

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055965.D
 Acq On : 3 Jun 2019 16:45
 Operator : JC/SP
 Sample : VN0603WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 01:51:12 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	301136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	396039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164691	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	160639	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	7.59	113	143986	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	10.09	98	535391	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	179382	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	35916	17.722	ug/l	98
3) Chloromethane	2.06	50	52093	18.345	ug/l	97
4) Vinyl Chloride	2.18	62	55311	18.263	ug/l	99
5) Bromomethane	2.53	94	36771	19.406	ug/l	98
6) Chloroethane	2.68	64	35596	19.521	ug/l	97
7) Trichlorofluoromethane	3.00	101	76087	19.162	ug/l	97
8) Diethyl Ether	3.40	74	35302	19.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	48627	19.619	ug/l	100
10) Methyl Iodide	3.94	142	76307	21.057	ug/l	99
11) Tert butyl alcohol	4.81	59	58348	98.196	ug/l	98
12) 1,1-Dichloroethene	3.72	96	48516	18.944	ug/l	98
13) Acrolein	3.60	56	29631	69.643	ug/l	95
14) Allyl chloride	4.31	41	81555	18.576	ug/l	99
15) Acrylonitrile	4.99	53	148138	108.571	ug/l	98
16) Acetone	3.82	43	136468	99.827	ug/l	99
17) Carbon Disulfide	4.04	76	97061	13.339	ug/l	99
18) Methyl Acetate	4.33	43	67596	23.657	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	174677	20.450	ug/l	99
20) Methylene Chloride	4.54	84	59734	20.177	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	53055	19.283	ug/l	96
22) Diisopropyl ether	5.95	45	174351	20.418	ug/l	99
23) Vinyl Acetate	5.90	43	718016	98.070	ug/l	99
24) 1,1-Dichloroethane	5.84	63	100141	20.142	ug/l	100
25) 2-Butanone	6.84	43	202057	105.834	ug/l	100
26) 2,2-Dichloropropane	6.82	77	71358	16.584	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	64987	20.245	ug/l	99
28) Bromochloromethane	7.19	49	49155	20.765	ug/l	97
29) Tetrahydrofuran	7.22	42	132322	109.445	ug/l	99
30) Chloroform	7.37	83	100621	20.293	ug/l	100
31) Cyclohexane	7.65	56	87504	18.746	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	82573	18.662	ug/l	100
36) 1,1-Dichloropropene	7.79	75	70719	18.061	ug/l	99
37) Ethyl Acetate	6.93	43	78628	20.776	ug/l	99
38) Carbon Tetrachloride	7.77	117	68367	16.762	ug/l	98

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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)
39) Methylcyclohexane	9.08	83	85655	17.665	ug/l	100
40) Benzene	8.04	78	233315	19.771	ug/l	100
41) Methacrylonitrile	7.21	41	114778	60.032	ug/l #	19
42) 1,2-Dichloroethane	8.12	62	77384	20.068	ug/l	99
43) Isopropyl Acetate	8.17	43	123243	19.382	ug/l #	91
44) Trichloroethene	8.83	130	64026	19.461	ug/l	98
45) 1,2-Dichloropropane	9.12	63	61313	19.941	ug/l	95
46) Dibromomethane	9.21	93	39504	19.591	ug/l	97
47) Bromodichloromethane	9.40	83	72879	17.626	ug/l	99
48) Methyl methacrylate	9.20	41	60099	20.508	ug/l	98
49) 1,4-Dioxane	9.20	88	26076	428.187	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	391402	104.224	ug/l	99
52) Toluene	10.15	92	147587	19.885	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	74843	16.958	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	87886	17.975	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	61847	20.801	ug/l	98
56) Ethyl methacrylate	10.43	69	91128	19.831	ug/l	98
57) 1,3-Dichloropropane	10.71	76	98883	20.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	178806	101.820	ug/l	99
59) 2-Hexanone	10.75	43	278562	104.561	ug/l	99
60) Dibromochloromethane	10.90	129	60109	17.354	ug/l	100
61) 1,2-Dibromoethane	11.00	107	62624	20.306	ug/l	99
64) Tetrachloroethene	10.63	164	63915	19.135	ug/l	99
65) Chlorobenzene	11.43	112	156534	19.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	56358	17.823	ug/l	99
67) Ethyl Benzene	11.51	91	273703	19.251	ug/l	97
68) m/p-Xylenes	11.62	106	206749	38.465	ug/l	100
69) o-Xylene	11.95	106	105021	19.694	ug/l	98
70) Styrene	11.96	104	169199	19.593	ug/l	100
71) Bromoform	12.13	173	40155	14.888	ug/l #	99
73) Isopropylbenzene	12.25	105	271947	21.704	ug/l	99
74) N-amyl acetate	12.07	43	100537	21.233	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86729	23.223	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	98182	33.589	ug/l #	100
77) Bromobenzene	12.53	156	72219	20.550	ug/l	99
78) n-propylbenzene	12.59	91	283081	19.777	ug/l	99
79) 2-Chlorotoluene	12.67	91	178156	21.662	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	224820	21.331	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20178	16.485	ug/l	88
82) 4-Chlorotoluene	12.77	91	168210	19.992	ug/l	99
83) tert-Butylbenzene	12.99	119	201473	21.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	219576	20.943	ug/l	100
85) sec-Butylbenzene	13.17	105	255050	21.667	ug/l	100
86) p-Isopropyltoluene	13.29	119	227972	19.933	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	111418	20.022	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	106339	20.099	ug/l	99
89) n-Butylbenzene	13.61	91	165227	18.855	ug/l	99
90) Hexachloroethane	13.87	117	34137	15.681	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	114204	20.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13377	18.332	ug/l	98

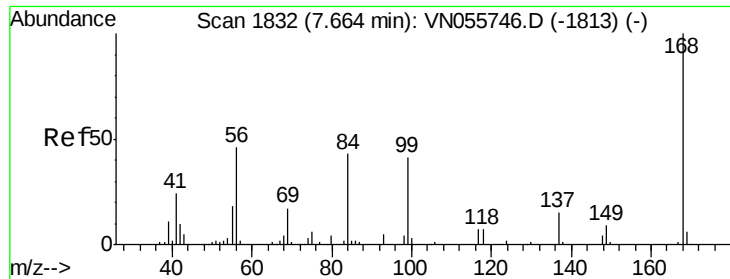
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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49017	17.866	ug/l	99
94) Hexachlorobutadiene	15.01	225	41626	20.216	ug/l	99
95) Naphthalene	15.13	128	143485	18.834	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57022	19.430	ug/l	99

(#) = 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: VN055965.D

Acq: 3 Jun 2019 16:45

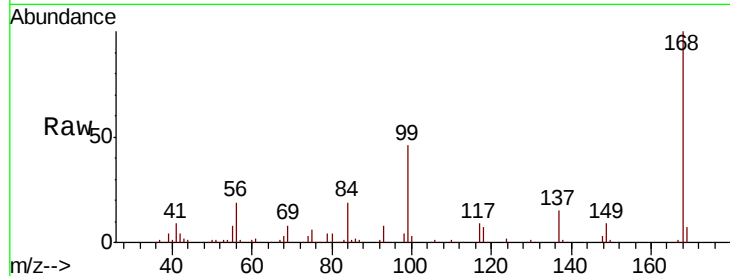
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 301136

Ion Ratio Lower Upper

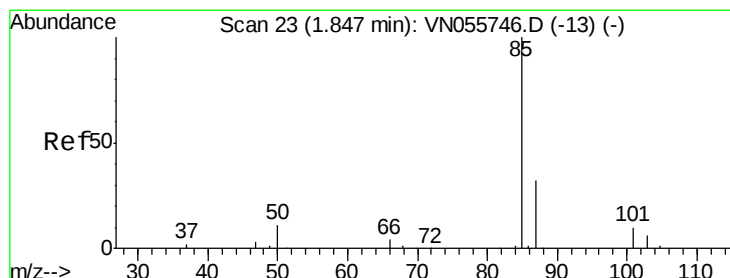
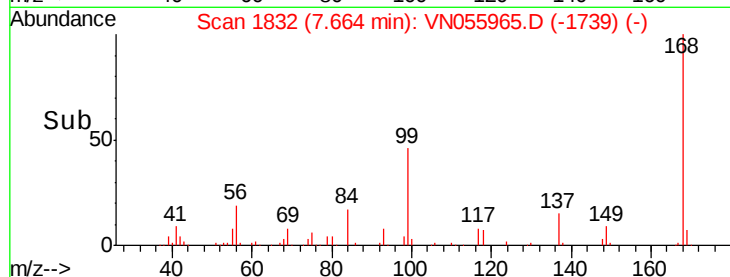
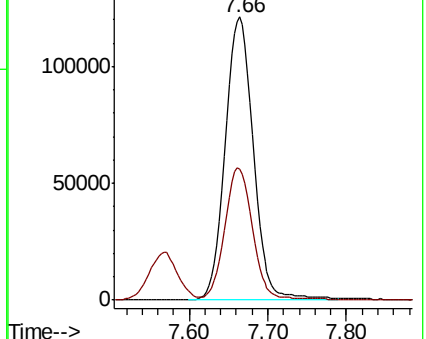
168 100

99 46.0 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: 17.722 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055965.D

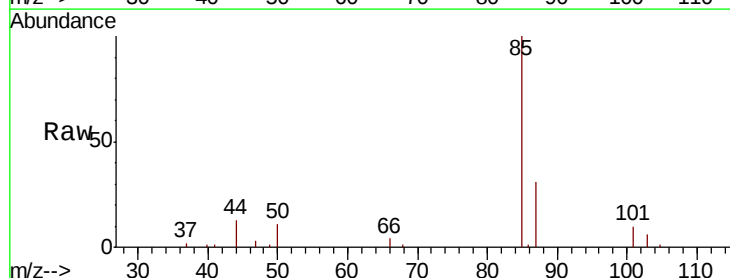
Acq: 3 Jun 2019 16:45

Tgt Ion: 85 Resp: 35916

Ion Ratio Lower Upper

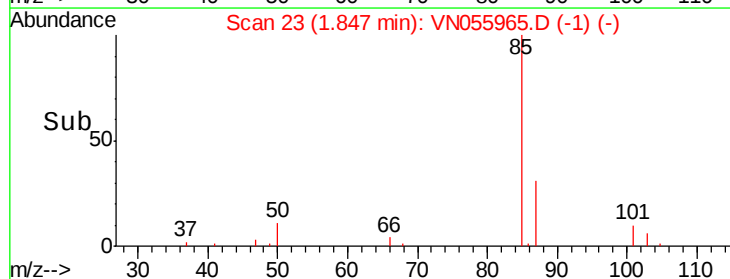
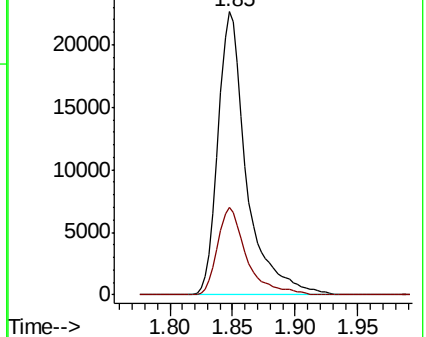
85 100

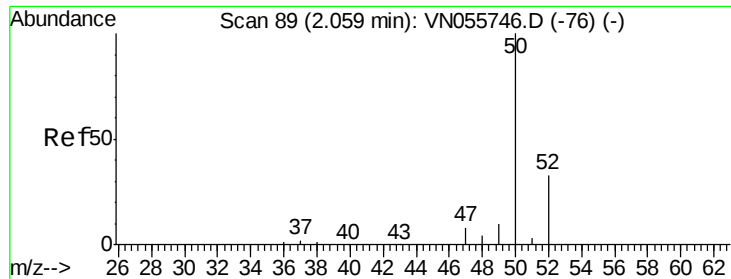
87 30.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

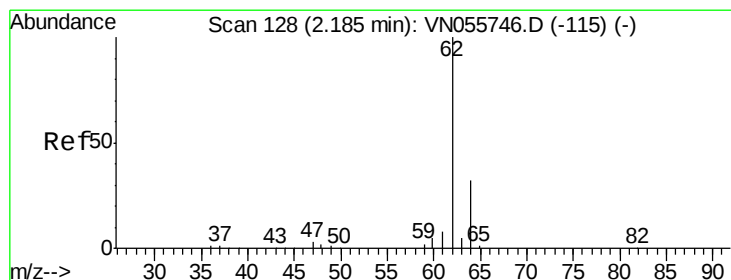
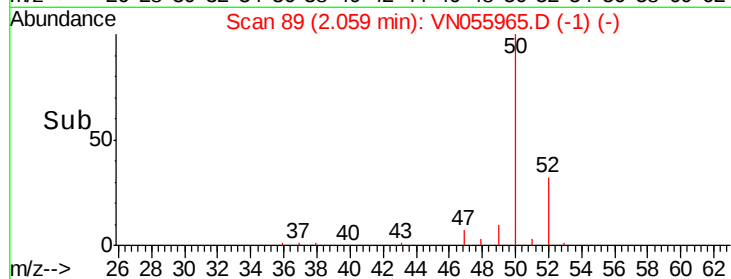
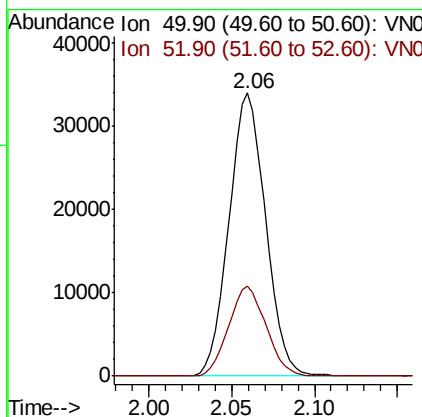
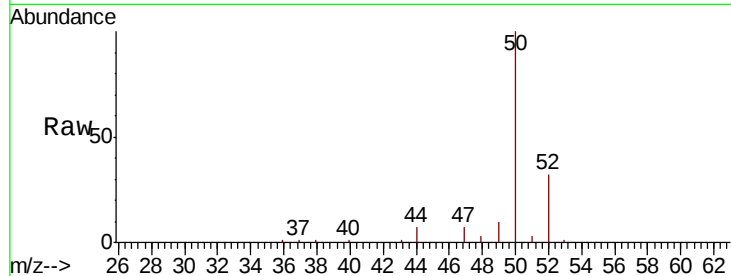




#3
Chloromethane
Concen: 18.345 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

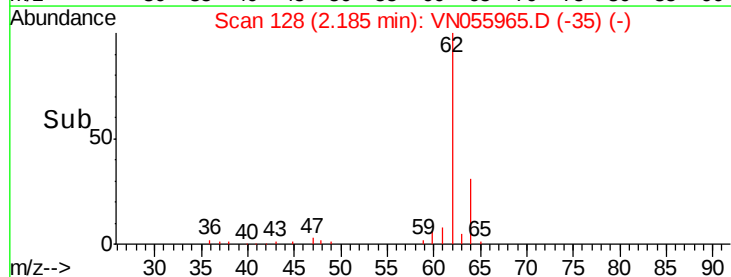
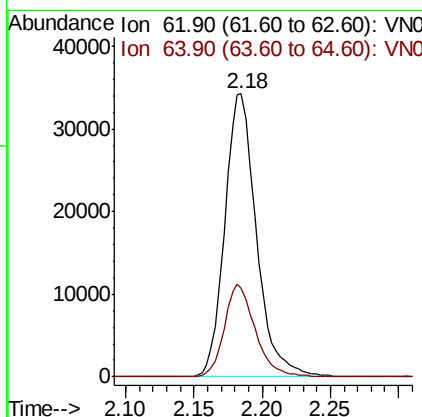
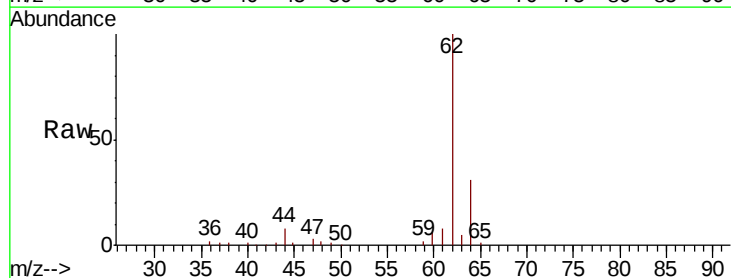
Instrument :
MSVOA_N
ClientSampleId :

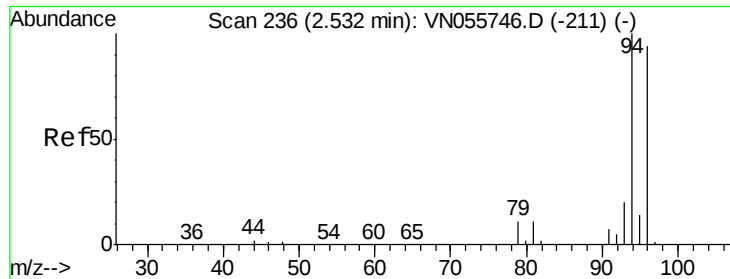
Tot Ion: 50 Resp: 52093
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0



#4
Vinyl Chloride
Concen: 18.263 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 62 Resp: 55311
Ion Ratio Lower Upper
62 100
64 31.3 25.6 38.4

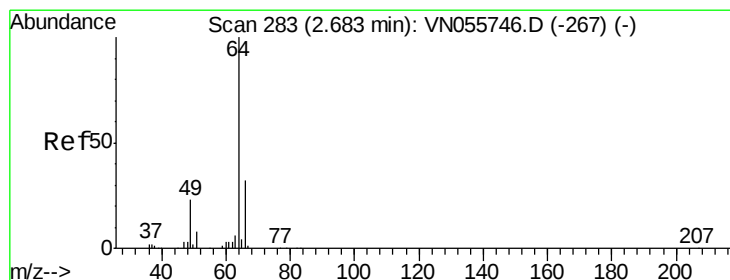
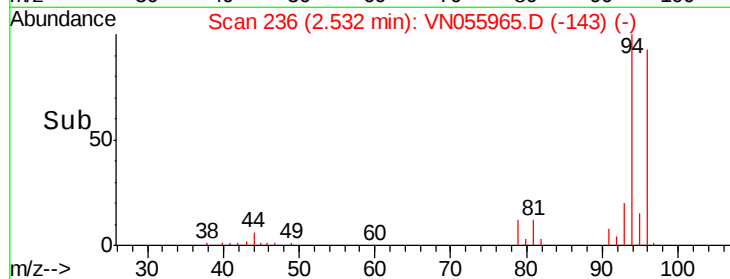
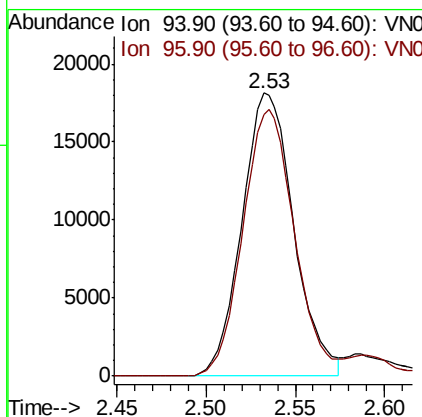
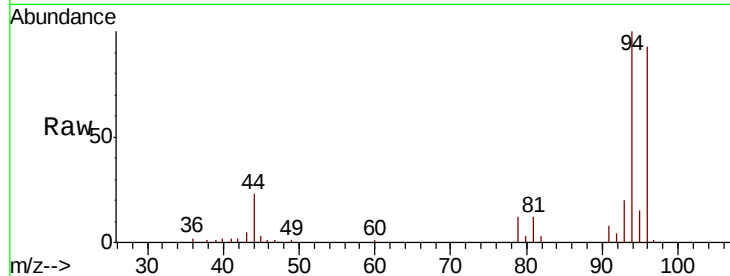




#5
Bromomethane
Concen: 19.406 ug/l
RT: 2.53 min Scan# 236
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

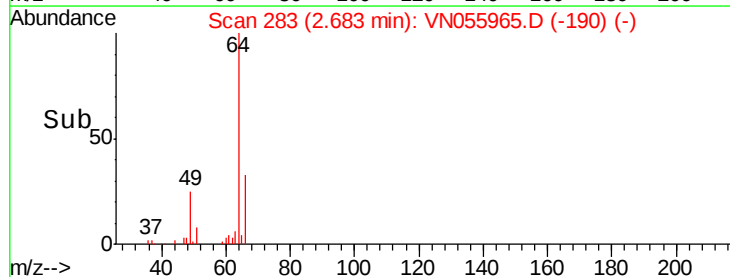
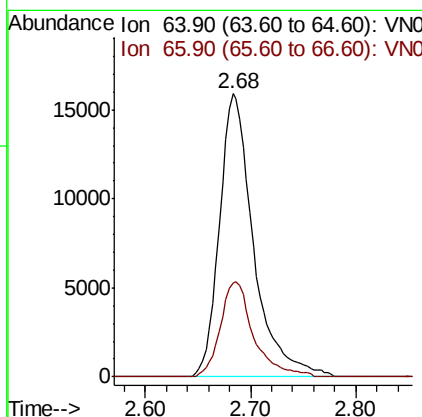
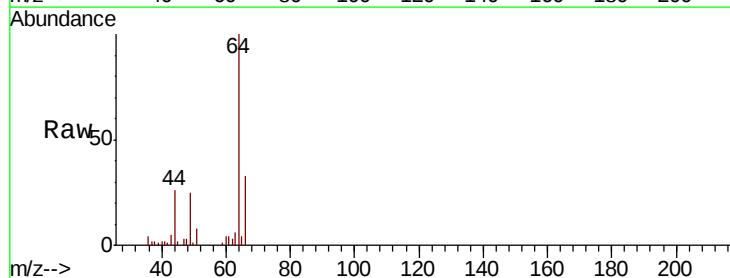
Instrument :
MSVOA_N
ClientSampled :

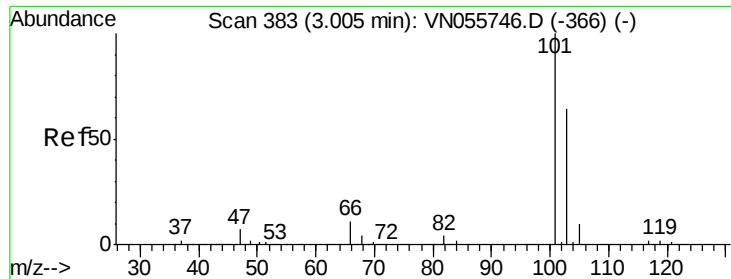
Tot Ion: 94 Resp: 36771
Ion Ratio Lower Upper
94 100
96 92.6 75.5 113.3



#6
Chloroethane
Concen: 19.521 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 64 Resp: 35596
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0



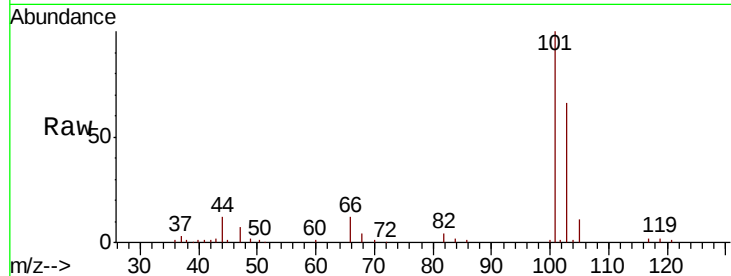


#7

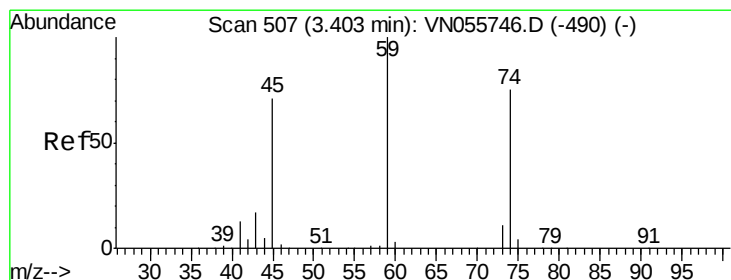
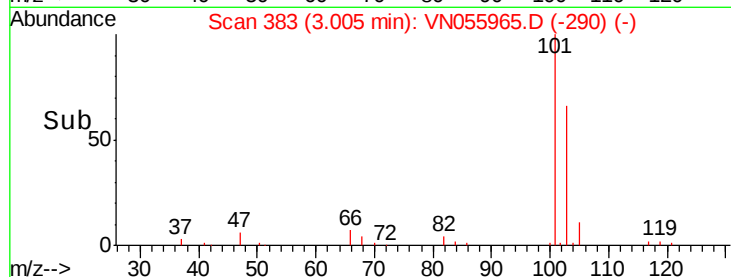
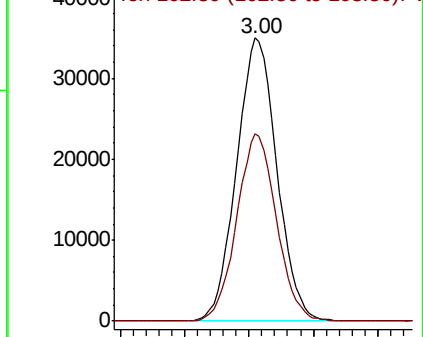
Trichlorofluoromethane
Concen: 19.162 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 76087
Ion Ratio Lower Upper
101 100
103 66.4 51.2 76.8



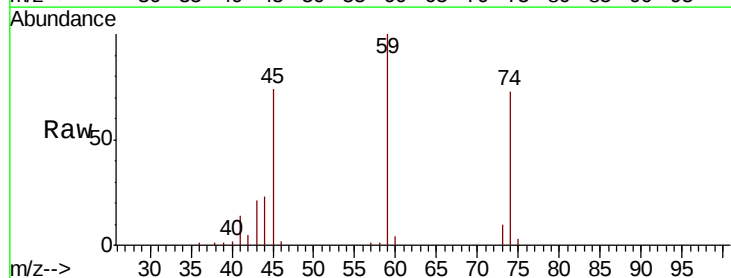
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



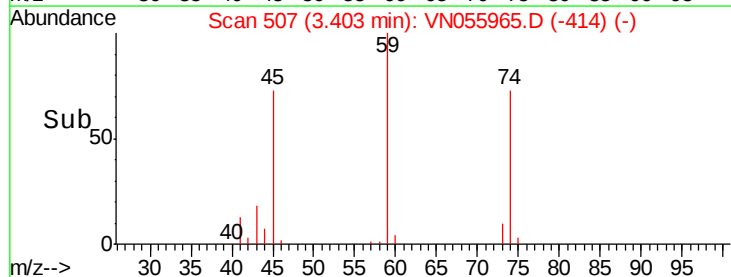
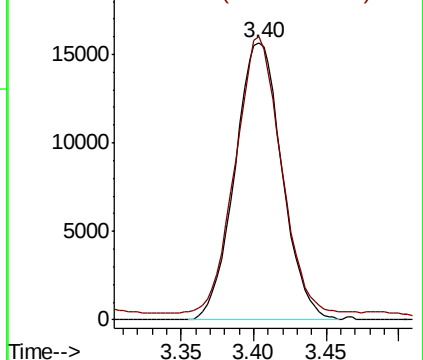
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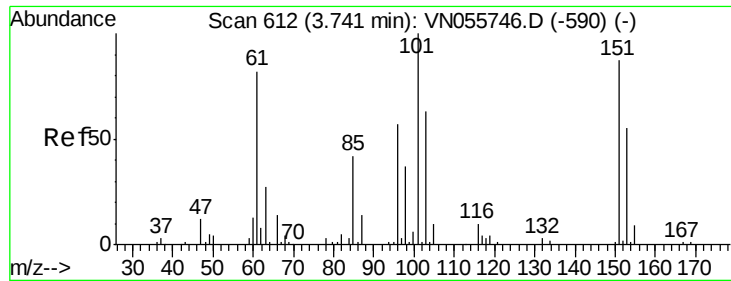
Diethyl Ether
Concen: 19.836 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 74 Resp: 35302
Ion Ratio Lower Upper
74 100
45 95.4 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.619 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

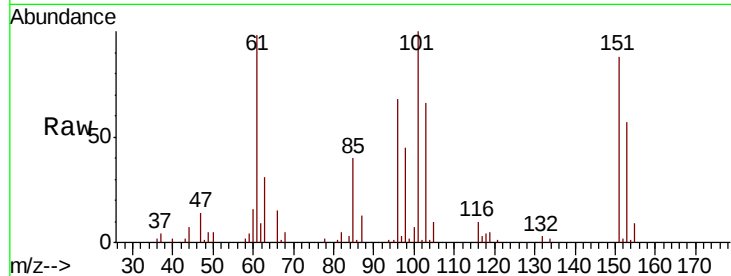
Tot Ion:101 Resp: 48627

Ion Ratio Lower Upper

101 100

85 42.2 33.4 50.2

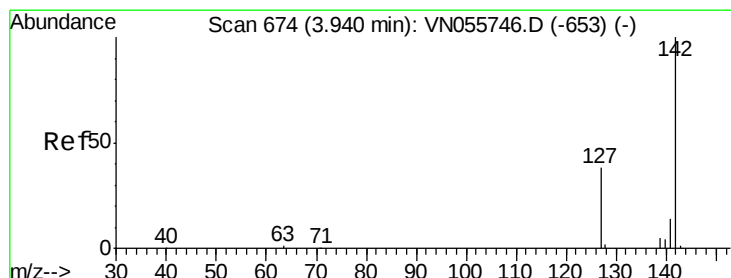
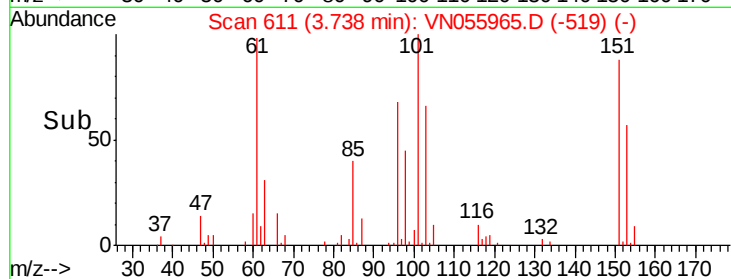
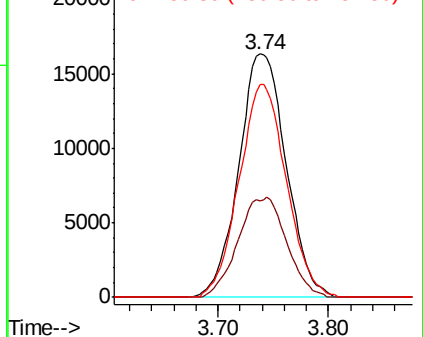
151 87.2 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.057 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

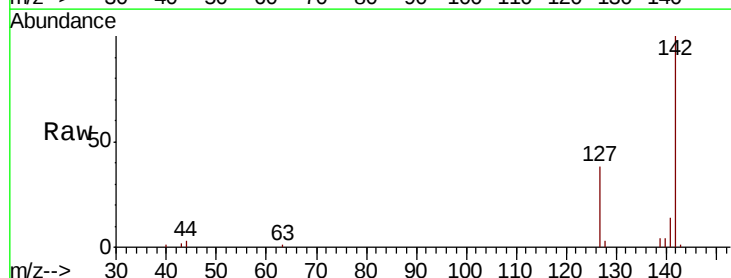
Tgt Ion:142 Resp: 76307

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

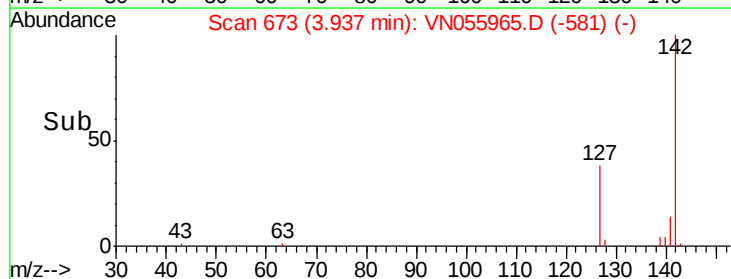
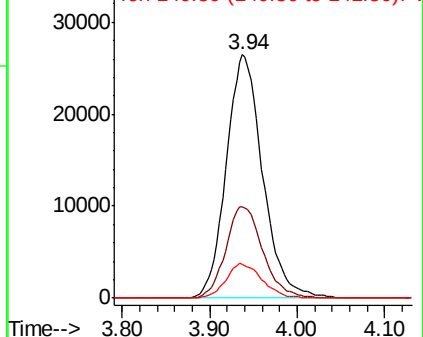
141 13.9 11.4 17.0

