

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057216.D
 Acq On : 12 Aug 2019 15:37
 Operator : JC/SP
 Sample : VN0812WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Quant Time: Aug 13 01:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1038071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1519001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1328789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	483921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	522298	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	6.99	113	467715	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	9.56	98	1734275	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.92	95	544993	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.82	85	145202	17.403	ug/l	99
3) Chloromethane	2.00	50	173754	15.674	ug/l	100
4) Vinyl Chloride	2.11	62	173743	16.861	ug/l	100
5) Bromomethane	2.43	94	131077	18.722	ug/l	97
6) Chloroethane	2.55	64	120262	18.196	ug/l	99
7) Trichlorofluoromethane	2.83	101	282773	19.092	ug/l	98
8) Diethyl Ether	3.14	74	109146	19.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	172861	19.252	ug/l	99
10) Methyl Iodide	3.63	142	257554	18.982	ug/l	99
11) Tert butyl alcohol	4.23	59	139817	92.032	ug/l	98
12) 1,1-Dichloroethene	3.43	96	164676	18.643	ug/l	96
13) Acrolein	3.31	56	56297	58.577	ug/l	99
14) Allyl chloride	3.91	41	236660	18.436	ug/l	98
15) Acrylonitrile	4.45	53	407667	99.149	ug/l	99
16) Acetone	3.48	43	329841	102.305	ug/l	99
17) Carbon Disulfide	3.72	76	404782	17.226	ug/l	97
18) Methyl Acetate	3.89	43	201184	20.557	ug/l	100
19) Methyl tert-butyl Ether	4.49	73	527409	19.778	ug/l	98
20) Methylene Chloride	4.10	84	198526	18.658	ug/l	98
21) trans-1,2-Dichloroethene	4.51	96	179272	18.631	ug/l	94
22) Diisopropyl ether	5.32	45	541398	19.336	ug/l	96
23) Vinyl Acetate	5.27	43	2105091	98.181	ug/l	100
24) 1,1-Dichloroethane	5.25	63	325265	18.897	ug/l	98
25) 2-Butanone	6.20	43	503416	102.197	ug/l	98
26) 2,2-Dichloropropane	6.21	77	262361	20.951	ug/l	99
27) cis-1,2-Dichloroethene	6.21	96	210698	19.114	ug/l	99
28) Bromochloromethane	6.59	49	158789	20.057	ug/l	99
29) Tetrahydrofuran	6.60	42	331003	99.750	ug/l	98
30) Chloroform	6.76	83	343711	19.294	ug/l	99
31) Cyclohexane	7.07	56	277607	17.927	ug/l	96
32) 1,1,1-Trichloroethane	6.98	97	290611	19.446	ug/l	99
36) 1,1-Dichloropropene	7.20	75	243356	19.458	ug/l	99
37) Ethyl Acetate	6.28	43	211636	20.520	ug/l #	100
38) Carbon Tetrachloride	7.18	117	262884	20.169	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057216.D
 Acq On : 12 Aug 2019 15:37
 Operator : JC/SP
 Sample : VN0812WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Quant Time: Aug 13 01:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.53	83	286250	18.821	ug/l	97
40) Benzene	7.46	78	771997	19.498	ug/l	98
41) Methacrylonitrile	6.55	41	102787	19.627	ug/l	92
42) 1,2-Dichloroethane	7.54	62	249279	19.742	ug/l	100
43) Isopropyl Acetate	7.56	43	365914	20.798	ug/l	97
44) Trichloroethene	8.27	130	215565	19.434	ug/l	96
45) 1,2-Dichloropropane	8.56	63	200302	19.539	ug/l	100
46) Dibromomethane	8.65	93	137039	20.848	ug/l	97
47) Bromodichloromethane	8.85	83	260235	20.461	ug/l	99
48) Methyl methacrylate	8.64	41	155890	18.790	ug/l	96
49) 1,4-Dioxane	8.64	88	67704	400.688	ug/l	98
51) 4-Methyl-2-Pentanone	9.45	43	1030387	100.628	ug/l	99
52) Toluene	9.63	92	480334	19.545	ug/l	98
53) t-1,3-Dichloropropene	9.86	75	272235	20.489	ug/l	99
54) cis-1,3-Dichloropropene	9.30	75	306934	20.131	ug/l	98
55) 1,1,2-Trichloroethane	10.04	97	189639	19.623	ug/l	97
56) Ethyl methacrylate	9.90	69	268503	19.843	ug/l	98
57) 1,3-Dichloropropane	10.19	76	320624	20.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	308672	67.322	ug/l	96
59) 2-Hexanone	10.24	43	713102	102.900	ug/l	99
60) Dibromochloromethane	10.39	129	213737	21.058	ug/l	100
61) 1,2-Dibromoethane	10.50	107	200225	20.077	ug/l	99
64) Tetrachloroethene	10.11	164	231007	20.904	ug/l	97
65) Chlorobenzene	10.93	112	518051	19.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.01	131	208639	20.873	ug/l	99
67) Ethyl Benzene	11.01	91	886792	19.272	ug/l	98
68) m/p-Xylenes	11.13	106	662506	39.080	ug/l	100
69) o-Xylene	11.46	106	334690	19.837	ug/l	96
70) Styrene	11.48	104	517193	19.626	ug/l	100
71) Bromoform	11.64	173	154585	21.113	ug/l #	98
73) Isopropylbenzene	11.77	105	873475	20.610	ug/l	100
74) N-amyl acetate	11.59	43	243248	19.836	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.03	83	258266	22.121	ug/l	100
76) 1,2,3-Trichloropropane	12.08	75	306127	31.302	ug/l #	100
77) Bromobenzene	12.05	156	228723	19.664	ug/l	100
78) n-propylbenzene	12.11	91	873084	18.806	ug/l	100
79) 2-Chlorotoluene	12.20	91	554214	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	728671	19.504	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.82	75	70673	21.473	ug/l	100
82) 4-Chlorotoluene	12.30	91	507535	18.881	ug/l	99
83) tert-Butylbenzene	12.52	119	649646	20.840	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	677141	18.752	ug/l	100
85) sec-Butylbenzene	12.70	105	777613	18.444	ug/l	100
86) p-Isopropyltoluene	12.82	119	674641	18.236	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	326325	19.706	ug/l	98
88) 1,4-Dichlorobenzene	12.90	146	295978	18.864	ug/l	98
89) n-Butylbenzene	13.15	91	476653	18.649	ug/l	99
90) Hexachloroethane	13.41	117	129054	21.395	ug/l	99
91) 1,2-Dichlorobenzene	13.19	146	318715	19.274	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.81	75	32132	18.889	ug/l	98

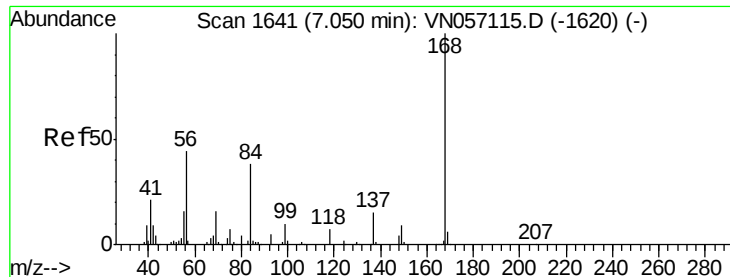
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
Data File : VN057216.D
Acq On : 12 Aug 2019 15:37
Operator : JC/SP
Sample : VN0812WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Quant Time: Aug 13 01:44:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	81883	16.221	ug/l	99
94) Hexachlorobutadiene	14.55	225	133860	21.011	ug/l	99
95) Naphthalene	14.67	128	160141	15.057	ug/l	99
96) 1,2,3-Trichlorobenzene	14.84	180	84555	16.044	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

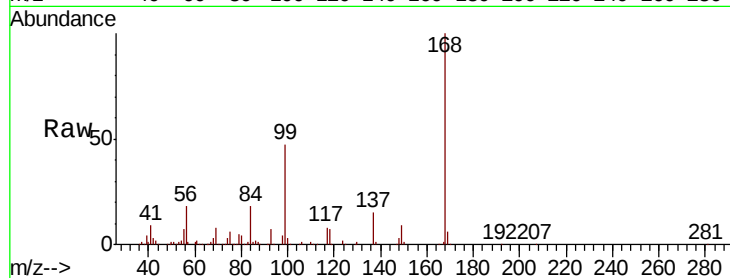
VN0812WBS02

Tgt Ion:168 Resp: 1038071

Ion Ratio Lower Upper

168 100

99 46.6 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.05

400000

300000

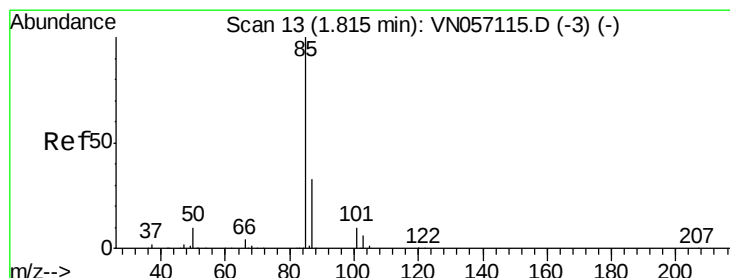
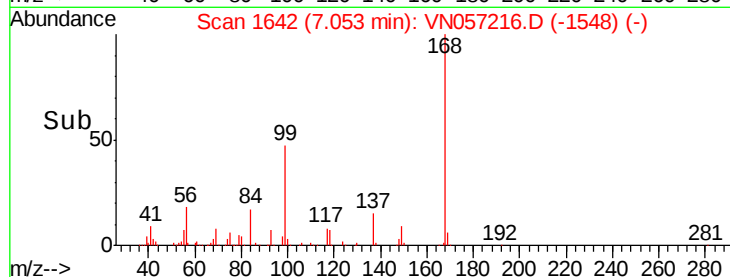
200000

100000

0

7.00 7.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.403 ug/l

RT: 1.82 min Scan# 14

Delta R.T. 0.00 min

Lab File: VN057216.D

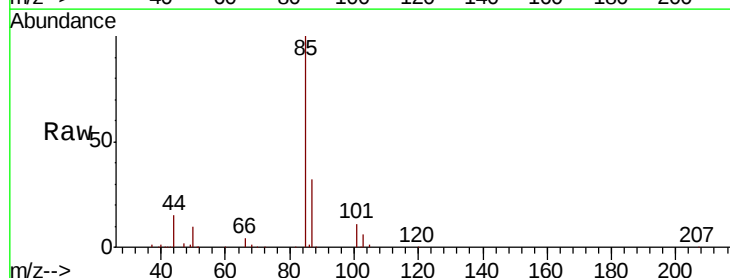
Acq: 12 Aug 2019 15:37

Tgt Ion: 85 Resp: 145202

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.82

120000

100000

80000

60000

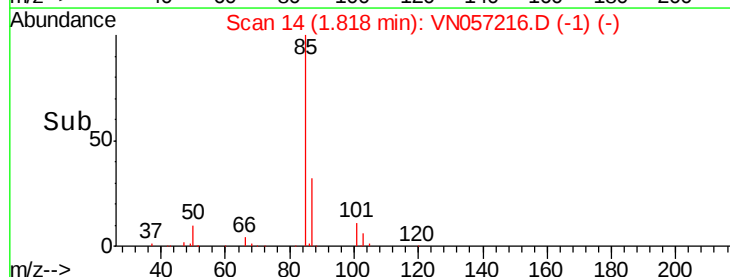
40000

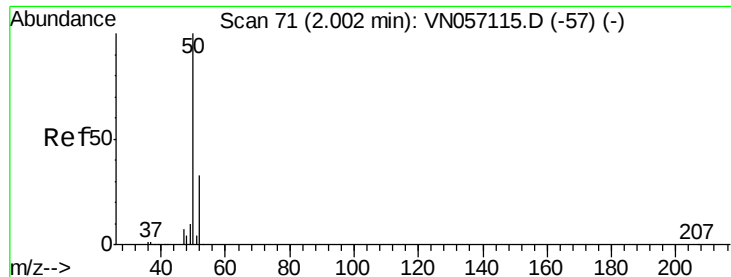
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 15.674 ug/l

RT: 2.00 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

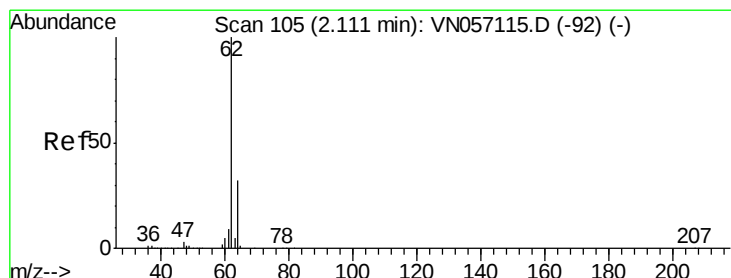
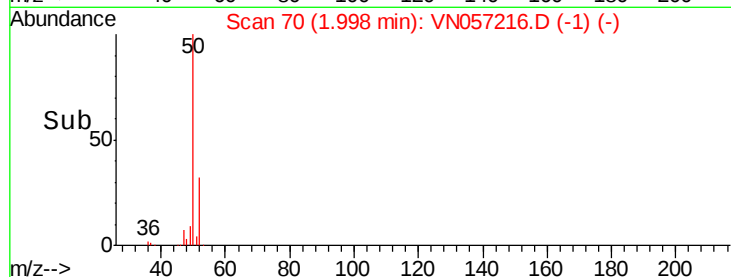
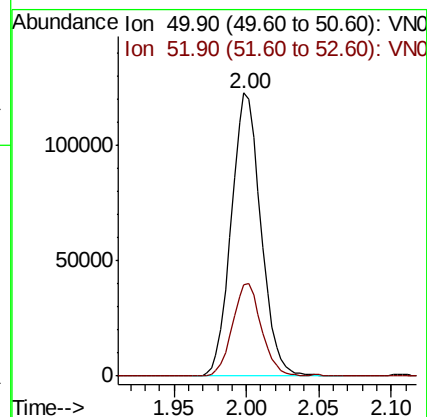
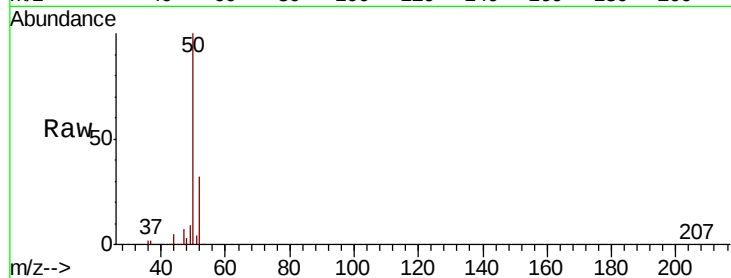
VN0812WBS02

Tgt Ion: 50 Resp: 173754

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 16.861 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057216.D

