

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055935.D
 Acq On : 31 May 2019 22:40
 Operator : JC/SP
 Sample : VN0531WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

Quant Time: Jun 01 02:05:02 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	300237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	457741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	399497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155552	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	166121	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
35) Dibromofluoromethane	7.59	113	143237	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	10.09	98	544327	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.40	95	176031	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	35855	17.744	ug/l	98
3) Chloromethane	2.06	50	50577	17.865	ug/l	99
4) Vinyl Chloride	2.19	62	54388	18.012	ug/l	99
5) Bromomethane	2.54	94	39360	20.835	ug/l	98
6) Chloroethane	2.69	64	36057	19.833	ug/l	100
7) Trichlorofluoromethane	3.00	101	74520	18.824	ug/l	99
8) Diethyl Ether	3.40	74	34855	19.644	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	46908	18.982	ug/l	100
10) Methyl Iodide	3.94	142	65893	18.238	ug/l	100
11) Tert butyl alcohol	4.82	59	57179	96.517	ug/l	100
12) 1,1-Dichloroethene	3.72	96	46741	18.305	ug/l	96
13) Acrolein	3.60	56	23066	54.375	ug/l	94
14) Allyl chloride	4.31	41	76476	17.471	ug/l	98
15) Acrylonitrile	4.99	53	138100	101.517	ug/l	99
16) Acetone	3.82	43	118423	86.887	ug/l	99
17) Carbon Disulfide	4.04	76	95479	13.161	ug/l	100
18) Methyl Acetate	4.33	43	65990	23.137	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	167537	19.673	ug/l	99
20) Methylene Chloride	4.55	84	58148	19.700	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	50922	18.563	ug/l	97
22) Diisopropyl ether	5.96	45	169878	19.953	ug/l	98
23) Vinyl Acetate	5.90	43	677724	92.844	ug/l	99
24) 1,1-Dichloroethane	5.84	63	95878	19.342	ug/l	99
25) 2-Butanone	6.84	43	185155	97.272	ug/l	98
26) 2,2-Dichloropropane	6.82	77	59152	13.788	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	62435	19.508	ug/l	97
28) Bromochloromethane	7.19	49	49660	21.042	ug/l	98
29) Tetrahydrofuran	7.22	42	122863	101.925	ug/l	100
30) Chloroform	7.37	83	98237	19.872	ug/l	98
31) Cyclohexane	7.65	56	85791	18.434	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	82277	18.651	ug/l	99
36) 1,1-Dichloropropene	7.79	75	69137	17.332	ug/l	99
37) Ethyl Acetate	6.93	43	74390	19.295	ug/l	99
38) Carbon Tetrachloride	7.77	117	67810	16.320	ug/l	96

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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	82442	16.690	ug/l	99
40) Benzene	8.04	78	227501	18.923	ug/l	99
41) Methacrylonitrile	7.17	41	34569	17.748	ug/l	96
42) 1,2-Dichloroethane	8.12	62	76930	19.583	ug/l	98
43) Isopropyl Acetate	8.17	43	115758	17.870	ug/l #	92
44) Trichloroethene	8.83	130	62720	18.714	ug/l	96
45) 1,2-Dichloropropane	9.12	63	60470	19.305	ug/l	99
46) Dibromomethane	9.21	93	39780	19.365	ug/l	98
47) Bromodichloromethane	9.40	83	73235	17.387	ug/l	97
48) Methyl methacrylate	9.20	41	57272	19.184	ug/l	98
49) 1,4-Dioxane	9.20	88	25251	407.014	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	370977	96.968	ug/l	100
52) Toluene	10.15	92	141693	18.740	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	70292	15.634	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	82691	16.602	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	58798	19.411	ug/l	99
56) Ethyl methacrylate	10.43	69	86641	18.508	ug/l	98
57) 1,3-Dichloropropane	10.71	76	95172	19.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	150644	84.205	ug/l	100
59) 2-Hexanone	10.75	43	252391	92.995	ug/l	100
60) Dibromochloromethane	10.90	129	56188	15.923	ug/l	99
61) 1,2-Dibromoethane	11.00	107	58261	18.543	ug/l	97
64) Tetrachloroethene	10.63	164	64067	19.014	ug/l	99
65) Chlorobenzene	11.43	112	152263	19.039	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	55340	17.350	ug/l	99
67) Ethyl Benzene	11.51	91	266863	18.607	ug/l	100
68) m/p-Xylenes	11.62	106	200553	36.990	ug/l	99
69) o-Xylene	11.95	106	100787	18.736	ug/l	99
70) Styrene	11.96	104	159503	18.310	ug/l	100
71) Bromoform	12.13	173	38239	14.055	ug/l #	99
73) Isopropylbenzene	12.25	105	264497	22.434	ug/l	100
74) N-amyl acetate	12.07	43	91585	20.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	80092	22.627	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	91799	33.216	ug/l #	100
77) Bromobenzene	12.53	156	67574	20.358	ug/l	99
78) n-propylbenzene	12.59	91	266053	19.679	ug/l	100
79) 2-Chlorotoluene	12.67	91	168612	21.712	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	212248	21.320	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	16304	14.102	ug/l #	86
82) 4-Chlorotoluene	12.77	91	155447	19.560	ug/l	99
83) tert-Butylbenzene	12.99	119	195686	22.651	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	206132	20.801	ug/l	99
85) sec-Butylbenzene	13.17	105	240079	21.585	ug/l	99
86) p-Isopropyltoluene	13.29	119	211612	19.589	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	99762	18.981	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	93221	18.655	ug/l	97
89) n-Butylbenzene	13.61	91	145131	17.534	ug/l	99
90) Hexachloroethane	13.87	117	32692	15.900	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	103683	19.772	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11887	17.247	ug/l	97

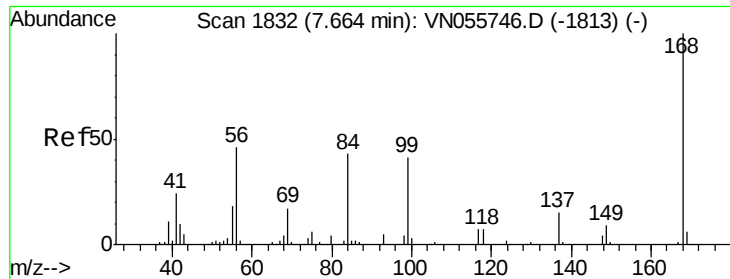
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39165	15.674	ug/l	99
94) Hexachlorobutadiene	15.01	225	35309	17.963	ug/l	97
95) Naphthalene	15.13	128	113439	15.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45619	16.457	ug/l	98

(#) = 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: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

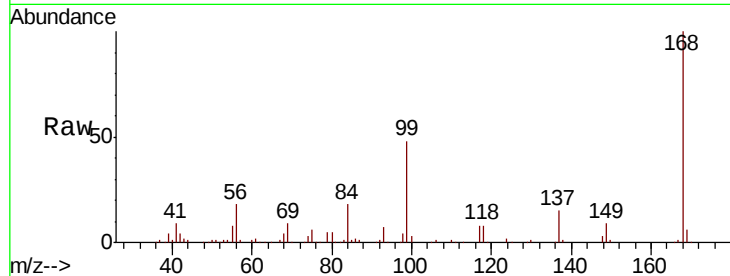
VN0531WBS02

Tot Ion:168 Resp: 300237

Ion Ratio Lower Upper

168 100

99 47.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

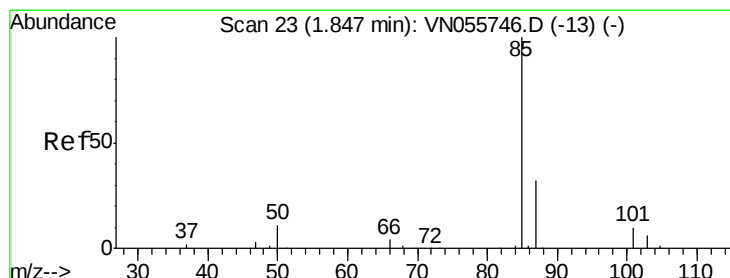
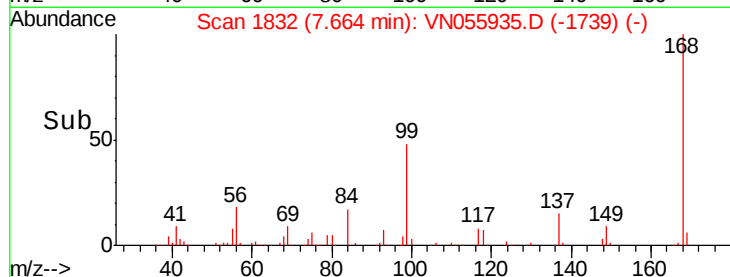
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.744 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055935.D

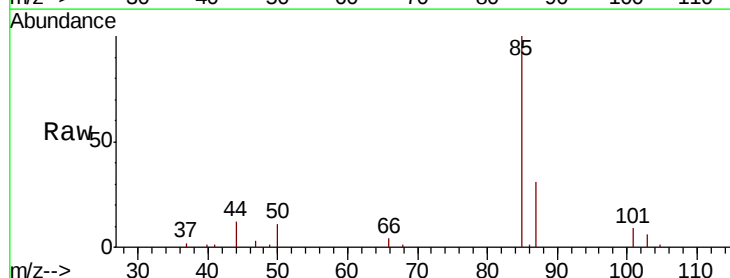
Acq: 31 May 2019 22:40

Tgt Ion: 85 Resp: 35855

Ion Ratio Lower Upper

85 100

87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

25000

20000

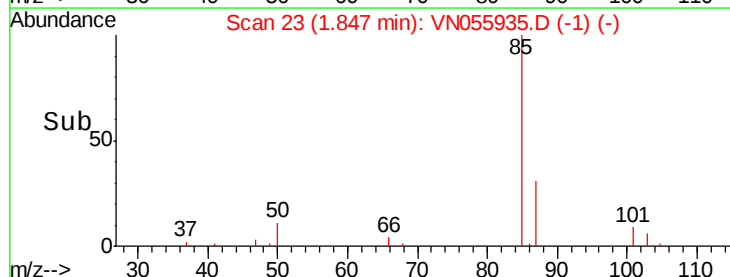
15000

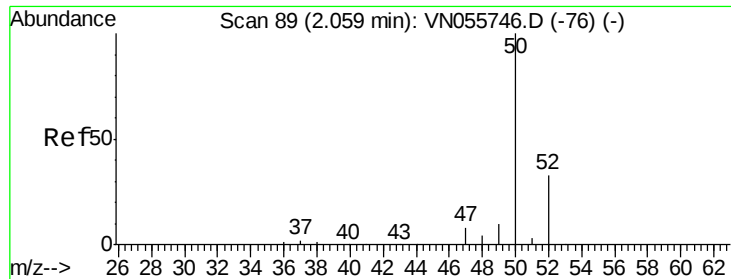
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5000

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Time-->

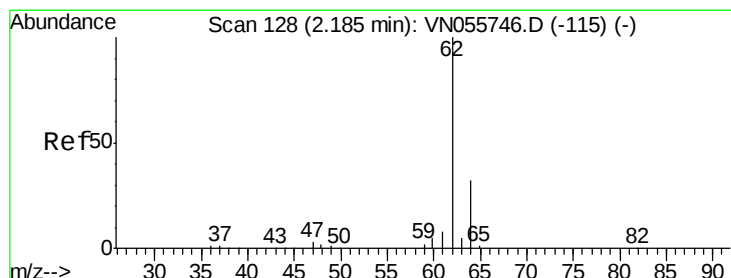
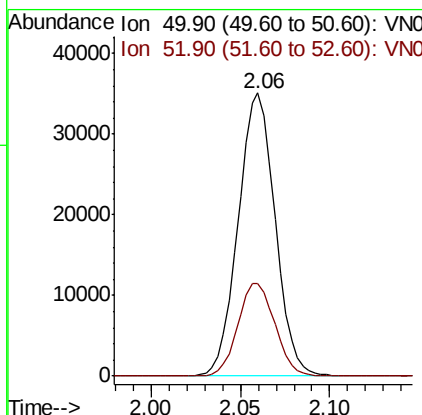
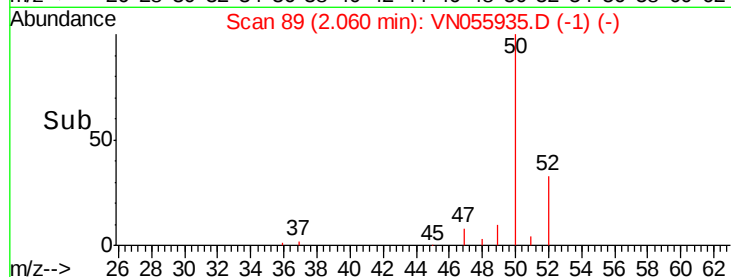
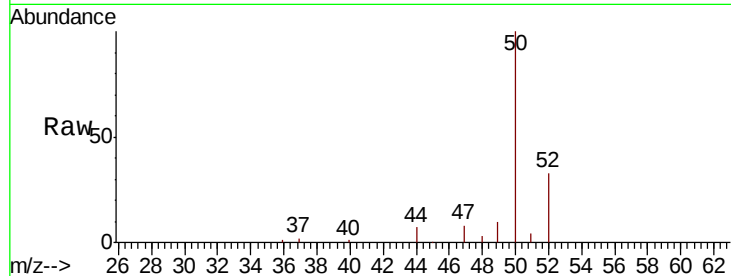




#3
 Chloromethane
 Concen: 17.865 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

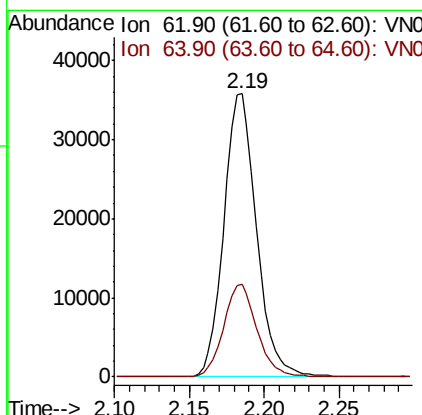
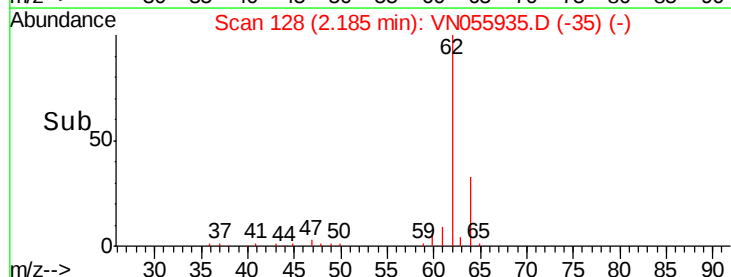
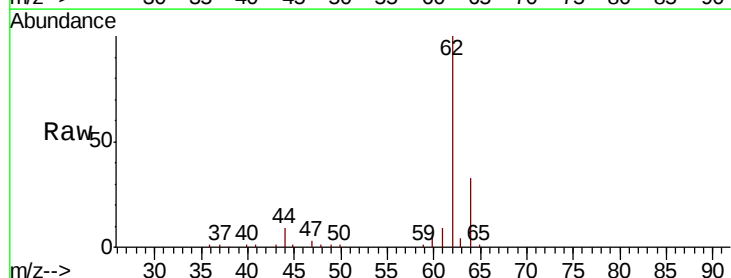
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

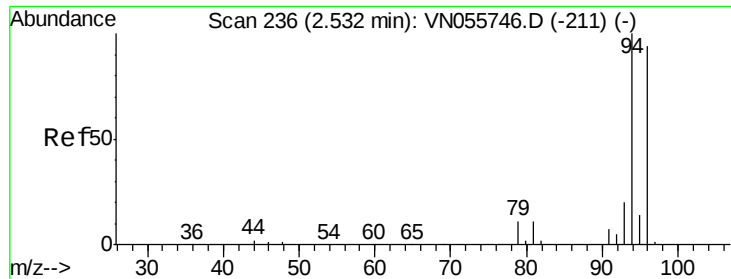
Tot Ion: 50 Resp: 50577
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.6 40.0



#4
 Vinyl Chloride
 Concen: 18.012 ug/l
 RT: 2.19 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 62 Resp: 54388
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.6 38.4





#5

Bromomethane

Concen: 20.835 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

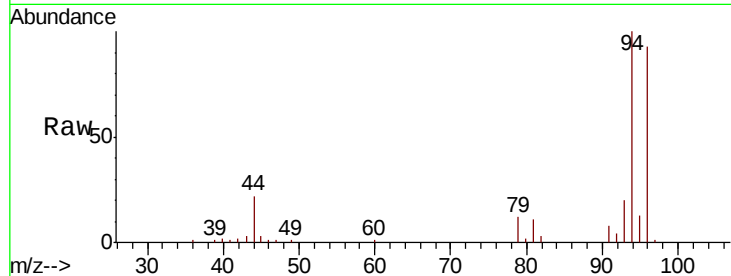
VN0531WBS02

Tot Ion: 94 Resp: 39360

Ion Ratio Lower Upper

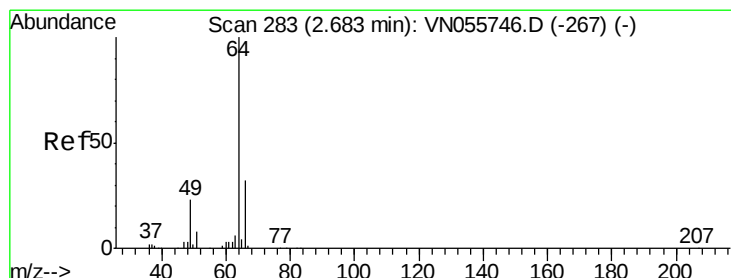
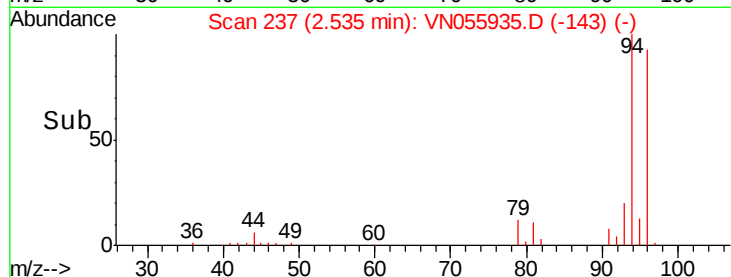
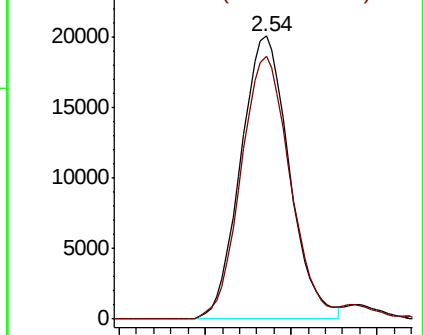
94 100

96 92.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.833 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN055935.D

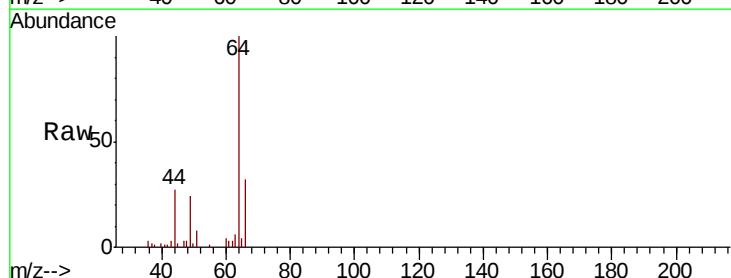
Acq: 31 May 2019 22:40

Tgt Ion: 64 Resp: 36057

Ion Ratio Lower Upper

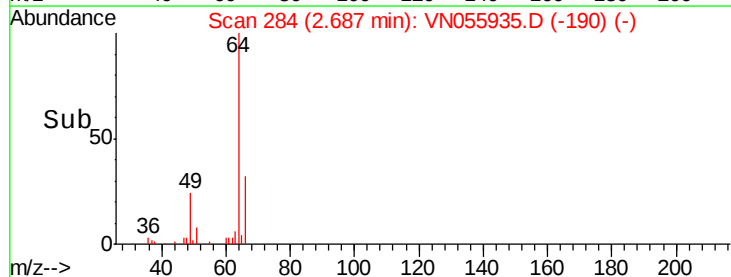
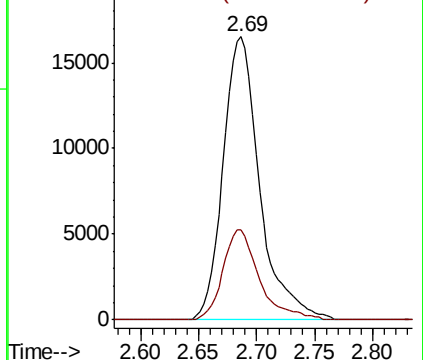
64 100

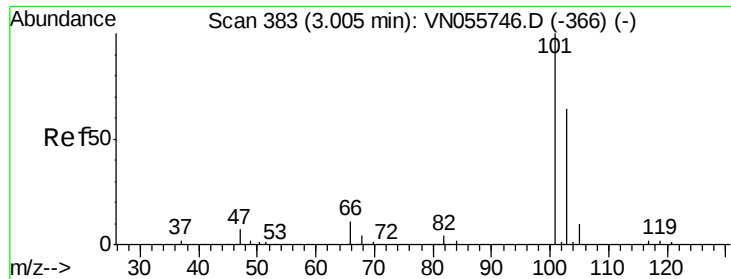
66 31.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



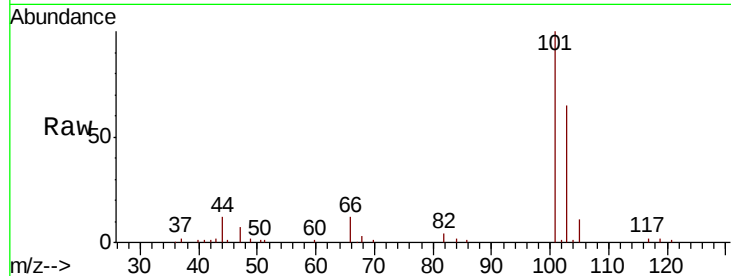


#7

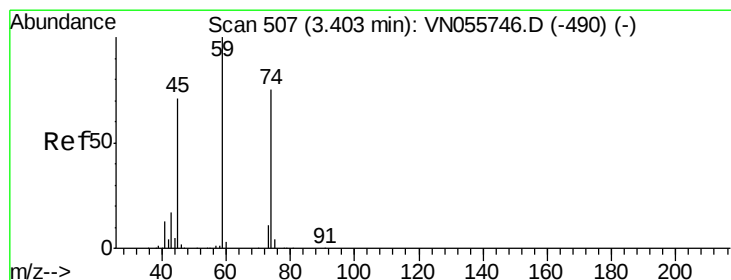
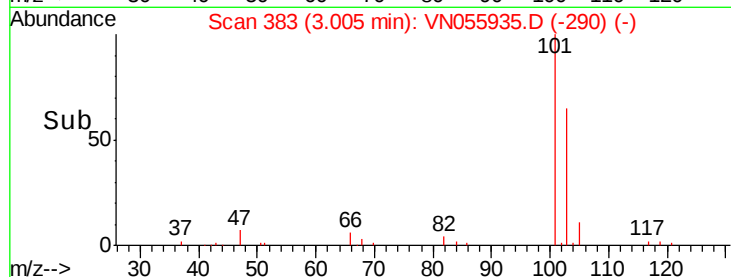
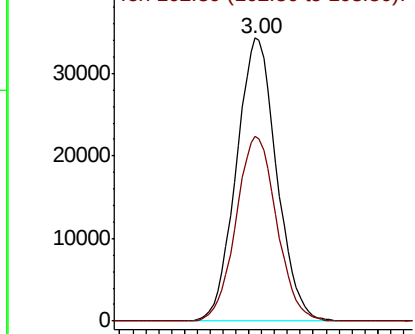
Trichlorofluoromethane
 Concen: 18.824 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Instrument :
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Tot Ion:101 Resp: 74520
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.2 76.8



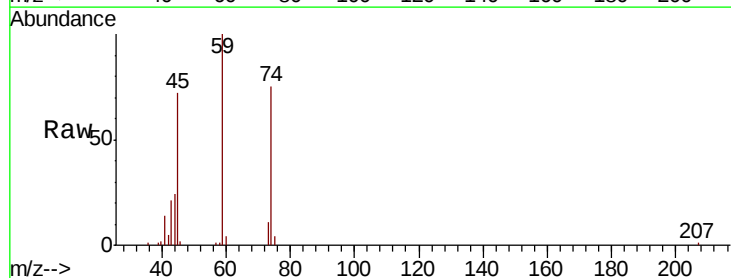
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



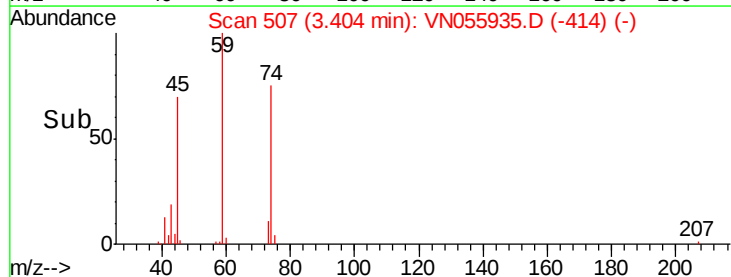
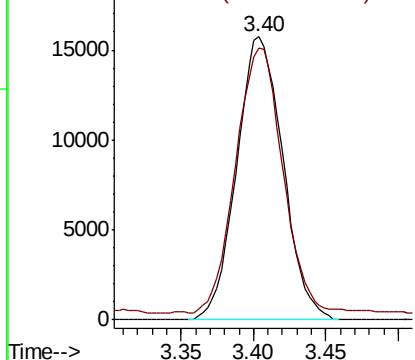
#8

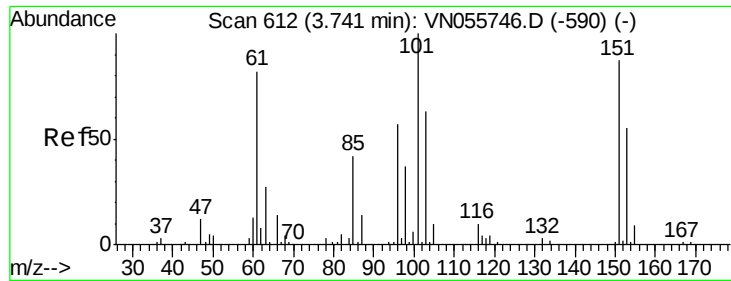
Diethyl Ether
 Concen: 19.644 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 74 Resp: 34855
 Ion Ratio Lower Upper
 74 100
 45 95.6 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: 18.982 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

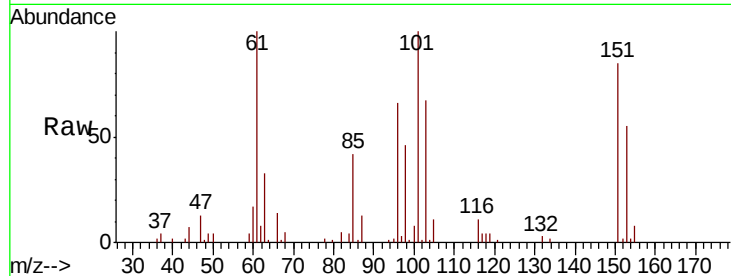
Tot Ion:101 Resp: 46908

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

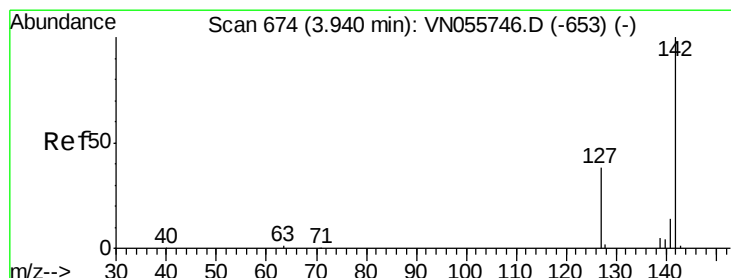
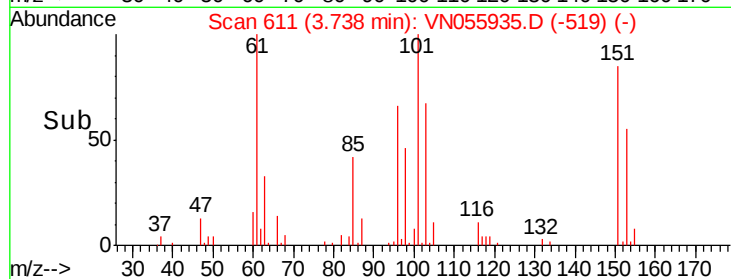
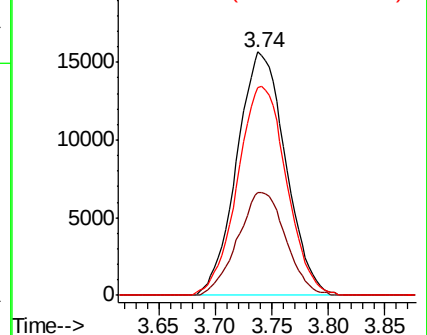
151 86.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.238 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

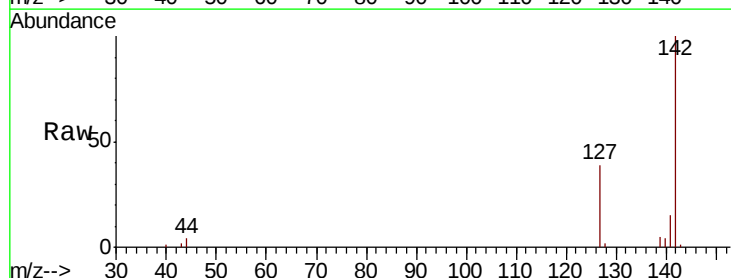
Tgt Ion:142 Resp: 65893

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

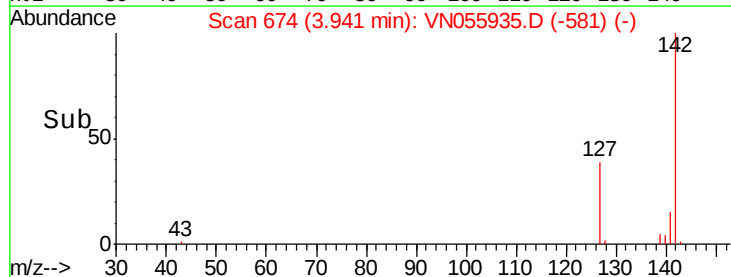
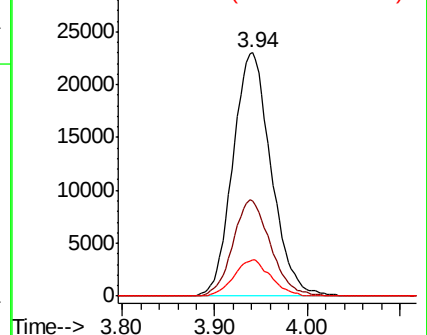
141 14.2 11.4 17.0

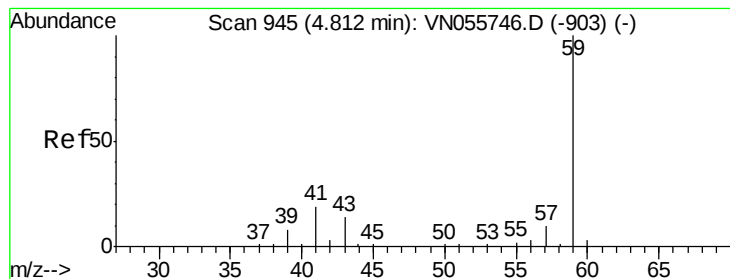


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.517 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.01 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

