

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060319\
 Data File : VN055964.D
 Acq On : 3 Jun 2019 16:20
 Operator : JC/SP
 Sample : VN0603MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 01:50:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	299353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	435635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	388354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160182	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	160885	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	141072	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.09	98	527856	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	177200	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	32438	16.101	ug/l	93
3) Chloromethane	2.06	50	48846	17.304	ug/l	99
4) Vinyl Chloride	2.18	62	51892	17.236	ug/l	99
5) Bromomethane	2.53	94	36095	19.163	ug/l	98
6) Chloroethane	2.68	64	34343	18.946	ug/l	96
7) Trichlorofluoromethane	3.00	101	71323	18.069	ug/l	100
8) Diethyl Ether	3.40	74	34226	19.346	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	46450	18.852	ug/l	98
10) Methyl Iodide	3.94	142	71744	19.916	ug/l	98
11) Tert butyl alcohol	4.82	59	58749	99.460	ug/l	100
12) 1,1-Dichloroethene	3.72	96	46304	18.188	ug/l	99
13) Acrolein	3.60	56	28400	67.147	ug/l	95
14) Allyl chloride	4.31	41	76785	17.593	ug/l	98
15) Acrylonitrile	4.99	53	141359	104.220	ug/l	99
16) Acetone	3.82	43	125590	92.417	ug/l	100
17) Carbon Disulfide	4.04	76	90553	12.519	ug/l	100
18) Methyl Acetate	4.33	43	62957	22.082	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	165924	19.541	ug/l	98
20) Methylene Chloride	4.54	84	56714	19.271	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	49451	18.080	ug/l	97
22) Diisopropyl ether	5.95	45	166884	19.660	ug/l	99
23) Vinyl Acetate	5.90	43	678739	93.258	ug/l	100
24) 1,1-Dichloroethane	5.84	63	94493	19.119	ug/l	99
25) 2-Butanone	6.84	43	188659	99.405	ug/l	98
26) 2,2-Dichloropropane	6.82	77	64963	15.187	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	61970	19.420	ug/l	97
28) Bromochloromethane	7.19	49	50211	21.338	ug/l	99
29) Tetrahydrofuran	7.22	42	124053	103.217	ug/l	100
30) Chloroform	7.37	83	97018	19.683	ug/l	100
31) Cyclohexane	7.65	56	83312	17.954	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	78592	17.868	ug/l	99
36) 1,1-Dichloropropene	7.79	75	68340	18.001	ug/l	98
37) Ethyl Acetate	6.93	43	74000	20.168	ug/l	99
38) Carbon Tetrachloride	7.77	117	63420	16.038	ug/l	96

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Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 01:50:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	78646	16.729	ug/l	99
40) Benzene	8.04	78	218593	19.105	ug/l	99
41) Methacrylonitrile	7.18	41	38554	20.798	ug/l	96
42) 1,2-Dichloroethane	8.12	62	73663	19.703	ug/l	99
43) Isopropyl Acetate	8.17	43	116666	18.924	ug/l	99
44) Trichloroethene	8.83	130	61440	19.262	ug/l	98
45) 1,2-Dichloropropane	9.12	63	59304	19.894	ug/l	98
46) Dibromomethane	9.21	93	38360	19.622	ug/l	99
47) Bromodichloromethane	9.40	83	67347	16.800	ug/l	97
48) Methyl methacrylate	9.20	41	56679	19.949	ug/l	98
49) 1,4-Dioxane	9.20	88	25803	437.017	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	375787	103.210	ug/l	99
52) Toluene	10.15	92	139536	19.391	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	70231	16.413	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	81058	17.100	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	58139	20.168	ug/l	99
56) Ethyl methacrylate	10.43	69	87082	19.546	ug/l	98
57) 1,3-Dichloropropane	10.71	76	93327	19.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	175200	102.901	ug/l	100
59) 2-Hexanone	10.75	43	264800	102.518	ug/l	98
60) Dibromochloromethane	10.90	129	56856	16.930	ug/l	99
61) 1,2-Dibromoethane	11.00	107	58958	19.717	ug/l	99
64) Tetrachloroethene	10.63	164	60281	18.404	ug/l	98
65) Chlorobenzene	11.43	112	151053	19.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54375	17.536	ug/l	99
67) Ethyl Benzene	11.51	91	263204	18.879	ug/l	98
68) m/p-Xylenes	11.62	106	198218	37.608	ug/l	98
69) o-Xylene	11.95	106	99687	19.064	ug/l	100
70) Styrene	11.96	104	158804	18.753	ug/l	99
71) Bromoform	12.13	173	37055	14.011	ug/l #	98
73) Isopropylbenzene	12.25	105	260922	21.372	ug/l	100
74) N-amyl acetate	12.07	43	96204	20.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	81746	22.395	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	94317	33.133	ug/l #	100
77) Bromobenzene	12.53	156	68822	20.134	ug/l	99
78) n-propylbenzene	12.59	91	268216	19.266	ug/l	100
79) 2-Chlorotoluene	12.67	91	169909	21.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	211073	20.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18696	15.704	ug/l	88
82) 4-Chlorotoluene	12.77	91	155309	18.978	ug/l	100
83) tert-Butylbenzene	12.99	119	193541	21.628	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	207031	20.227	ug/l	99
85) sec-Butylbenzene	13.17	105	239833	20.866	ug/l	100
86) p-Isopropyltoluene	13.29	119	213751	19.215	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105738	19.536	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	99651	19.366	ug/l	99
89) n-Butylbenzene	13.61	91	151779	17.808	ug/l	99
90) Hexachloroethane	13.87	117	32000	15.113	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	106645	19.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12335	17.379	ug/l	98

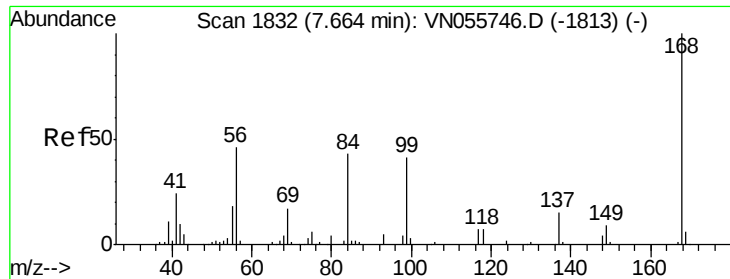
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060319\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	44924	17.045	ug/l	99
94) Hexachlorobutadiene	15.01	225	38029	18.874	ug/l	98
95) Naphthalene	15.13	128	134051	18.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	52823	18.505	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

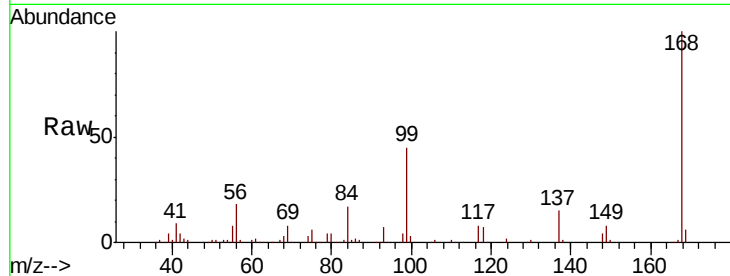
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 299353

Ion Ratio Lower Upper

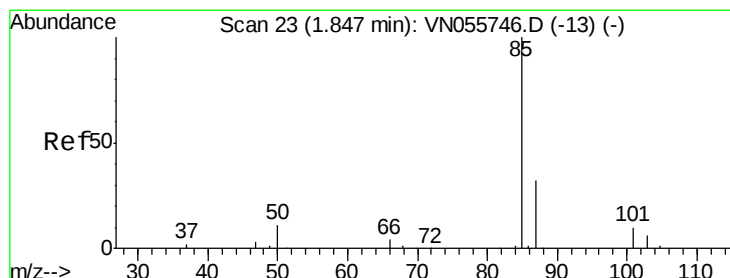
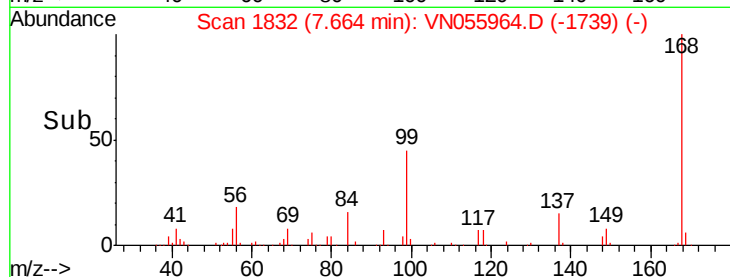
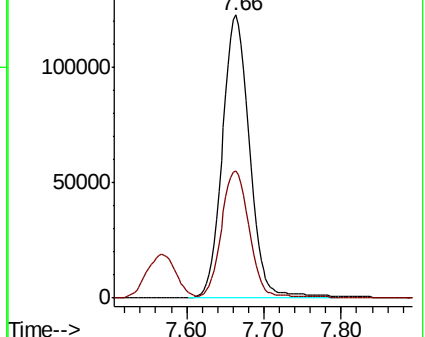
168 100

99 44.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.101 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055964.D

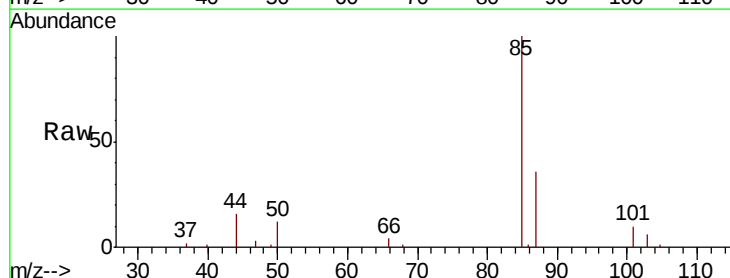
Acq: 3 Jun 2019 16:20

Tgt Ion: 85 Resp: 32438

Ion Ratio Lower Upper

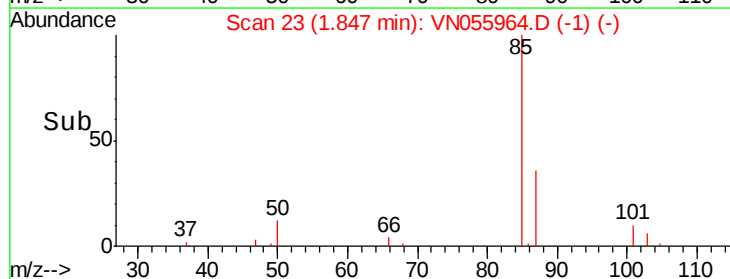
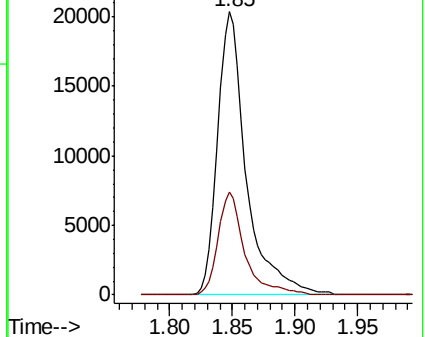
85 100

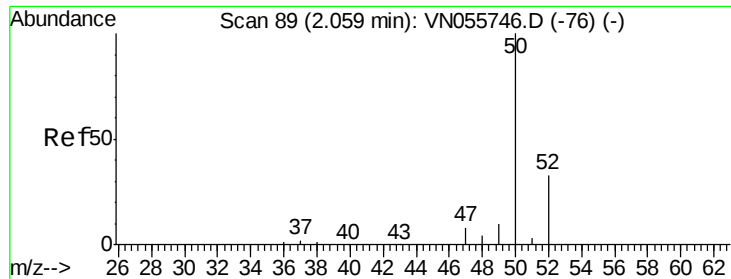
87 36.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.304 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

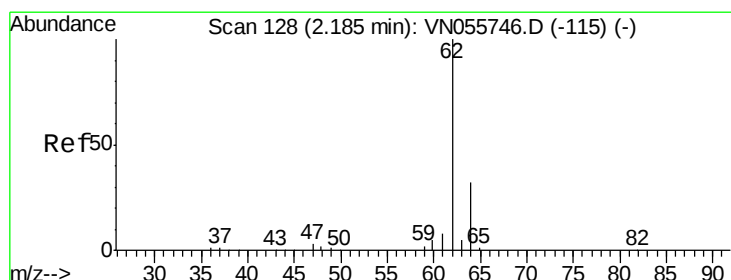
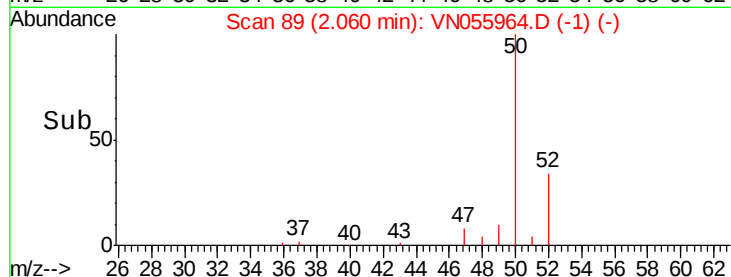
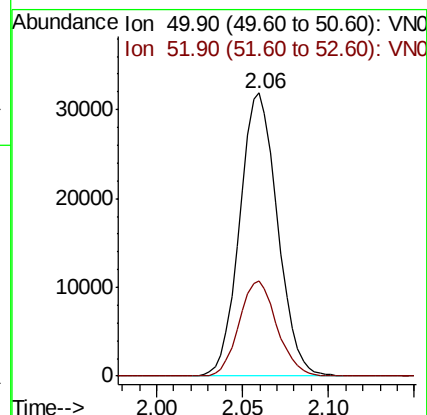
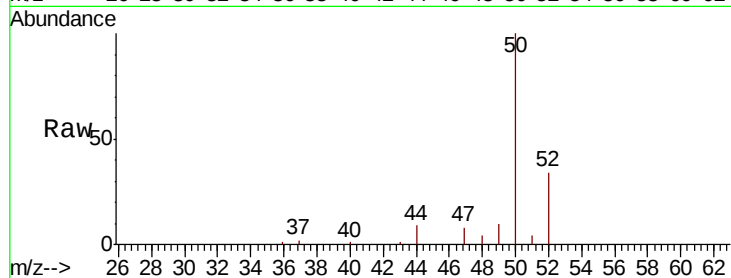
ClientSampleId :

Tot Ion: 50 Resp: 48846

Ion Ratio Lower Upper

50 100

52 33.7 26.6 40.0



#4

Vinyl Chloride

Concen: 17.236 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055964.D

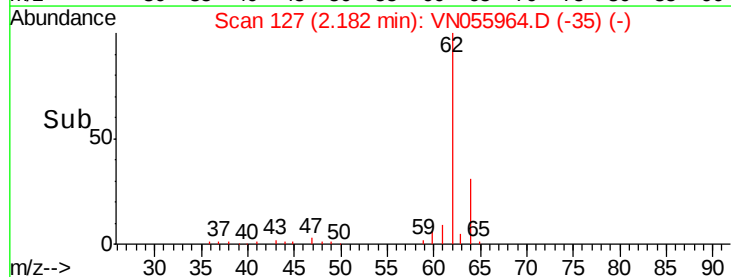
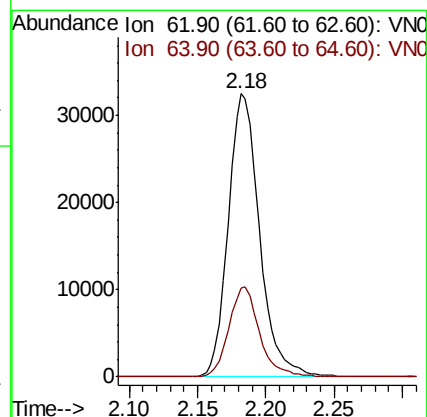
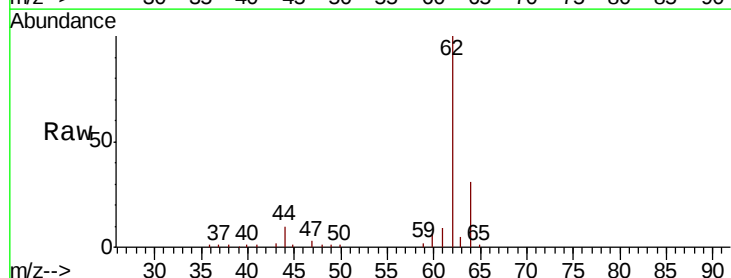
Acq: 3 Jun 2019 16:20

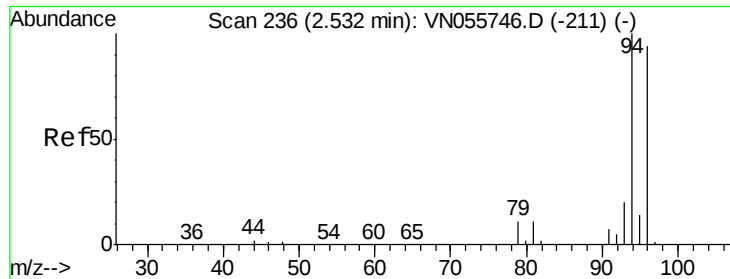
Tgt Ion: 62 Resp: 51892

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4

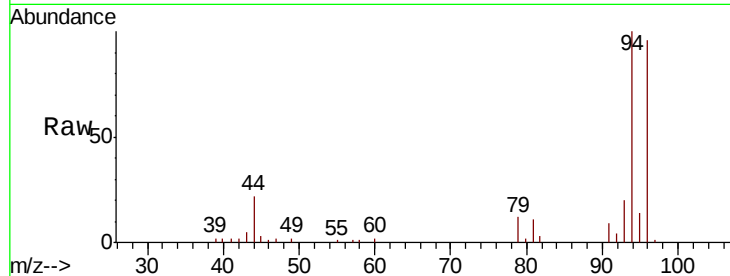




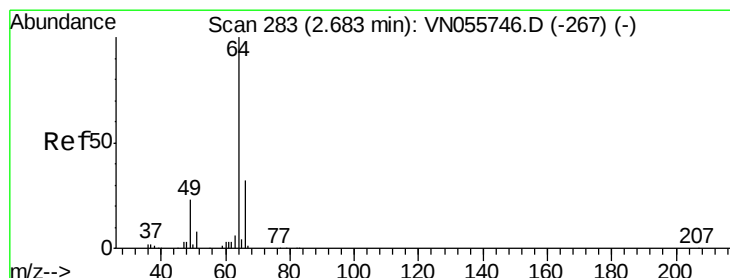
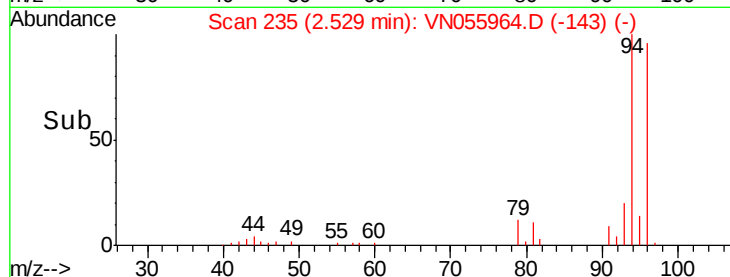
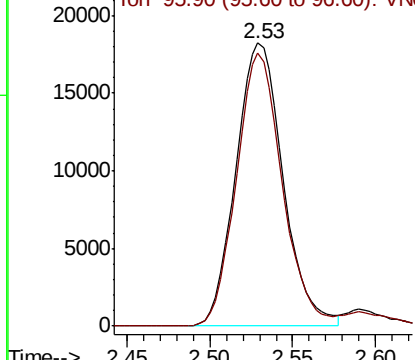
#5
Bromomethane
Concen: 19.163 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 36095
Ion Ratio Lower Upper
94 100
96 96.3 75.5 113.3

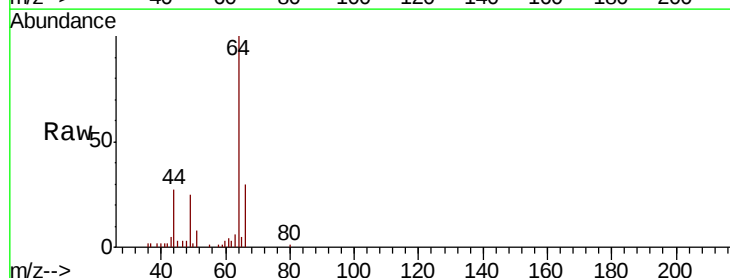


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

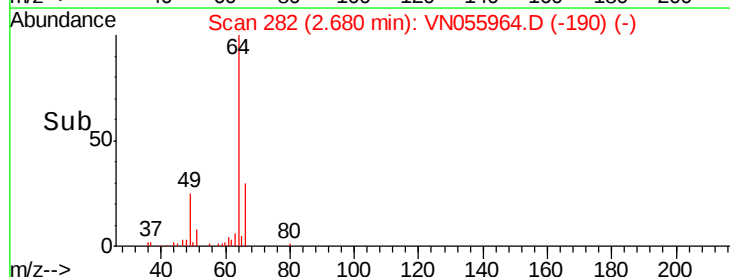
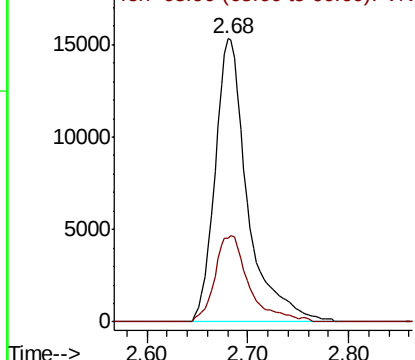


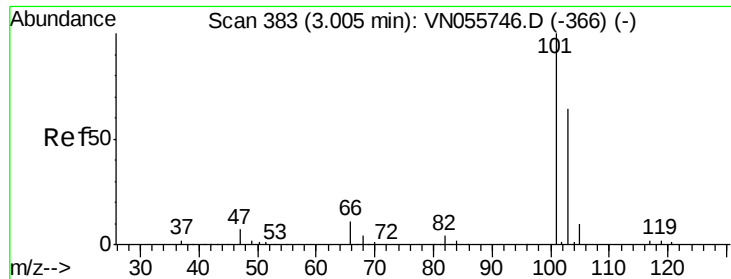
#6
Chloroethane
Concen: 18.946 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 64 Resp: 34343
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



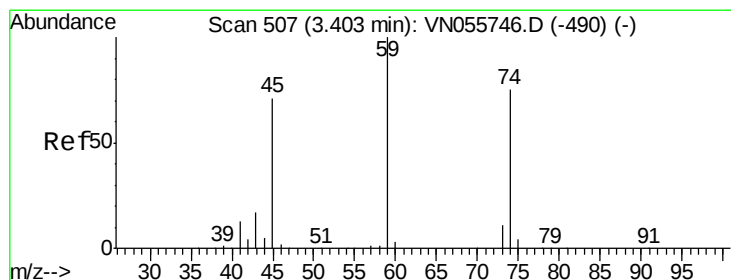
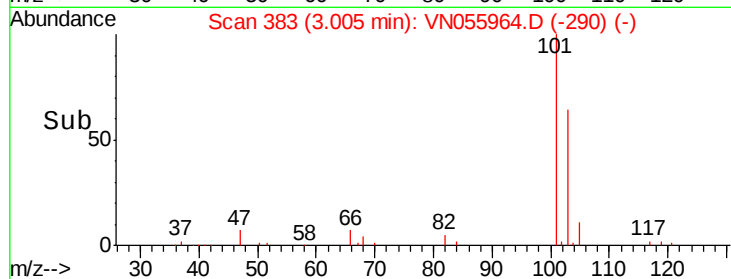
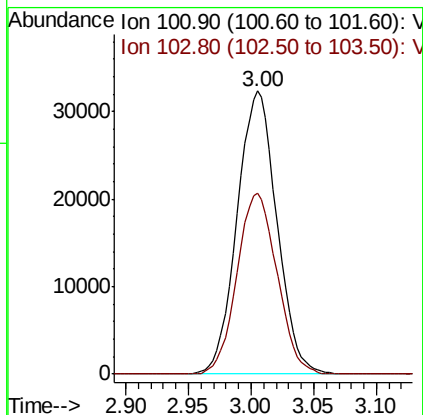
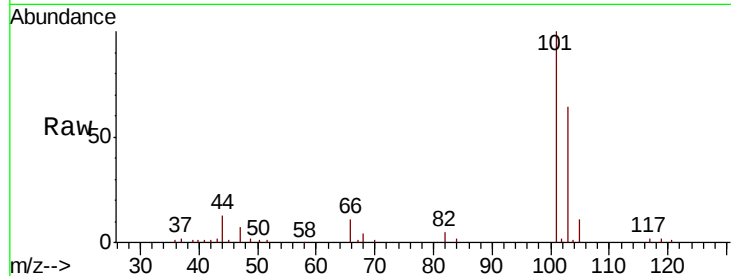


#7

Trichlorofluoromethane
 Concen: 18.069 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Instrument :
 MSVOA_N
 ClientSampleId :

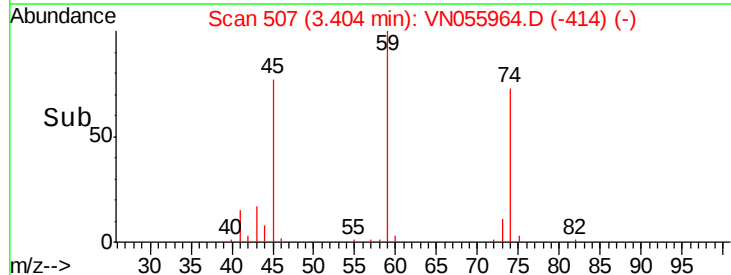
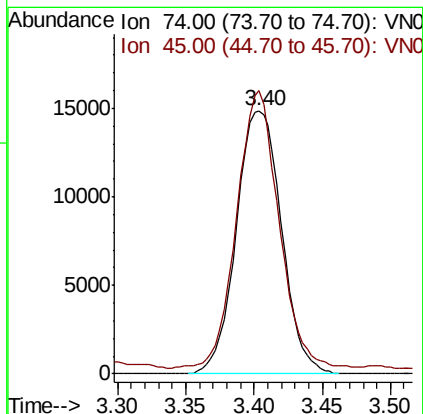
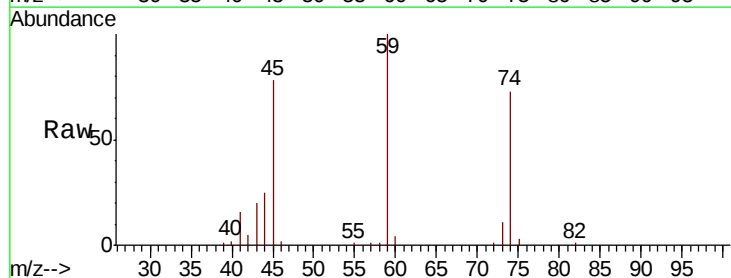
Tot Ion:101 Resp: 71323
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.2 76.8

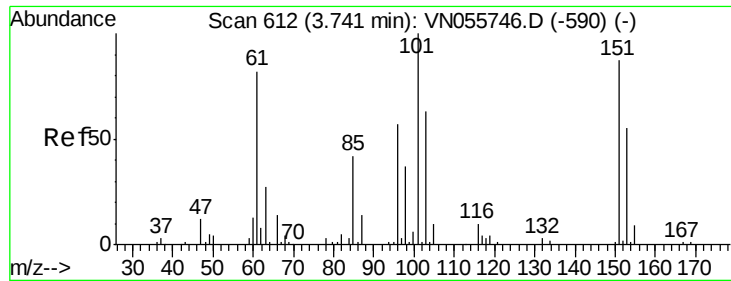


#8

Diethyl Ether
 Concen: 19.346 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion: 74 Resp: 34226
 Ion Ratio Lower Upper
 74 100
 45 98.6 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.852 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

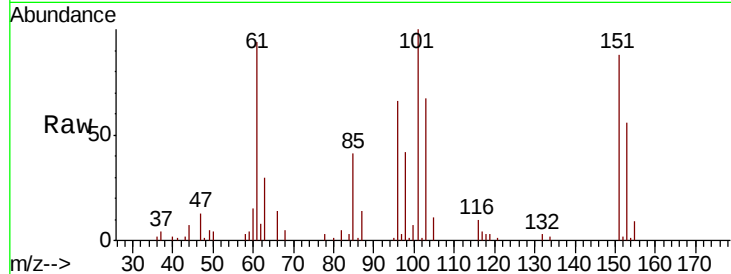
Tot Ion:101 Resp: 46450

Ion Ratio Lower Upper

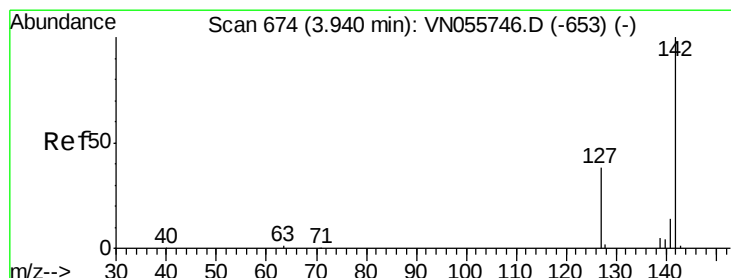
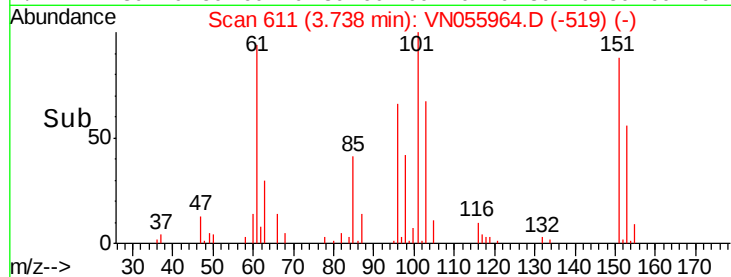
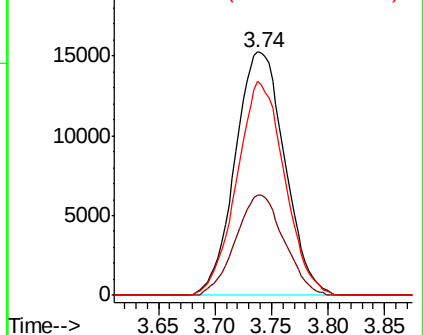
101 100

85 40.3 33.4 50.2

151 84.8 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.916 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

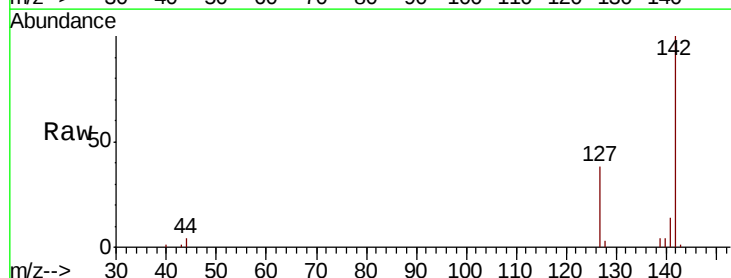
Tgt Ion:142 Resp: 71744

Ion Ratio Lower Upper

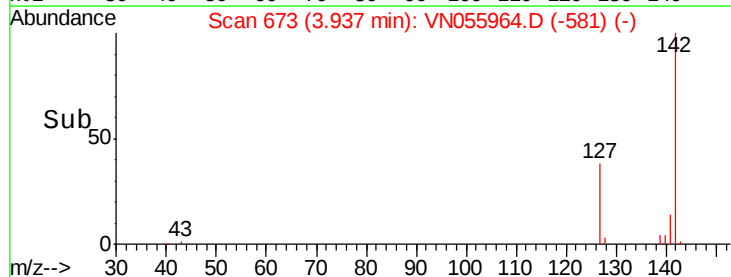
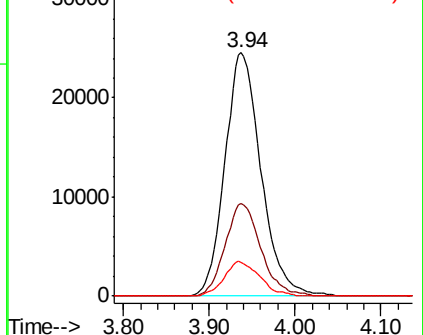
142 100