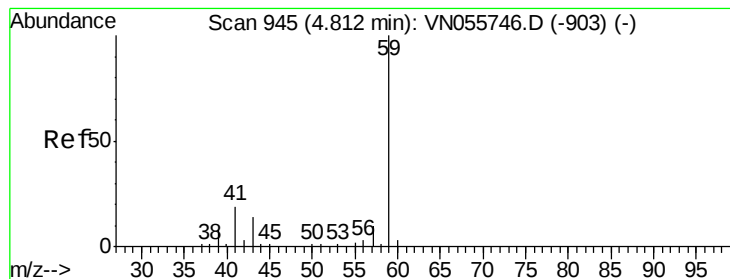


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



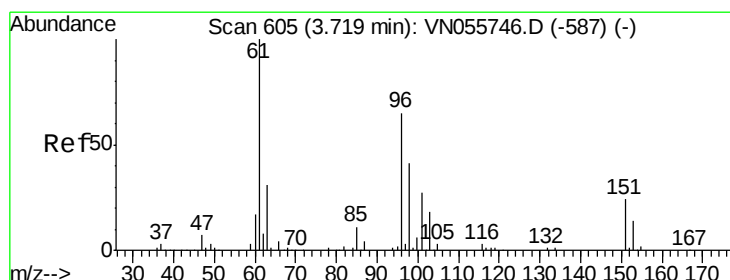
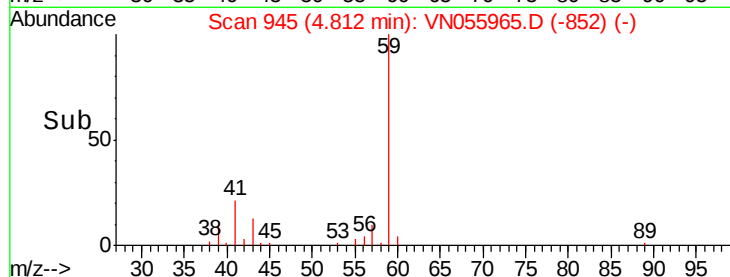
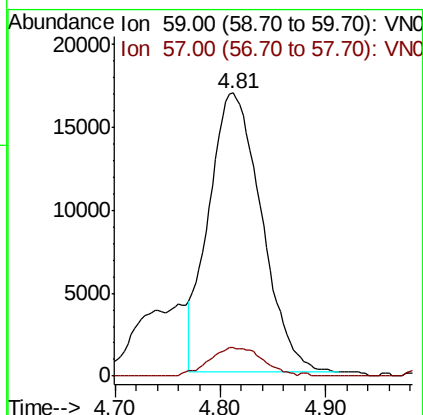
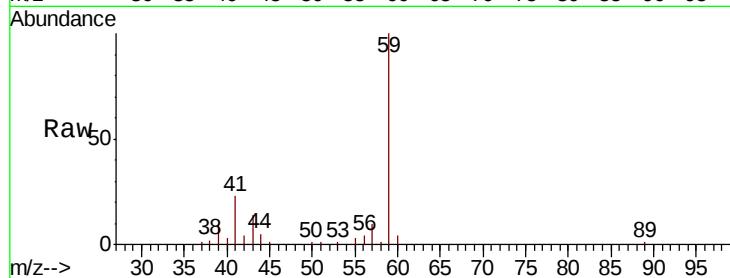


#11

Tert butyl alcohol
Concen: 98.196 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampleId :

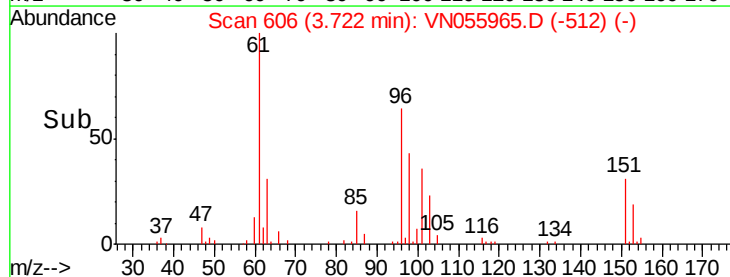
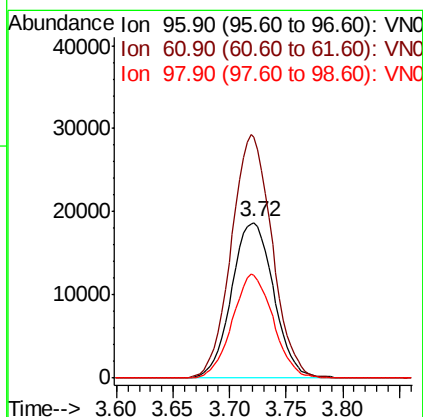
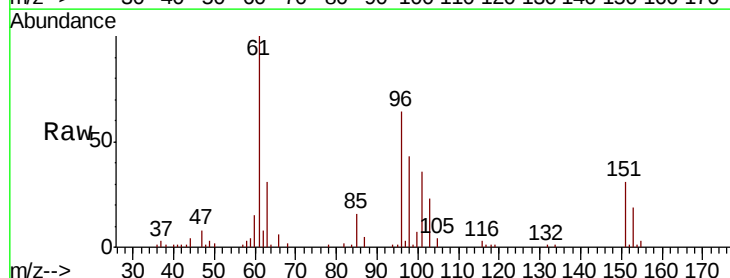
Tot Ion: 59 Resp: 58348
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.6

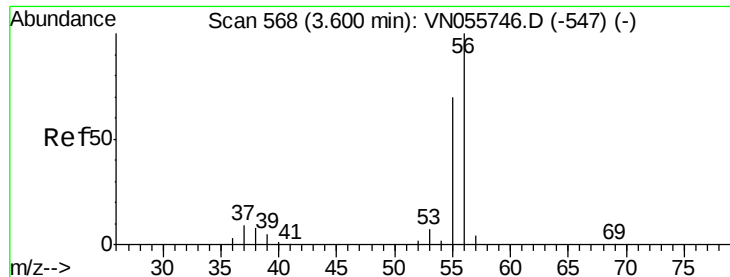


#12

1,1-Dichloroethene
Concen: 18.944 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 96 Resp: 48516
Ion Ratio Lower Upper
96 100
61 155.1 123.2 184.8
98 66.3 50.4 75.6





#13

Acrolein

Concen: 69.643 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

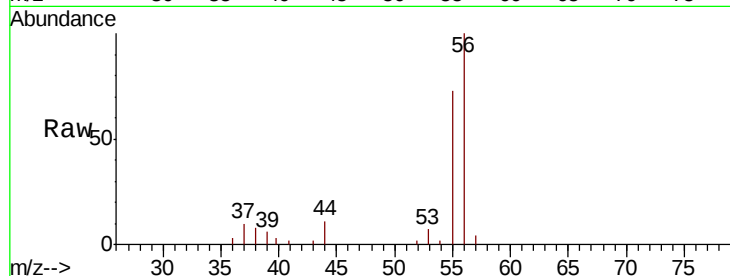
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 29631

Ion Ratio Lower Upper

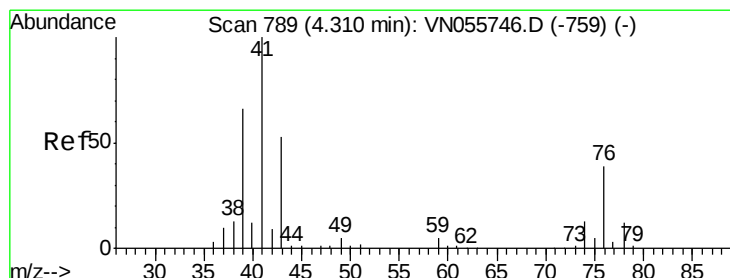
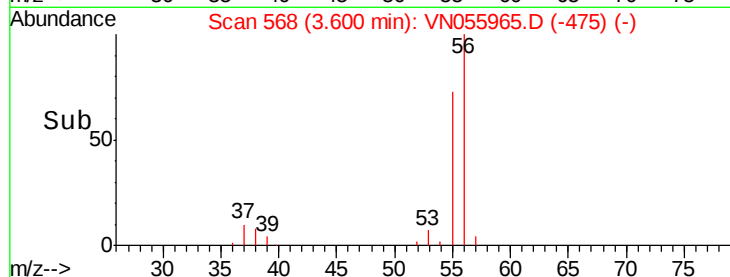
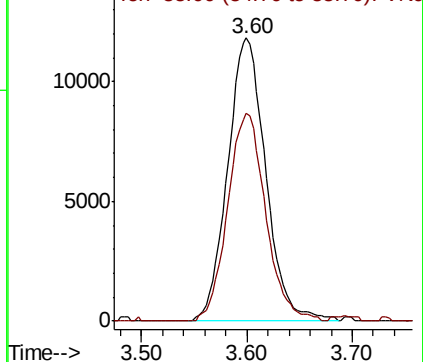
56 100

55 73.2 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.576 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

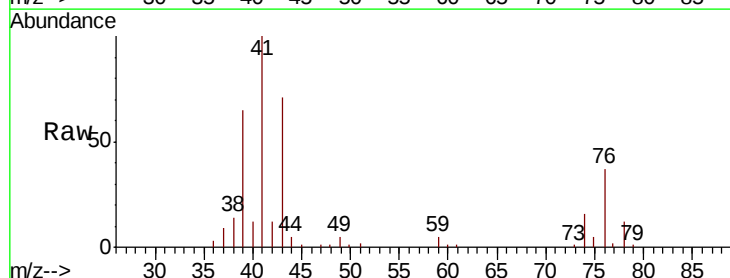
Tgt Ion: 41 Resp: 81555

Ion Ratio Lower Upper

41 100

39 62.2 50.0 75.0

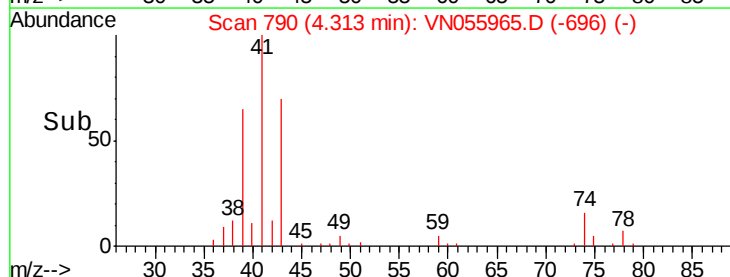
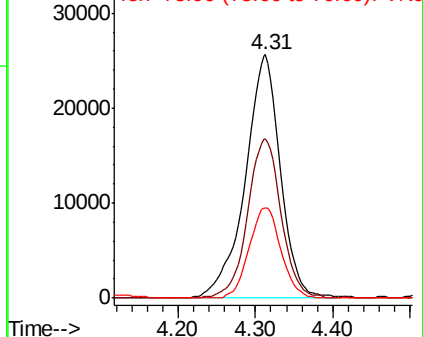
76 33.4 28.2 42.2

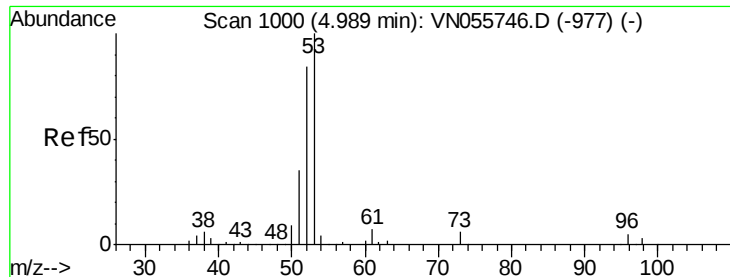


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 108.571 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

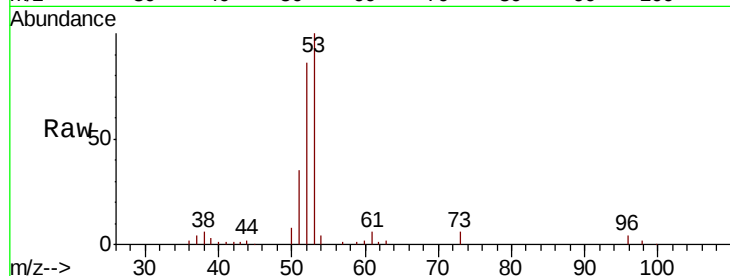
Tot Ion: 53 Resp: 148138

Ion Ratio Lower Upper

53 100

52 84.0 65.8 98.8

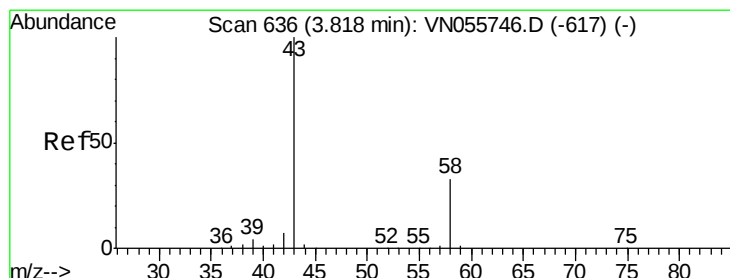
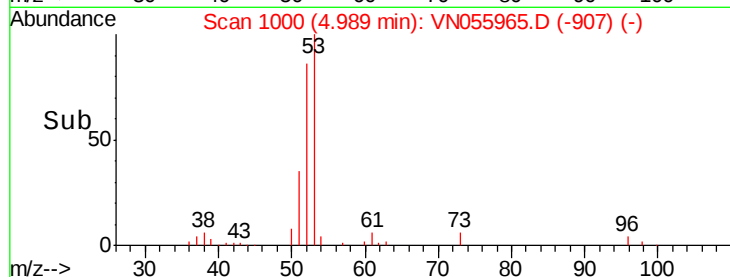
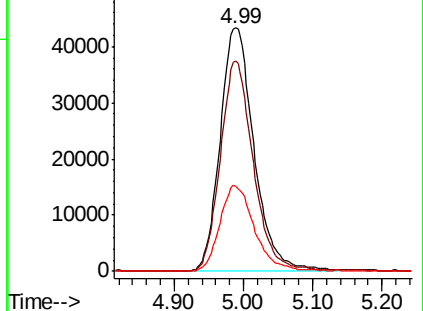
51 36.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055965.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055965.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055965.D (-907) (-)



#16

Acetone

Concen: 99.827 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055965.D

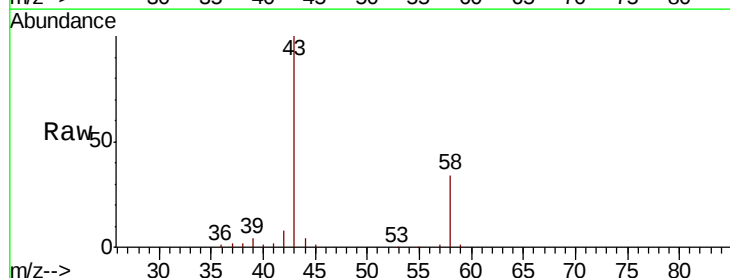
Acq: 3 Jun 2019 16:45

Tgt Ion: 43 Resp: 136468

Ion Ratio Lower Upper

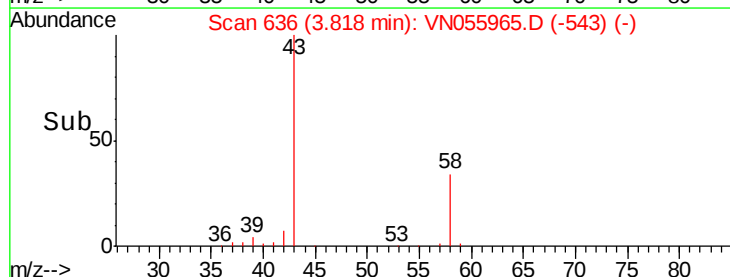
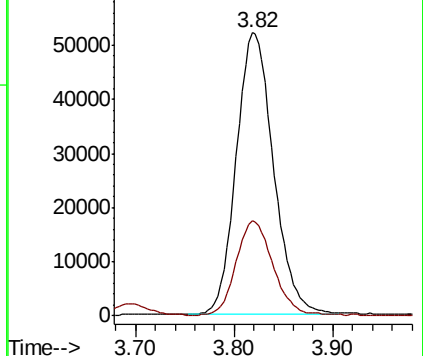
43 100

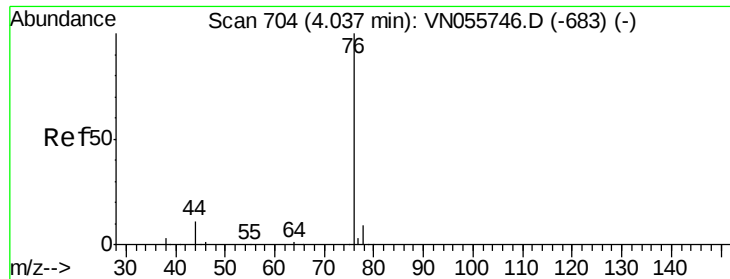
58 33.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055965.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055965.D (-543) (-)

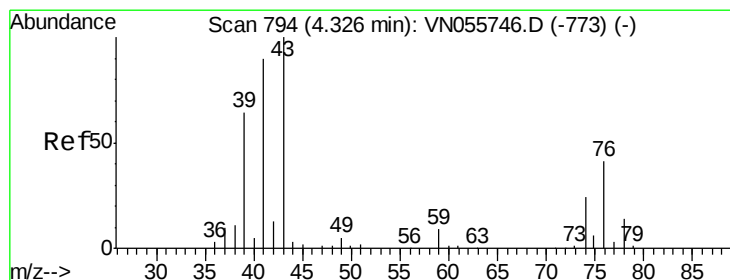
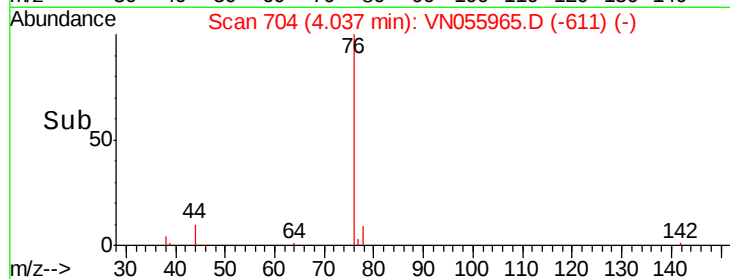
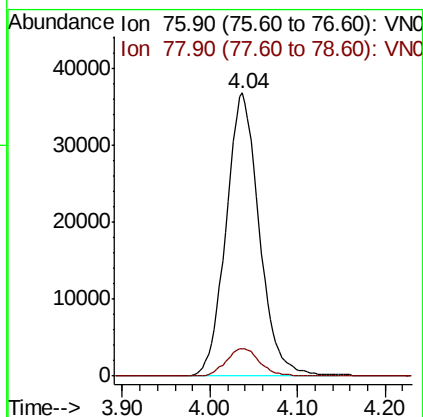
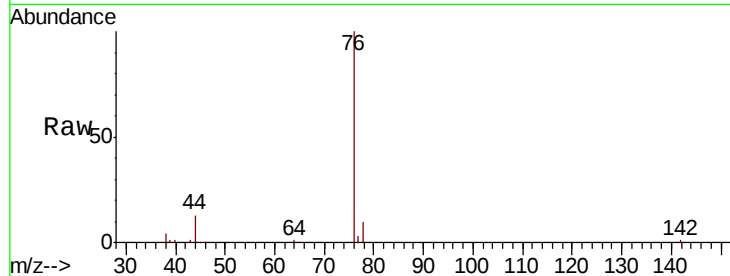




#17
Carbon Disulfide
Concen: 13.339 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

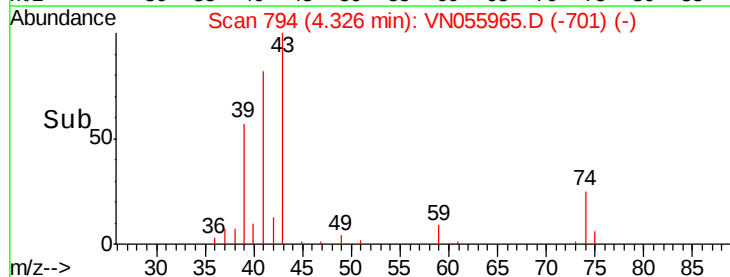
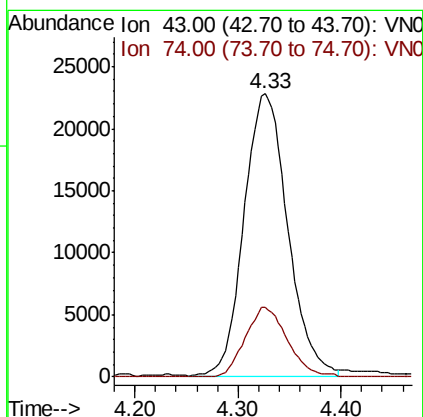
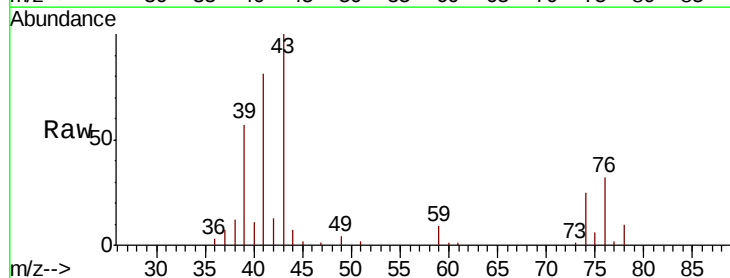
Instrument :
MSVOA_N
ClientSampleId :

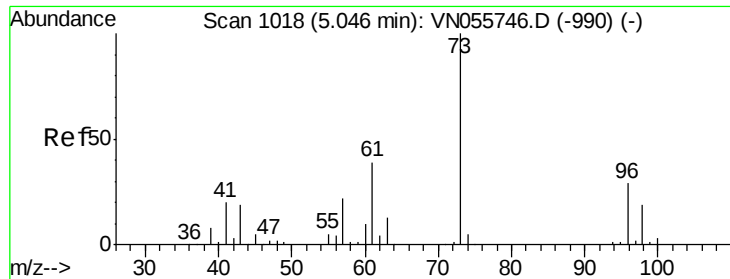
Tot Ion: 76 Resp: 97061
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 23.657 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 43 Resp: 67596
Ion Ratio Lower Upper
43 100
74 23.5 19.3 28.9

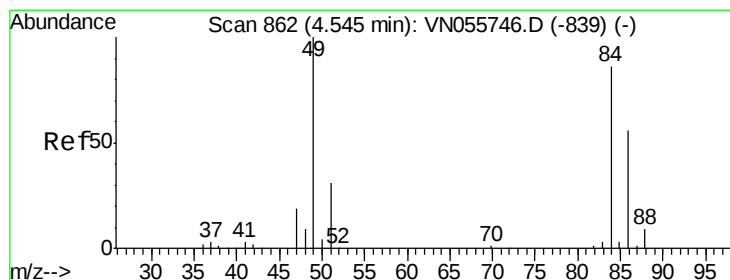
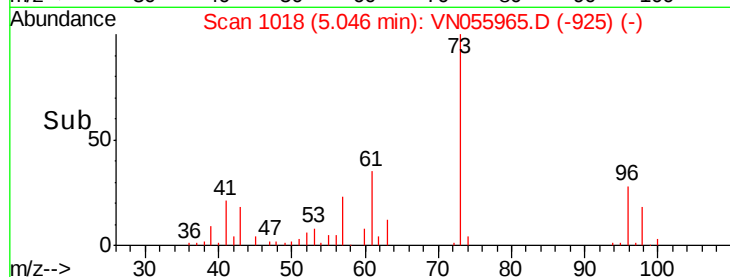
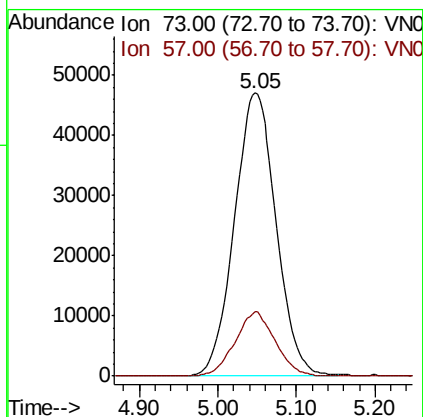
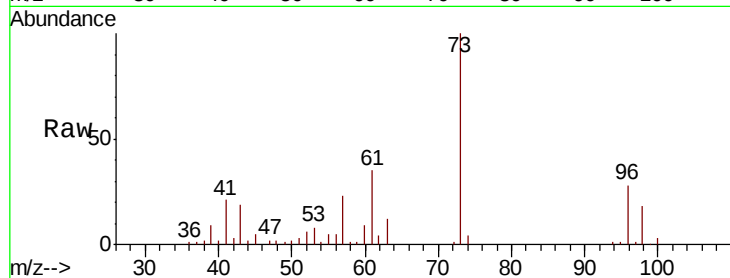




#19
Methvl tert-butvl Ether
Concen: 20.450 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

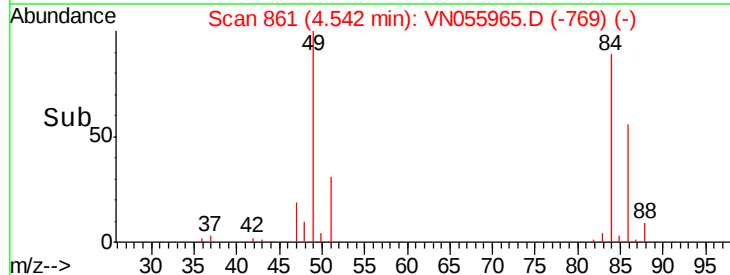
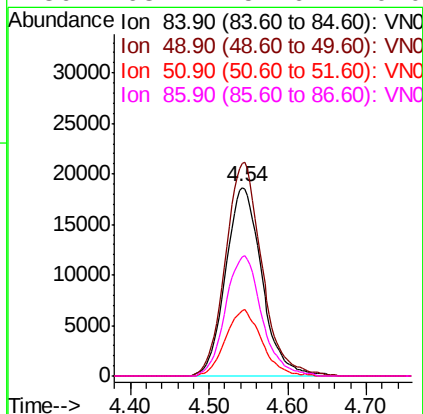
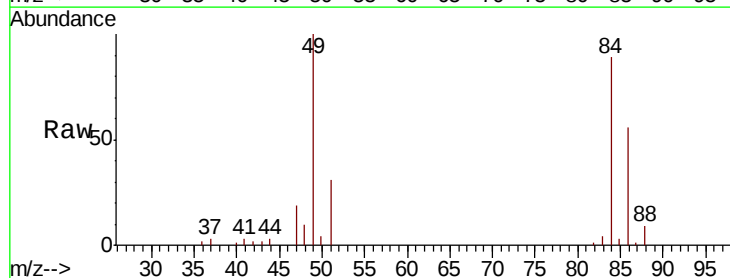
Instrument :
MSVOA_N
ClientSampled :

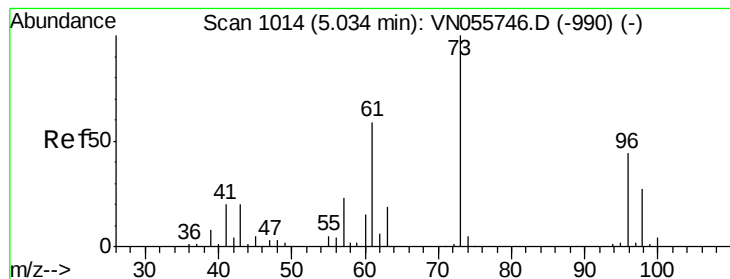
Tot Ion: 73 Resp: 174677
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 20.177 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 84 Resp: 59734
Ion Ratio Lower Upper
84 100
49 113.0 93.5 140.3
51 34.9 28.6 43.0
86 63.4 52.6 79.0



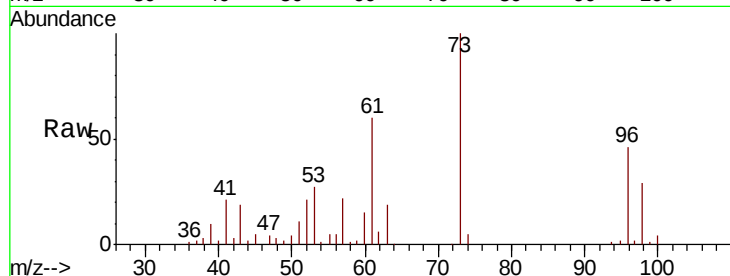


#21

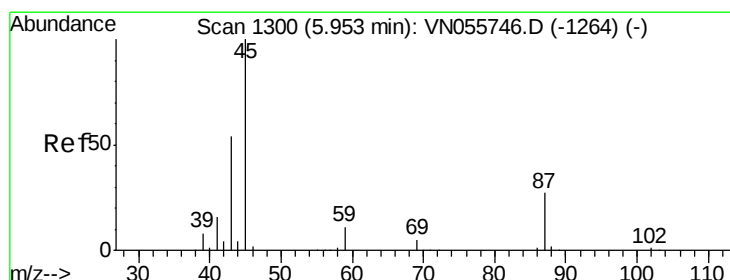
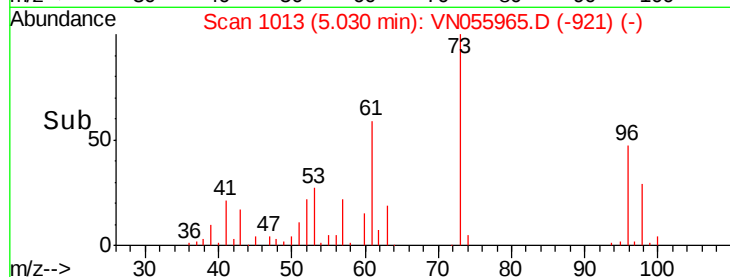
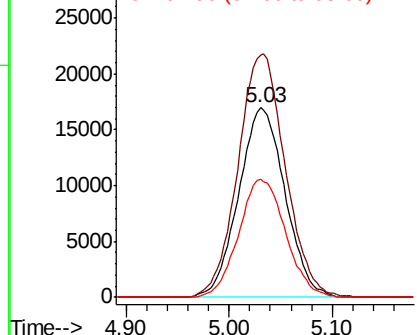
trans-1,2-Dichloroethene
Concen: 19.283 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 53055
Ion Ratio Lower Upper
96 100
61 128.2 107.8 161.8
98 62.3 49.8 74.8



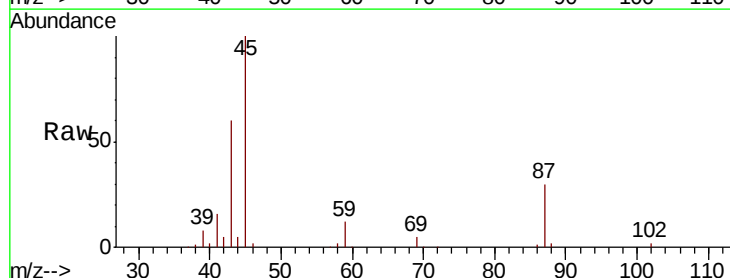
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