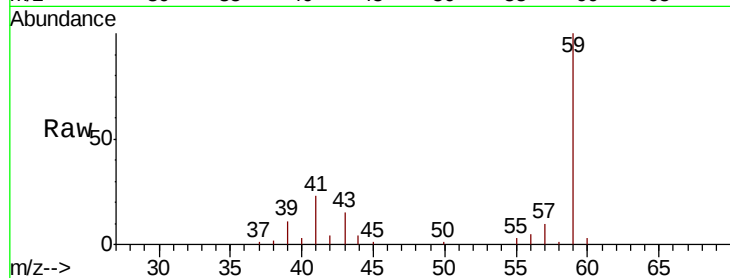
VN0531WBS02

Tot Ion: 59 Resp: 57179

Ion Ratio Lower Upper

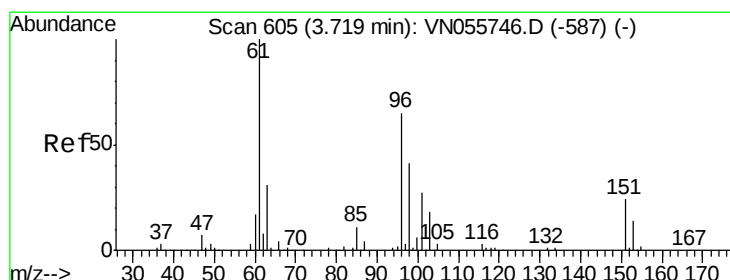
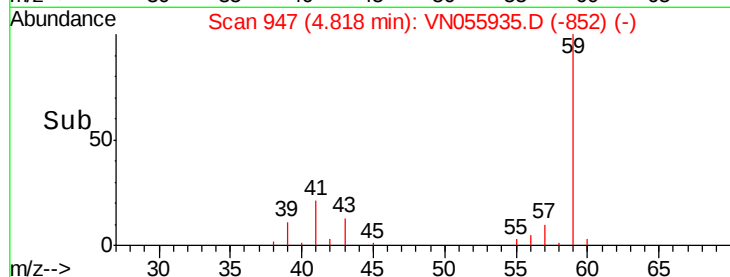
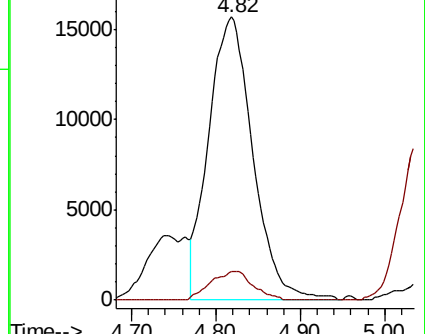
59 100

57 9.8 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.305 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

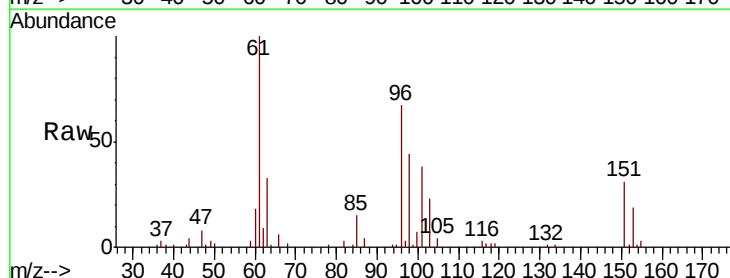
Tgt Ion: 96 Resp: 46741

Ion Ratio Lower Upper

96 100

61 149.4 123.2 184.8

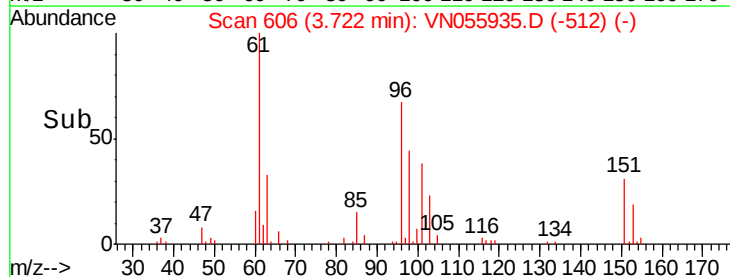
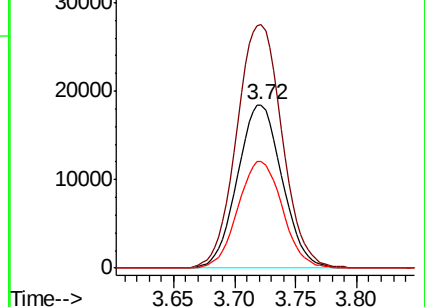
98 65.8 50.4 75.6

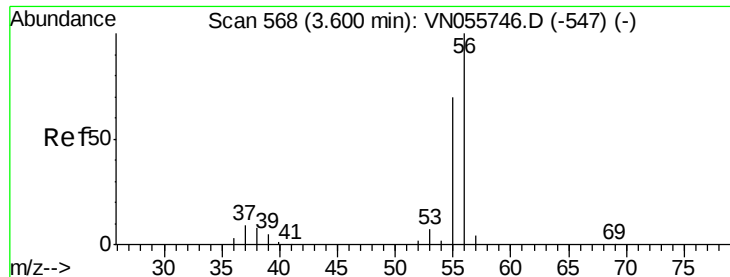


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 54.375 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

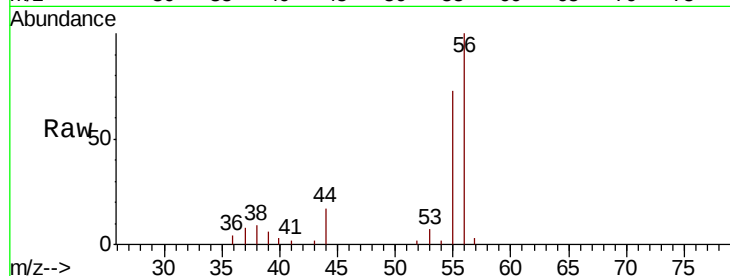
VN0531WBS02

Tot Ion: 56 Resp: 23066

Ion Ratio Lower Upper

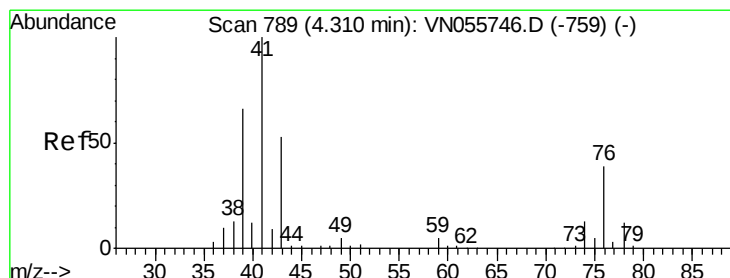
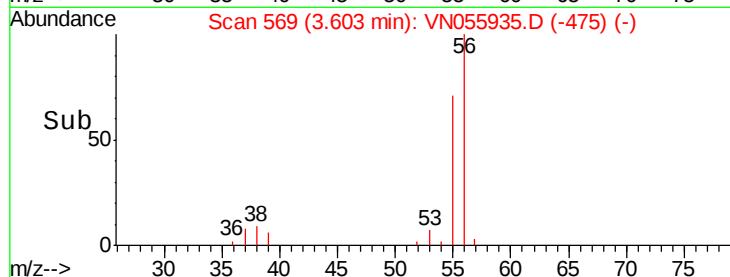
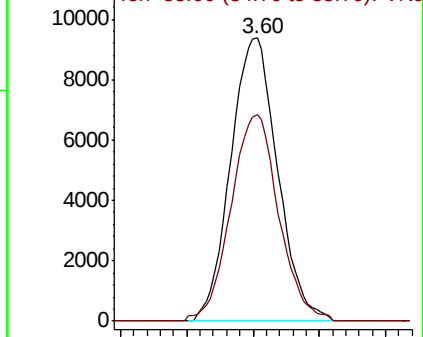
56 100

55 74.2 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: 17.471 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

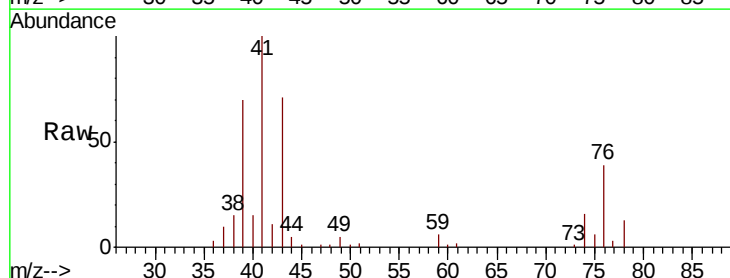
Tgt Ion: 41 Resp: 76476

Ion Ratio Lower Upper

41 100

39 63.2 50.0 75.0

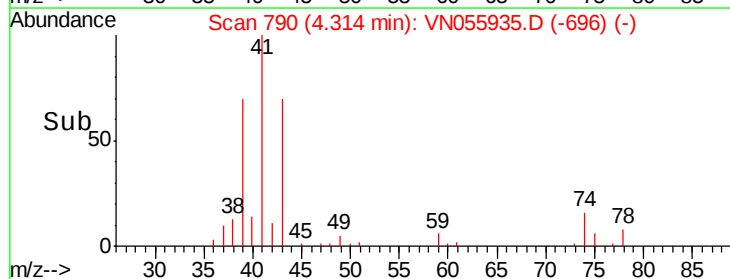
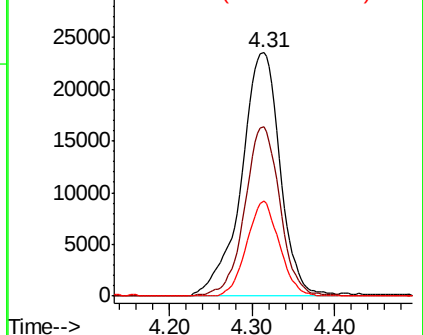
76 32.9 28.2 42.2

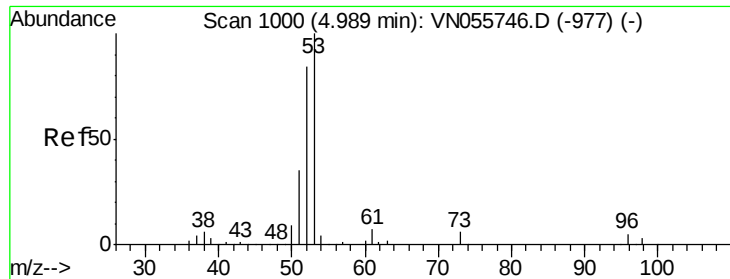


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

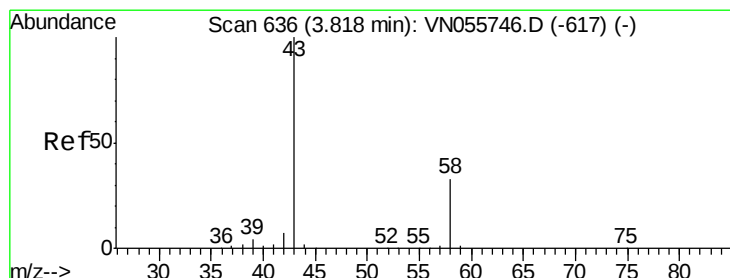
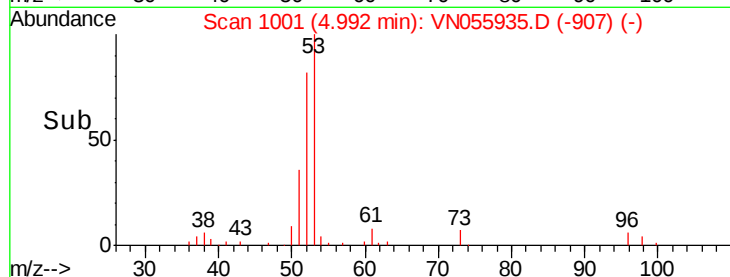
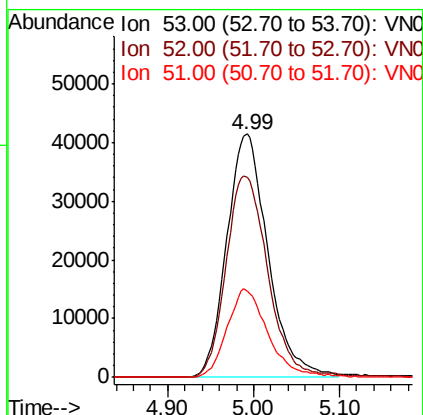
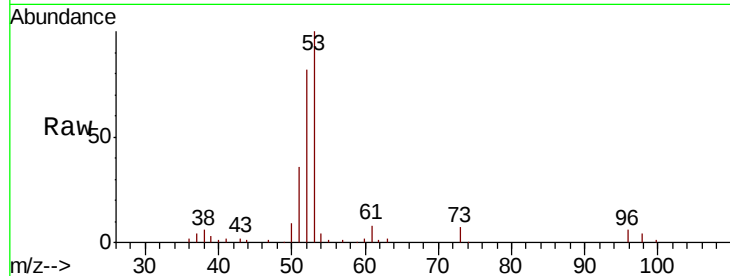




#15
 Acrylonitrile
 Concen: 101.517 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

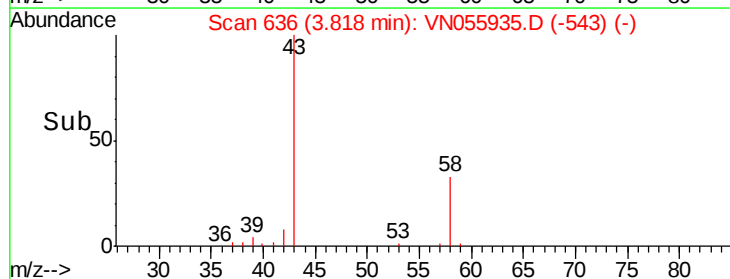
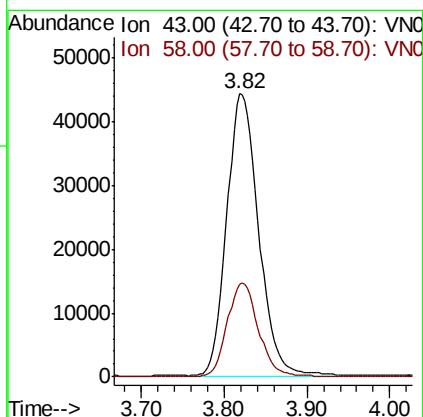
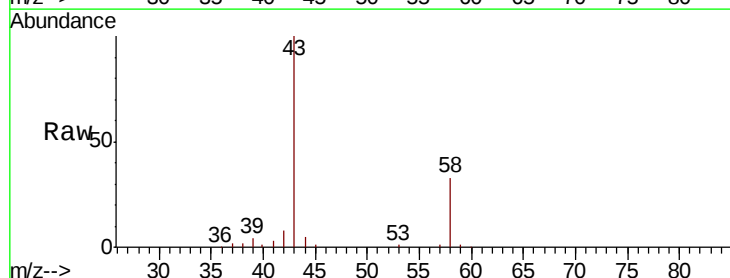
Instrument :
 MSVOA_N
 ClientSampled :
 VN0531WBS02

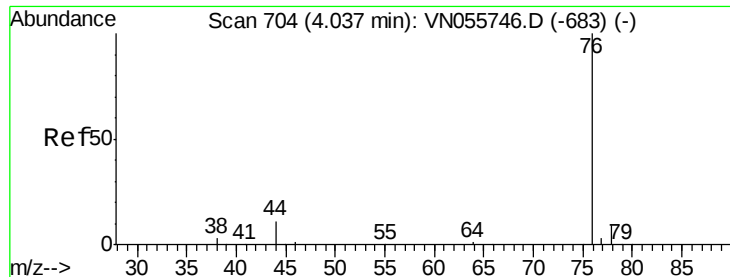
Tot Ion: 53 Resp: 138100
 Ion Ratio Lower Upper
 53 100
 52 83.1 65.8 98.8
 51 35.6 28.2 42.4



#16
 Acetone
 Concen: 86.887 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 43 Resp: 118423
 Ion Ratio Lower Upper
 43 100
 58 32.7 26.6 39.8





#17

Carbon Disulfide

Concen: 13.161 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

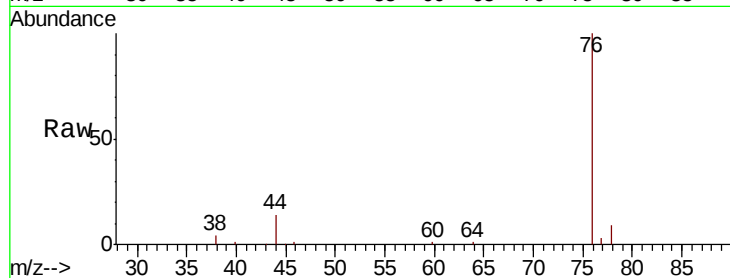
VN0531WBS02

Tot Ion: 76 Resp: 95479

Ion Ratio Lower Upper

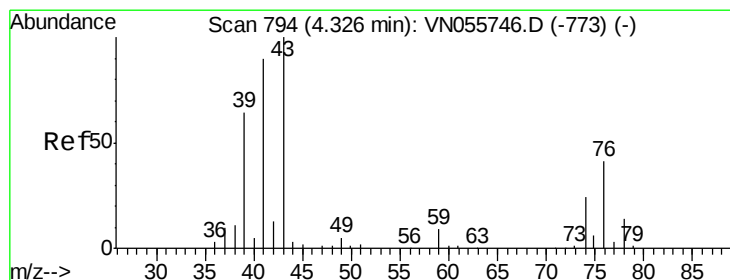
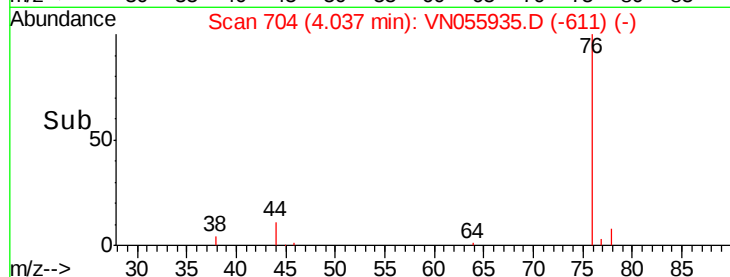
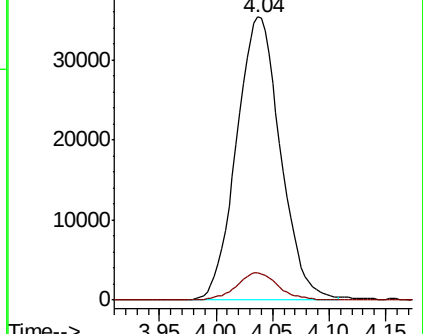
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 23.137 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055935.D

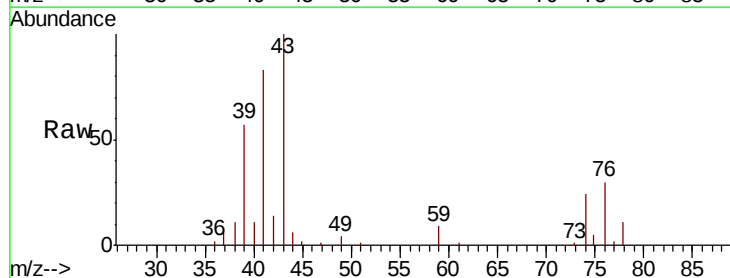
Acq: 31 May 2019 22:40

Tgt Ion: 43 Resp: 65990

Ion Ratio Lower Upper

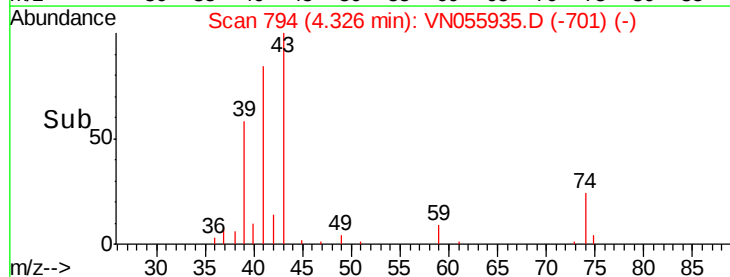
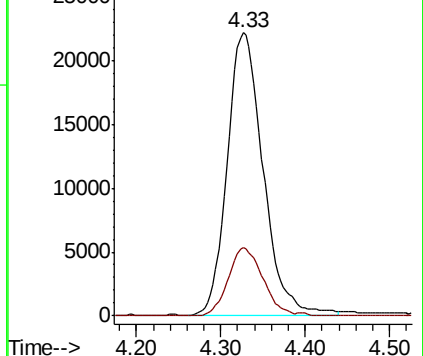
43 100

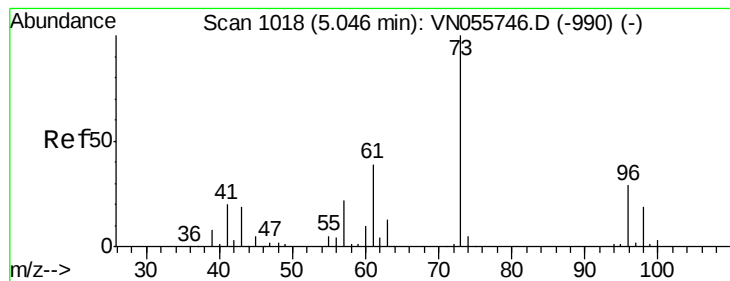
74 23.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



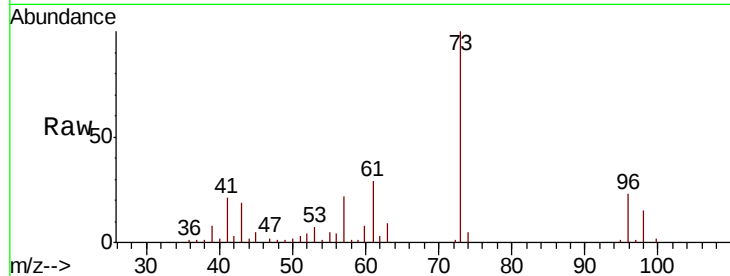


#19

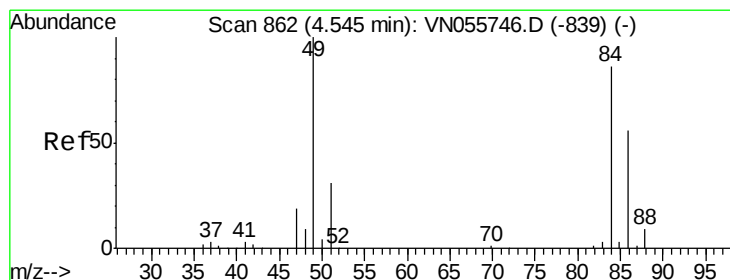
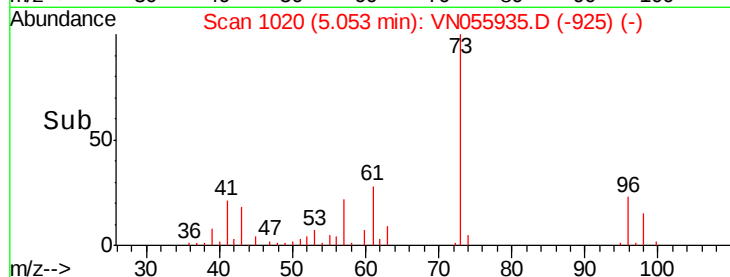
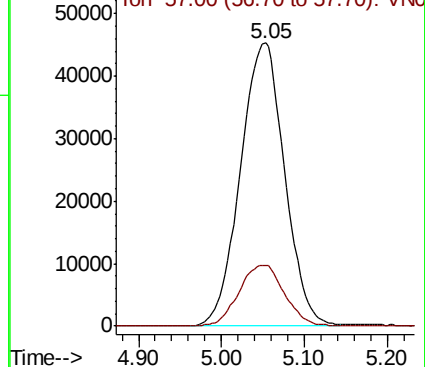
Methyl tert-butyl Ether
 Concen: 19.673 ug/l
 RT: 5.05 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0531WBS02

Tot Ion: 73 Resp: 167537
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.8 26.8



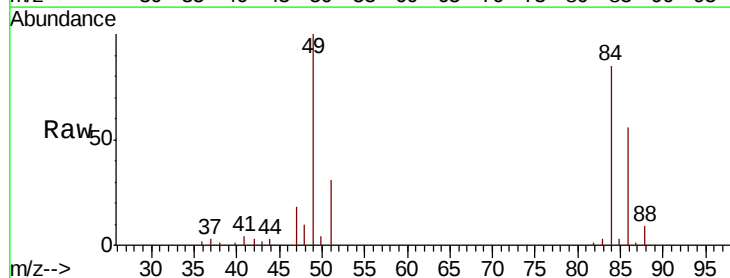
Abundance Ion 73.00 (72.70 to 73.70): VN055746.D (-990) (-)
 Ion 57.00 (56.70 to 57.70): VN055746.D (-990) (-)



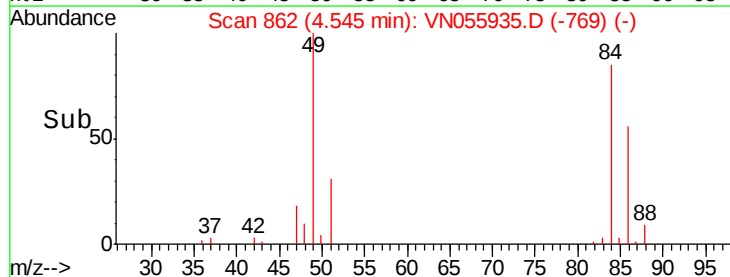
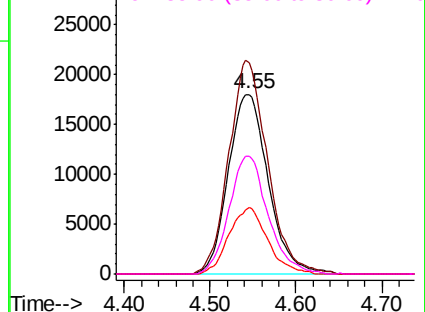
#20

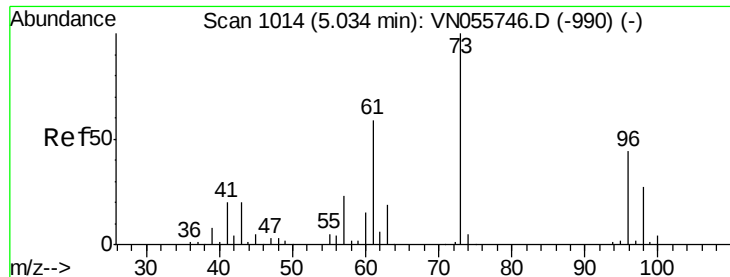
Methylene Chloride
 Concen: 19.700 ug/l
 RT: 4.55 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 84 Resp: 58148
 Ion Ratio Lower Upper
 84 100
 49 117.4 93.5 140.3
 51 37.0 28.6 43.0
 86 65.6 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN055746.D (-839) (-)
 Ion 48.90 (48.60 to 49.60): VN055746.D (-839) (-)
 Ion 50.90 (50.60 to 51.60): VN055746.D (-839) (-)
 Ion 85.90 (85.60 to 86.60): VN055746.D (-839) (-)



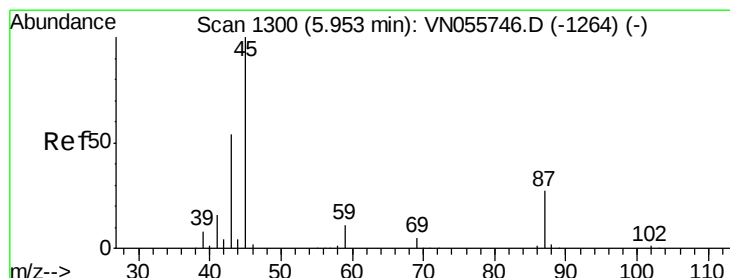
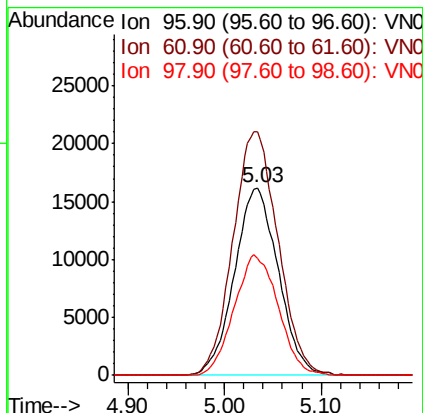
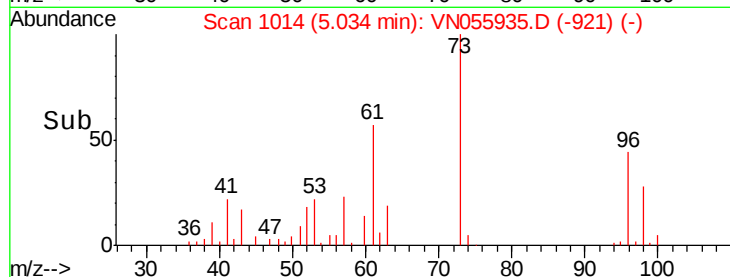
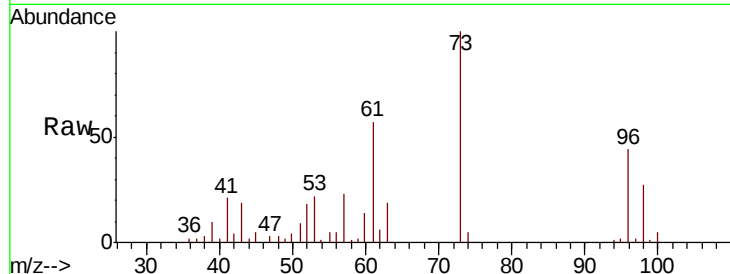


#21

trans-1,2-Dichloroethene
Concen: 18.563 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Instrument :
MSVOA_N
ClientSampled :
VN0531WBS02

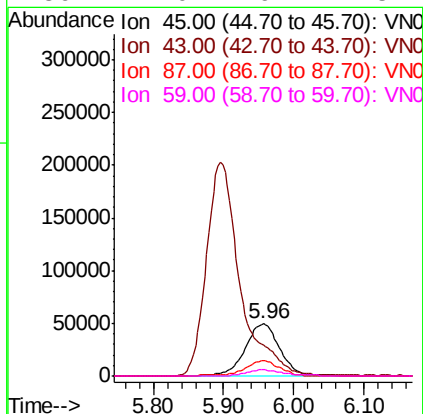
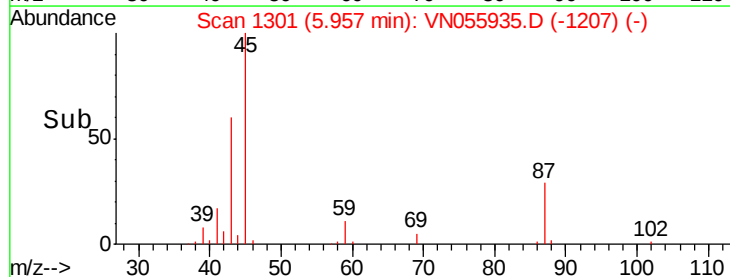
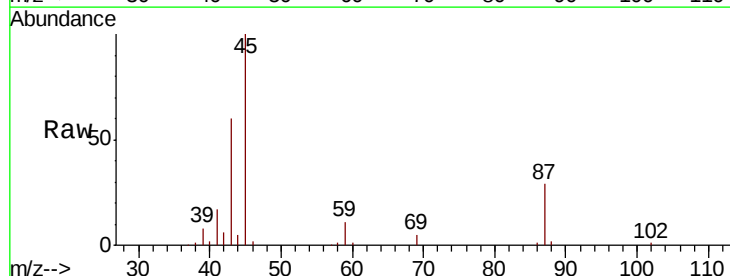
Tot Ion: 96 Resp: 50922
Ion Ratio Lower Upper
96 100
61 129.8 107.8 161.8
98 62.5 49.8 74.8

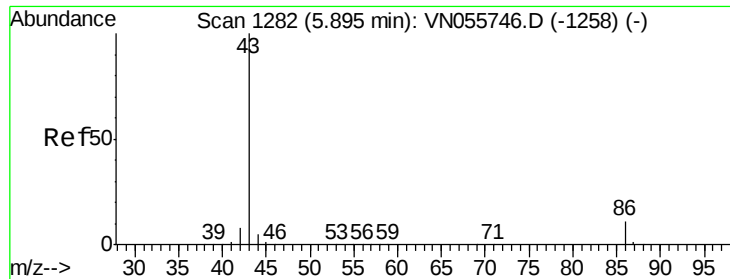


#22

Diisopropyl ether
Concen: 19.953 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 45 Resp: 169878
Ion Ratio Lower Upper
45 100
43 57.7 45.0 67.6
87 28.5 22.2 33.4
59 11.0 9.1 13.7