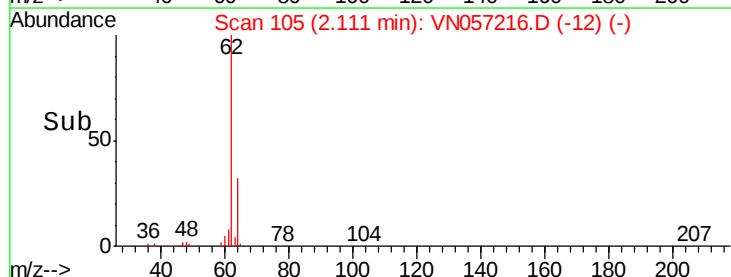
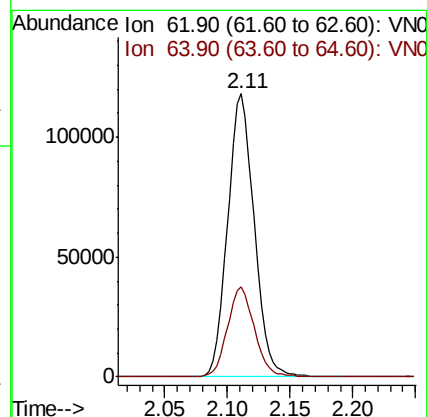
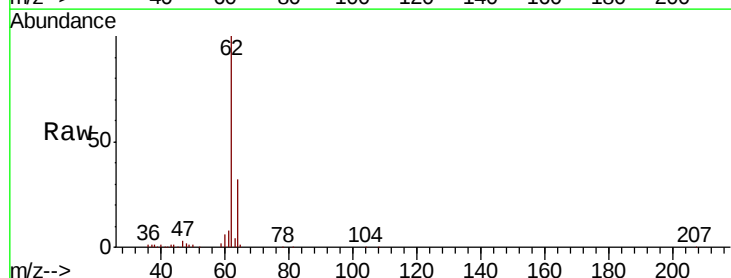
Acq: 12 Aug 2019 15:37

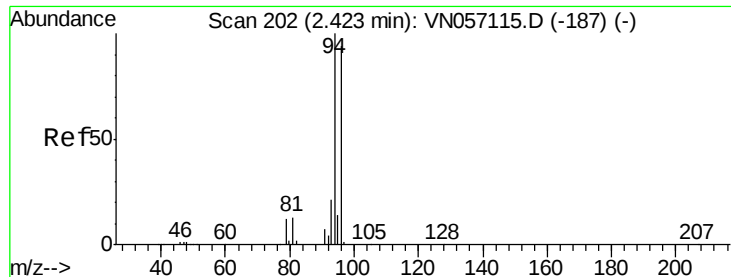
Tgt Ion: 62 Resp: 173743

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 18.722 ug/l

RT: 2.43 min Scan# 205

Delta R.T. 0.01 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

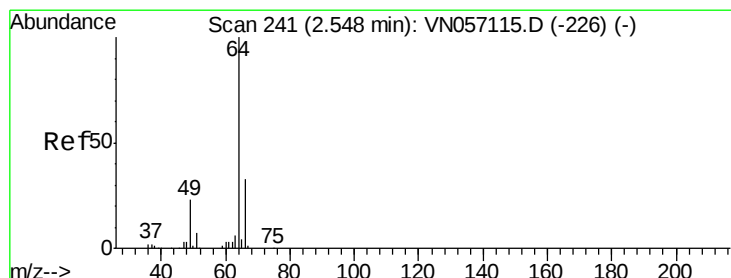
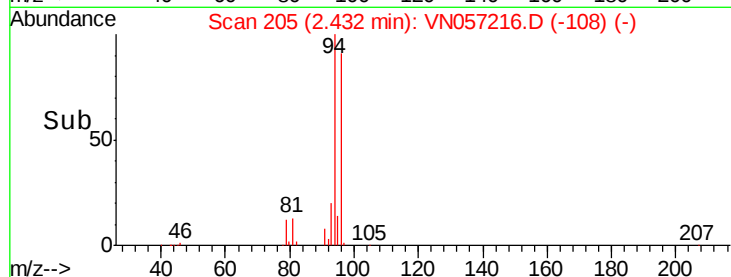
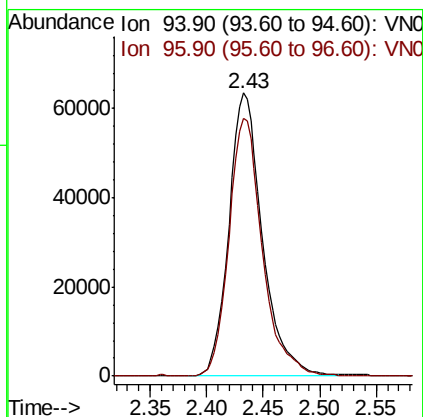
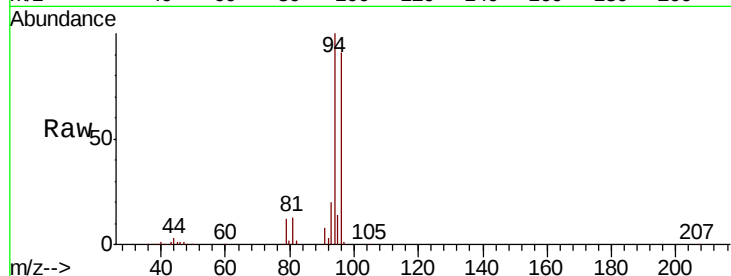
VN0812WBS02

Tgt Ion: 94 Resp: 131077

Ion Ratio Lower Upper

94 100

96 91.2 75.0 112.4



#6

Chloroethane

Concen: 18.196 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN057216.D

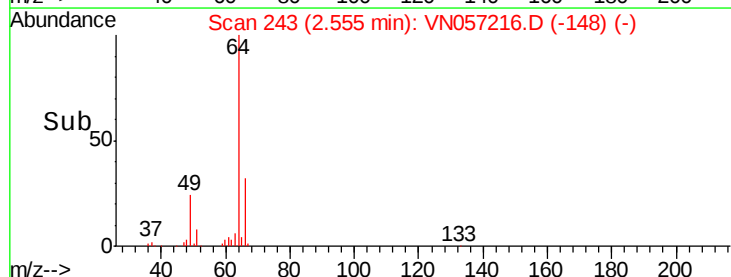
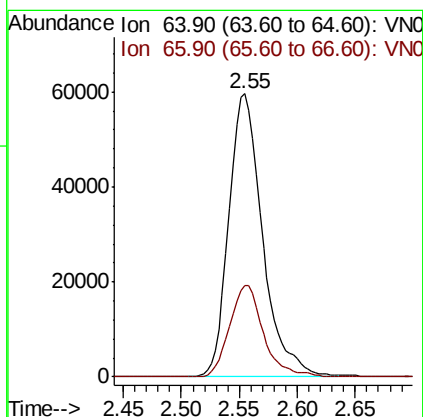
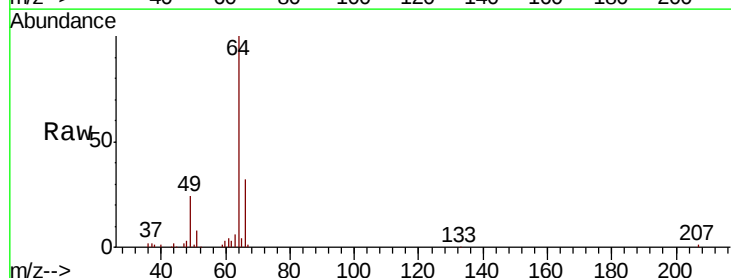
Acq: 12 Aug 2019 15:37

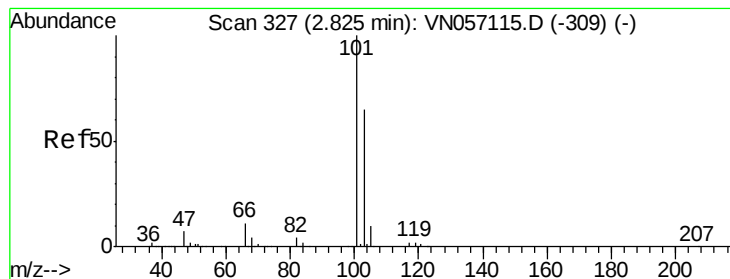
Tgt Ion: 64 Resp: 120262

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4



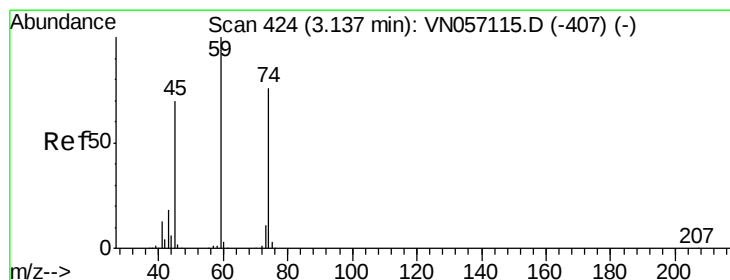
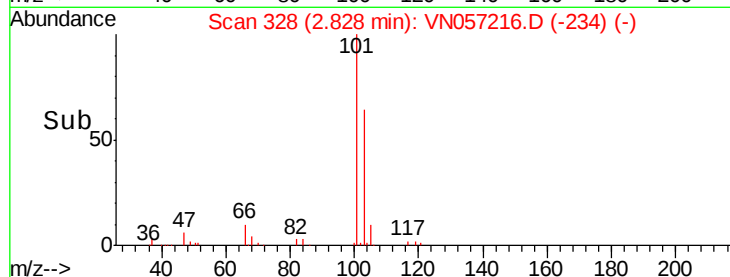
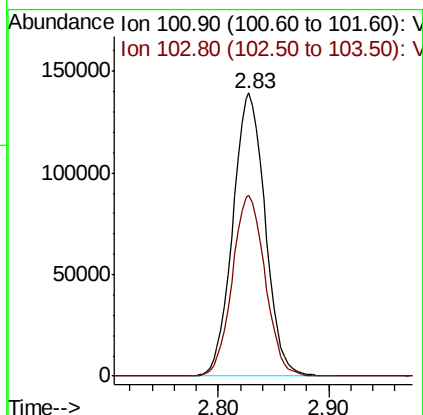
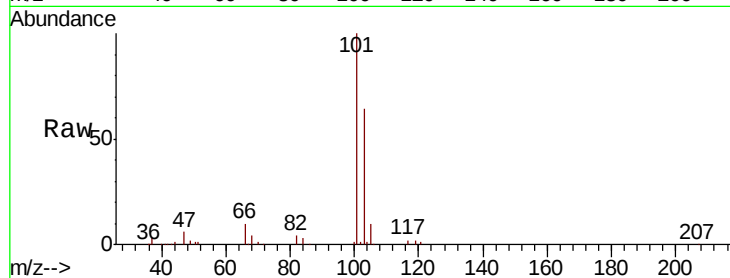


#7

Trichlorofluoromethane
 Concen: 19.092 ug/l
 RT: 2.83 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

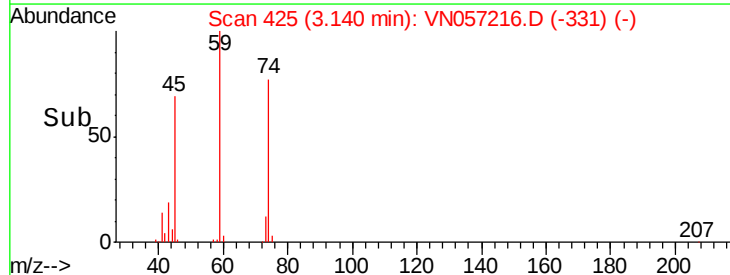
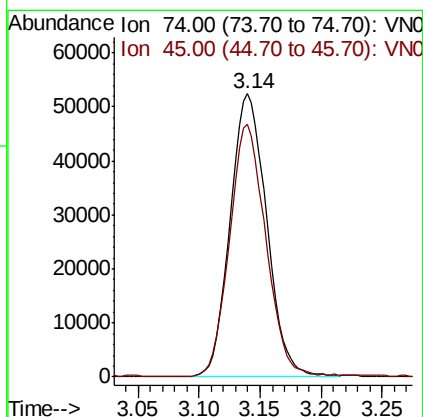
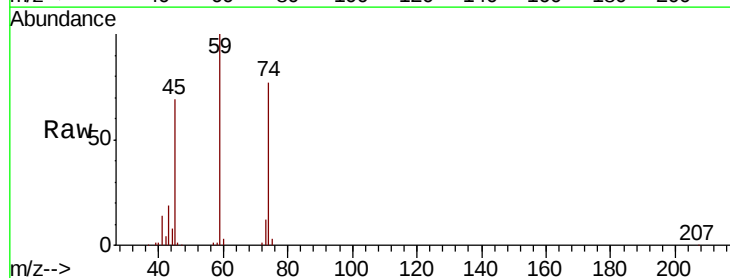
Tgt Ion:101 Resp: 282773
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.4

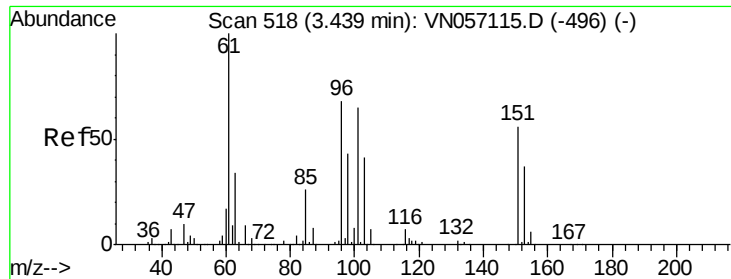


#8

Diethyl Ether
 Concen: 19.074 ug/l
 RT: 3.14 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 74 Resp: 109146
 Ion Ratio Lower Upper
 74 100
 45 89.4 46.3 138.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.252 ug/l