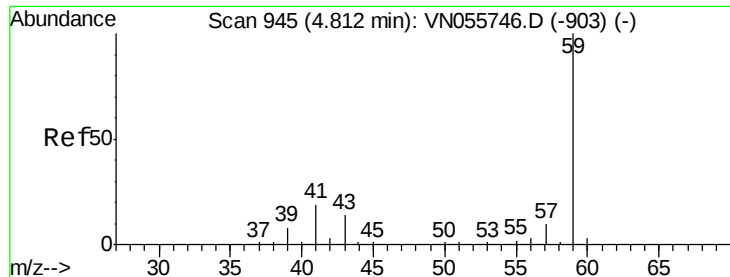
127 37.5 31.0 46.4

141 14.0 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

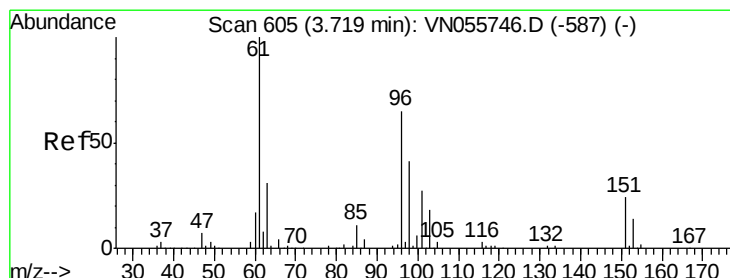
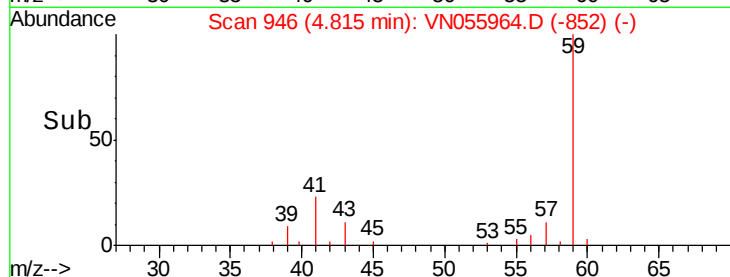
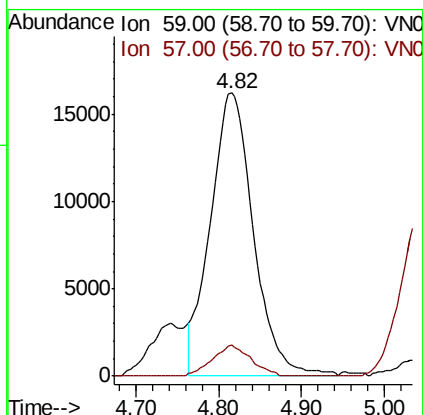
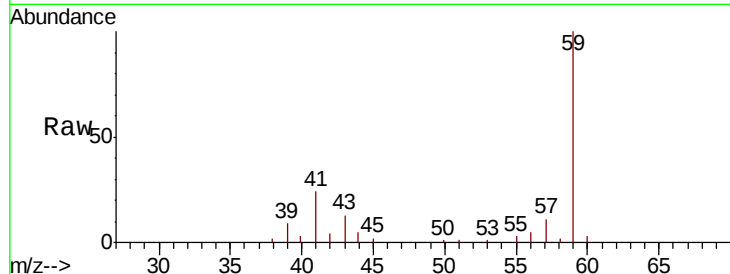




#11
Tert butyl alcohol
Concen: 99.460 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

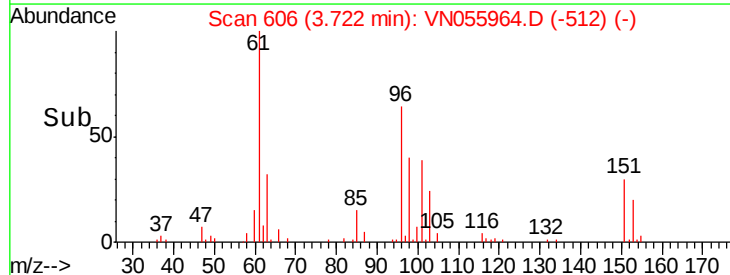
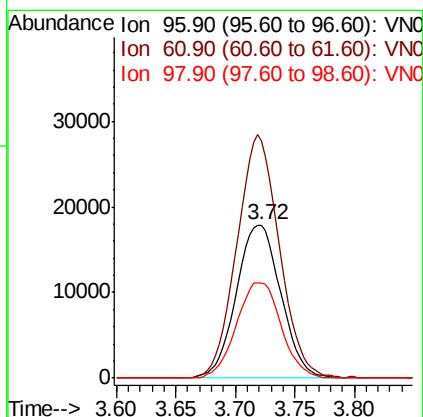
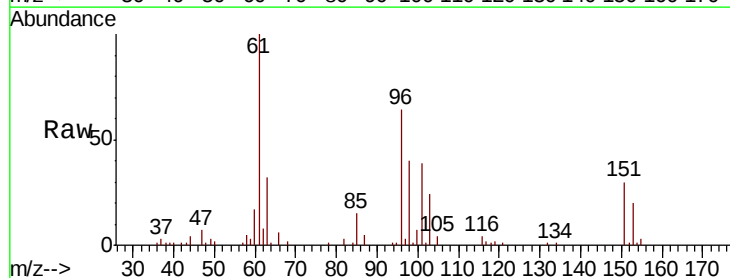
Instrument :
MSVOA_N
ClientSampled :

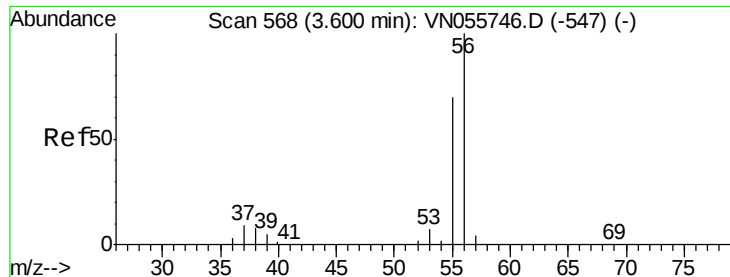
Tot Ion: 59 Resp: 58749
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.188 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 96 Resp: 46304
Ion Ratio Lower Upper
96 100
61 155.0 123.2 184.8
98 62.1 50.4 75.6





#13

Acrolein

Concen: 67.147 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

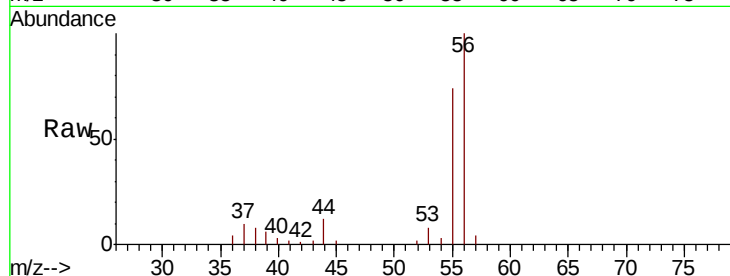
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 28400

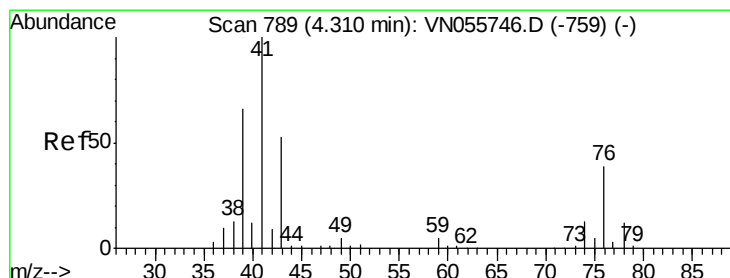
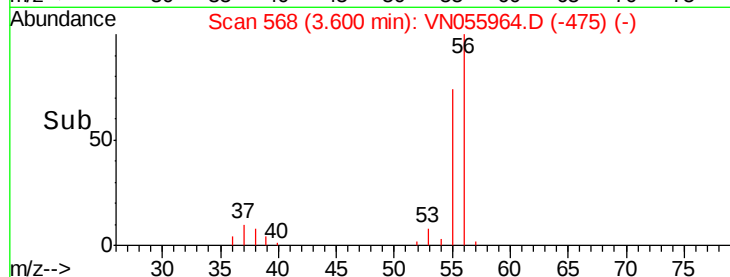
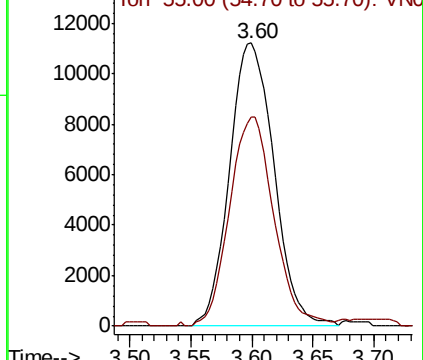
Ion Ratio Lower Upper

56 100

55 73.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN055964.D (-475) (-)



#14

Allyl chloride

Concen: 17.593 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

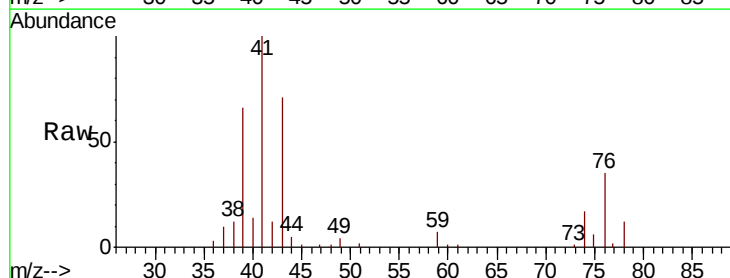
Tgt Ion: 41 Resp: 76785

Ion Ratio Lower Upper

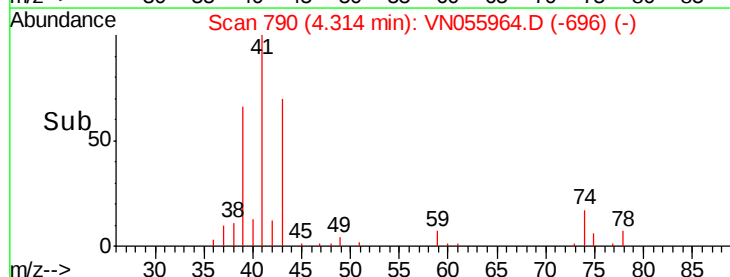
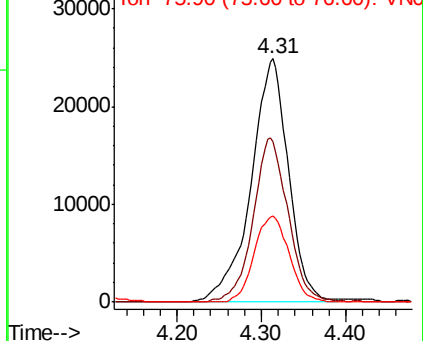
41 100

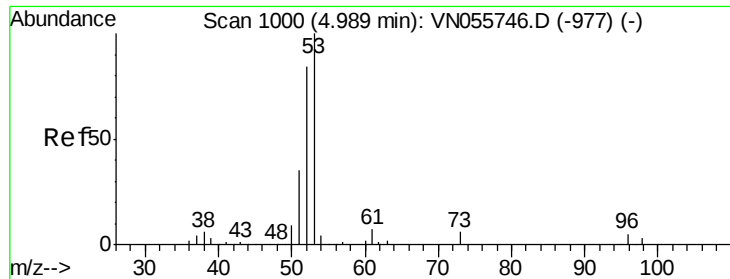
39 62.6 50.0 75.0

76 32.8 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN055964.D (-696) (-)





#15

Acrylonitrile

Concen: 104.220 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

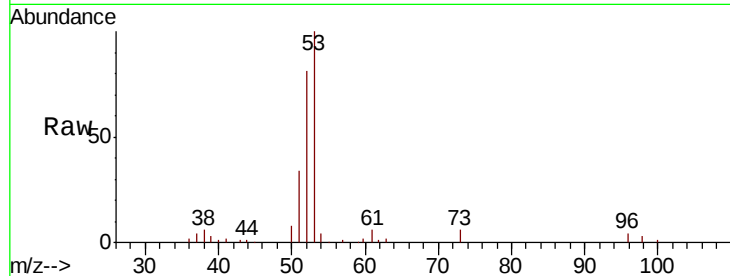
Tot Ion: 53 Resp: 141359

Ion Ratio Lower Upper

53 100

52 80.7 65.8 98.8

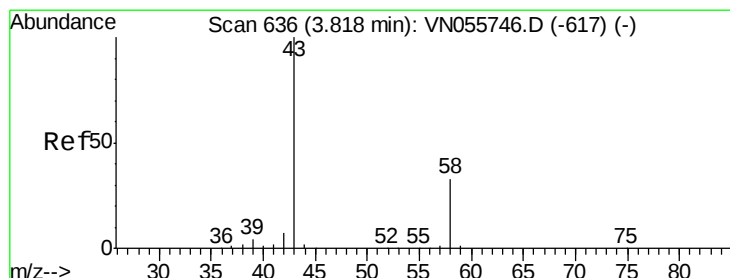
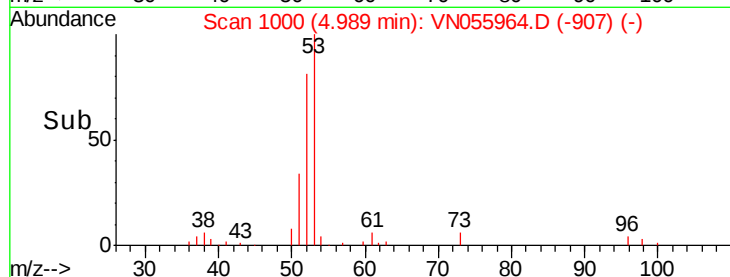
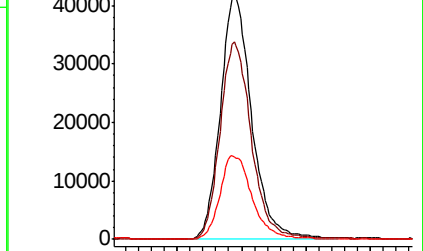
51 35.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055964.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055964.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055964.D (-907) (-)



#16

Acetone

Concen: 92.417 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055964.D

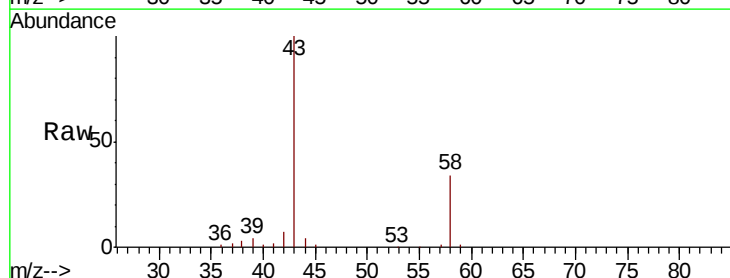
Acq: 3 Jun 2019 16:20

Tgt Ion: 43 Resp: 125590

Ion Ratio Lower Upper

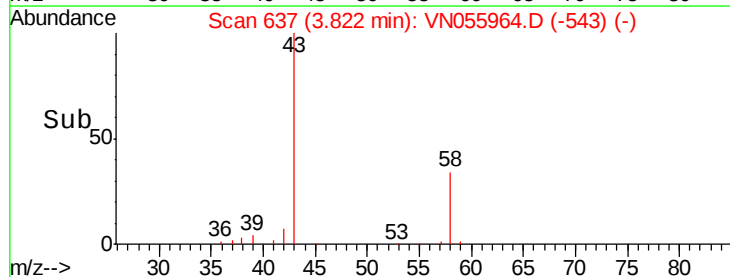
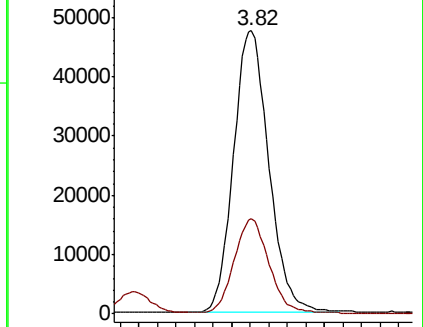
43 100

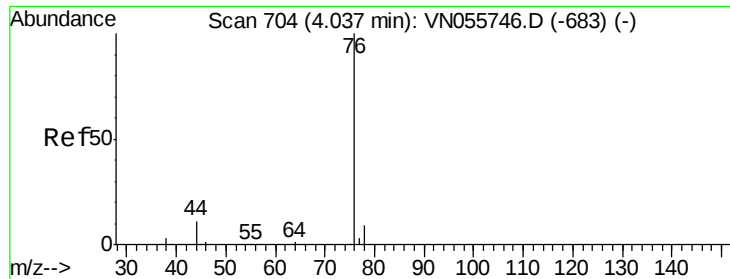
58 33.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055964.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055964.D (-543) (-)

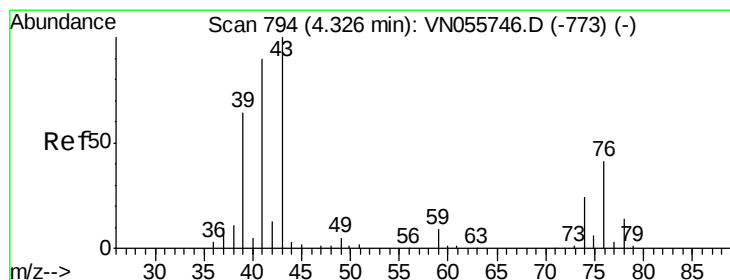
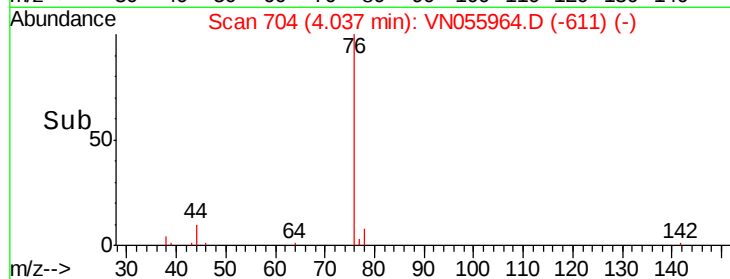
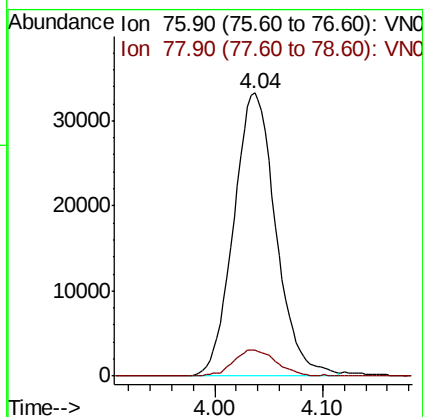
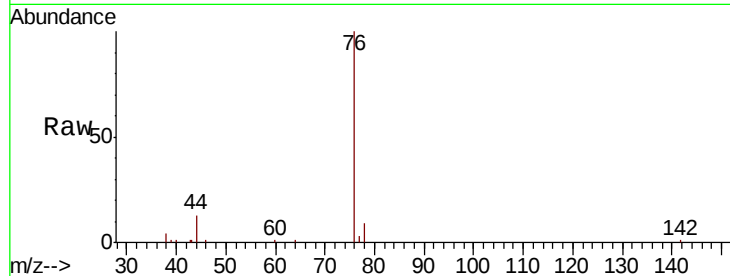




#17
Carbon Disulfide
Concen: 12.519 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

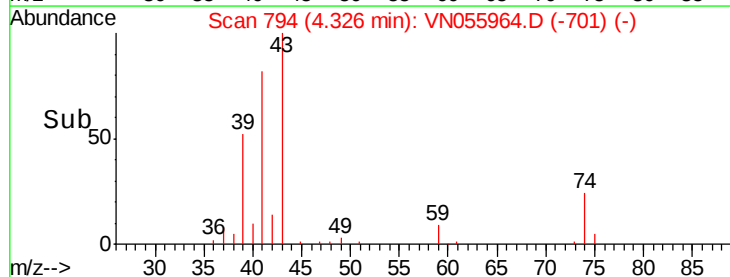
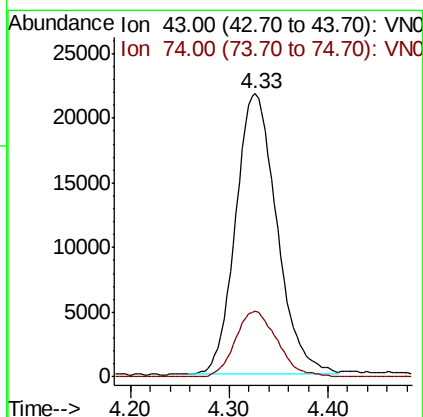
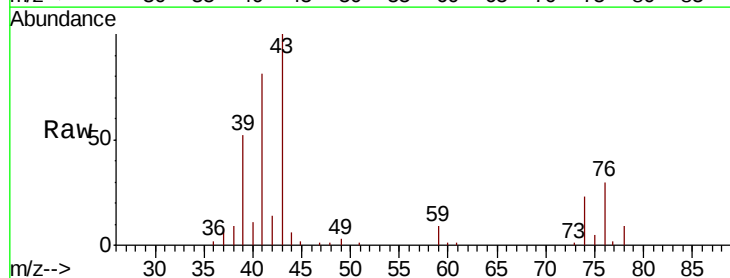
Instrument :
MSVOA_N
ClientSampleId :

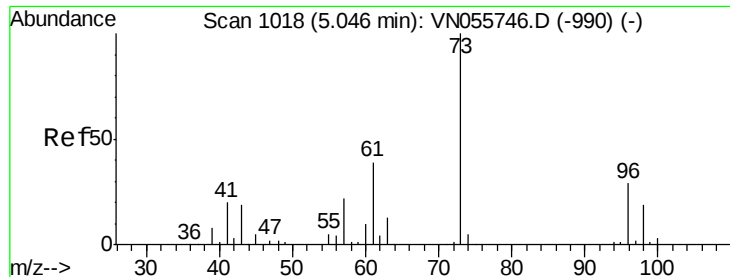
Tot Ion: 76 Resp: 90553
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 22.082 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 43 Resp: 62957
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9

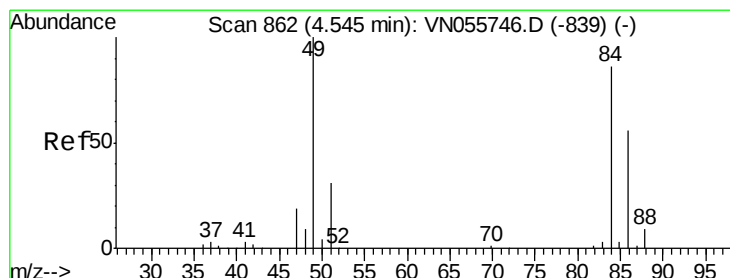
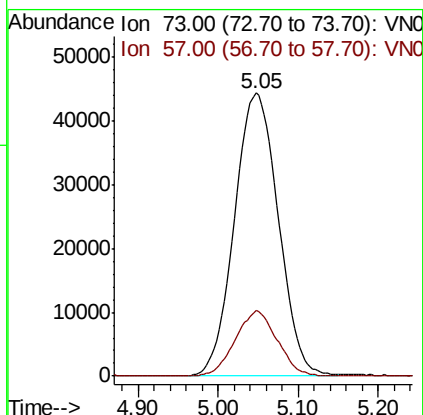
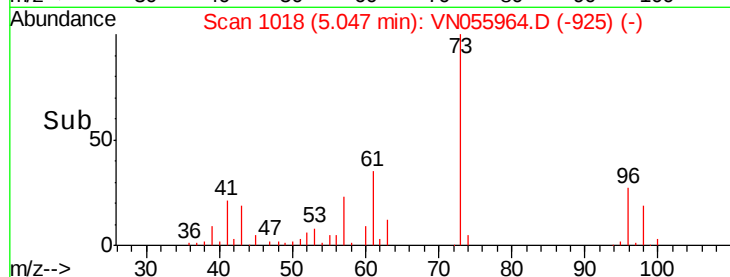
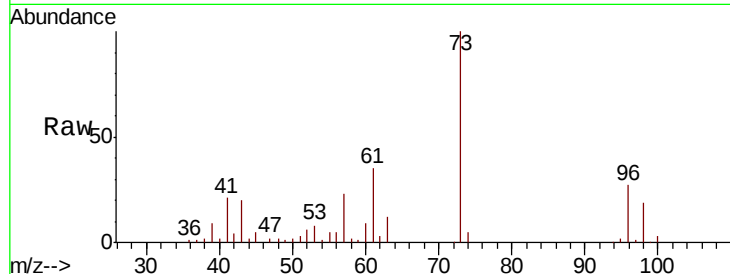




#19
Methvl tert-butvl Ether
Concen: 19.541 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

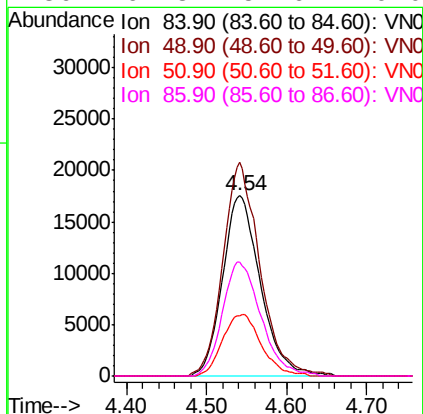
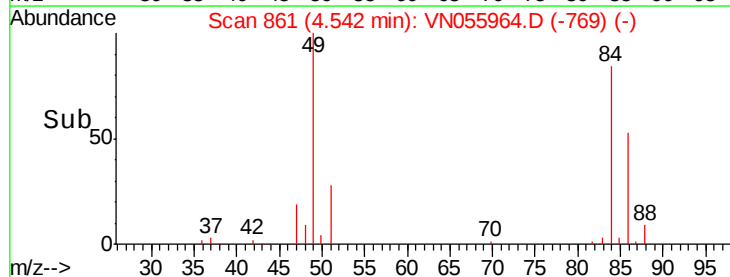
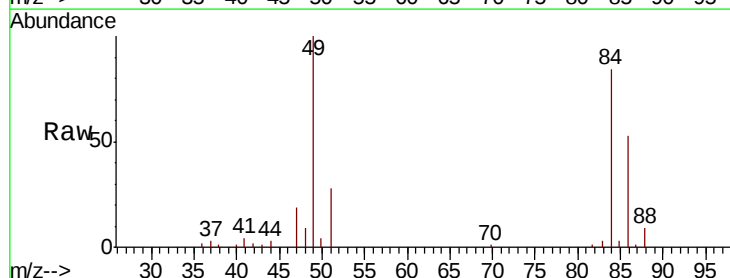
Instrument :
MSVOA_N
ClientSampled :

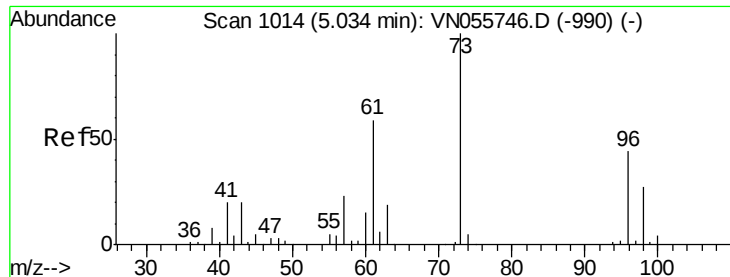
Tot Ion: 73 Resp: 165924
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 19.271 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 84 Resp: 56714
Ion Ratio Lower Upper
84 100
49 118.4 93.5 140.3
51 33.7 28.6 43.0
86 62.8 52.6 79.0

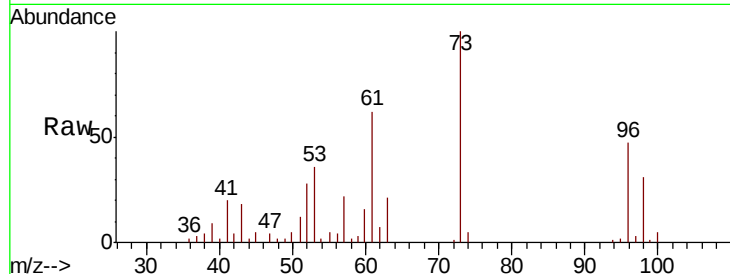




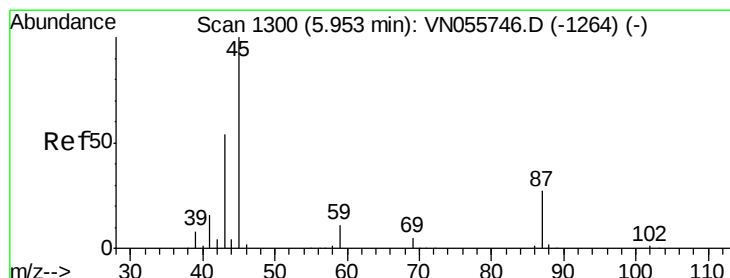
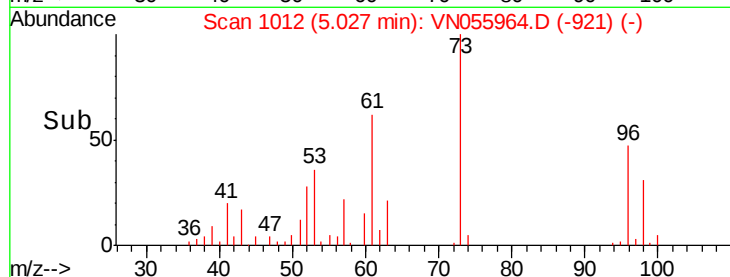
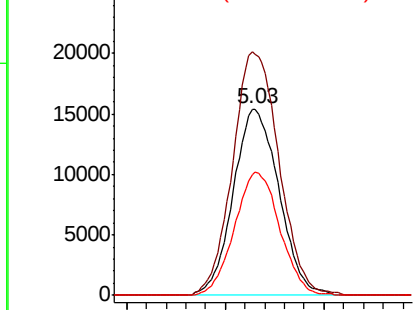
#21
trans-1,2-Dichloroethene
Concen: 18.080 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 49451
Ion Ratio Lower Upper
96 100
61 130.7 107.8 161.8
98 64.5 49.8 74.8

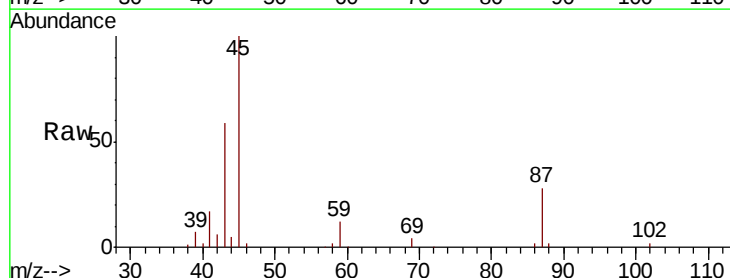


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

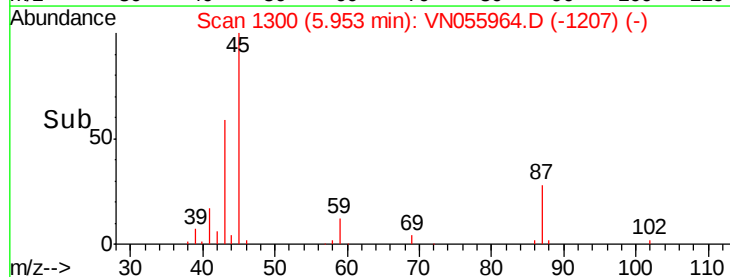
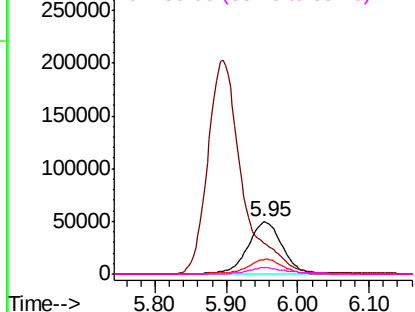