#23

Vinyl Acetate

Concen: 92.844 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

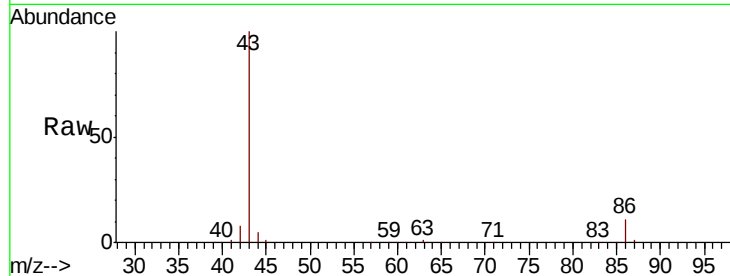
VN0531WBS02

Tot Ion: 43 Resp: 677724

Ion Ratio Lower Upper

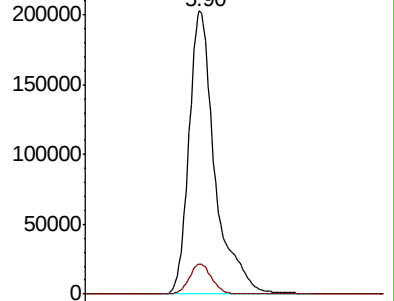
43 100

86 10.5 8.6 13.0

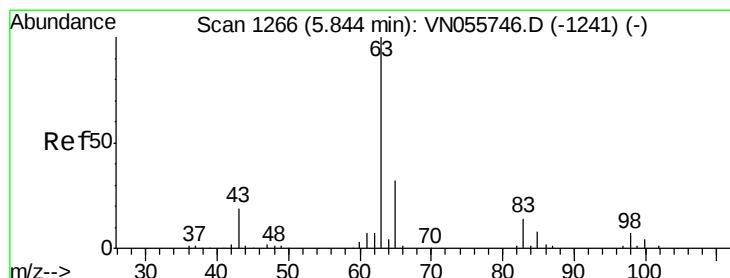
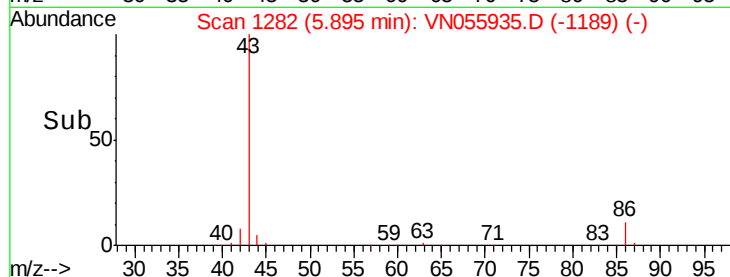


Abundance Ion 43.00 (42.70 to 43.70): VN055935.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055935.D (-1189) (-)



Time-->



#24

1,1-Dichloroethane

Concen: 19.342 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

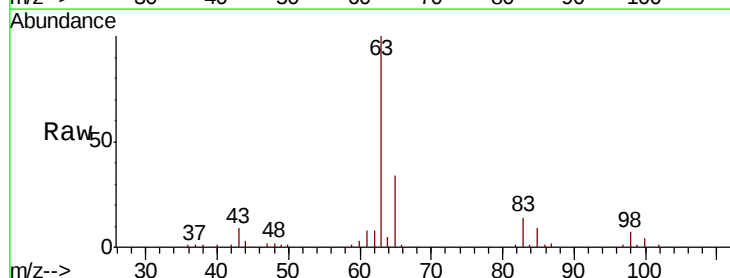
Tgt Ion: 63 Resp: 95878

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

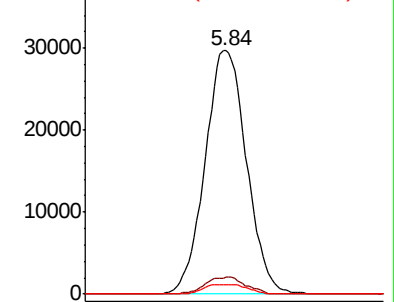
100 3.7 2.2 6.6



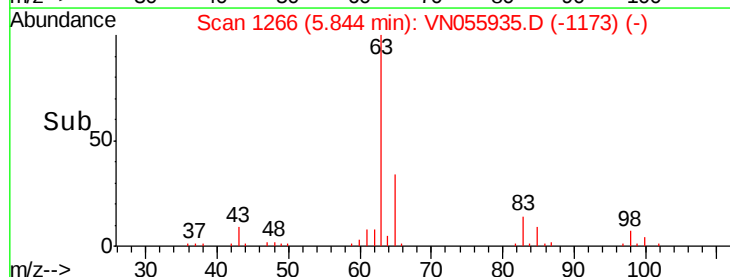
Abundance Ion 62.90 (62.60 to 63.60): VN055935.D (-1173) (-)

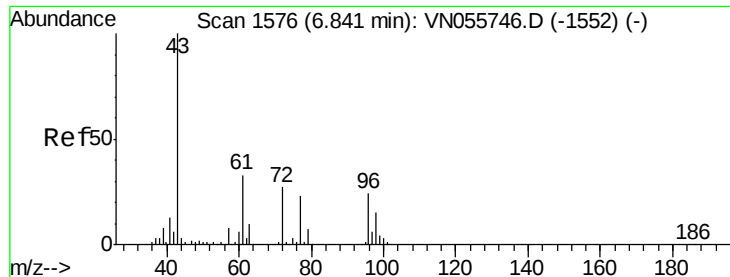
Ion 97.90 (97.60 to 98.60): VN055935.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055935.D (-1173) (-)



Time-->

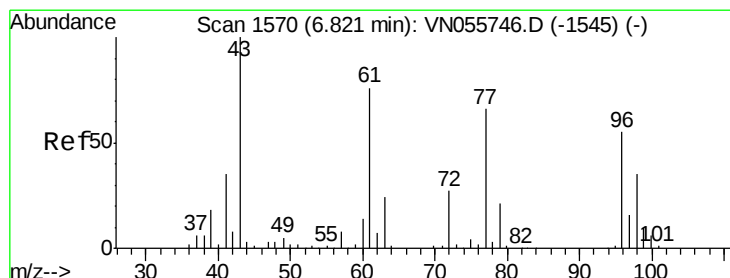
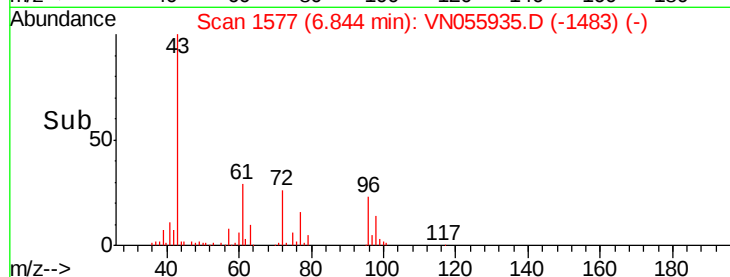
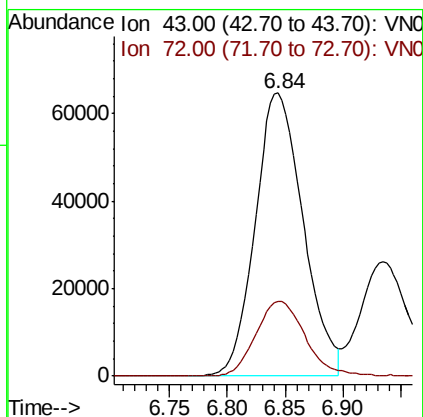
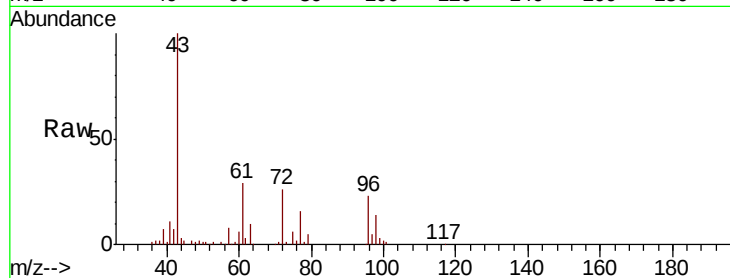




#25
2-Butanone
Concen: 97.272 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

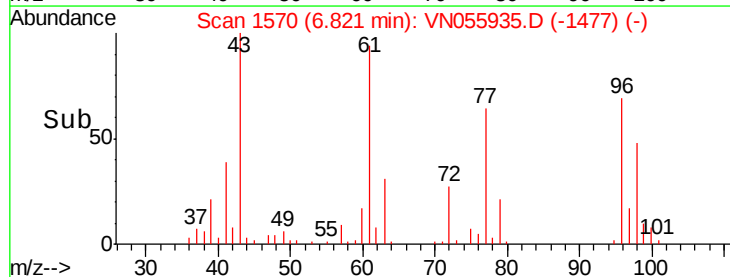
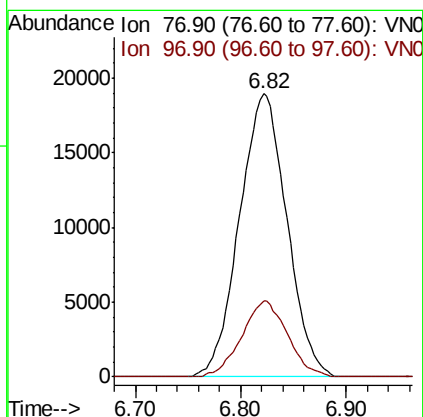
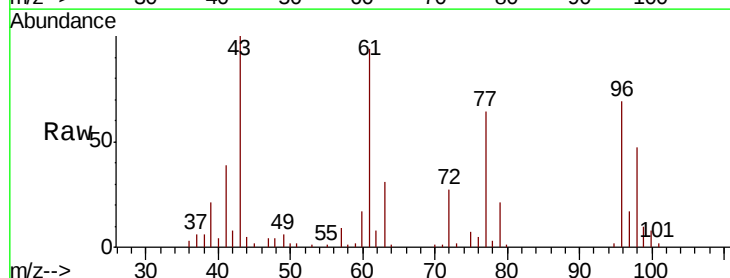
Instrument :
MSVOA_N
ClientSampled :
VN0531WBS02

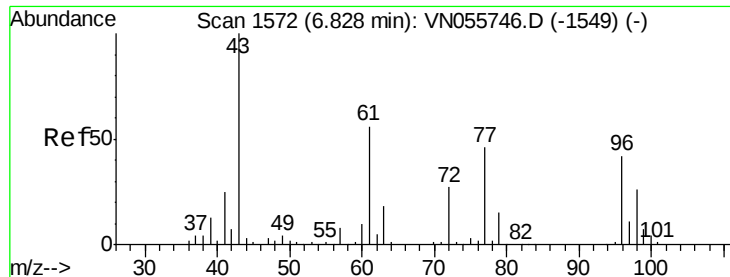
Tot Ion: 43 Resp: 185155
Ion Ratio Lower Upper
43 100
72 26.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 13.788 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 77 Resp: 59152
Ion Ratio Lower Upper
77 100
97 25.9 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.508 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

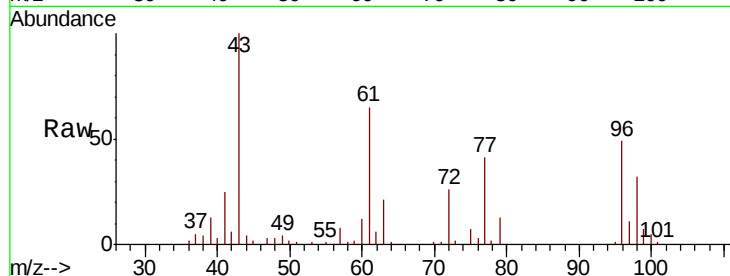
Tot Ion: 96 Resp: 62435

Ion Ratio Lower Upper

96 100

61 132.9 0.0 275.8

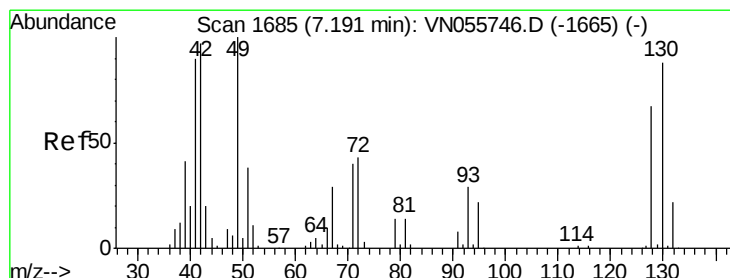
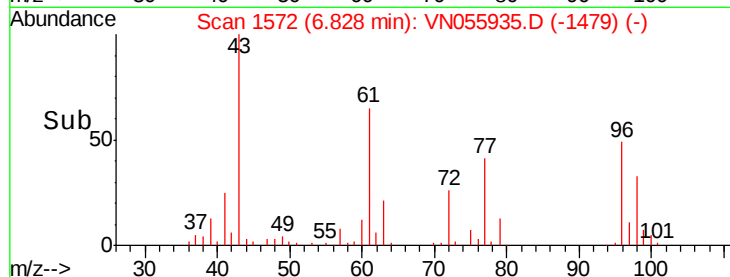
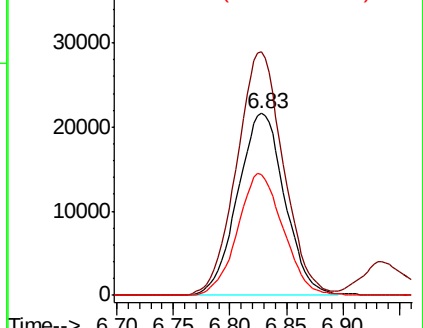
98 65.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055746.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN055746.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN055746.D (-1549) (-)



#28

Bromochloromethane

Concen: 21.042 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

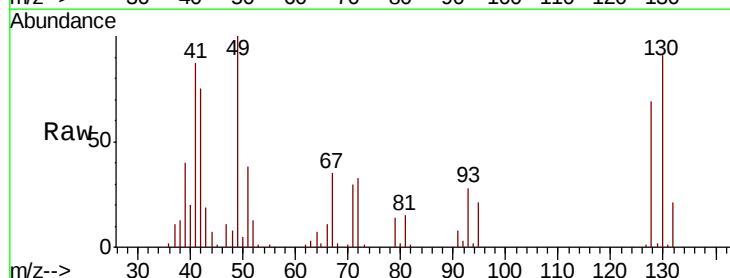
Tgt Ion: 49 Resp: 49660

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.4

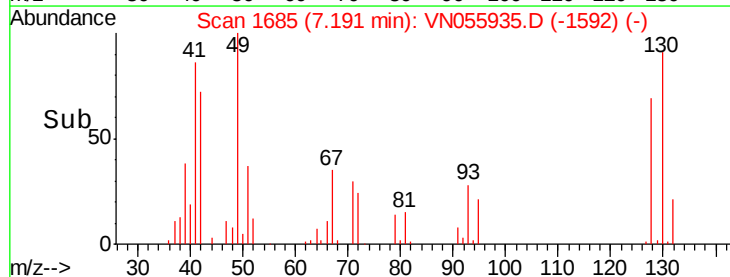
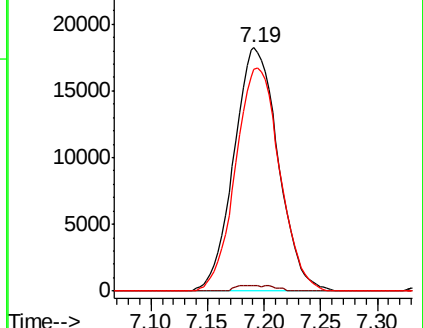
130 91.1 71.2 106.8

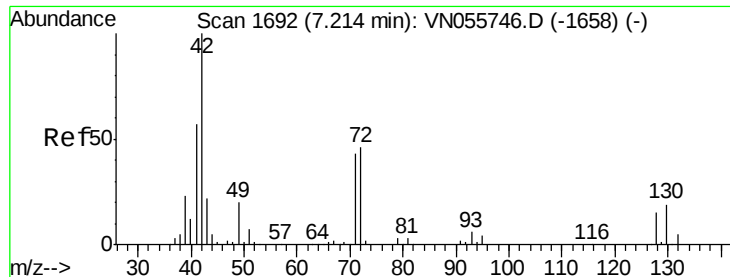


Abundance Ion 48.90 (48.60 to 49.60): VN055746.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055746.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055746.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 101.925 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

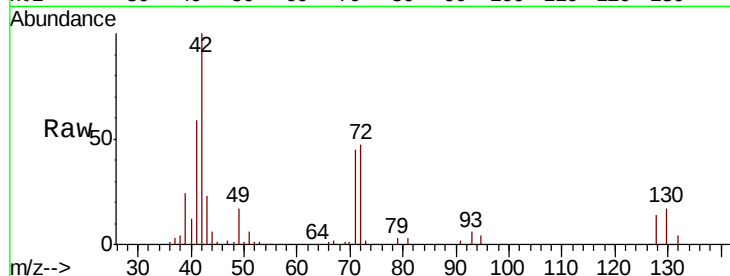
Tot Ion: 42 Resp: 122863

Ion Ratio Lower Upper

42 100

72 45.0 35.9 53.9

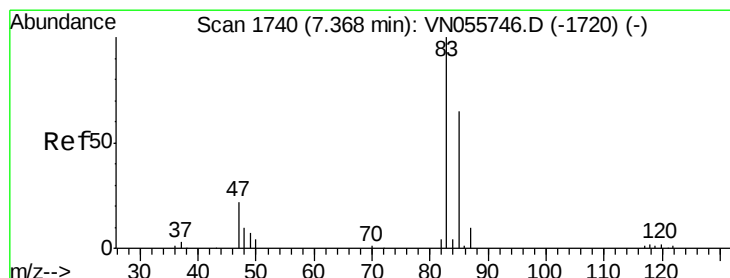
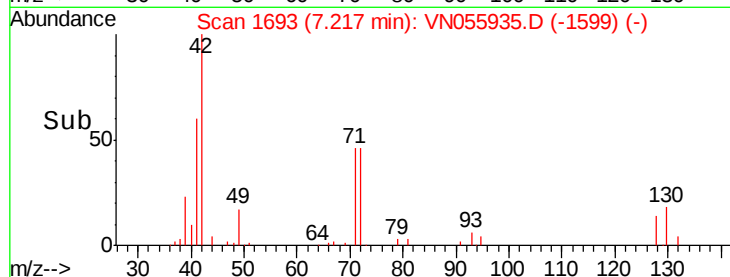
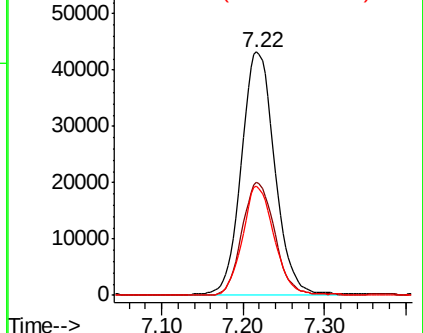
71 42.2 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN055746.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN055746.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN055746.D (-1658) (-)



#30

Chloroform

Concen: 19.872 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055935.D

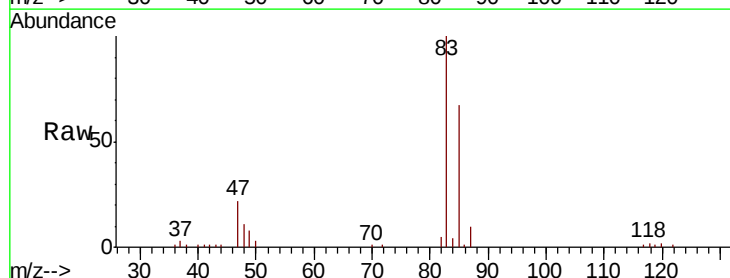
Acq: 31 May 2019 22:40

Tgt Ion: 83 Resp: 98237

Ion Ratio Lower Upper

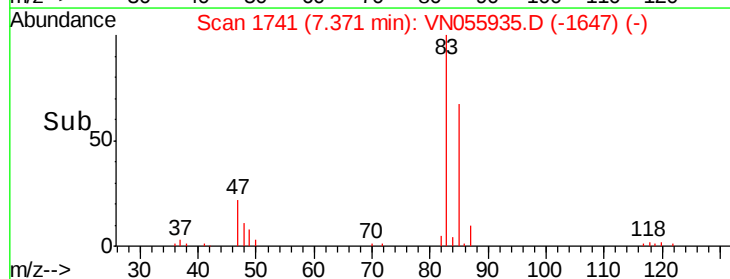
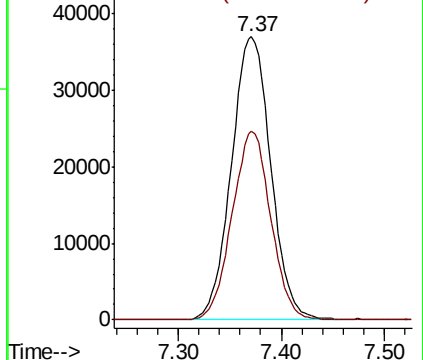
83 100

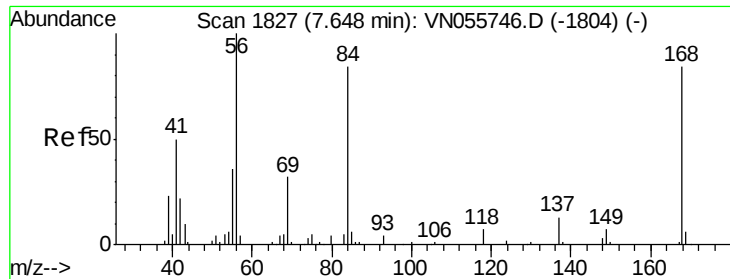
85 66.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN055746.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055746.D (-1720) (-)

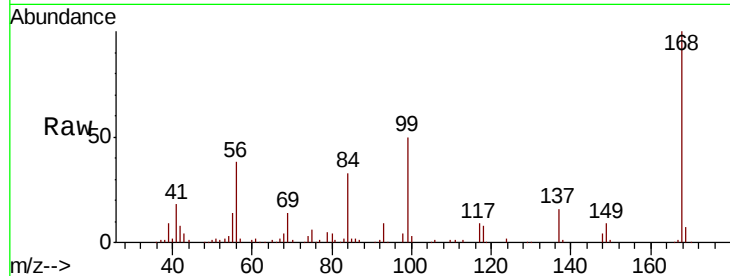




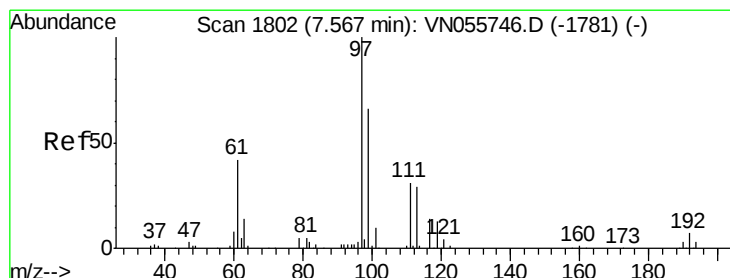
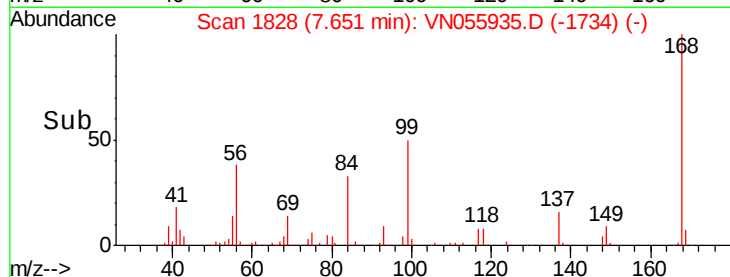
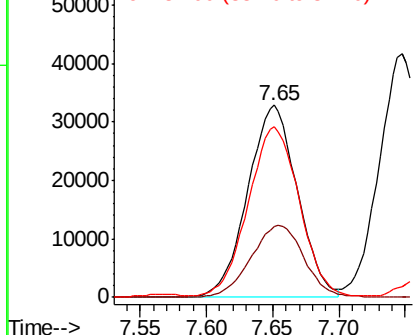
#31
Cyclohexane
Concen: 18.434 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

Tot Ion: 56 Resp: 85791
Ion Ratio Lower Upper
56 100
69 36.8 25.6 38.4
84 87.9 67.4 101.0

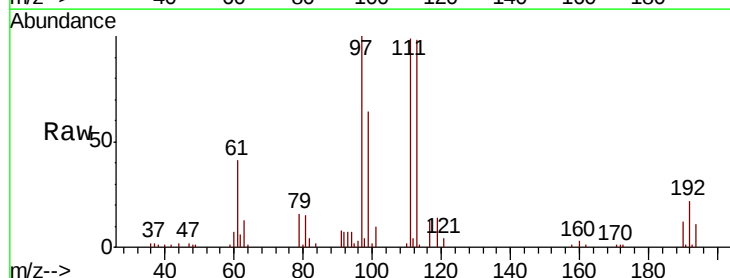


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

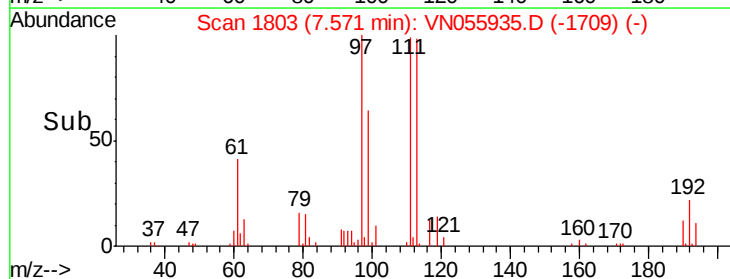
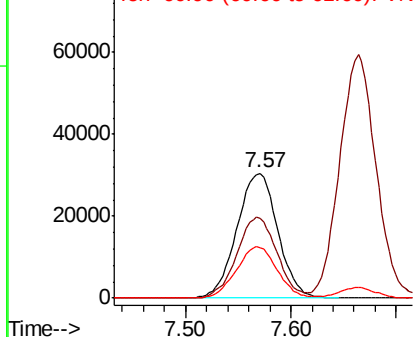


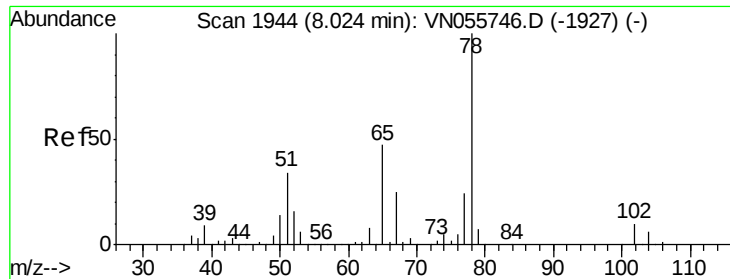
#32
1,1,1-Trichloroethane
Concen: 18.651 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 97 Resp: 82277
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 41.0 32.9 49.3



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

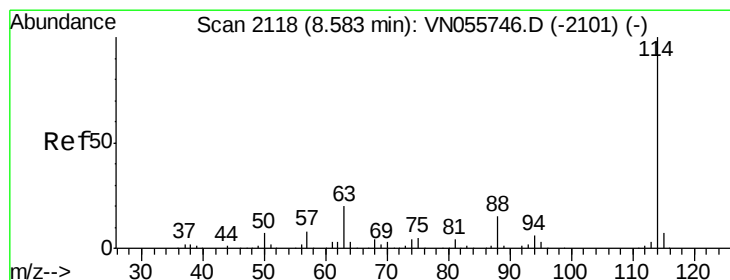
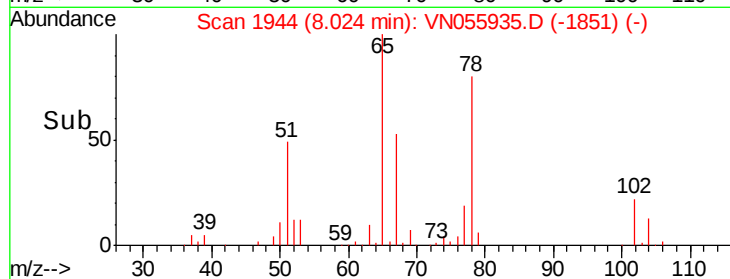
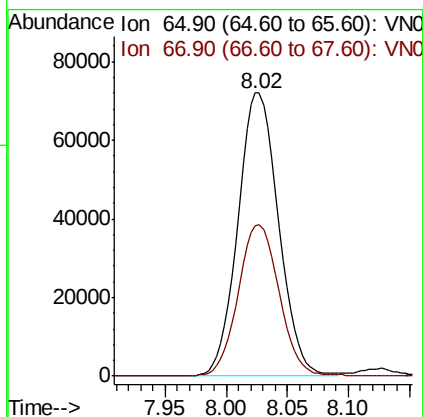
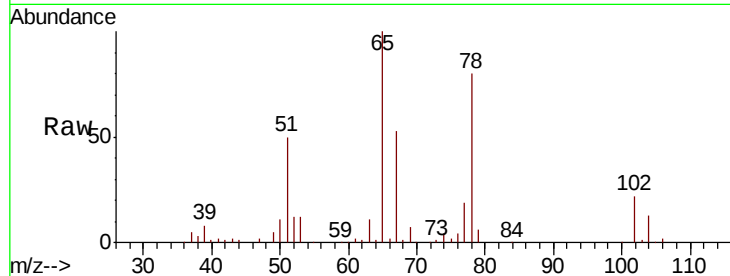




#33
 1,2-Dichloroethane-d4
 Concen: 53.577 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

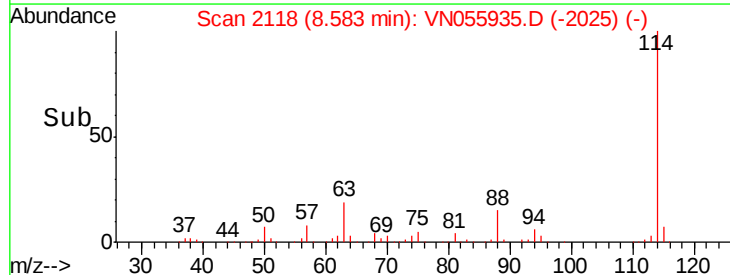
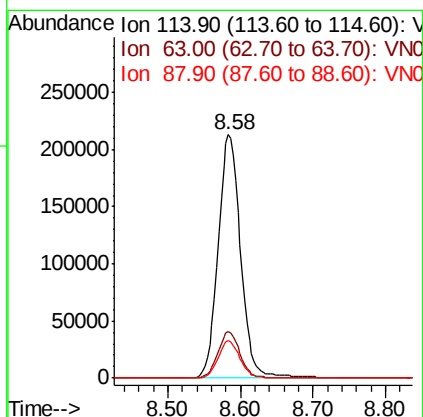
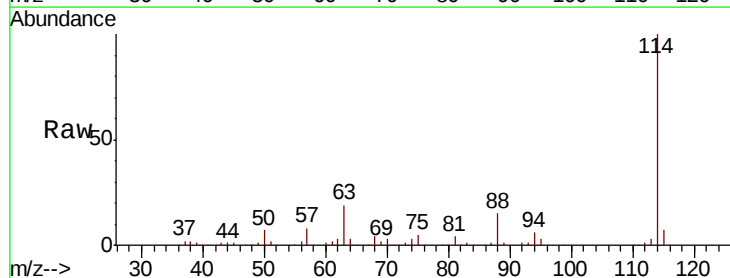
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

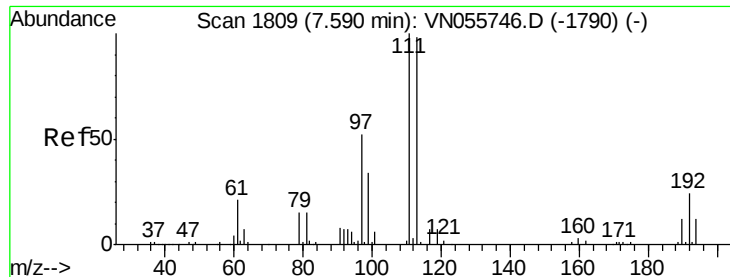
Tot Ion: 65 Resp: 166121
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 114 Resp: 457741
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.5 0.0 31.0