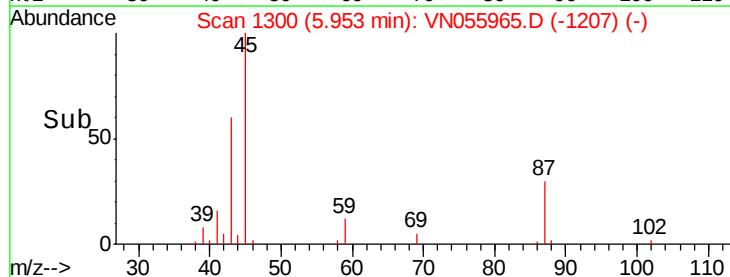
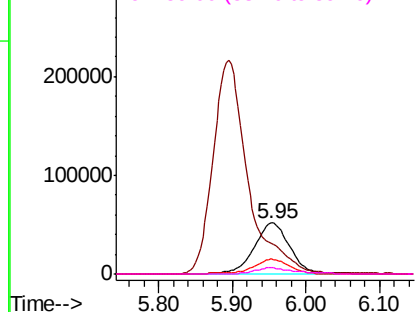
#22

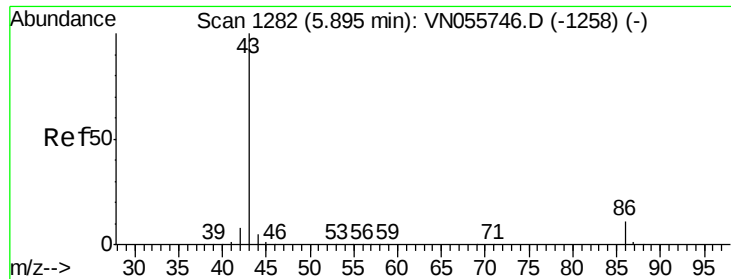
Diisopropyl ether
Concen: 20.418 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 45 Resp: 174351
Ion Ratio Lower Upper
45 100
43 56.9 45.0 67.6
87 29.2 22.2 33.4
59 11.2 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: 98.070 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

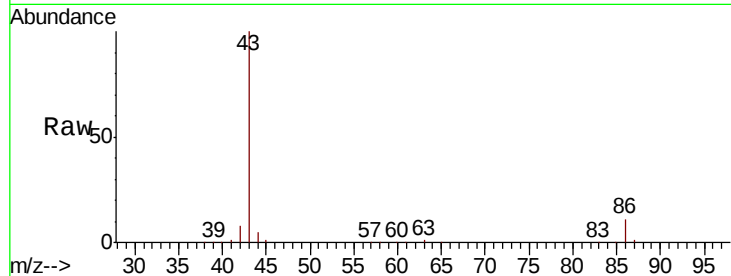
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 718016

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055965.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055965.D (-1189) (-)

5.90

250000

200000

150000

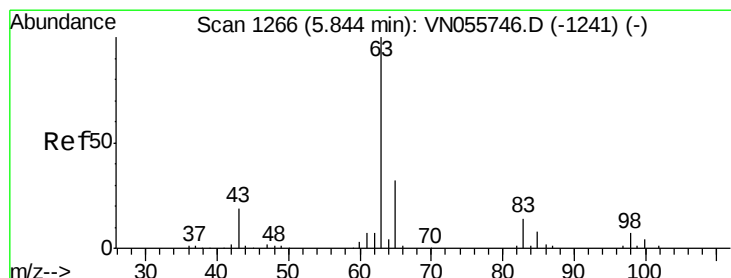
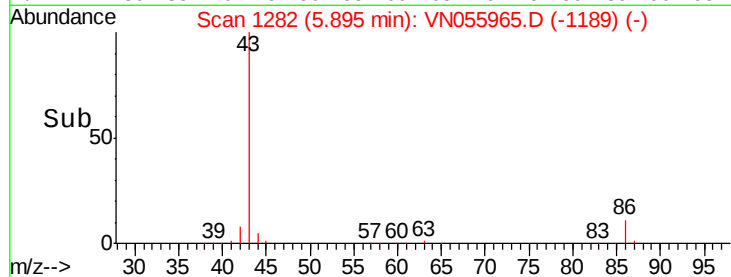
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.142 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

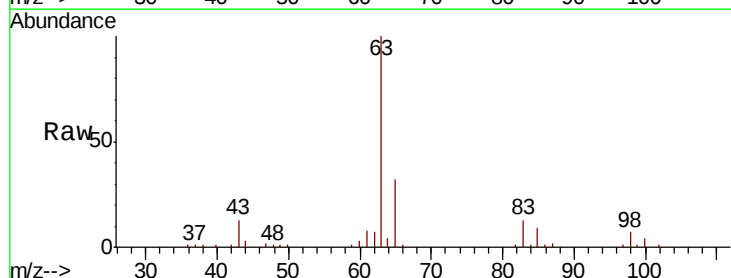
Tgt Ion: 63 Resp: 100141

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055965.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055965.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055965.D (-1173) (-)

5.84

40000

30000

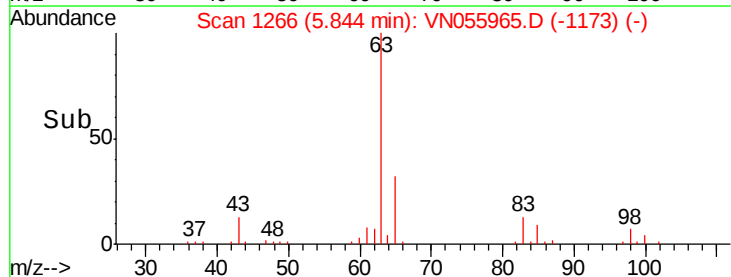
20000

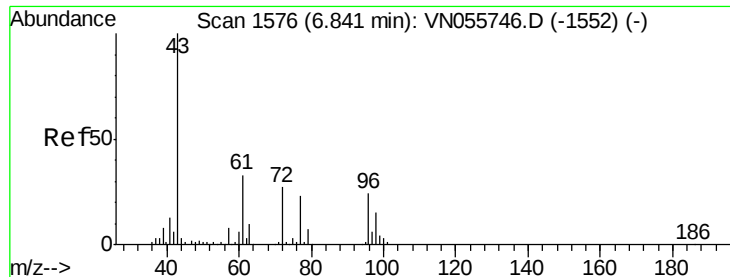
10000

0

5.70 5.80 5.90

Time-->

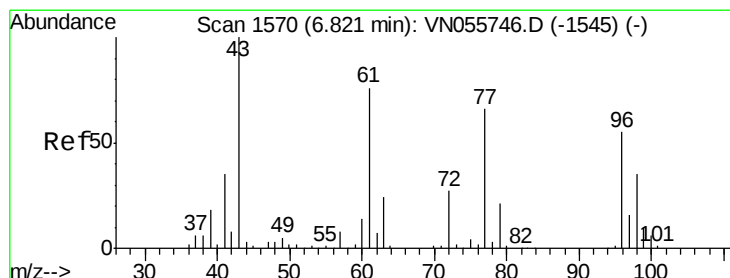
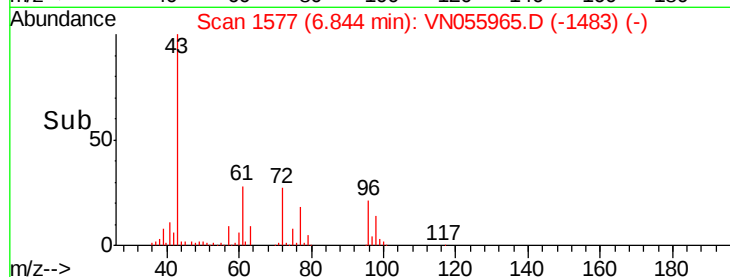
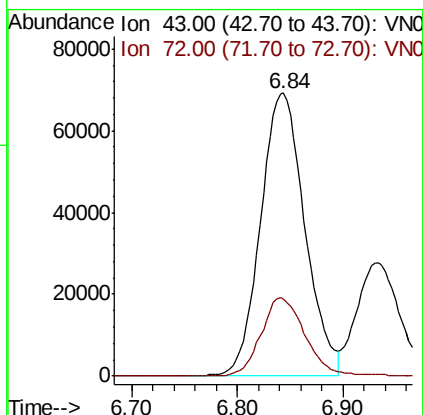
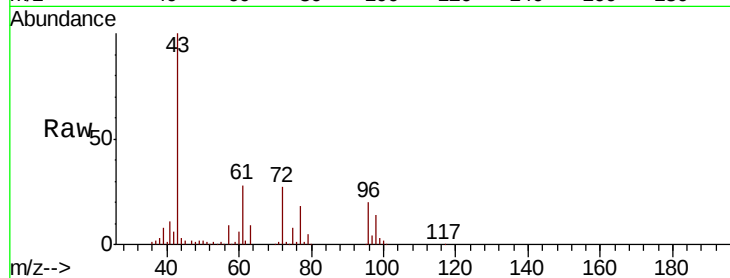




#25
2-Butanone
Concen: 105.834 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

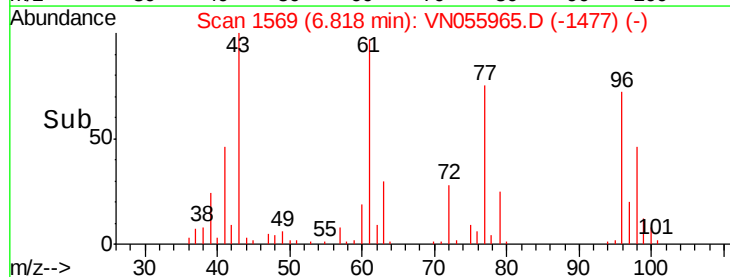
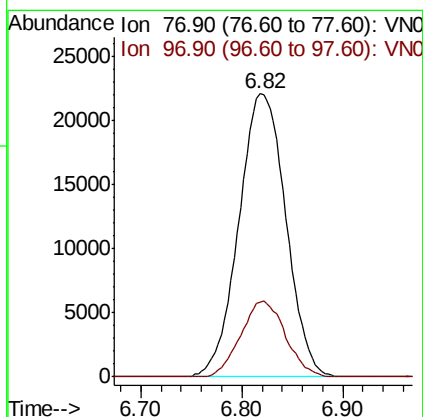
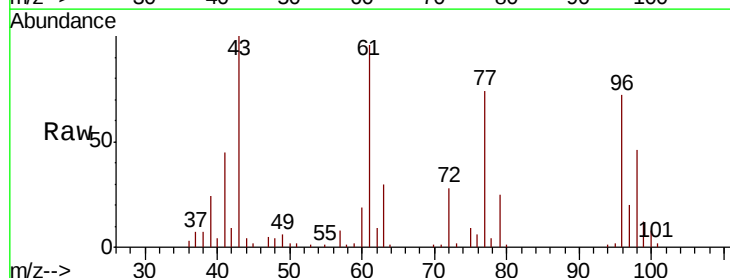
Instrument :
MSVOA_N
ClientSampled :

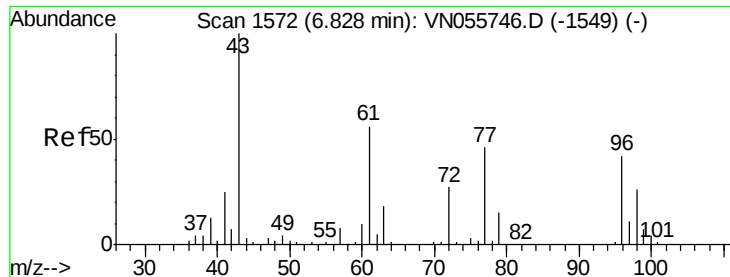
Tot Ion: 43 Resp: 202057
Ion Ratio Lower Upper
43 100
72 27.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 16.584 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 77 Resp: 71358
Ion Ratio Lower Upper
77 100
97 25.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.245 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

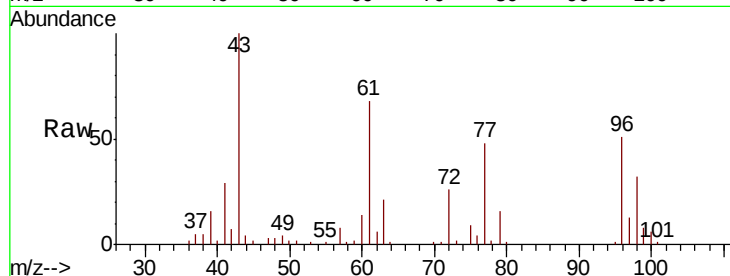
Tot Ion: 96 Resp: 64987

Ion Ratio Lower Upper

96 100

61 136.3 0.0 275.8

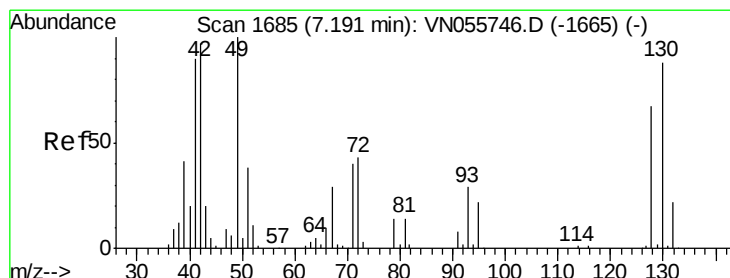
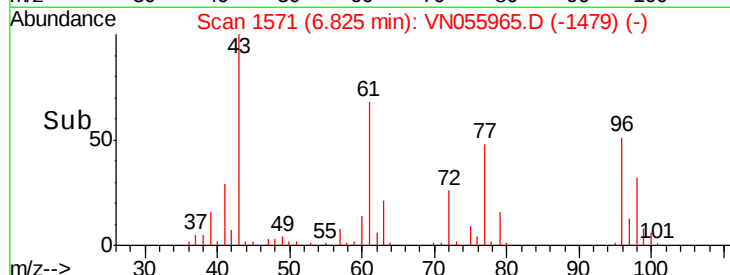
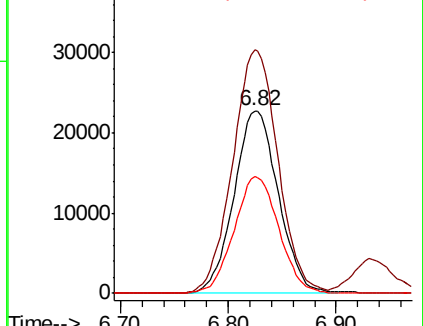
98 64.4 0.0 128.4



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: 20.765 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

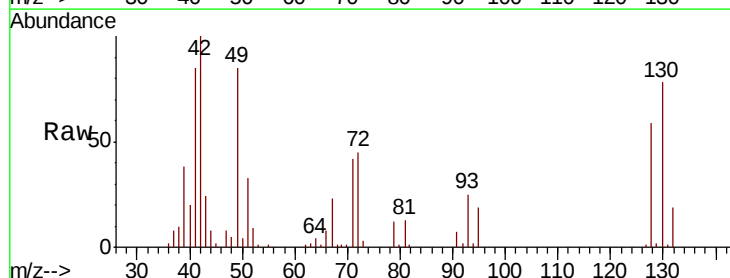
Tgt Ion: 49 Resp: 49155

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

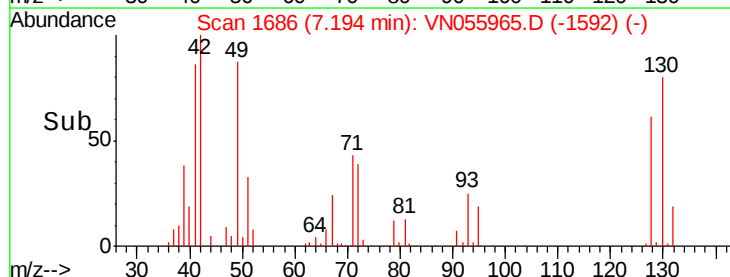
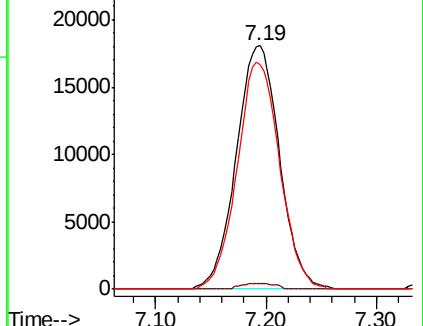
130 91.7 71.2 106.8

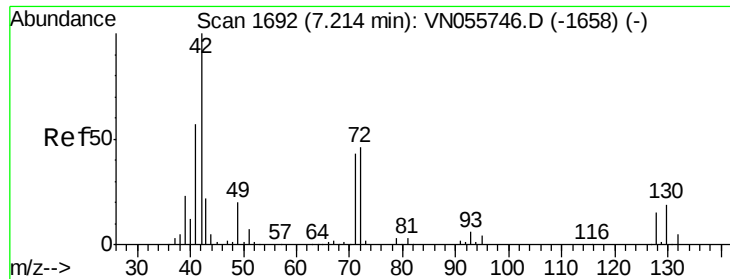


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

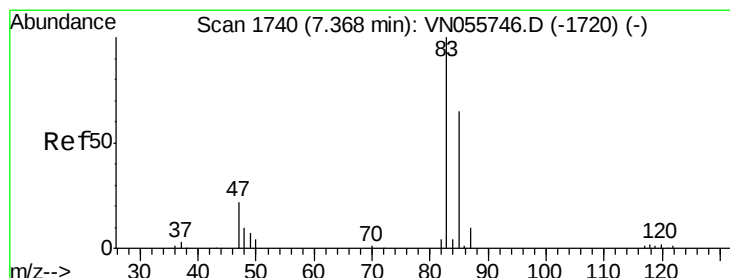
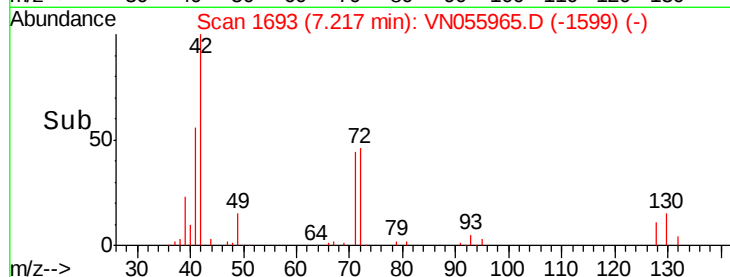
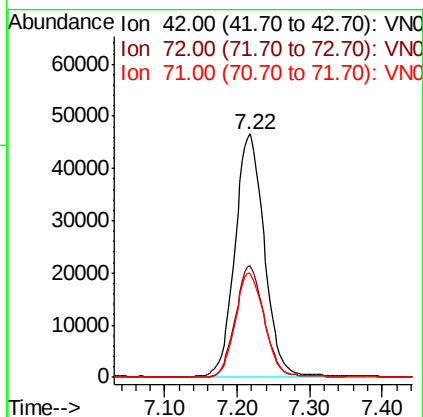
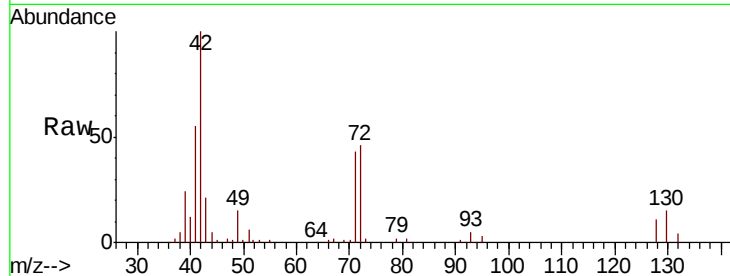




#29
Tetrahydrofuran
Concen: 109.445 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

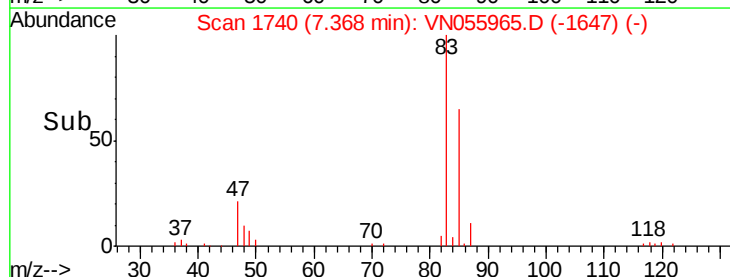
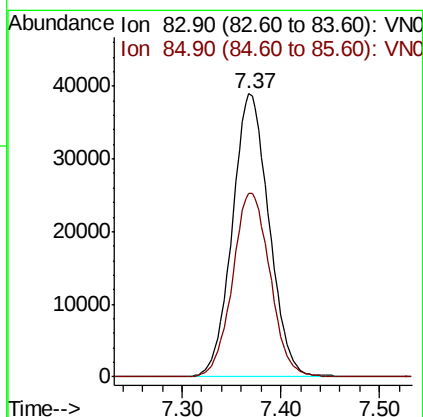
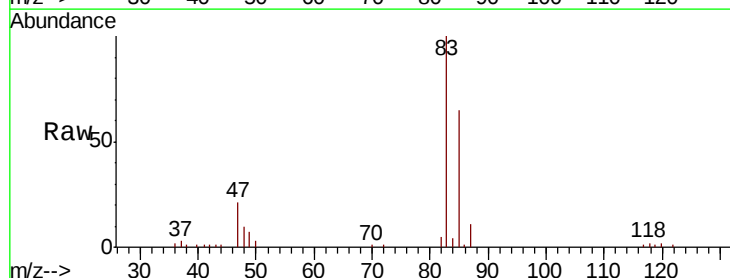
Instrument :
MSVOA_N
ClientSampled :

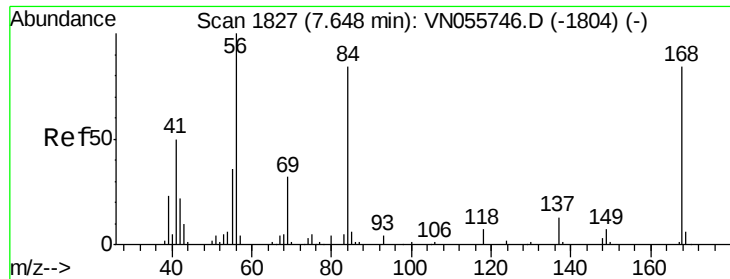
Tot Ion: 42 Resp: 132322
Ion Ratio Lower Upper
42 100
72 44.4 35.9 53.9
71 42.1 34.0 51.0



#30
Chloroform
Concen: 20.293 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 83 Resp: 100621
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8

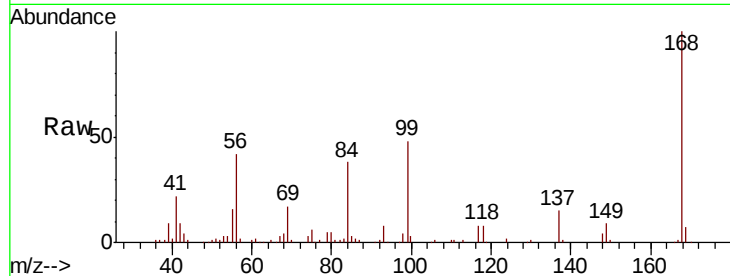




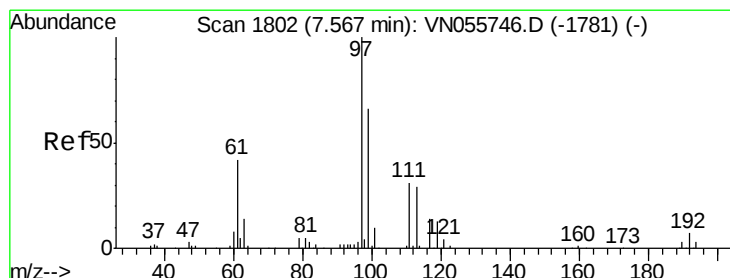
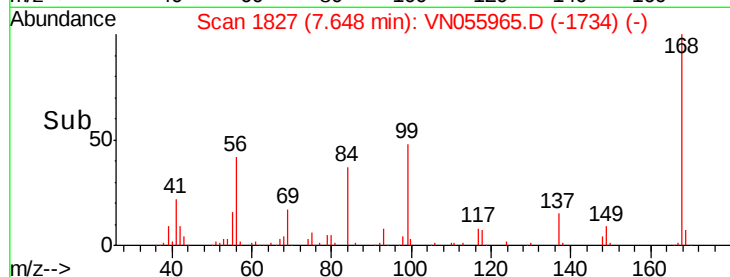
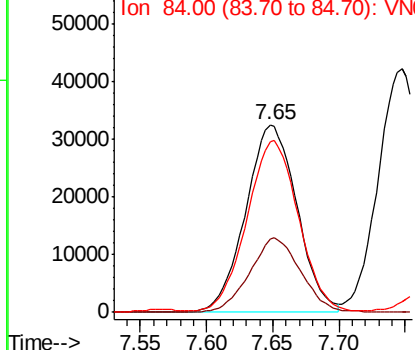
#31
Cyclohexane
Concen: 18.746 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 87504
Ion Ratio Lower Upper
56 100
69 39.3 25.6 38.4#
84 89.6 67.4 101.0

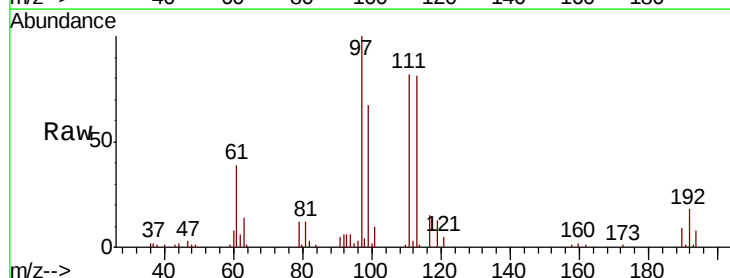


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

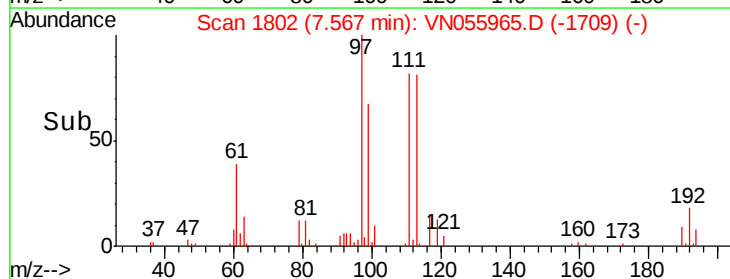
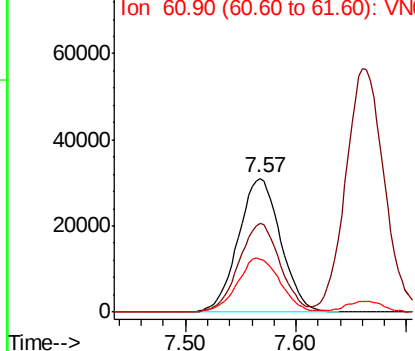


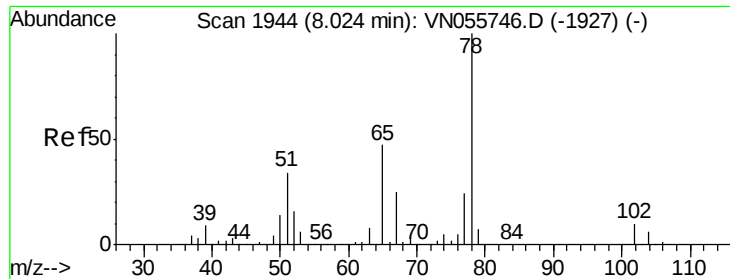
#32
1,1,1-Trichloroethane
Concen: 18.662 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 97 Resp: 82573
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 40.8 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

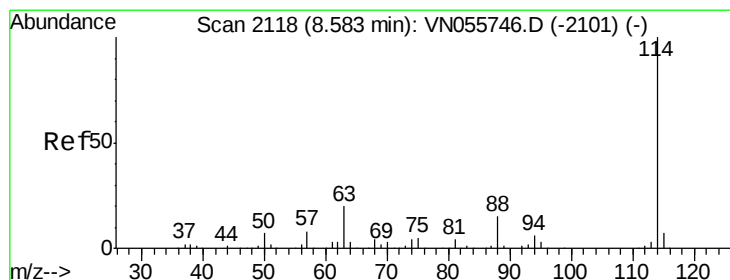
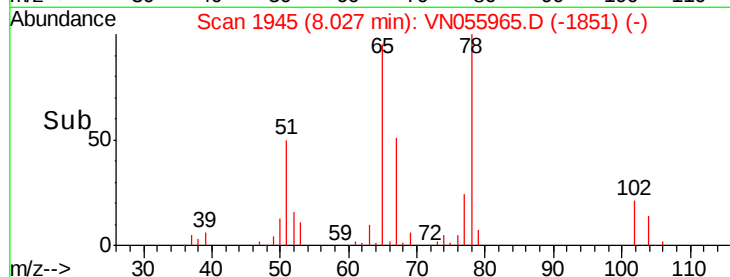
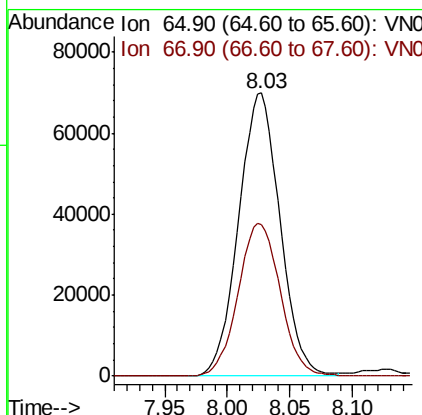
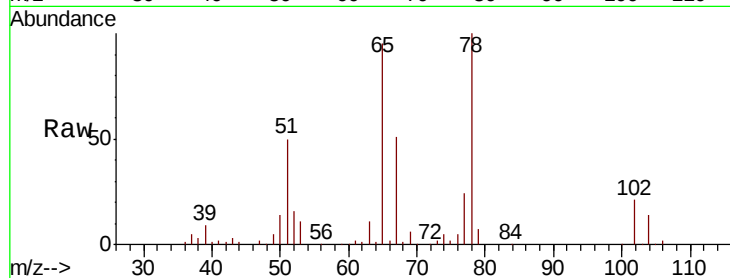




#33
 1,2-Dichloroethane-d4
 Concen: 51.654 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

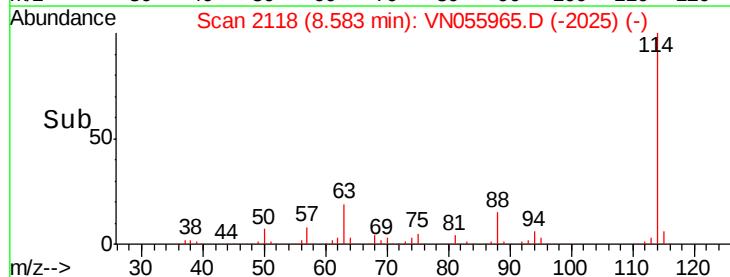
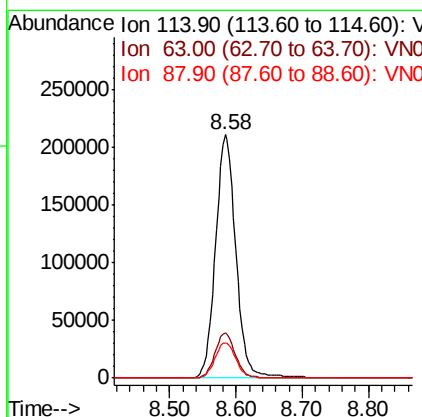
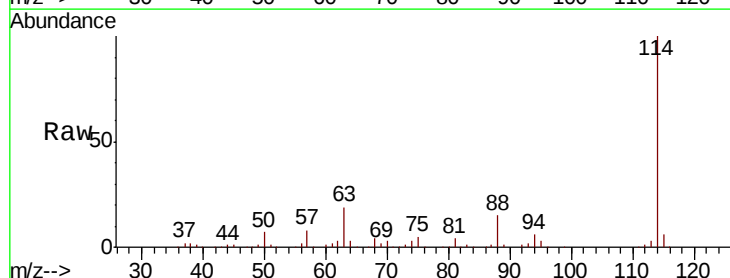
Instrument :
 MSVOA_N
 ClientSampled :