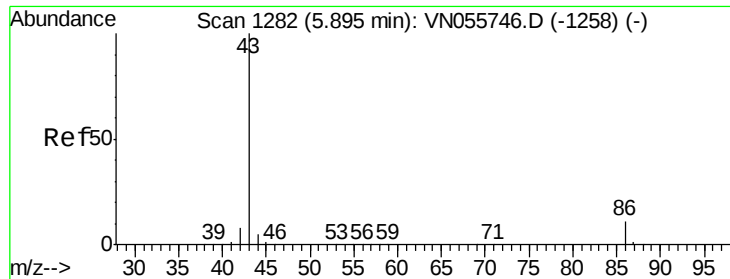
#22
Diisopropyl ether
Concen: 19.660 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 45 Resp: 166884
Ion Ratio Lower Upper
45 100
43 56.8 45.0 67.6
87 27.5 22.2 33.4
59 11.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.258 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

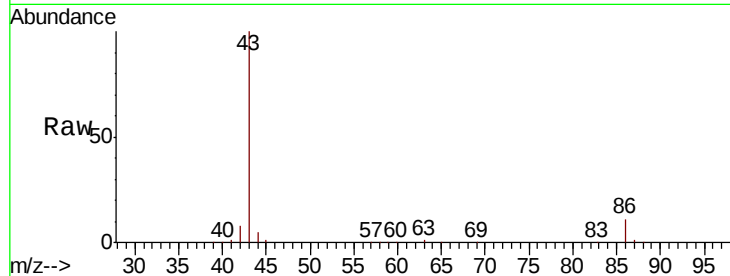
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 678739

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055964.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055964.D (-1189) (-)

5.90

200000

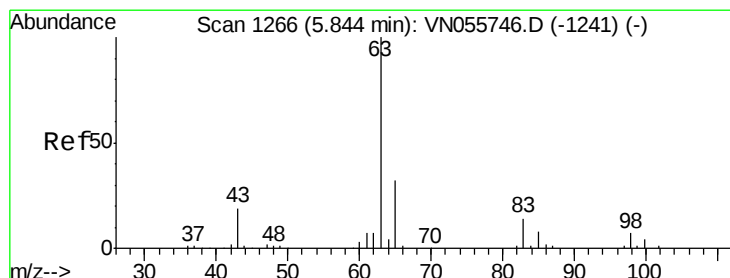
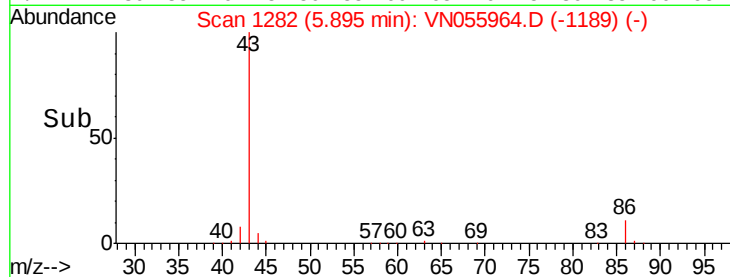
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.119 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

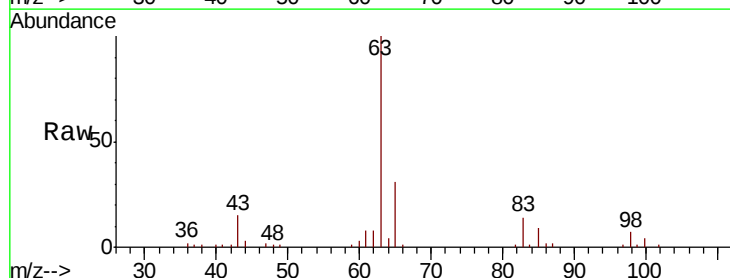
Tgt Ion: 63 Resp: 94493

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.0 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055964.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055964.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055964.D (-1173) (-)

5.84

40000

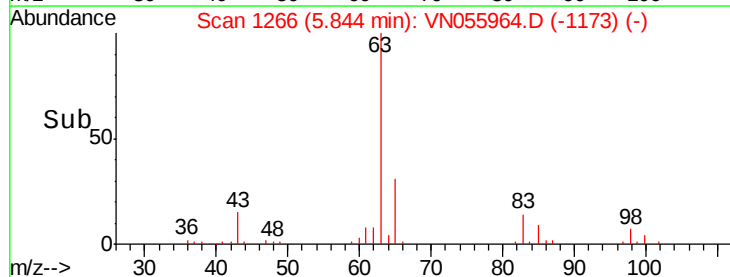
30000

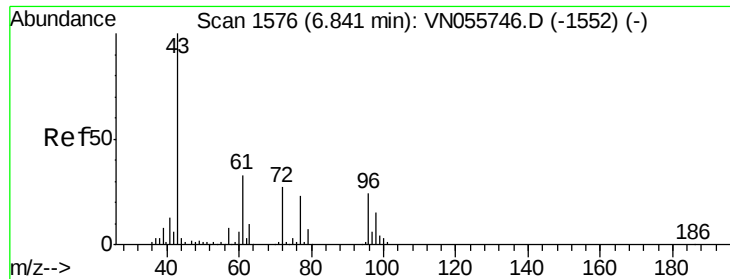
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 99.405 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

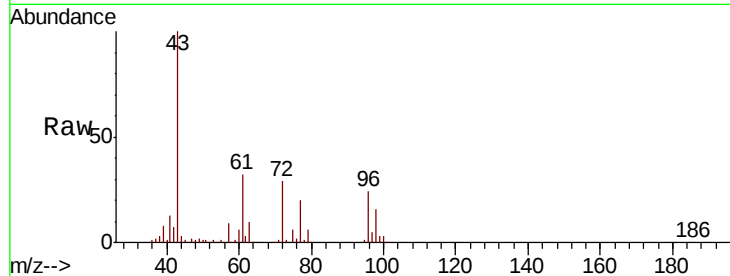
ClientSampled :

Tot Ion: 43 Resp: 188659

Ion Ratio Lower Upper

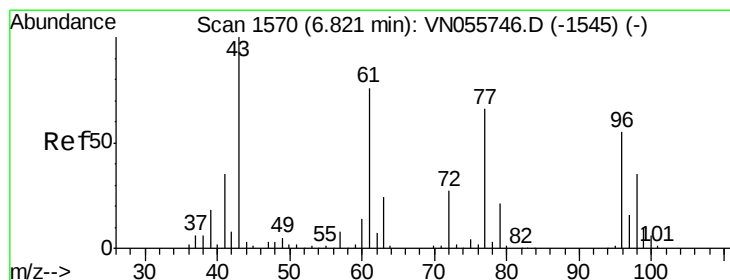
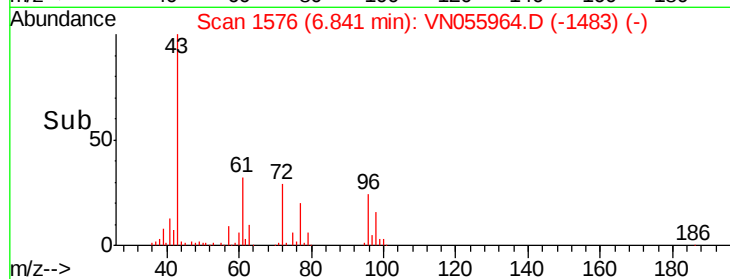
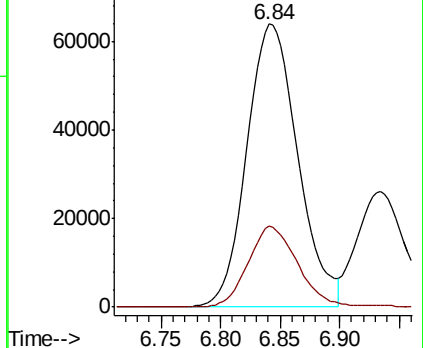
43 100

72 28.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.187 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN055964.D

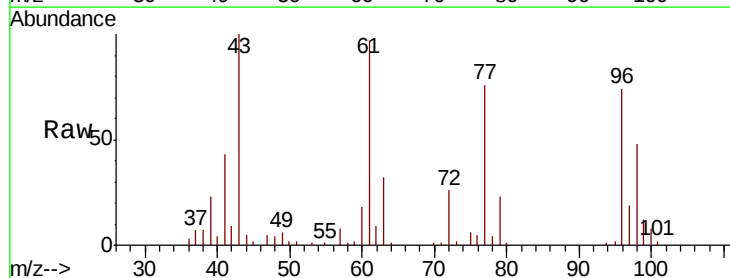
Acq: 3 Jun 2019 16:20

Tgt Ion: 77 Resp: 64963

Ion Ratio Lower Upper

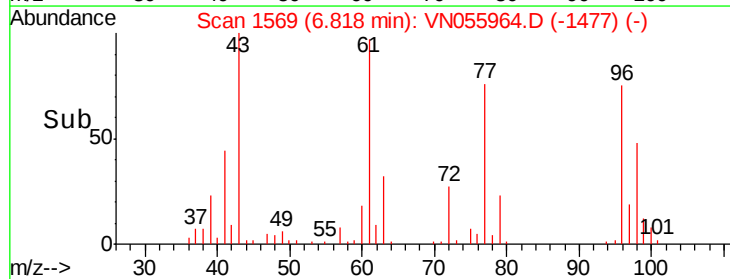
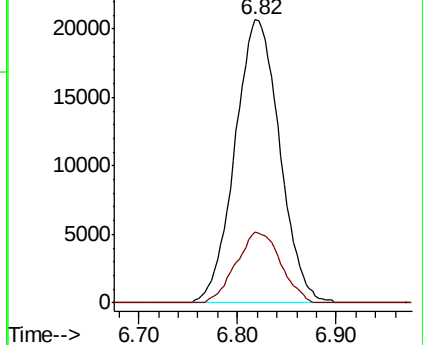
77 100

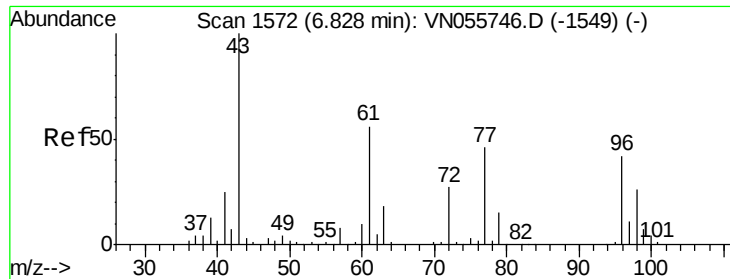
97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

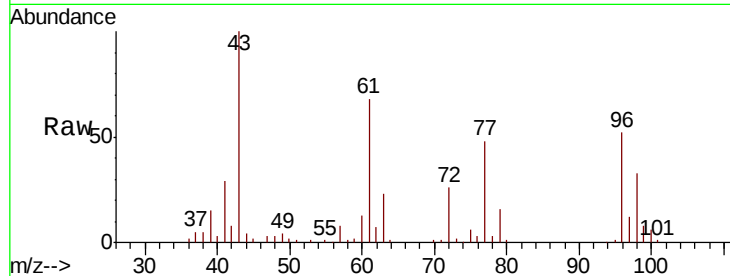




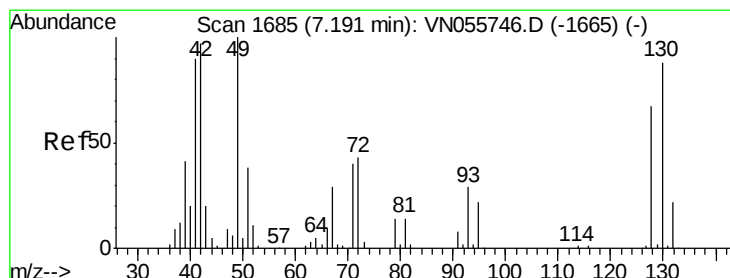
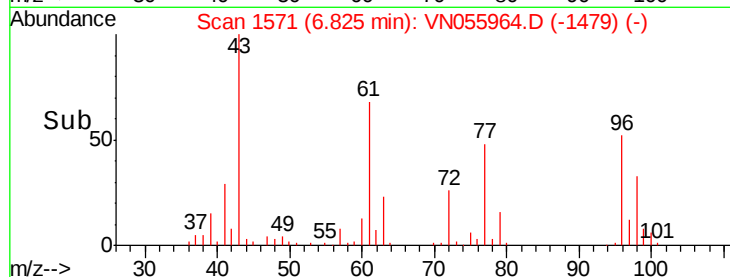
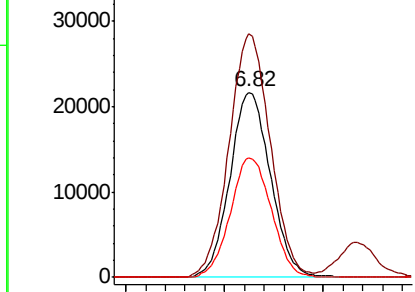
#27
 cis-1,2-Dichloroethene
 Concen: 19.420 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 61970
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 275.8
 98 65.0 0.0 128.4

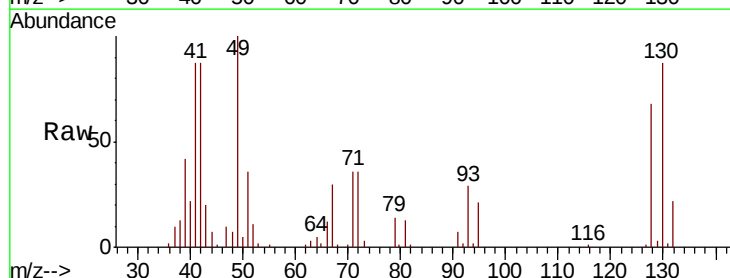


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

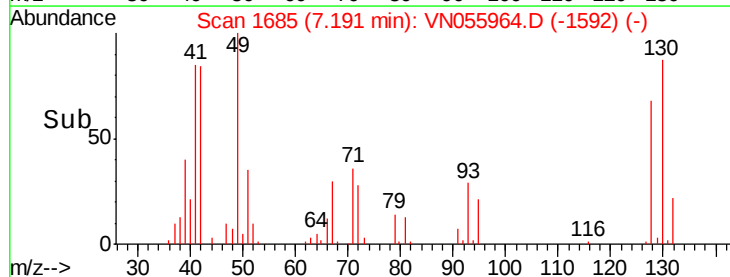
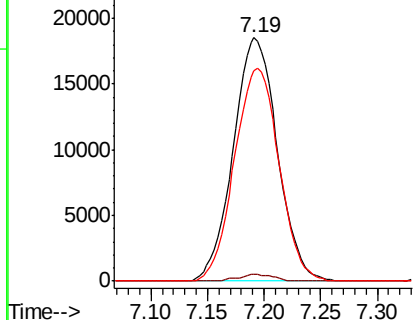


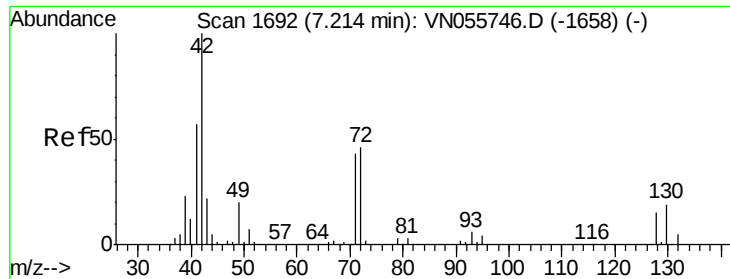
#28
 Bromochloromethane
 Concen: 21.338 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion: 49 Resp: 50211
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 88.2 71.2 106.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

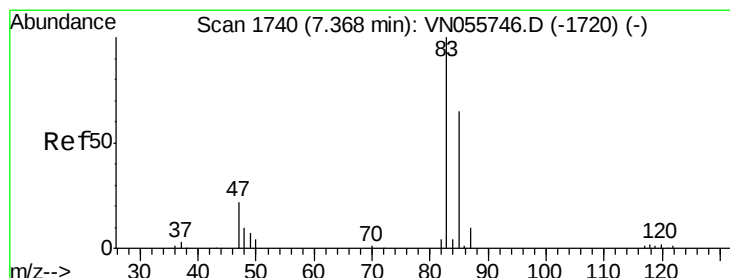
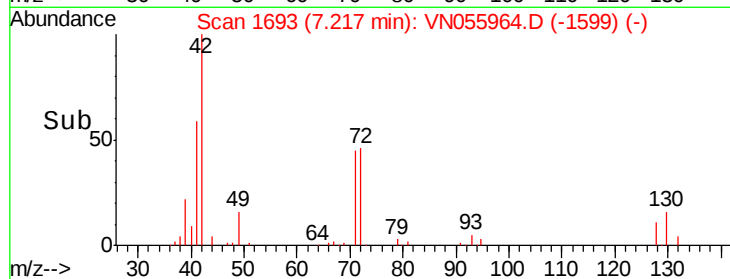
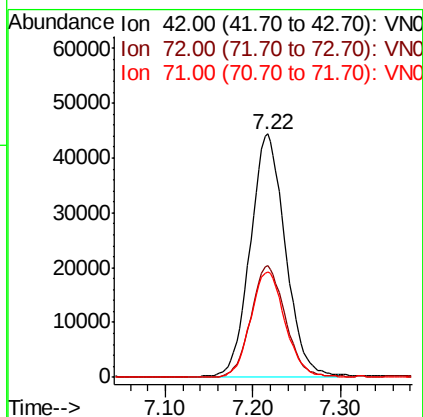
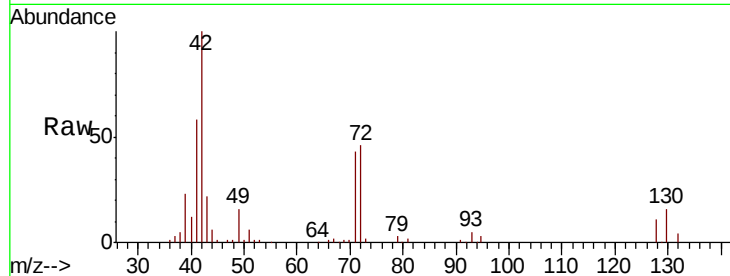




#29
Tetrahydrofuran
Concen: 103.217 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

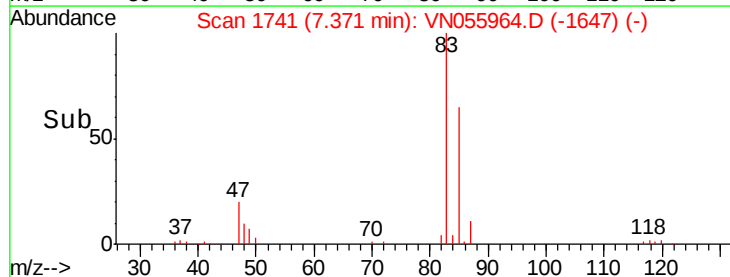
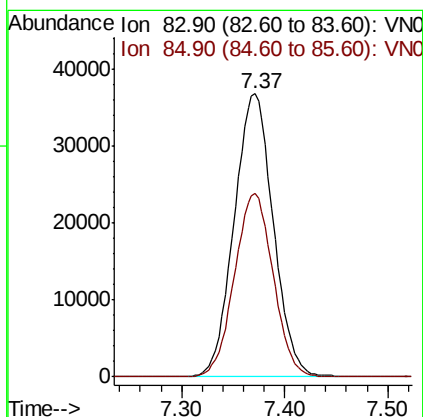
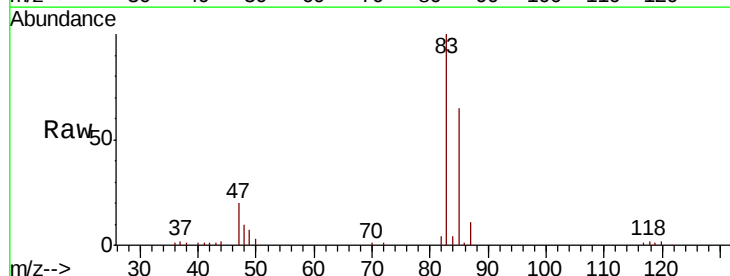
Instrument :
MSVOA_N
ClientSampled :

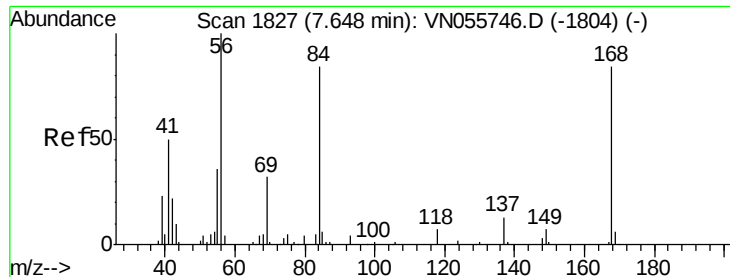
Tot Ion: 42 Resp: 124053
Ion Ratio Lower Upper
42 100
72 44.7 35.9 53.9
71 42.6 34.0 51.0



#30
Chloroform
Concen: 19.683 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 83 Resp: 97018
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8

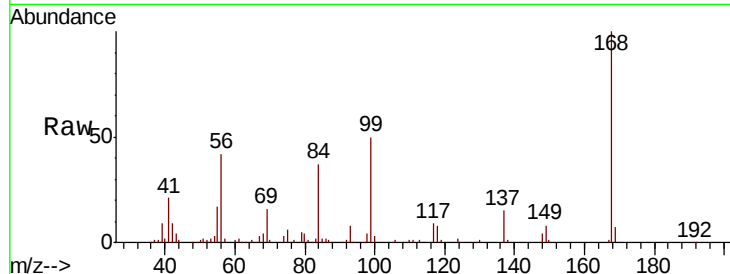




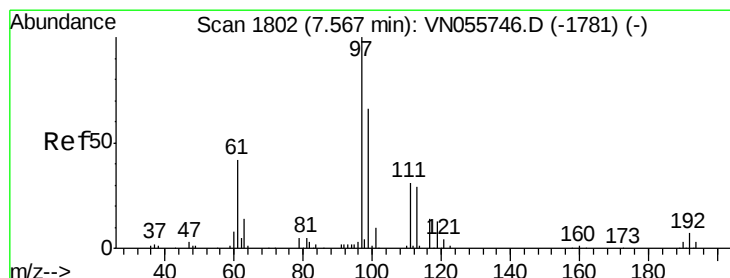
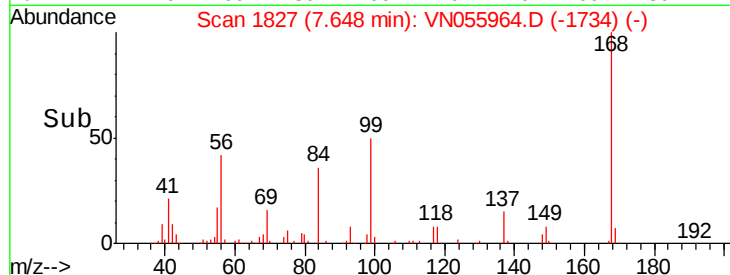
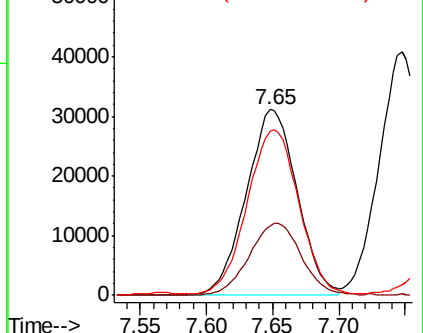
#31
Cyclohexane
Concen: 17.954 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 83312
Ion Ratio Lower Upper
56 100
69 37.3 25.6 38.4
84 87.4 67.4 101.0

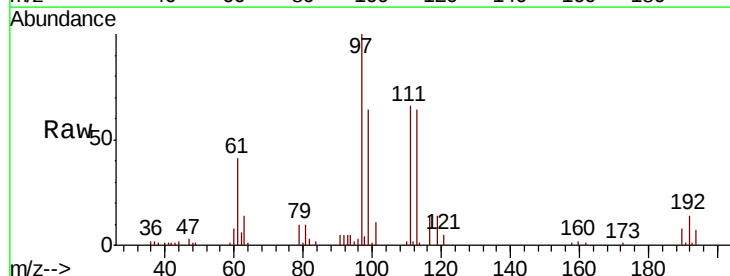


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

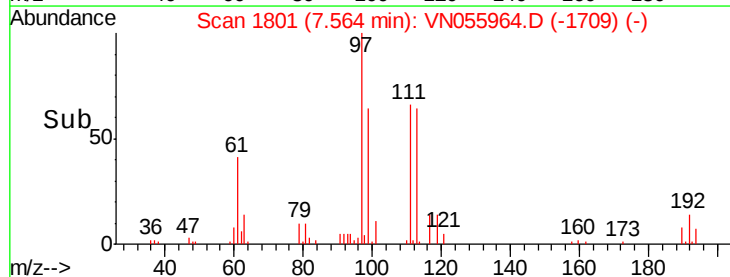
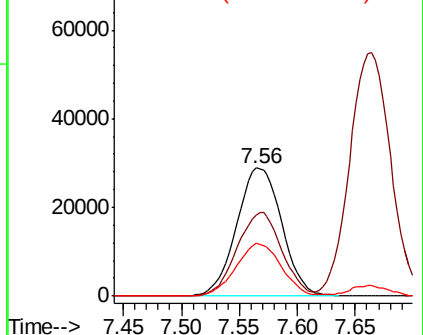


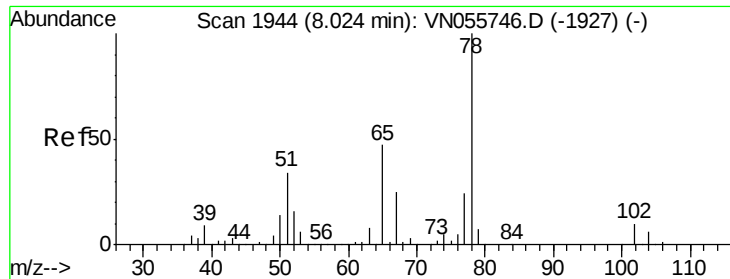
#32
1,1,1-Trichloroethane
Concen: 17.868 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 97 Resp: 78592
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 41.1 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

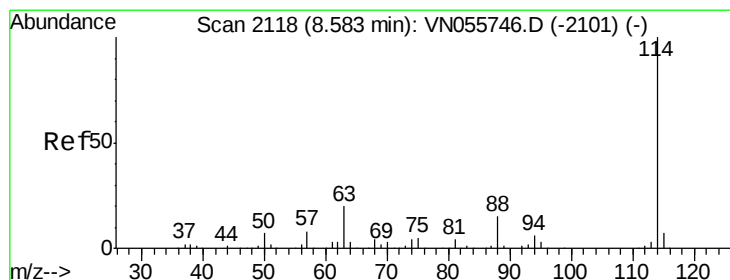
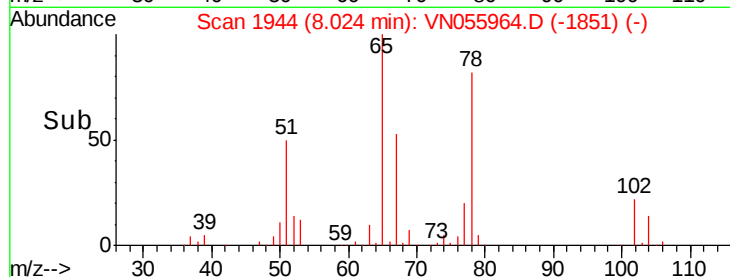
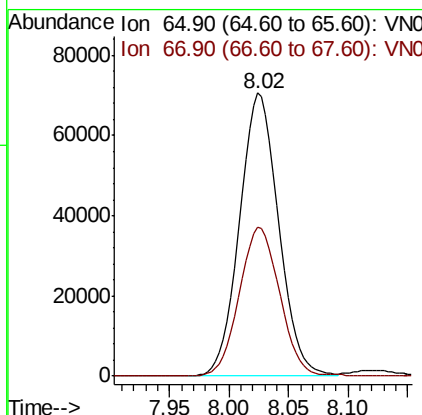
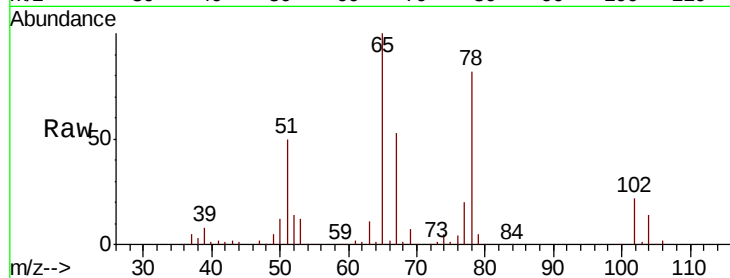




#33
 1,2-Dichloroethane-d4
 Concen: 52.041 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

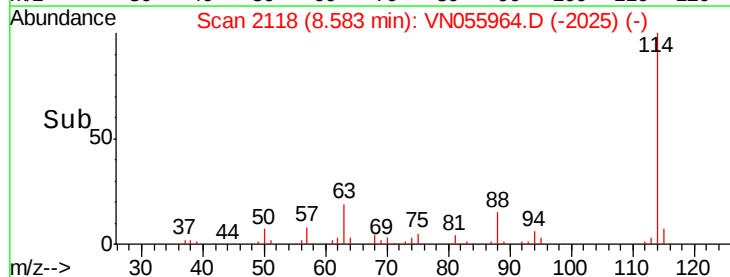
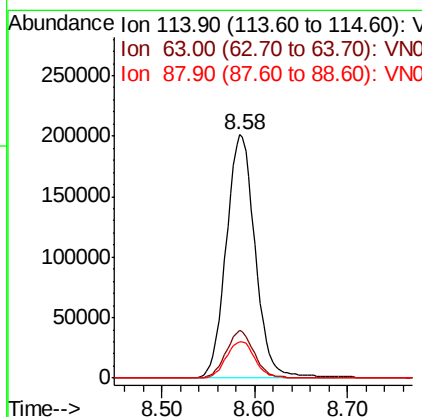
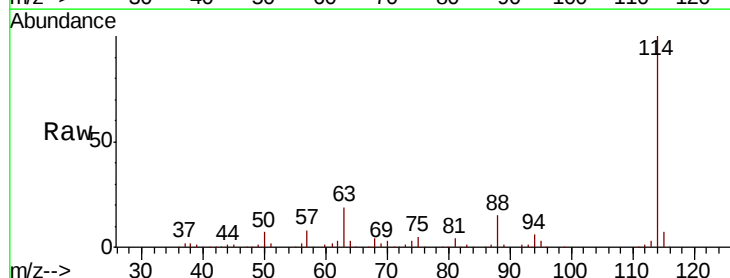
Instrument :
 MSVOA_N
 ClientSampled :

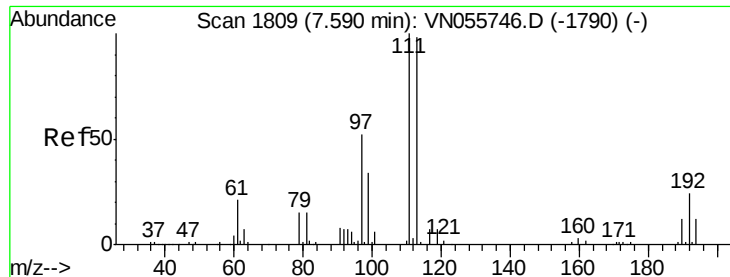
Tot Ion: 65 Resp: 160885
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion: 114 Resp: 435635
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.0 0.0 31.0