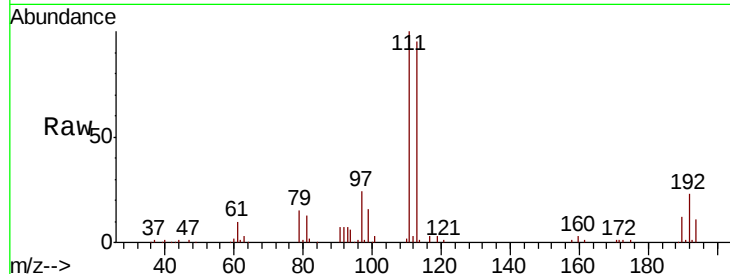




#35
 Dibromofluoromethane
 Concen: 49.495 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	23.2	19.5	29.3

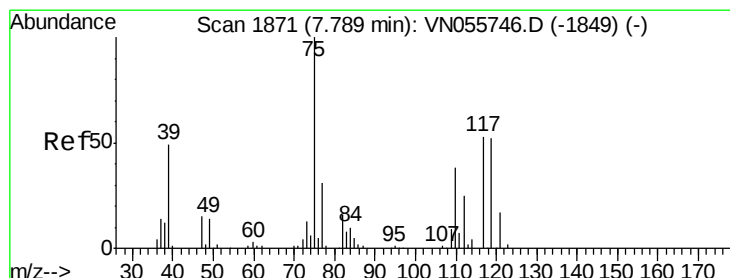
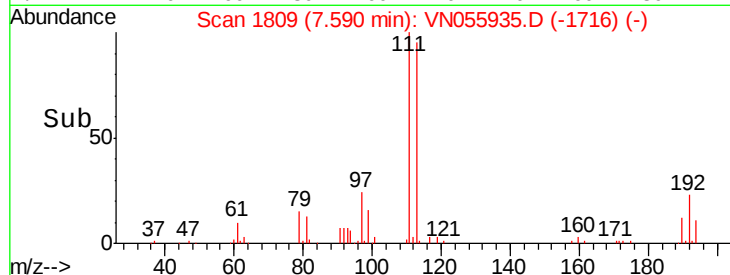
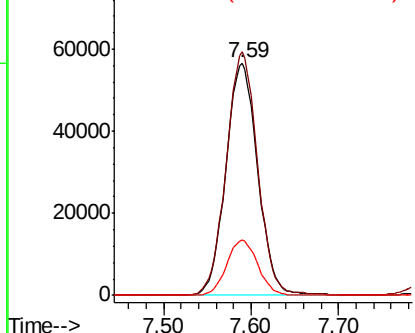


Abundance

Ion 112.80 (112.50 to 113.50): V

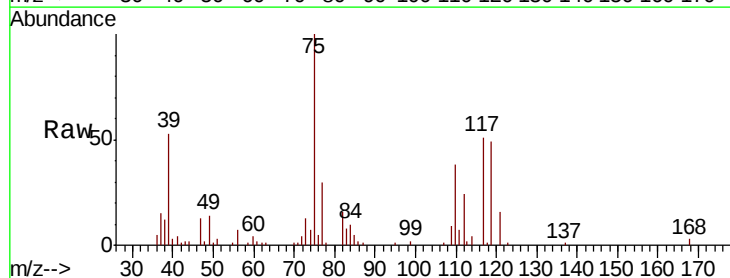
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 17.332 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.0	57.0
77	30.5	25.1	37.7

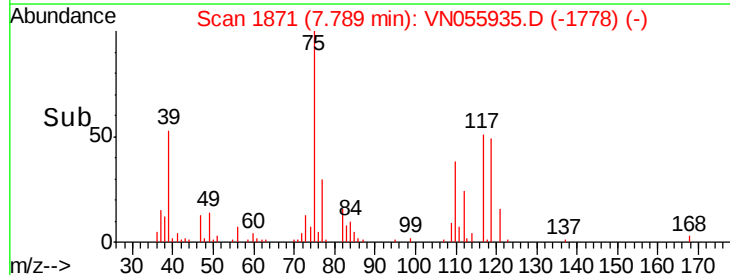
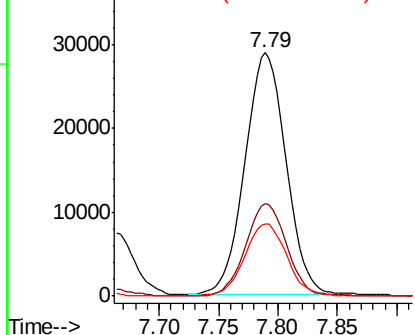


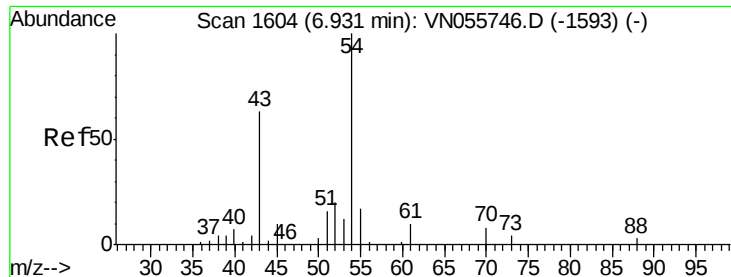
Abundance

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

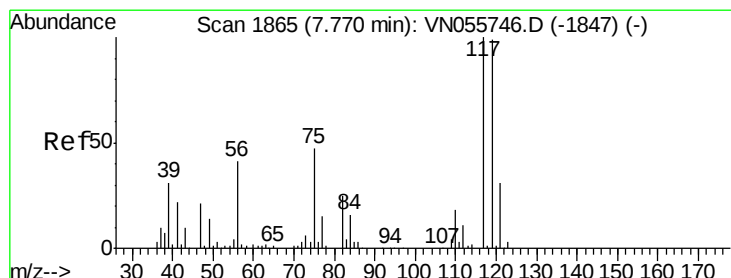
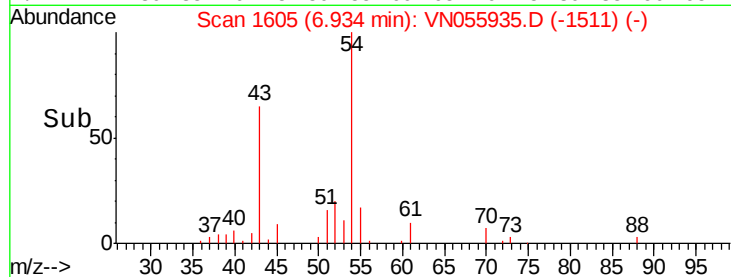
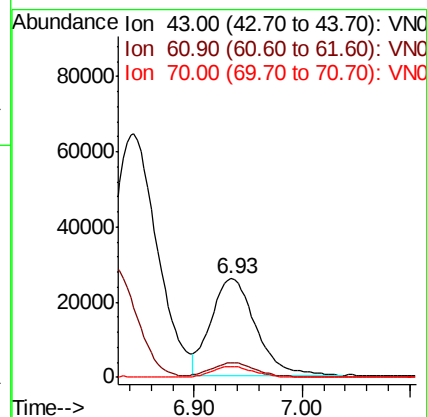
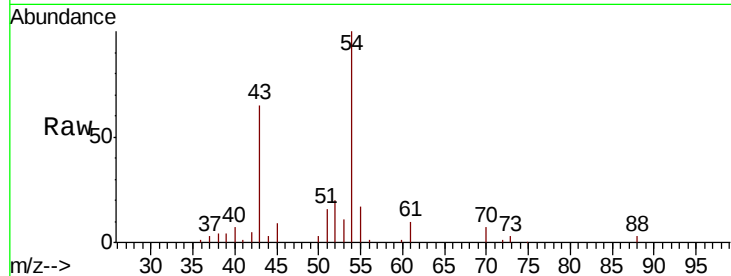




#37
Ethyl Acetate
Concen: 19.295 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

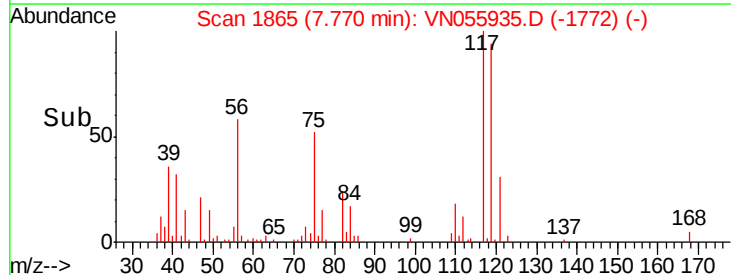
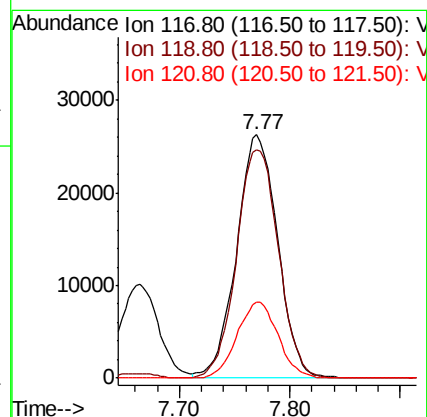
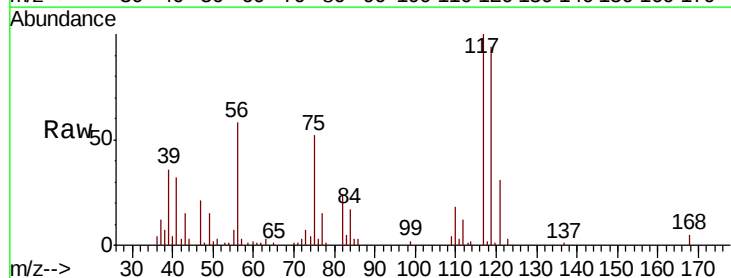
Instrument :
MSVOA_N
ClientSampleID :
VN0531WBS02

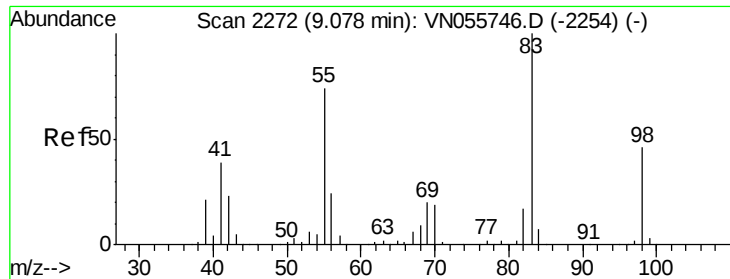
Tot Ion: 43 Resp: 74390
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 10.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 16.320 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 117 Resp: 67810
Ion Ratio Lower Upper
117 100
119 93.8 79.0 118.6
121 31.3 24.7 37.1

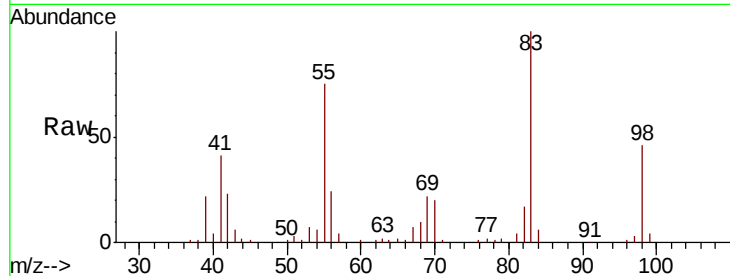




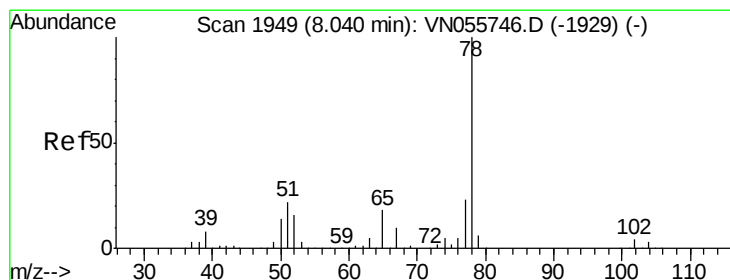
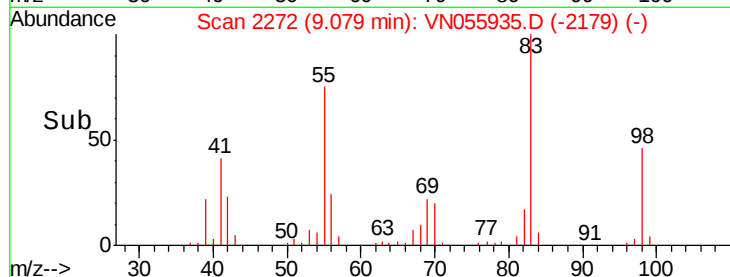
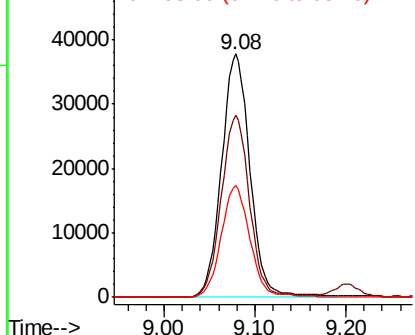
#39
Methvlcvclohexane
Concen: 16.690 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

Tot Ion: 83 Resp: 82442
Ion Ratio Lower Upper
83 100
55 74.7 59.3 88.9
98 46.0 36.6 54.8

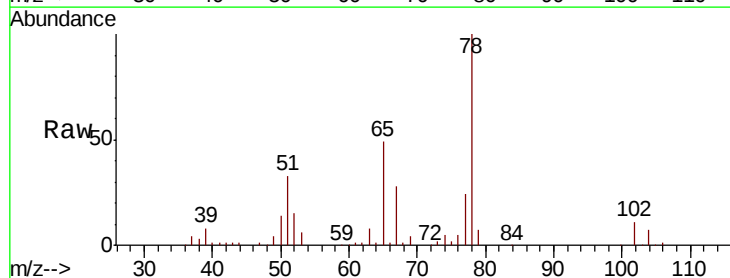


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

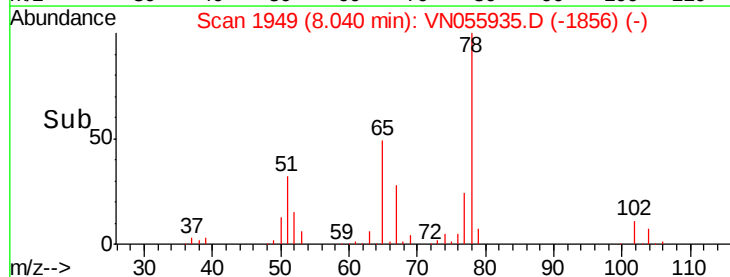
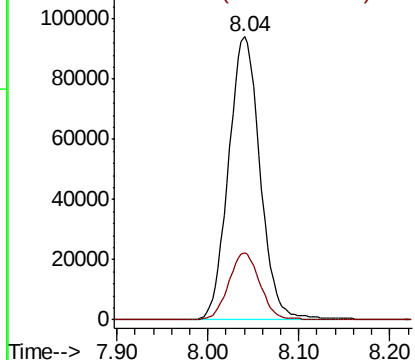


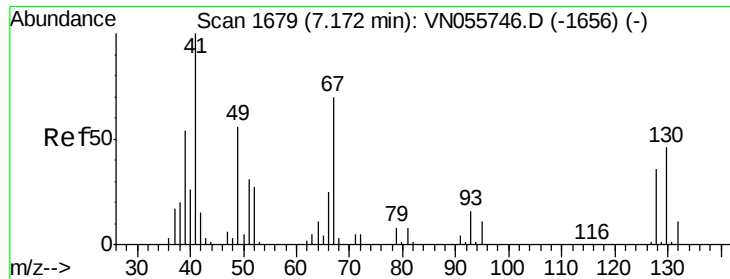
#40
Benzene
Concen: 18.923 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 78 Resp: 227501
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

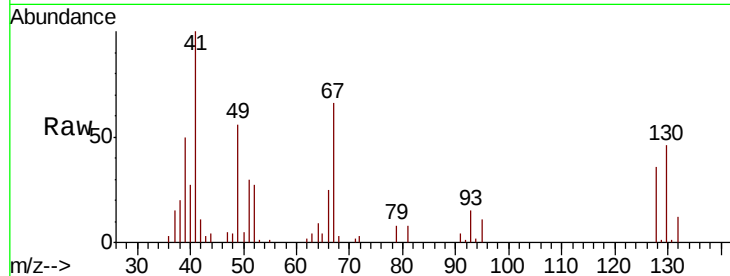




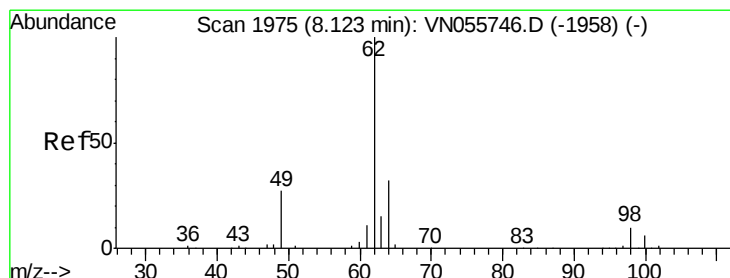
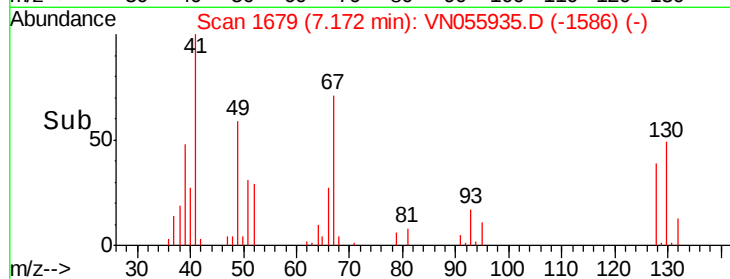
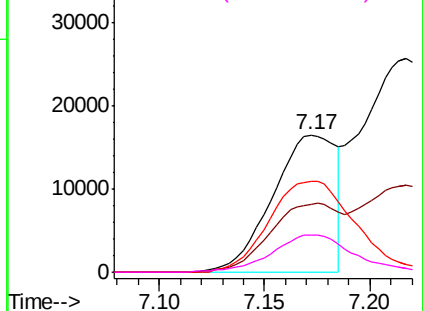
#41
Methacrylonitrile
Concen: 17.748 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

Tot Ion: 41 Resp: 34569
Ion Ratio Lower Upper
41 100
39 55.8 45.6 68.4
67 90.4 67.7 101.5
52 35.1 26.6 40.0

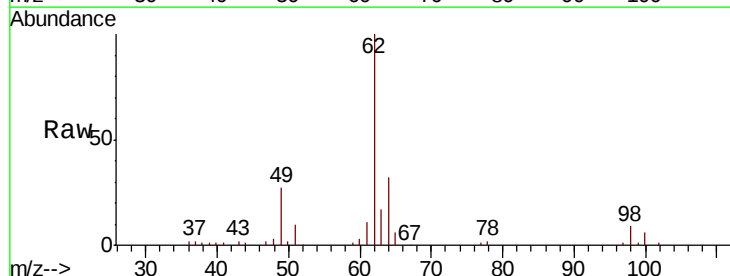


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

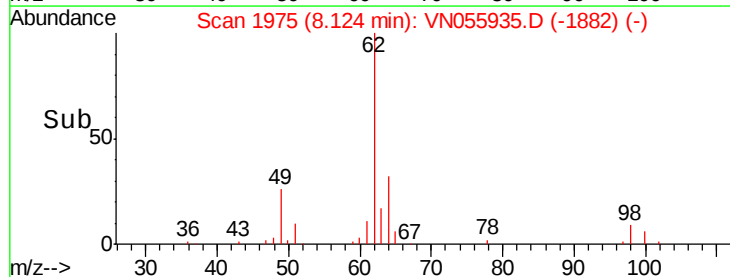
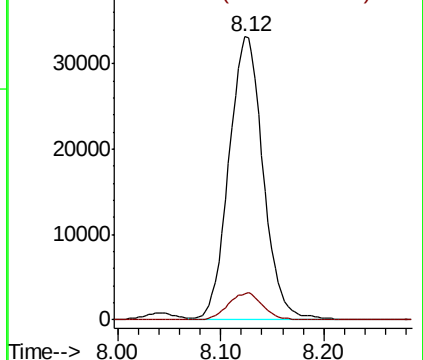


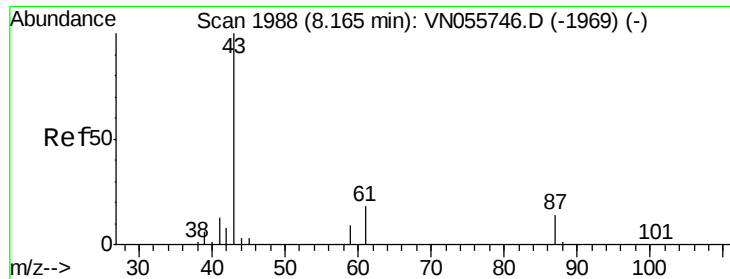
#42
1,2-Dichloroethane
Concen: 19.583 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 62 Resp: 76930
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 17.870 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

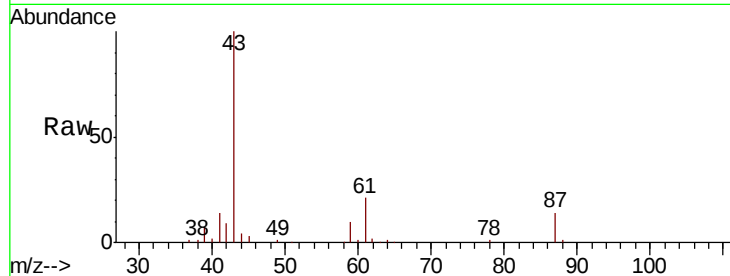
Tot Ion: 43 Resp: 115758

Ion Ratio Lower Upper

43 100

61 21.5 22.2 33.4#

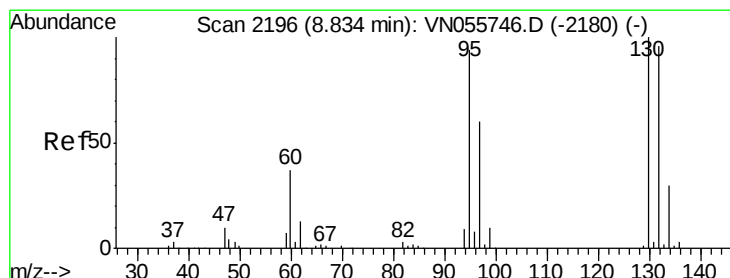
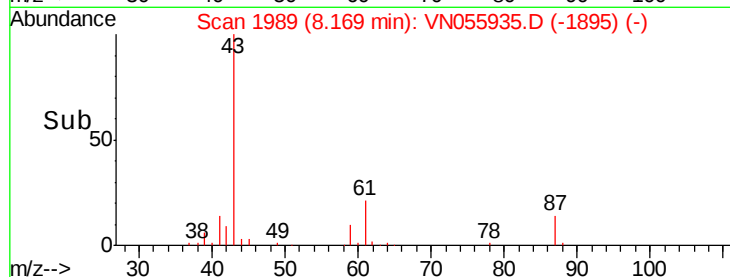
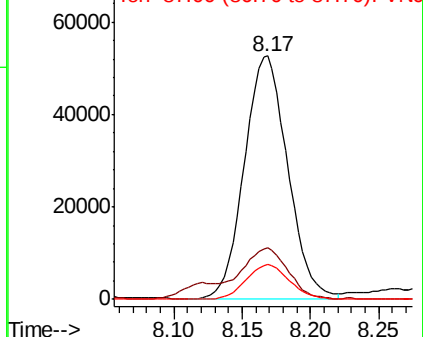
87 14.2 11.4 17.2



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) (-)



#44

Trichloroethene

Concen: 18.714 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055935.D

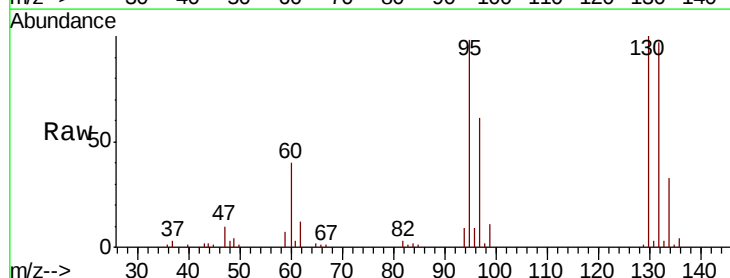
Acq: 31 May 2019 22:40

Tgt Ion:130 Resp: 62720

Ion Ratio Lower Upper

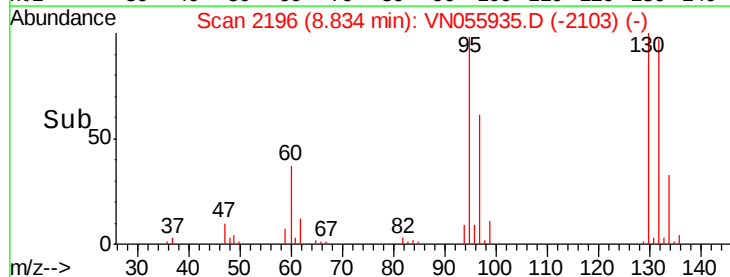
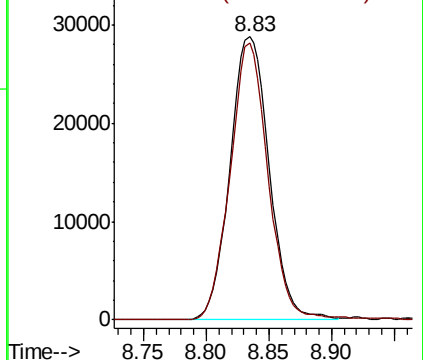
130 100

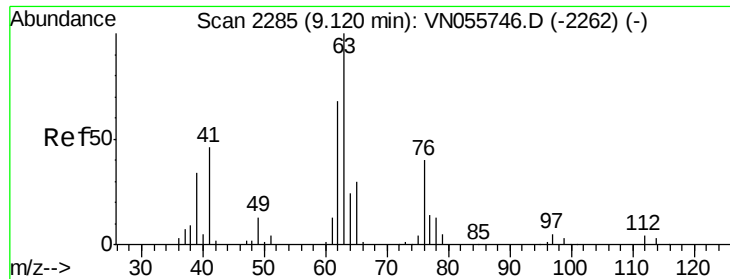
95 98.0 0.0 188.0



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

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

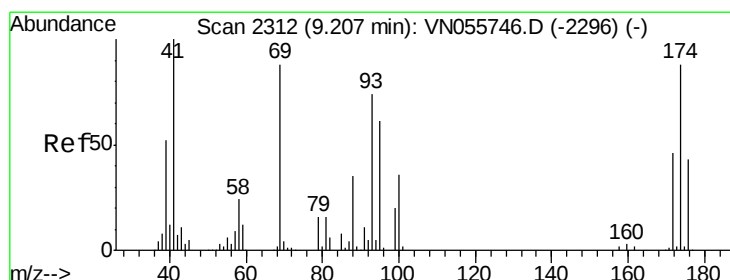
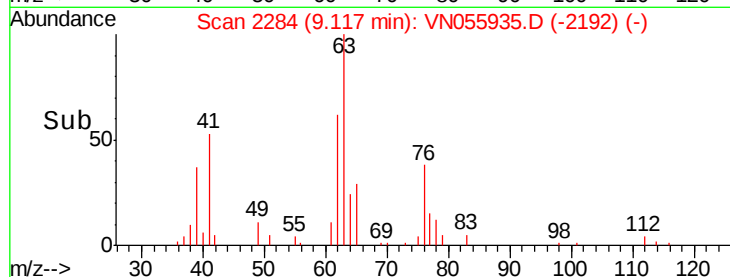
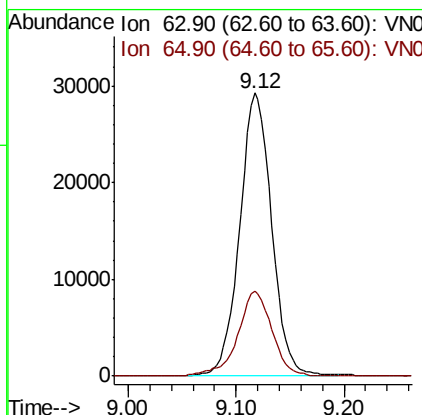
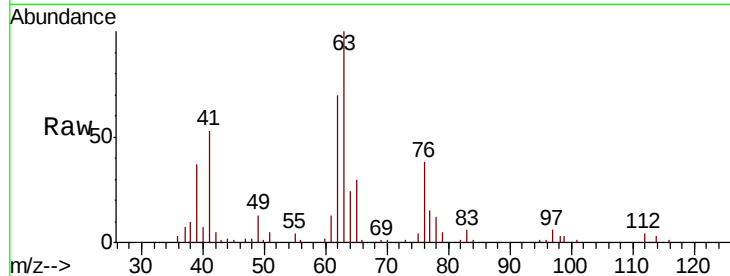




#45
 1,2-Dichloropropane
 Concen: 19.305 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

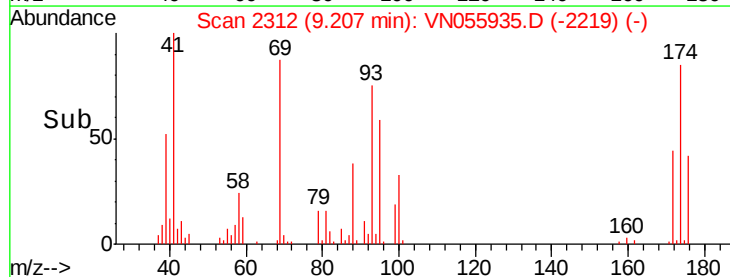
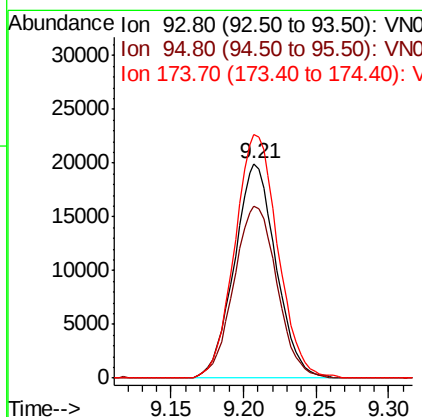
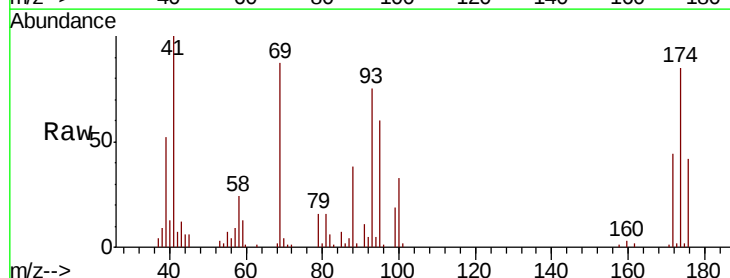
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

Tot Ion: 63 Resp: 60470
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 36.8



#46
 Dibromomethane
 Concen: 19.365 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 93 Resp: 39780
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 117.8 96.4 144.6