RT: 3.44 min Scan# 518

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

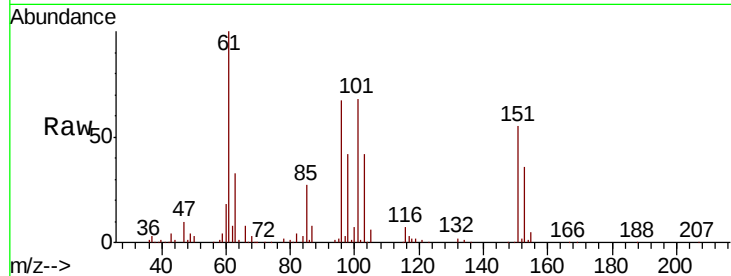
Tgt Ion:101 Resp: 172861

Ion Ratio Lower Upper

101 100

85 40.3 32.3 48.5

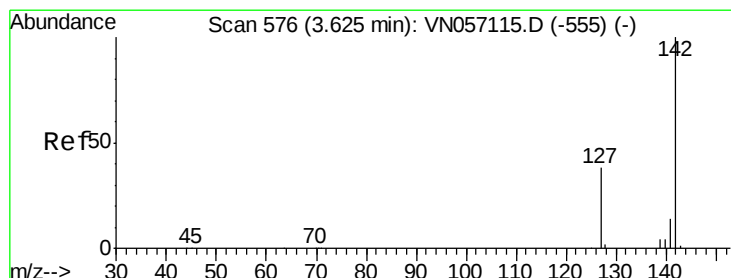
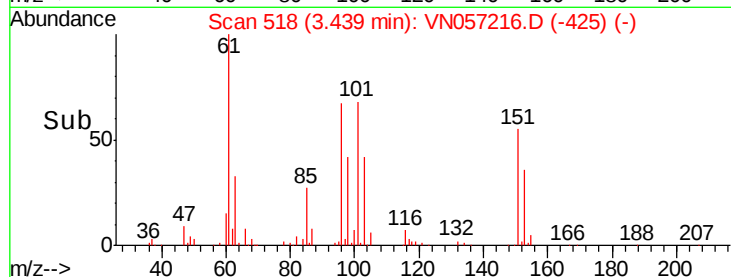
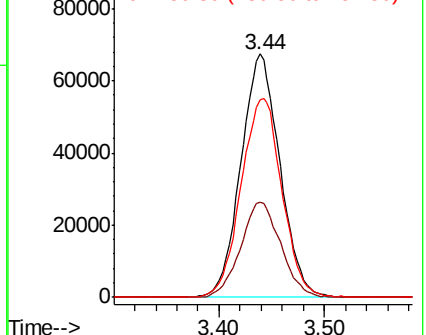
151 85.8 69.4 104.0



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: 18.982 ug/l

RT: 3.63 min Scan# 577

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

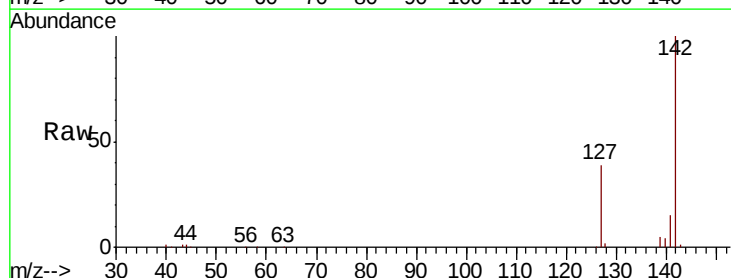
Tgt Ion:142 Resp: 257554

Ion Ratio Lower Upper

142 100

127 39.5 31.0 46.6

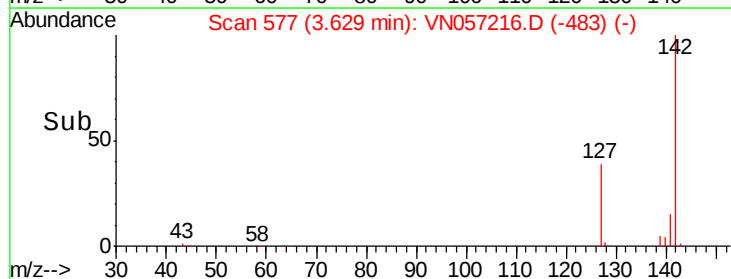
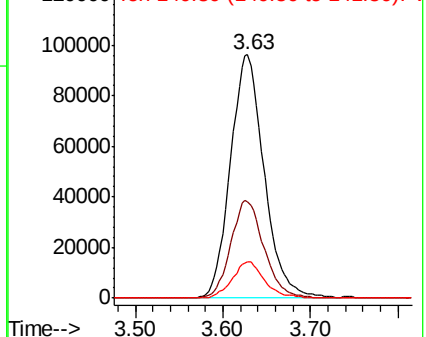
141 14.3 11.2 16.8

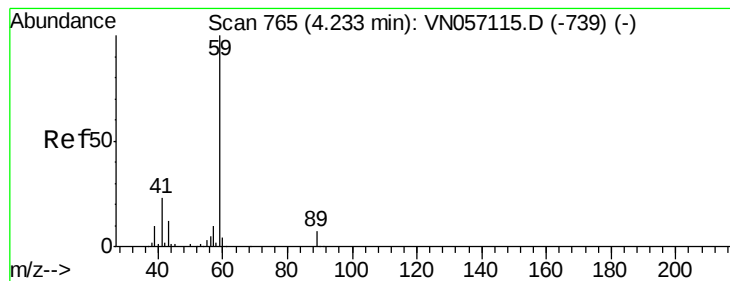


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



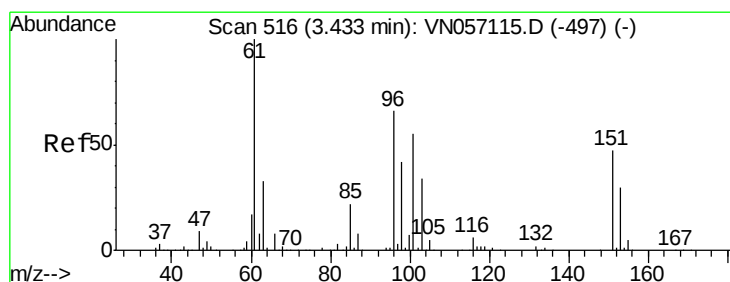
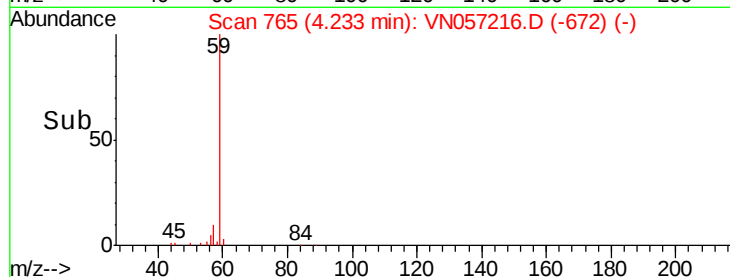
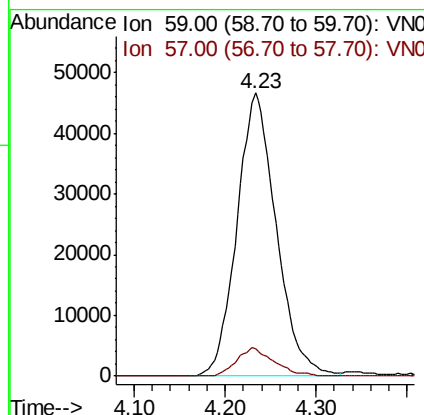
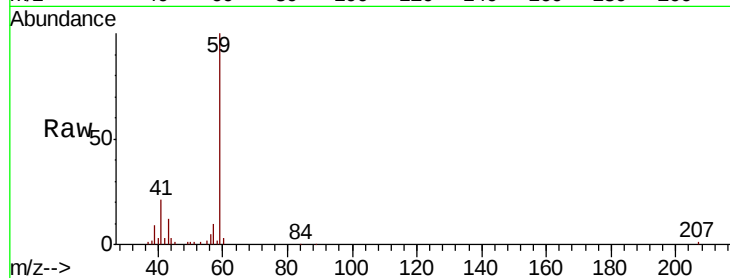


#11

Tert butyl alcohol
 Concen: 92.032 ug/l
 RT: 4.23 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

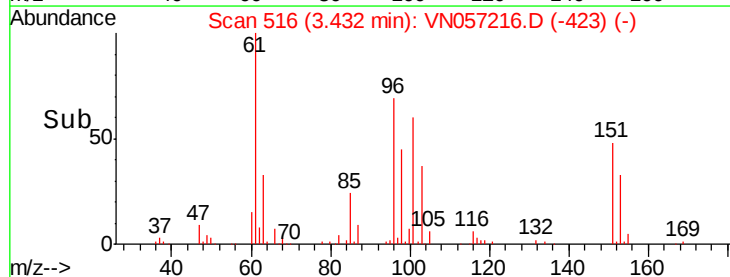
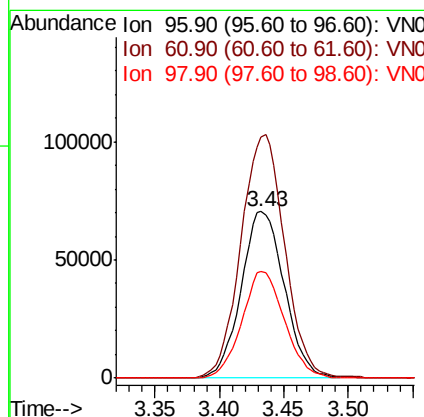
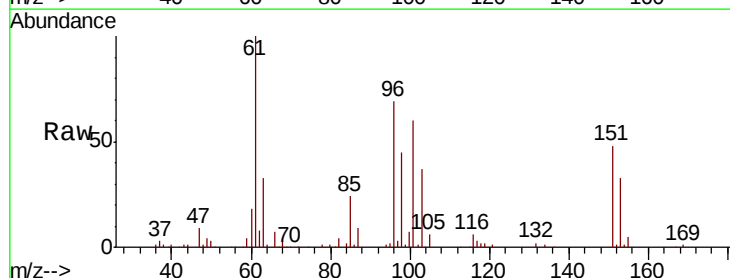
Tgt Ion: 59 Resp: 139817
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.9 11.9

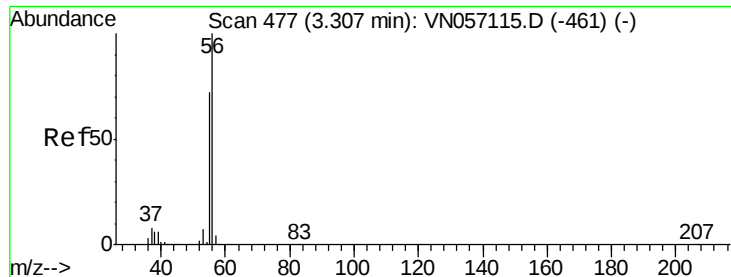


#12

1,1-Dichloroethene
 Concen: 18.643 ug/l
 RT: 3.43 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 96 Resp: 164676
 Ion Ratio Lower Upper
 96 100
 61 144.7 121.0 181.6
 98 64.4 50.8 76.2





#13

Acrolein

Concen: 58.577 ug/l

RT: 3.31 min Scan# 478

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

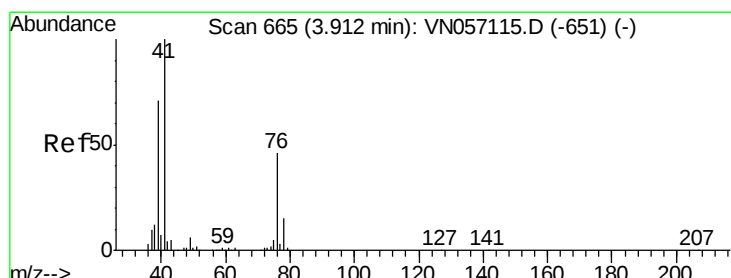
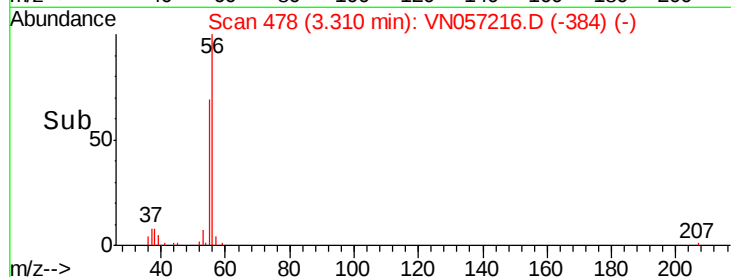
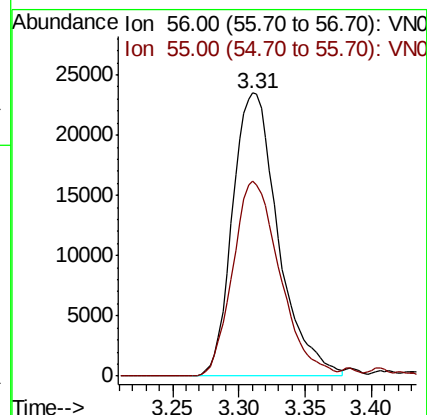
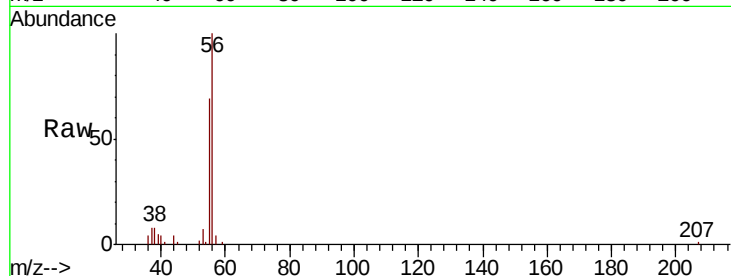
VN0812WBS02

Tgt Ion: 56 Resp: 56297

Ion Ratio Lower Upper

56 100

55 71.0 57.7 86.5



#14

Allyl chloride

Concen: 18.436 ug/l

RT: 3.91 min Scan# 666

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

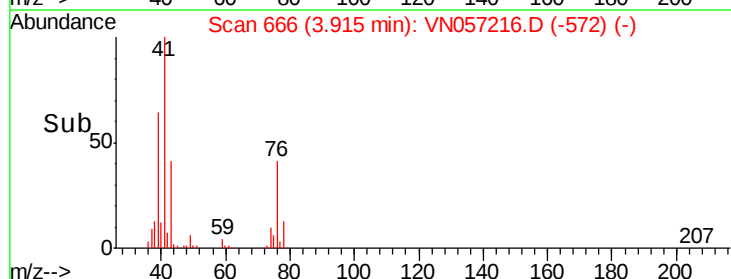
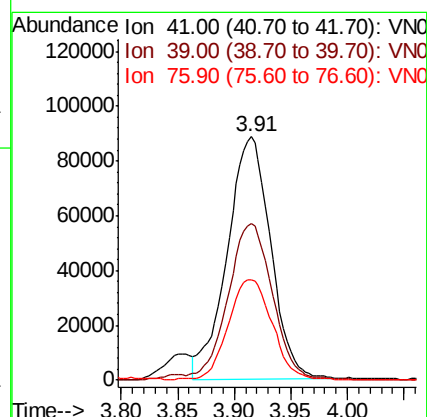
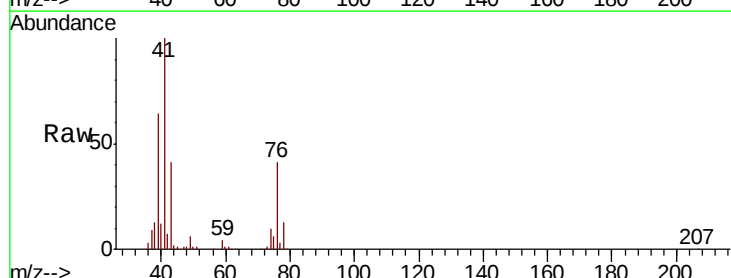
Tgt Ion: 41 Resp: 236660