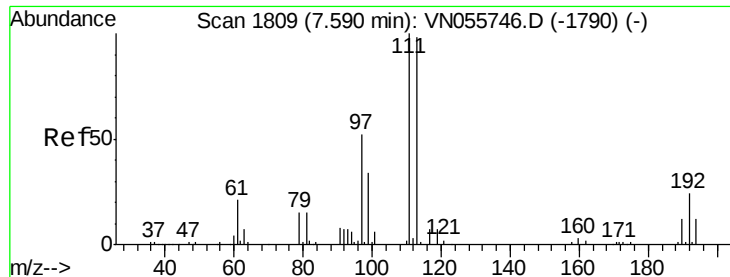
Tot Ion: 65 Resp: 160639
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Tgt Ion: 114 Resp: 449322
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.6 0.0 31.0

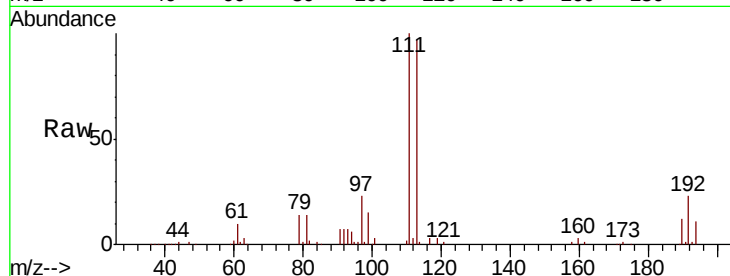




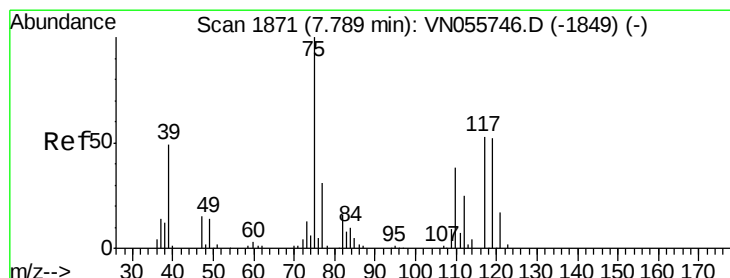
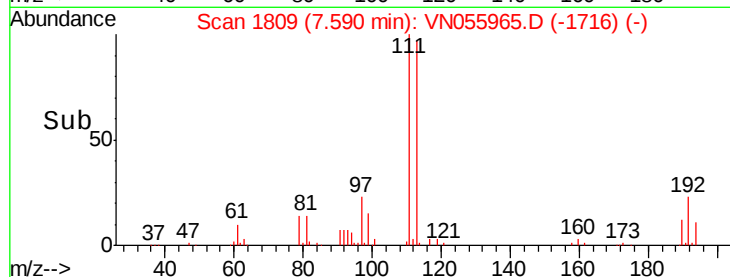
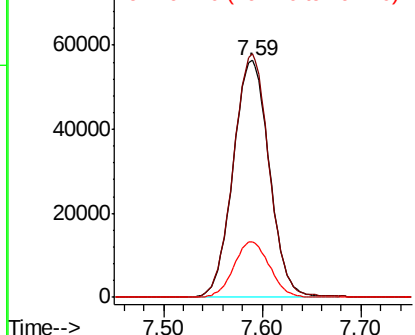
#35
 Dibromofluoromethane
 Concen: 50.686 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 143986
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.9 122.9
 192 23.1 19.5 29.3

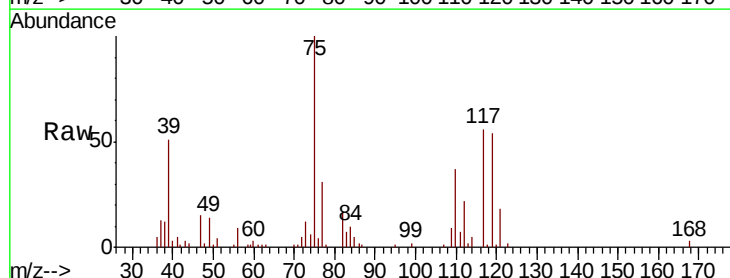


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

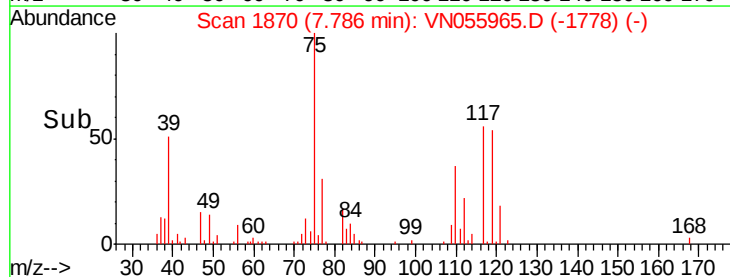
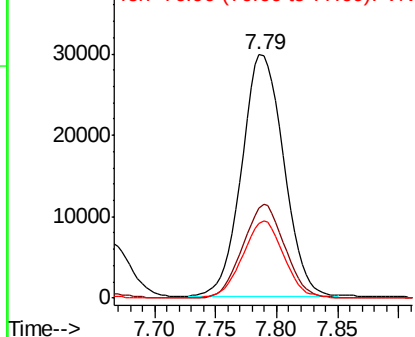


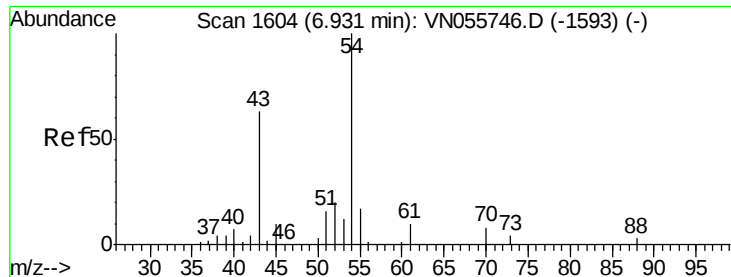
#36
 1,1-Dichloropropene
 Concen: 18.061 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Tgt Ion: 75 Resp: 70719
 Ion Ratio Lower Upper
 75 100
 110 38.7 19.0 57.0
 77 31.5 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

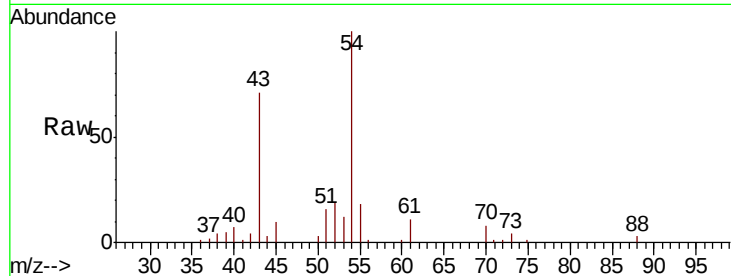




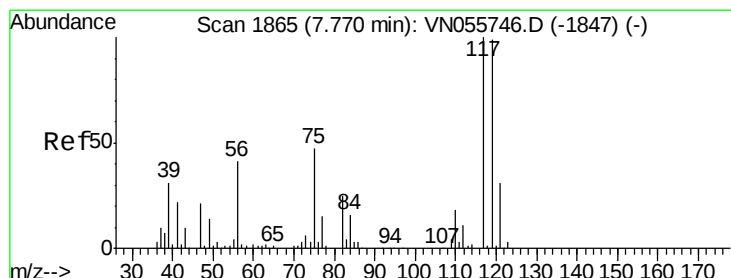
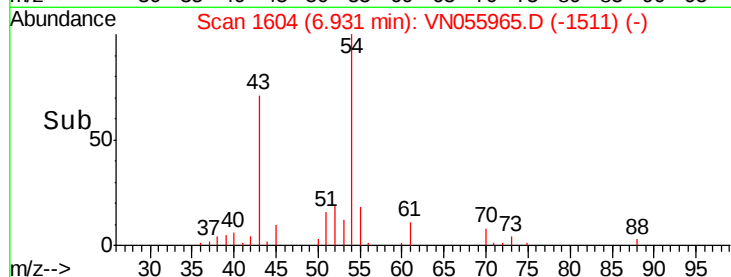
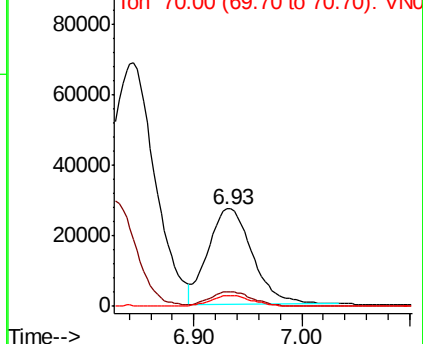
#37
Ethyl Acetate
Concen: 20.776 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampleID :

Tot Ion: 43 Resp: 78628
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 10.8 8.9 13.3

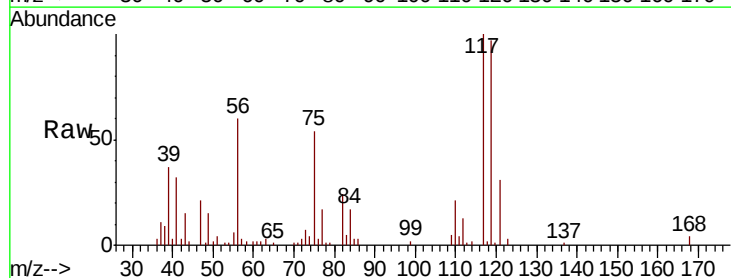


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

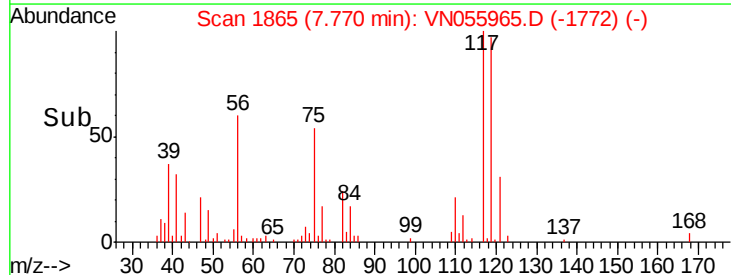
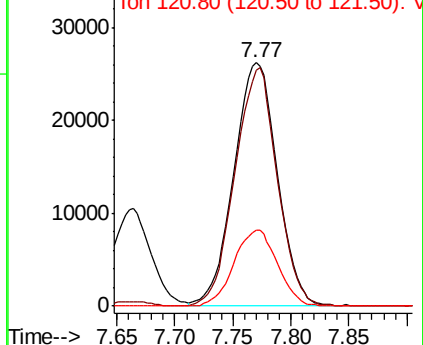


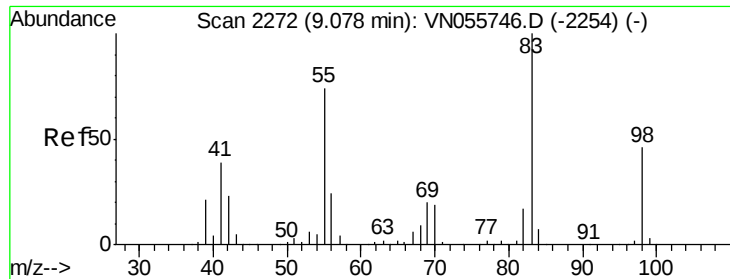
#38
Carbon Tetrachloride
Concen: 16.762 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 117 Resp: 68367
Ion Ratio Lower Upper
117 100
119 96.9 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

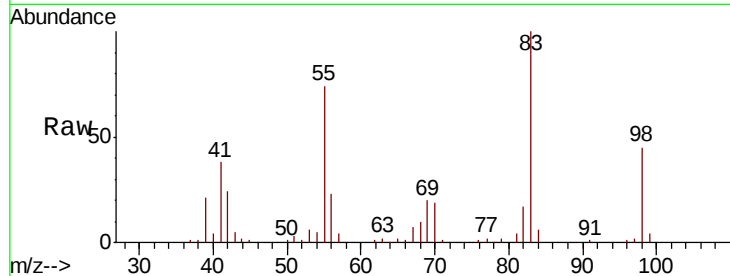




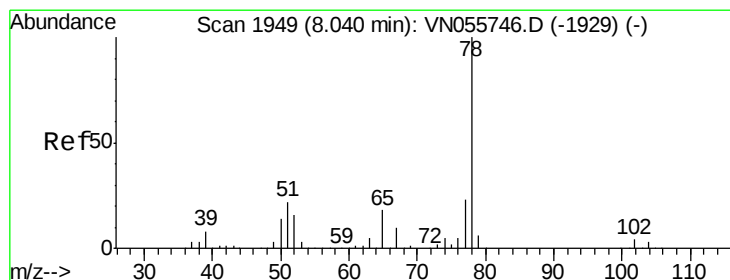
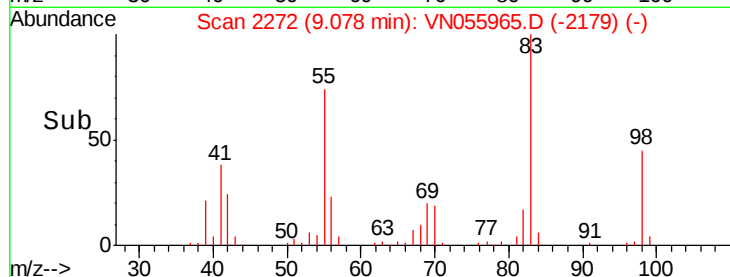
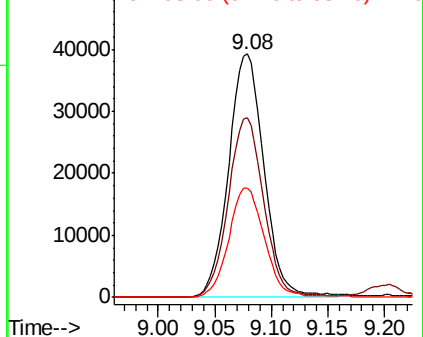
#39
Methvlcvclohexane
Concen: 17.665 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 85655
Ion Ratio Lower Upper
83 100
55 74.0 59.3 88.9
98 45.1 36.6 54.8

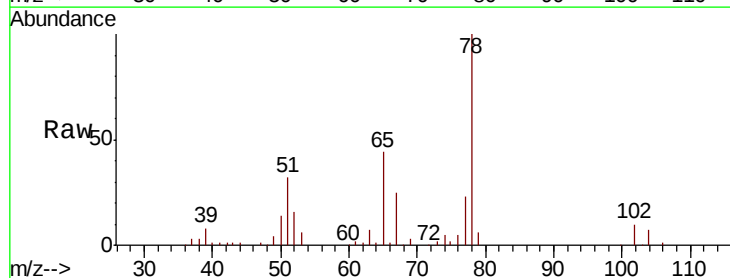


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

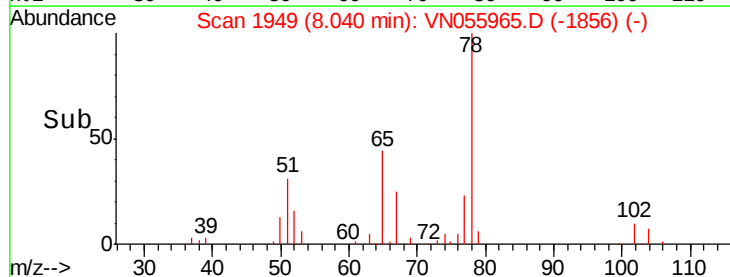
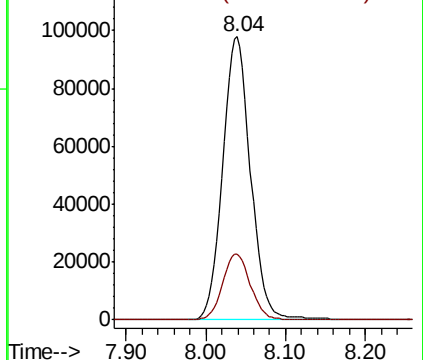


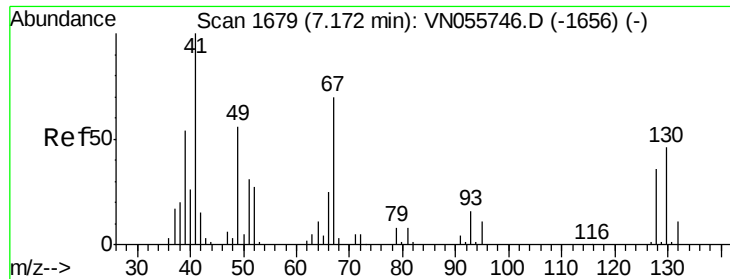
#40
Benzene
Concen: 19.771 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 78 Resp: 233315
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



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

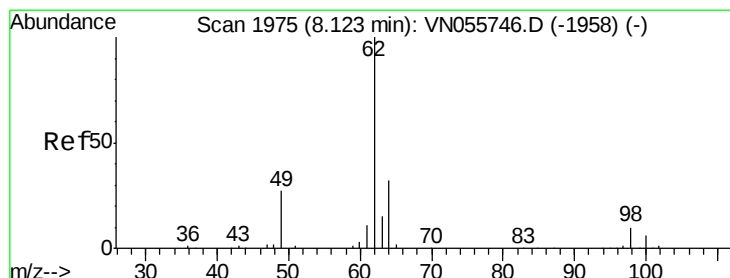
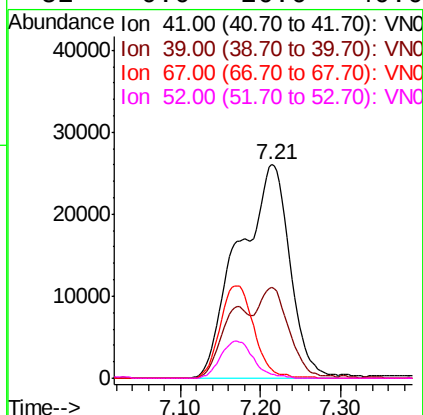
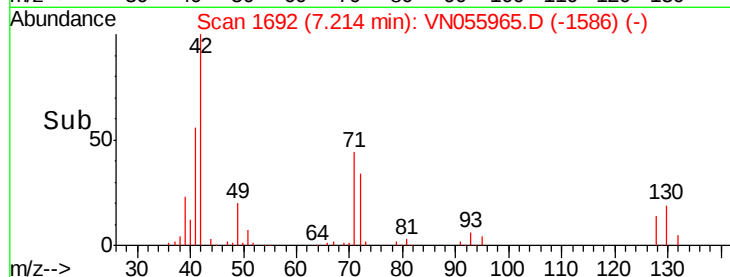
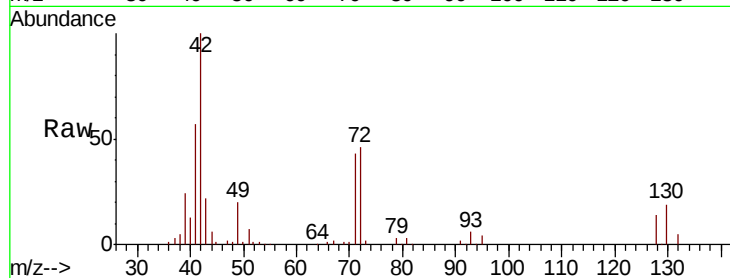




#41
Methacrylonitrile
Concen: 60.032 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

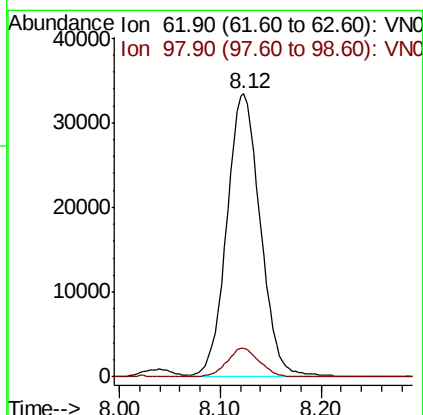
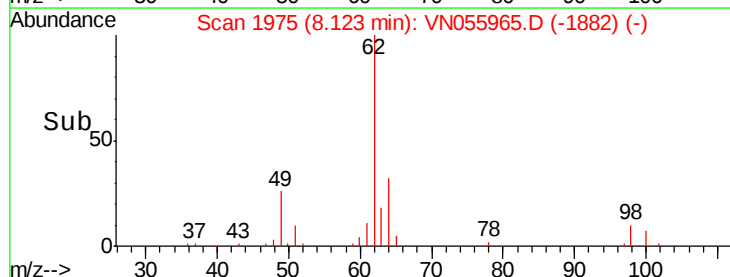
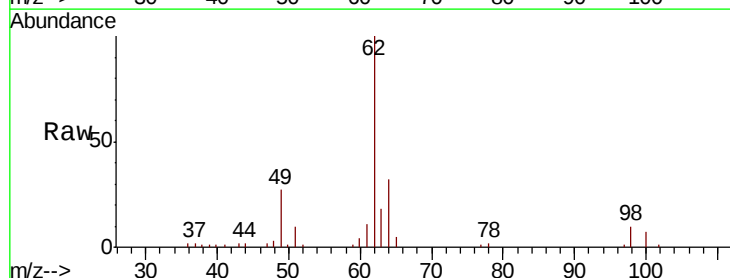
Instrument :
MSVOA_N
ClientSampleId :

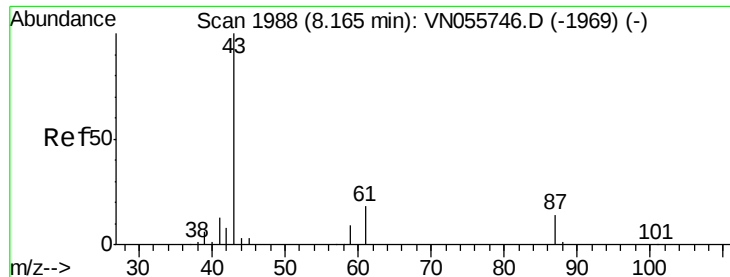
Tot Ion: 41 Resp: 114778
Ion Ratio Lower Upper
41 100
39 0.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#42
1,2-Dichloroethane
Concen: 20.068 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 62 Resp: 77384
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.382 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

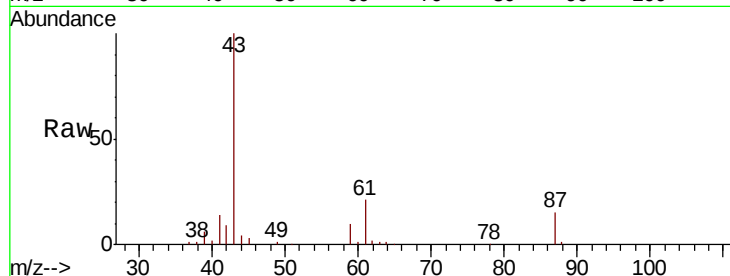
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 123243

Ion	Ratio	Lower	Upper
43	100		
61	20.8	22.2	33.4#
87	14.4	11.4	17.2

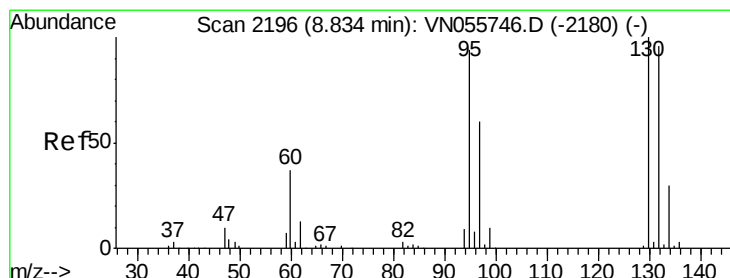
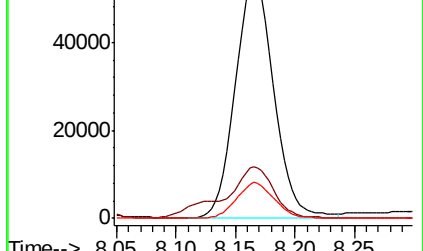
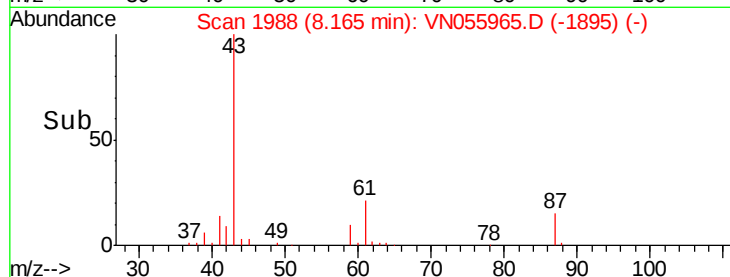


Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 19.461 ug/l

RT: 8.83 min Scan# 2196

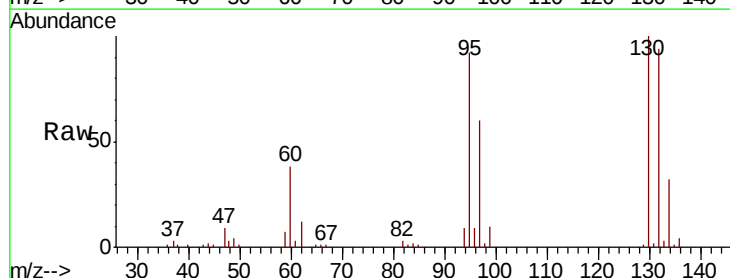
Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Tgt Ion:130 Resp: 64026

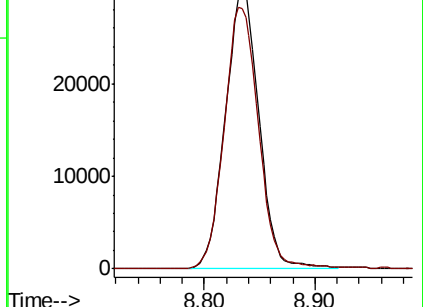
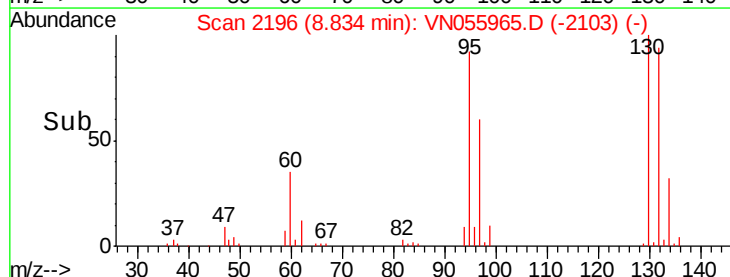
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	188.0

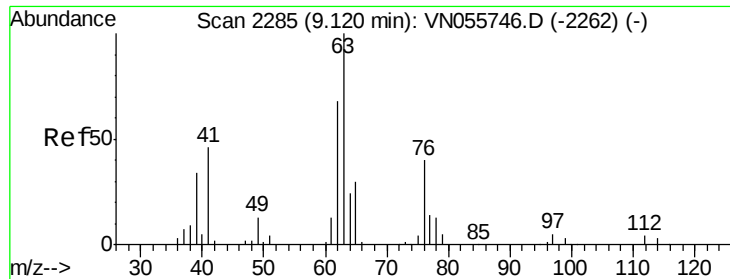


Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

Time--> 8.80 8.90





#45

1,2-Dichloropropane

Concen: 19.941 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

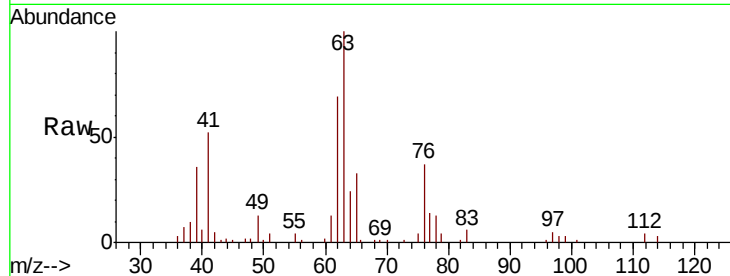
ClientSampleId :

Tot Ion: 63 Resp: 61313

Ion Ratio Lower Upper

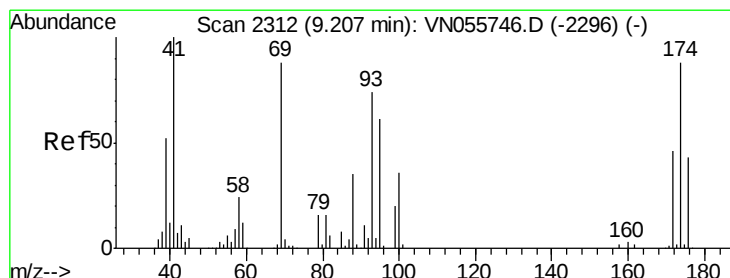
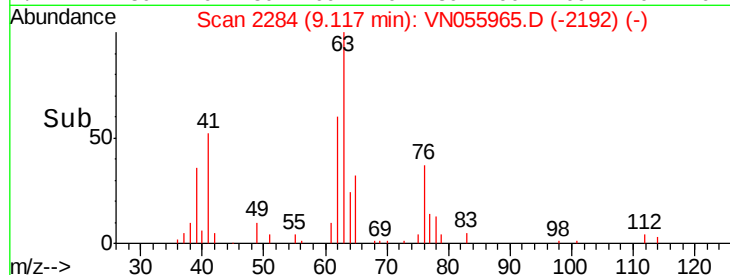
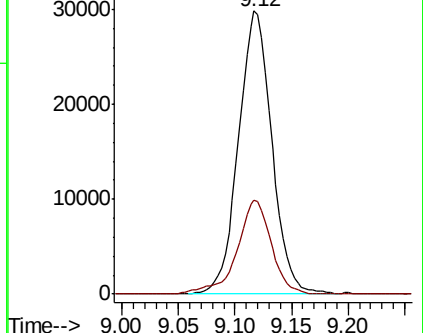
63 100

65 33.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN055746.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055746.D (-2262) (-)



#46

Dibromomethane

Concen: 19.591 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

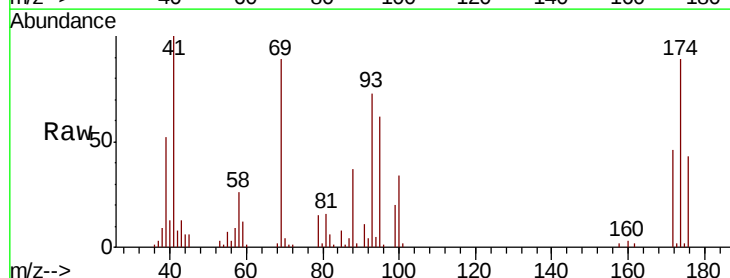
Tgt Ion: 93 Resp: 39504

Ion Ratio Lower Upper

93 100

95 85.4 66.7 100.1

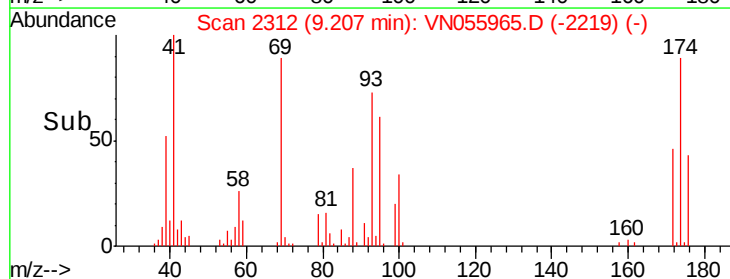
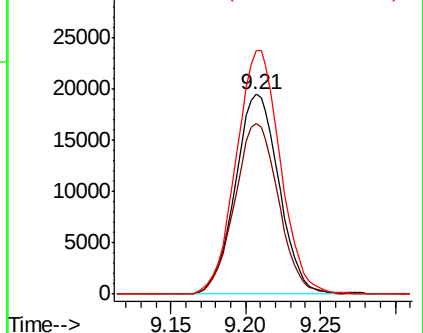
174 123.6 96.4 144.6