#47

Bromodichloromethane

Concen: 17.387 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

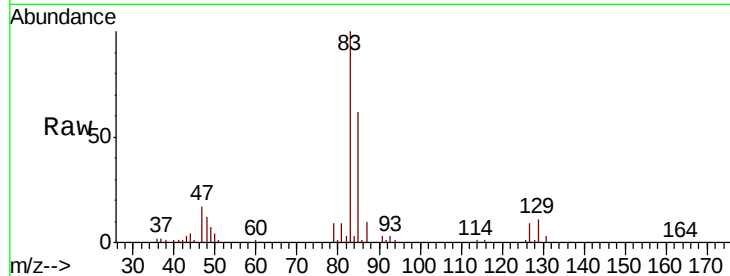
Tot Ion: 83 Resp: 73235

Ion Ratio Lower Upper

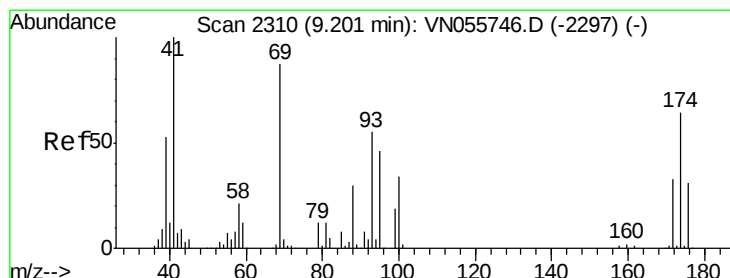
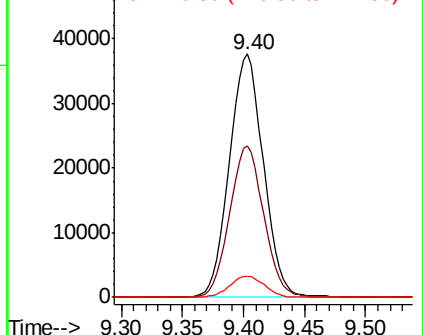
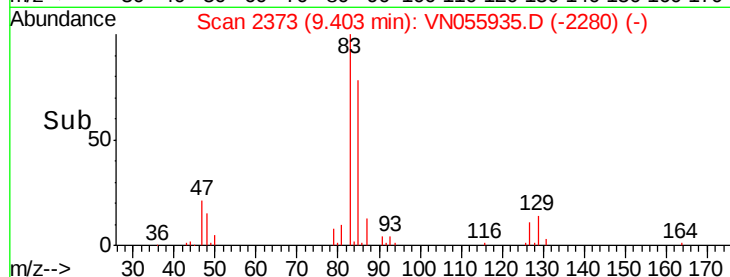
83 100

85 62.5 52.2 78.2

127 8.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055935.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.184 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

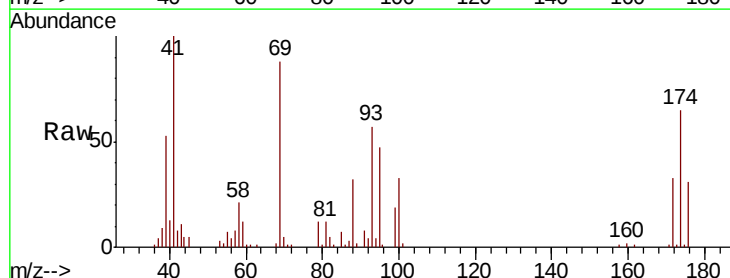
Tgt Ion: 41 Resp: 57272

Ion Ratio Lower Upper

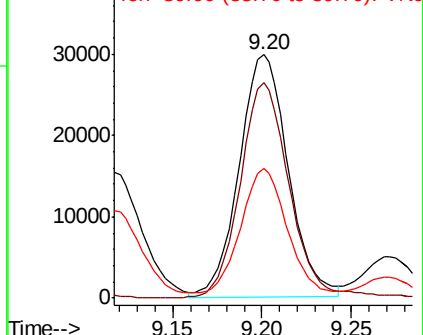
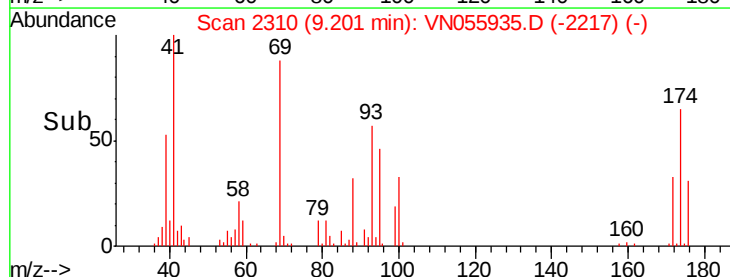
41 100

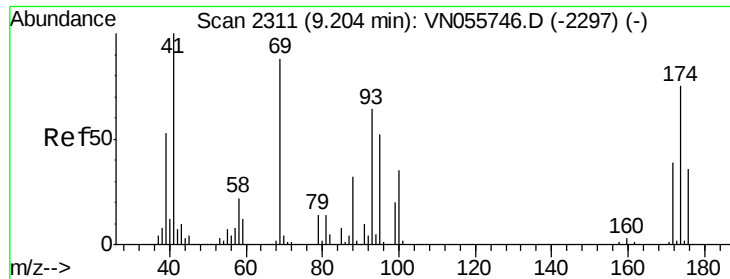
69 89.9 71.0 106.6

39 51.9 44.2 66.2



Abundance Ion 41.00 (40.70 to 41.70): VN055935.D (-2217) (-)





#49

1,4-Dioxane

Concen: 407.014 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

VN0531WBS02

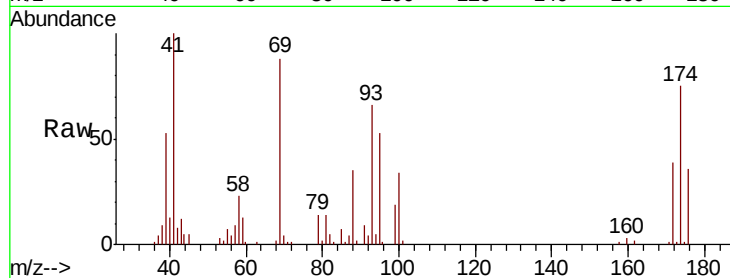
Tot Ion: 88 Resp: 25251

Ion Ratio Lower Upper

88 100

43 25.5 20.5 30.7

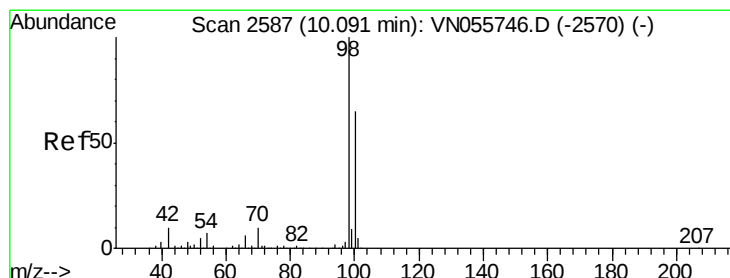
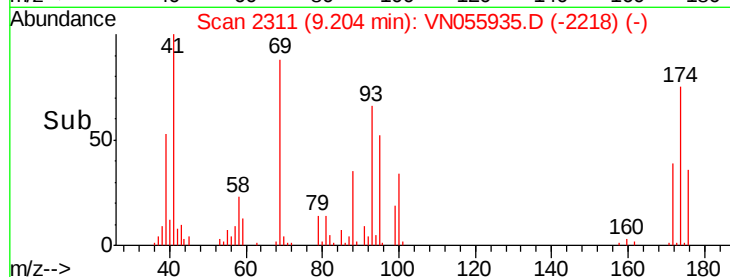
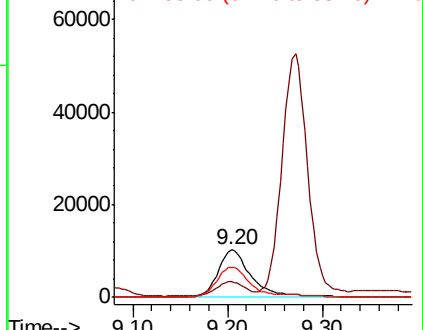
58 61.8 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.034 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055935.D

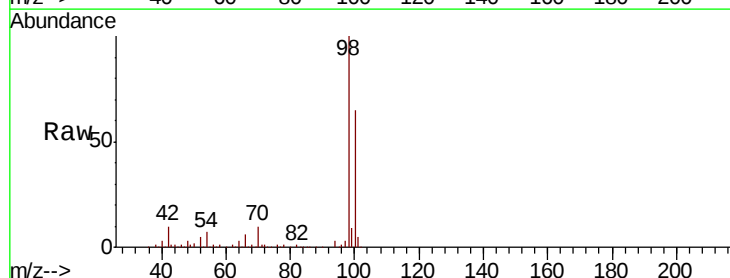
Acq: 31 May 2019 22:40

Tgt Ion: 98 Resp: 544327

Ion Ratio Lower Upper

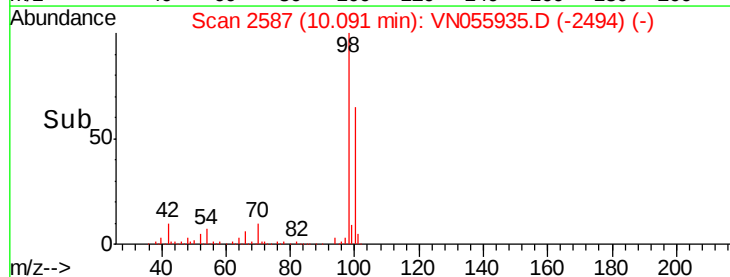
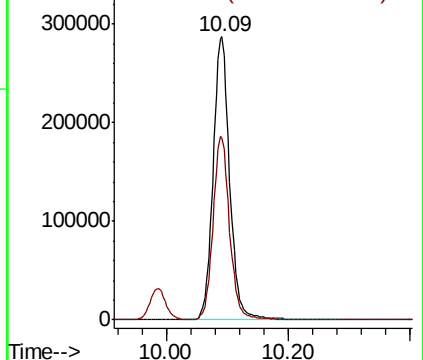
98 100

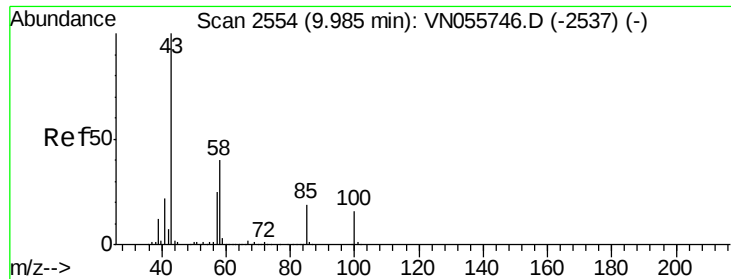
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 96.968 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

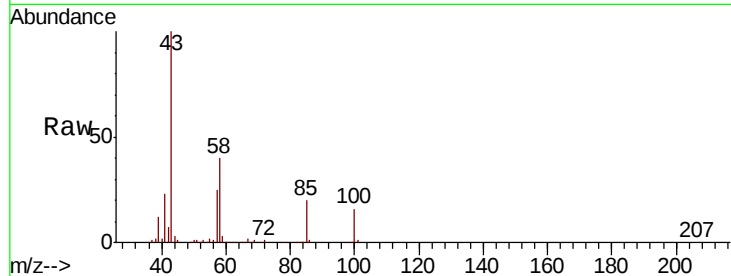
VN0531WBS02

Tot Ion: 43 Resp: 370977

Ion Ratio Lower Upper

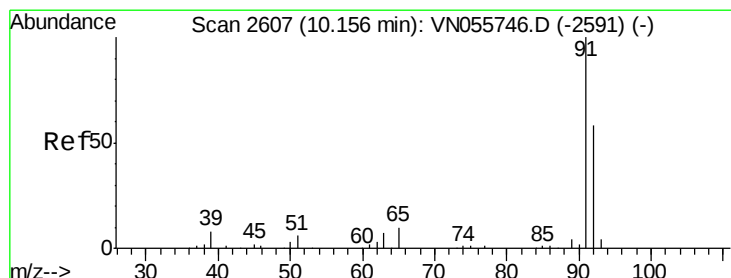
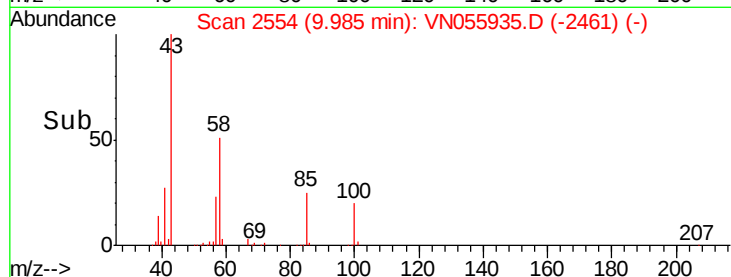
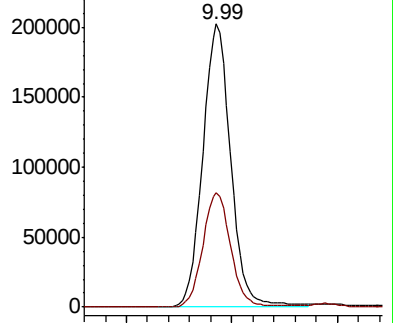
43 100

58 40.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.740 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055935.D

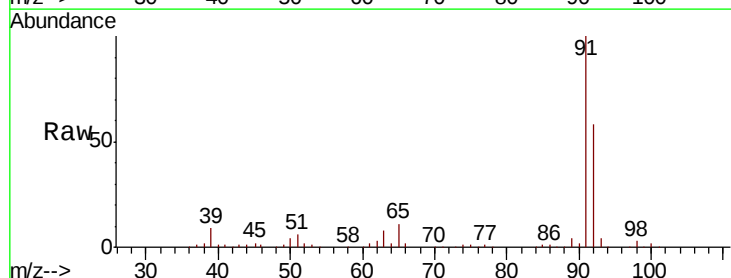
Acq: 31 May 2019 22:40

Tgt Ion: 92 Resp: 141693

Ion Ratio Lower Upper

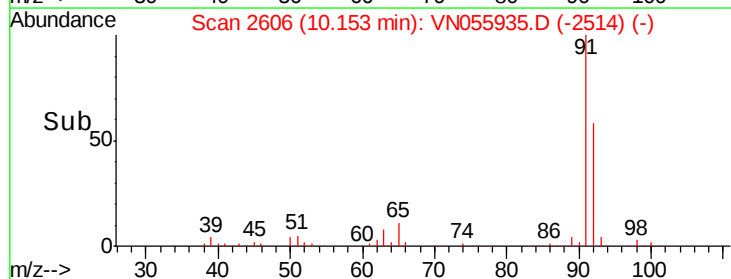
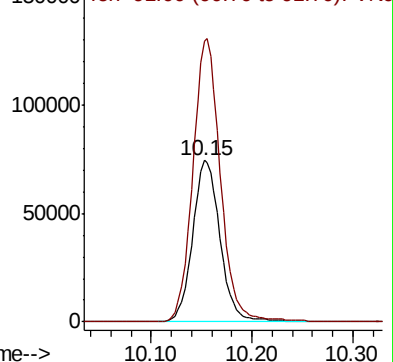
92 100

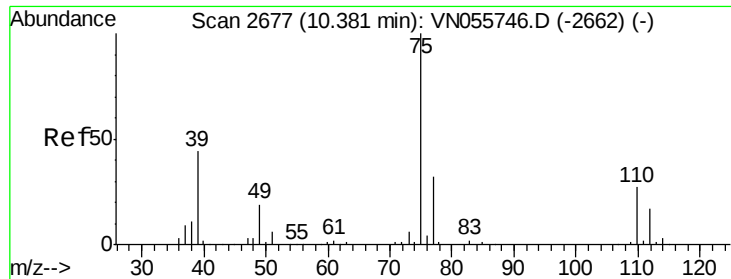
91 176.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 15.634 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

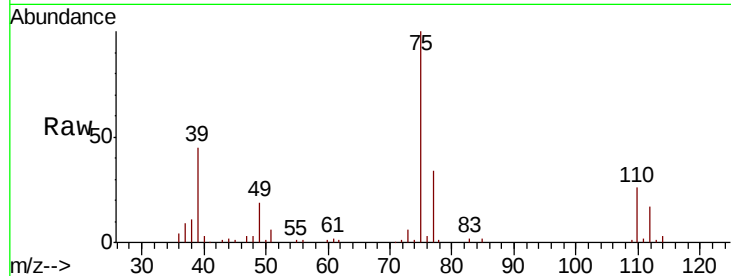
VN0531WBS02

Tot Ion: 75 Resp: 70292

Ion Ratio Lower Upper

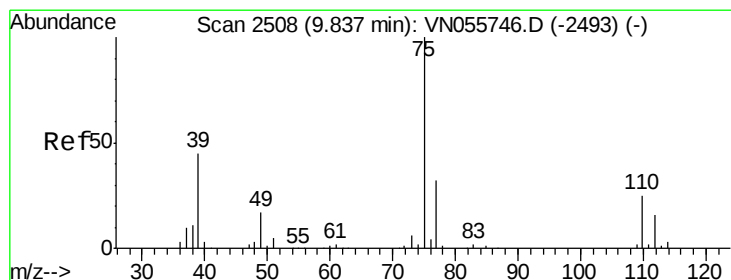
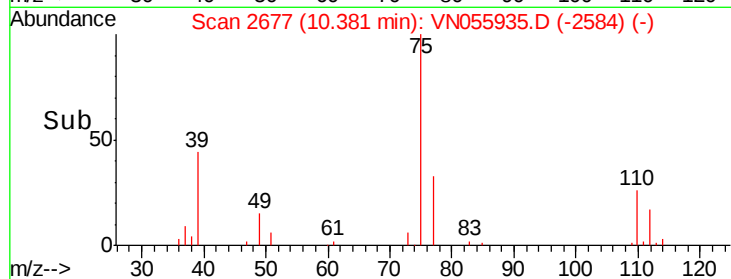
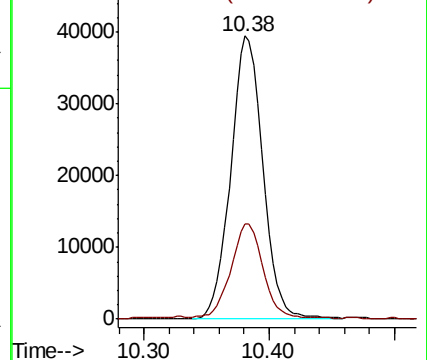
75 100

77 33.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 16.602 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

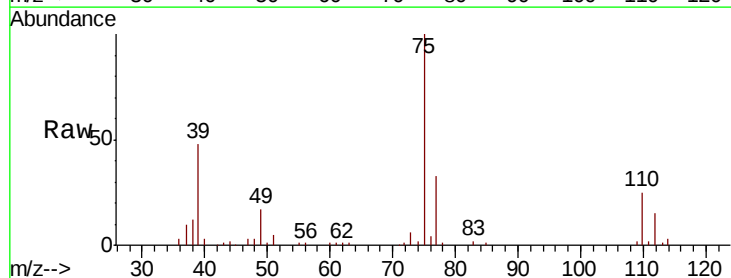
Tgt Ion: 75 Resp: 82691

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

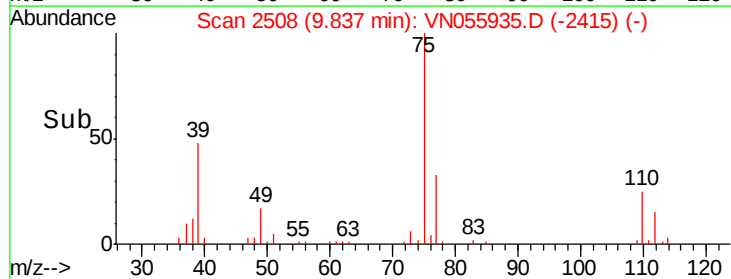
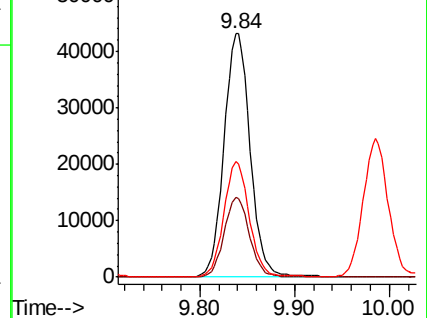
39 47.5 36.3 54.5

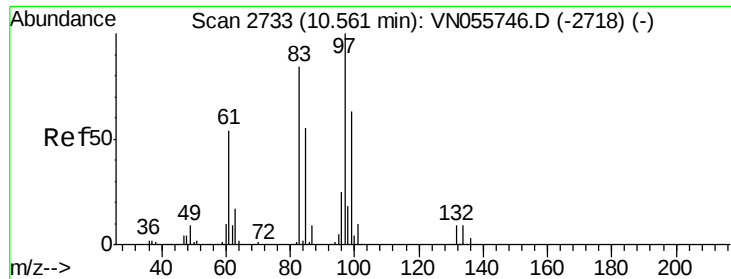


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.411 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

VN0531WBS02

Tot Ion: 97 Resp: 58798

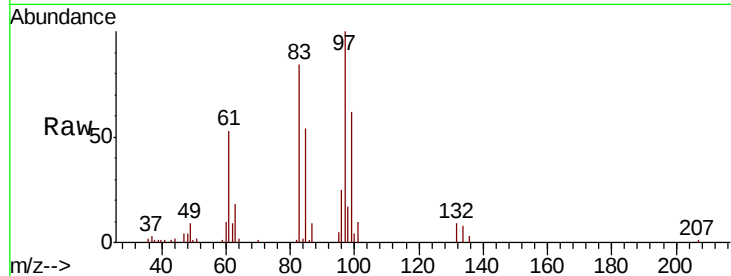
Ion Ratio Lower Upper

97 100

83 84.1 67.0 100.6

85 54.1 44.0 66.0

99 62.1 50.6 75.8

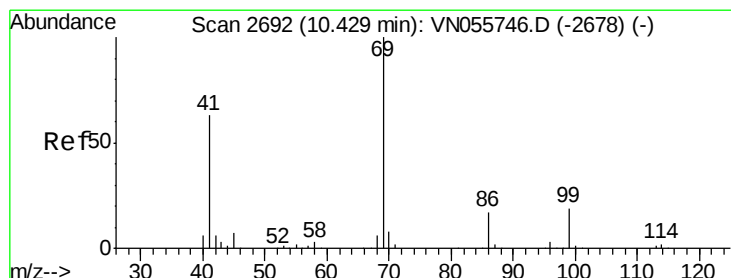
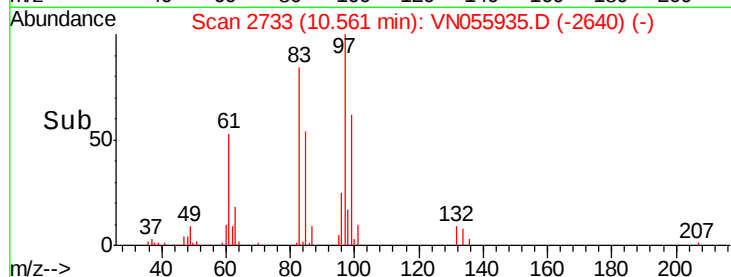
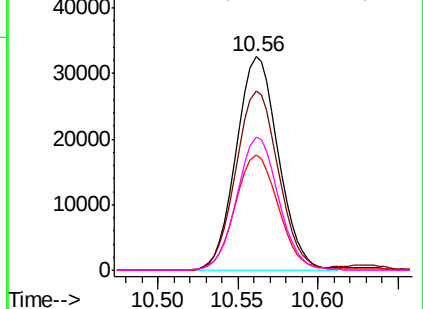


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.508 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

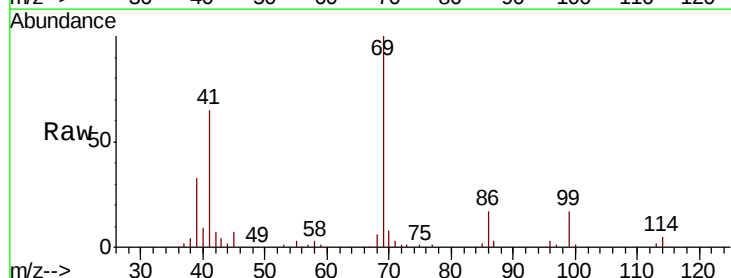
Tgt Ion: 69 Resp: 86641

Ion Ratio Lower Upper

69 100

41 64.0 49.7 74.5

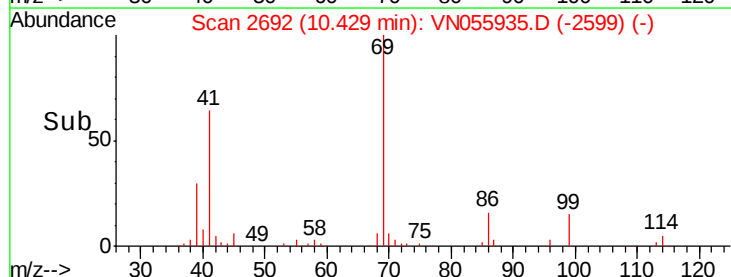
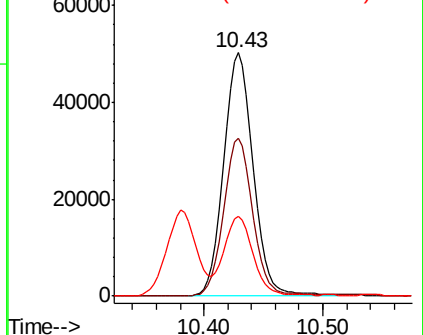
39 31.6 24.7 37.1

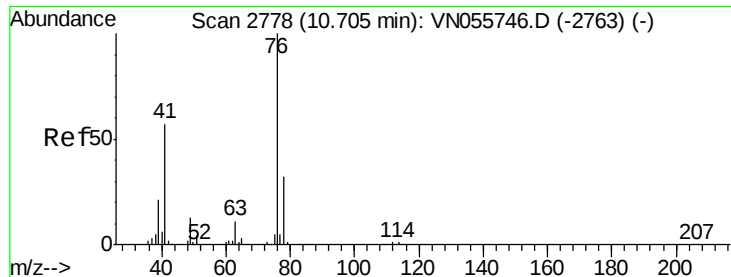


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

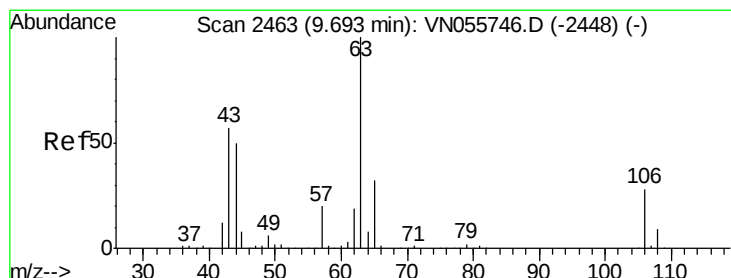
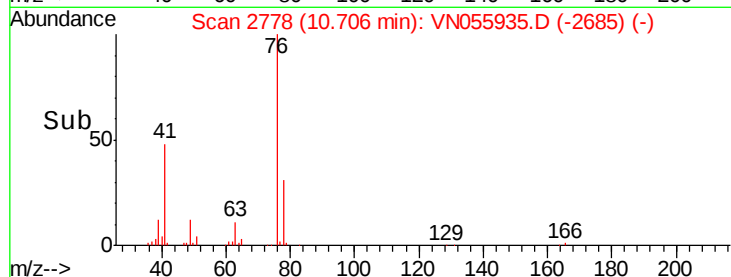
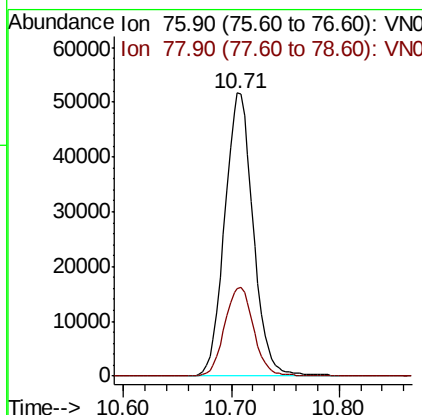
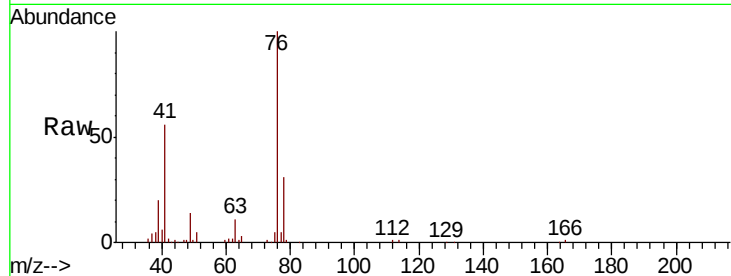




#57
 1,3-Dichloropropane
 Concen: 19.330 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

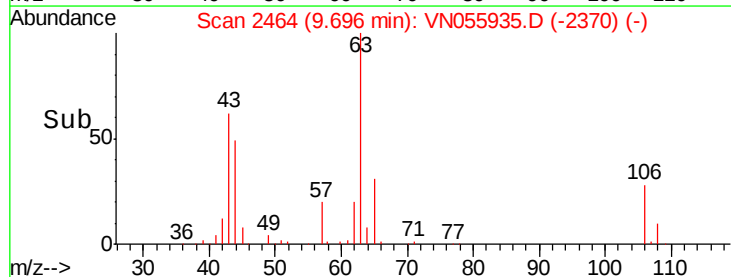
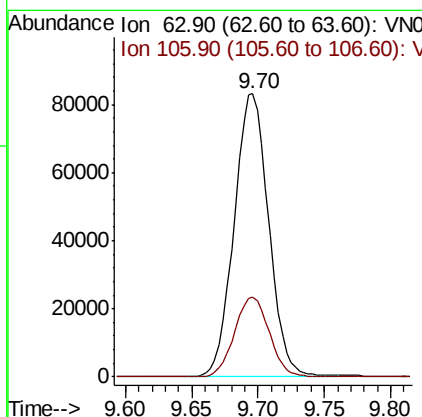
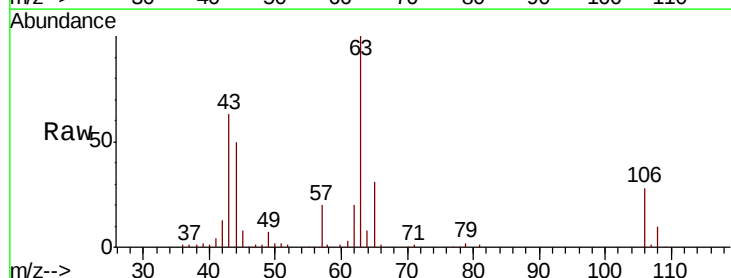
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

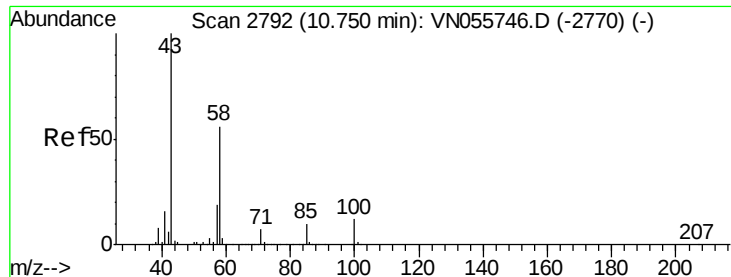
Tot Ion: 76 Resp: 95172
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.205 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 63 Resp: 150644
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.7 34.1

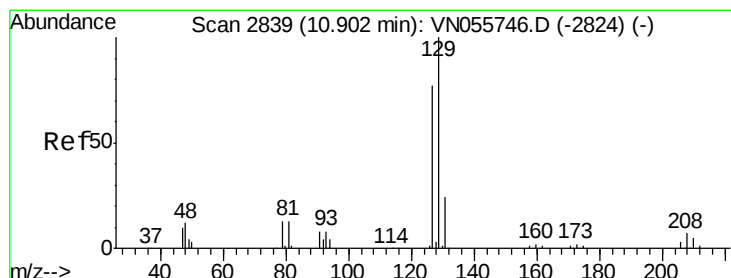
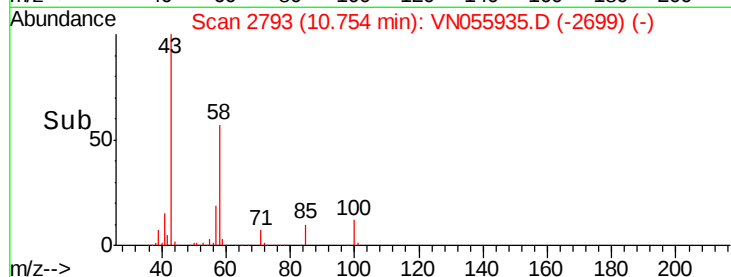
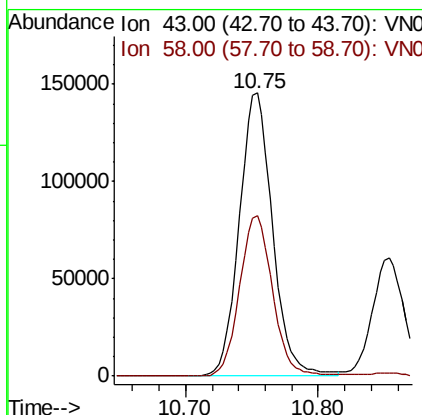
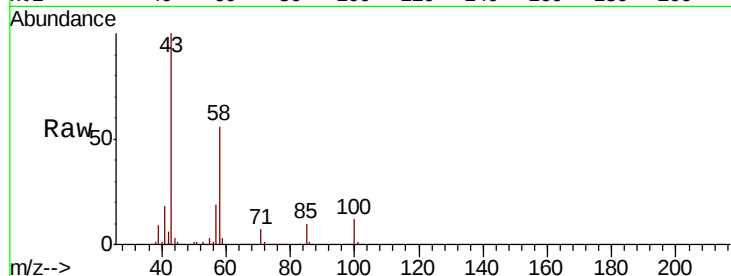