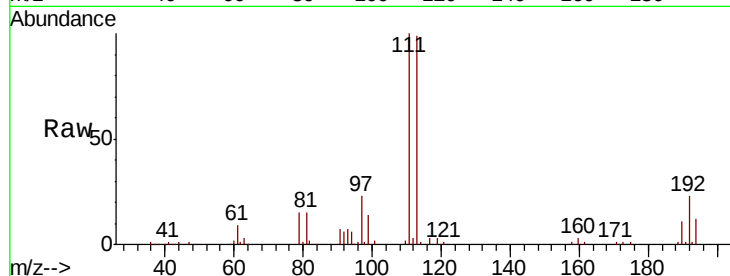




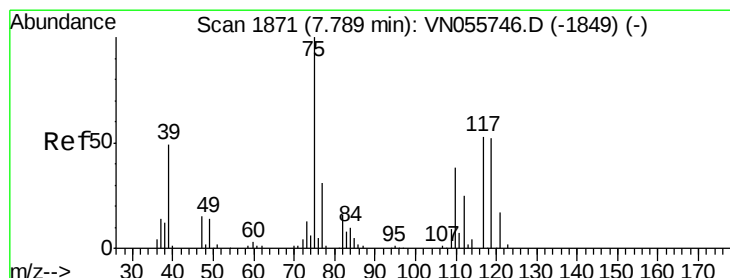
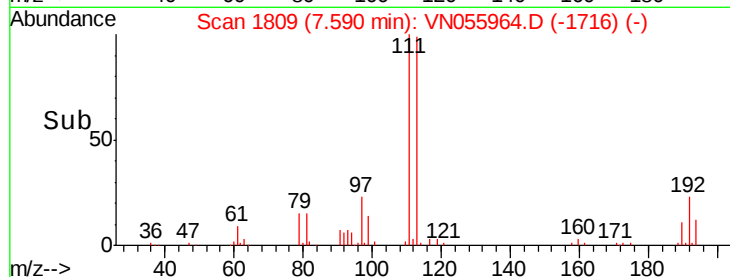
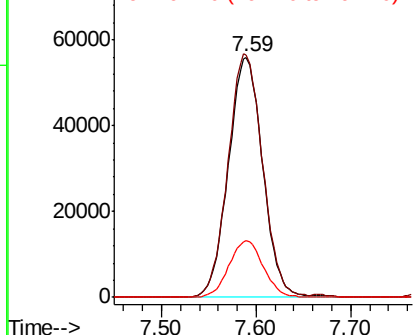
#35
 Dibromofluoromethane
 Concen: 51.220 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 141072
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 23.5 19.5 29.3

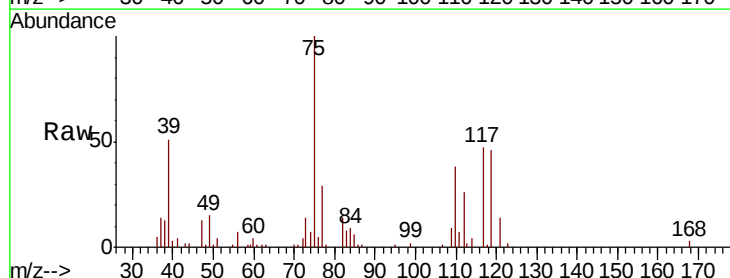


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

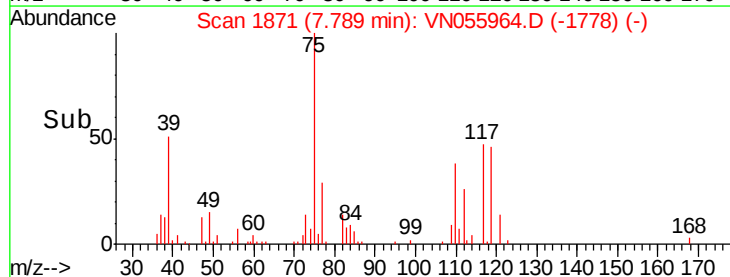
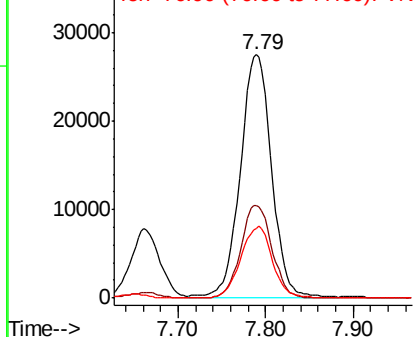


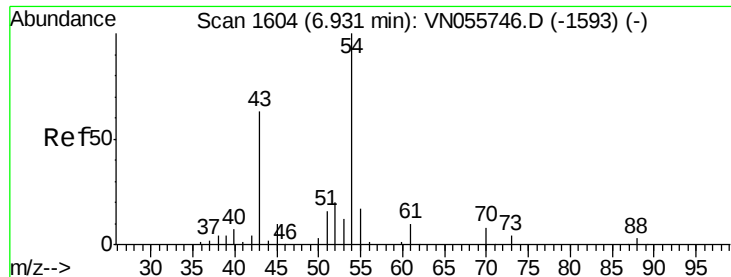
#36
 1,1-Dichloropropene
 Concen: 18.001 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion: 75 Resp: 68340
 Ion Ratio Lower Upper
 75 100
 110 37.5 19.0 57.0
 77 29.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

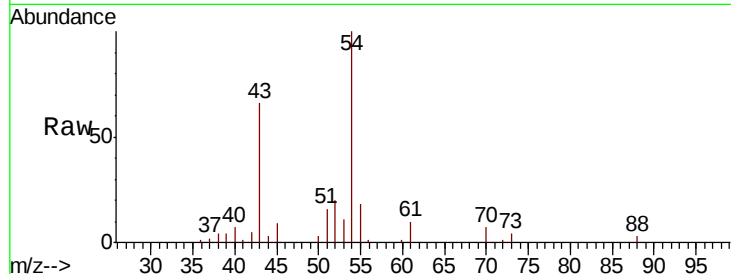




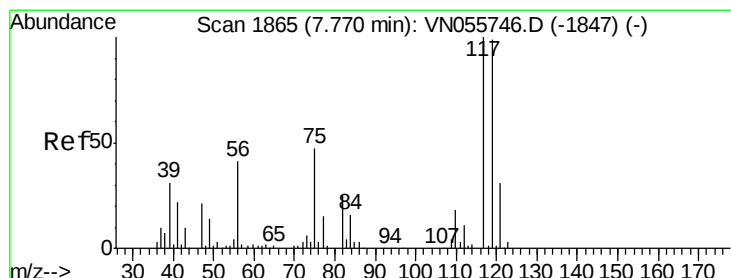
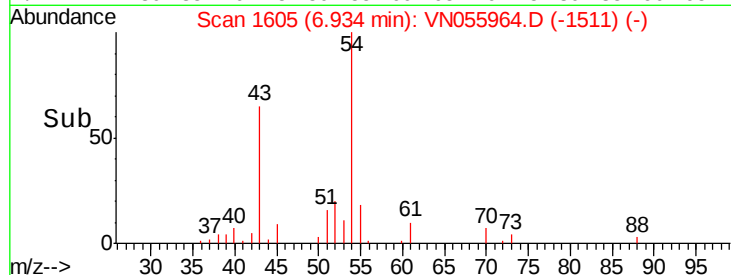
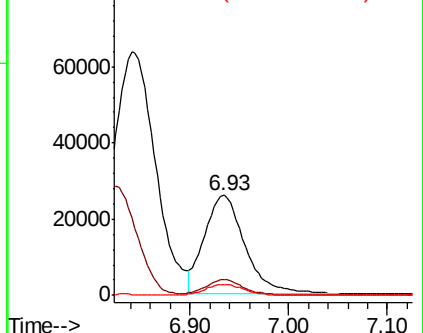
#37
Ethyl Acetate
Concen: 20.168 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 74000
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 10.6 8.9 13.3

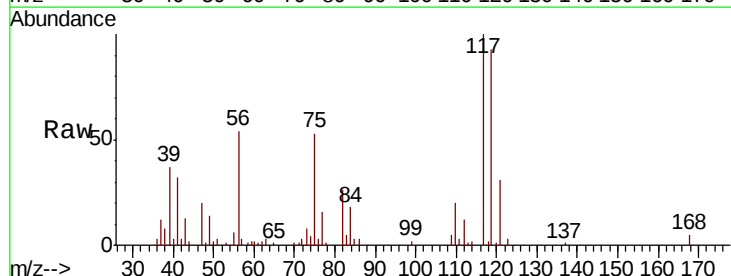


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

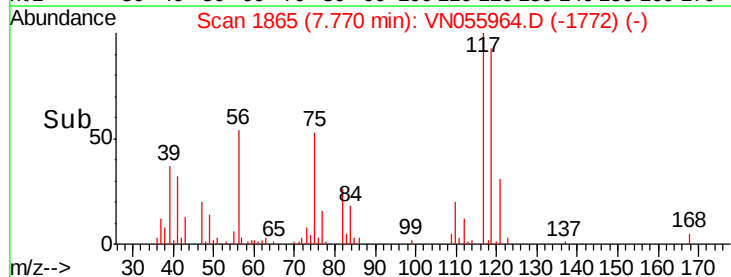
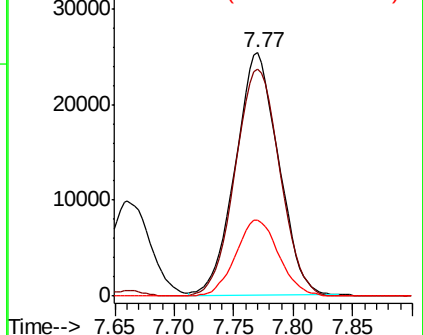


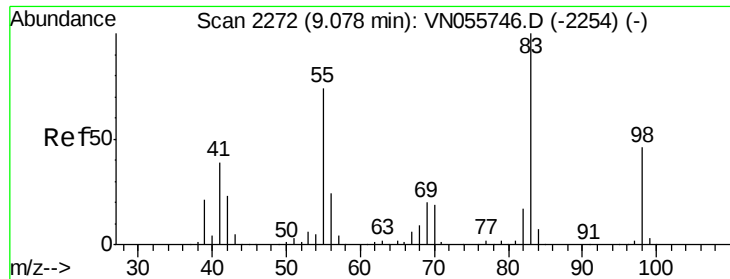
#38
Carbon Tetrachloride
Concen: 16.038 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 117 Resp: 63420
Ion Ratio Lower Upper
117 100
119 94.0 79.0 118.6
121 31.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

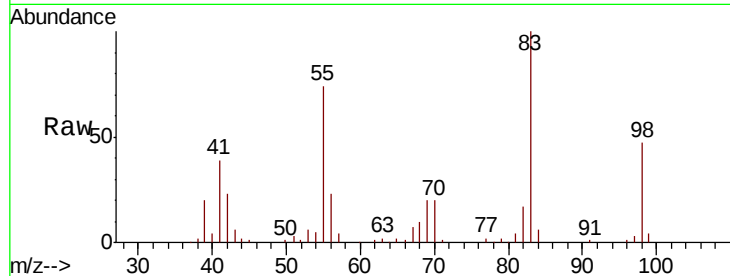




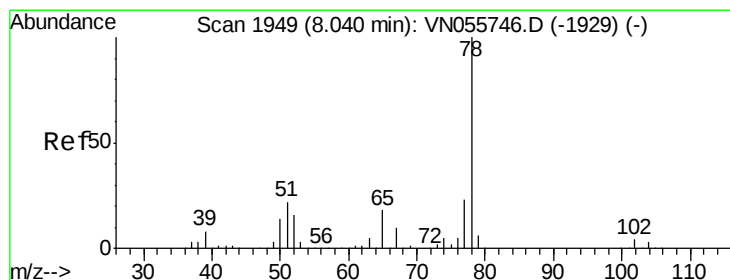
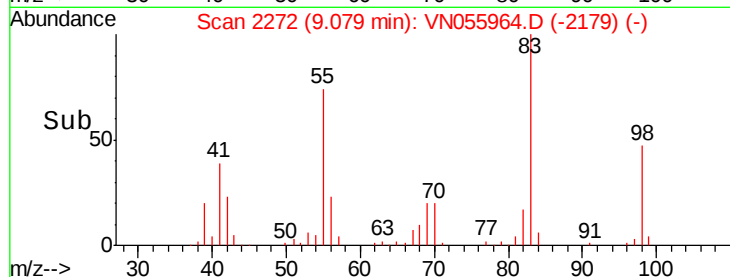
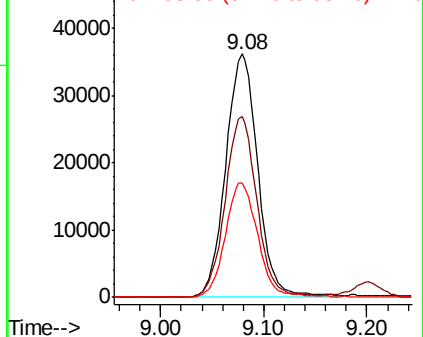
#39
Methvlcvclohexane
Concen: 16.729 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 78646
Ion Ratio Lower Upper
83 100
55 74.2 59.3 88.9
98 46.8 36.6 54.8

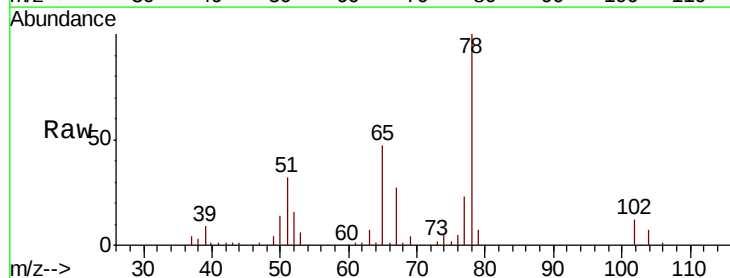


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

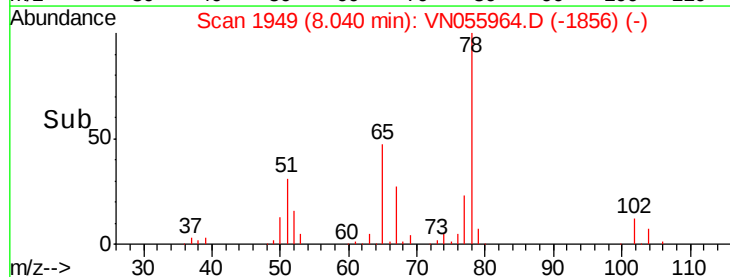
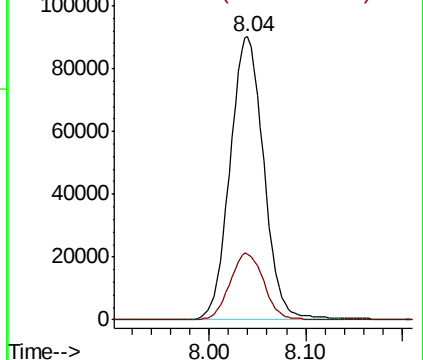


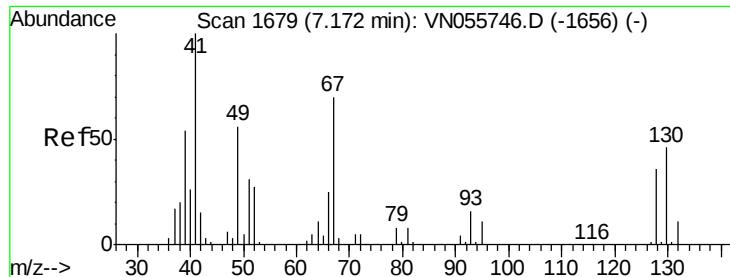
#40
Benzene
Concen: 19.105 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 78 Resp: 218593
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

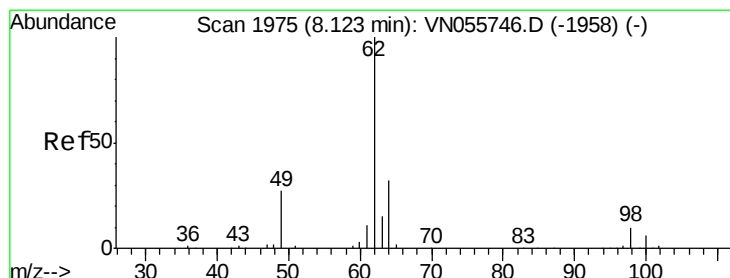
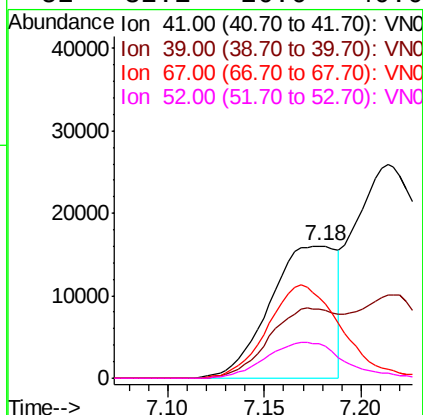
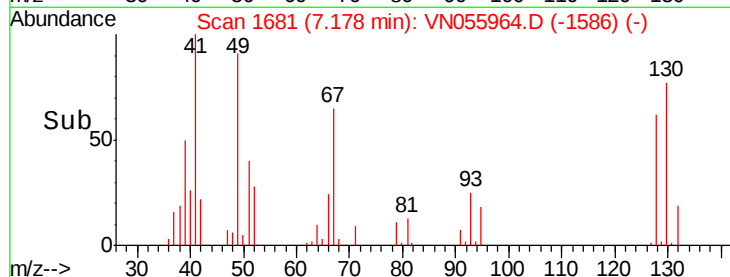
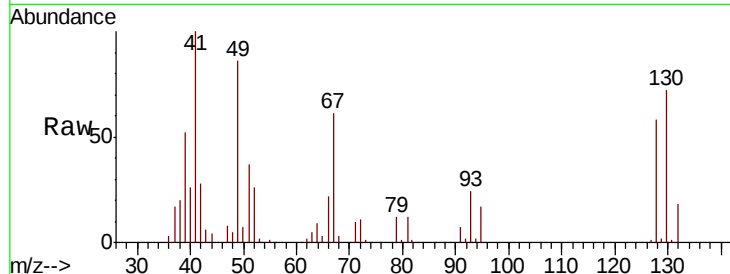




#41
Methacrylonitrile
Concen: 20.798 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

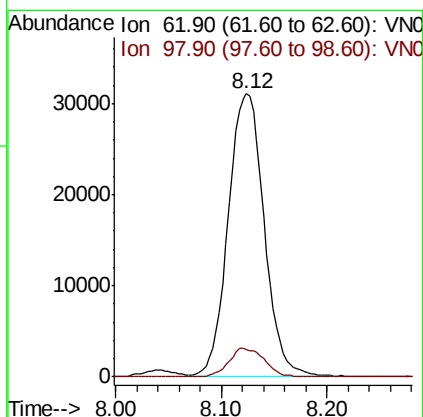
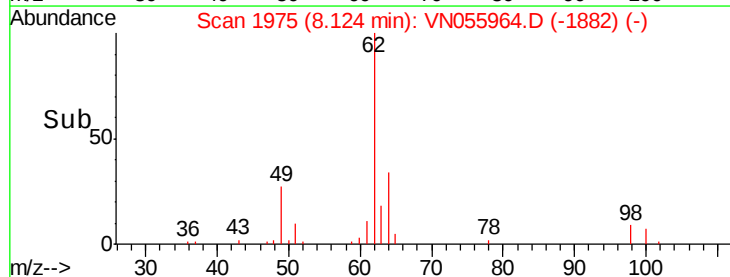
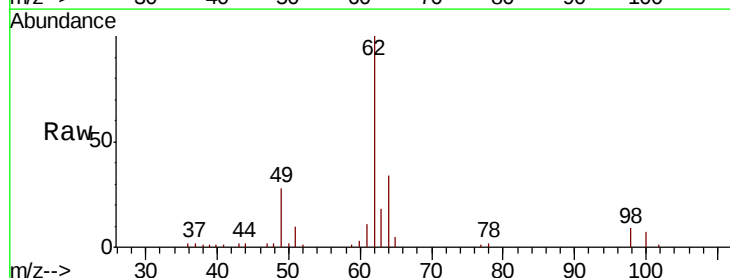
Instrument :
MSVOA_N
ClientSampled :

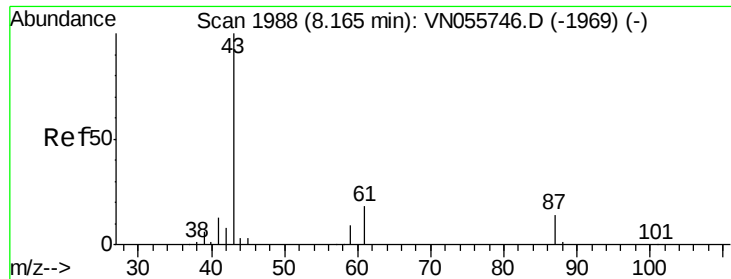
Tot Ion: 41 Resp: 38554
Ion Ratio Lower Upper
41 100
39 55.9 45.6 68.4
67 78.4 67.7 101.5
52 32.1 26.6 40.0



#42
1,2-Dichloroethane
Concen: 19.703 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 62 Resp: 73663
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43

Isopropyl Acetate

Concen: 18.924 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

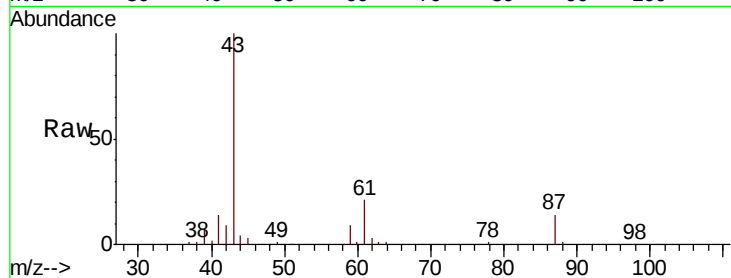
Tot Ion: 43 Resp: 116666

Ion Ratio Lower Upper

43 100

61 27.5 22.2 33.4

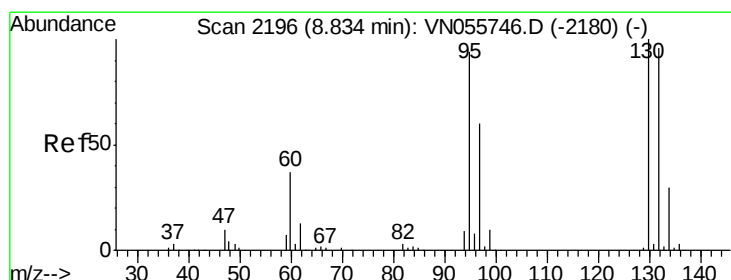
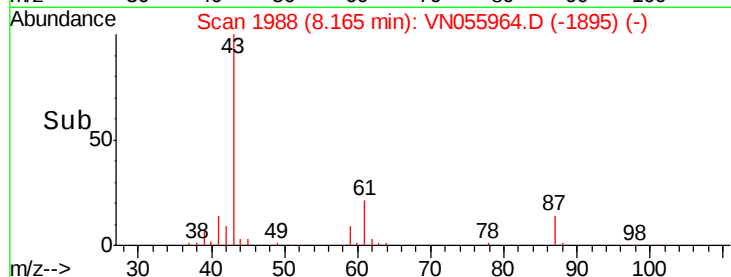
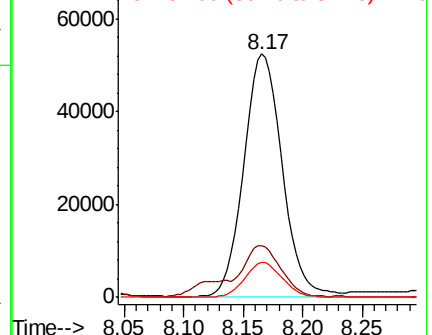
87 14.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055964.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055964.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055964.D (-1969) (-)



#44

Trichloroethene

Concen: 19.262 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055964.D

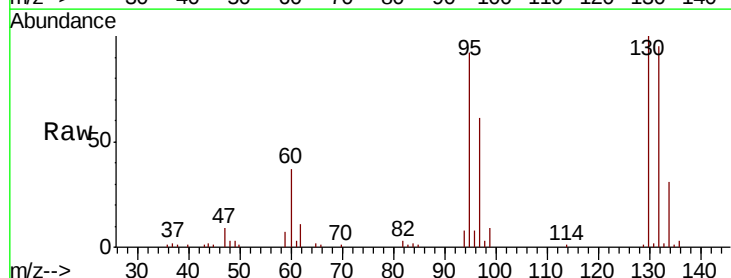
Acq: 3 Jun 2019 16:20

Tgt Ion:130 Resp: 61440

Ion Ratio Lower Upper

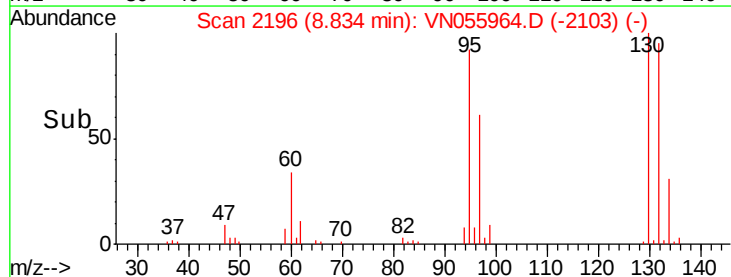
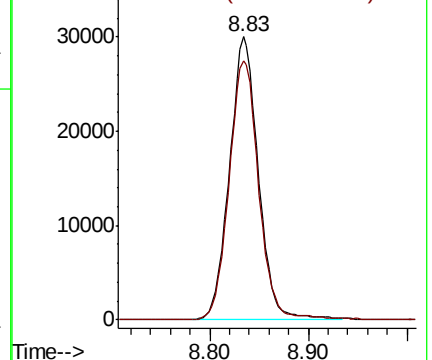
130 100

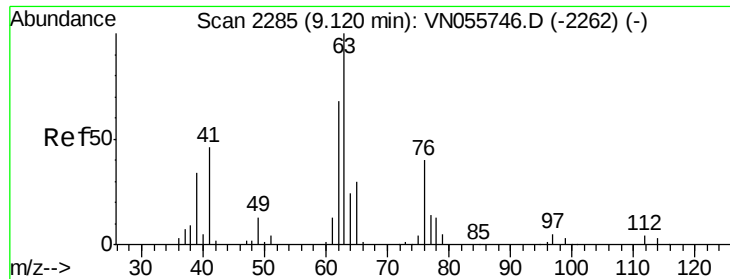
95 91.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055964.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055964.D (-2180) (-)

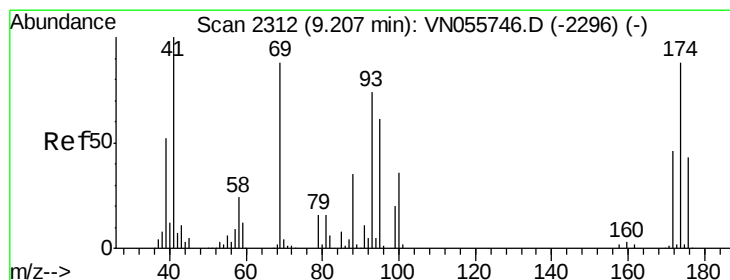
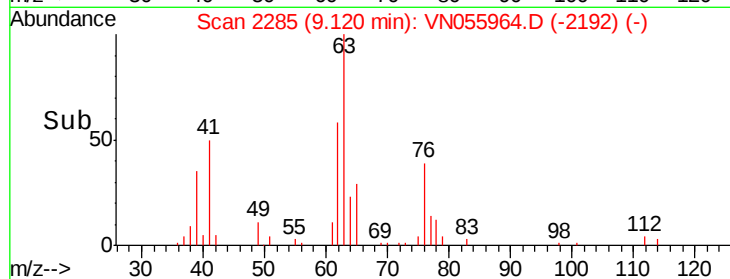
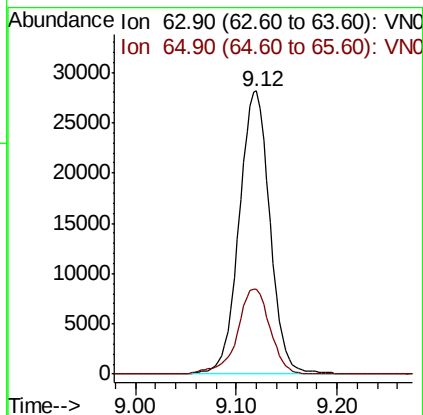
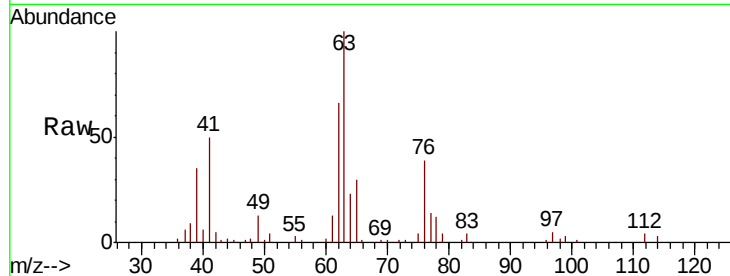




#45
 1,2-Dichloropropane
 Concen: 19.894 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

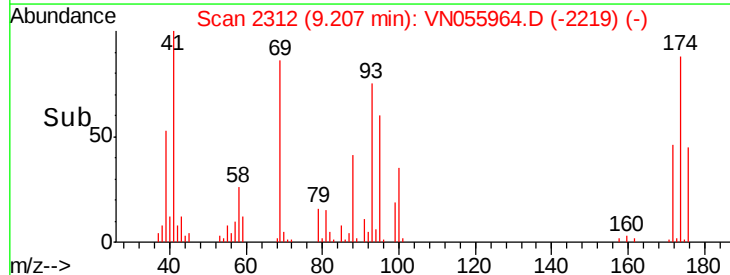
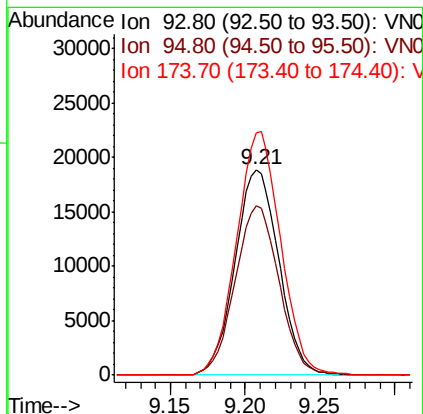
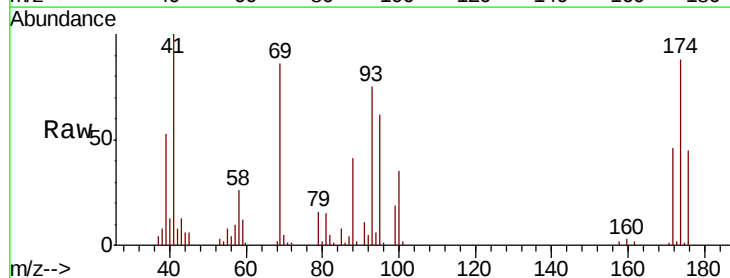
Instrument :
 MSVOA_N
 ClientSampleId :

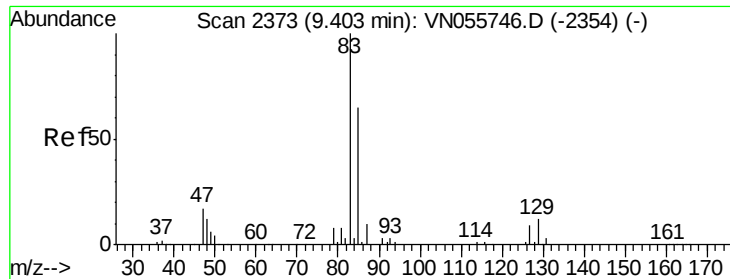
Tot Ion: 63 Resp: 59304
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 36.8



#46
 Dibromomethane
 Concen: 19.622 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion: 93 Resp: 38360
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 119.8 96.4 144.6





#47

Bromodichloromethane

Concen: 16.800 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :

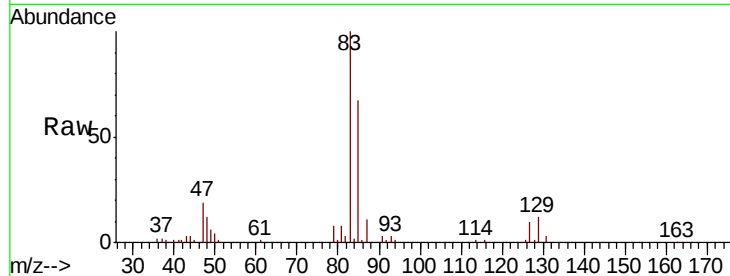
Tot Ion: 83 Resp: 67347

Ion Ratio Lower Upper

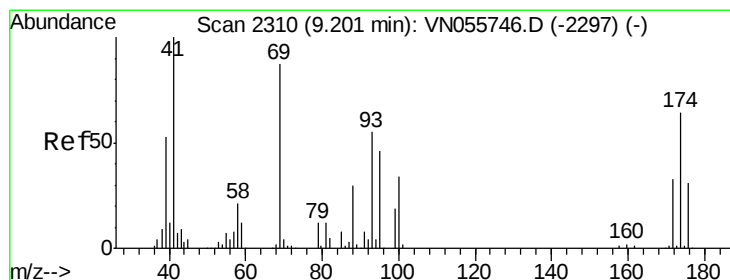
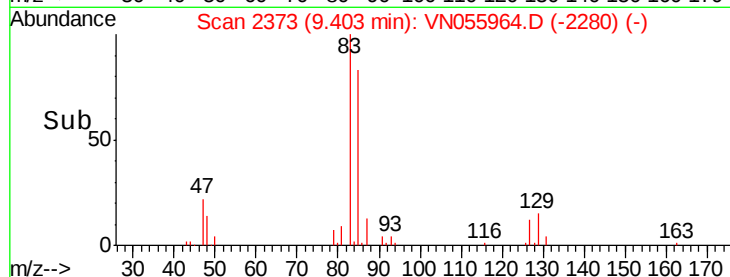
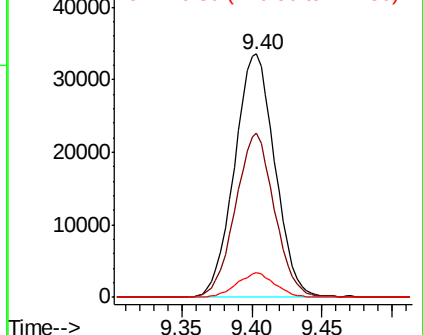
83 100

85 67.3 52.2 78.2

127 10.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.949 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

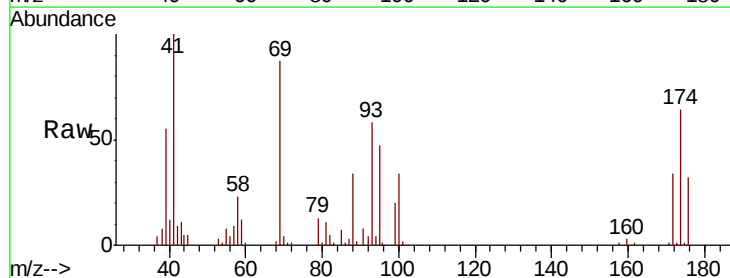
Tgt Ion: 41 Resp: 56679

Ion Ratio Lower Upper

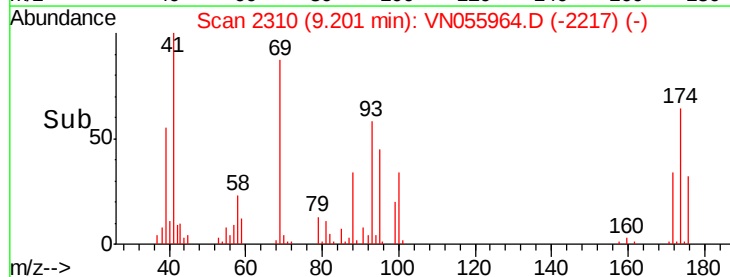
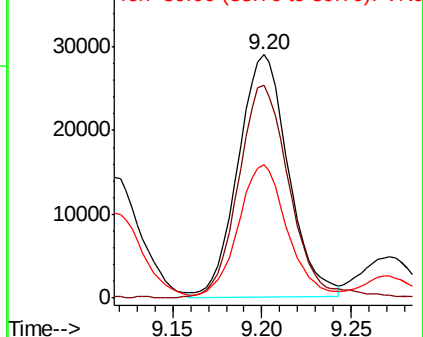
41 100

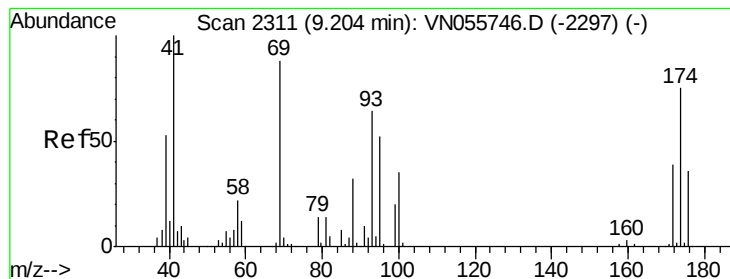
69 90.0 71.0 106.6

39 53.0 44.2 66.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 437.017 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

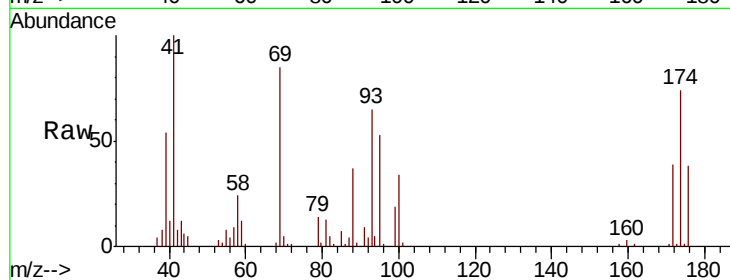
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 88 Resp: 25803

Ion	Ratio	Lower	Upper
88	100		
43	26.5	20.5	30.7
58	63.0	55.8	83.6

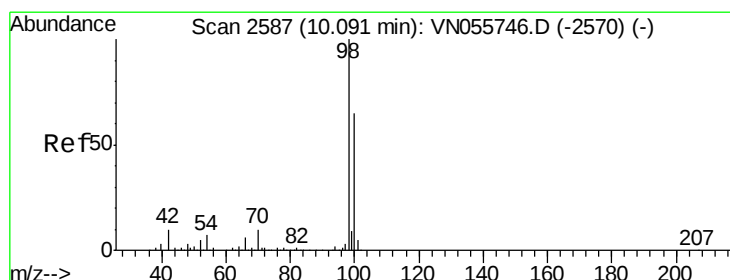
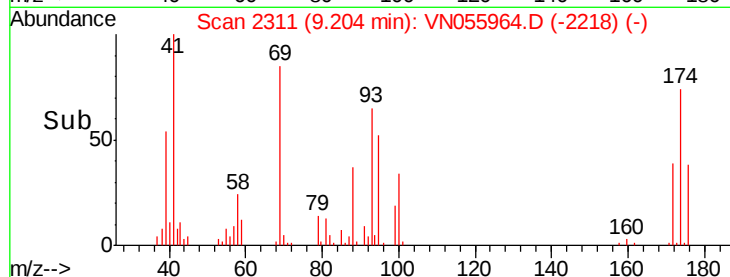
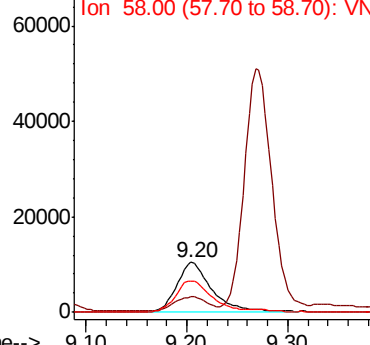


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.963 ug/l

RT: 10.09 min Scan# 2586

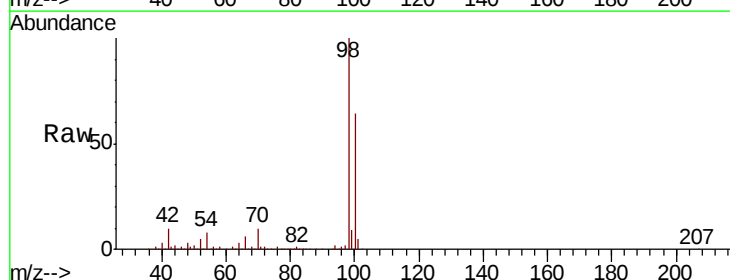
Delta R.T. -0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Tgt Ion: 98 Resp: 527856

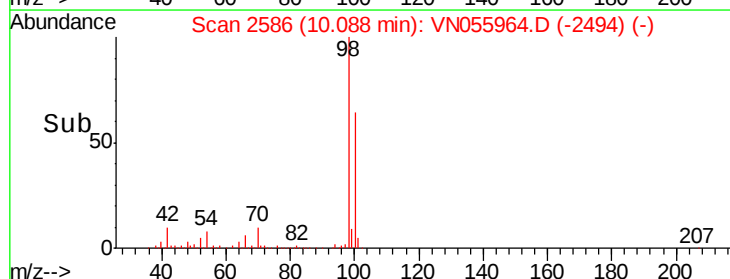
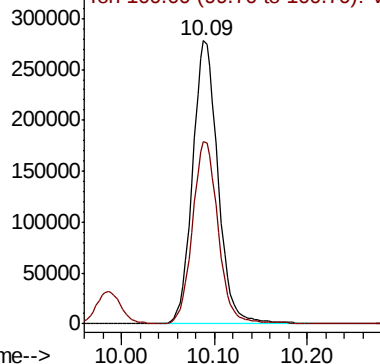
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9

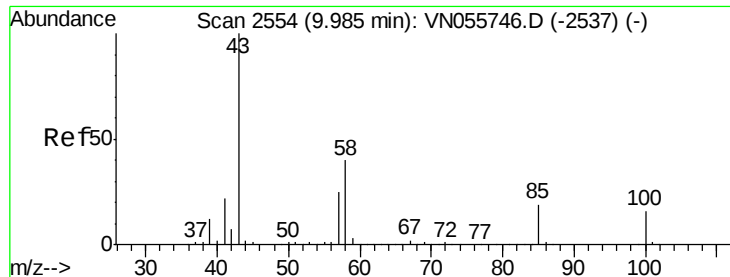


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 103.210 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

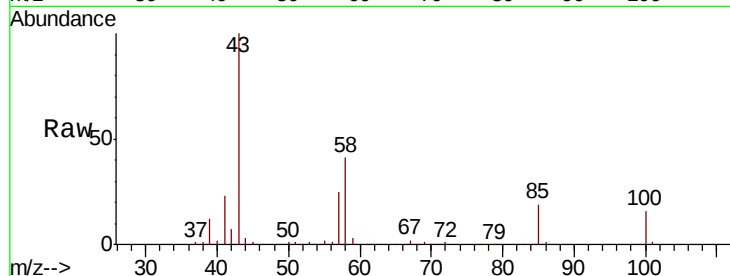
ClientSampled :

Tot Ion: 43 Resp: 375787

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

200000

150000

100000

50000

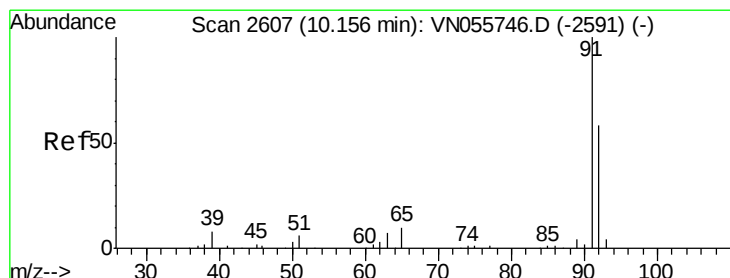
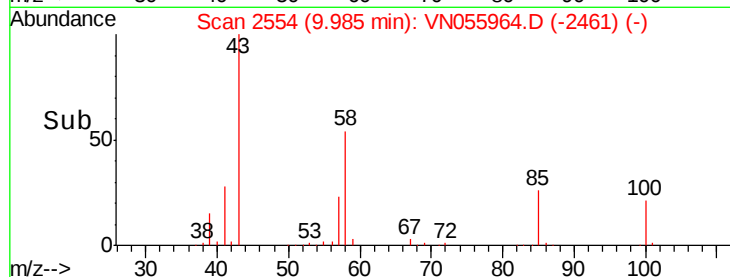
0

9.90

10.00

10.10

Time-->



#52

Toluene

Concen: 19.391 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055964.D

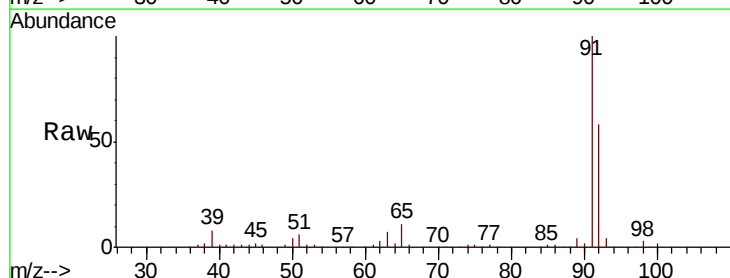
Acq: 3 Jun 2019 16:20

Tgt Ion: 92 Resp: 139536

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

50000

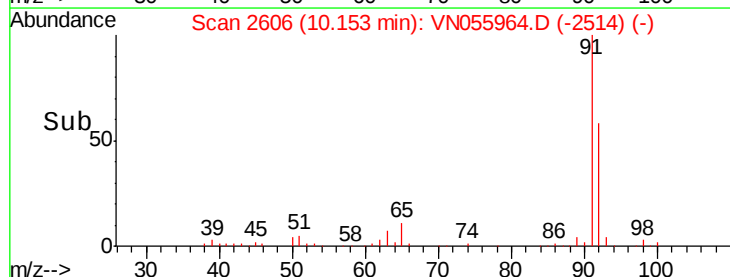
0

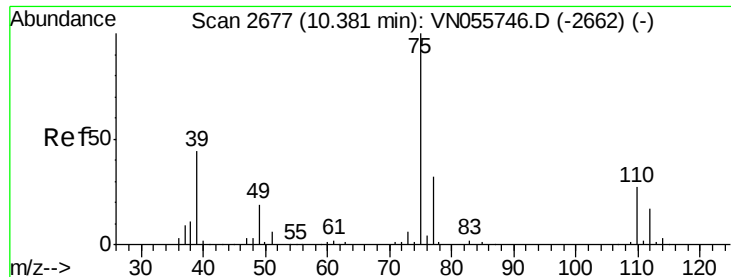
10.10

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.413 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

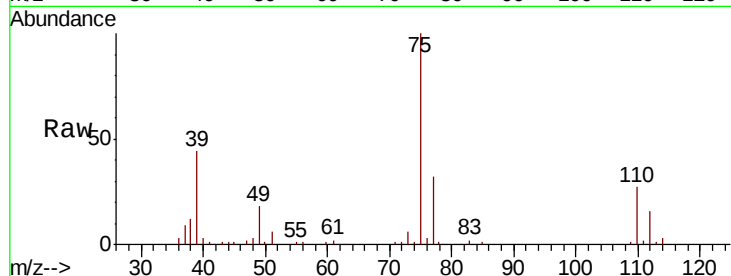
ClientSampleId :

Tot Ion: 75 Resp: 70231

Ion Ratio Lower Upper

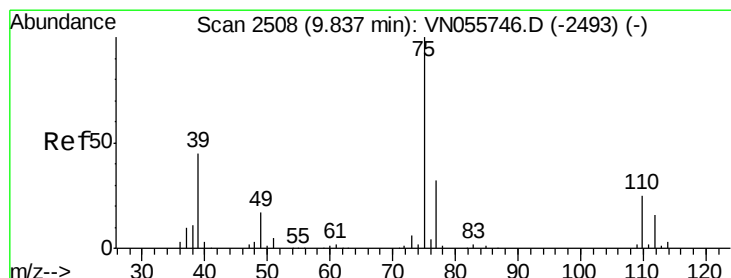
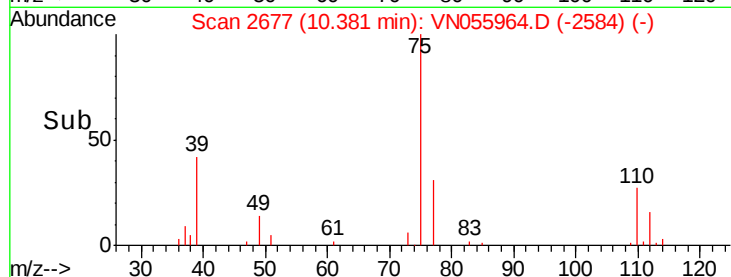
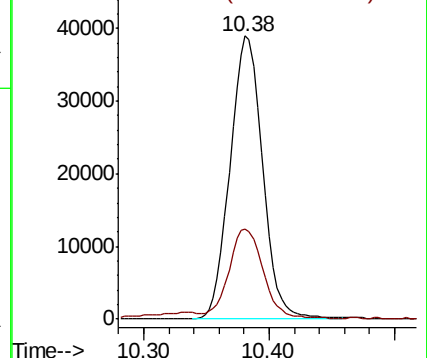
75 100

77 32.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.100 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

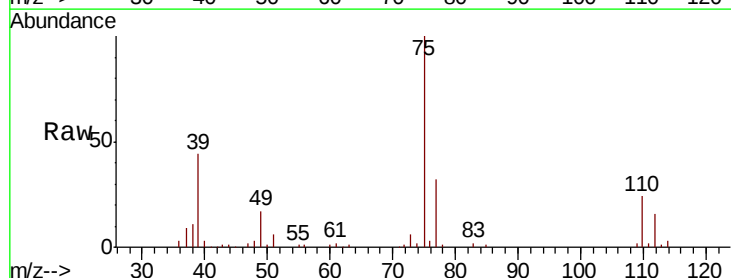
Tgt Ion: 75 Resp: 81058

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

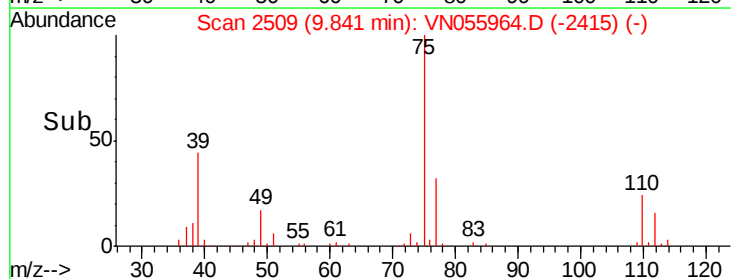
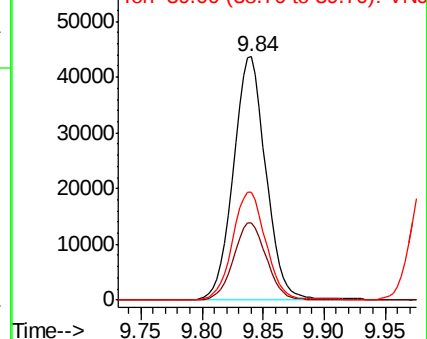
39 44.3 36.3 54.5

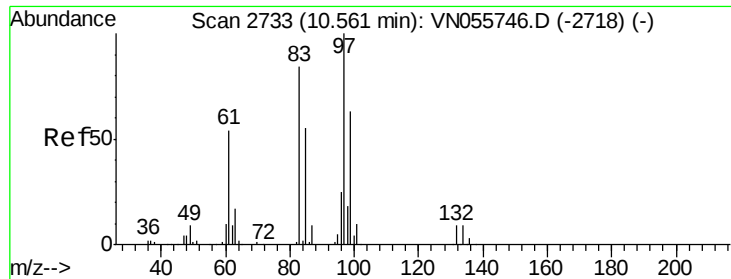


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

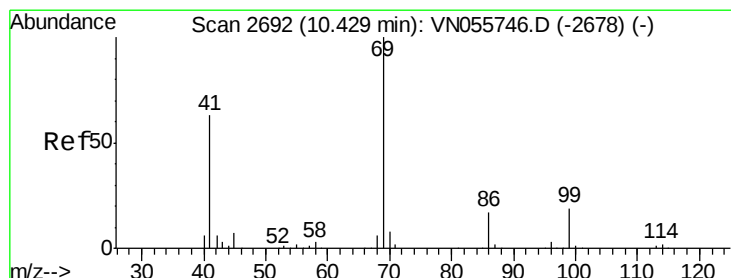
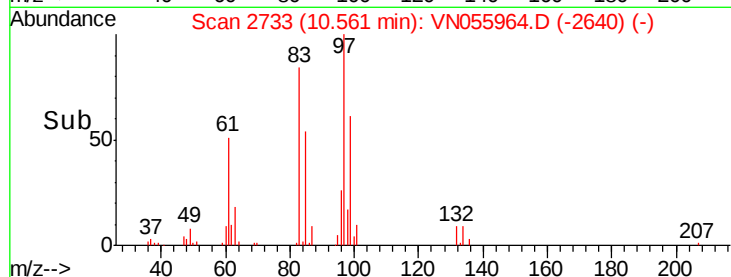
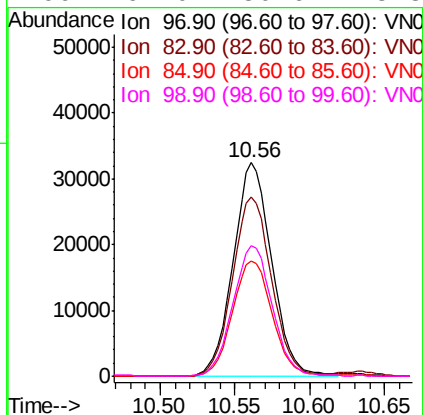
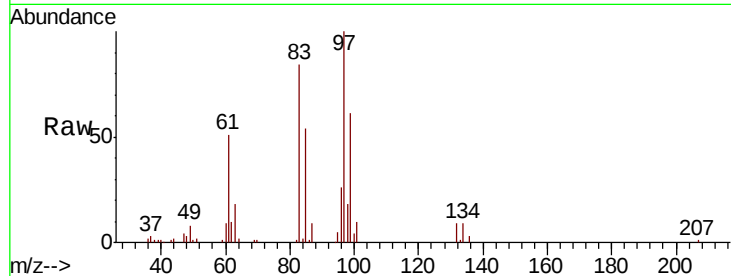




#55
 1,1,2-Trichloroethane
 Concen: 20.168 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

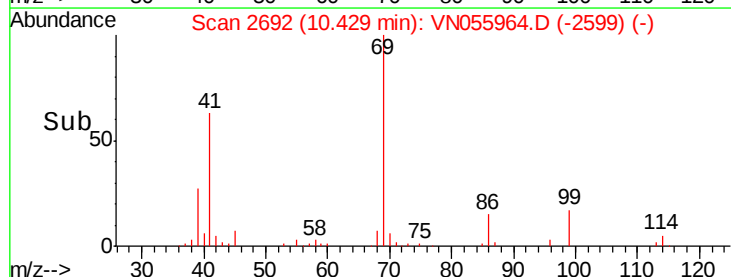
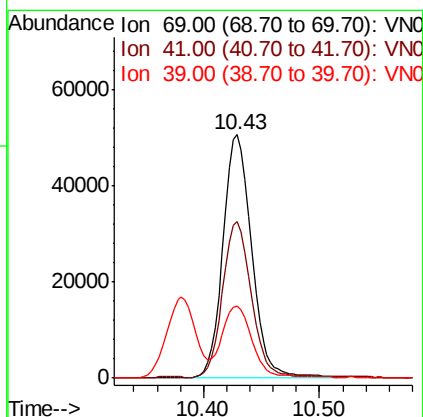
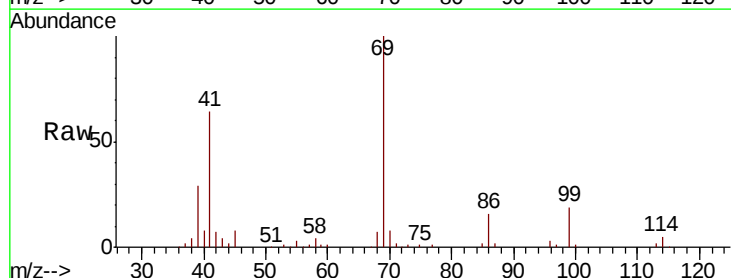
Instrument :
 MSVOA_N
 ClientSampled :

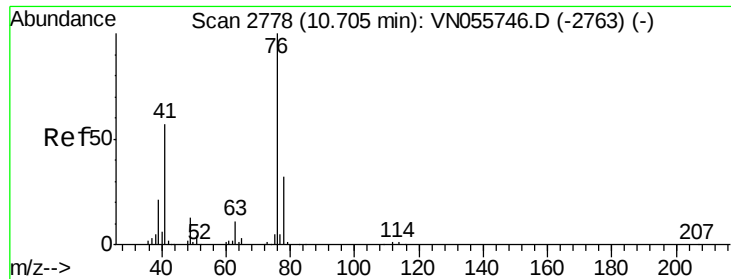
Tot Ion:	97	Resp:	58139
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	53.8	44.0	66.0
99	61.0	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.546 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion:	69	Resp:	87082
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.7	74.5
39	30.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 19.917 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

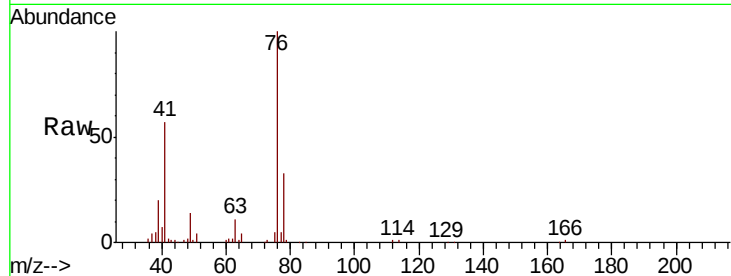
ClientSampled :

Tot Ion: 76 Resp: 93327

Ion Ratio Lower Upper

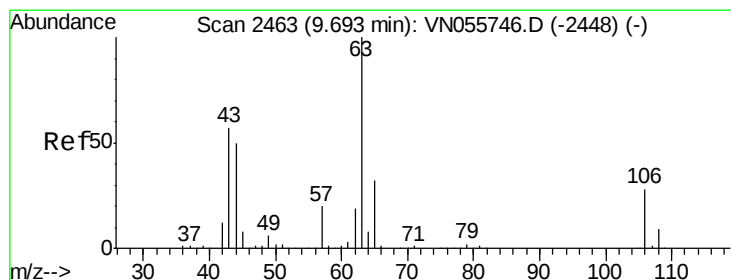
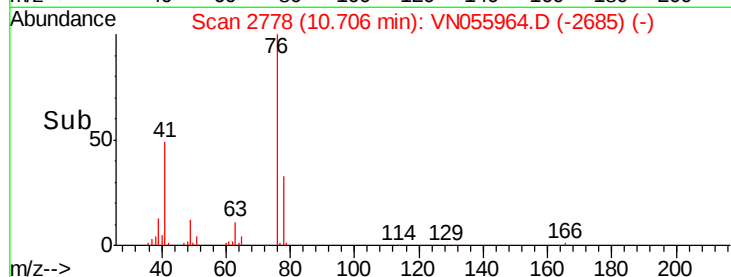
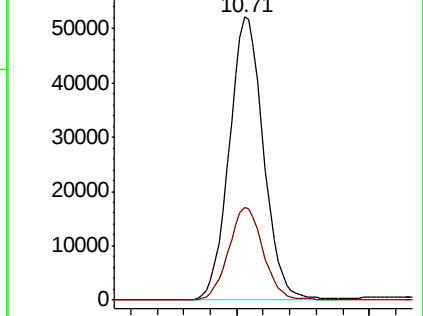
76 100

78 33.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN055746.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN055746.D (-2763) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 102.901 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055964.D

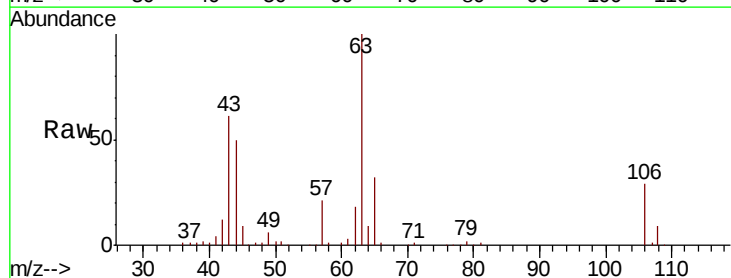
Acq: 3 Jun 2019 16:20

Tgt Ion: 63 Resp: 175200

Ion Ratio Lower Upper

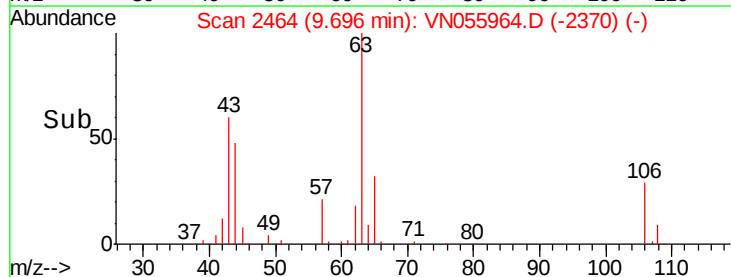
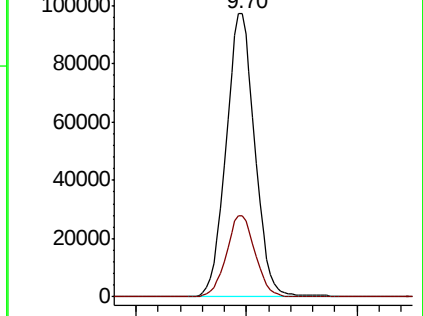
63 100

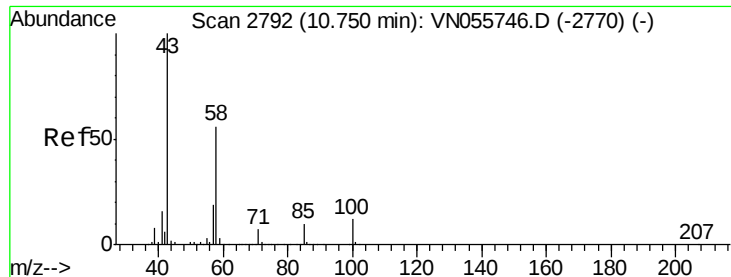
106 28.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN055746.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN055746.D (-2448) (-)

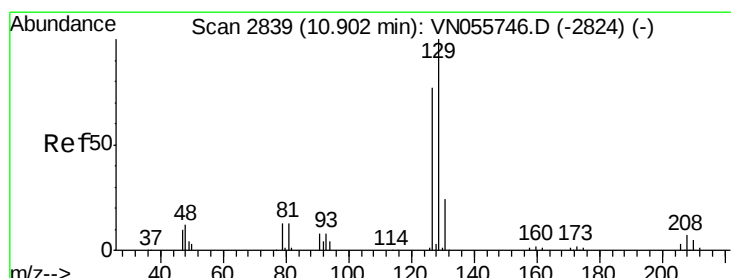
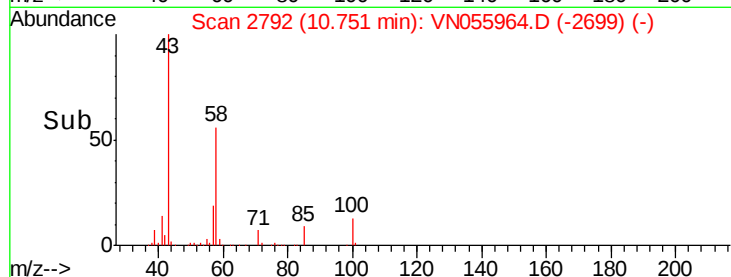
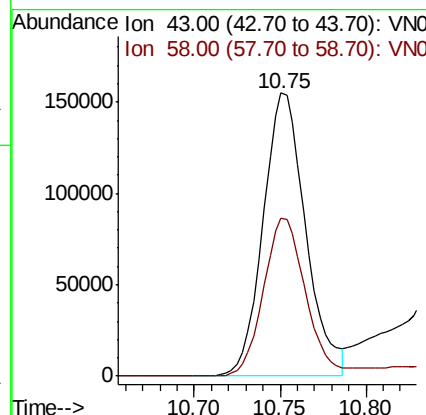
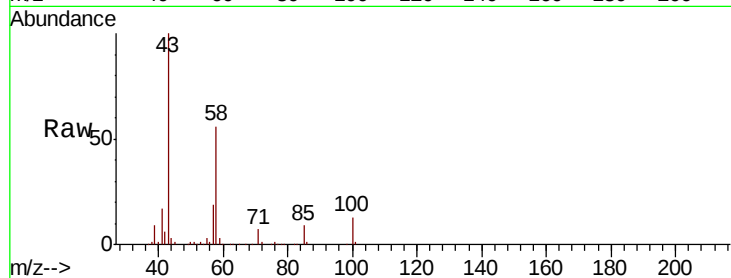