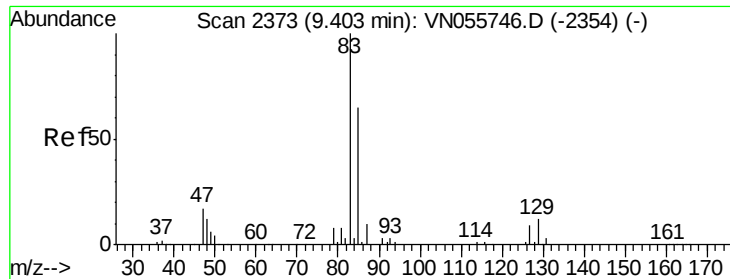


Abundance Ion 92.80 (92.50 to 93.50): VN055746.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN055746.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN055746.D (-2296) (-)





#47

Bromodichloromethane

Concen: 17.626 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

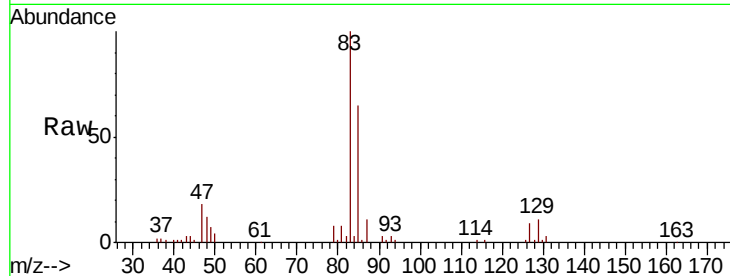
Tot Ion: 83 Resp: 72879

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.2

127 9.4 7.4 11.0

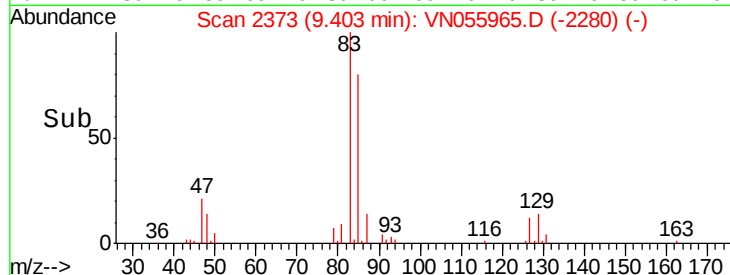


Abundance Ion 82.90 (82.60 to 83.60): VN055746.D (-2354) (-)

Ion 84.90 (84.60 to 85.60): VN055746.D (-2354) (-)

Ion 126.80 (126.50 to 127.50): VN055746.D (-2354) (-)

Time-->

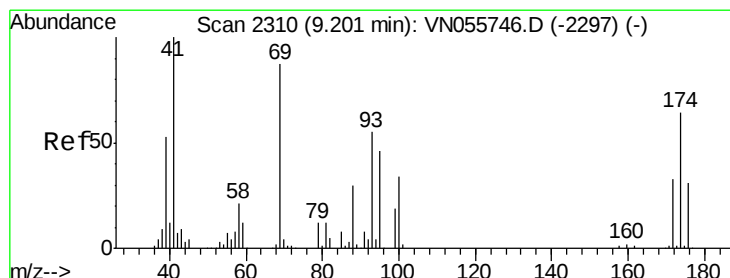


Abundance Ion 82.90 (82.60 to 83.60): VN055965.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055965.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055965.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 20.508 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

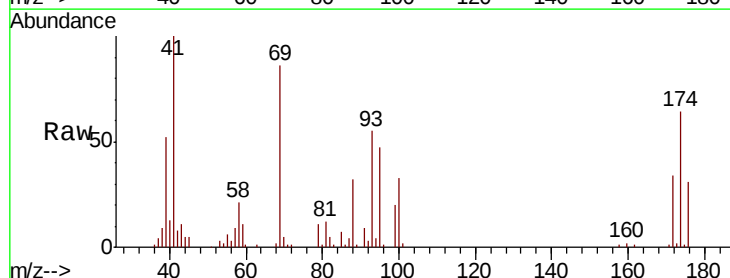
Tgt Ion: 41 Resp: 60099

Ion Ratio Lower Upper

41 100

69 90.2 71.0 106.6

39 53.2 44.2 66.2

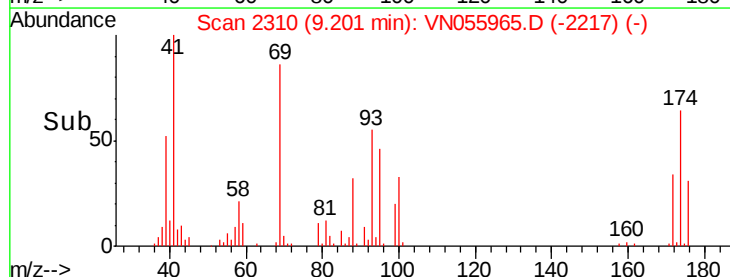


Abundance Ion 41.00 (40.70 to 41.70): VN055746.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055746.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055746.D (-2297) (-)

Time-->

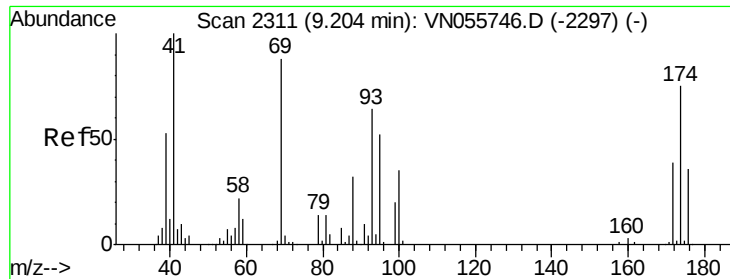


Abundance Ion 41.00 (40.70 to 41.70): VN055965.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055965.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055965.D (-2217) (-)

Time-->



#49

1,4-Dioxane

Concen: 428.187 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

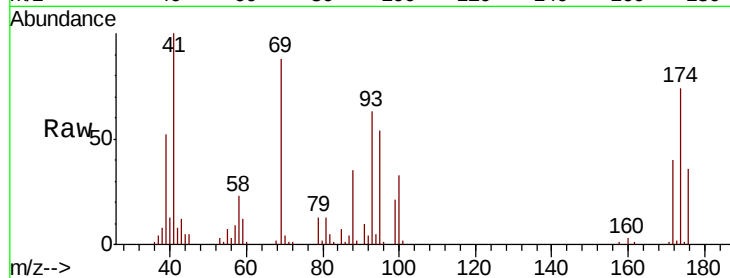
Tot Ion: 88 Resp: 26076

Ion Ratio Lower Upper

88 100

43 25.8 20.5 30.7

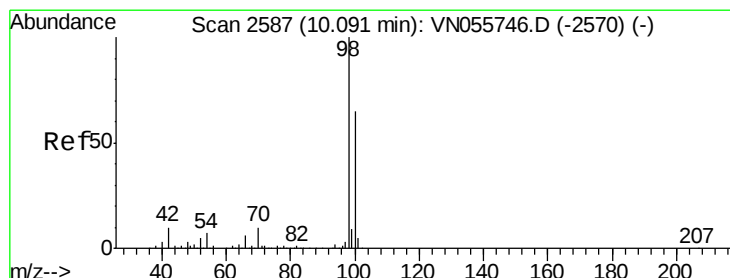
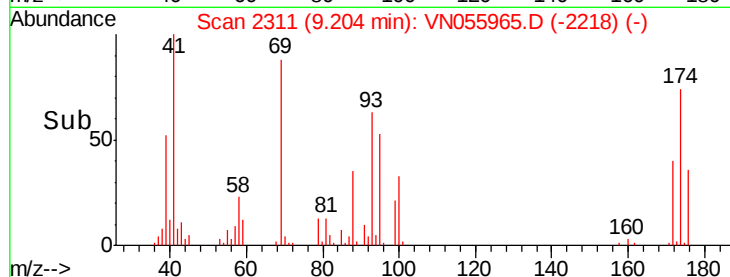
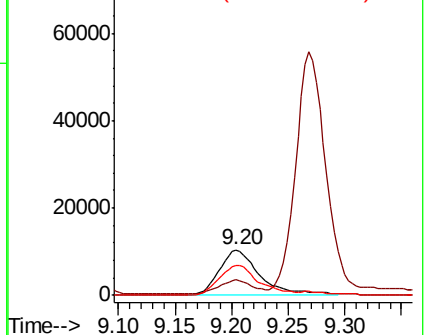
58 64.0 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN055965.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN055965.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN055965.D (-2218) (-)



#50

Toluene-d8

Concen: 49.132 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055965.D

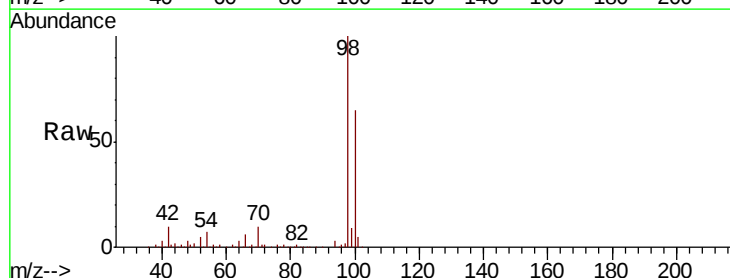
Acq: 3 Jun 2019 16:45

Tgt Ion: 98 Resp: 535391

Ion Ratio Lower Upper

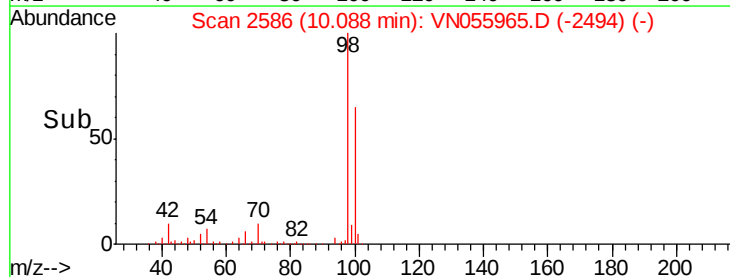
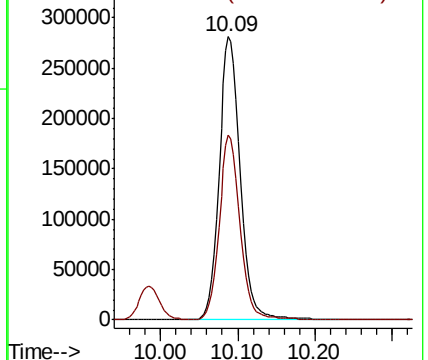
98 100

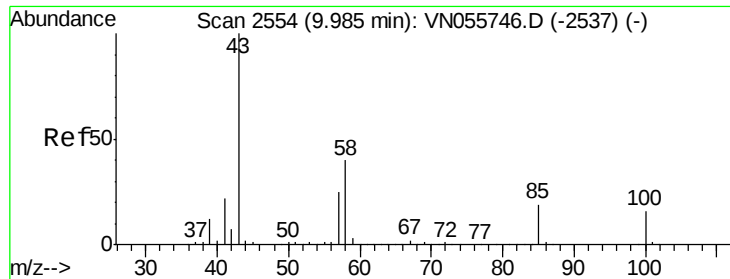
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055965.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055965.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 104.224 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

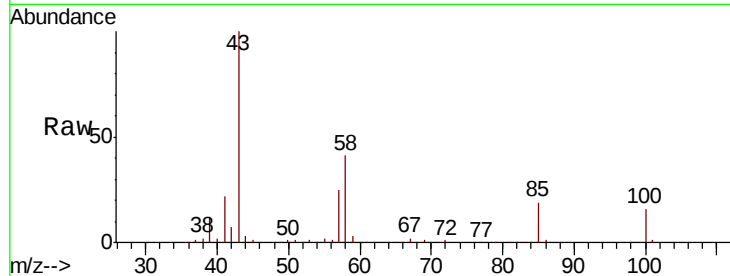
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 391402

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

9.99

200000

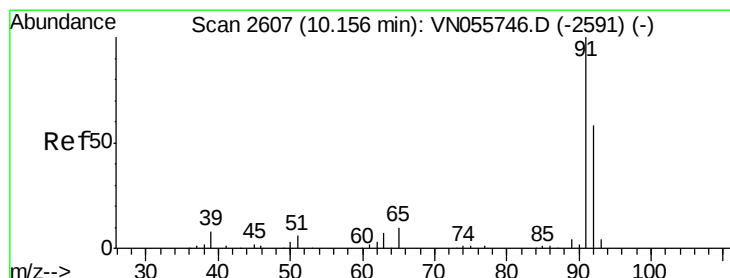
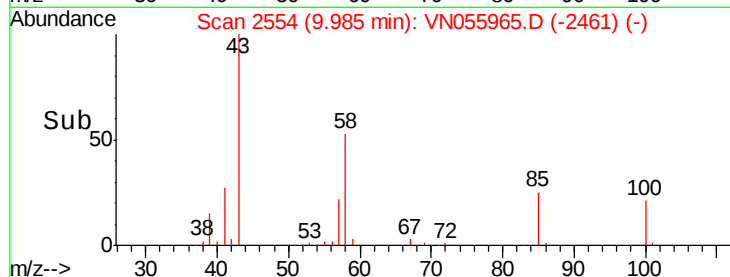
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.885 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055965.D

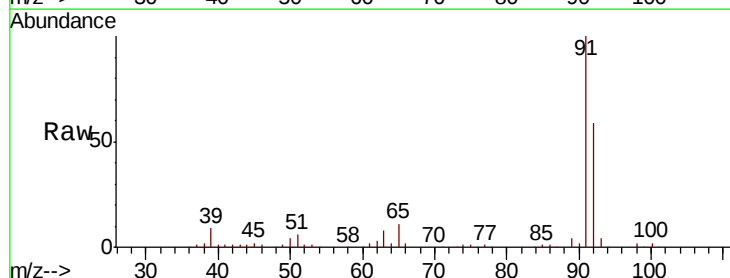
Acq: 3 Jun 2019 16:45

Tgt Ion: 92 Resp: 147587

Ion Ratio Lower Upper

92 100

91 171.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

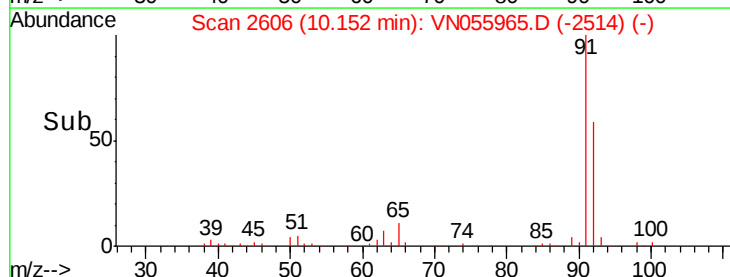
150000

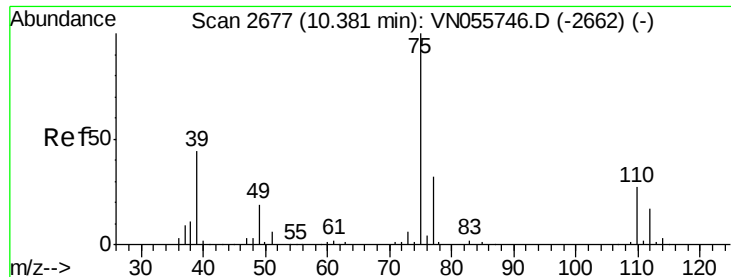
100000

50000

0

Time-->

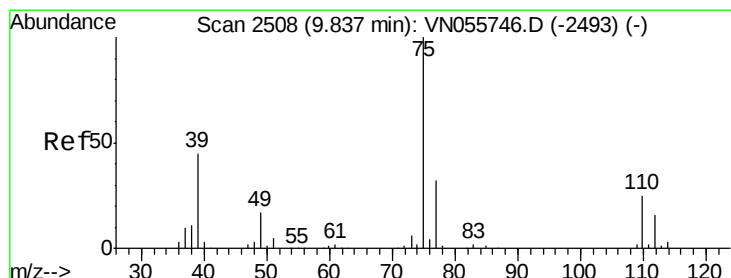
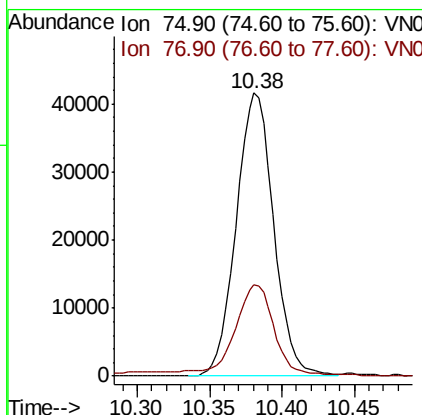
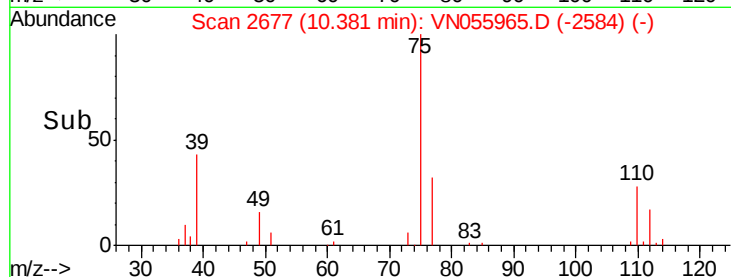
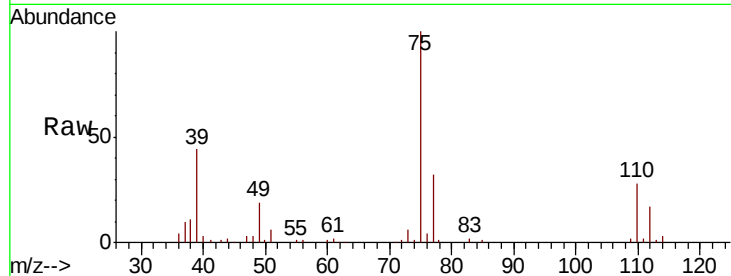




#53
t-1,3-Dichloropropene
Concen: 16.958 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

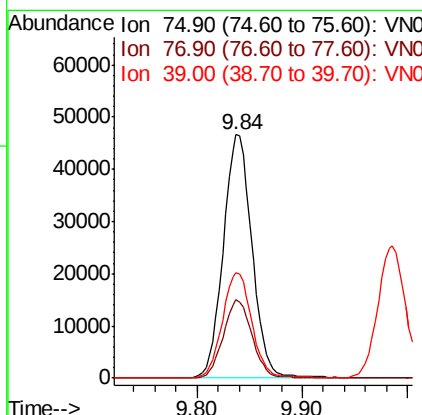
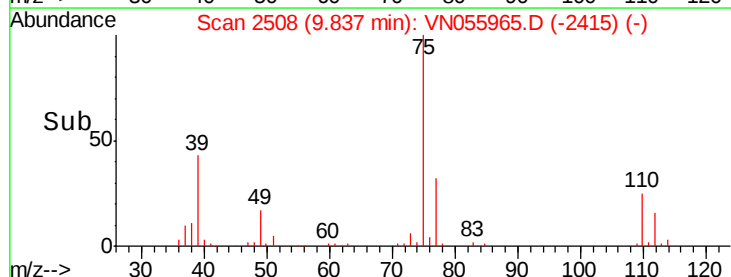
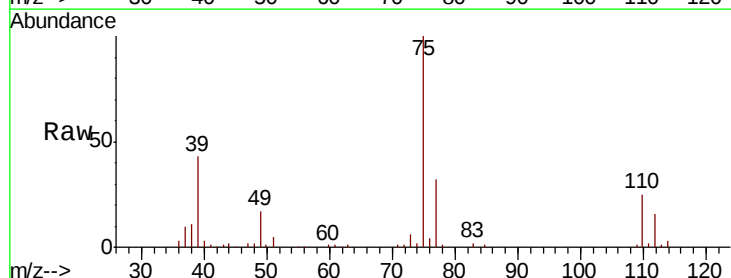
Instrument :
MSVOA_N
ClientSampleId :

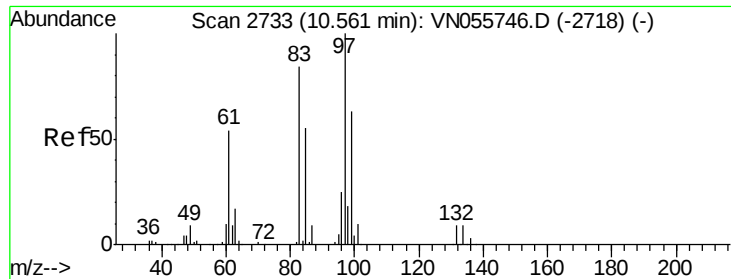
Tot Ion: 75 Resp: 74843
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 17.975 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 75 Resp: 87886
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 43.2 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 20.801 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 61847

Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	52.6	44.0	66.0
99	63.2	50.6	75.8

Abundance

Ion 96.90 (96.60 to 97.60): VNO

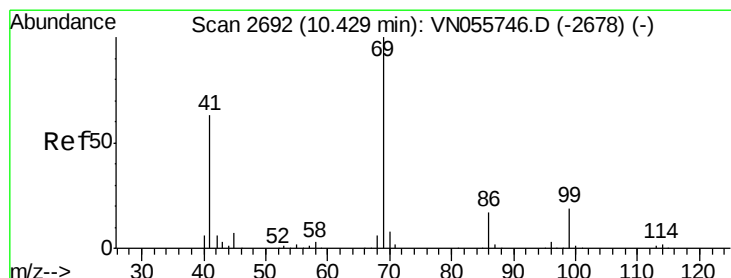
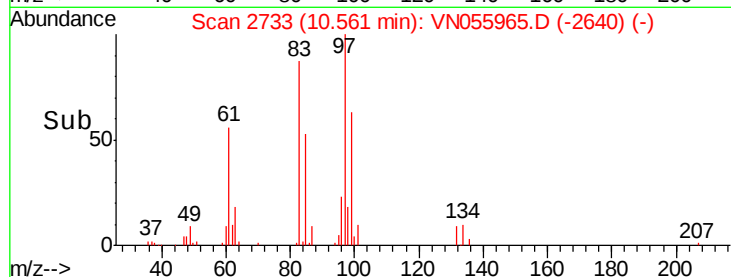
Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

10.56

Time-->



#56

Ethyl methacrylate

Concen: 19.831 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Tgt Ion: 69 Resp: 91128

Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.7	74.5
39	29.9	24.7	37.1

Abundance

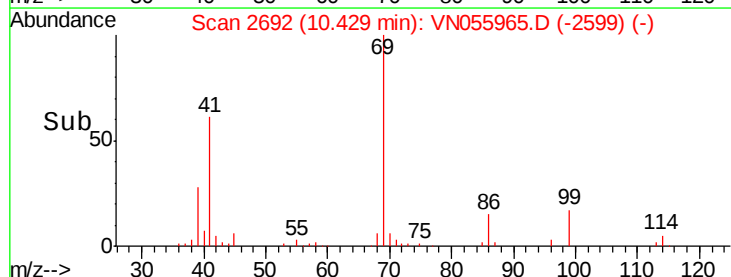
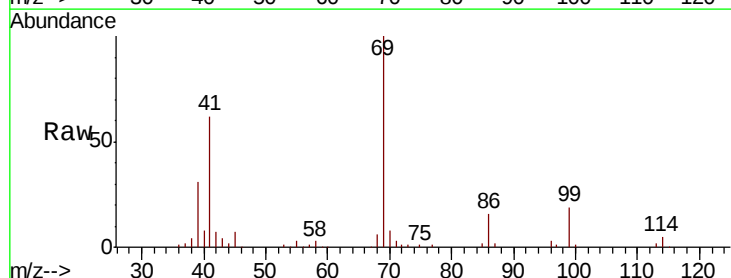
Ion 69.00 (68.70 to 69.70): VNO

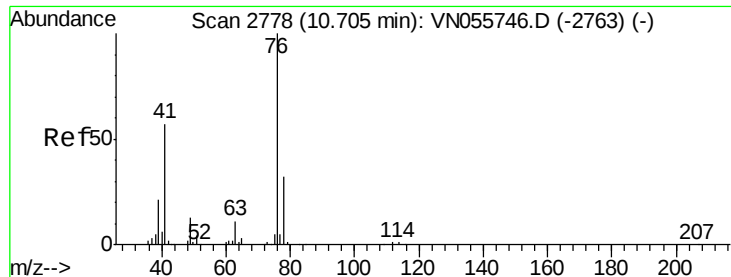
Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

10.43

Time-->

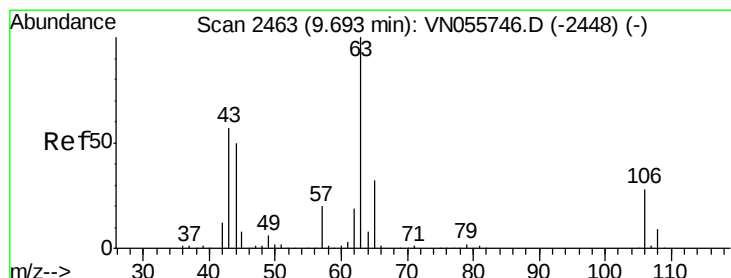
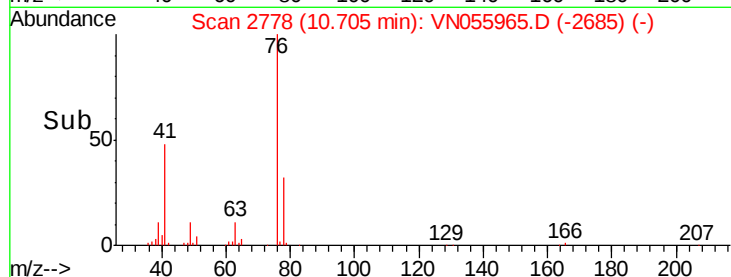
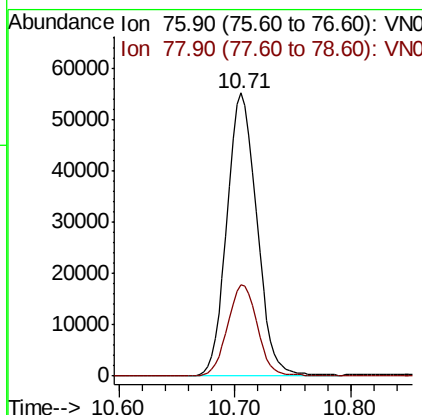
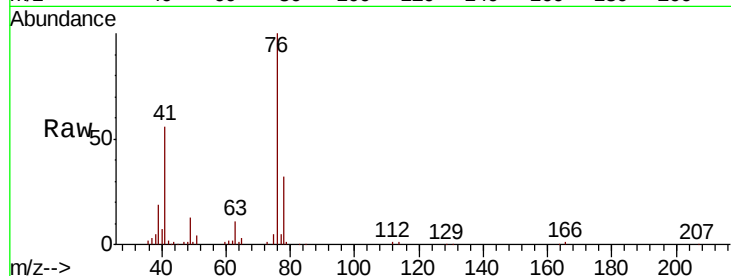




#57
 1,3-Dichloropropane
 Concen: 20.460 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

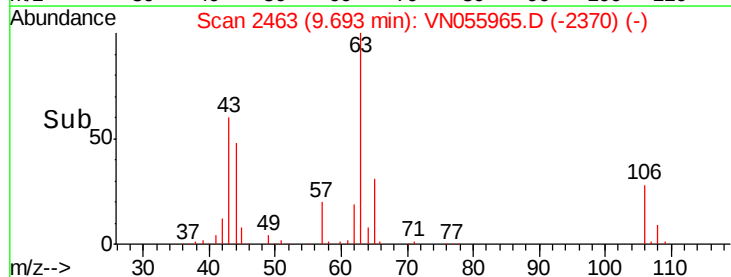
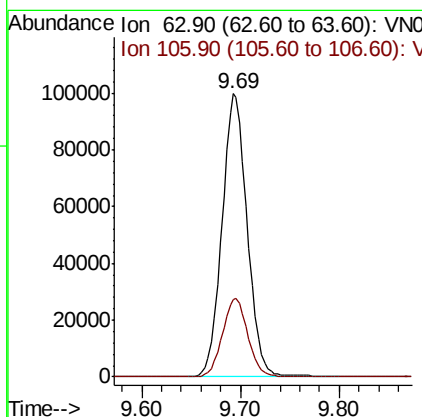
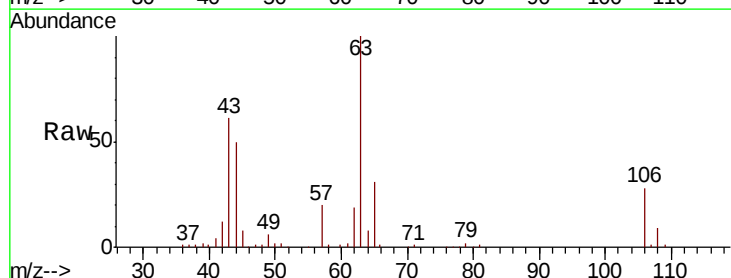
Instrument :
 MSVOA_N
 ClientSampled :

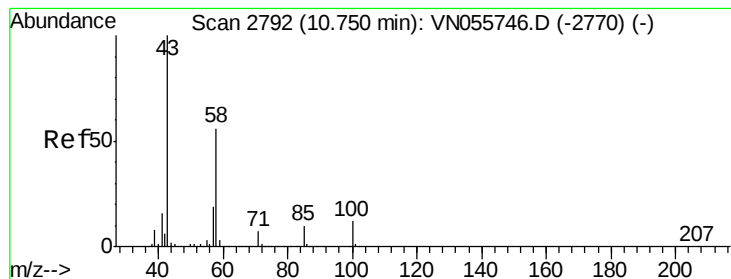
Tot Ion: 76 Resp: 98883
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.820 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Tgt Ion: 63 Resp: 178806
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1





#59

2-Hexanone

Concen: 104.561 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

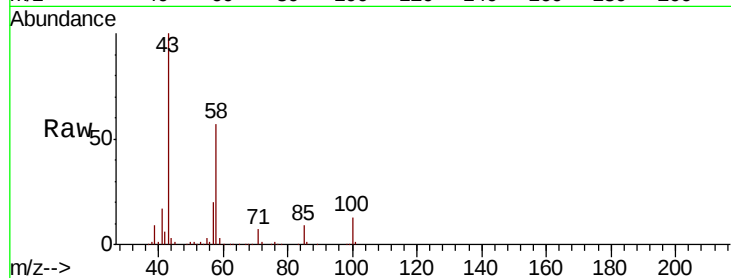
ClientSampled :

Tot Ion: 43 Resp: 278562

Ion Ratio Lower Upper

43 100

58 56.1 28.2 84.7



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-2770) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-2770) (-)