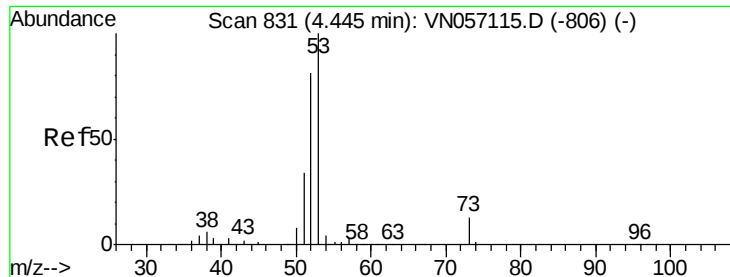
Ion Ratio Lower Upper

41 100

39 65.9 51.1 76.7

76 42.2 32.8 49.2





#15

Acrylonitrile

Concen: 99.149 ug/l

RT: 4.45 min Scan# 831

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

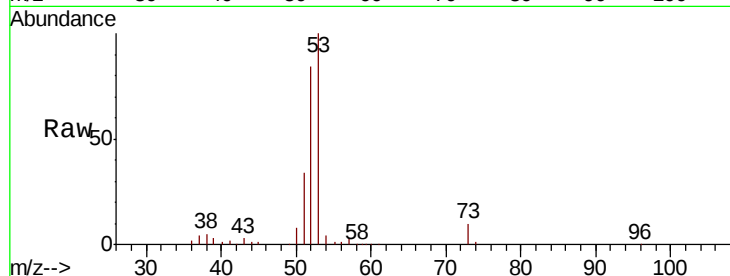
Tgt Ion: 53 Resp: 407667

Ion Ratio Lower Upper

53 100

52 81.9 64.9 97.3

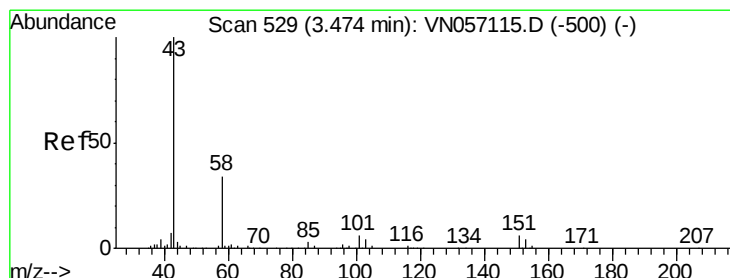
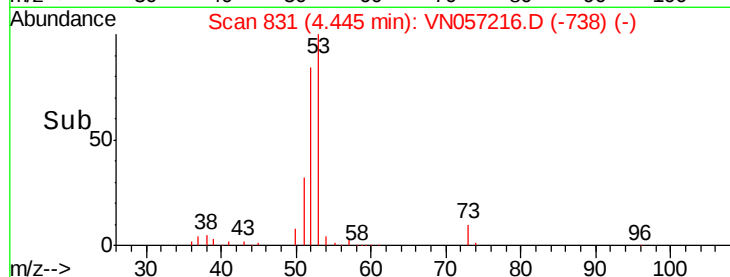
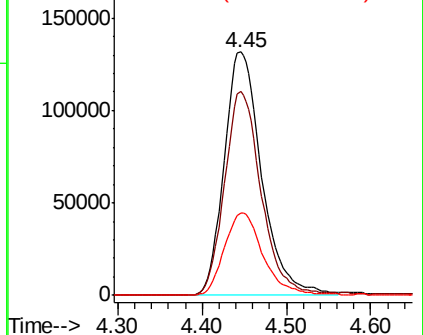
51 35.2 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 102.305 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057216.D

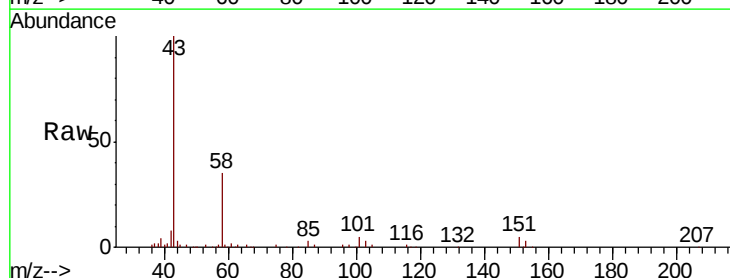
Acq: 12 Aug 2019 15:37

Tgt Ion: 43 Resp: 329841

Ion Ratio Lower Upper

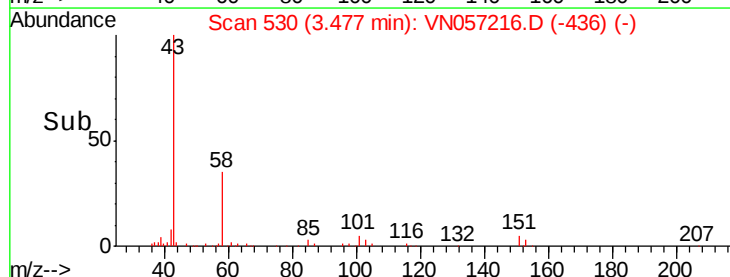
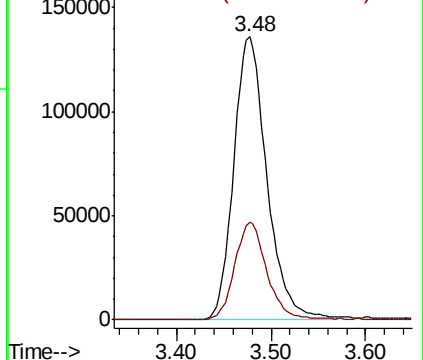
43 100

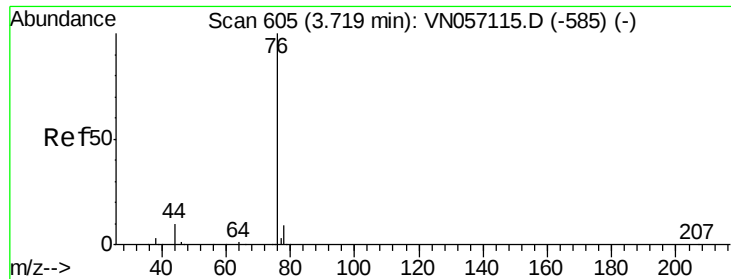
58 34.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

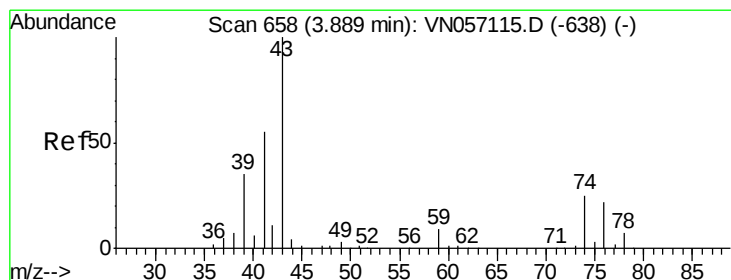
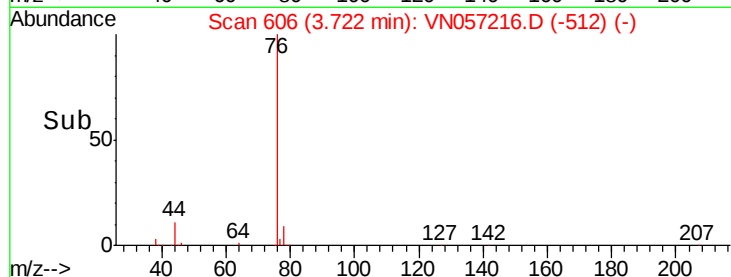
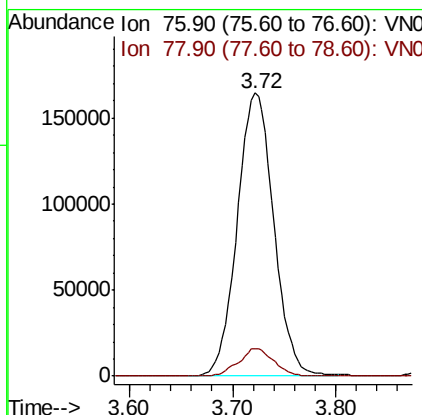
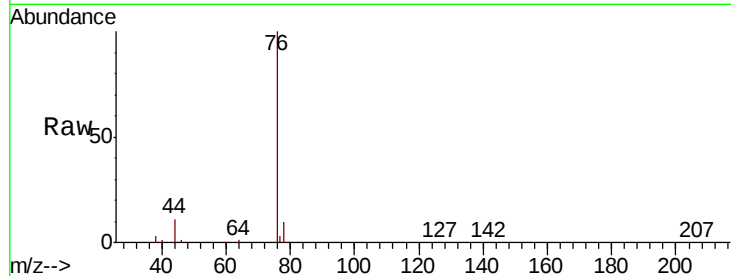




#17
Carbon Disulfide
Concen: 17.226 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

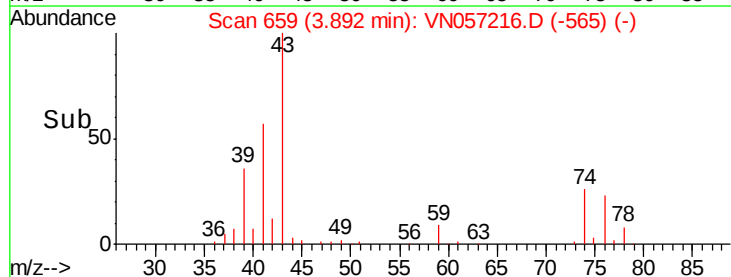
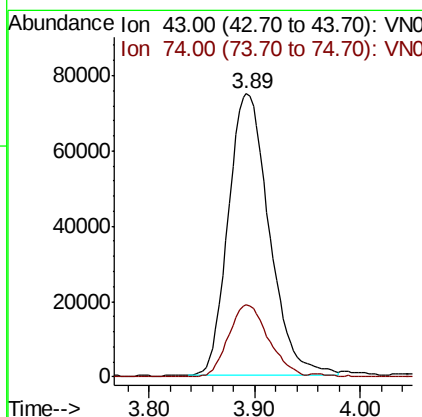
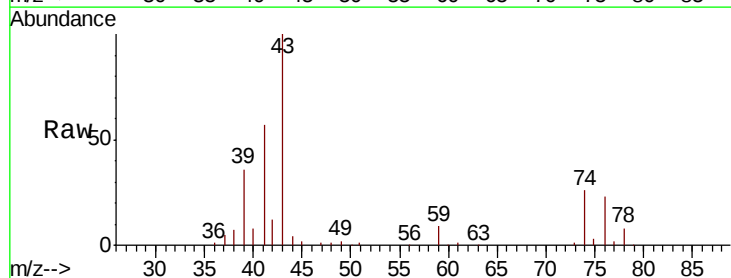
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

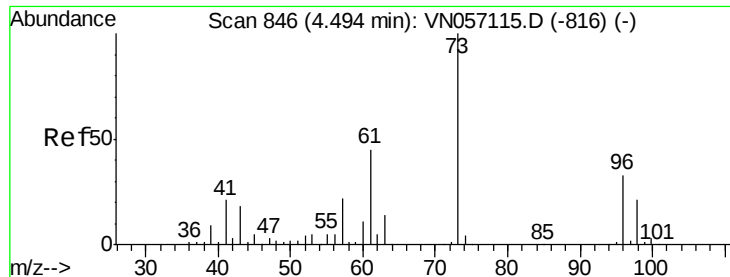
Tgt Ion: 76 Resp: 404782
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 20.557 ug/l
RT: 3.89 min Scan# 659
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion: 43 Resp: 201184
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.4

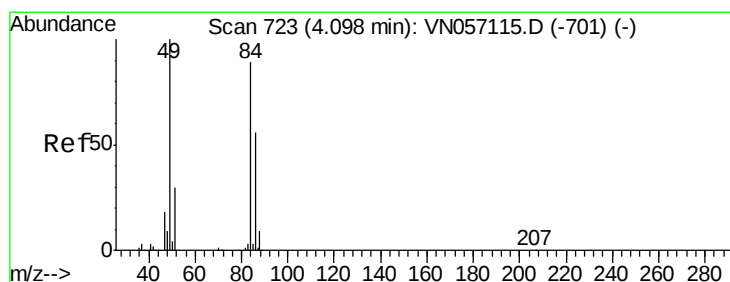
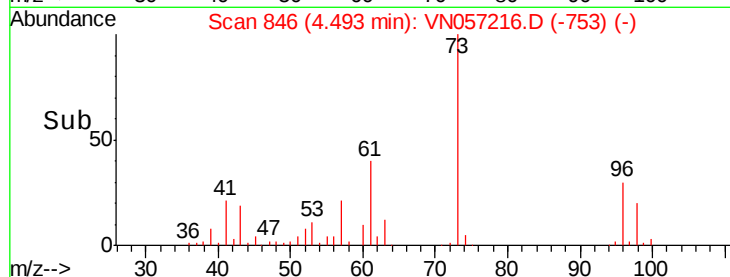
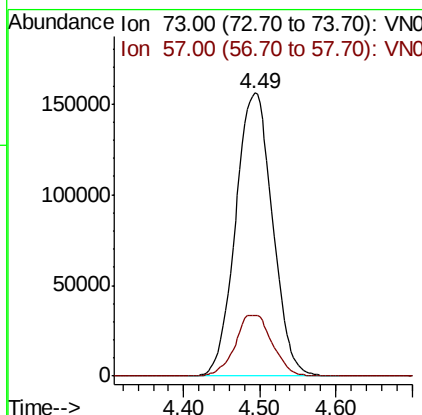
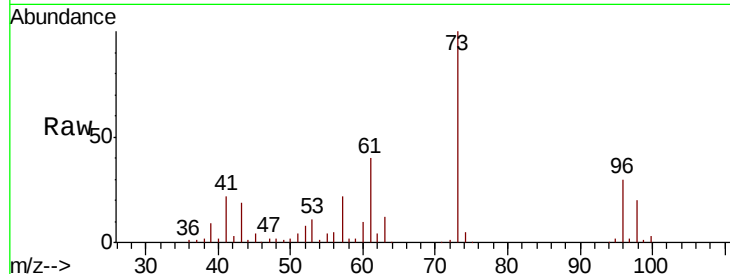




#19
Methyl tert-butyl Ether
Concen: 19.778 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