#59
2-Hexanone
Concen: 102.518 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

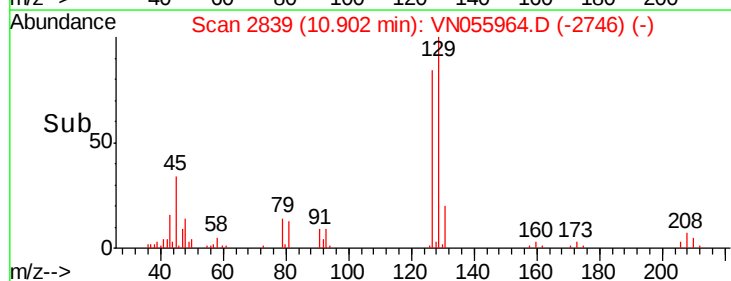
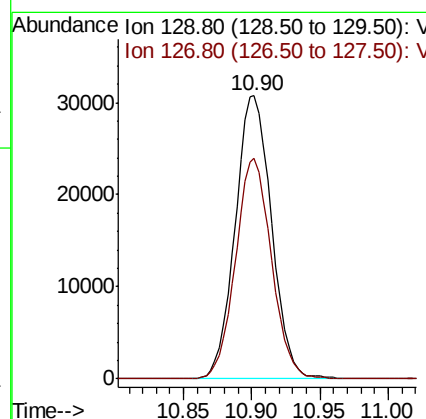
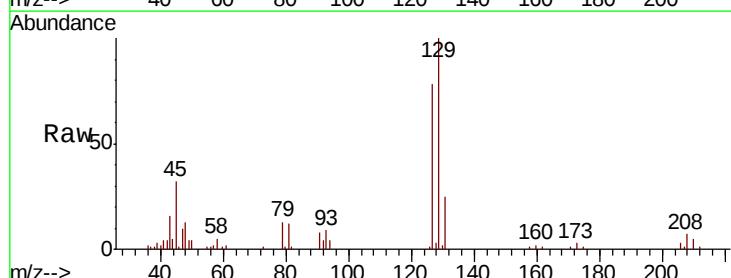
Instrument :
MSVOA_N
ClientSampleId :

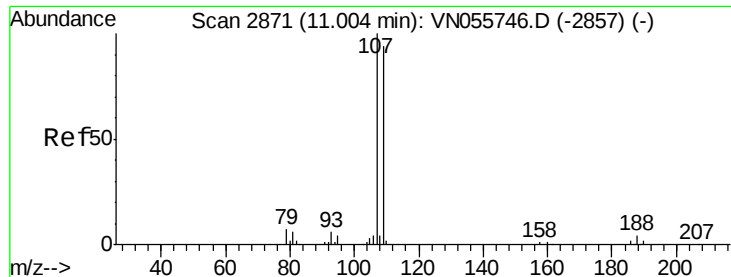
Tot Ion: 43 Resp: 264800
Ion Ratio Lower Upper
43 100
58 55.3 28.2 84.7



#60
Dibromochloromethane
Concen: 16.930 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 129 Resp: 56856
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3

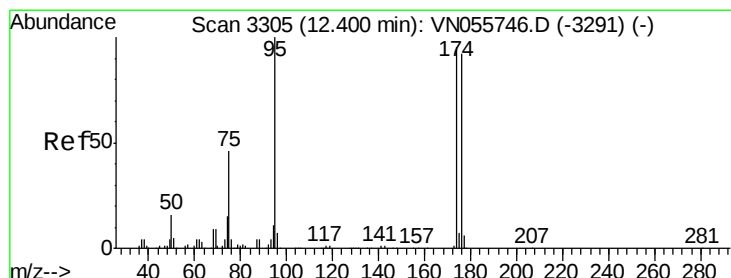
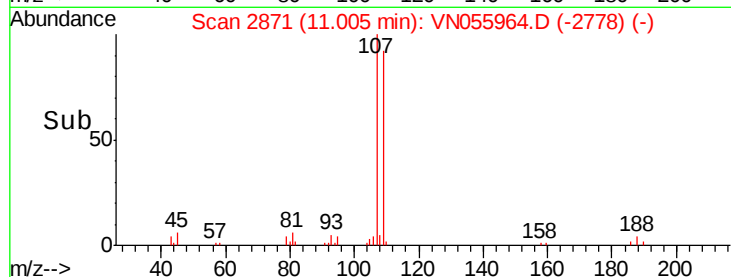
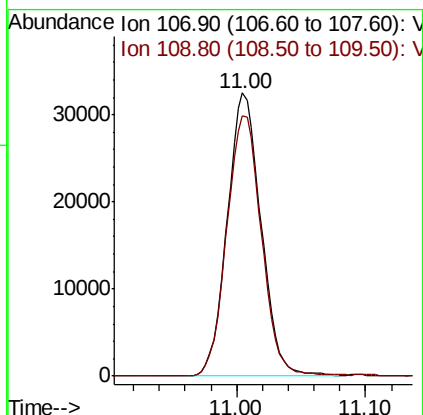
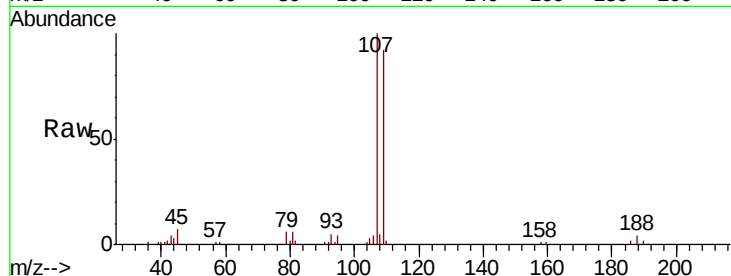




#61
 1,2-Dibromoethane
 Concen: 19.717 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

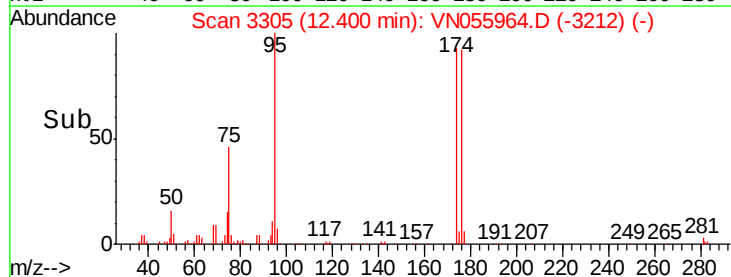
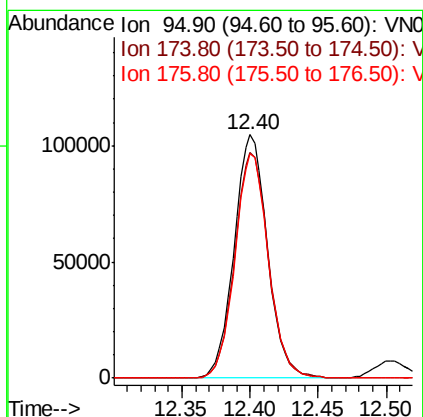
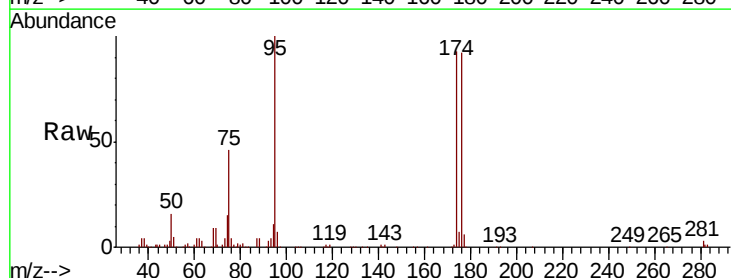
Instrument :
 MSVOA_N
 ClientSampleId :

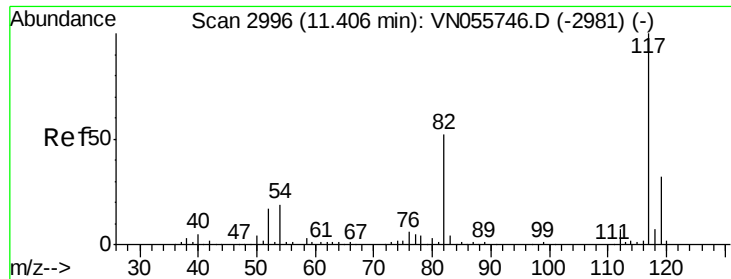
Tot Ion:107 Resp: 58958
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.915 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion: 95 Resp: 177200
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 191.0
 176 92.3 0.0 185.2

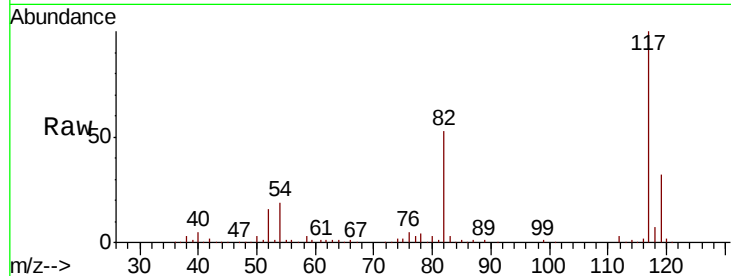




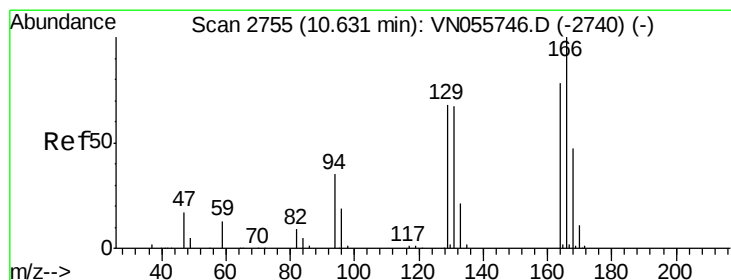
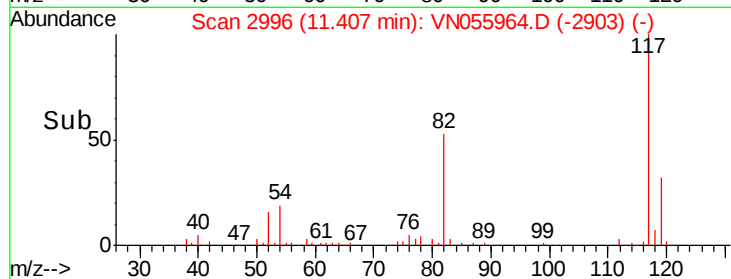
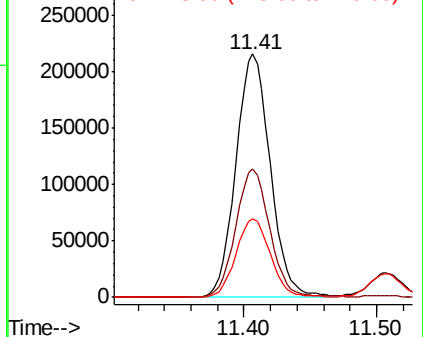
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 388354
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.1 25.4 38.0

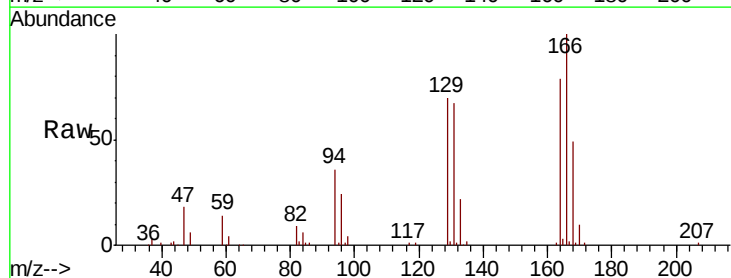


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

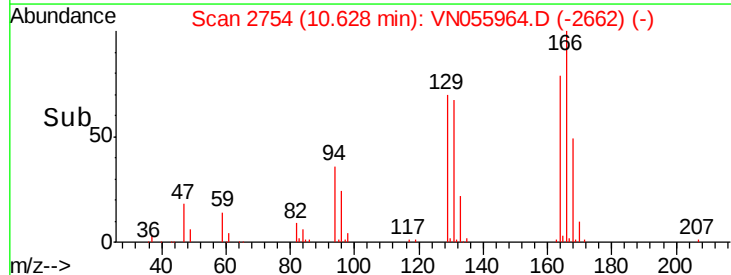
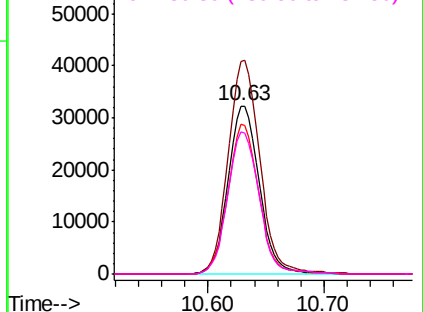


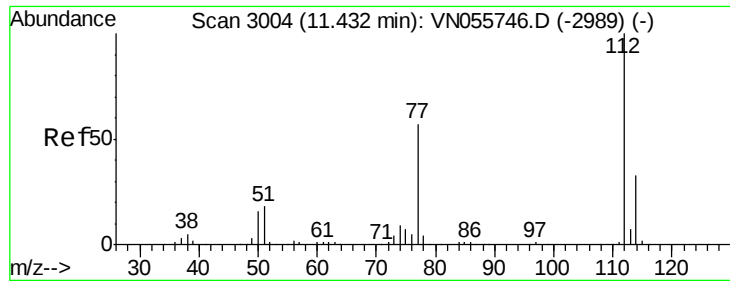
#64
Tetrachloroethene
Concen: 18.404 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion:164 Resp: 60281
Ion Ratio Lower Upper
164 100
166 126.1 103.0 154.6
129 88.9 70.6 105.8
131 84.3 68.6 102.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

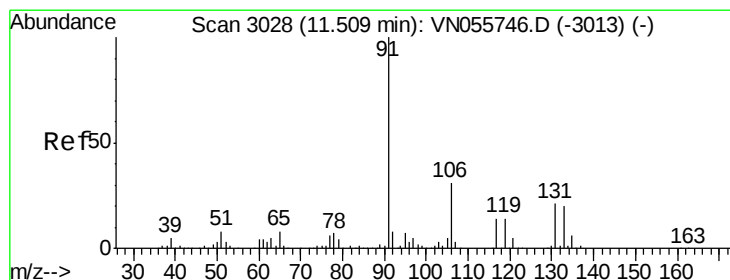
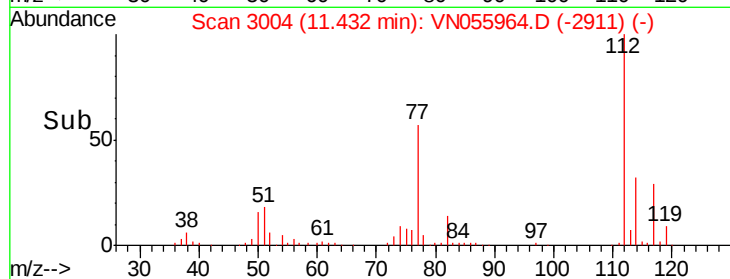
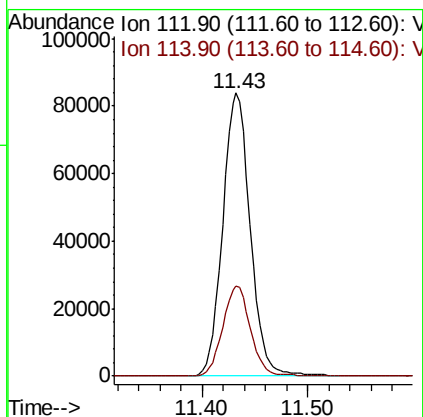
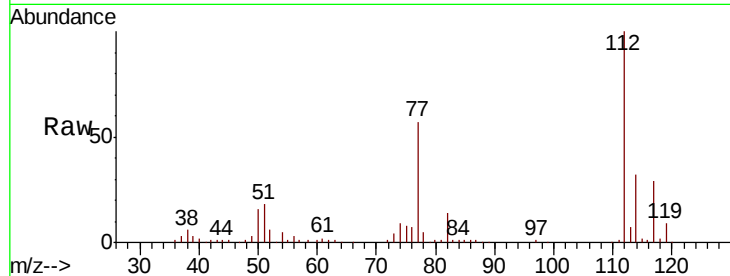




#65
Chlorobenzene
Concen: 19.430 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

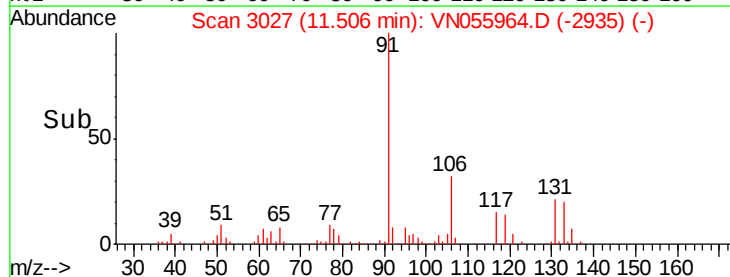
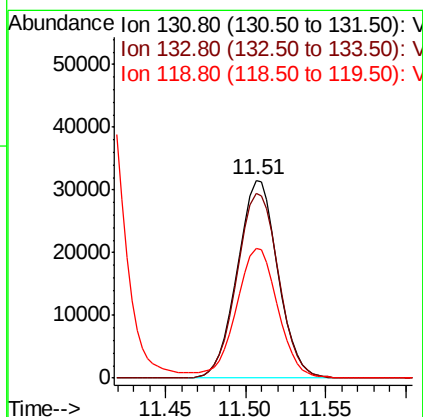
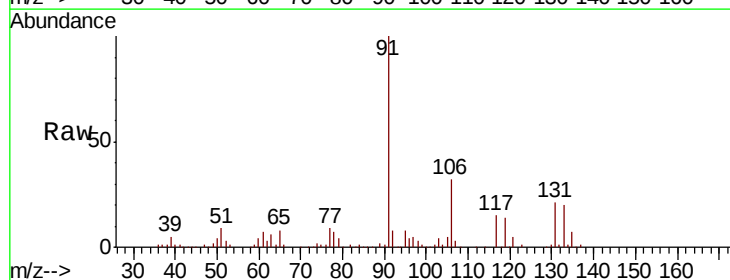
Instrument :
MSVOA_N
ClientSampled :

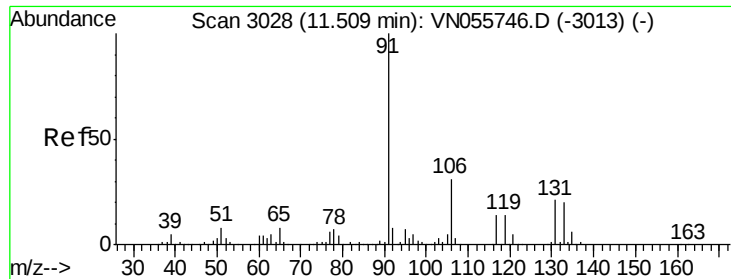
Tot Ion:112 Resp: 151053
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.536 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion:131 Resp: 54375
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 67.7 33.1 99.5

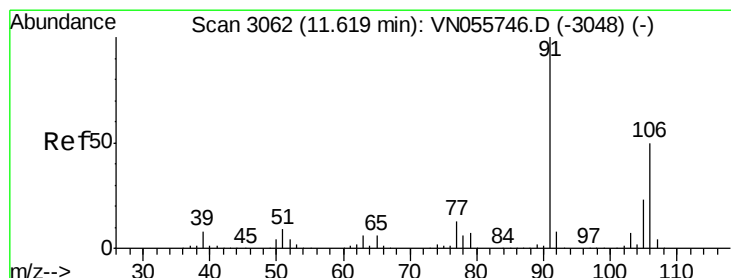
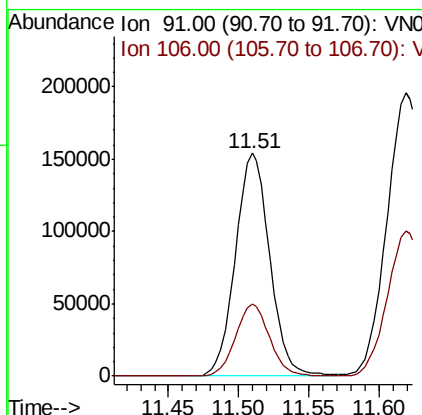
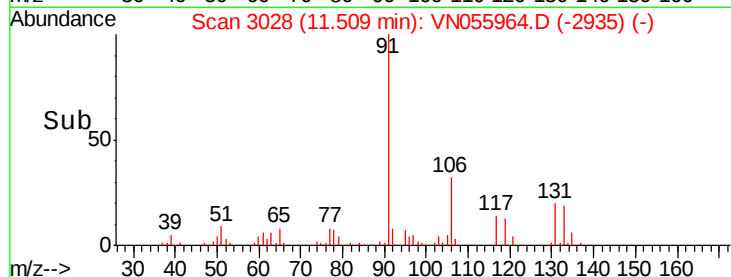
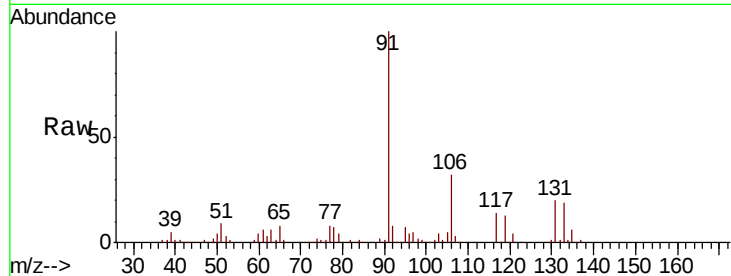




#67
Ethyl Benzene
Concen: 18.879 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

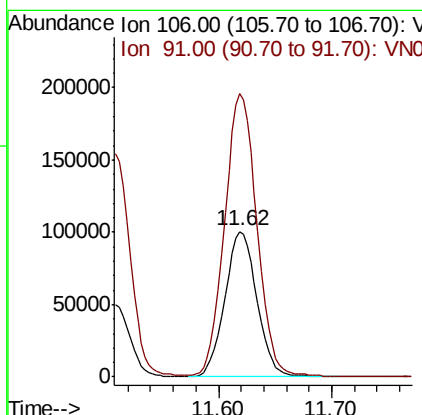
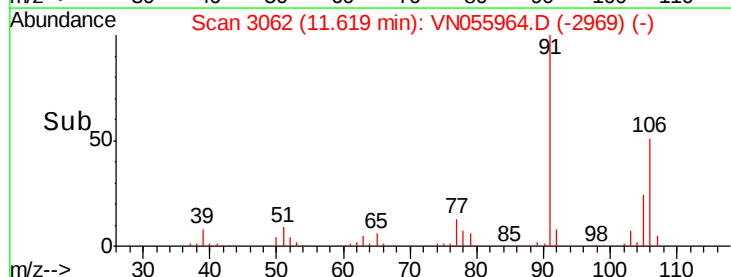
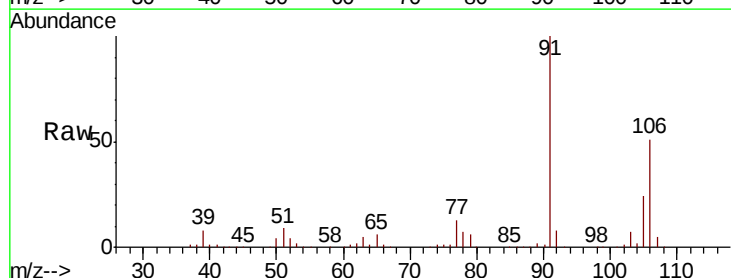
Instrument :
MSVOA_N
ClientSampled :

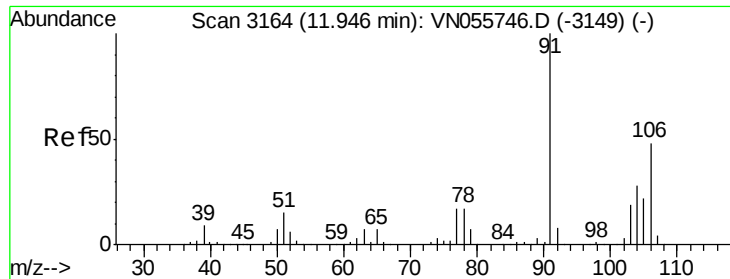
Tot Ion: 91 Resp: 263204
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 37.608 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 106 Resp: 198218
Ion Ratio Lower Upper
106 100
91 196.5 159.3 238.9

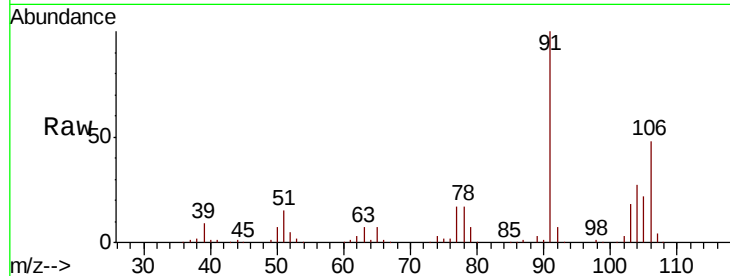




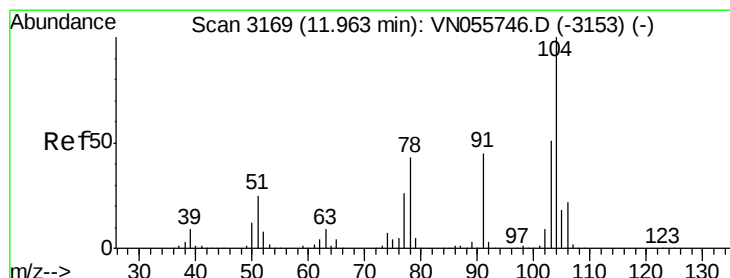
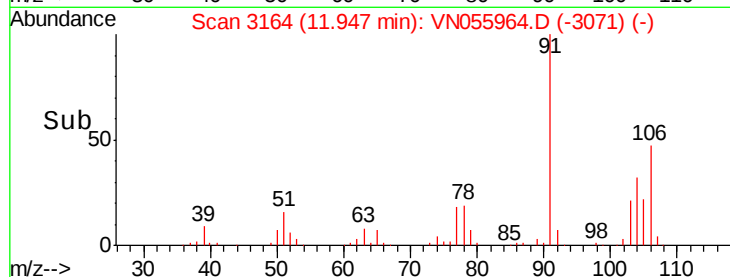
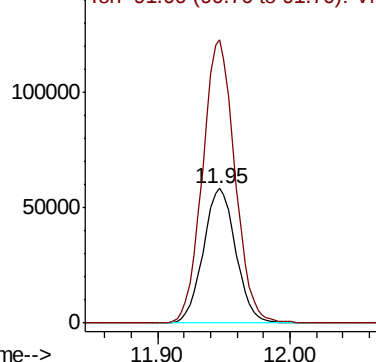
#69
o-Xylene
Concen: 19.064 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 99687
Ion Ratio Lower Upper
106 100
91 209.0 104.7 314.1

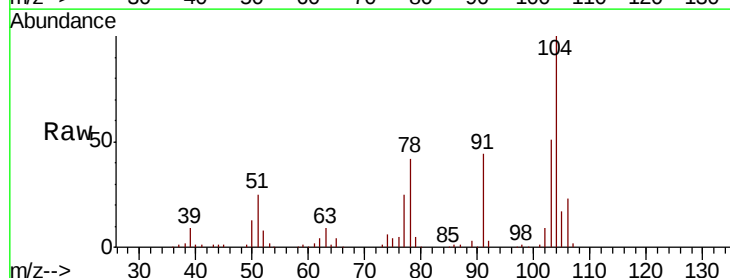


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

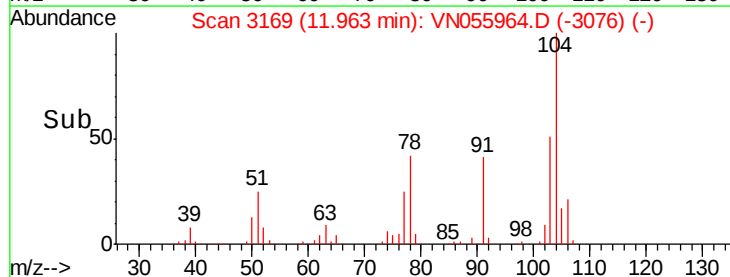
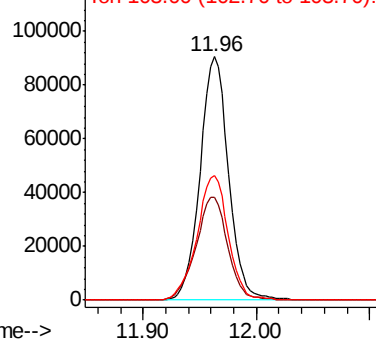


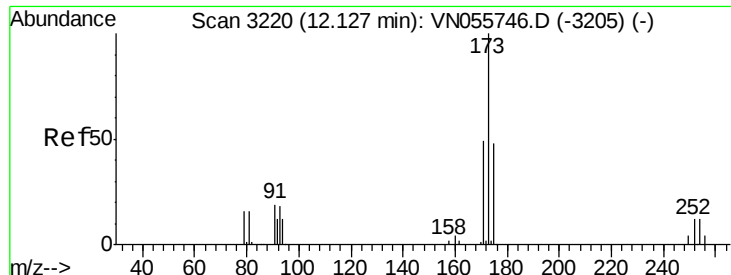
#70
Styrene
Concen: 18.753 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion:104 Resp: 158804
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.6
103 56.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 14.011 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

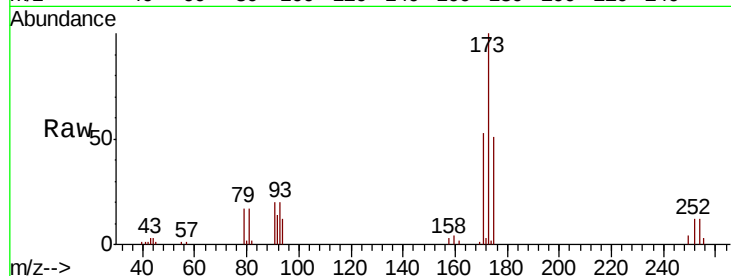
Tot Ion:173 Resp: 37055

Ion Ratio Lower Upper

173 100

175 50.0 24.3 72.8

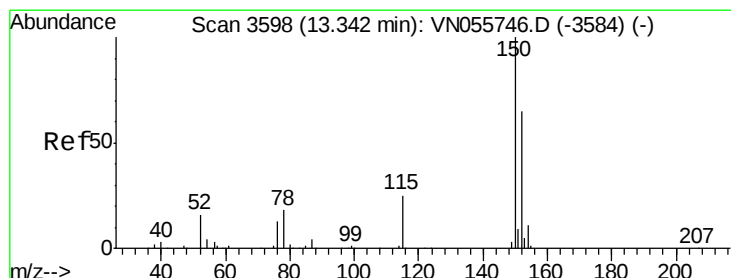
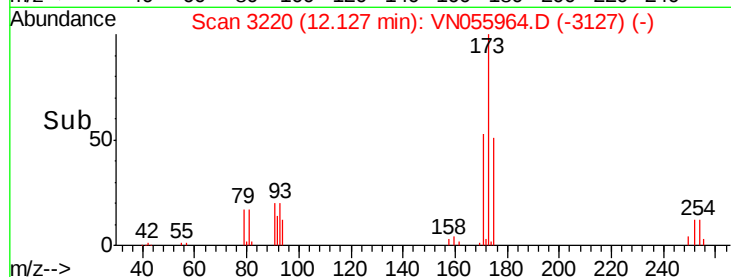
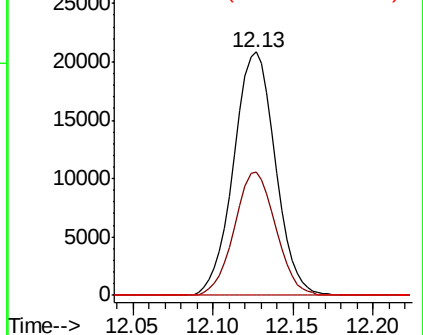
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