10.75

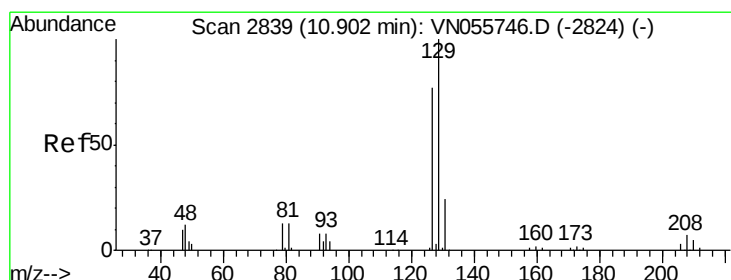
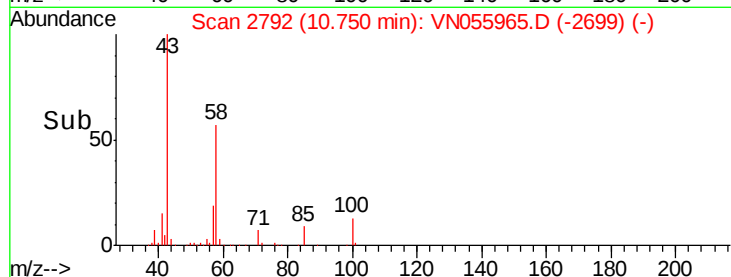
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 17.354 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN055965.D

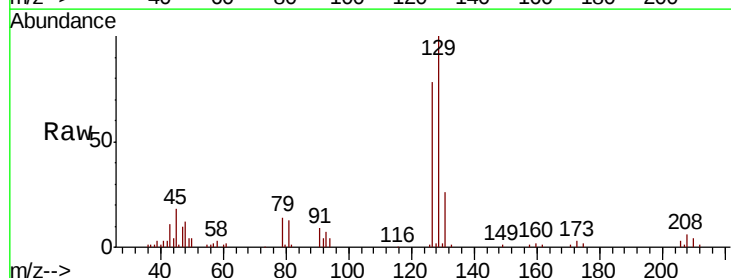
Acq: 3 Jun 2019 16:45

Tgt Ion: 129 Resp: 60109

Ion Ratio Lower Upper

129 100

127 76.6 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): VN055746.D (-2824) (-)

Ion 126.80 (126.50 to 127.50): VN055746.D (-2824) (-)

10.90

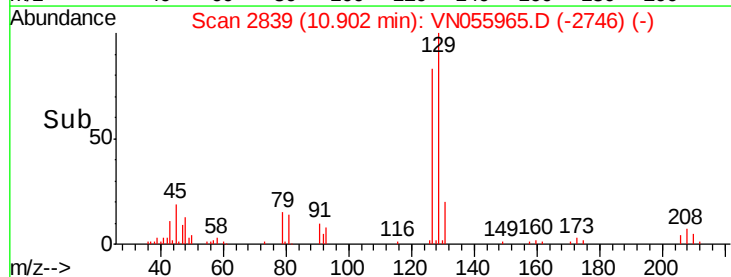
30000

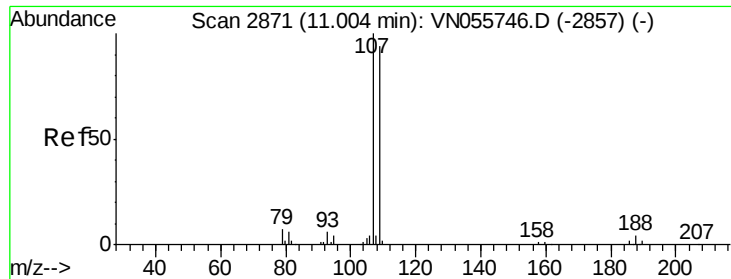
20000

10000

0

Time-->

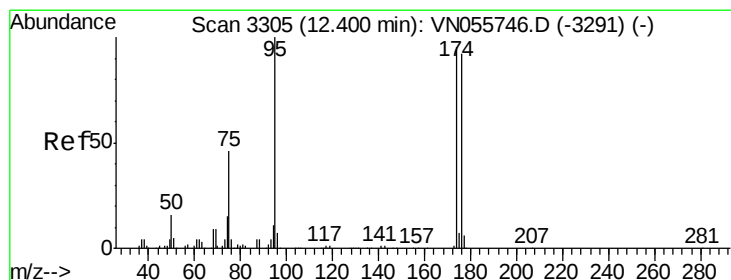
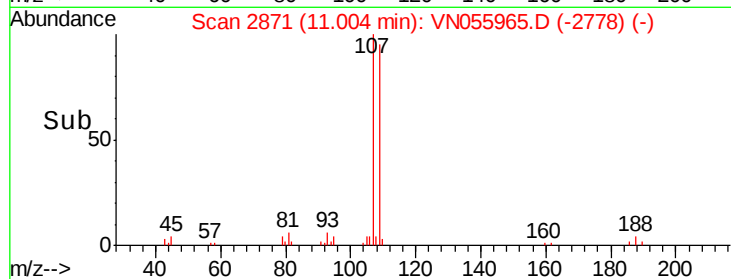
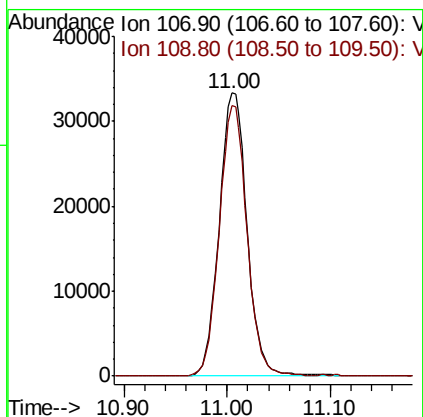
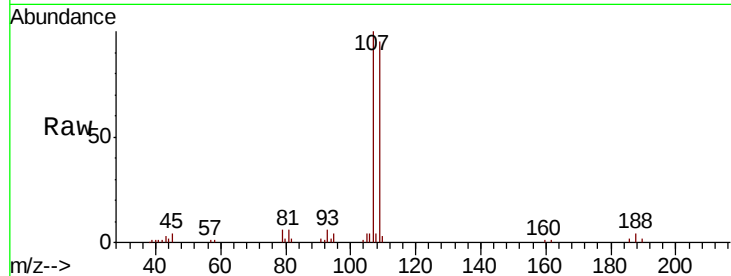




#61
 1,2-Dibromoethane
 Concen: 20.306 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

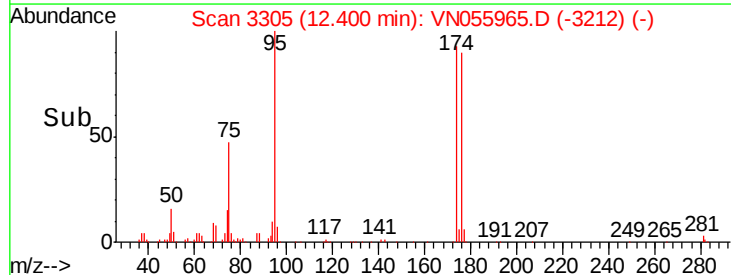
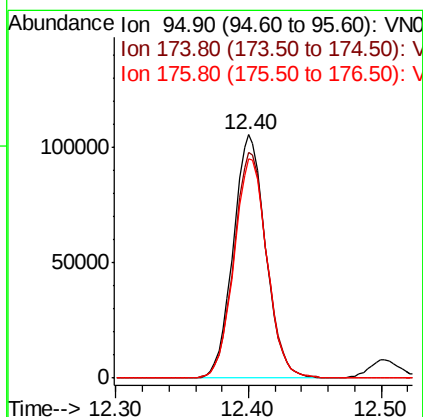
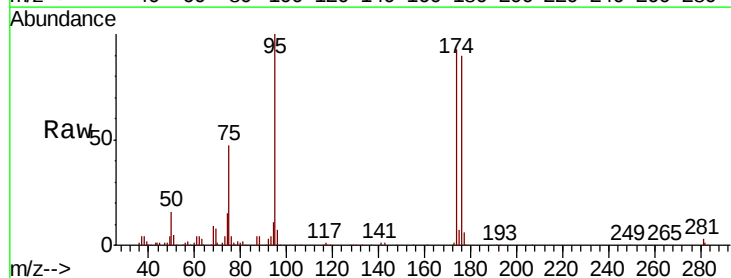
Instrument :
 MSVOA_N
 ClientSampleId :

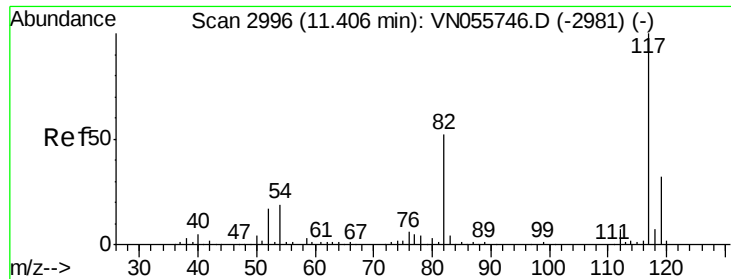
Tot Ion:107 Resp: 62624
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.009 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Tgt Ion: 95 Resp: 179382
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 191.0
 176 91.9 0.0 185.2

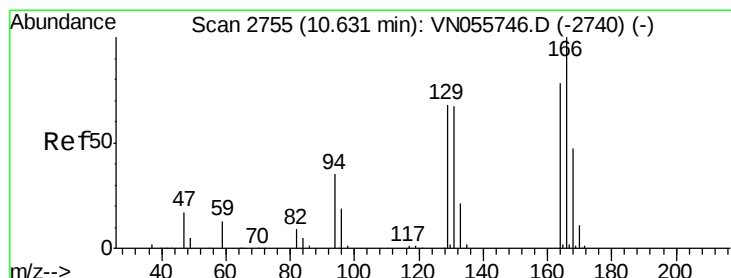
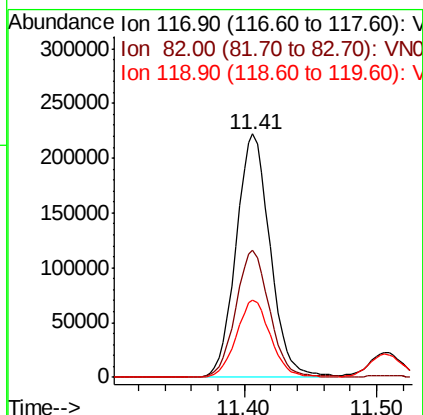
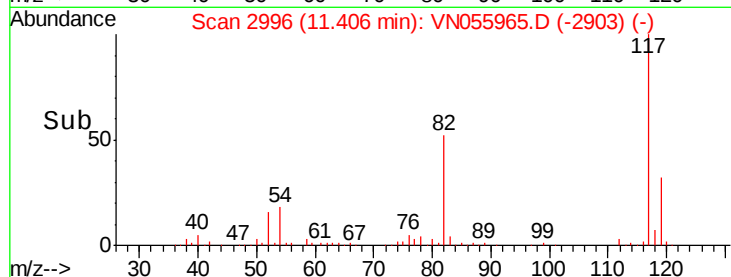
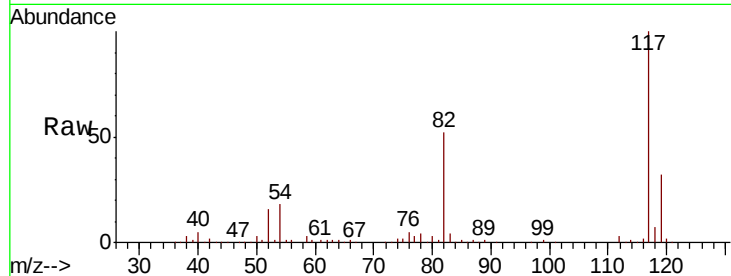




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

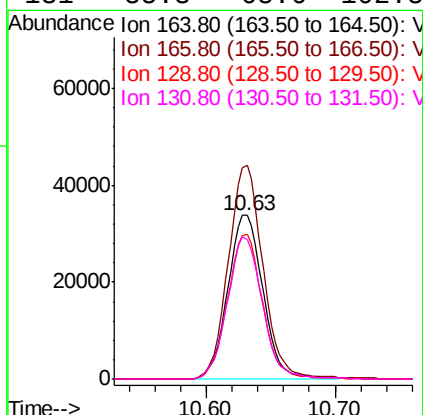
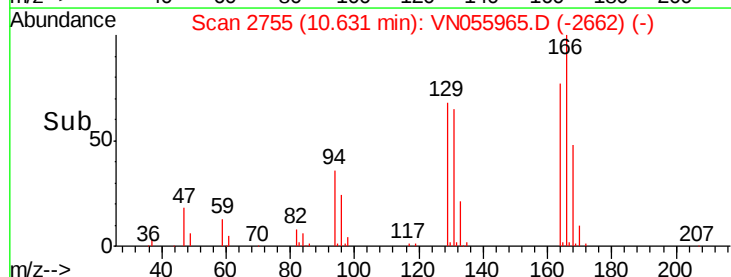
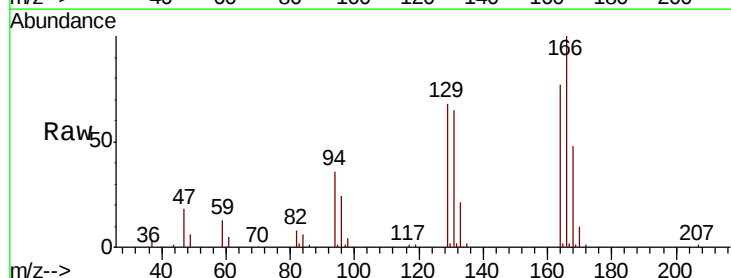
Instrument :
MSVOA_N
ClientSampleId :

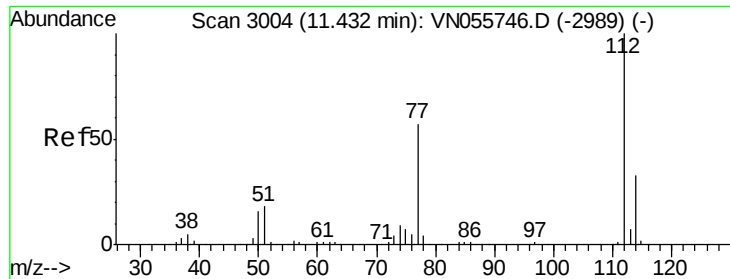
Tot Ion:117 Resp: 396039
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 19.135 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion:164 Resp: 63915
Ion Ratio Lower Upper
164 100
166 130.5 103.0 154.6
129 88.5 70.6 105.8
131 85.3 68.6 102.8

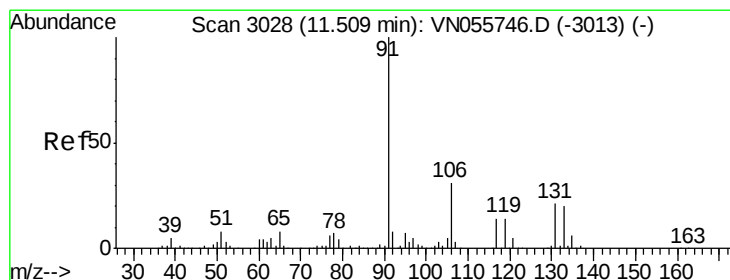
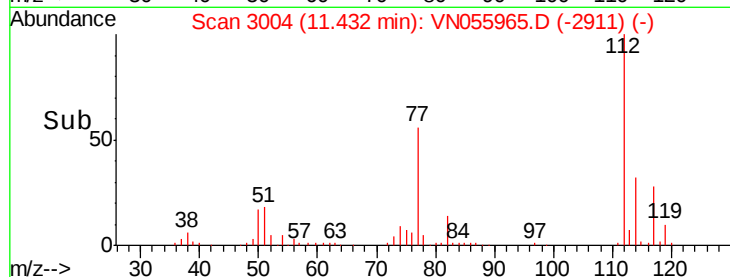
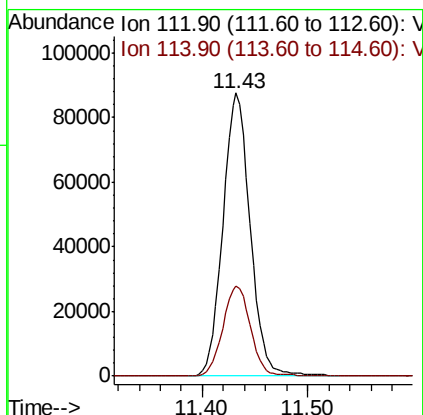
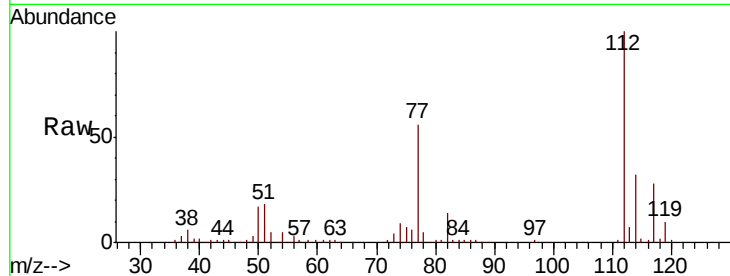




#65
Chlorobenzene
Concen: 19.744 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

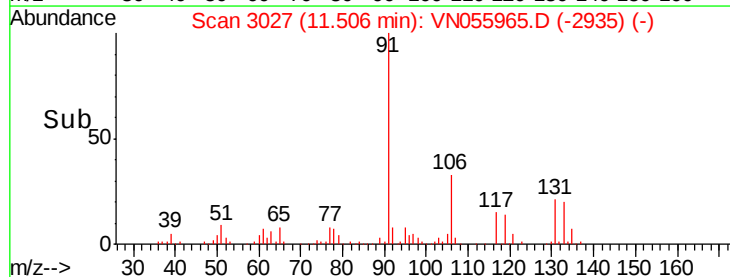
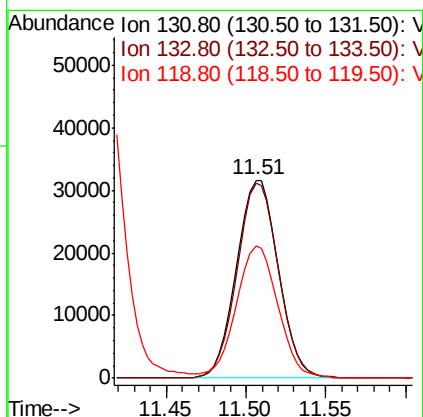
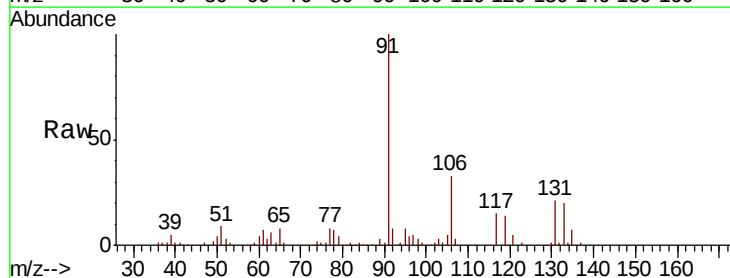
Instrument :
MSVOA_N
ClientSampleId :

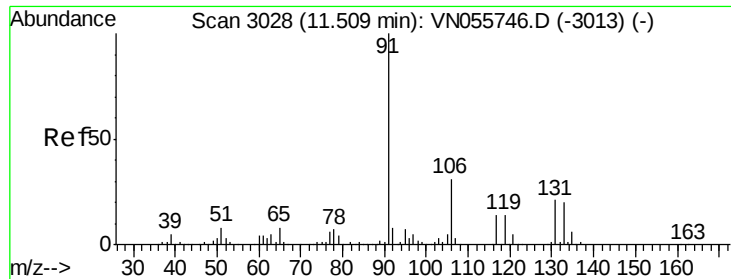
Tot Ion:112 Resp: 156534
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.823 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion:131 Resp: 56358
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 67.0 33.1 99.5

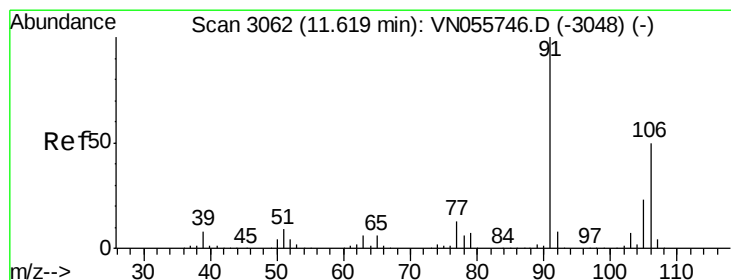
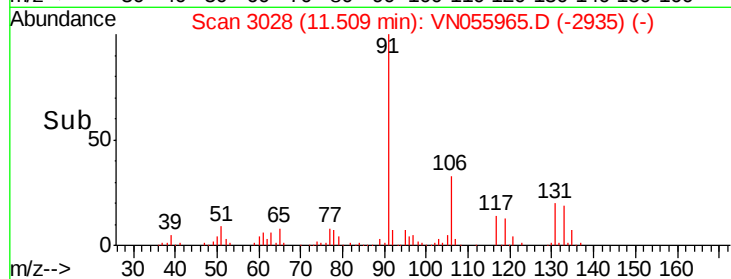
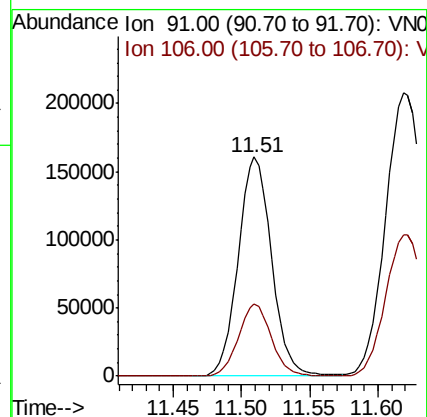
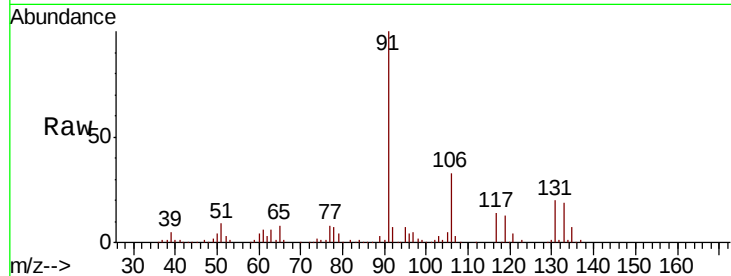




#67
Ethyl Benzene
Concen: 19.251 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

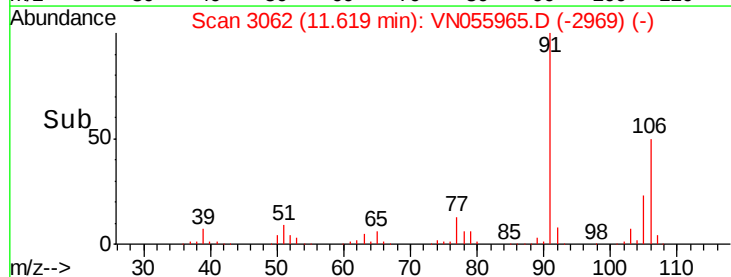
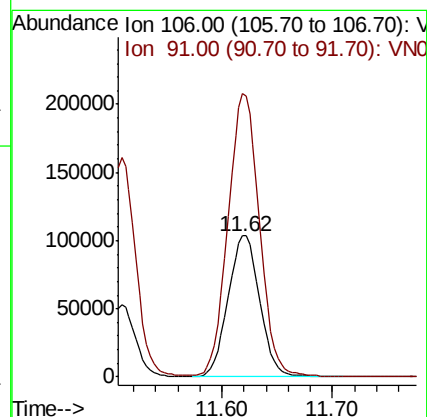
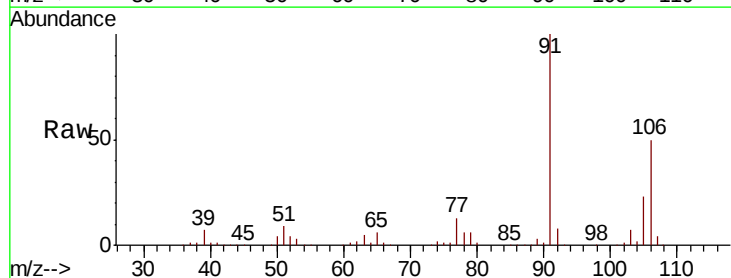
Instrument :
MSVOA_N
ClientSampled :

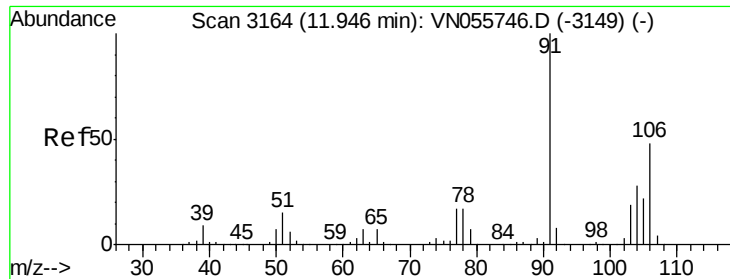
Tot Ion: 91 Resp: 273703
Ion Ratio Lower Upper
91 100
106 33.0 25.1 37.7



#68
m/p-Xylenes
Concen: 38.465 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 106 Resp: 206749
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9

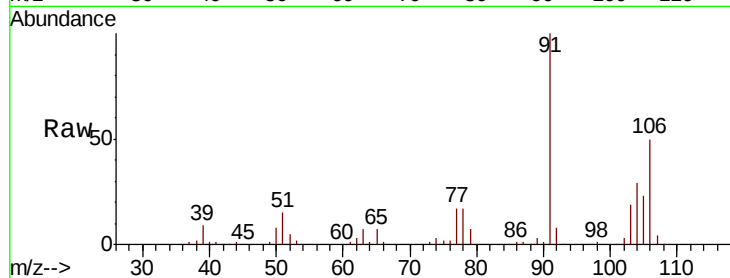




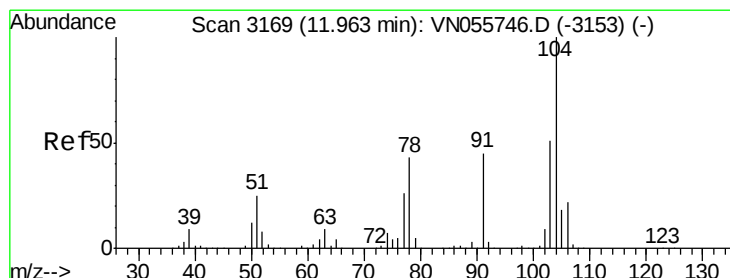
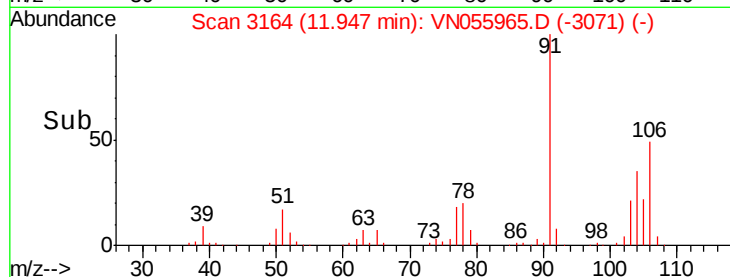
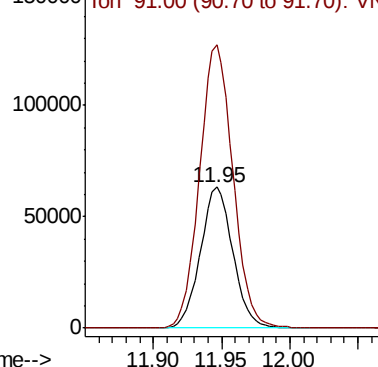
#69
o-Xylene
Concen: 19.694 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 105021
Ion Ratio Lower Upper
106 100
91 206.3 104.7 314.1

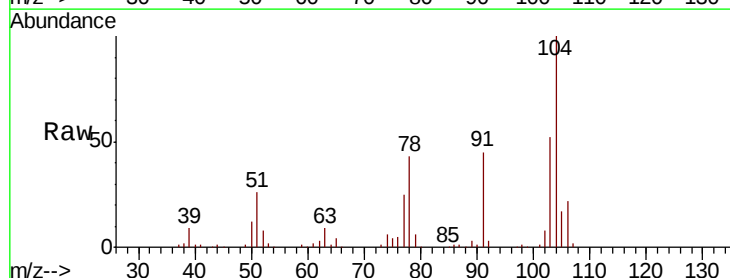


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

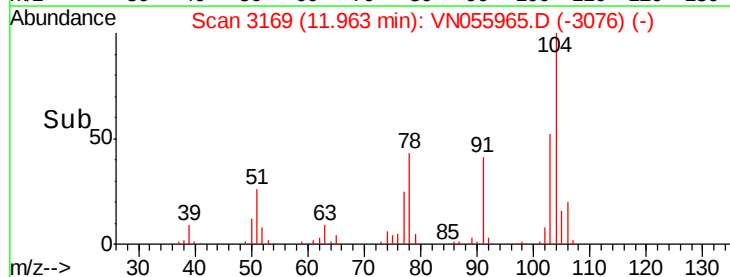
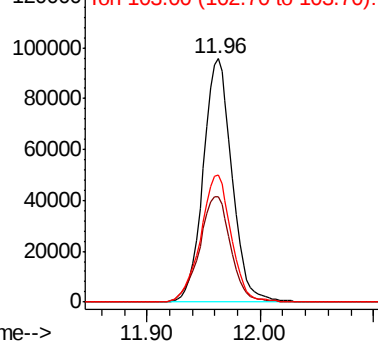


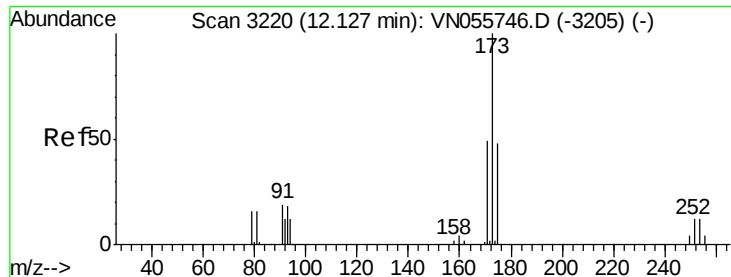
#70
Styrene
Concen: 19.593 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion:104 Resp: 169199
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.6
103 55.5 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

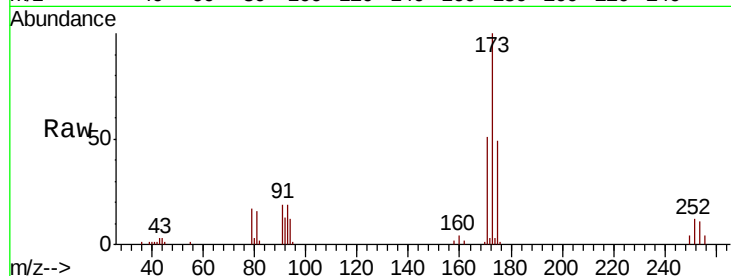




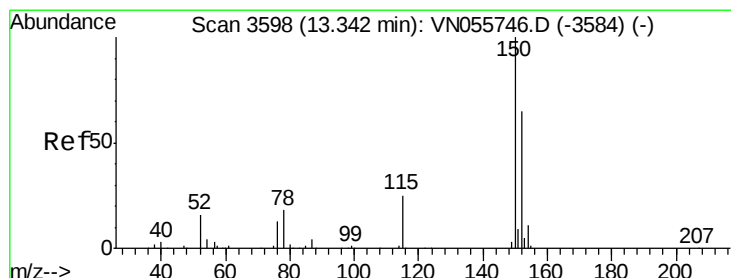
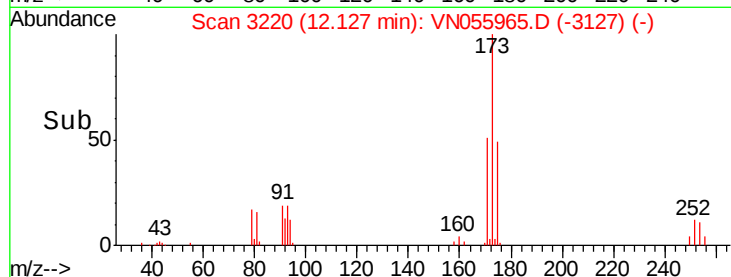
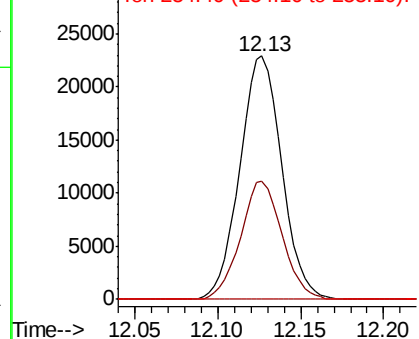
#71
Bromoform
Concen: 14.888 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 40155
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.0 0.0