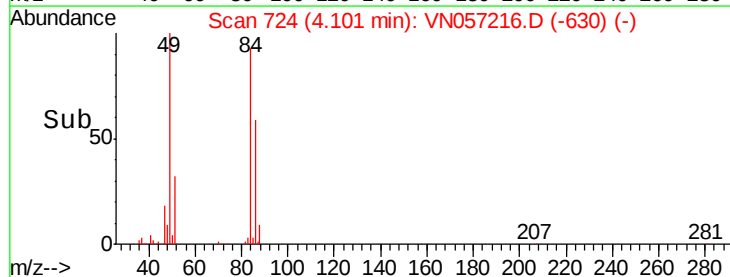
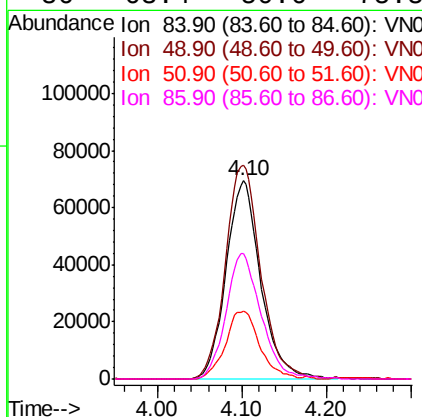
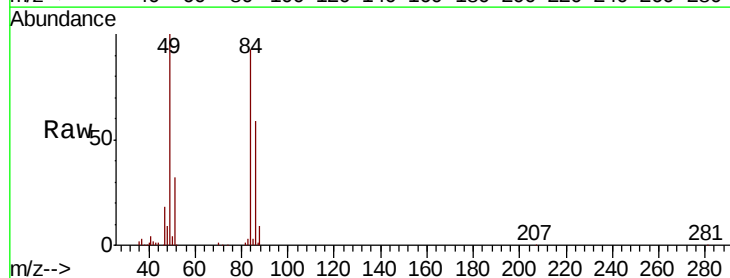
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

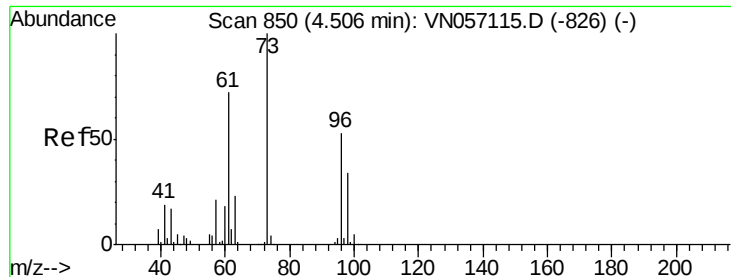
Tgt Ion: 73 Resp: 527409
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 18.658 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion: 84 Resp: 198526
Ion Ratio Lower Upper
84 100
49 107.7 89.5 134.3
51 34.1 27.2 40.8
86 63.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 18.631 ug/l

RT: 4.51 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

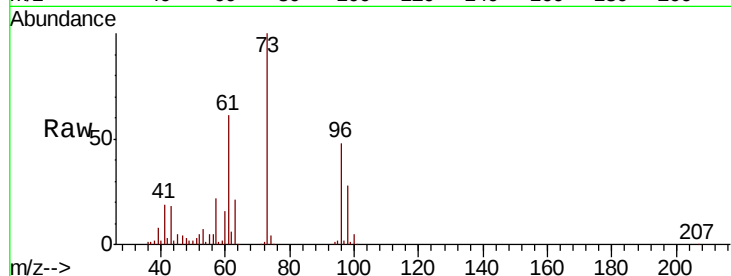
Tgt Ion: 96 Resp: 179272

Ion Ratio Lower Upper

96 100

61 128.1 108.1 162.1

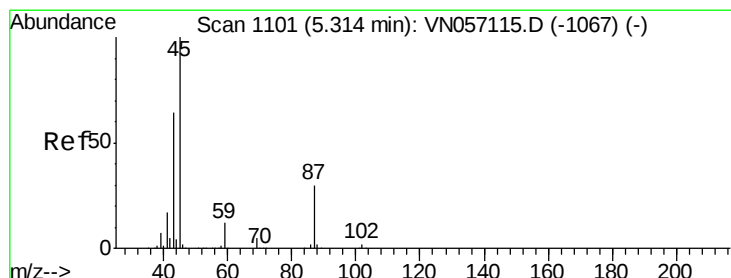
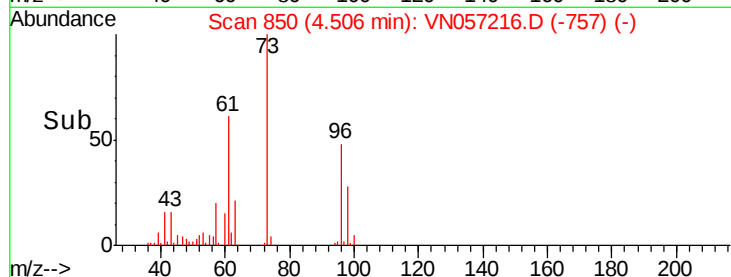
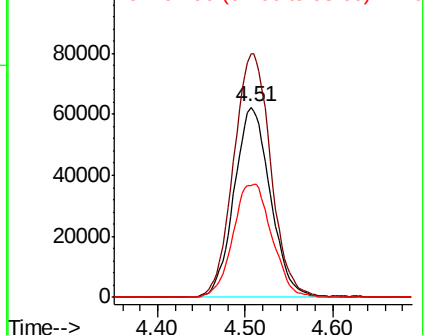
98 59.1 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.336 ug/l

RT: 5.32 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Tgt Ion: 45 Resp: 541398

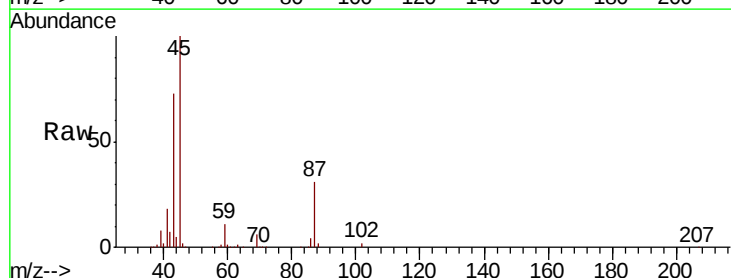
Ion Ratio Lower Upper

45 100

43 71.2 54.1 81.1

87 31.2 24.0 36.0

59 11.2 10.0 15.0

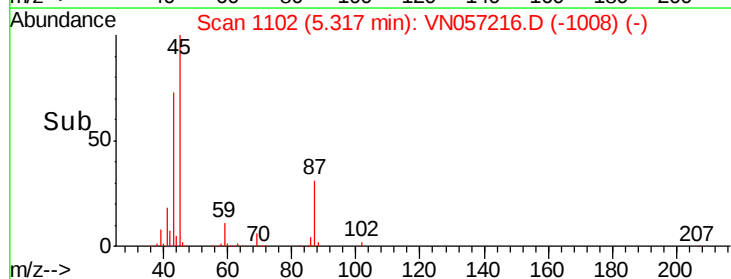
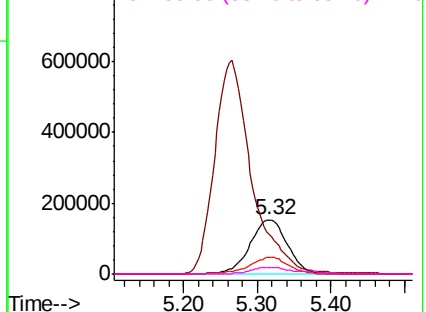


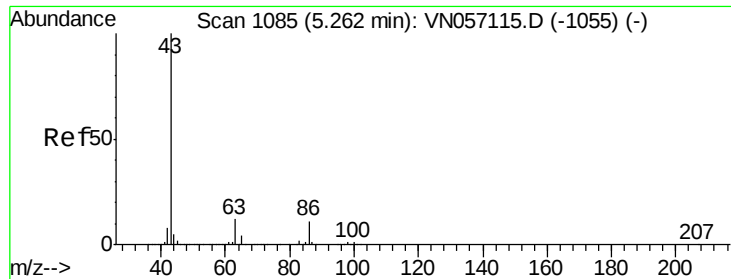
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

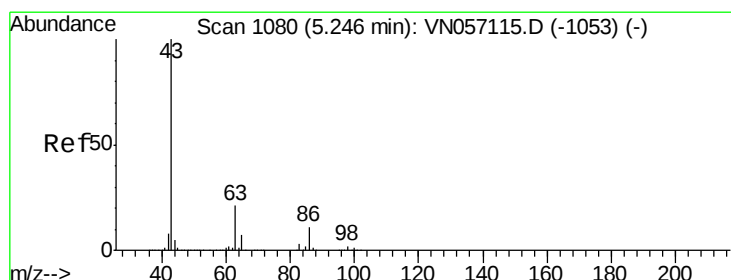
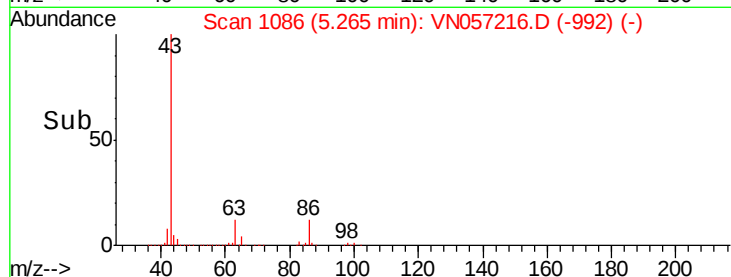
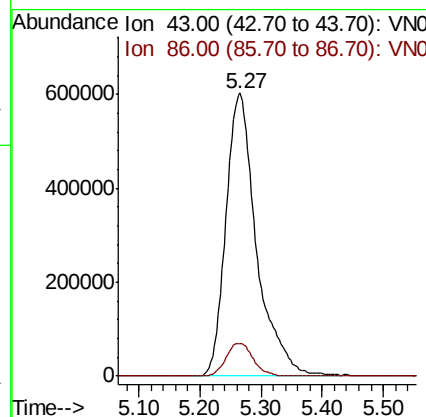
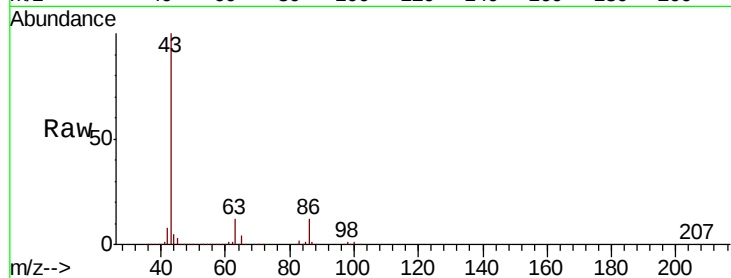




#23
 Vinyl Acetate
 Concen: 98.181 ug/l
 RT: 5.27 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

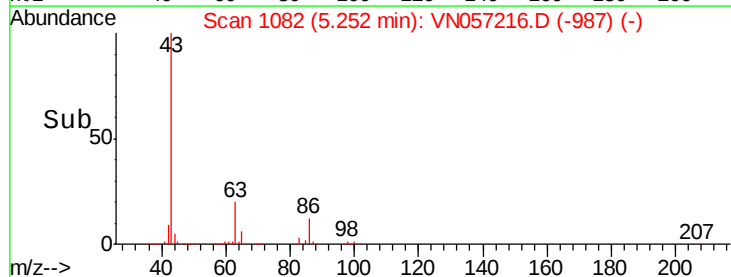
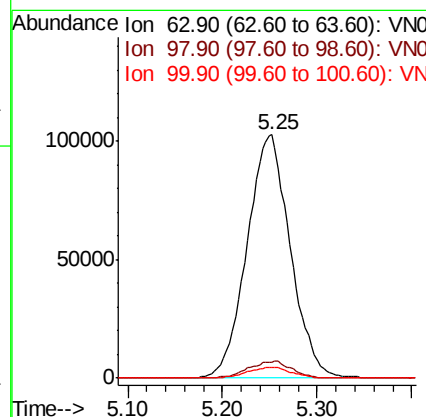
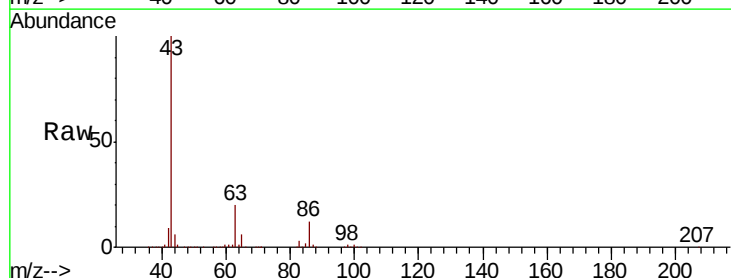
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

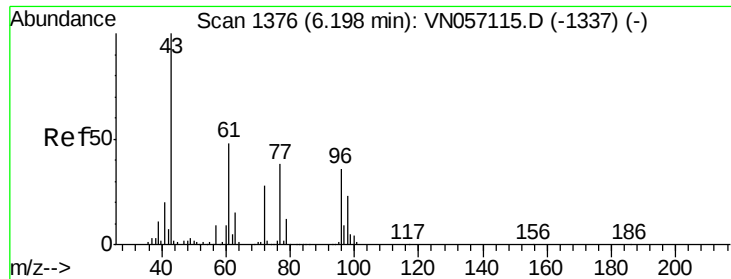
Tgt Ion: 43 Resp: 2105091
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 18.897 ug/l
 RT: 5.25 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 63 Resp: 325265
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.4 2.1 6.3

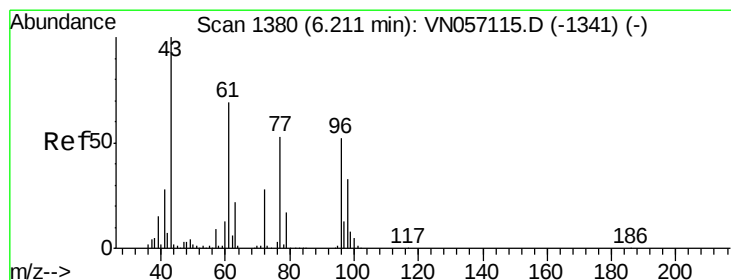
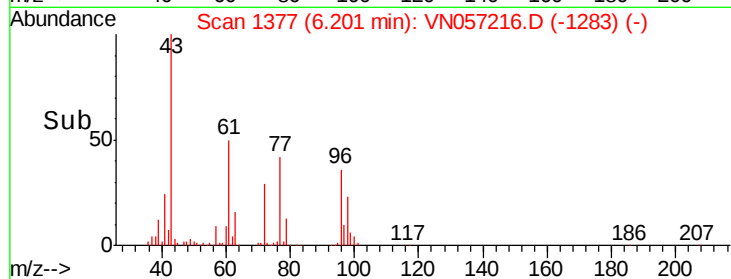
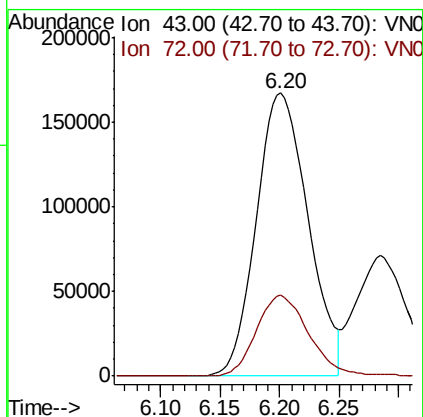
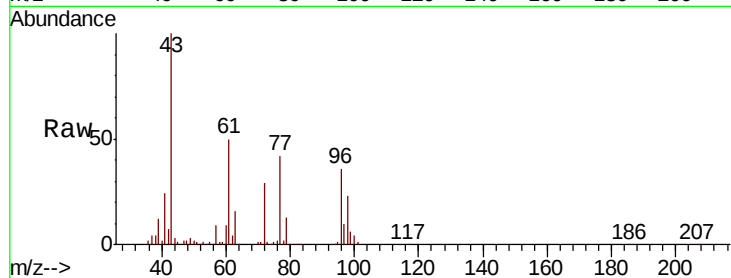