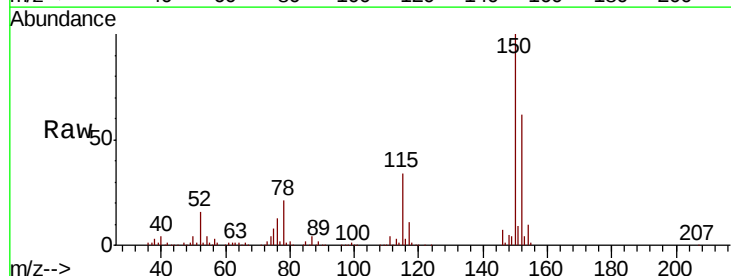
Tgt Ion:152 Resp: 160182

Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

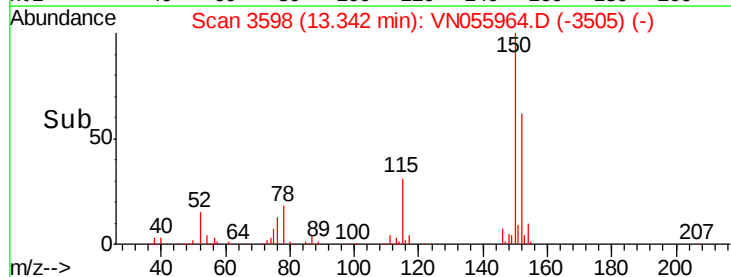
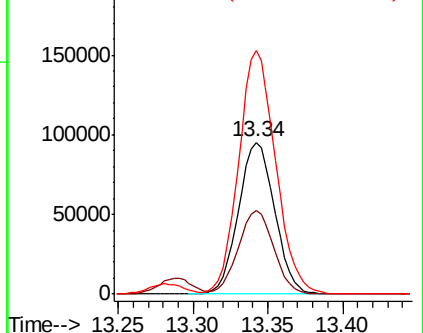
150 164.2 0.0 343.2

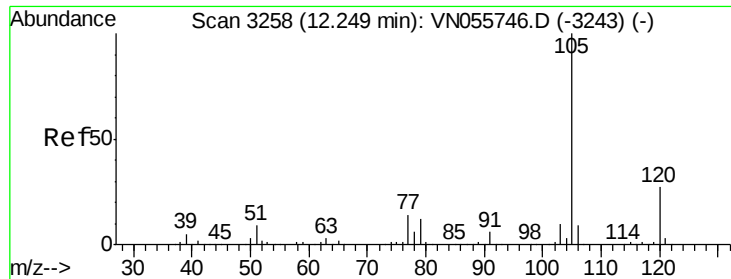


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.372 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

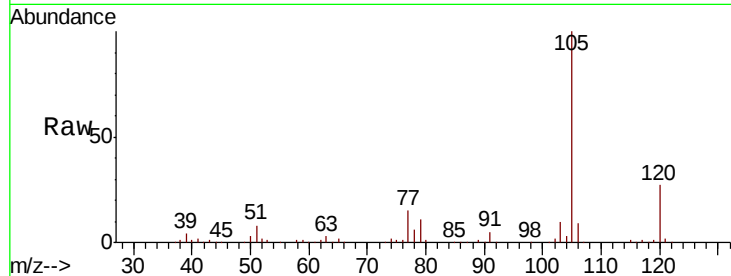
ClientSampleId :

Tot Ion:105 Resp: 260922

Ion Ratio Lower Upper

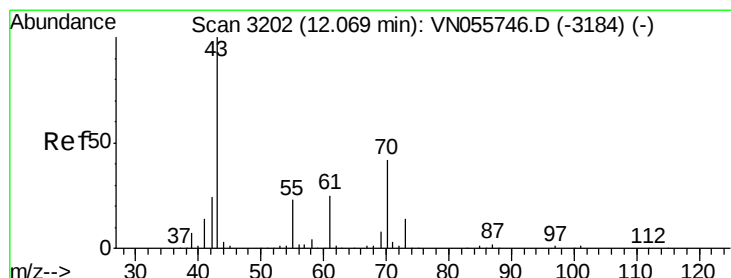
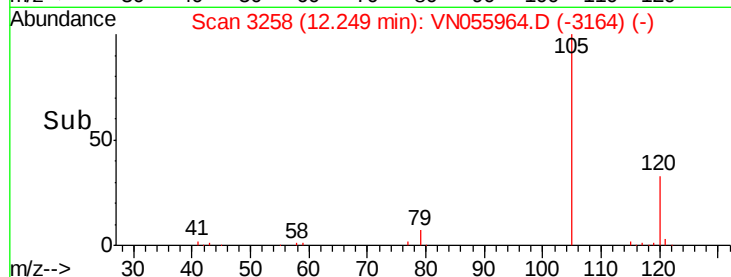
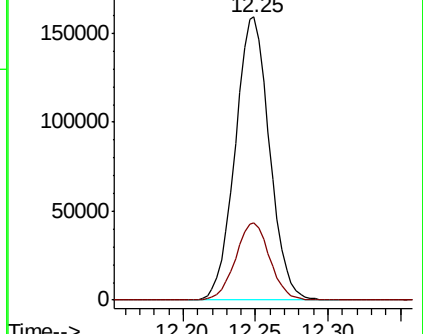
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.851 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Tgt Ion: 43 Resp: 96204

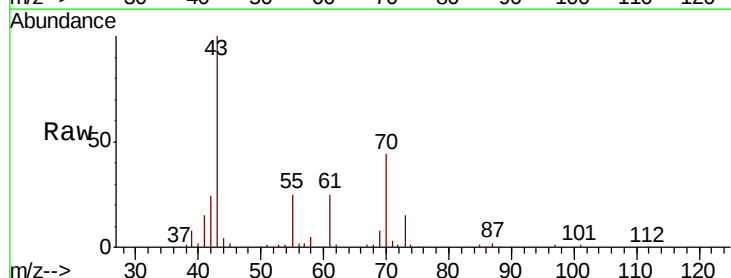
Ion Ratio Lower Upper

43 100

70 43.3 34.0 51.0

55 26.1 18.6 28.0

61 25.1 20.0 30.0

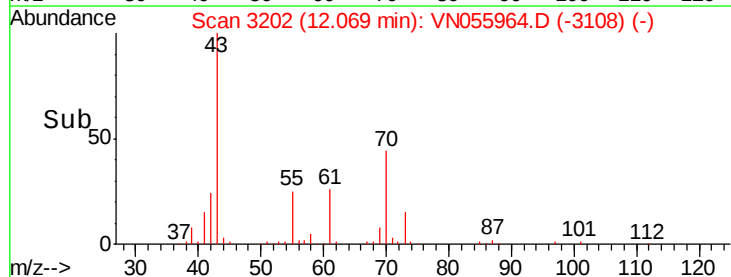
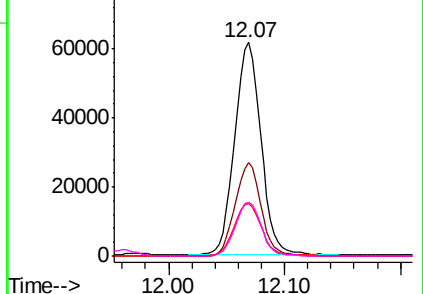


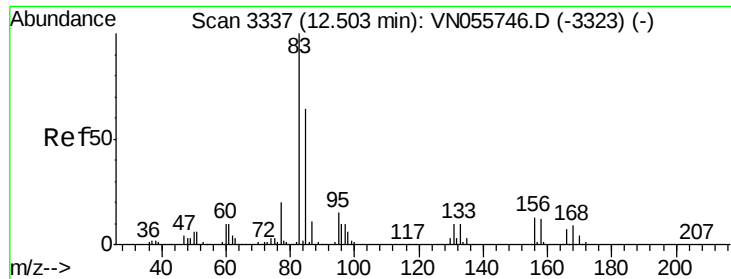
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.395 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

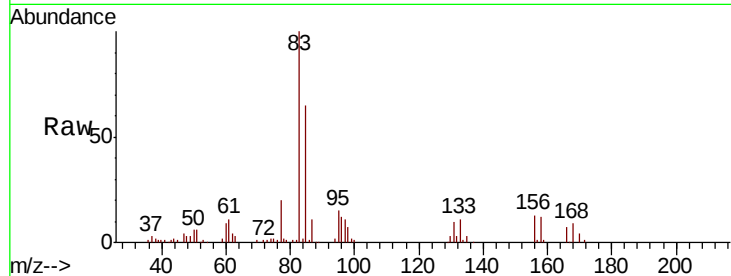
Tot Ion: 83 Resp: 81746

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

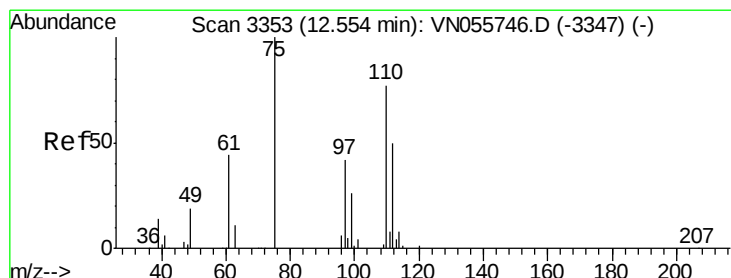
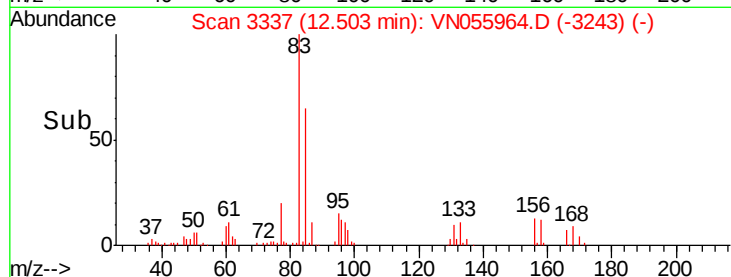
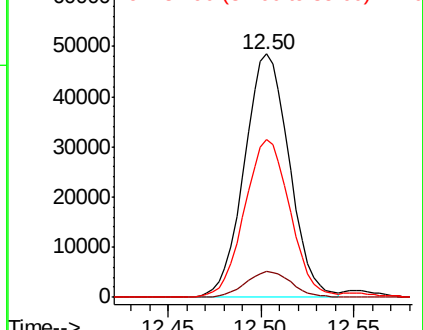
85 65.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.133 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055964.D

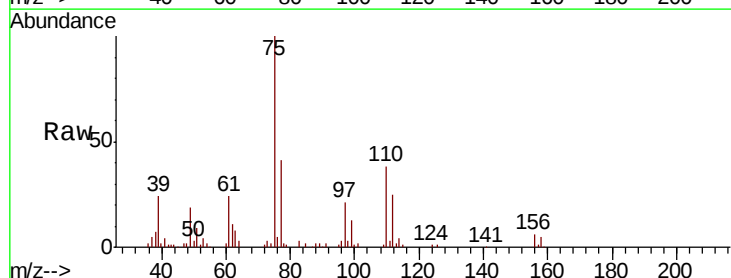
Acq: 3 Jun 2019 16:20

Tgt Ion: 75 Resp: 94317

Ion Ratio Lower Upper

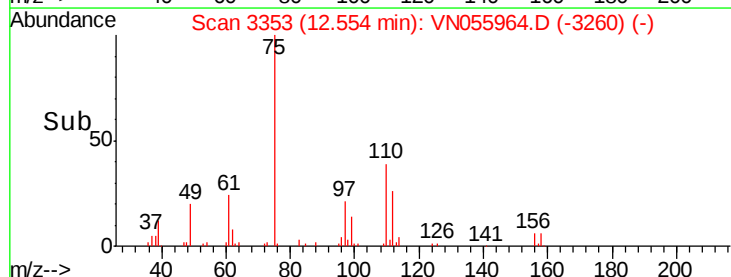
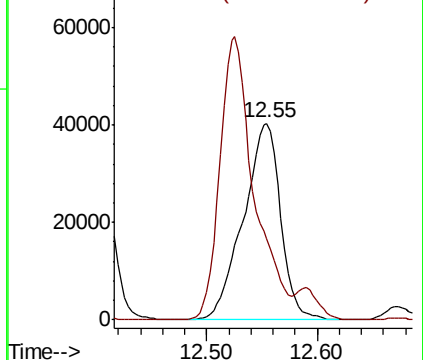
75 100

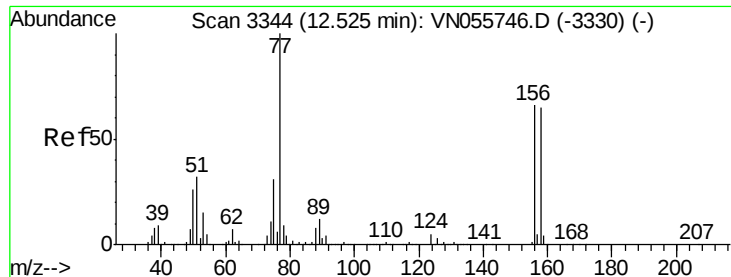
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.134 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampled :

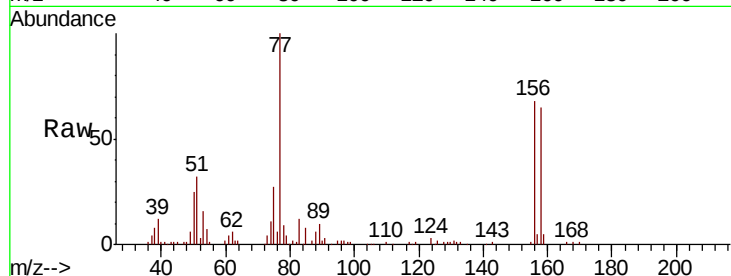
Tot Ion:156 Resp: 68822

Ion Ratio Lower Upper

156 100

77 181.7 90.8 272.5

158 96.2 49.3 147.8

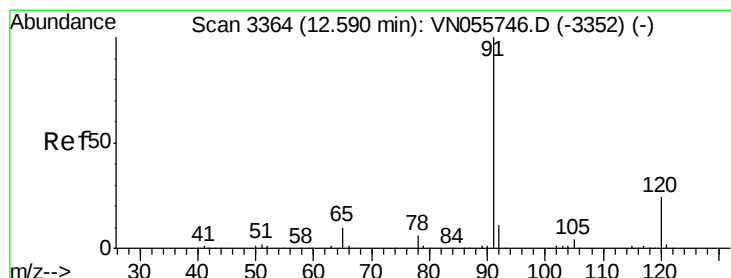
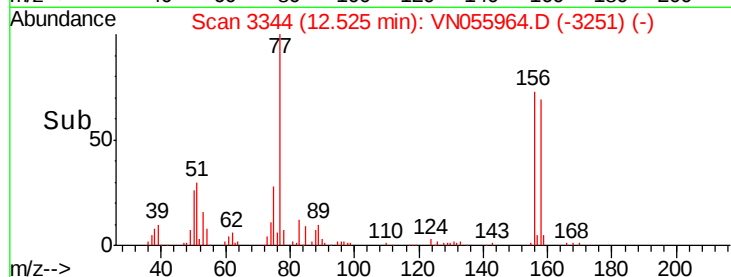
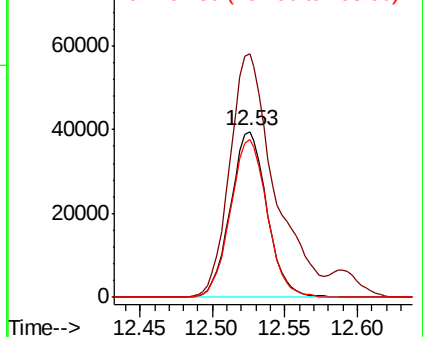


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.266 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055964.D

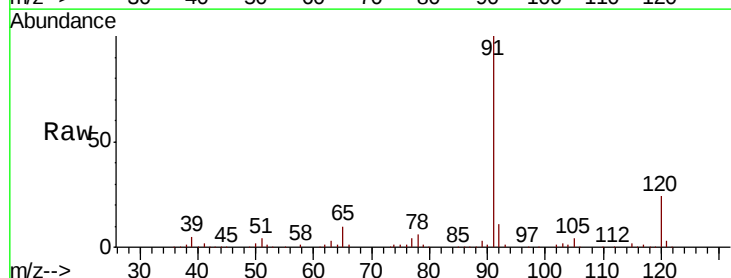
Acq: 3 Jun 2019 16:20

Tgt Ion: 91 Resp: 268216

Ion Ratio Lower Upper

91 100

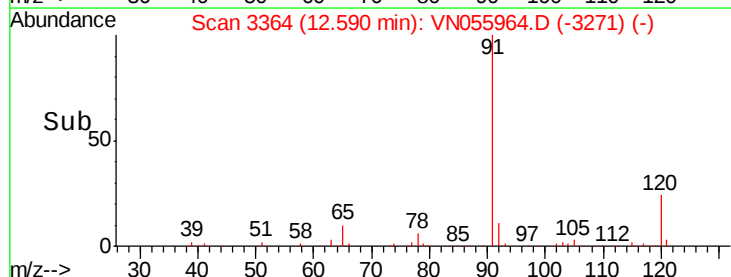
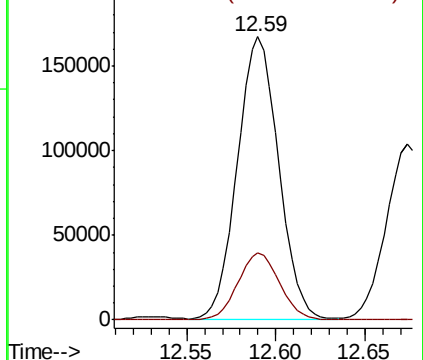
120 23.9 12.0 36.0

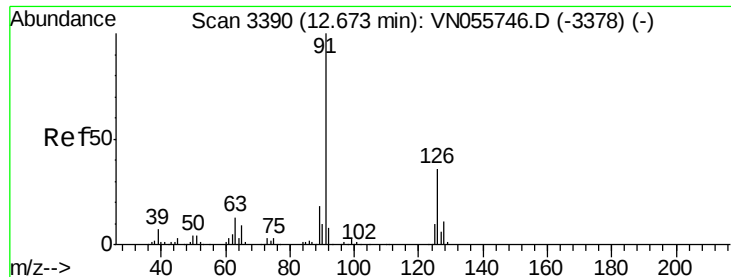


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.189 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

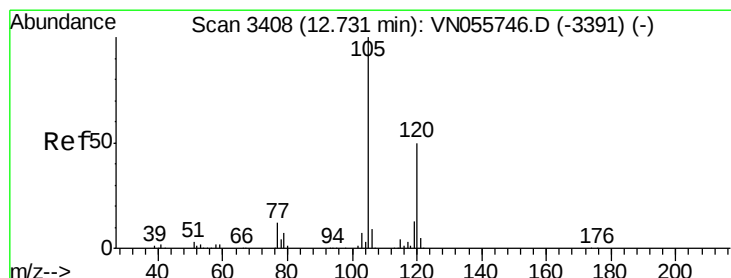
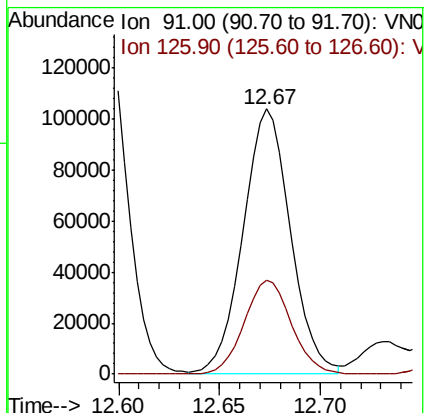
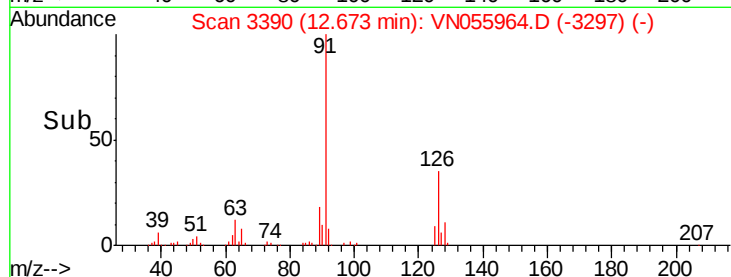
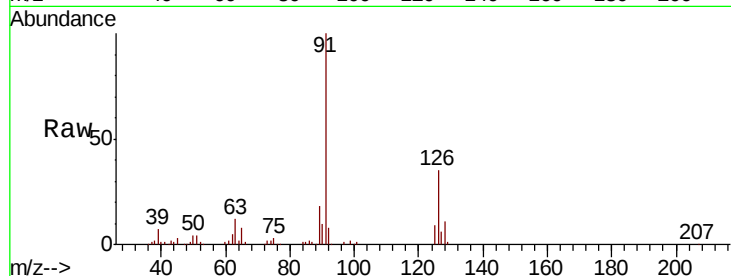
ClientSampled :

Tot Ion: 91 Resp: 169909

Ion Ratio Lower Upper

91 100

126 35.6 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 20.497 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055964.D

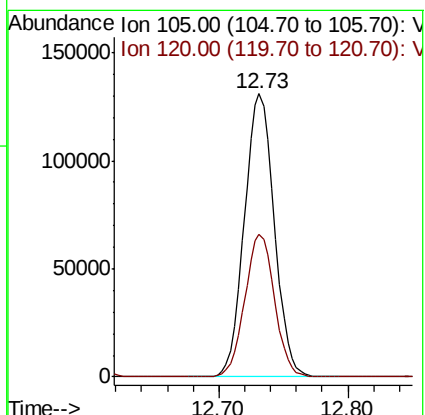
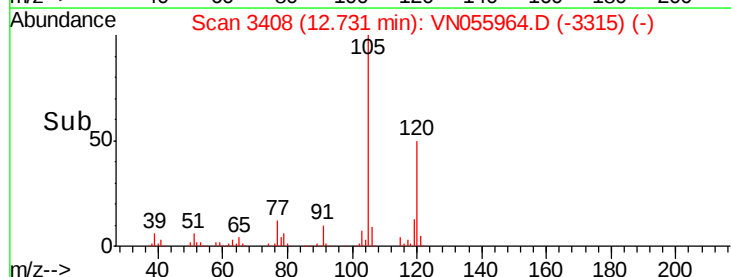
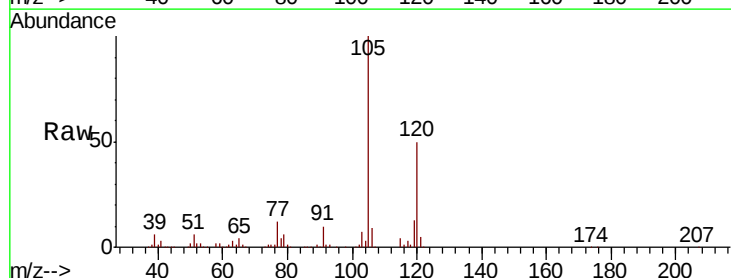
Acq: 3 Jun 2019 16:20

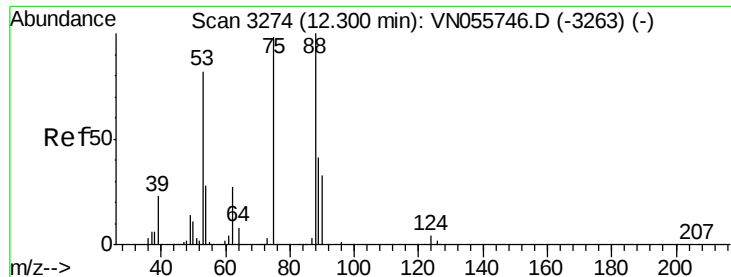
Tgt Ion: 105 Resp: 211073

Ion Ratio Lower Upper

105 100

120 50.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 15.704 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

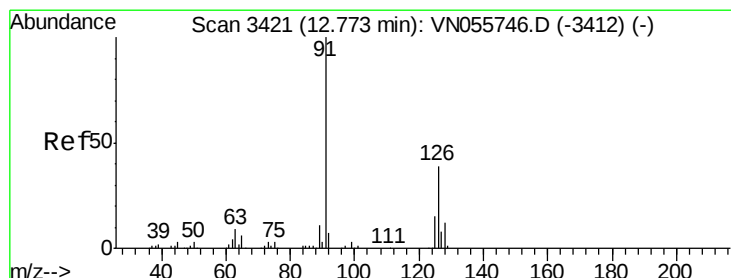
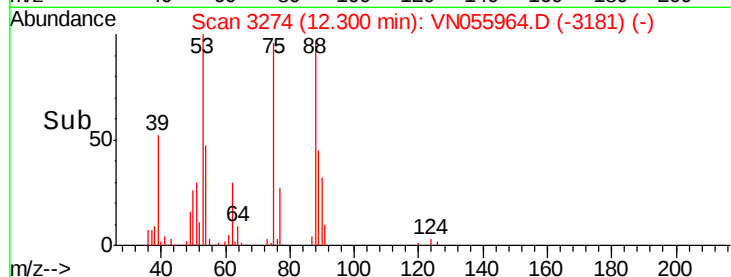
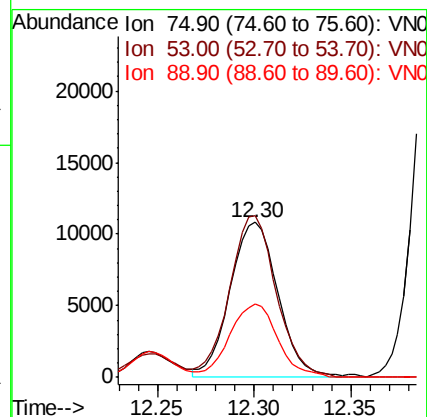
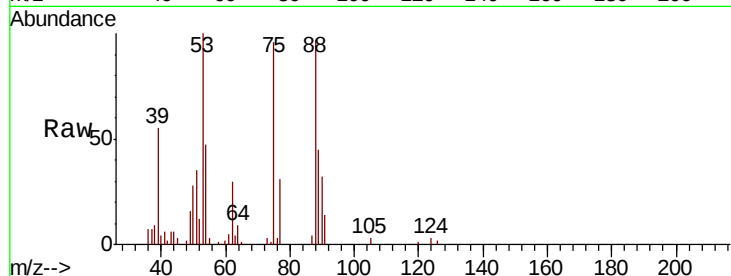
Tot Ion: 75 Resp: 18696

Ion Ratio Lower Upper

75 100

53 101.9 68.1 102.1

89 47.0 36.9 55.3



#82

4-Chlorotoluene

Concen: 18.978 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055964.D

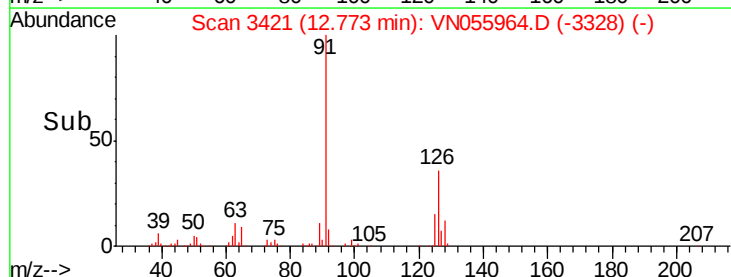
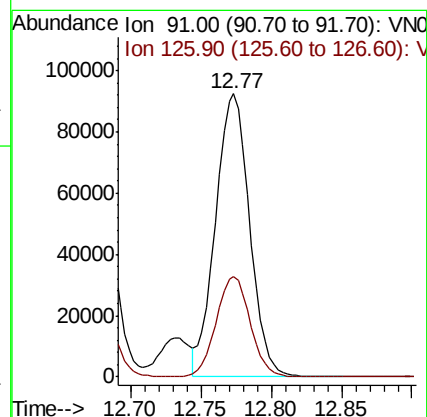
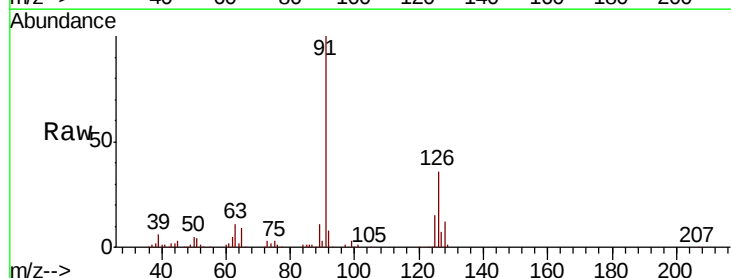
Acq: 3 Jun 2019 16:20

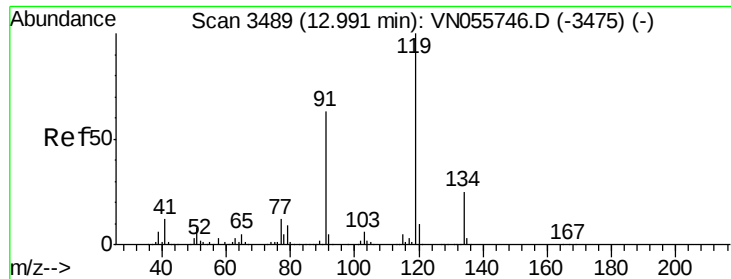
Tgt Ion: 91 Resp: 155309

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.3

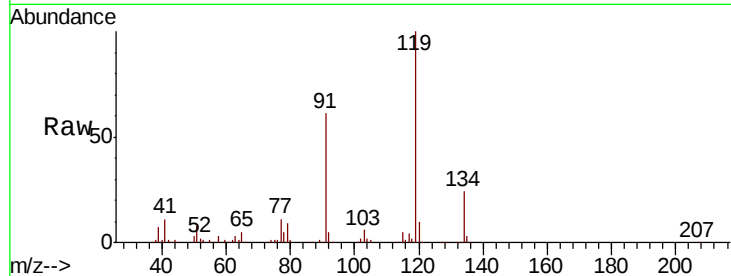




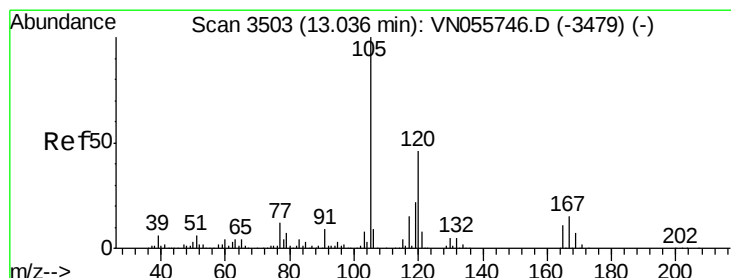
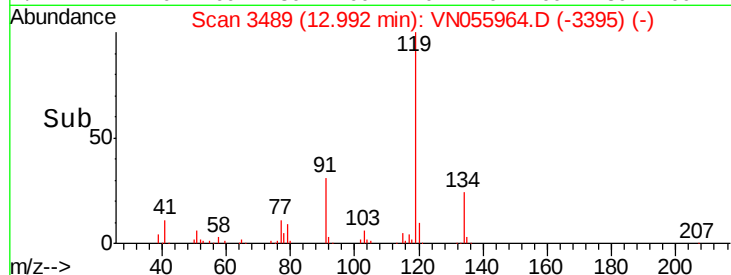
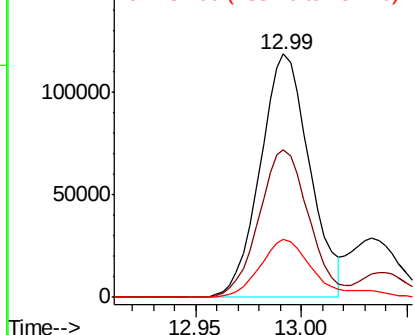
#83
tert-Butylbenzene
Concen: 21.628 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 193541
Ion Ratio Lower Upper
119 100
91 61.0 30.9 92.8
134 26.4 13.3 39.8