#59
2-Hexanone
Concen: 92.995 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

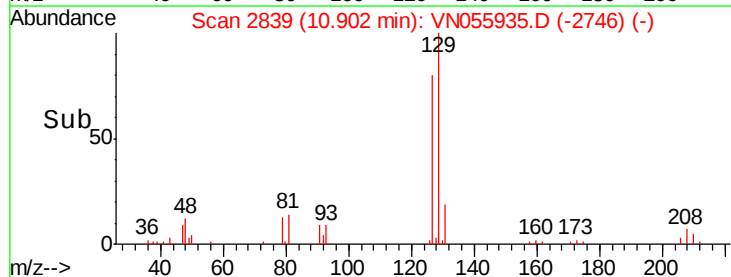
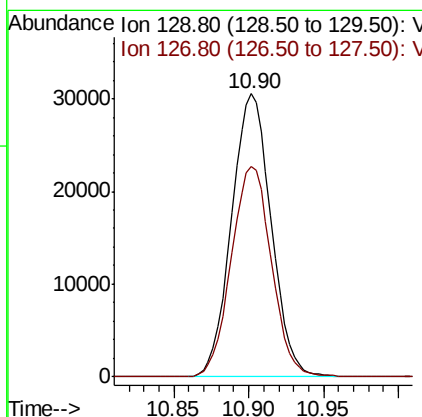
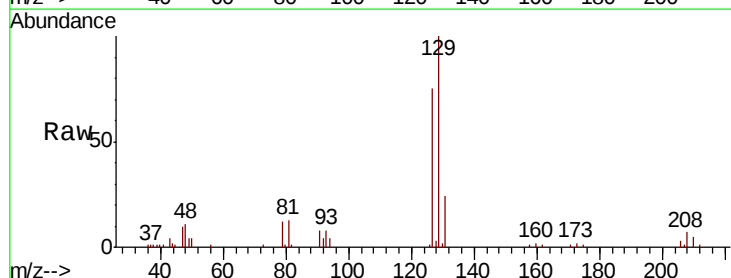
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

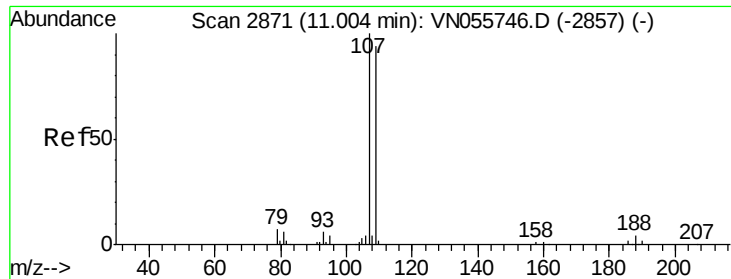
Tot Ion: 43 Resp: 252391
Ion Ratio Lower Upper
43 100
58 56.8 28.2 84.7



#60
Dibromochloromethane
Concen: 15.923 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 129 Resp: 56188
Ion Ratio Lower Upper
129 100
127 75.4 38.1 114.3

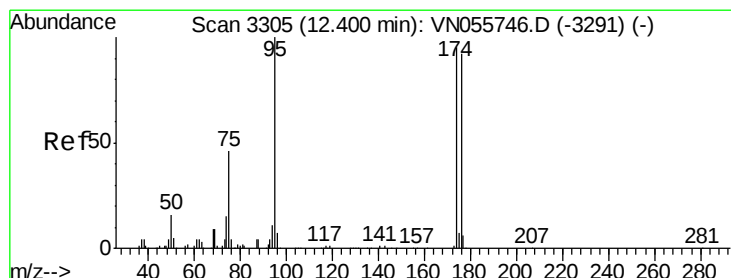
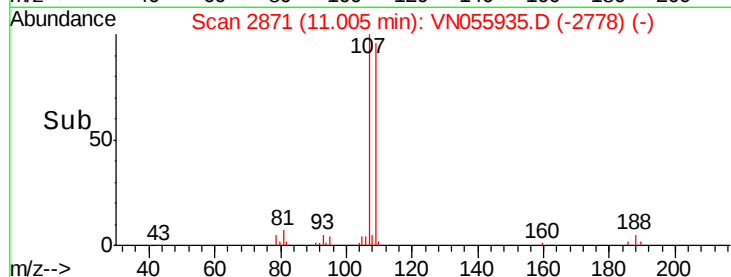
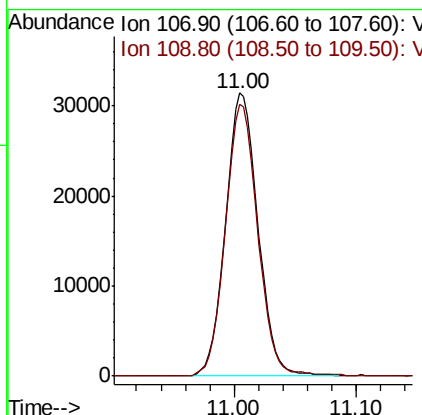
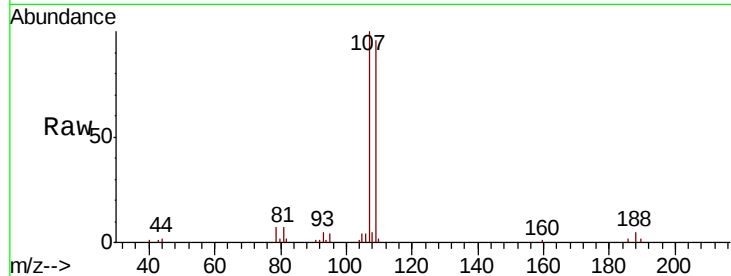




#61
 1,2-Dibromoethane
 Concen: 18.543 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

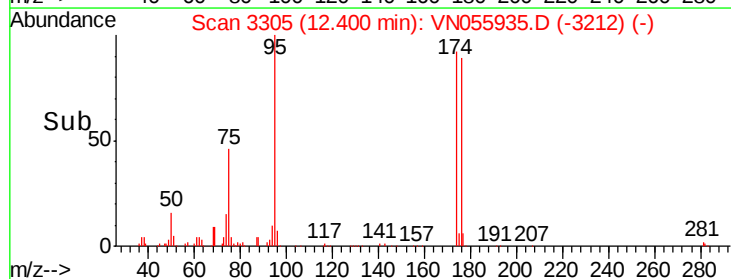
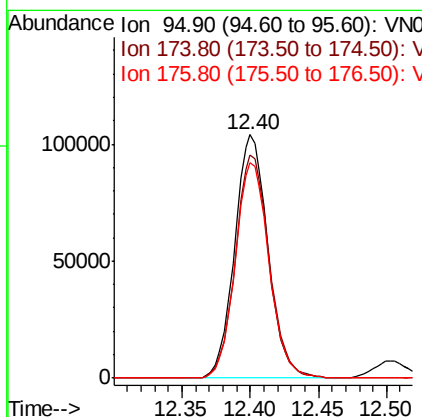
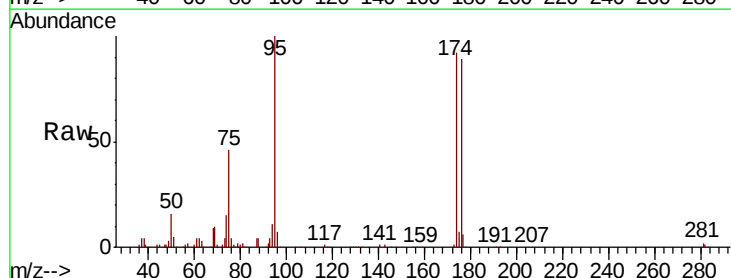
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

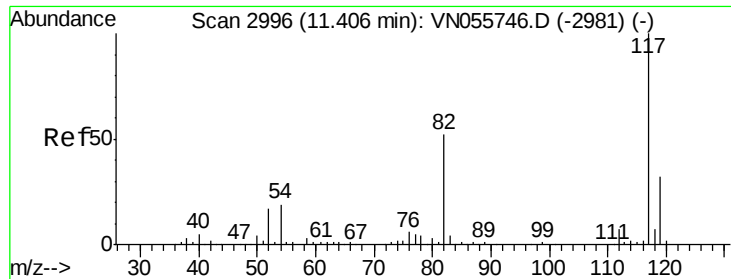
Tot Ion:107 Resp: 58261
 Ion Ratio Lower Upper
 107 100
 109 96.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.246 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion: 95 Resp: 176031
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 191.0
 176 89.9 0.0 185.2

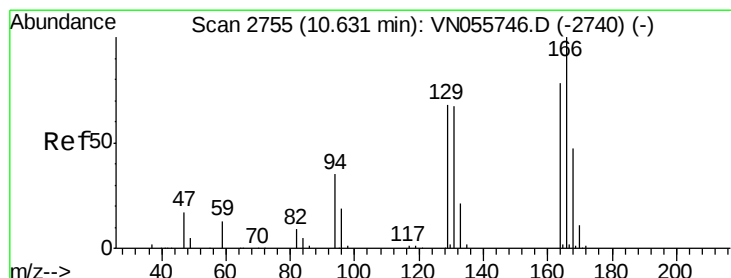
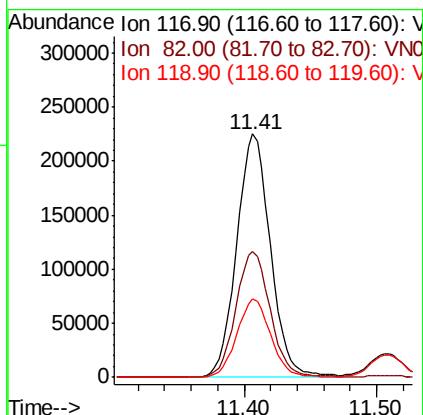
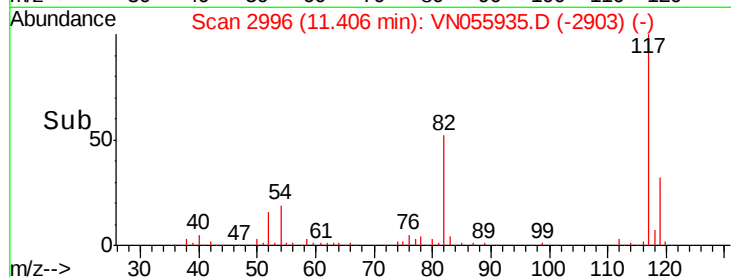
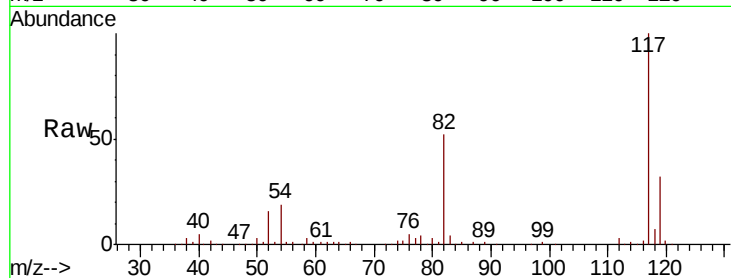




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

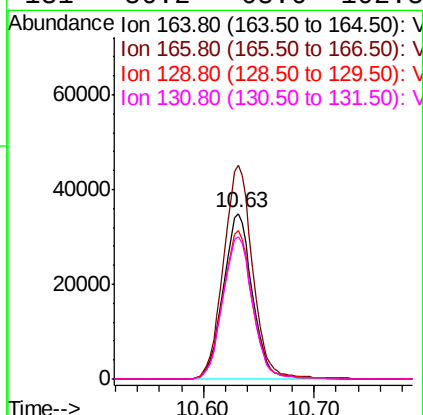
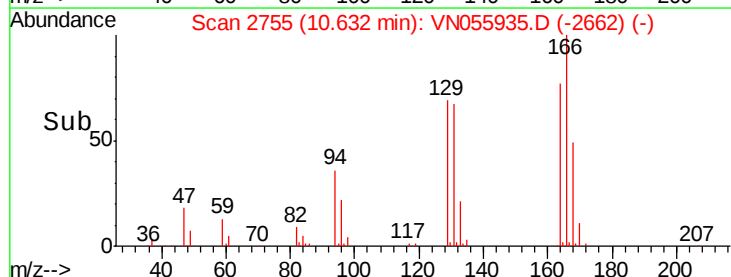
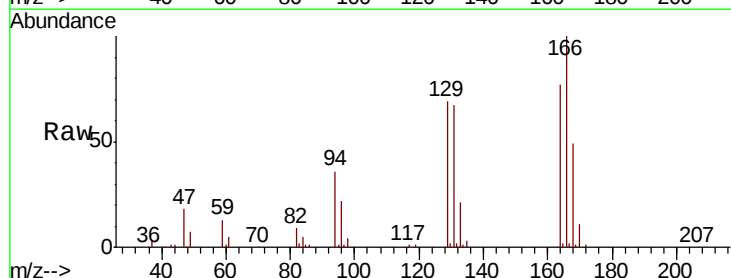
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

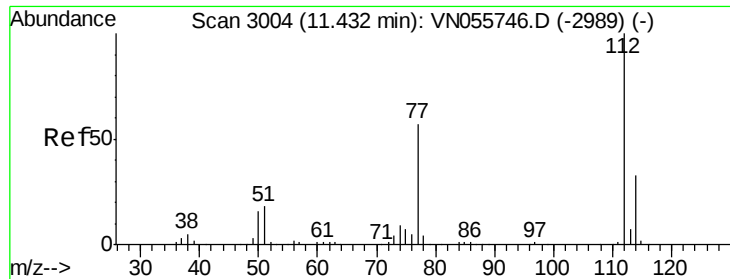
Tot Ion:117 Resp: 399497
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.014 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion:164 Resp: 64067
Ion Ratio Lower Upper
164 100
166 129.2 103.0 154.6
129 89.5 70.6 105.8
131 86.2 68.6 102.8

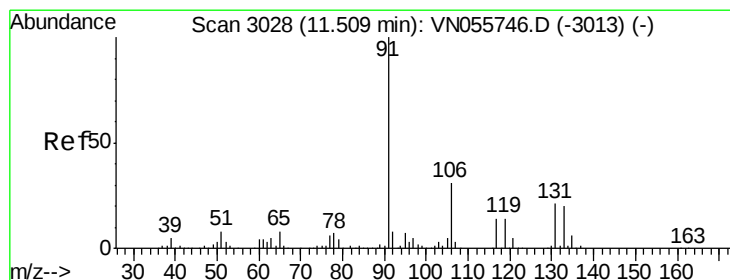
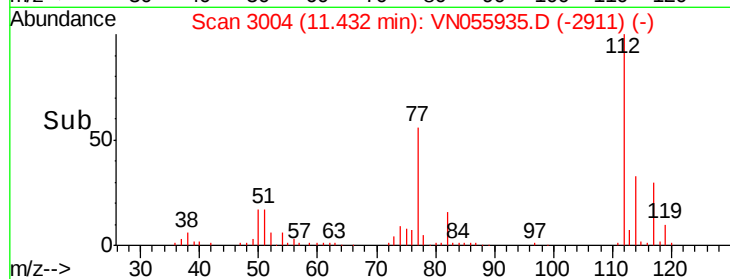
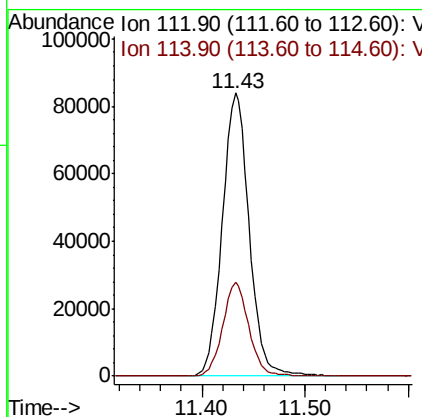
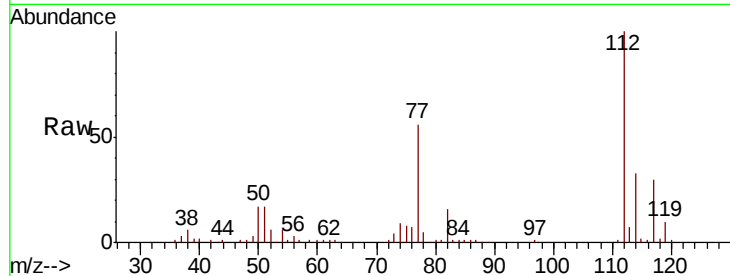




#65
Chlorobenzene
Concen: 19.039 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

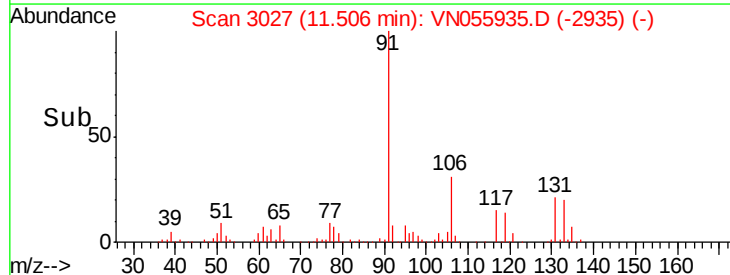
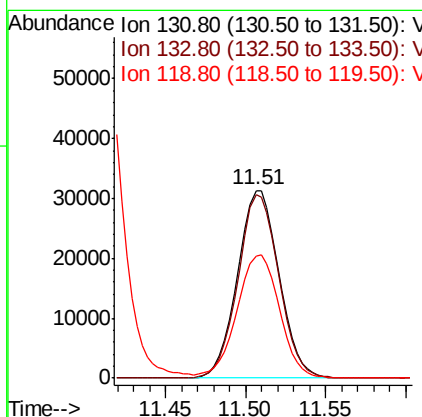
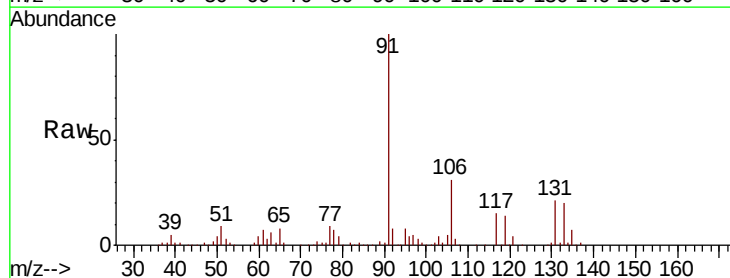
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

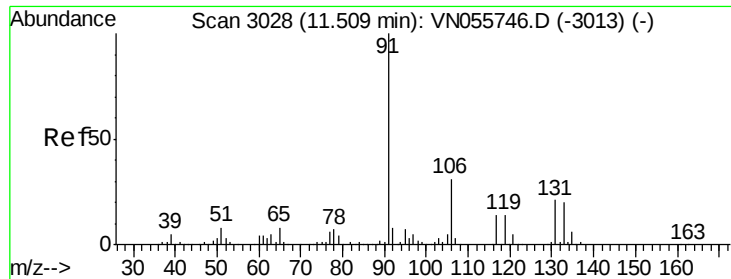
Tot Ion:112 Resp: 152263
Ion Ratio Lower Upper
112 100
114 33.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.350 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion:131 Resp: 55340
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 67.6 33.1 99.5

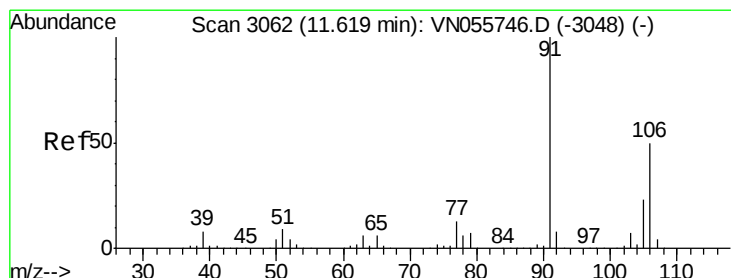
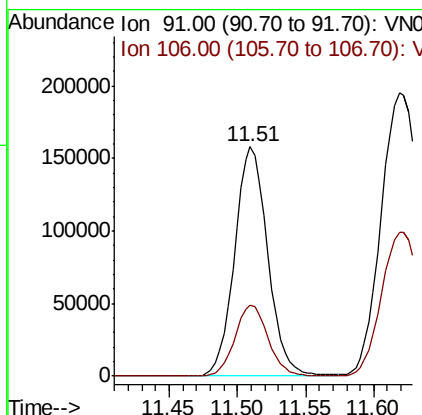
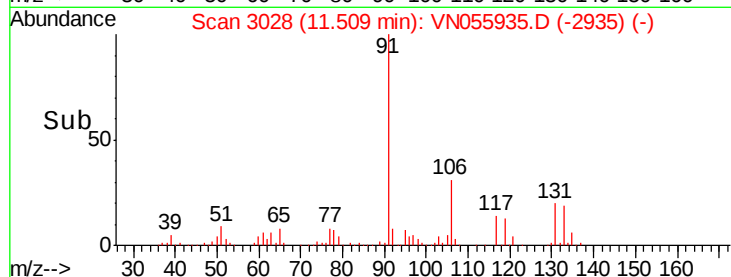
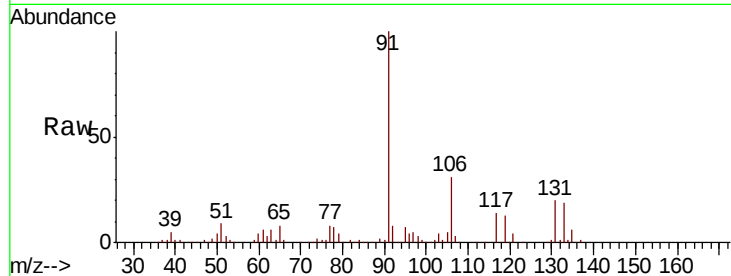




#67
Ethyl Benzene
Concen: 18.607 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

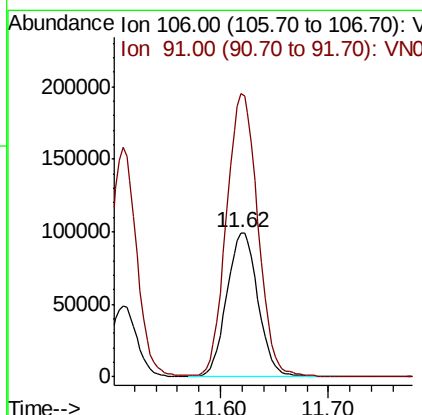
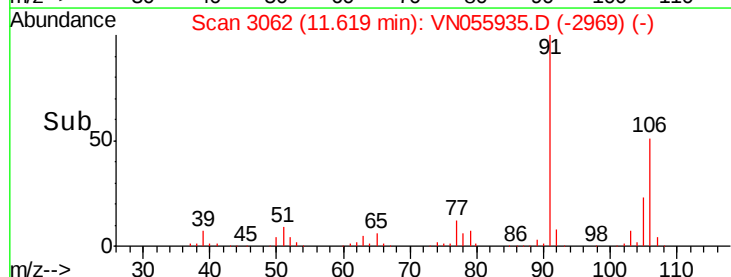
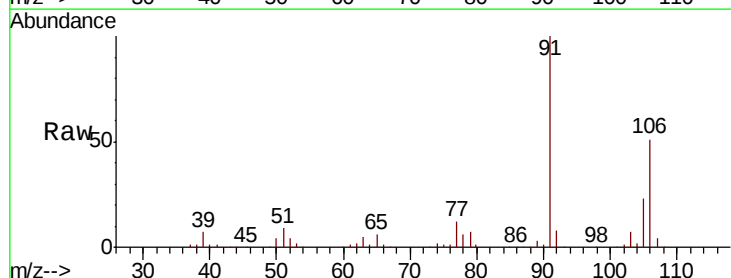
Instrument :
MSVOA_N
ClientSampled :
VN0531WBS02

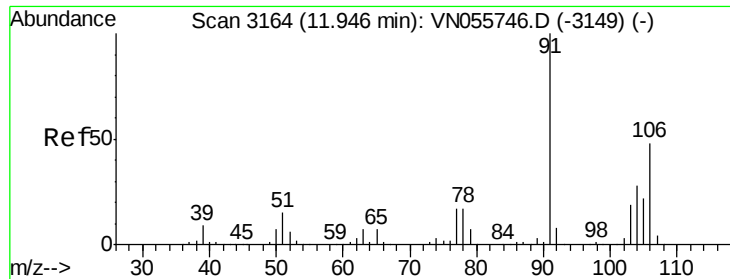
Tot Ion: 91 Resp: 266863
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 36.990 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion: 106 Resp: 200553
Ion Ratio Lower Upper
106 100
91 198.1 159.3 238.9

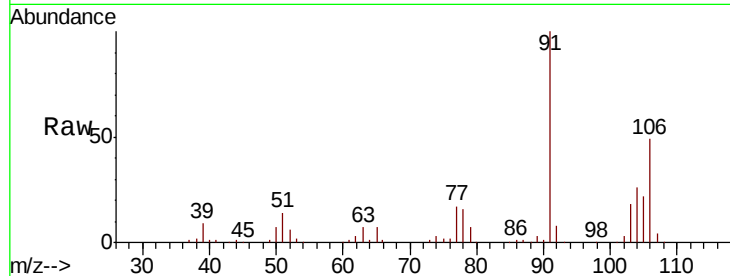




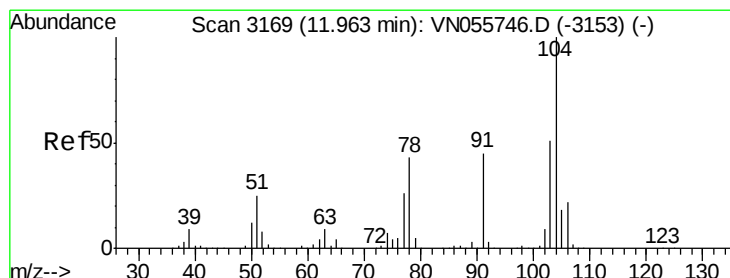
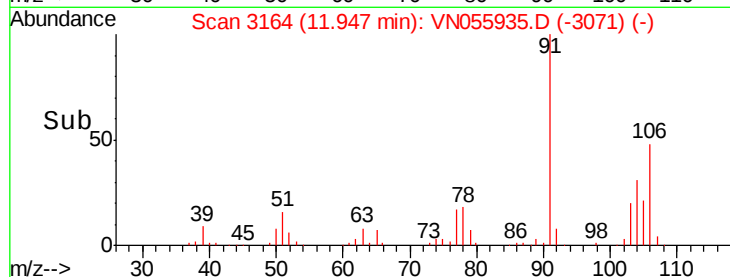
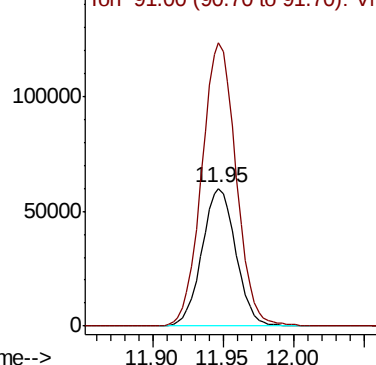
#69
o-Xylene
Concen: 18.736 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Instrument :
MSVOA_N
ClientSampled :
VN0531WBS02

Tot Ion:106 Resp: 100787
Ion Ratio Lower Upper
106 100
91 208.2 104.7 314.1

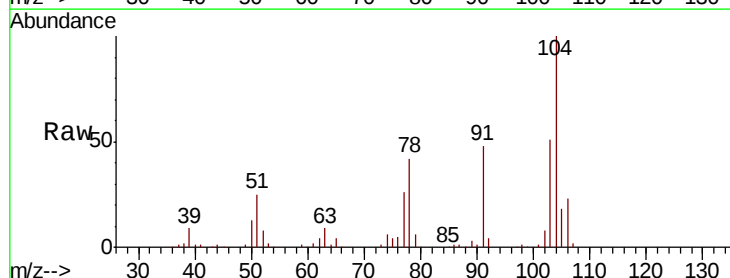


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

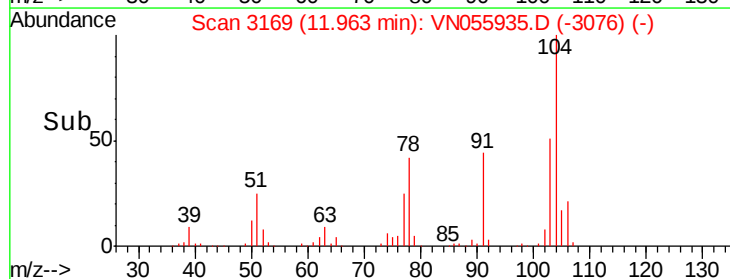
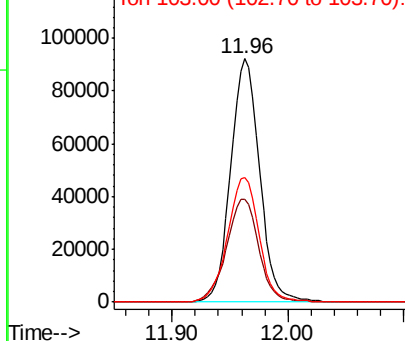


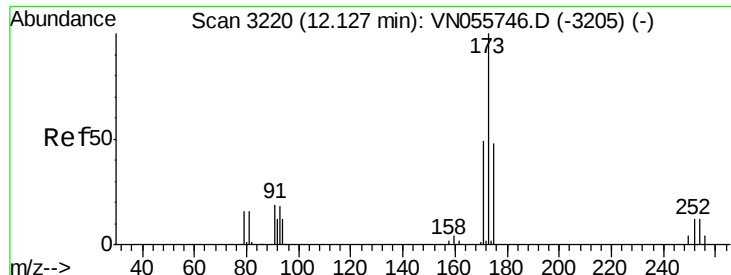
#70
Styrene
Concen: 18.310 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion:104 Resp: 159503
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.8 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