#25
2-Butanone
Concen: 102.197 ug/l
RT: 6.20 min Scan# 1377
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

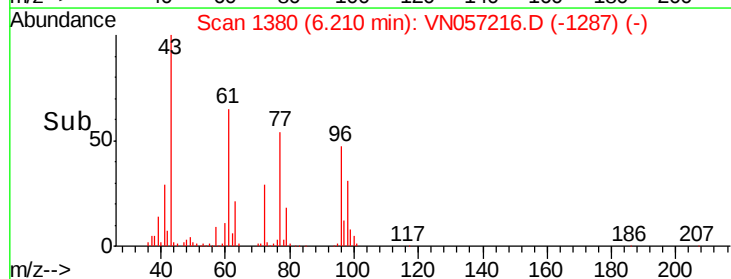
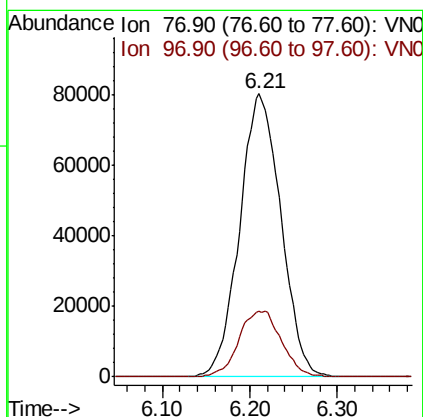
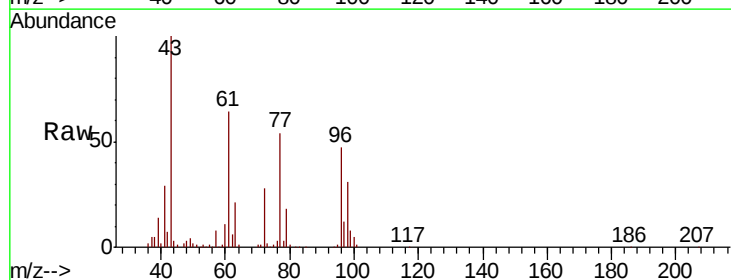
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

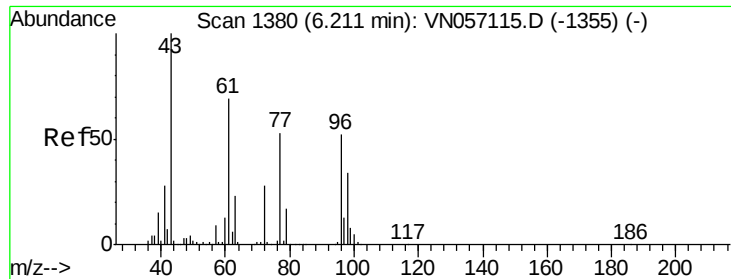
Tgt Ion: 43 Resp: 503416
Ion Ratio Lower Upper
43 100
72 28.6 22.2 33.4



#26
2,2-Dichloropropane
Concen: 20.951 ug/l
RT: 6.21 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion: 77 Resp: 262361
Ion Ratio Lower Upper
77 100
97 24.0 12.3 36.8

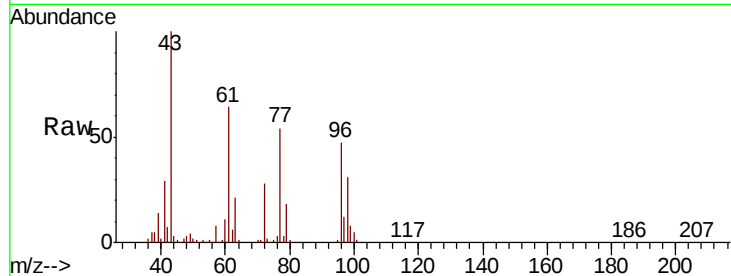




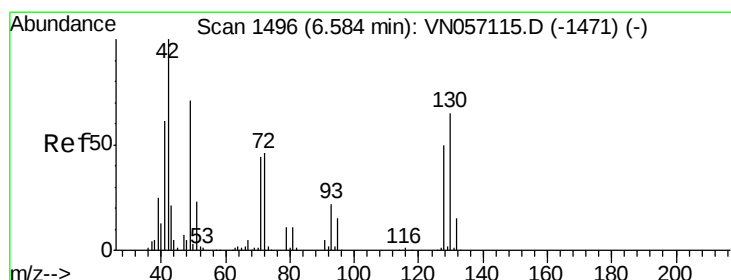
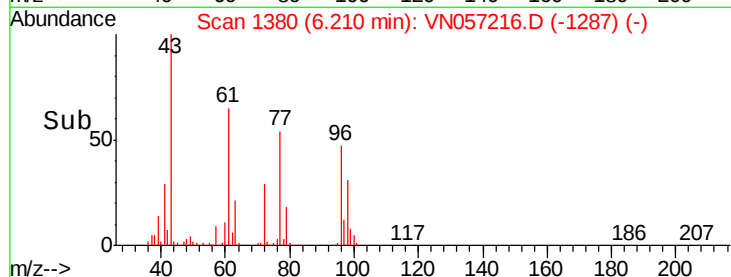
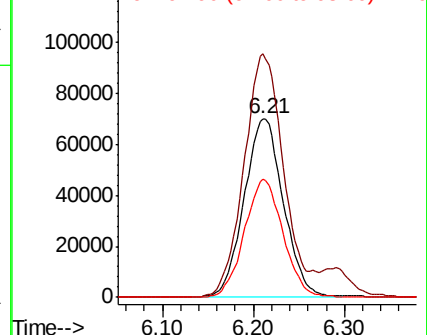
#27
 cis-1,2-Dichloroethene
 Concen: 19.114 ug/l
 RT: 6.21 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tgt Ion: 96 Resp: 210698
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 273.4
 98 64.9 0.0 130.4

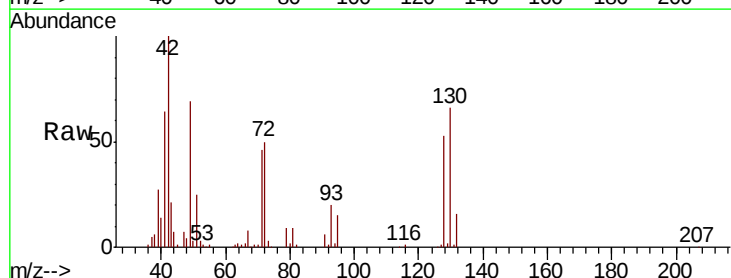


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

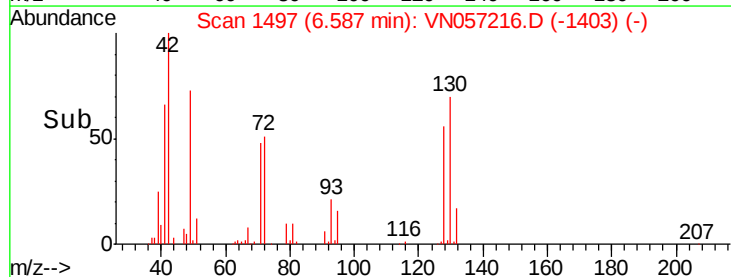
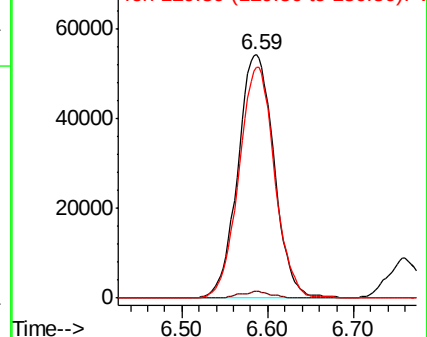


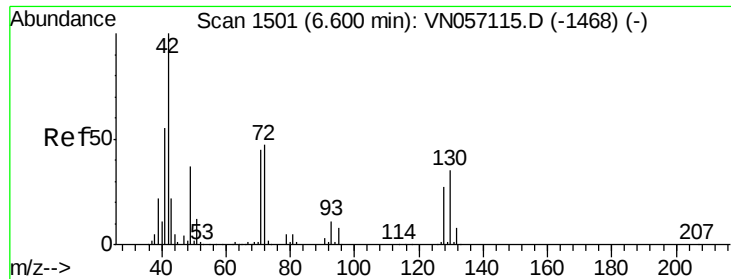
#28
 Bromochloromethane
 Concen: 20.057 ug/l
 RT: 6.59 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 49 Resp: 158789
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 93.3 73.8 110.8



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





#29

Tetrahydrofuran

Concen: 99.750 ug/l

RT: 6.60 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS02

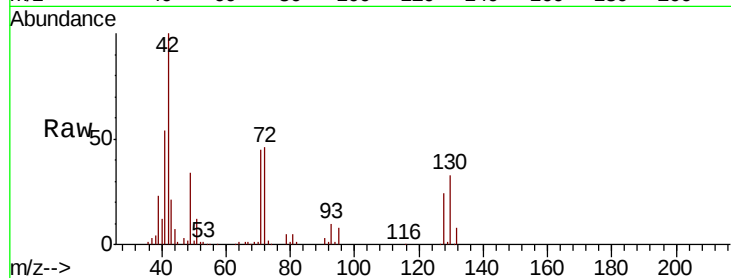
Tgt Ion: 42 Resp: 331003

Ion Ratio Lower Upper

42 100

72 47.7 37.1 55.7

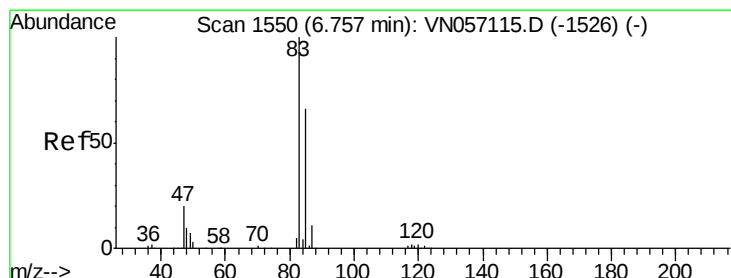
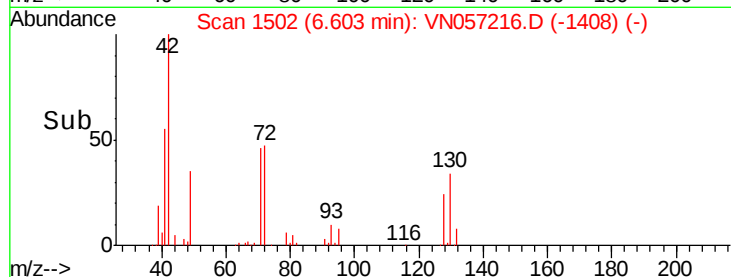
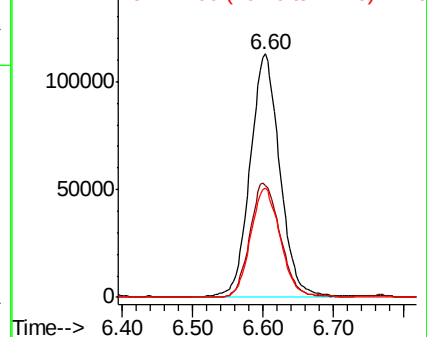
71 44.6 34.8 52.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.294 ug/l

RT: 6.76 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VN057216.D

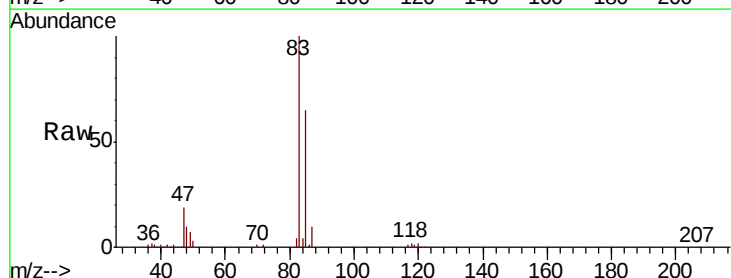
Acq: 12 Aug 2019 15:37

Tgt Ion: 83 Resp: 343711

Ion Ratio Lower Upper

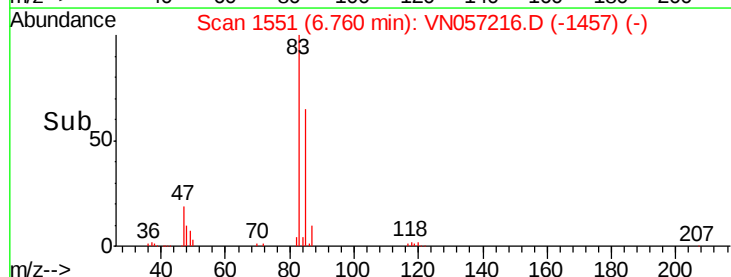
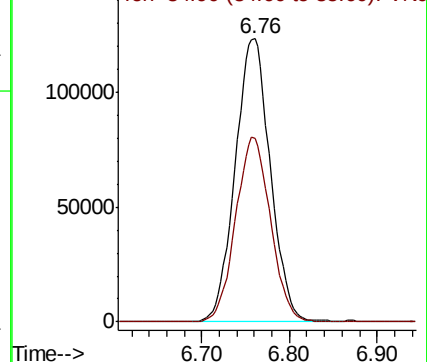
83 100

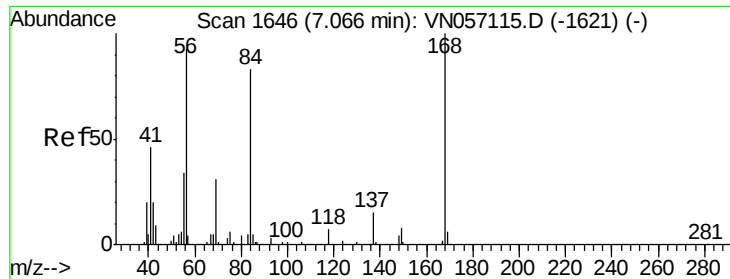
85 65.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