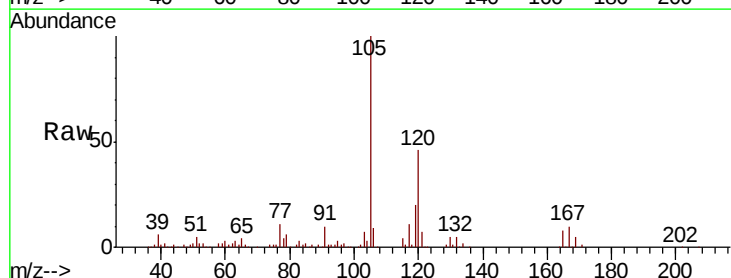


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

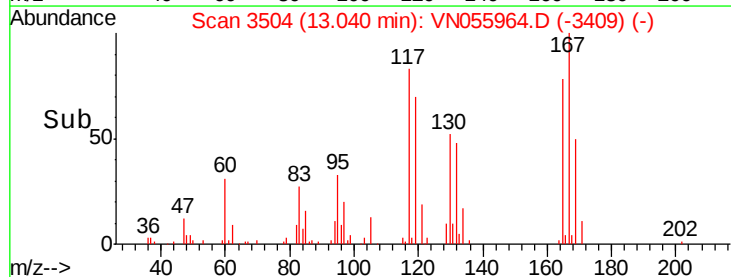
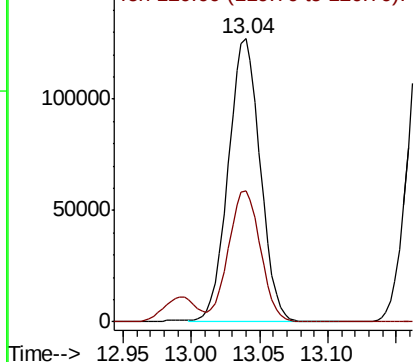


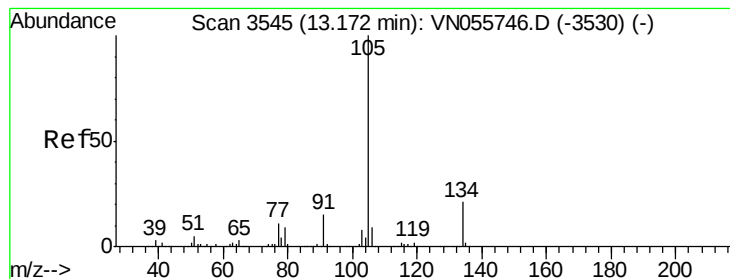
#84
1,2,4-Trimethylbenzene
Concen: 20.227 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion:105 Resp: 207031
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.866 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

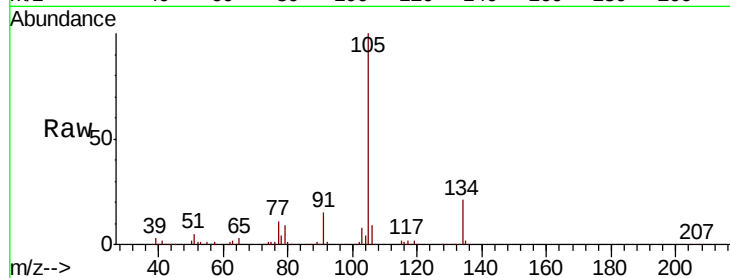
ClientSampleId :

Tot Ion:105 Resp: 239833

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

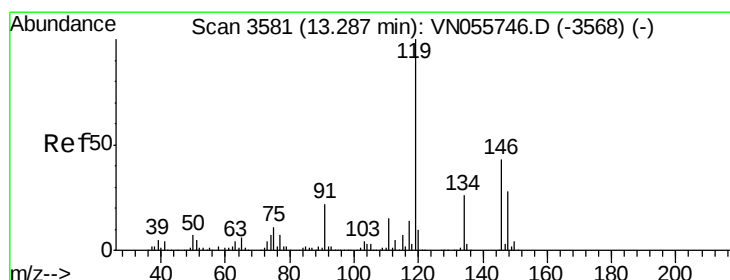
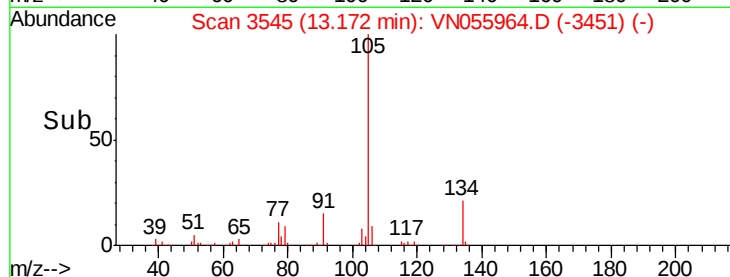
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 19.215 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

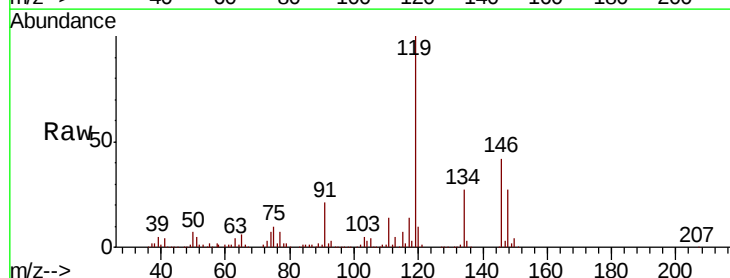
Tgt Ion:119 Resp: 213751

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 21.6 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

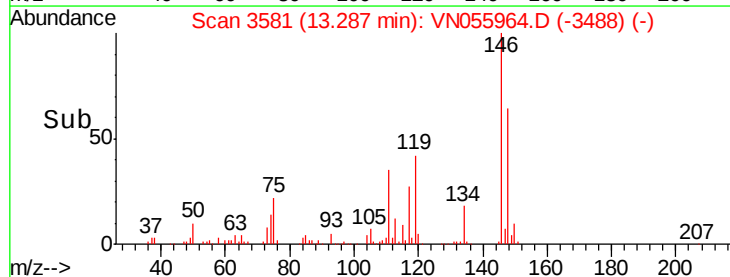
100000

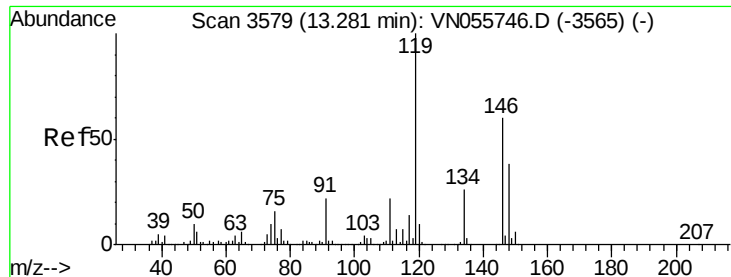
50000

0

13.20 13.25 13.30 13.35

Time-->

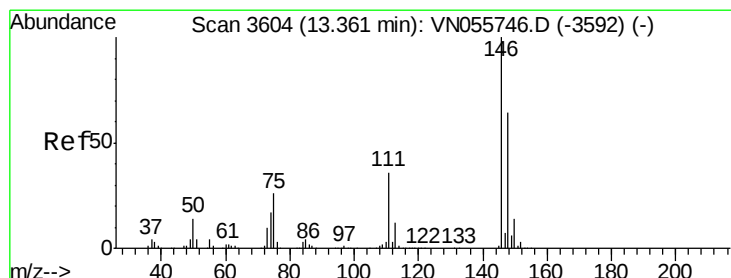
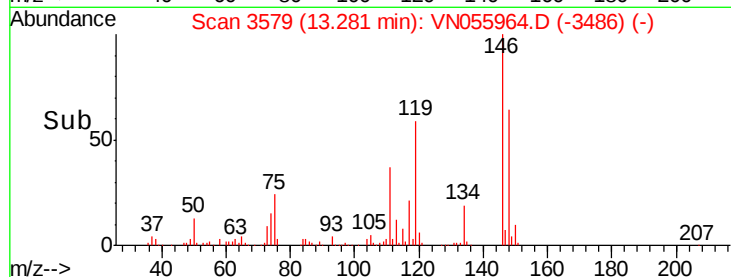
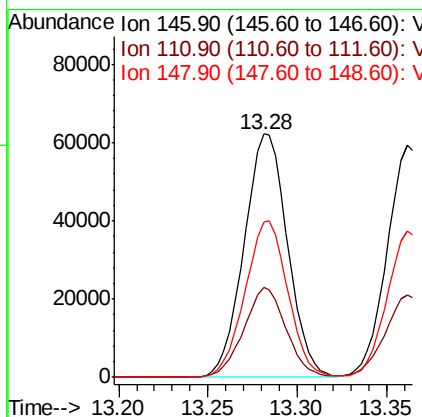
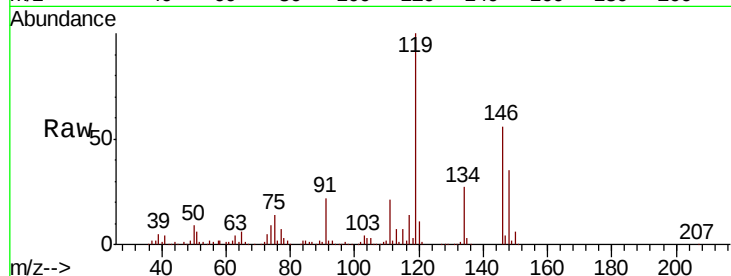




#87
 1,3-Dichlorobenzene
 Concen: 19.536 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

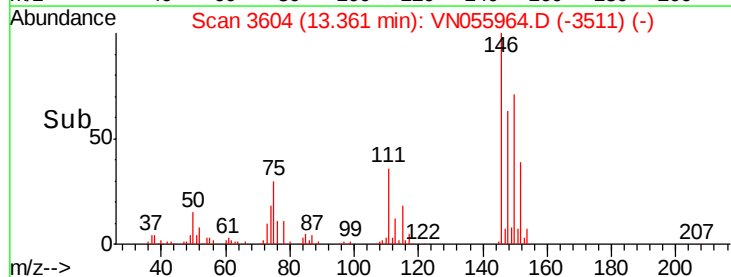
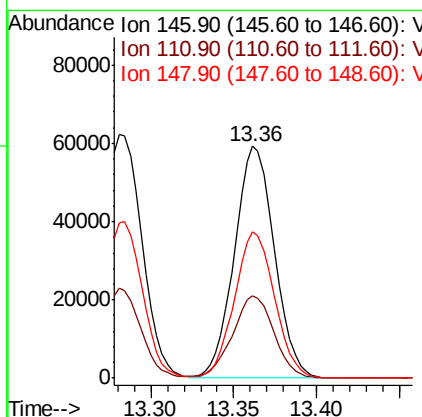
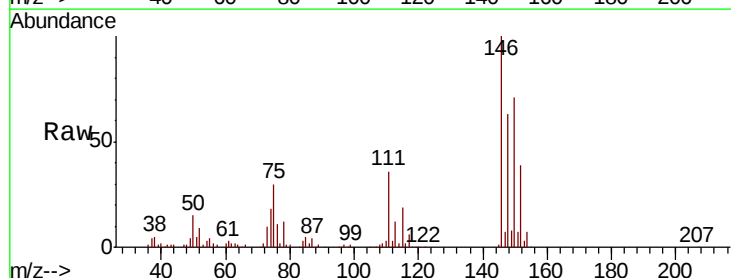
Instrument :
 MSVOA_N
 ClientSampleId :

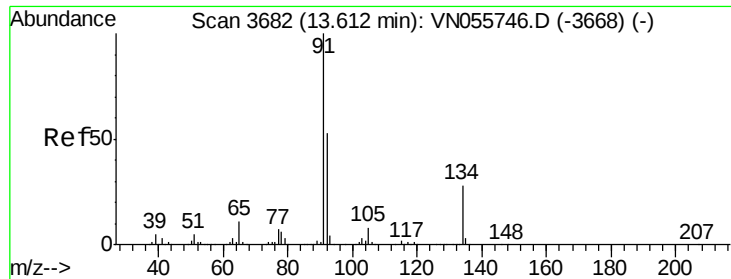
Tot Ion:146 Resp: 105738
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.5 55.5
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.366 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion:146 Resp: 99651
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.4
 148 63.1 32.1 96.5

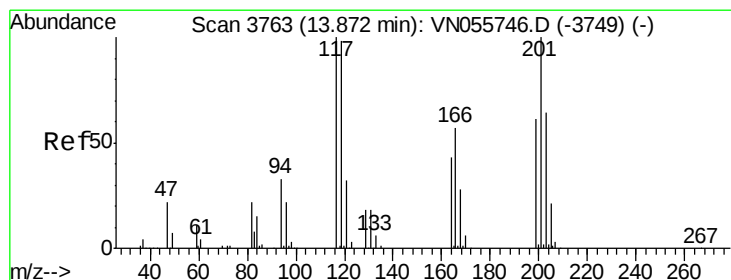
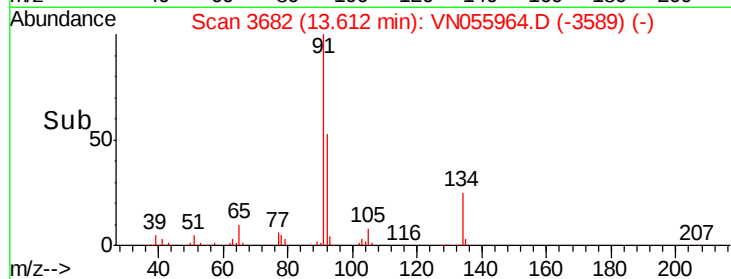
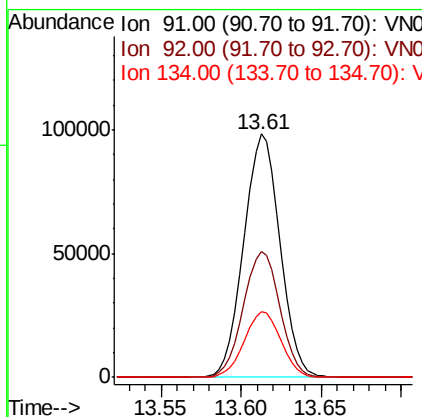
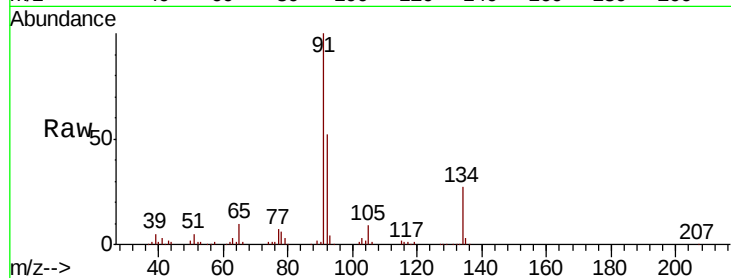




#89
n-Butylbenzene
Concen: 17.808 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

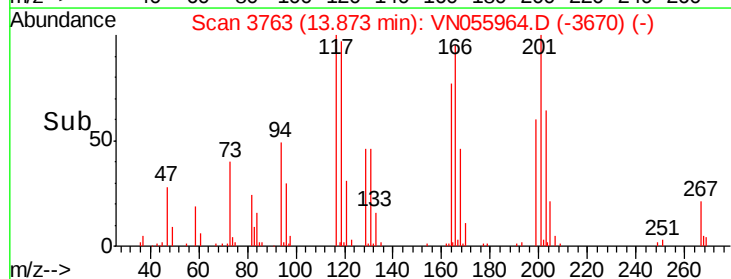
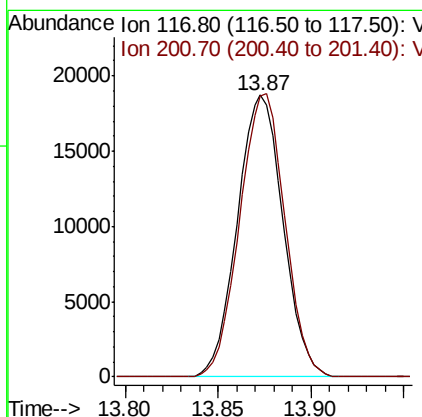
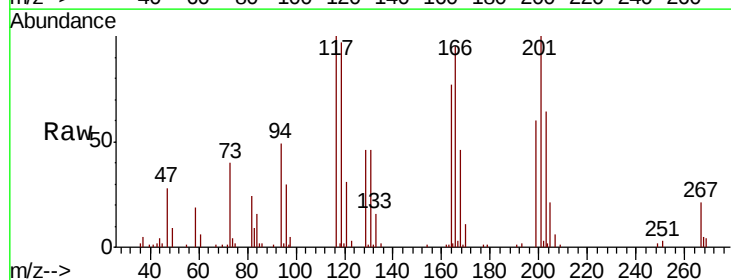
Instrument :
MSVOA_N
ClientSampled :

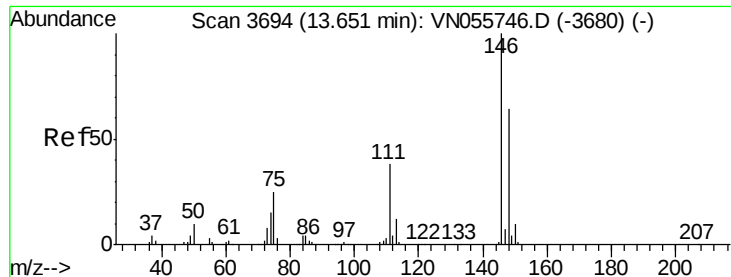
Tot Ion: 91 Resp: 151779
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 27.1 13.9 41.7



#90
Hexachloroethane
Concen: 15.113 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055964.D
Acq: 3 Jun 2019 16:20

Tgt Ion: 117 Resp: 32000
Ion Ratio Lower Upper
117 100
201 99.1 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 19.749 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

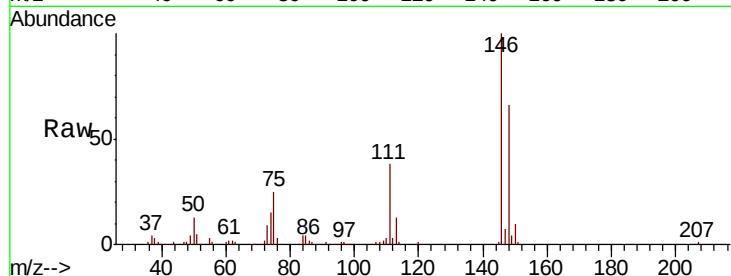
Tot Ion:146 Resp: 106645

Ion Ratio Lower Upper

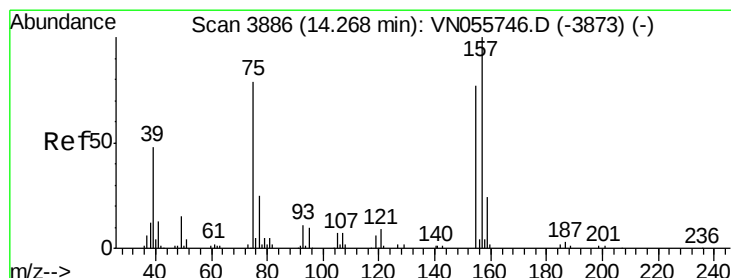
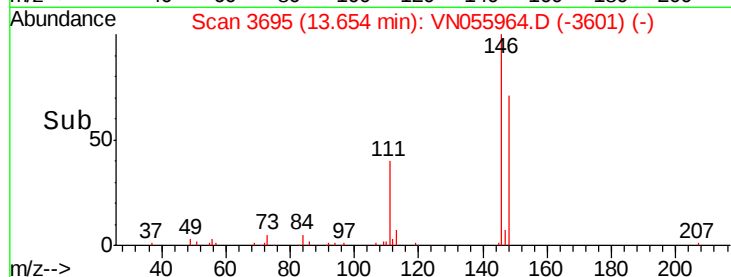
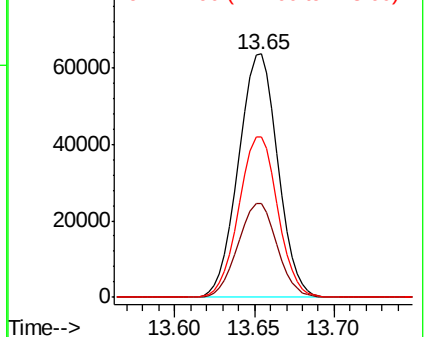
146 100

111 38.4 19.1 57.5

148 65.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.379 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

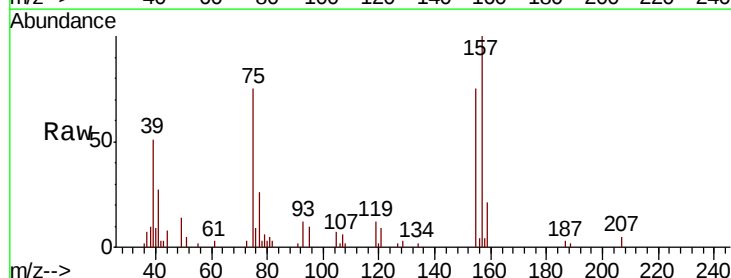
Tgt Ion: 75 Resp: 12335

Ion Ratio Lower Upper

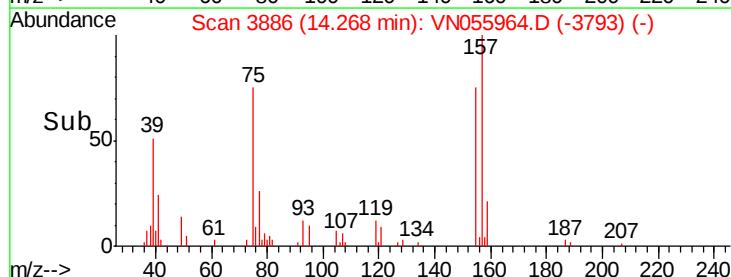
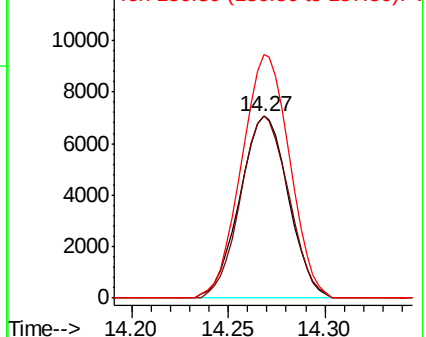
75 100

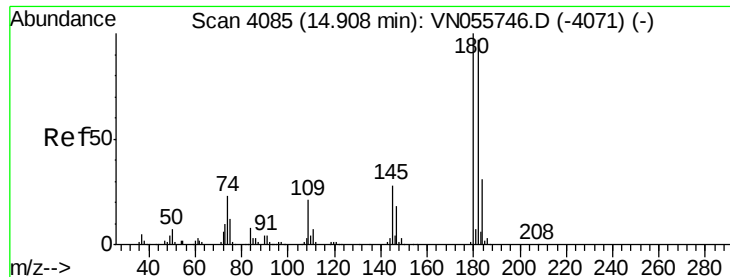
155 98.7 50.0 150.1

157 132.8 64.8 194.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

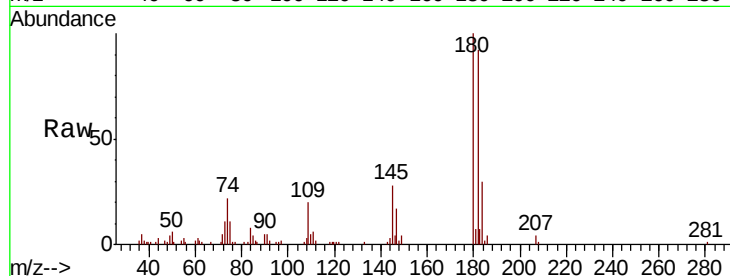




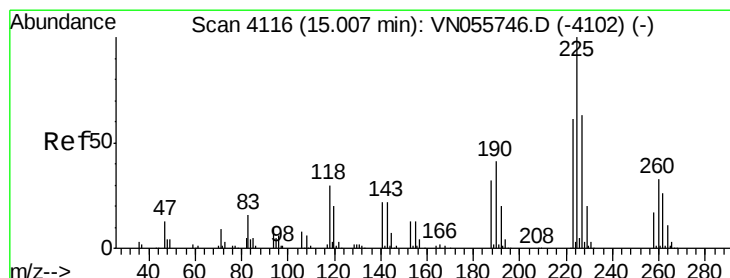
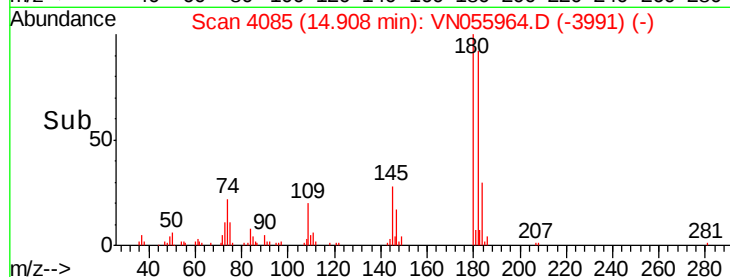
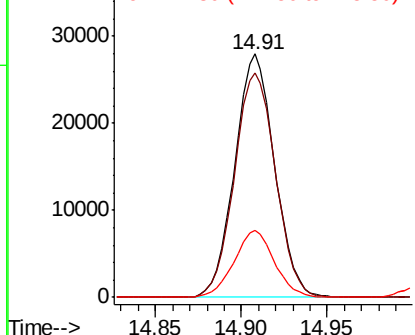
#93
 1,2,4-Trichlorobenzene
 Concen: 17.045 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 44924
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.9
 145 27.7 14.0 41.9

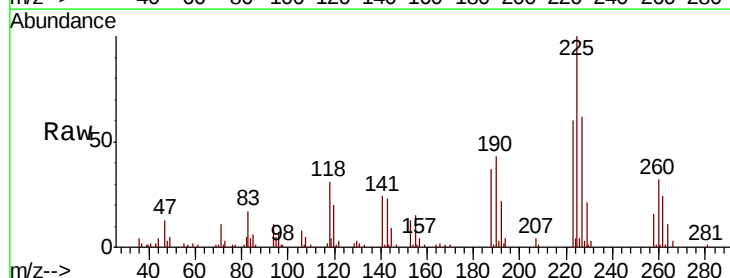


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

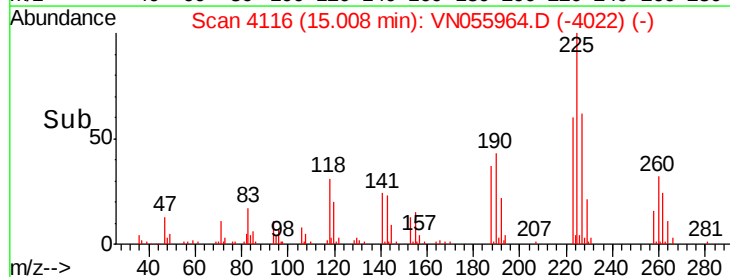
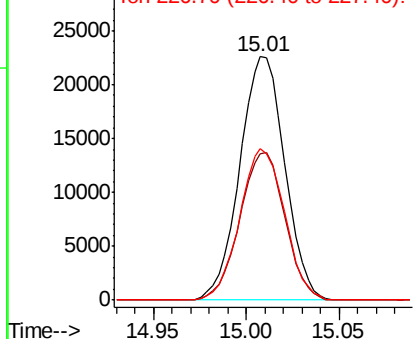


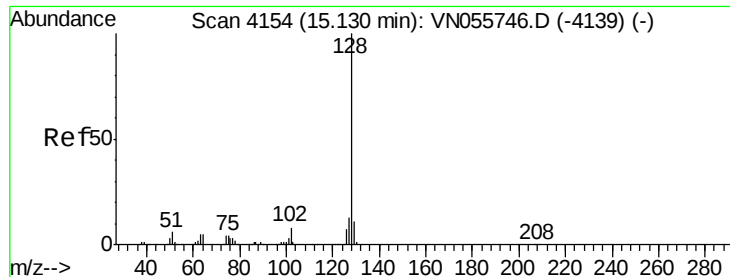
#94
 Hexachlorobutadiene
 Concen: 18.874 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055964.D
 Acq: 3 Jun 2019 16:20

Tgt Ion:225 Resp: 38029
 Ion Ratio Lower Upper
 225 100
 223 60.6 30.9 92.7
 227 61.9 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.091 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

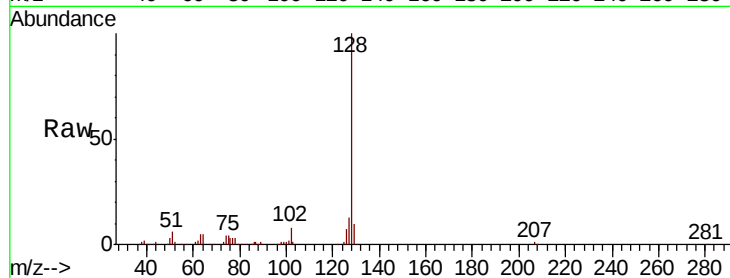
Tot Ion:128 Resp: 134051

Ion Ratio Lower Upper

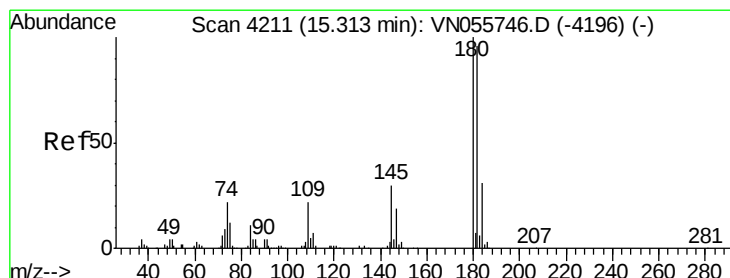
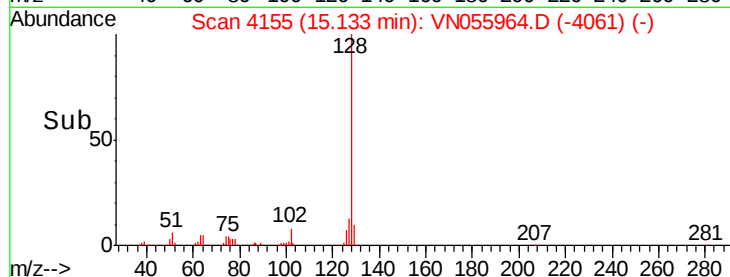
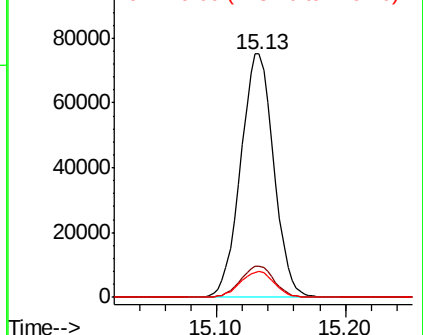
128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.505 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055964.D

Acq: 3 Jun 2019 16:20

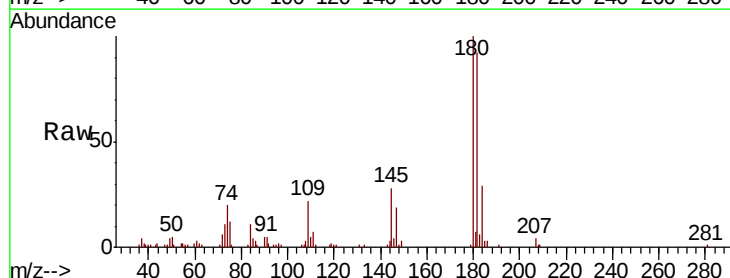
Tgt Ion:180 Resp: 52823

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 29.4 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