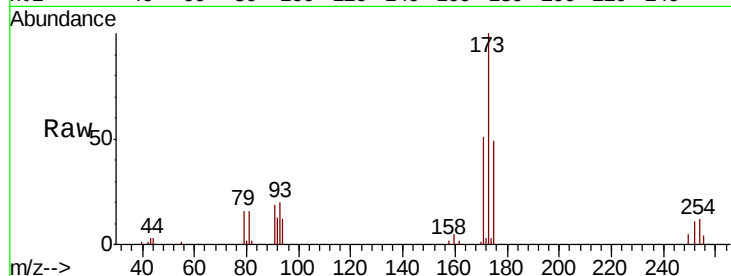




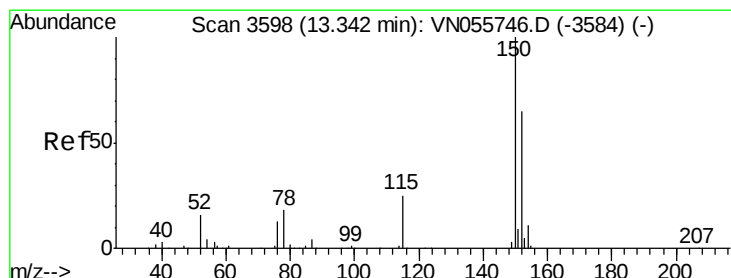
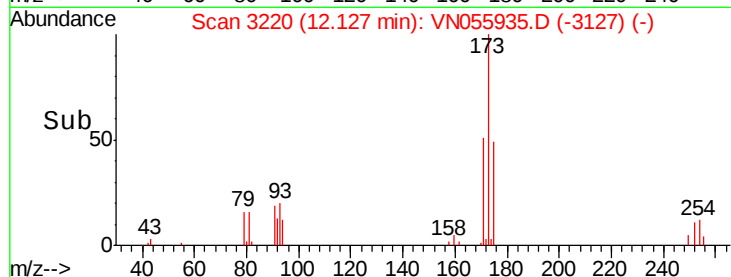
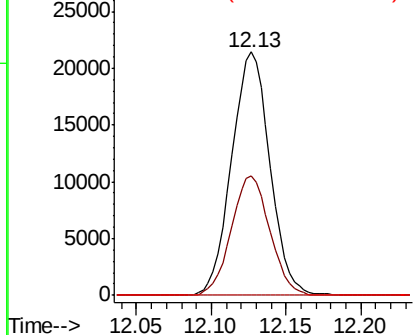
#71
Bromoform
Concen: 14.055 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

Tot Ion:173 Resp: 38239
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.0 0.0 0.0

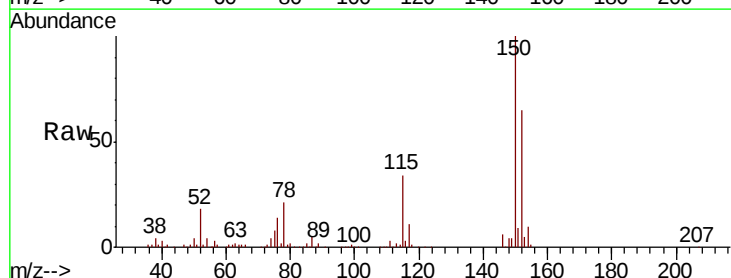


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

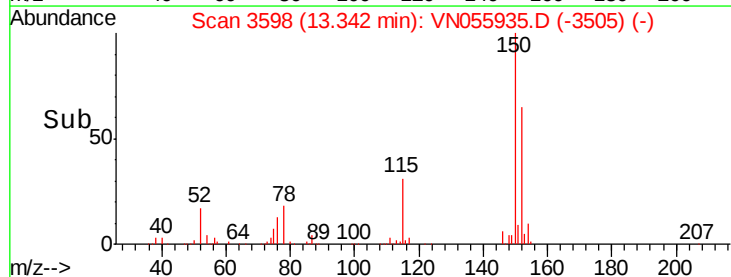
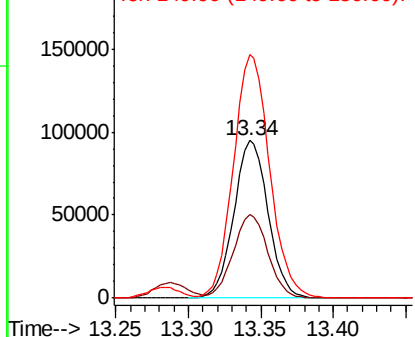


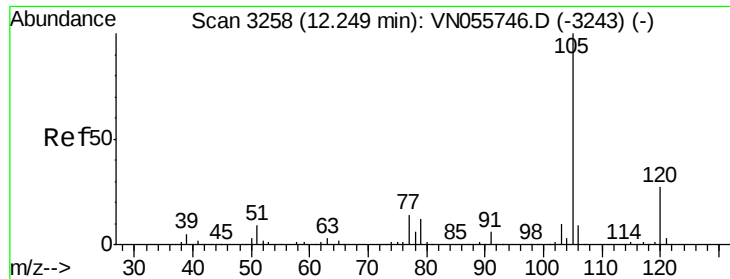
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Tgt Ion:152 Resp: 155552
Ion Ratio Lower Upper
152 100
115 53.9 27.0 81.0
150 163.4 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: 22.434 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

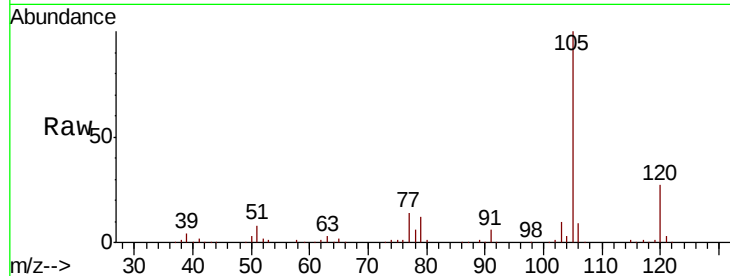
VN0531WBS02

Tot Ion:105 Resp: 264497

Ion Ratio Lower Upper

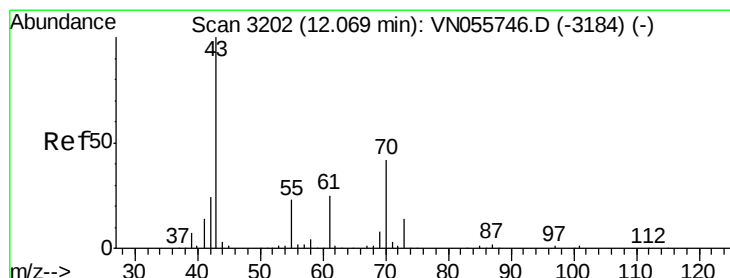
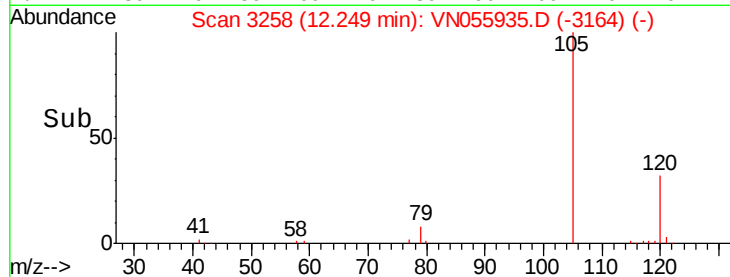
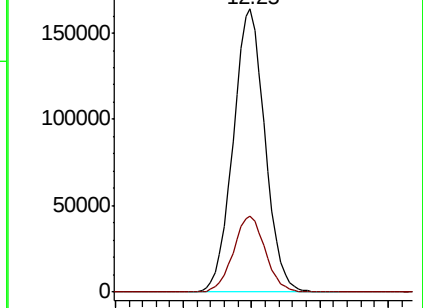
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.394 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Tgt Ion: 43 Resp: 91585

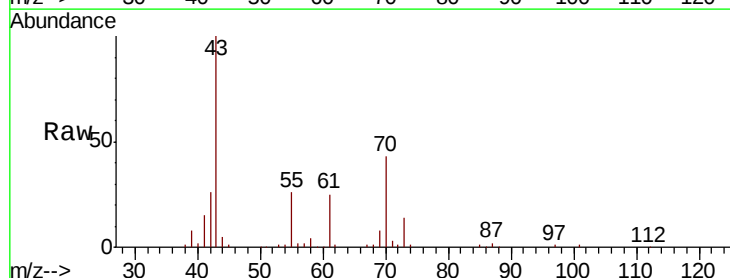
Ion Ratio Lower Upper

43 100

70 42.4 34.0 51.0

55 25.5 18.6 28.0

61 24.2 20.0 30.0

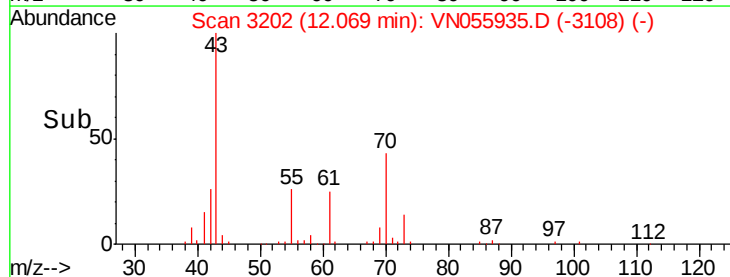
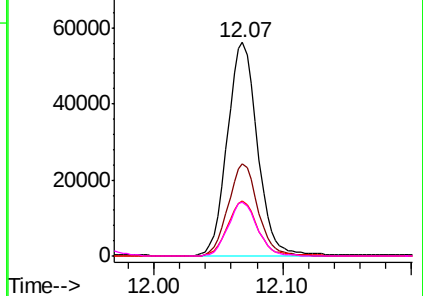


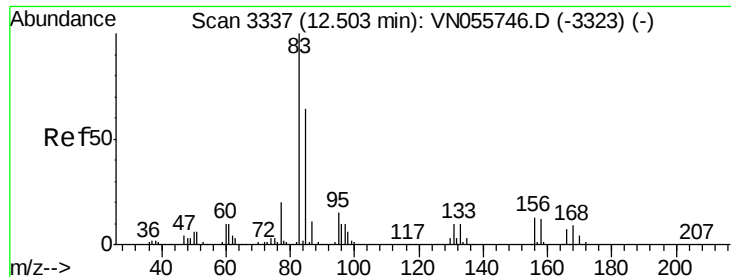
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.627 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

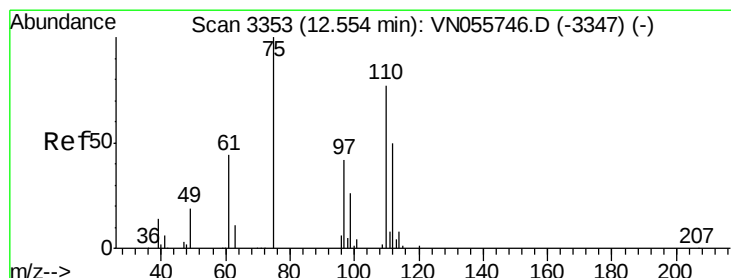
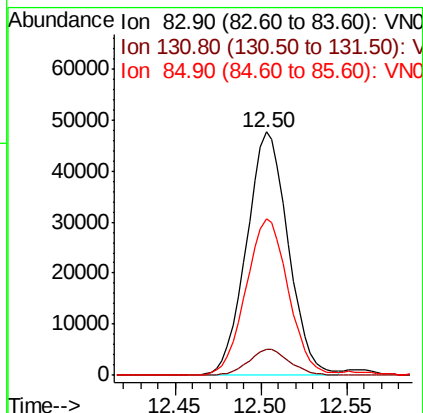
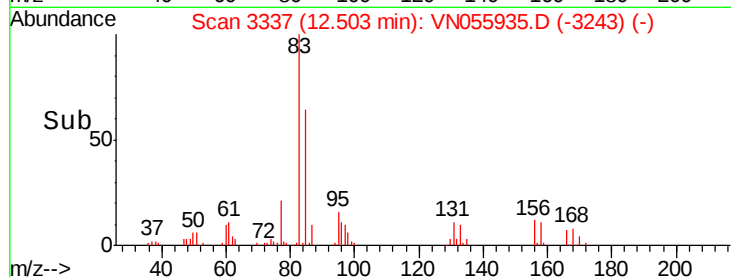
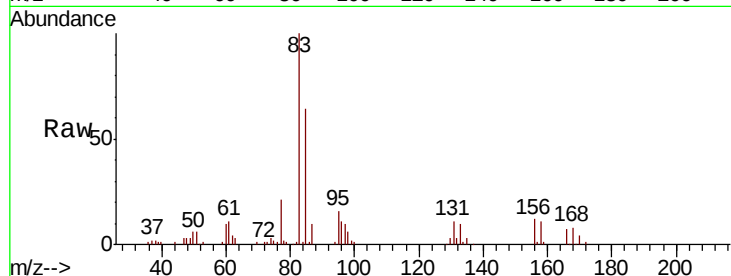
Tot Ion: 83 Resp: 80092

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 65.2 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 33.216 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055935.D

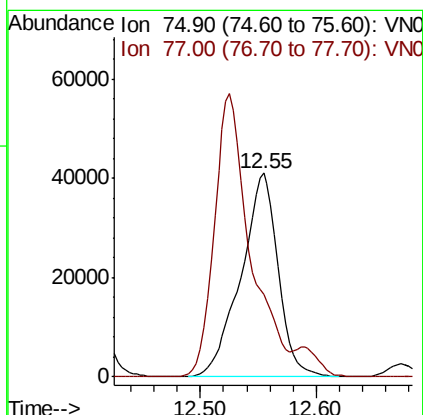
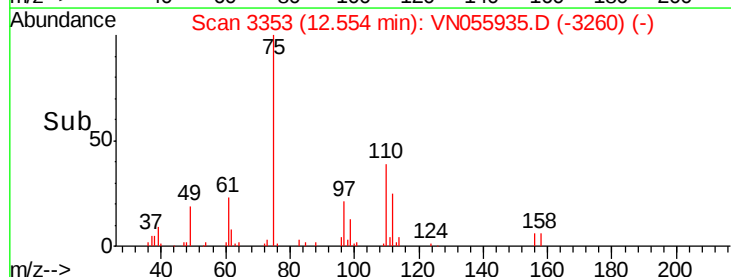
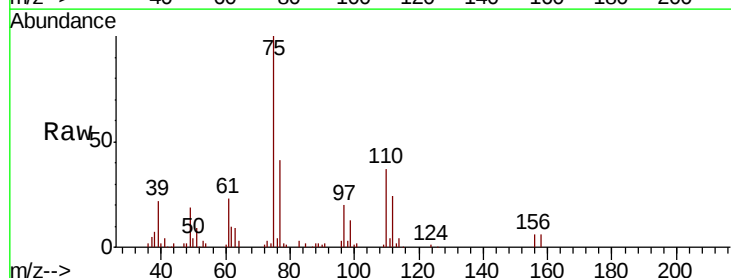
Acq: 31 May 2019 22:40

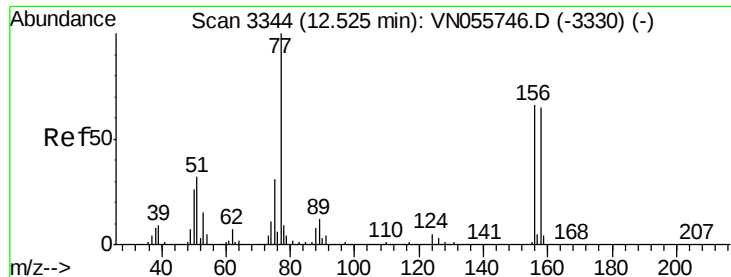
Tgt Ion: 75 Resp: 91799

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.358 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

VN0531WBS02

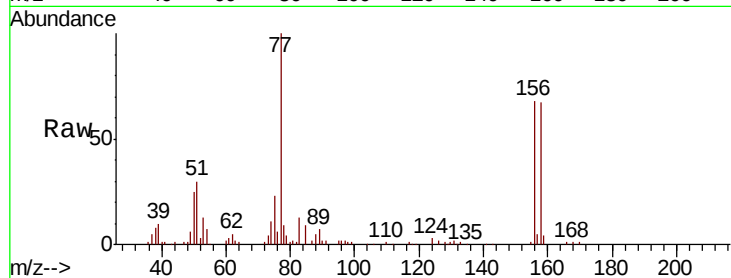
Tot Ion:156 Resp: 67574

Ion Ratio Lower Upper

156 100

77 181.4 90.8 272.5

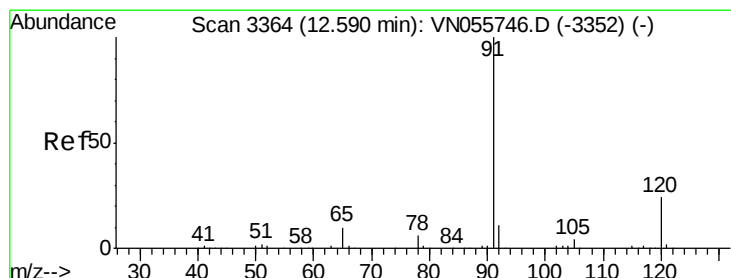
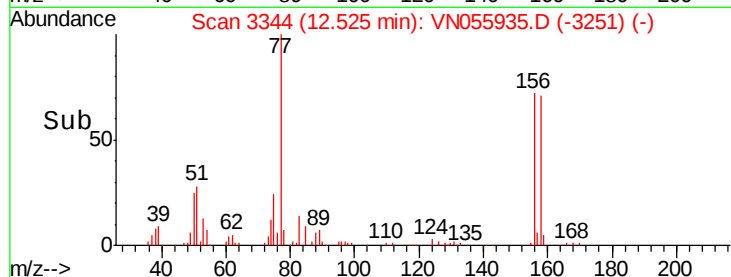
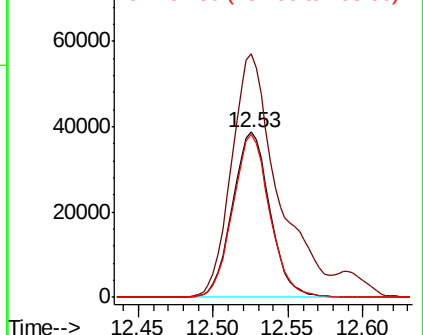
158 97.5 49.3 147.8



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: 19.679 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055935.D

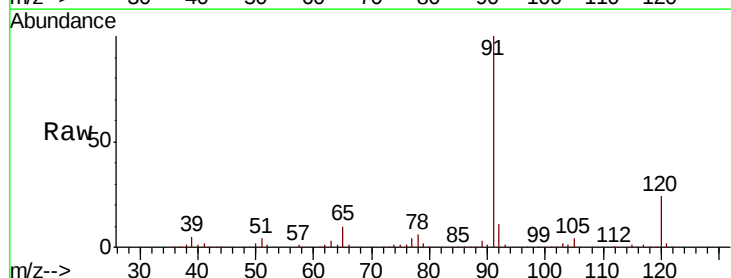
Acq: 31 May 2019 22:40

Tgt Ion: 91 Resp: 266053

Ion Ratio Lower Upper

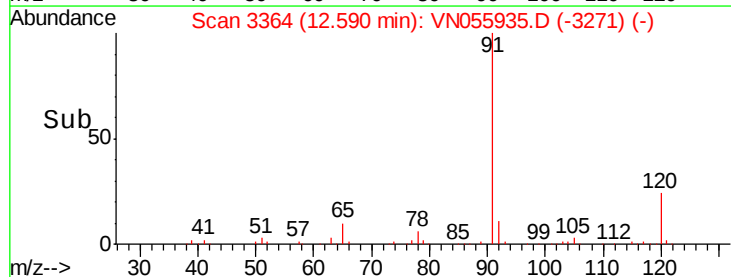
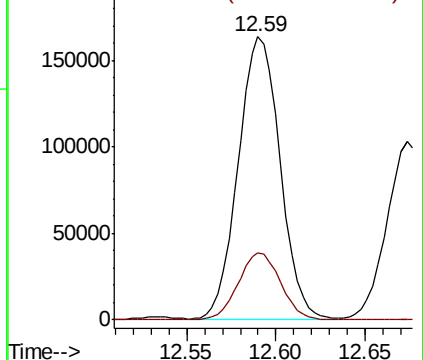
91 100

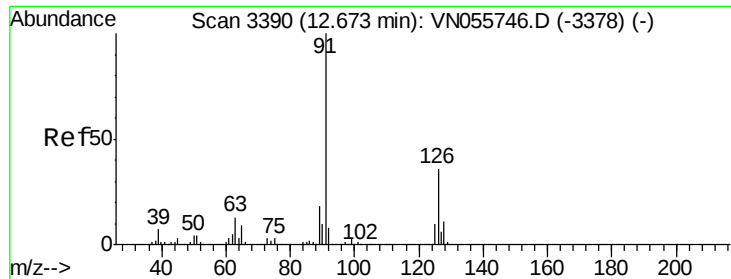
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.712 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

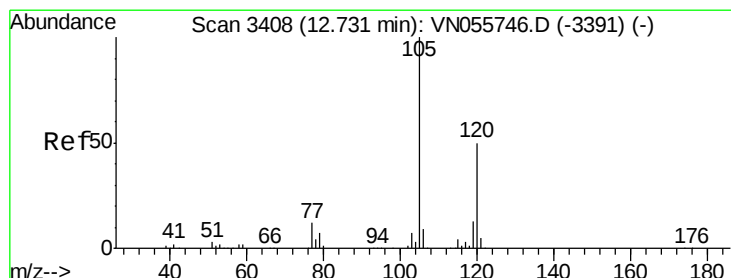
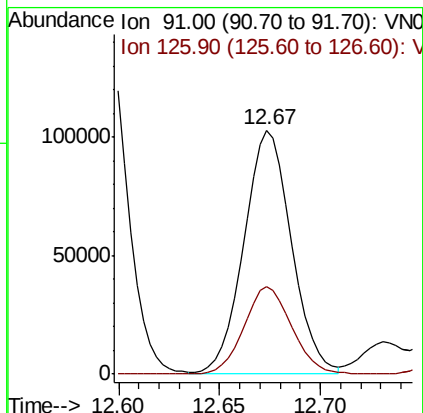
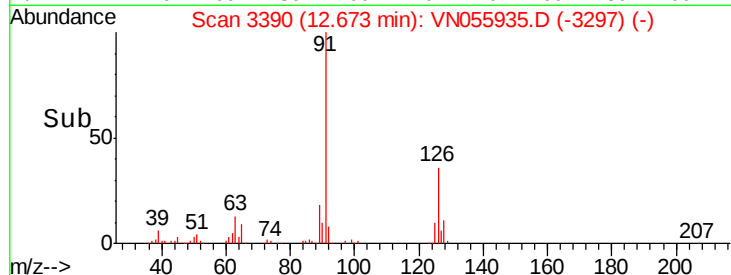
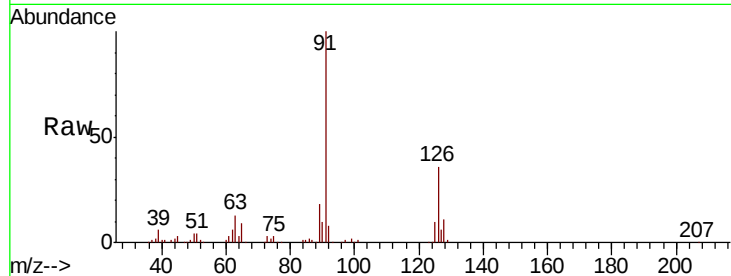
VN0531WBS02

Tot Ion: 91 Resp: 168612

Ion Ratio Lower Upper

91 100

126 36.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 21.320 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055935.D

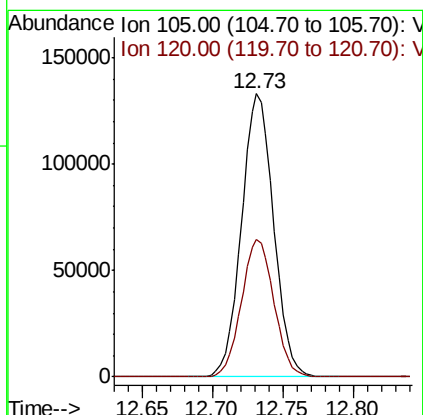
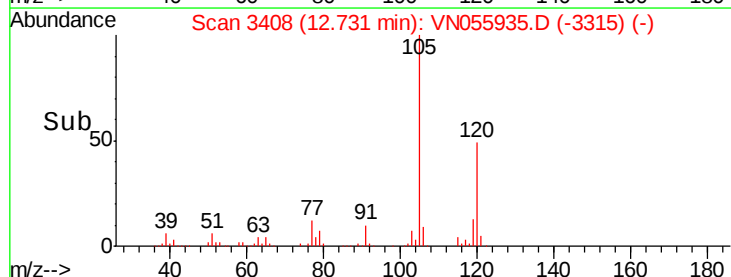
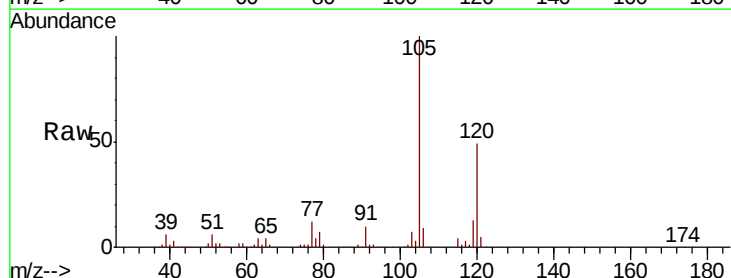
Acq: 31 May 2019 22:40

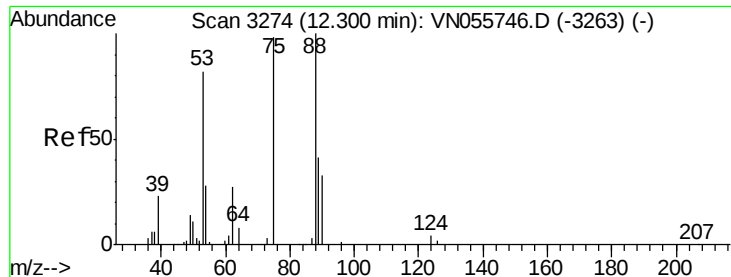
Tgt Ion: 105 Resp: 212248

Ion Ratio Lower Upper

105 100

120 49.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 14.102 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

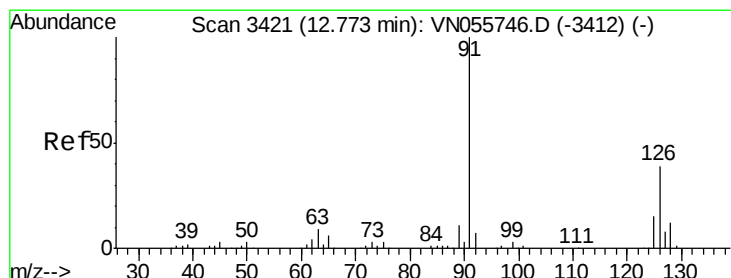
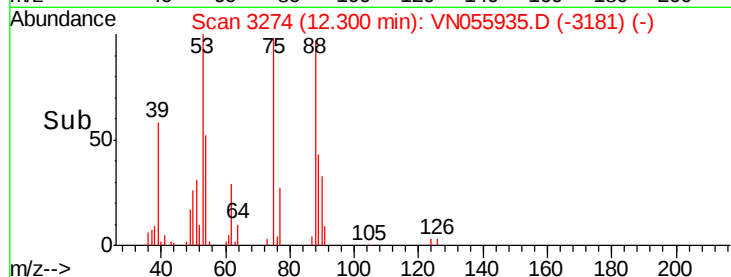
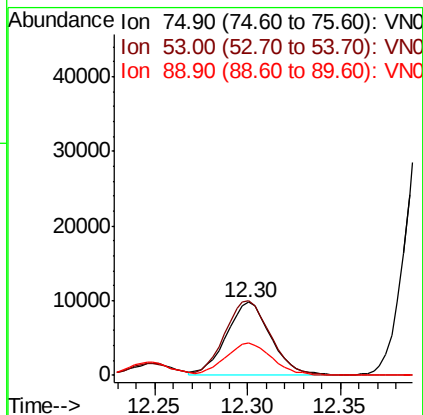
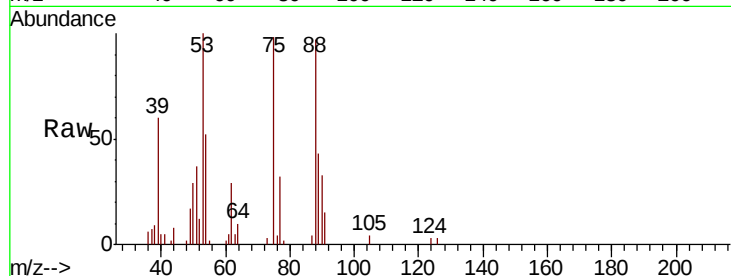
Tot Ion: 75 Resp: 16304

Ion Ratio Lower Upper

75 100

53 104.7 68.1 102.1#

89 45.8 36.9 55.3



#82

4-Chlorotoluene

Concen: 19.560 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055935.D

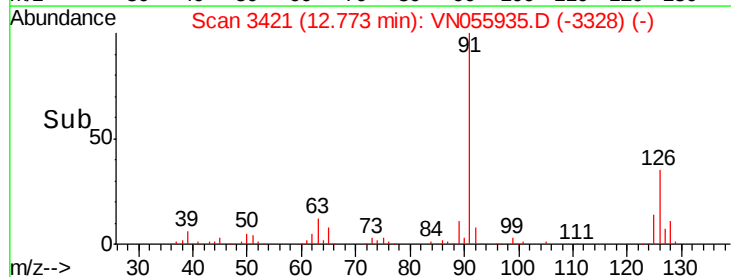
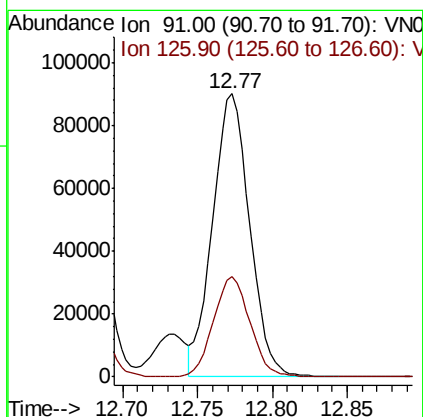
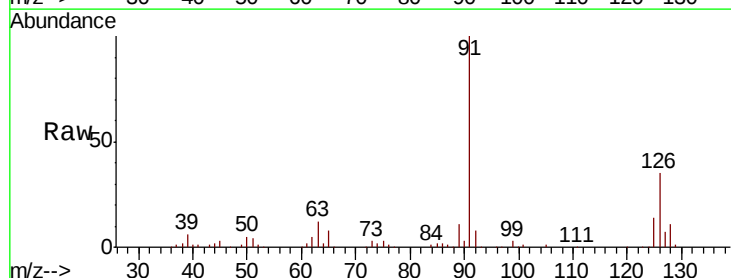
Acq: 31 May 2019 22:40

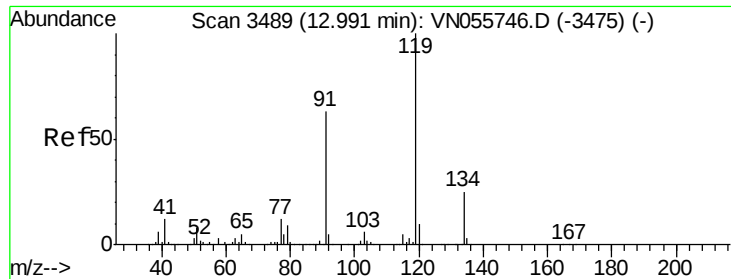
Tgt Ion: 91 Resp: 155447

Ion Ratio Lower Upper

91 100

126 35.0 17.8 53.3

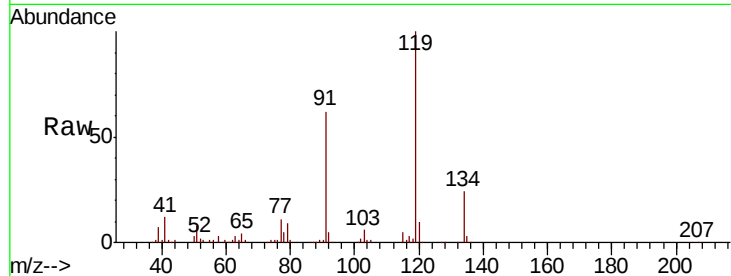




#83
tert-Butylbenzene
Concen: 22.651 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.9	92.8
134	25.8	13.3	39.8