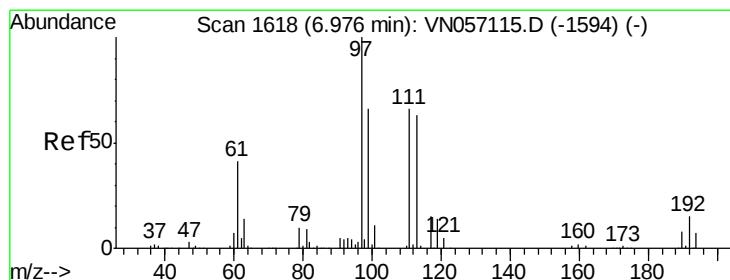
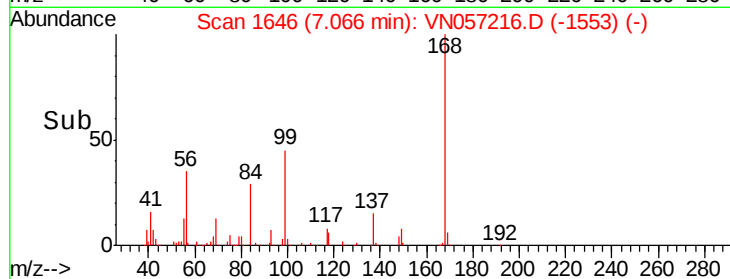
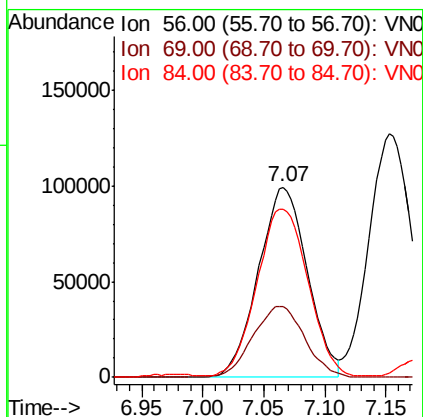
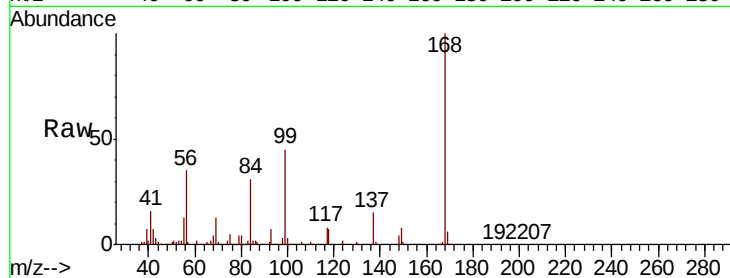




#31
Cyclohexane
Concen: 17.927 ug/l
RT: 7.07 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

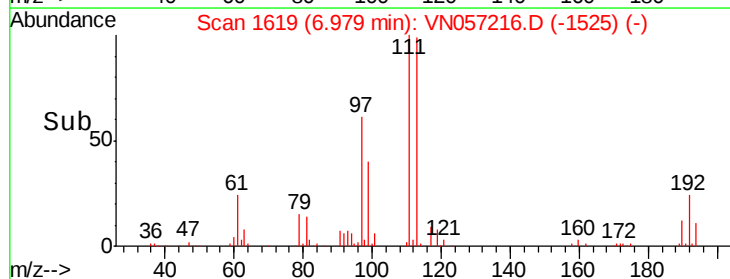
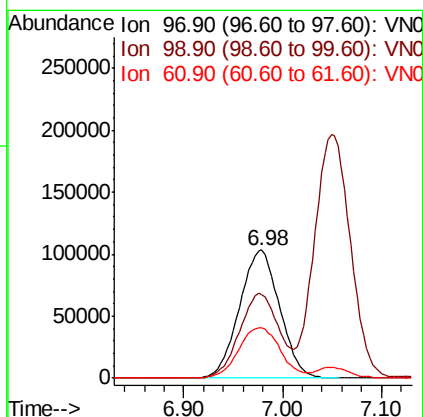
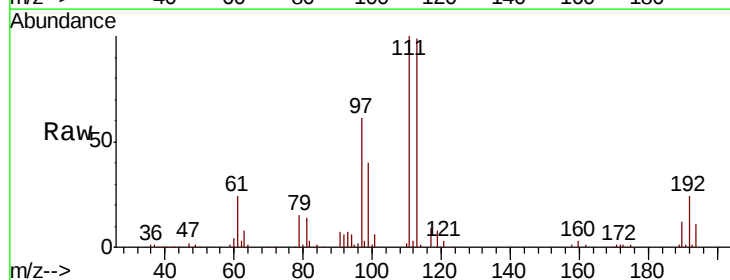
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS02

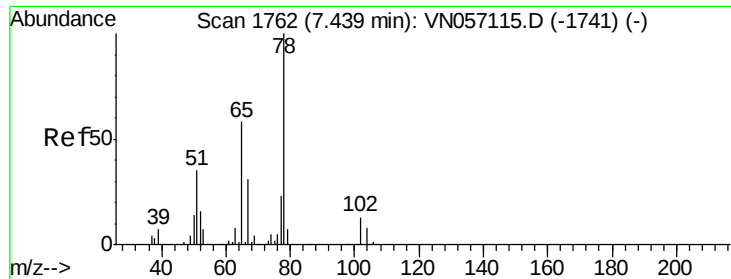
Tgt Ion: 56 Resp: 277607
Ion Ratio Lower Upper
56 100
69 37.2 26.9 40.3
84 87.1 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 19.446 ug/l
RT: 6.98 min Scan# 1619
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion: 97 Resp: 290611
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 41.4 32.7 49.1

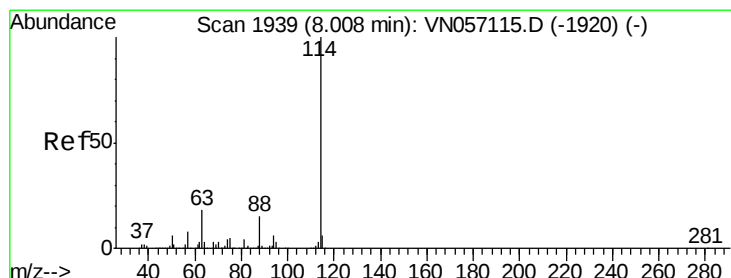
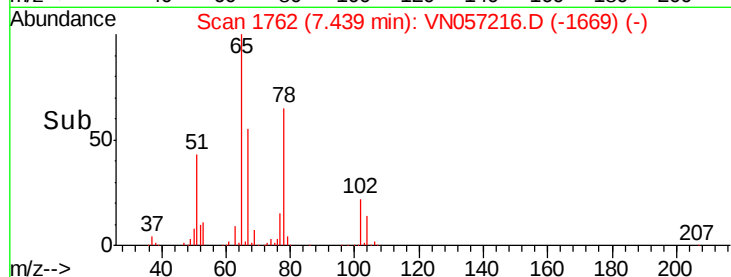
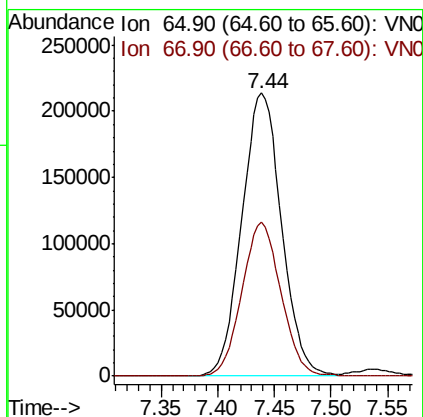
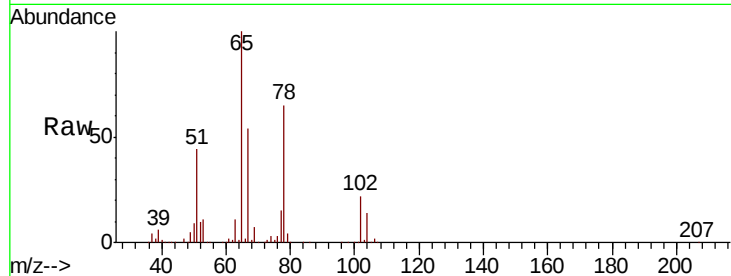




#33
 1,2-Dichloroethane-d4
 Concen: 48.924 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

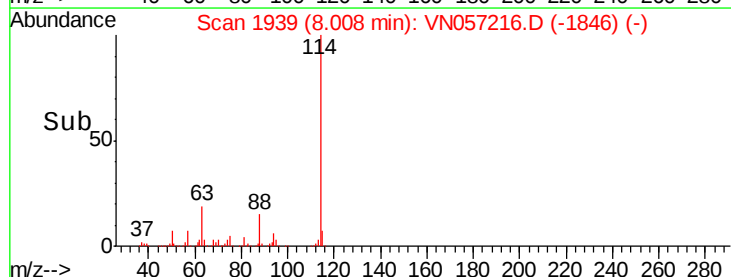
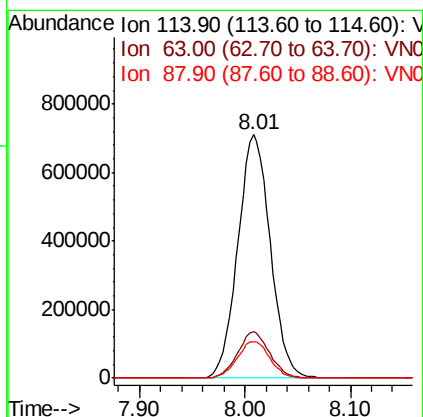
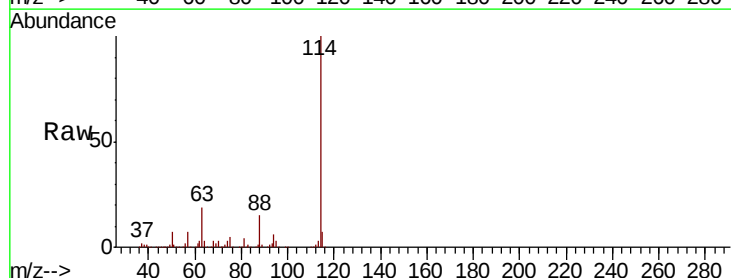
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

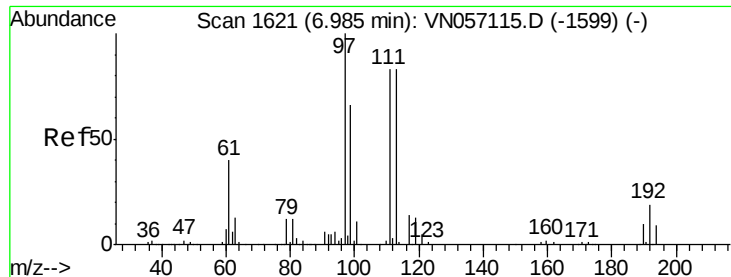
Tgt Ion: 65 Resp: 522298
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 114 Resp: 1519001
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.2
 88 15.0 0.0 30.0

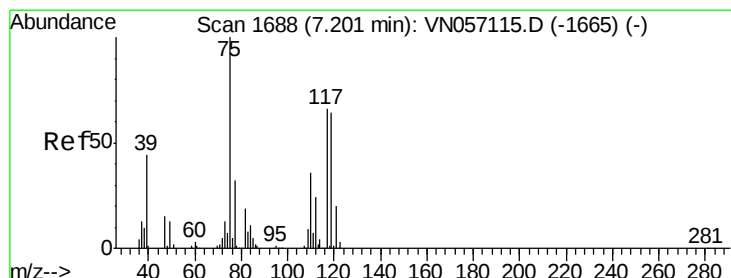
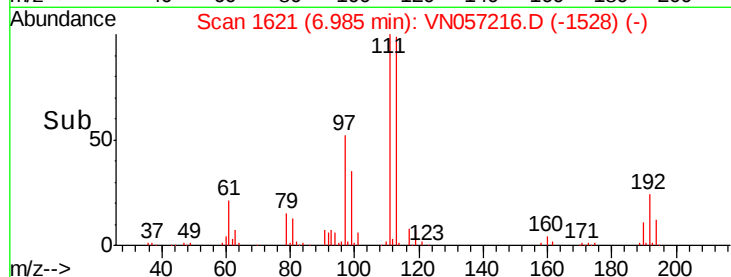
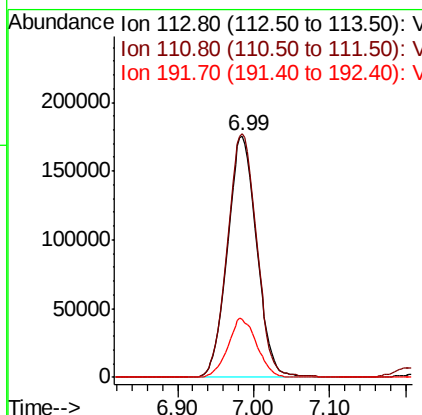
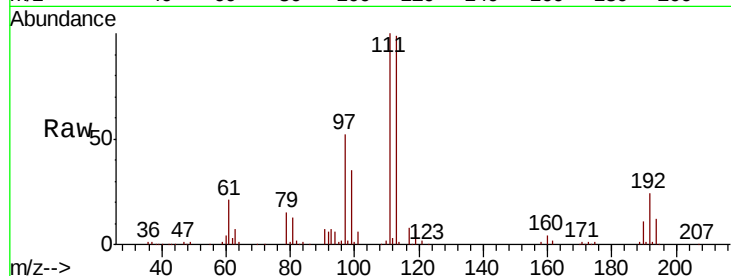




#35
 Dibromofluoromethane
 Concen: 49.068 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

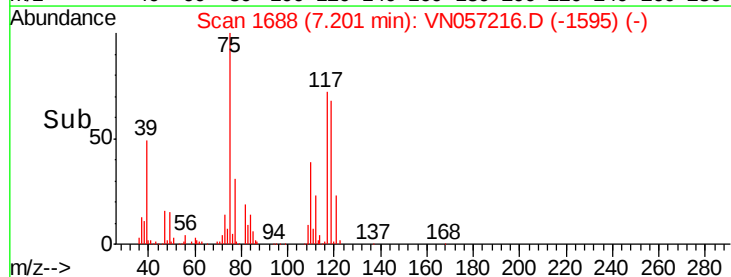
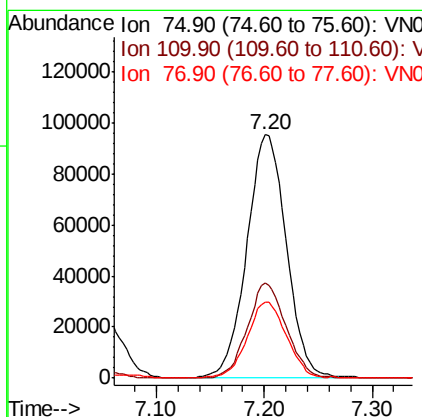
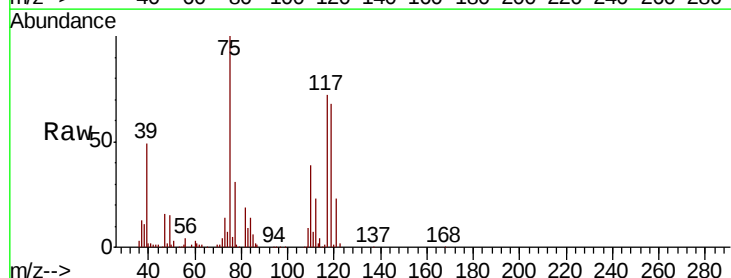
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