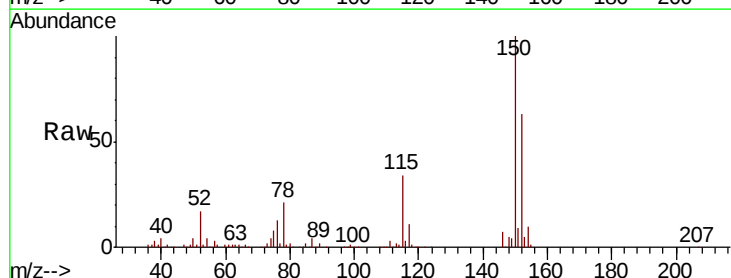


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

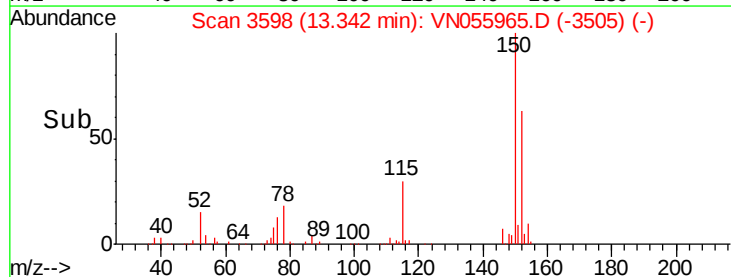
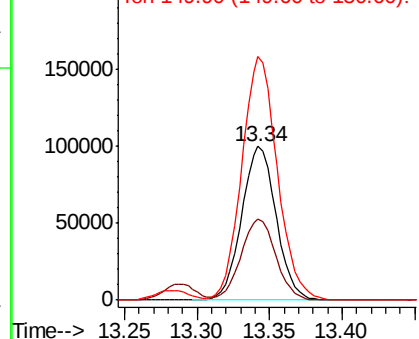


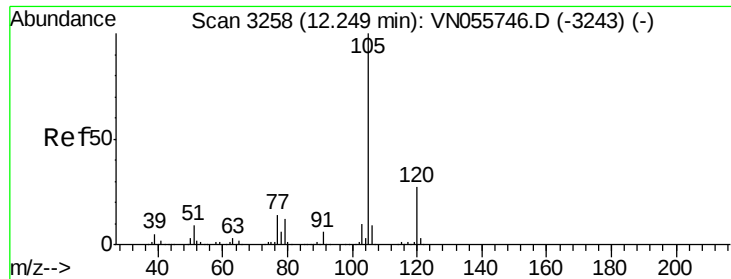
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion:152 Resp: 164691
Ion Ratio Lower Upper
152 100
115 53.7 27.0 81.0
150 163.7 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: 21.704 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

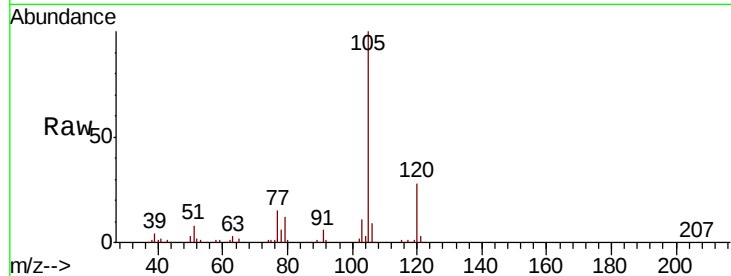
ClientSampleId :

Tot Ion:105 Resp: 271947

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

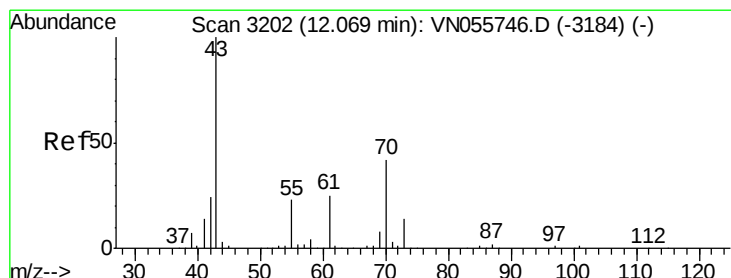
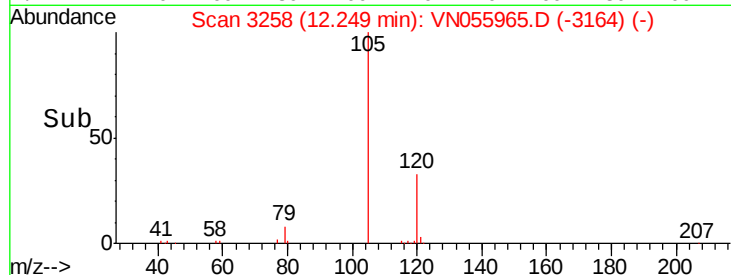
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.233 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Tgt Ion: 43 Resp: 100537

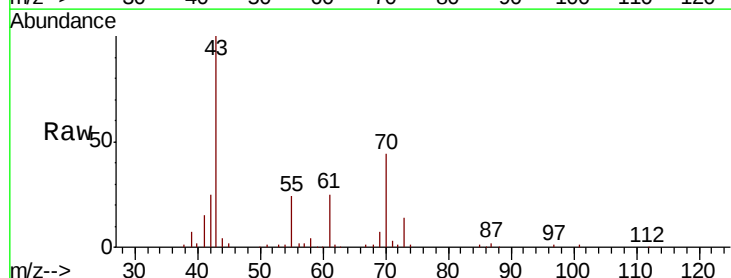
Ion Ratio Lower Upper

43 100

70 43.8 34.0 51.0

55 25.5 18.6 28.0

61 25.3 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

100000

80000

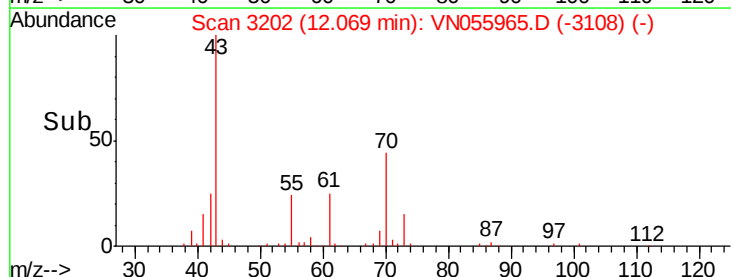
60000

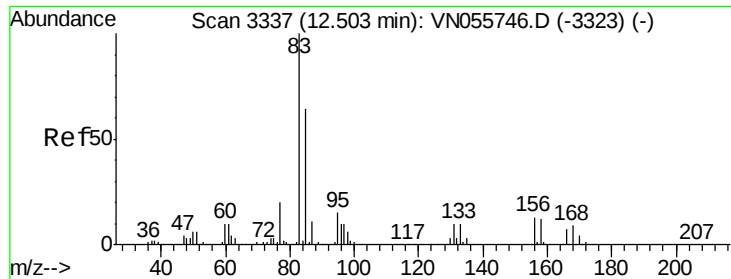
40000

20000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 23.223 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

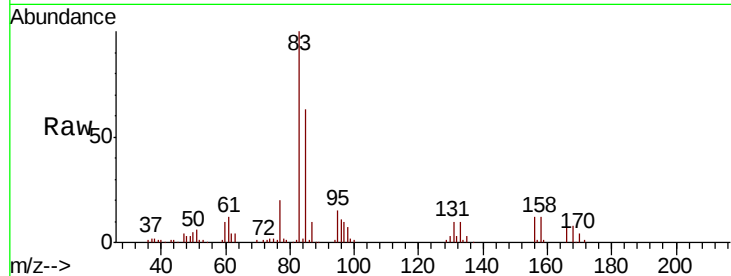
Tot Ion: 83 Resp: 86729

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.4	16.2
85	64.5	32.4	97.0

83 100

131 11.0 5.4 16.2

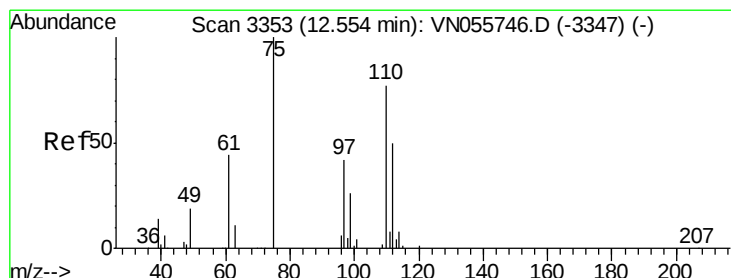
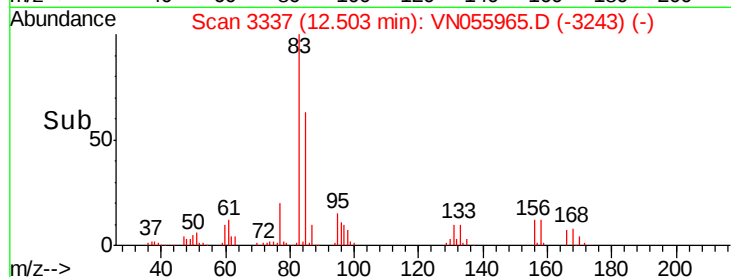
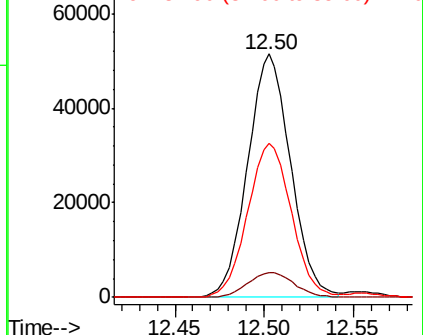
85 64.5 32.4 97.0



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: 33.589 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055965.D

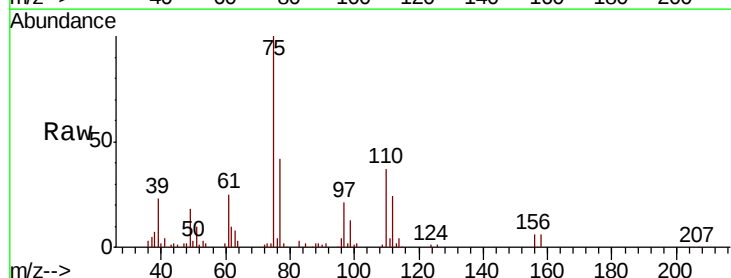
Acq: 3 Jun 2019 16:45

Tgt Ion: 75 Resp: 98182

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

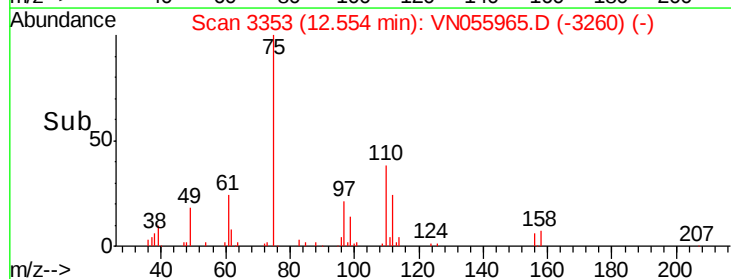
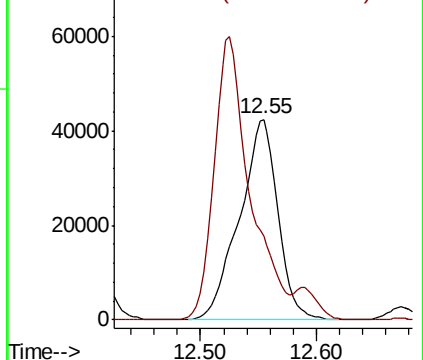
75 100

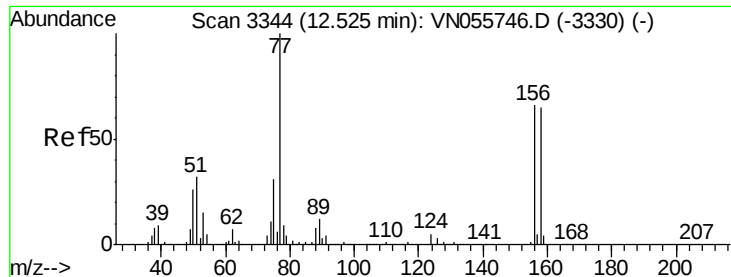
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.550 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

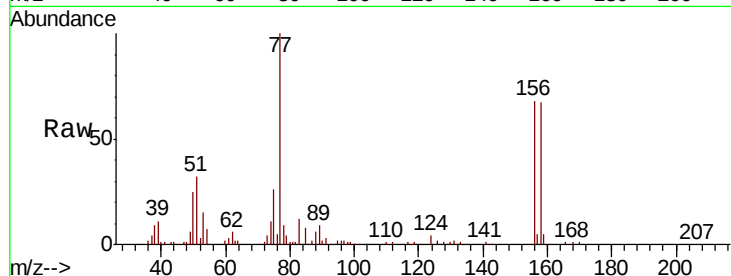
Tot Ion:156 Resp: 72219

Ion Ratio Lower Upper

156 100

77 179.3 90.8 272.5

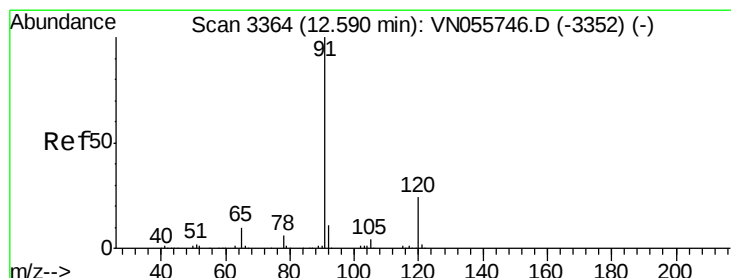
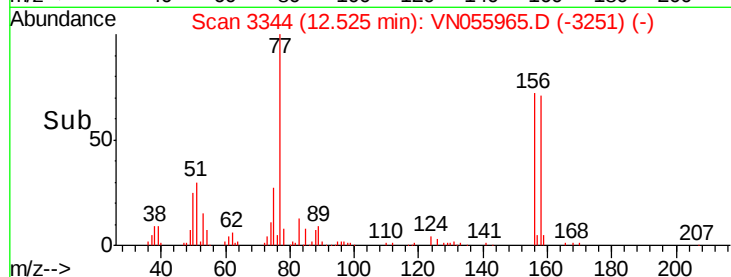
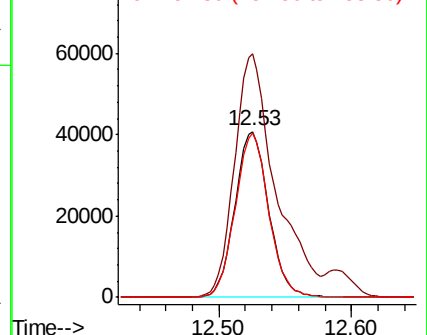
158 97.8 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.777 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055965.D

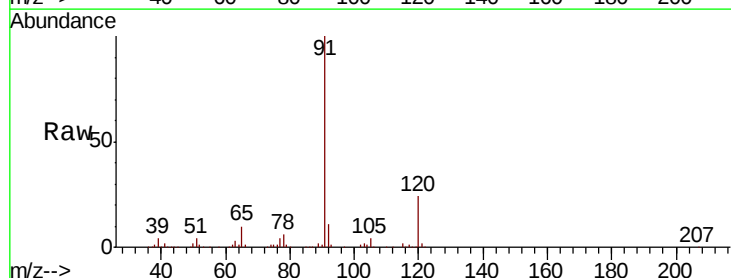
Acq: 3 Jun 2019 16:45

Tgt Ion: 91 Resp: 283081

Ion Ratio Lower Upper

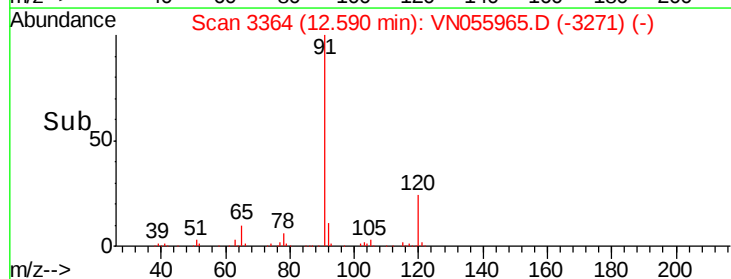
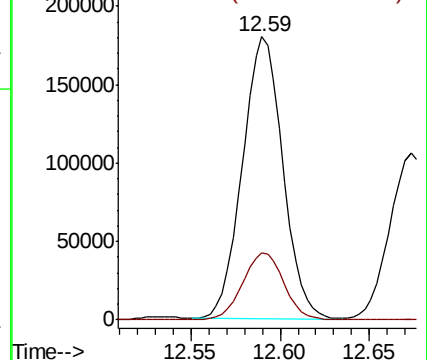
91 100

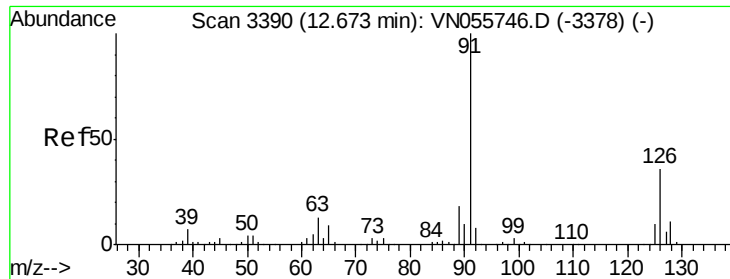
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

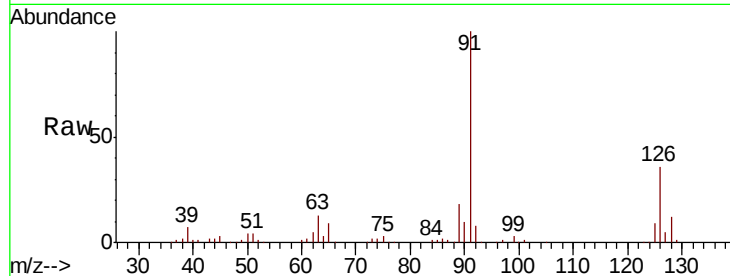




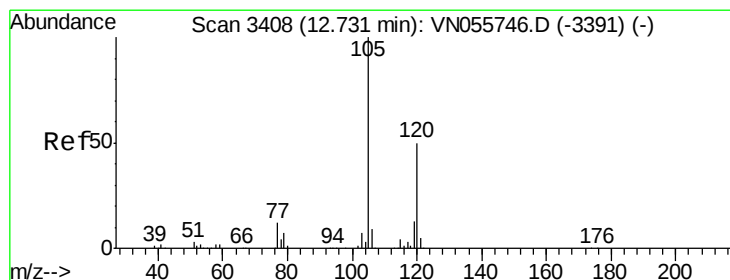
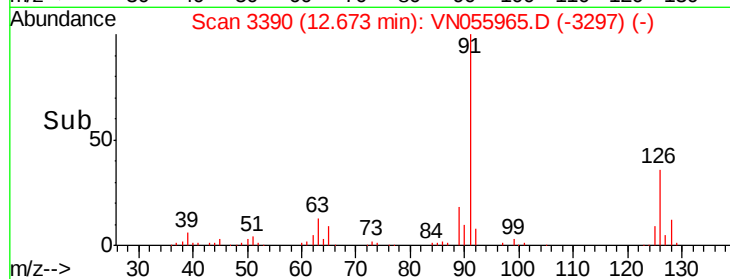
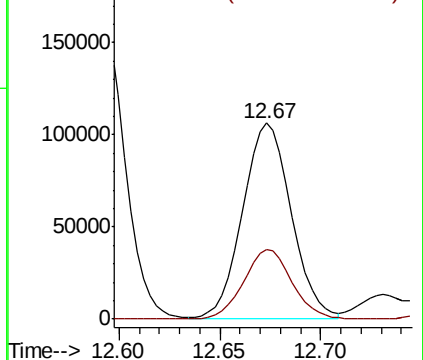
#79
 2-Chlorotoluene
 Concen: 21.662 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 178156
 Ion Ratio Lower Upper
 91 100
 126 35.8 18.1 54.4

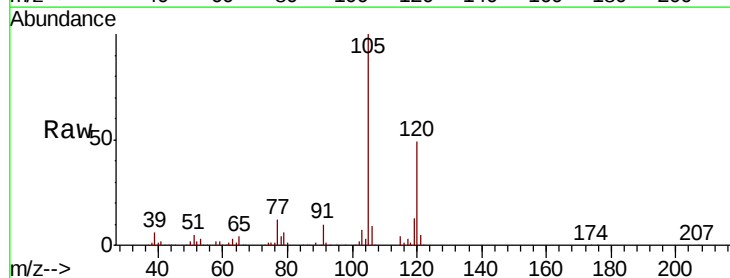


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)

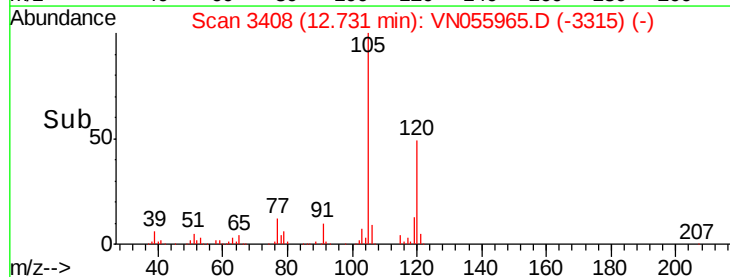
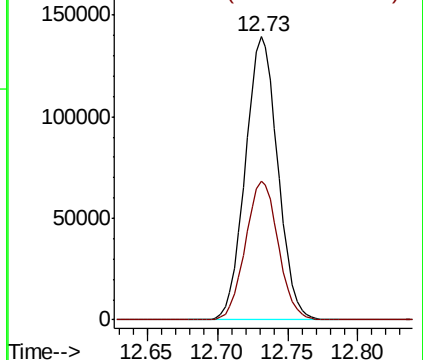


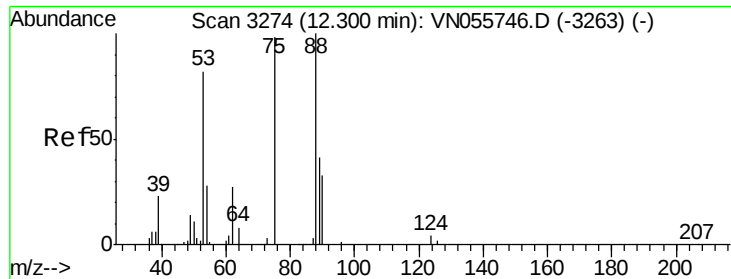
#80
 1,3,5-Trimethylbenzene
 Concen: 21.331 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Tgt Ion: 105 Resp: 224820
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.485 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

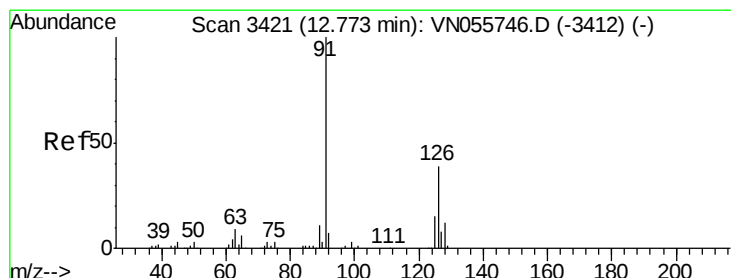
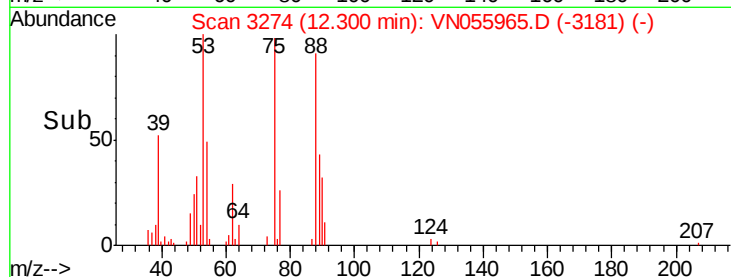
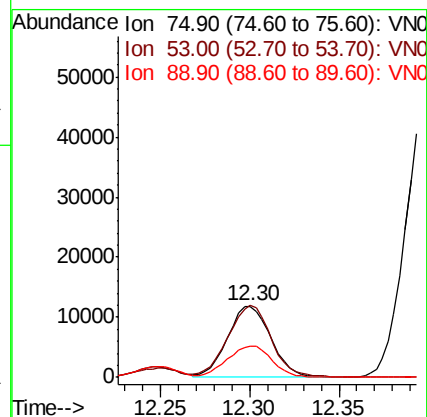
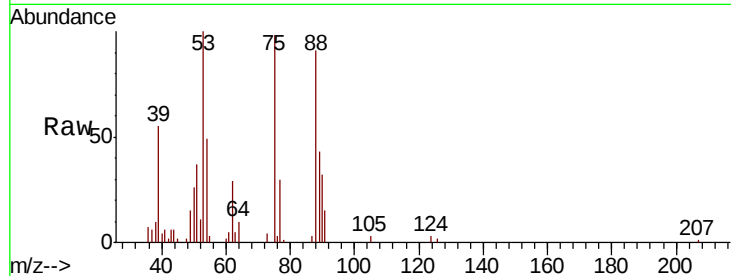
Tot Ion: 75 Resp: 20178

Ion Ratio Lower Upper

75 100

53 100.6 68.1 102.1

89 44.5 36.9 55.3



#82

4-Chlorotoluene

Concen: 19.992 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055965.D

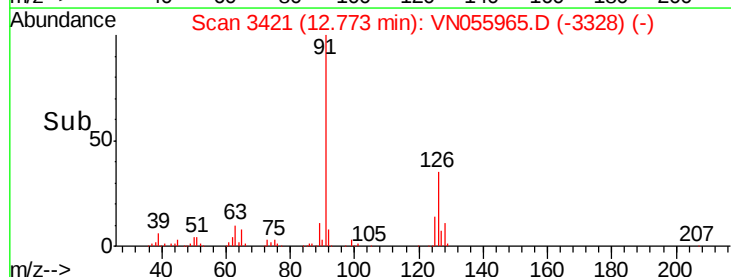
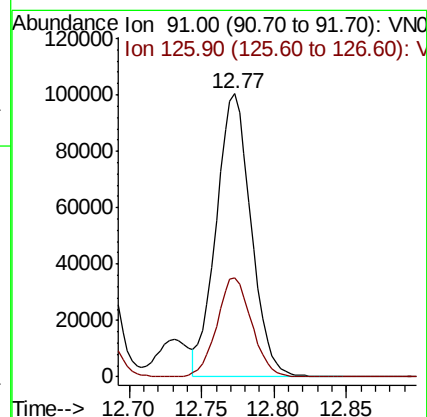
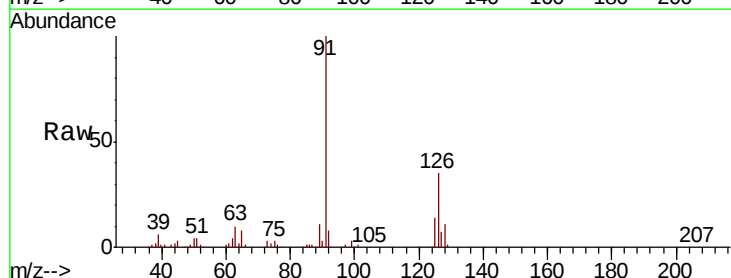
Acq: 3 Jun 2019 16:45

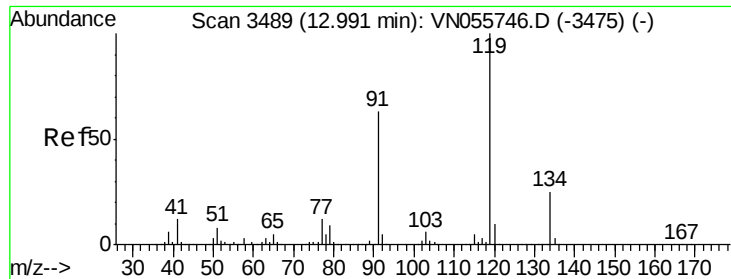
Tgt Ion: 91 Resp: 168210

Ion Ratio Lower Upper

91 100

126 35.0 17.8 53.3

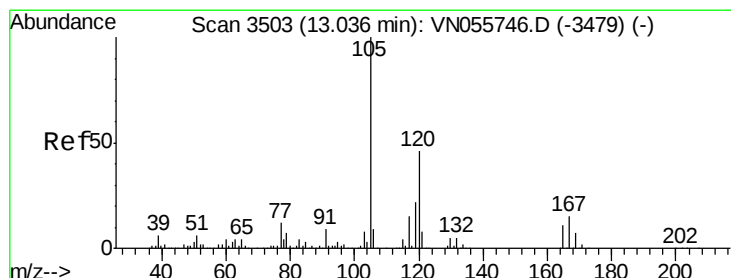
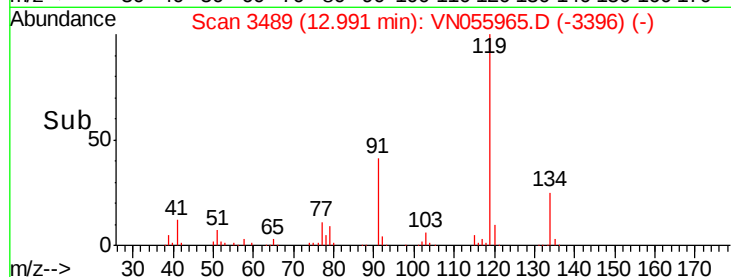
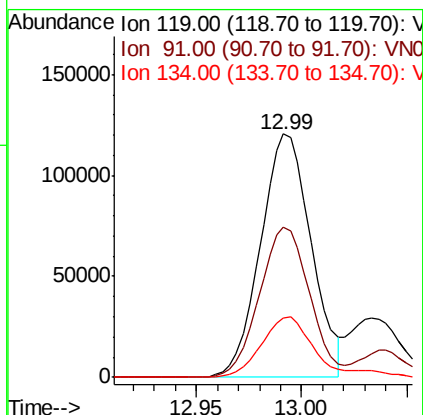
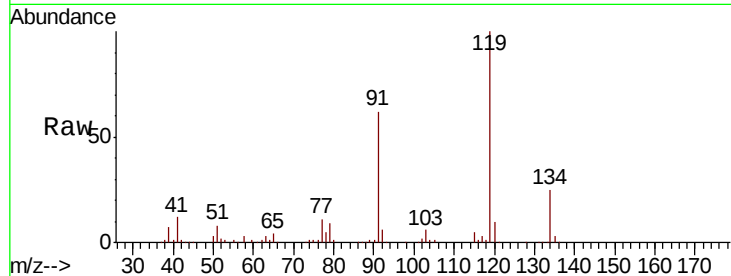




#83
tert-Butylbenzene
Concen: 21.938 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