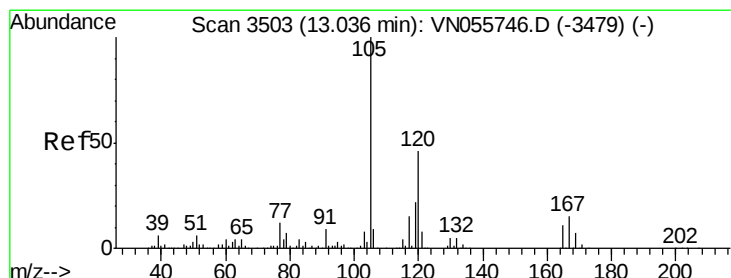
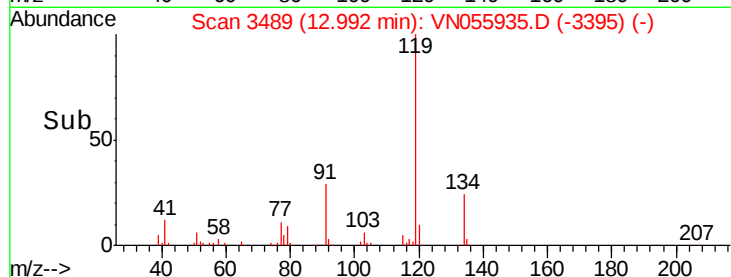
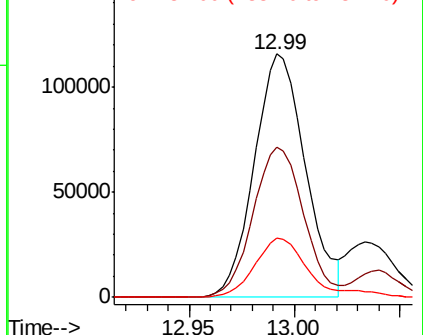


Abundance

Ion 119.00 (118.70 to 119.70): V

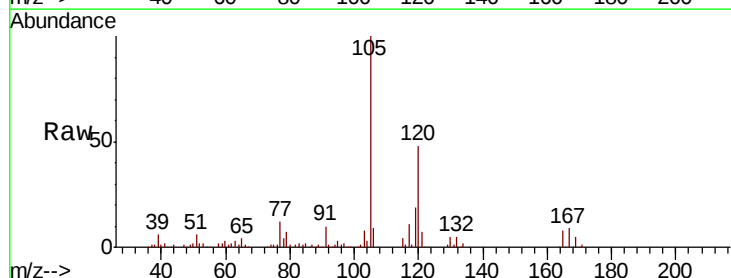
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 20.801 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055935.D
Acq: 31 May 2019 22:40

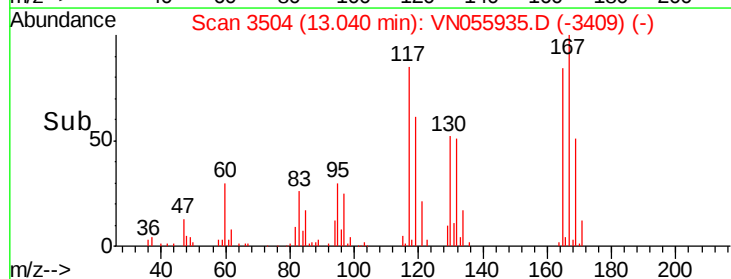
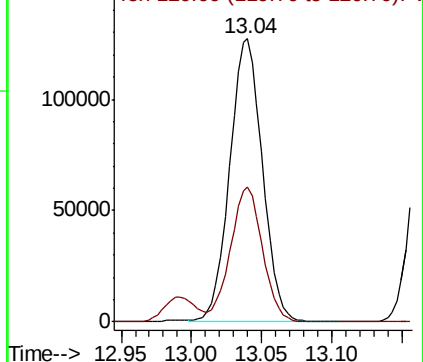
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.0	69.0

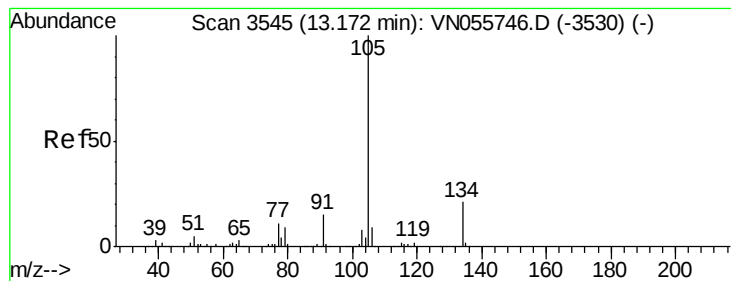


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.585 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

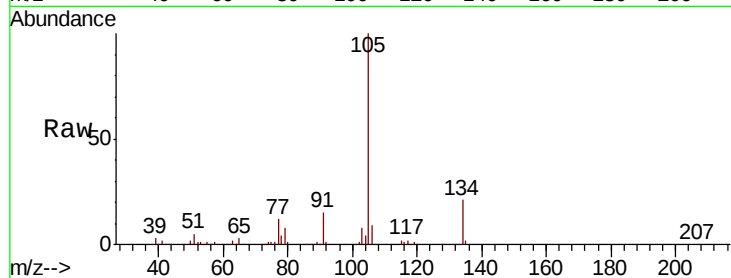
VN0531WBS02

Tot Ion:105 Resp: 240079

Ion Ratio Lower Upper

105 100

134 20.5 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

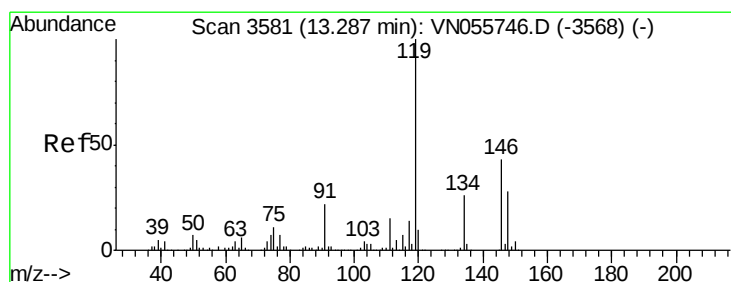
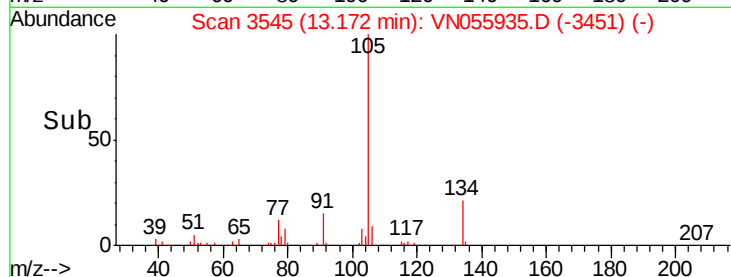
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.589 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

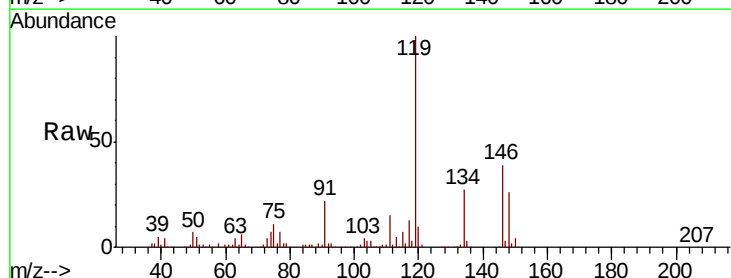
Tgt Ion:119 Resp: 211612

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.0 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

13.29

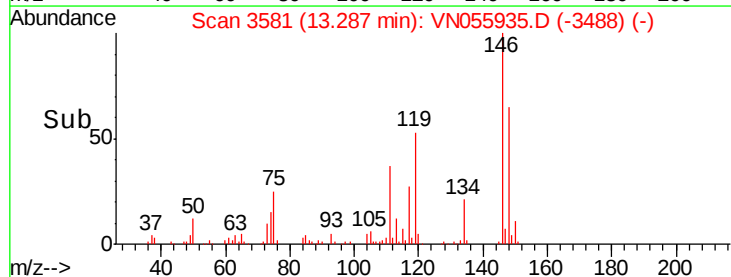
150000

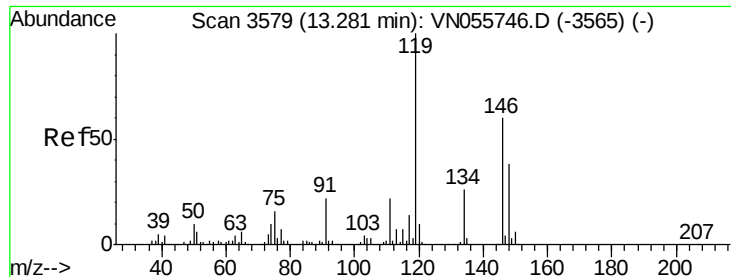
100000

50000

0

Time-->

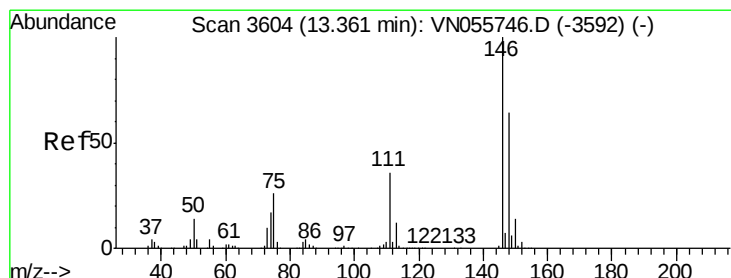
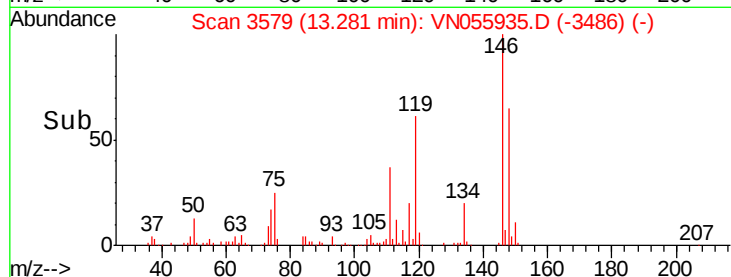
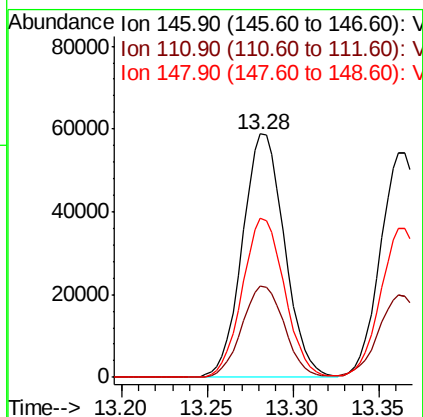
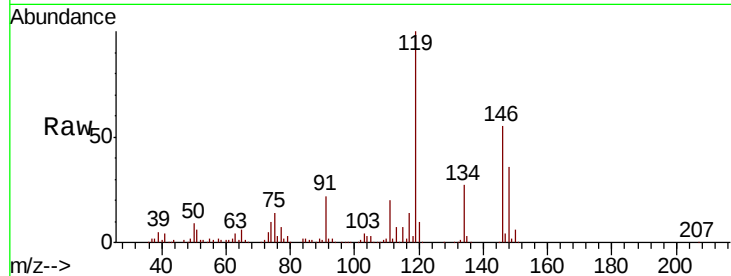




#87
 1,3-Dichlorobenzene
 Concen: 18.981 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

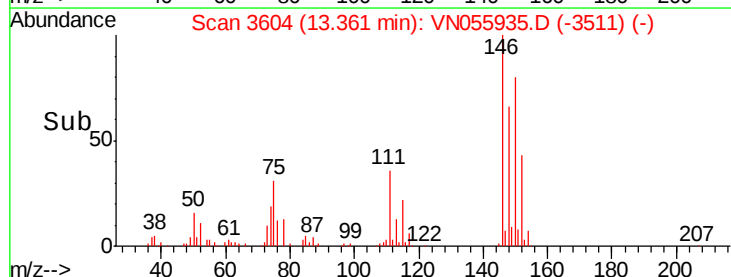
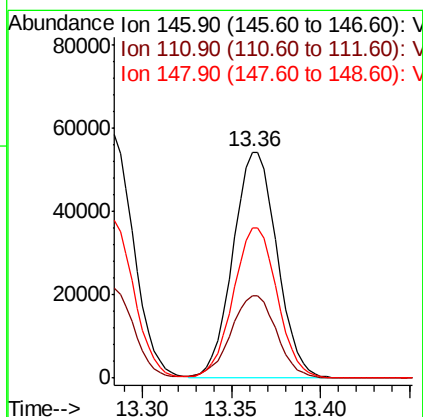
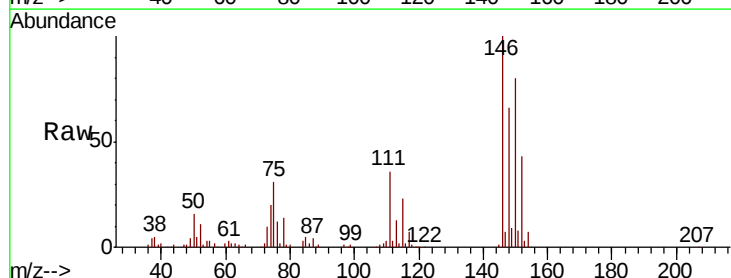
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

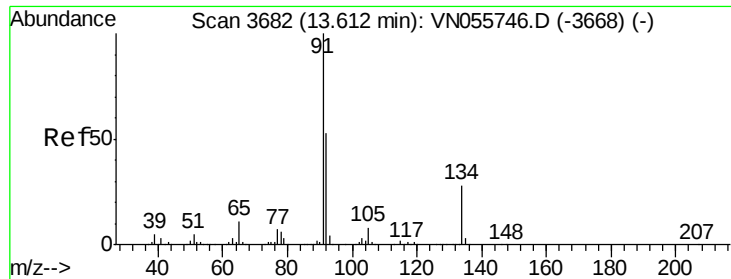
Tot Ion:146 Resp: 99762
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.5 55.5
 148 65.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.655 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion:146 Resp: 93221
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.4
 148 66.4 32.1 96.5





#89

n-Butylbenzene

Concen: 17.534 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

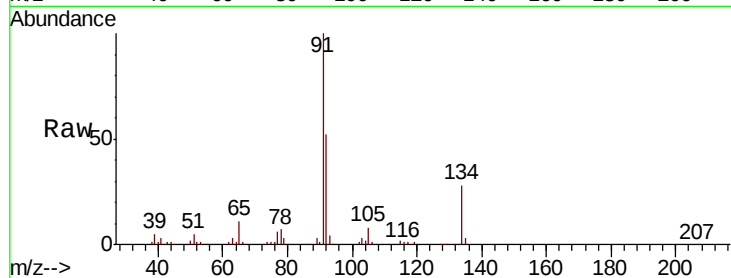
Tot Ion: 91 Resp: 145131

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

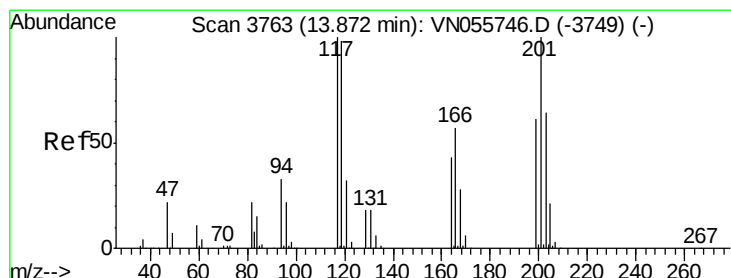
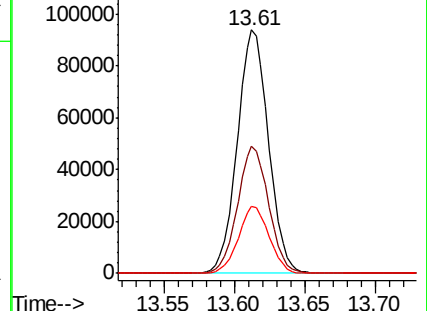
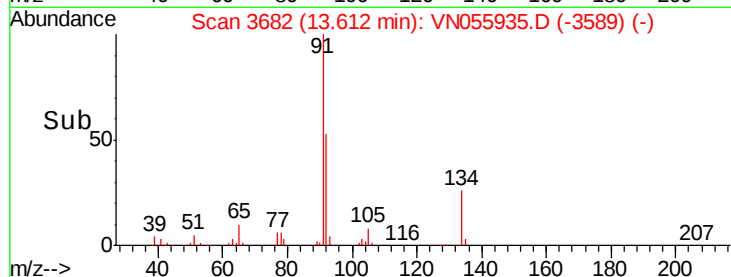
134 27.2 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055746.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055746.D (-3668) (-)



#90

Hexachloroethane

Concen: 15.900 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055935.D

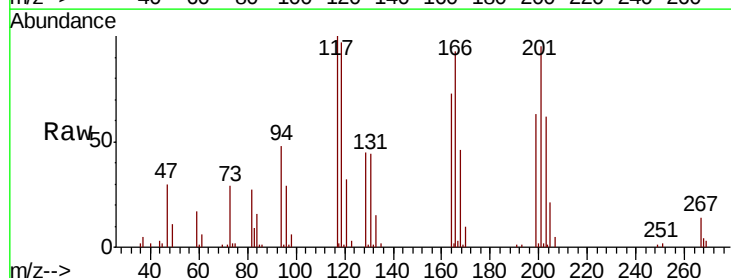
Acq: 31 May 2019 22:40

Tgt Ion: 117 Resp: 32692

Ion Ratio Lower Upper

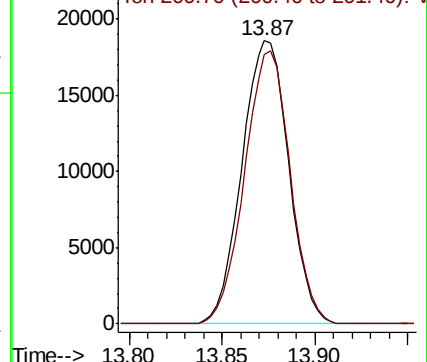
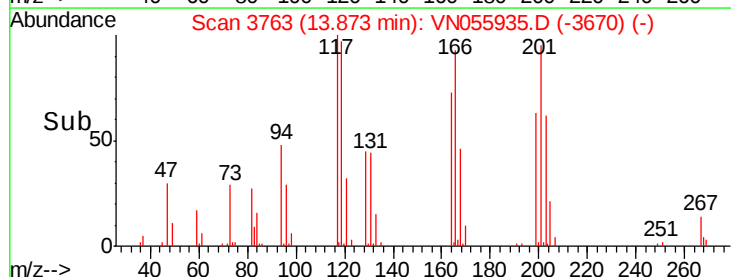
117 100

201 93.9 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055746.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055746.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 19.772 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

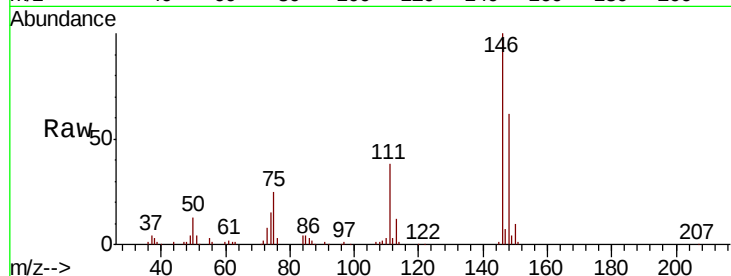
Tot Ion:146 Resp: 103683

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

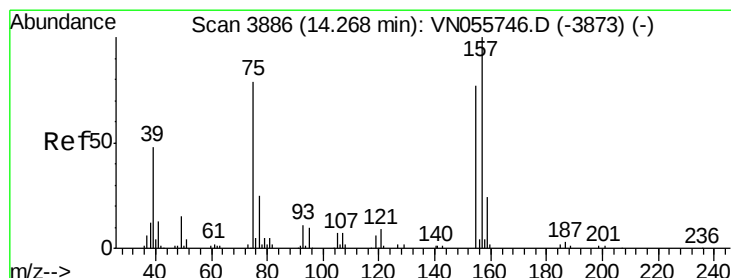
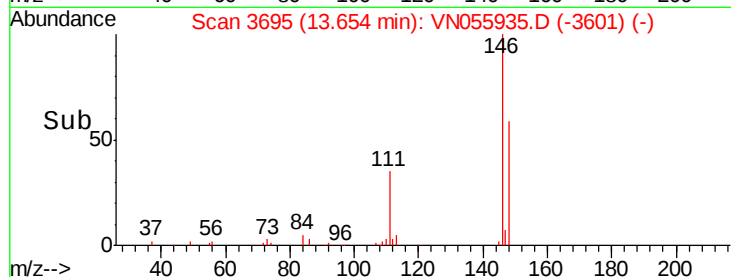
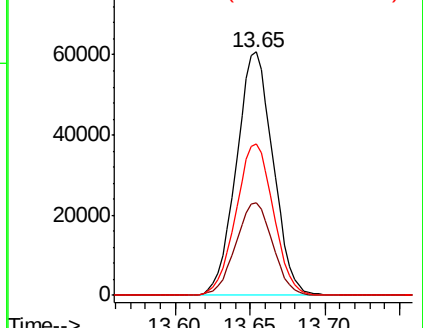
148 63.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.247 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

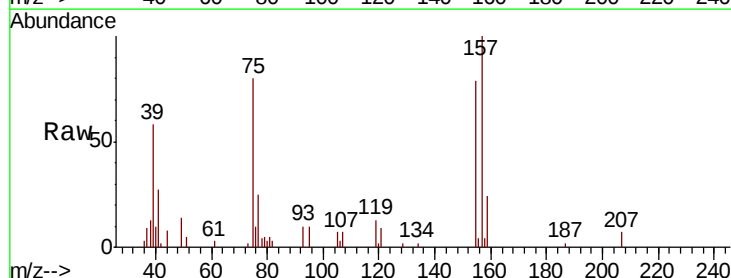
Tgt Ion: 75 Resp: 11887

Ion Ratio Lower Upper

75 100

155 98.4 50.0 150.1

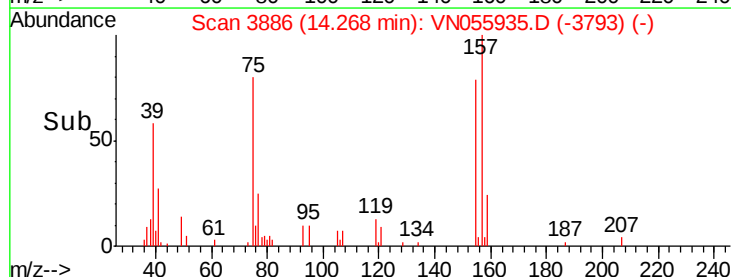
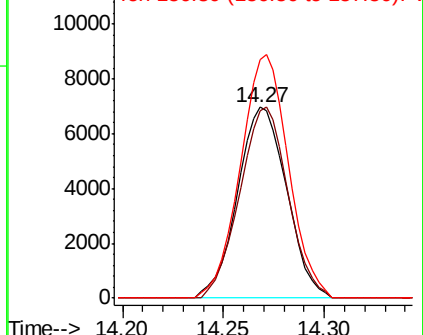
157 124.4 64.8 194.3

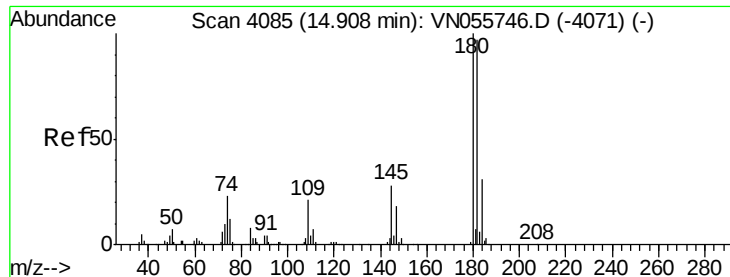


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

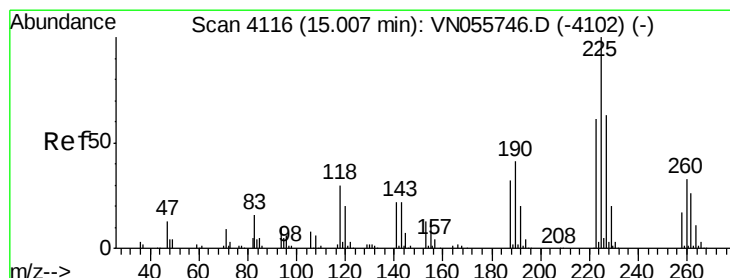
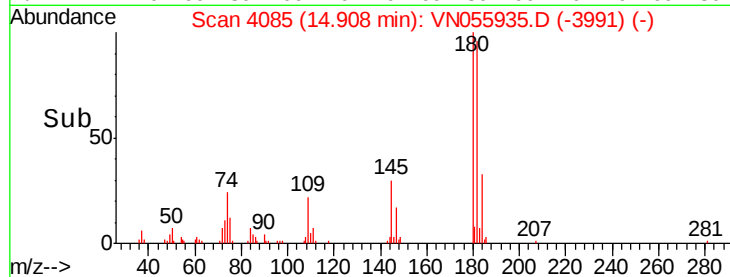
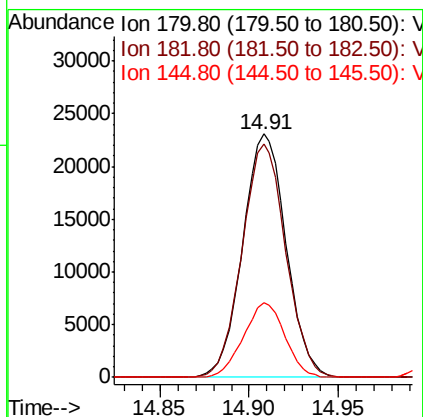
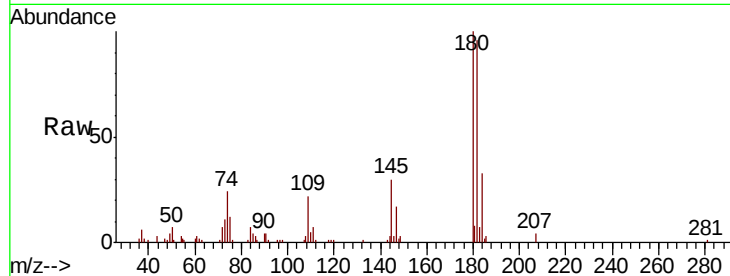




#93
 1,2,4-Trichlorobenzene
 Concen: 15.674 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

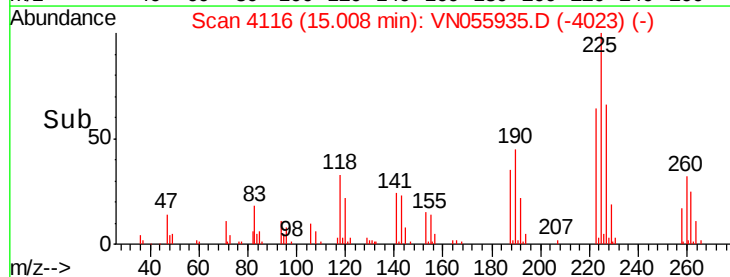
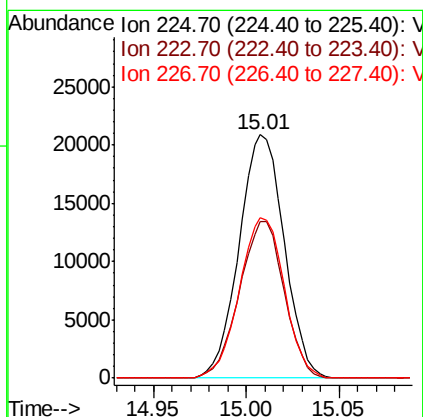
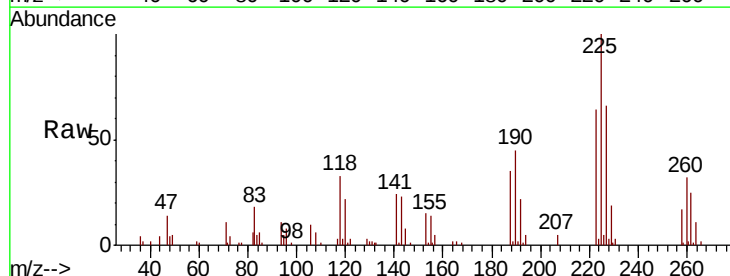
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS02

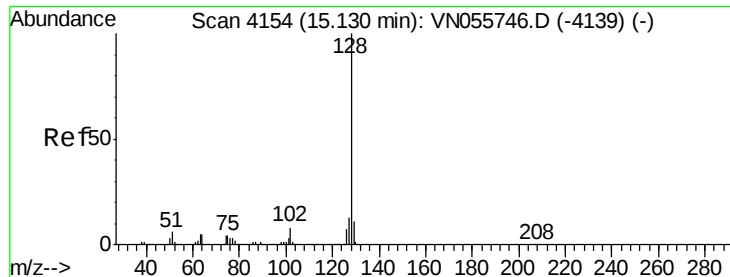
Tot Ion:180 Resp: 39165
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.3 144.9
 145 29.1 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 17.963 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055935.D
 Acq: 31 May 2019 22:40

Tgt Ion:225 Resp: 35309
 Ion Ratio Lower Upper
 225 100
 223 63.9 30.9 92.7
 227 65.8 31.6 94.7





#95

Naphthalene

Concen: 15.765 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS02

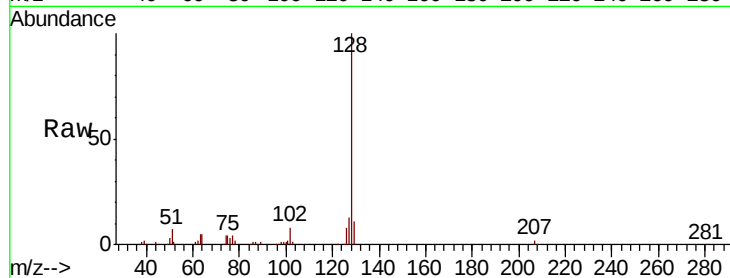
Tot Ion:128 Resp: 113439

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

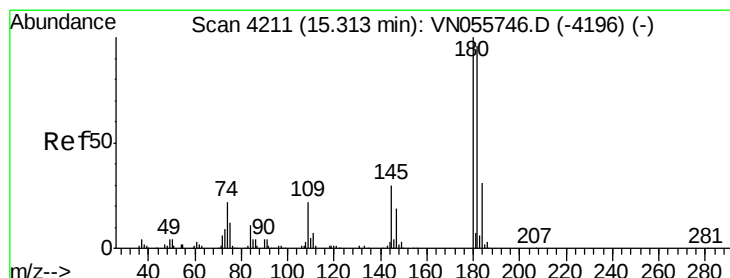
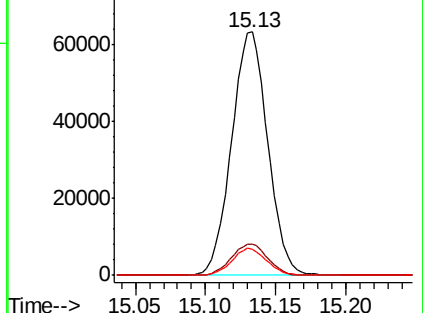
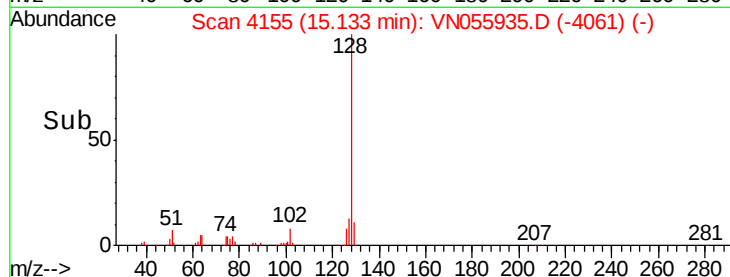
129 10.7 8.7 13.1



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: 16.457 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055935.D

Acq: 31 May 2019 22:40

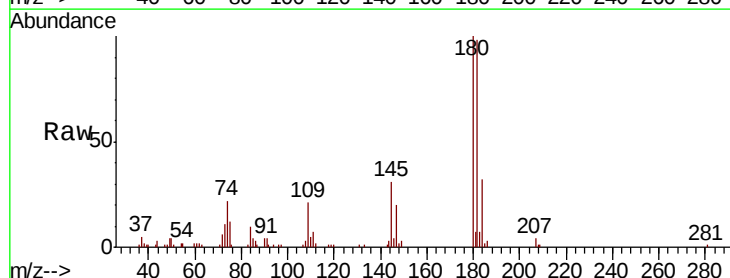
Tgt Ion:180 Resp: 45619

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.7

145 30.7 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