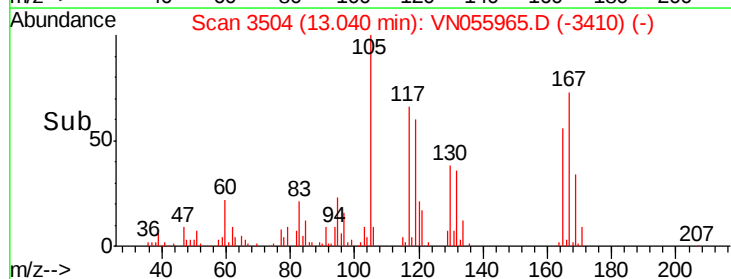
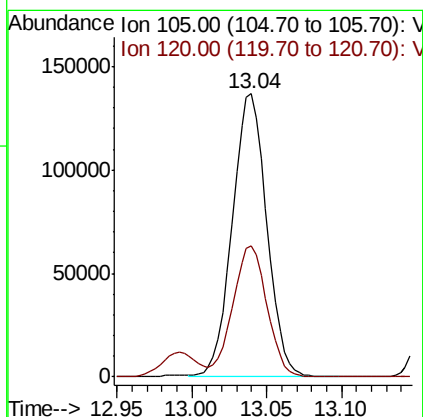
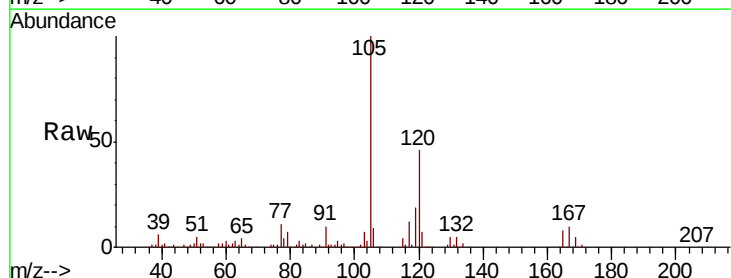
Instrument :
MSVOA_N
ClientSampleId :

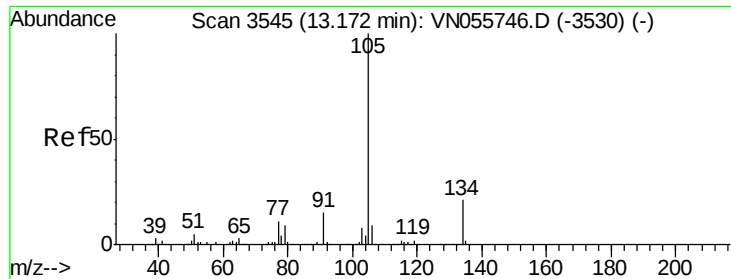
Tot Ion:119 Resp: 201473
Ion Ratio Lower Upper
119 100
91 61.3 30.9 92.8
134 27.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.943 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion:105 Resp: 219576
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.667 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

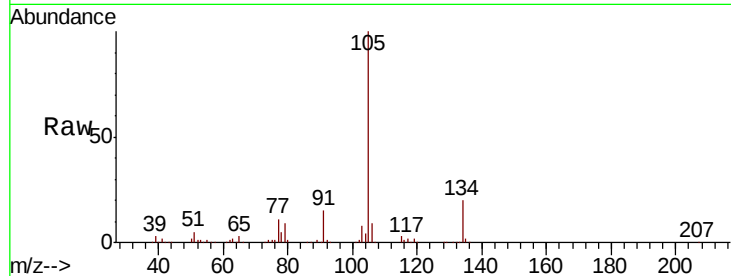
ClientSampleId :

Tot Ion:105 Resp: 255050

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

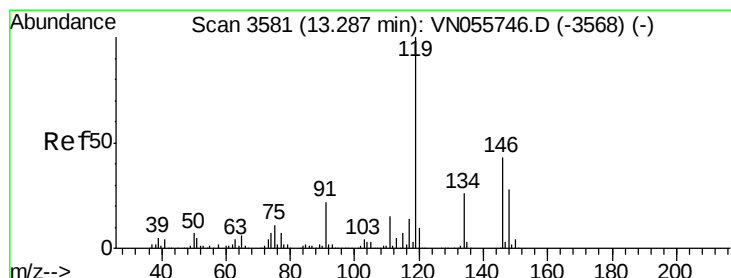
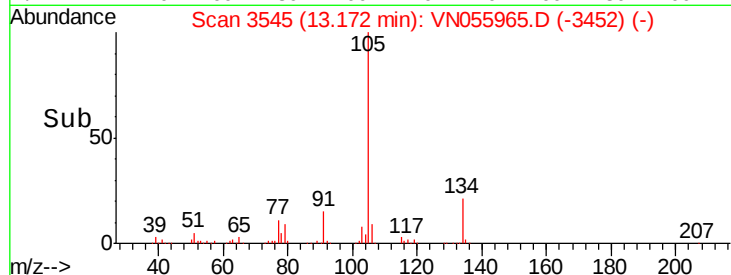
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.933 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

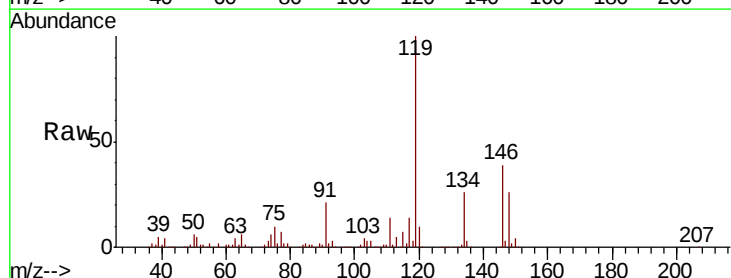
Tgt Ion:119 Resp: 227972

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 21.2 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

200000

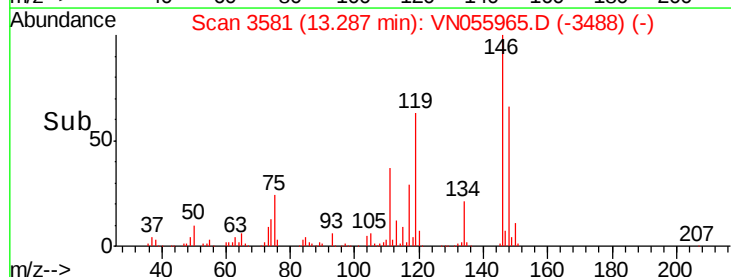
150000

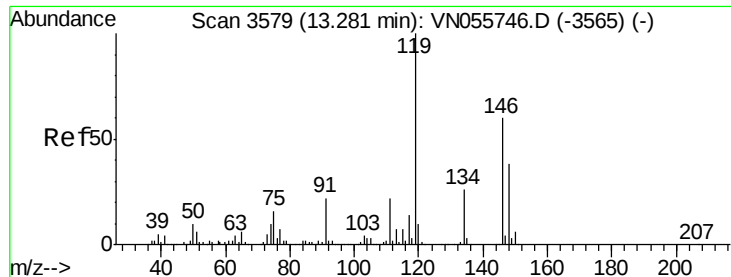
100000

50000

0

Time-->

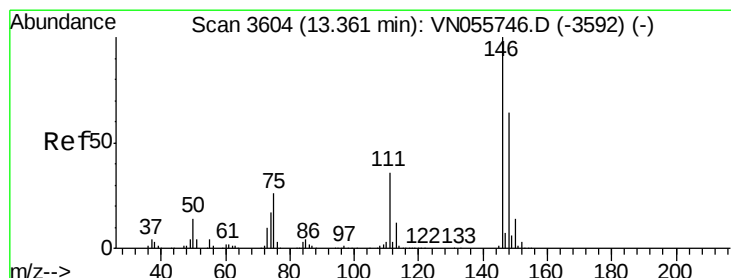
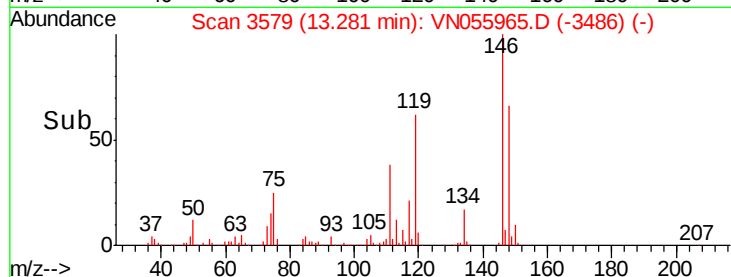
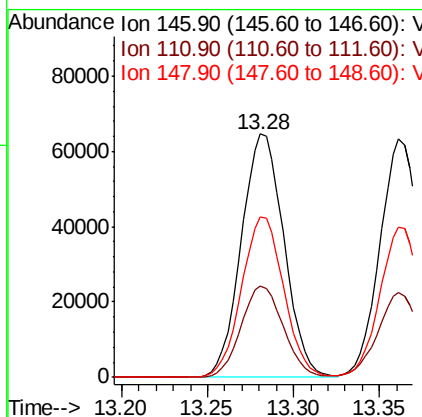
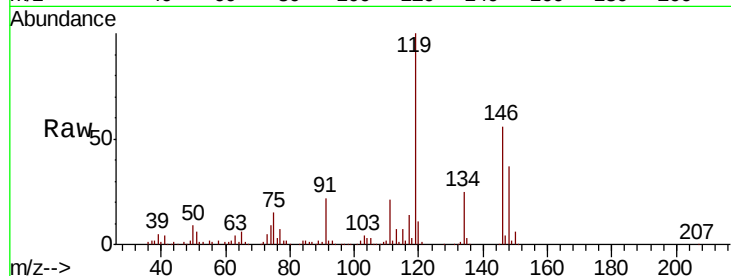




#87
 1,3-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

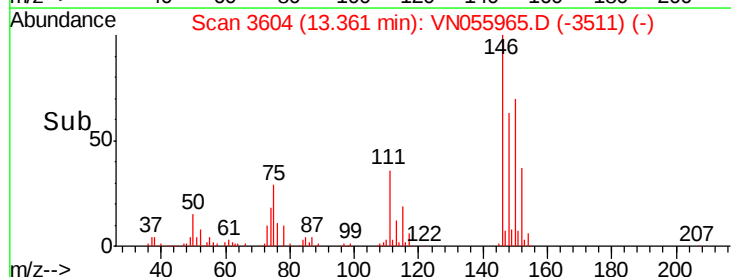
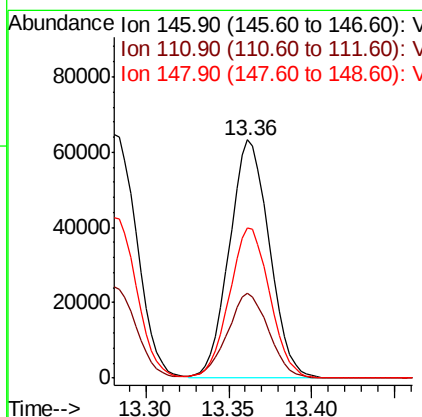
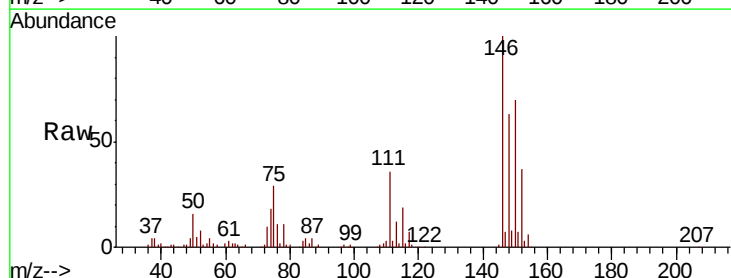
Instrument :
 MSVOA_N
 ClientSampleId :

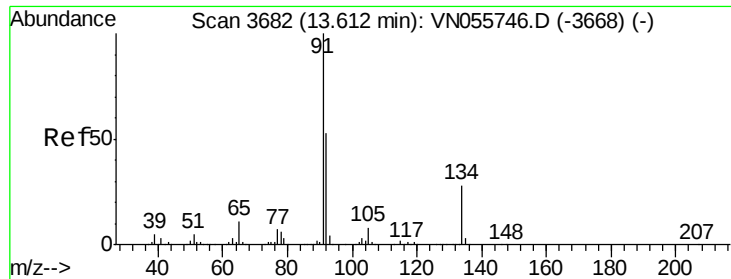
Tot Ion:146 Resp: 111418
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.5 55.5
 148 65.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.099 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Tgt Ion:146 Resp: 106339
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.4
 148 63.8 32.1 96.5

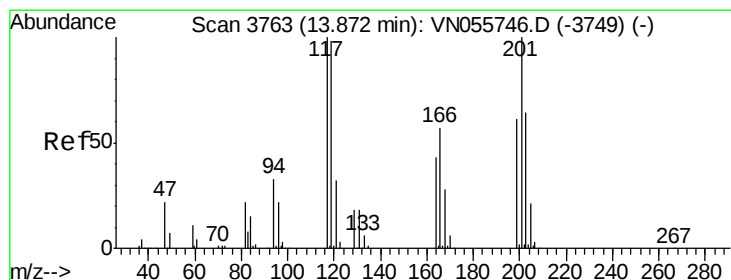
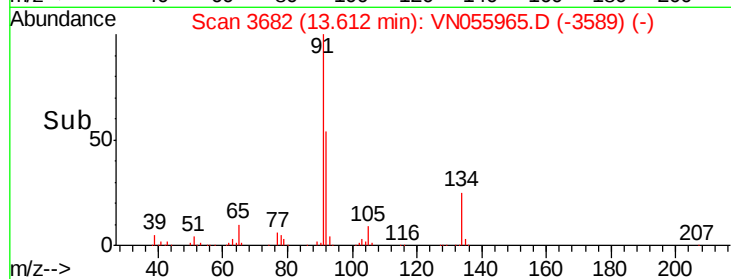
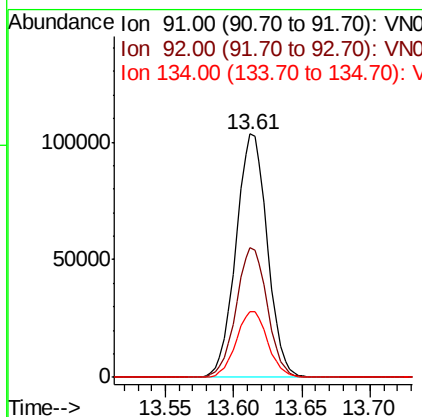
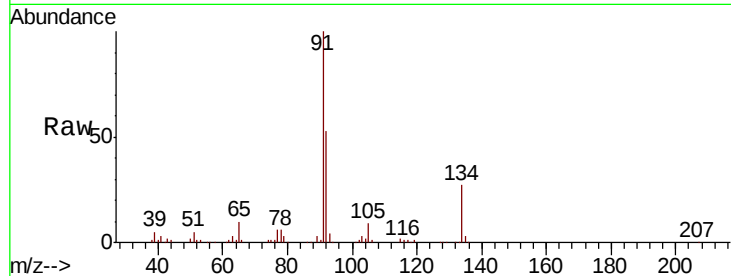




#89
n-Butylbenzene
Concen: 18.855 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

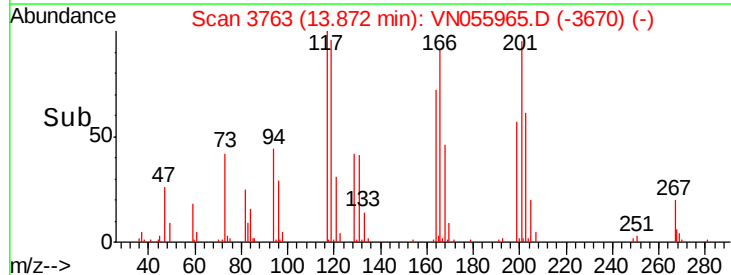
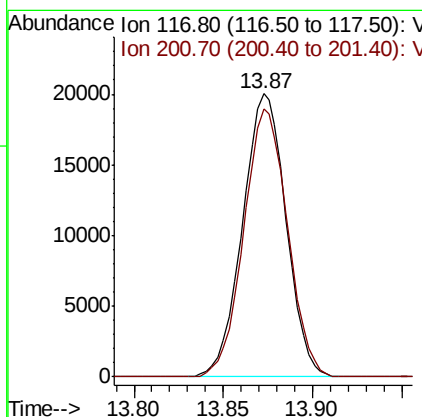
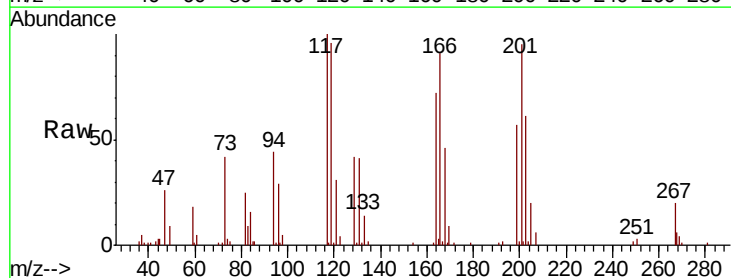
Instrument :
MSVOA_N
ClientSampled :

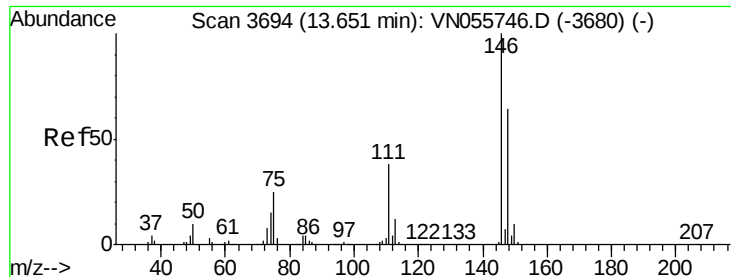
Tot Ion: 91 Resp: 165227
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 27.0 13.9 41.7



#90
Hexachloroethane
Concen: 15.681 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055965.D
Acq: 3 Jun 2019 16:45

Tgt Ion: 117 Resp: 34137
Ion Ratio Lower Upper
117 100
201 95.2 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 20.570 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

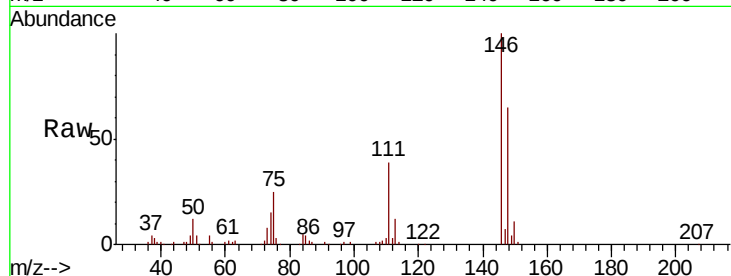
Tot Ion:146 Resp: 114204

Ion Ratio Lower Upper

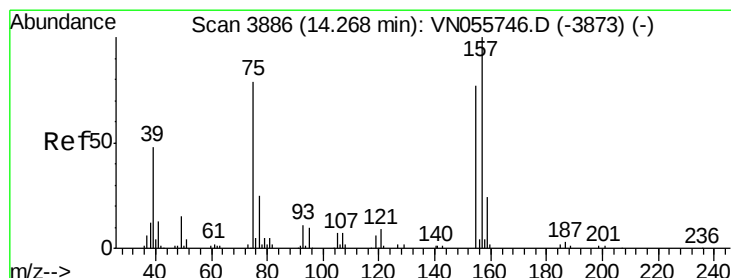
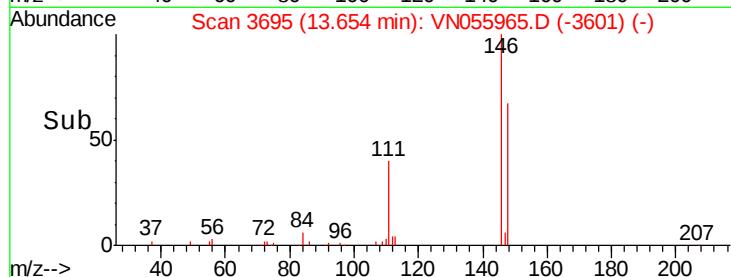
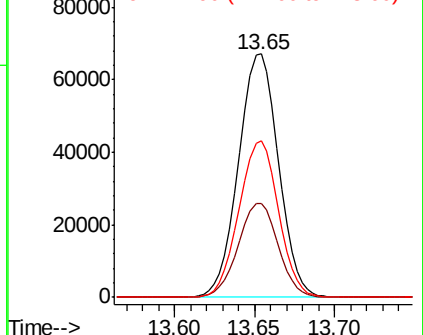
146 100

111 38.7 19.1 57.5

148 63.8 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: 18.332 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

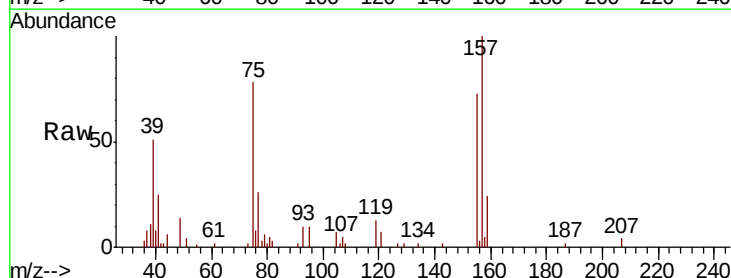
Tgt Ion: 75 Resp: 13377

Ion Ratio Lower Upper

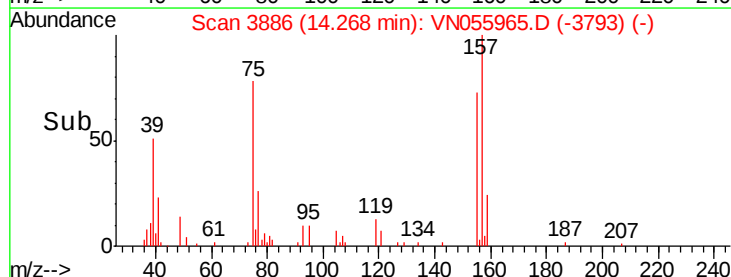
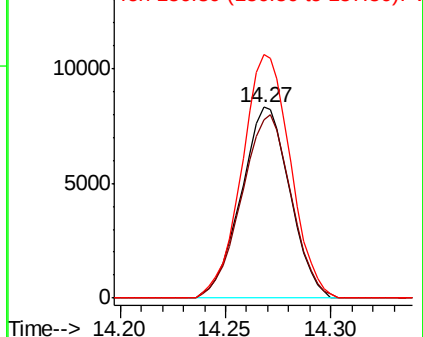
75 100

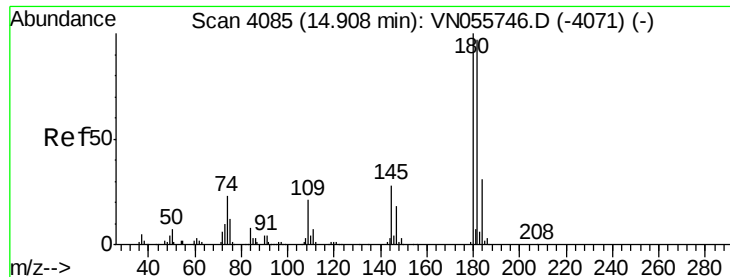
155 97.6 50.0 150.1

157 126.8 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

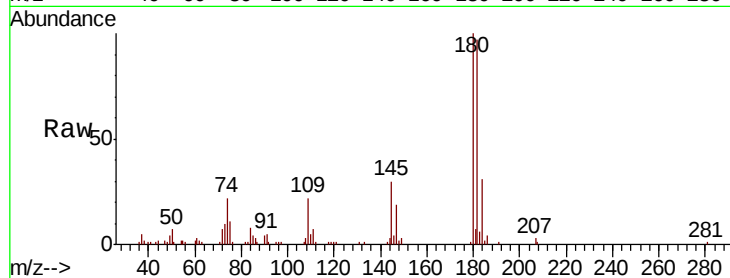




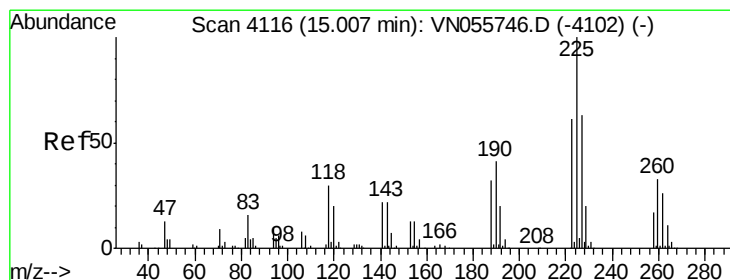
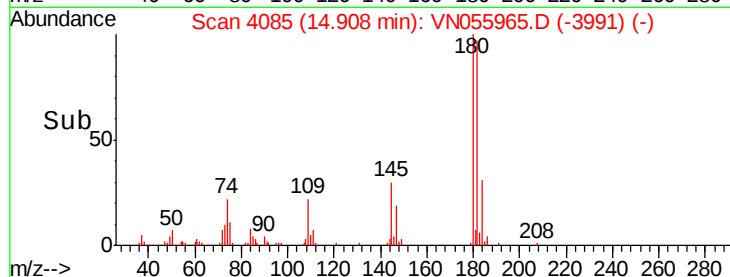
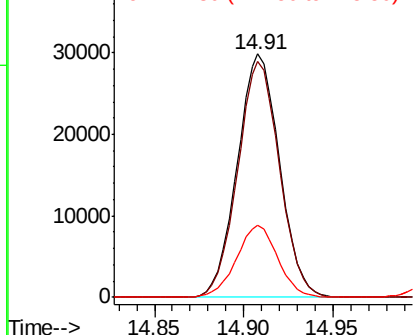
#93
 1,2,4-Trichlorobenzene
 Concen: 17.866 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 49017
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.3 144.9
 145 29.0 14.0 41.9

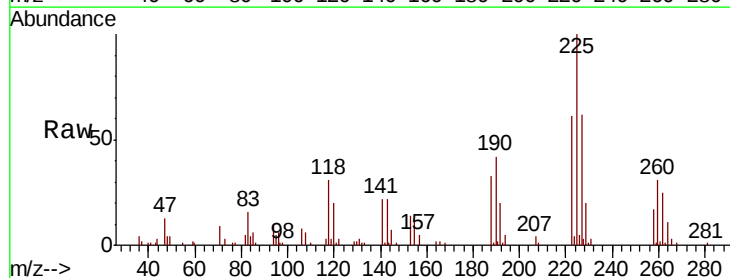


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

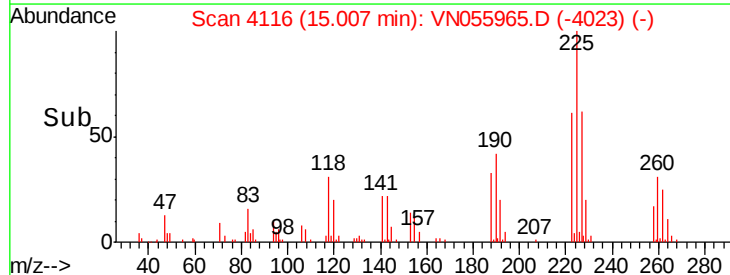
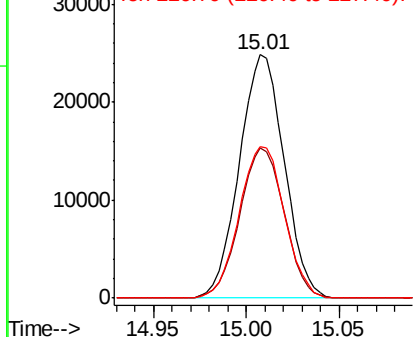


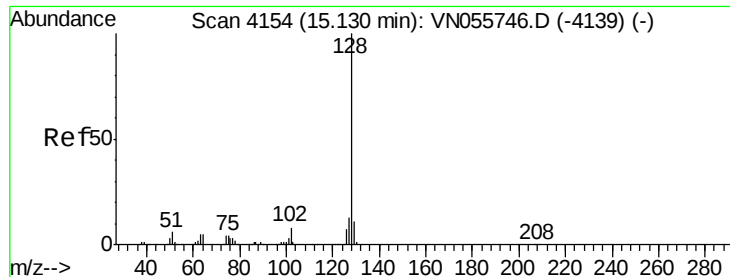
#94
 Hexachlorobutadiene
 Concen: 20.216 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055965.D
 Acq: 3 Jun 2019 16:45

Tgt Ion:225 Resp: 41626
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.9 92.7
 227 62.7 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: 18.834 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

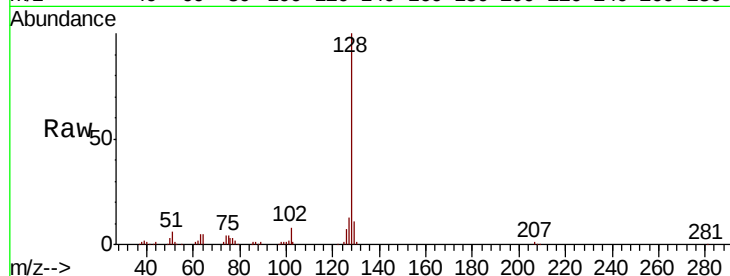
Tot Ion:128 Resp: 143485

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

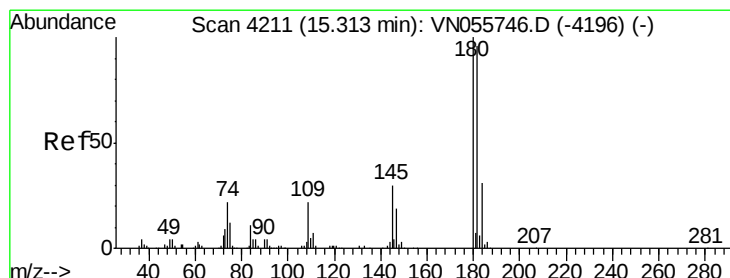
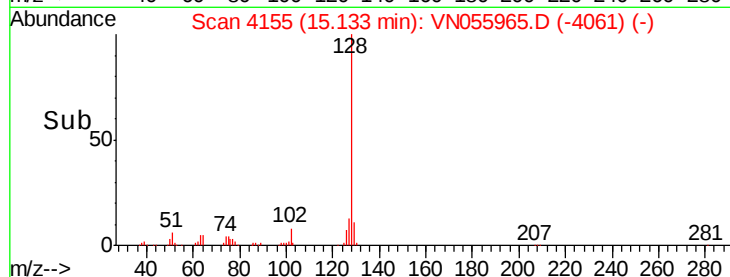
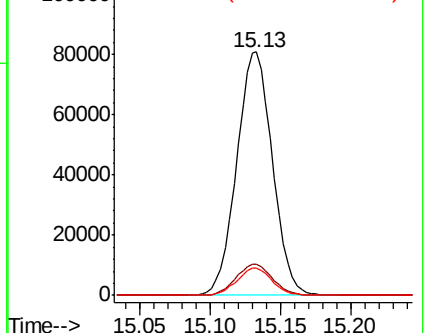
129 11.0 8.7 13.1



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: 19.430 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055965.D

Acq: 3 Jun 2019 16:45

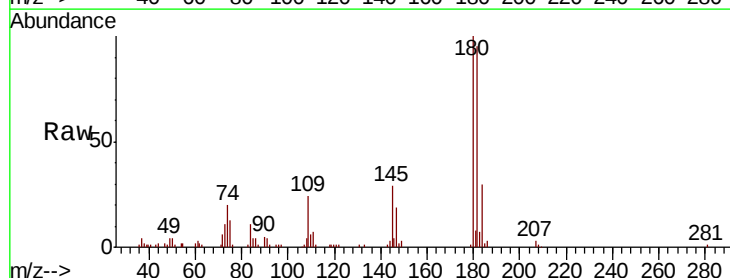
Tgt Ion:180 Resp: 57022

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.7

145 29.5 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