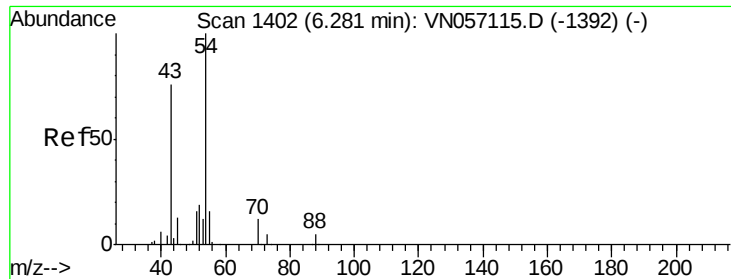
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	24.3	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 19.458 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.7	56.1
77	31.1	25.0	37.4

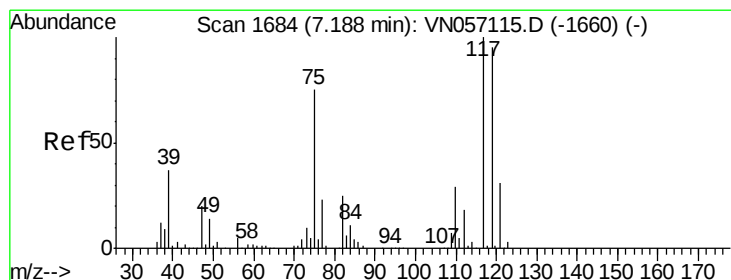
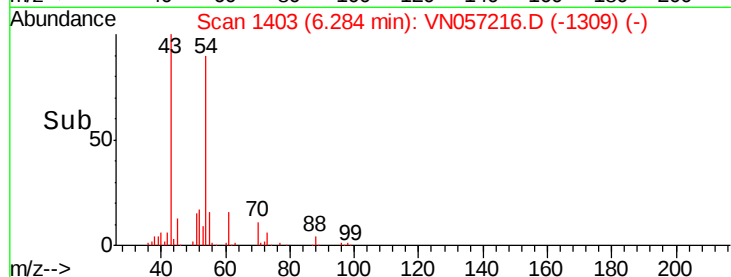
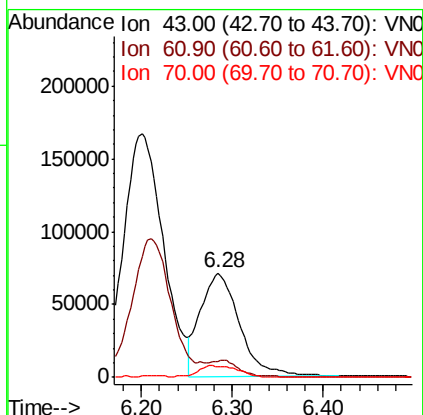
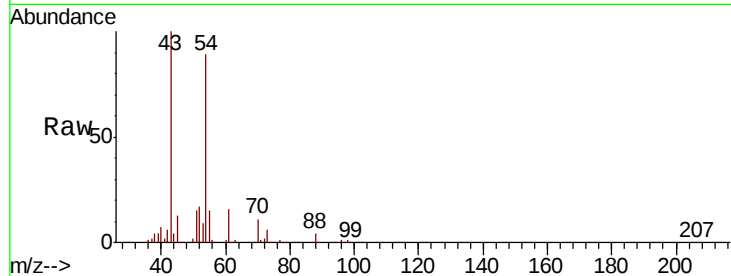




#37
 Ethyl Acetate
 Concen: 20.520 ug/l
 RT: 6.28 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

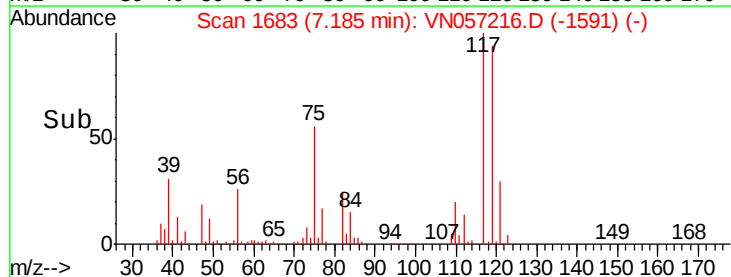
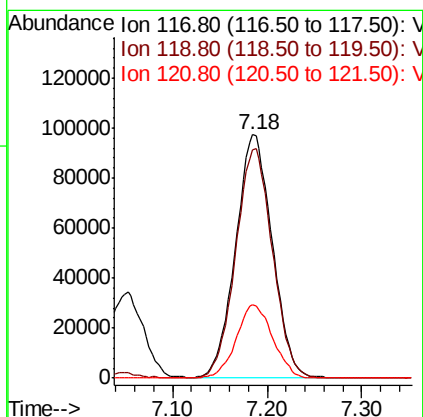
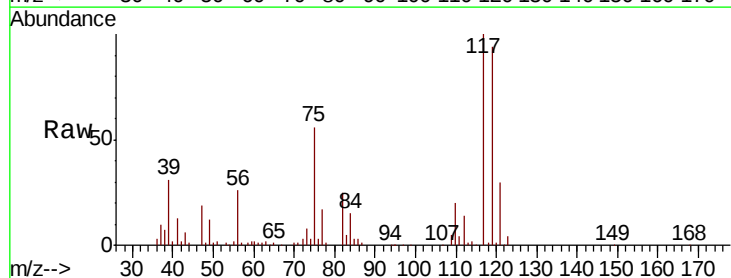
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

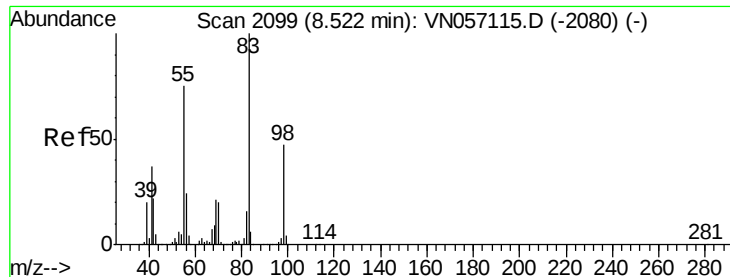
Tgt Ion: 43 Resp: 211636
 Ion Ratio Lower Upper
 43 100
 61 0.0 0.0 0.0
 70 11.4 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 20.169 ug/l
 RT: 7.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 117 Resp: 262884
 Ion Ratio Lower Upper
 117 100
 119 93.8 75.8 113.6
 121 30.3 24.4 36.6

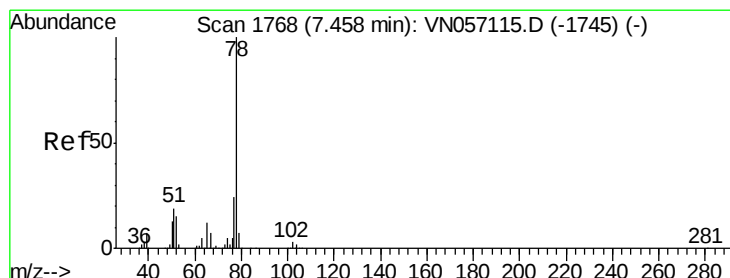
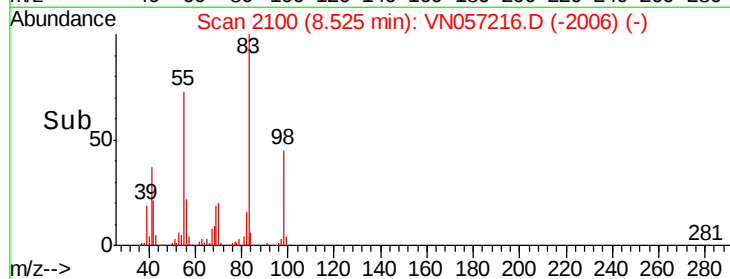
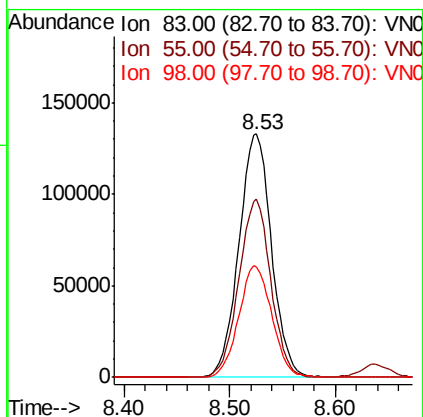
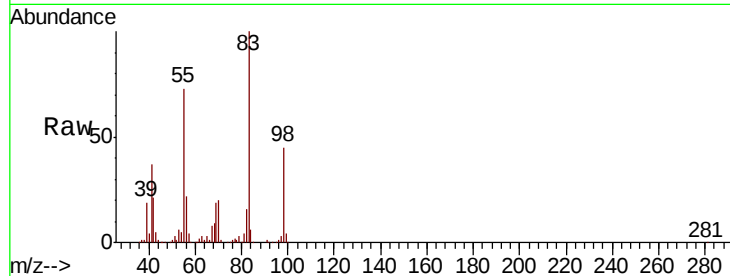




#39
Methylcyclohexane
Concen: 18.821 ug/l
RT: 8.53 min Scan# 2100
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

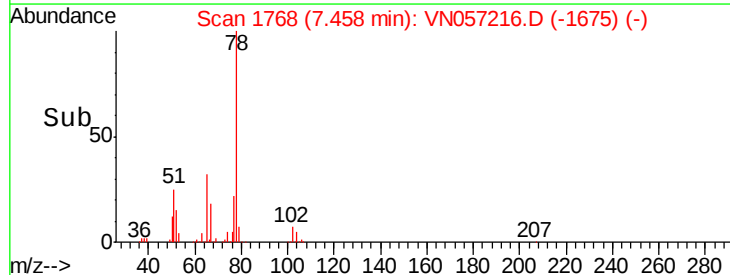
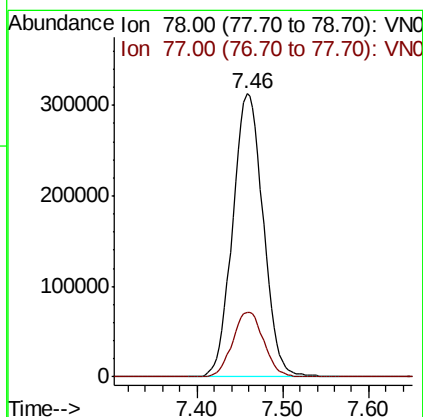
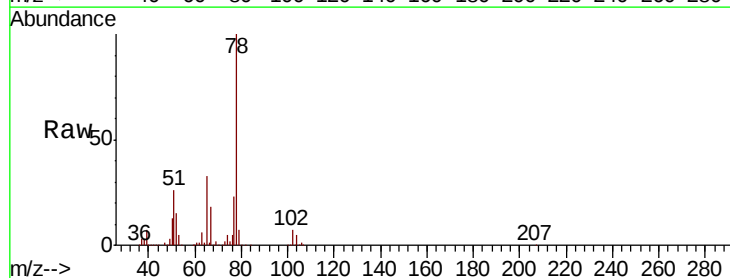
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

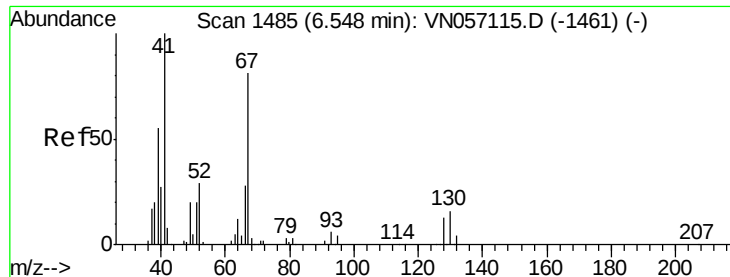
Tgt Ion: 83 Resp: 286250
Ion Ratio Lower Upper
83 100
55 73.4 60.3 90.5
98 45.5 37.9 56.9



#40
Benzene
Concen: 19.498 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion: 78 Resp: 771997
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8

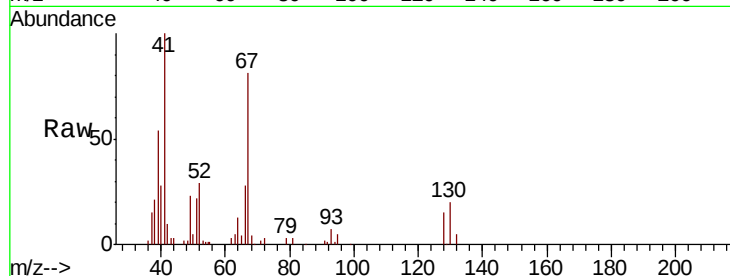




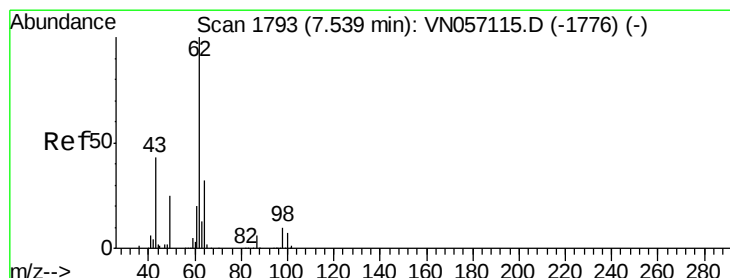
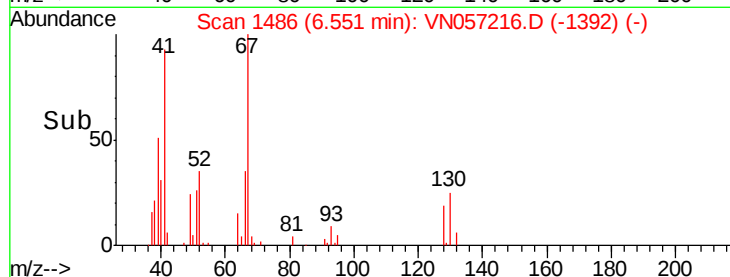
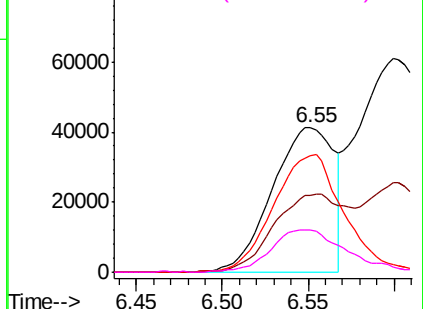
#41
Methacrylonitrile
Concen: 19.627 ug/l
RT: 6.55 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tgt Ion:	41	Resp:	102787
Ion	Ratio	Lower	Upper
41	100		
39	64.1	44.9	67.3
67	93.1	69.1	103.7
52	36.3	25.8	38.6

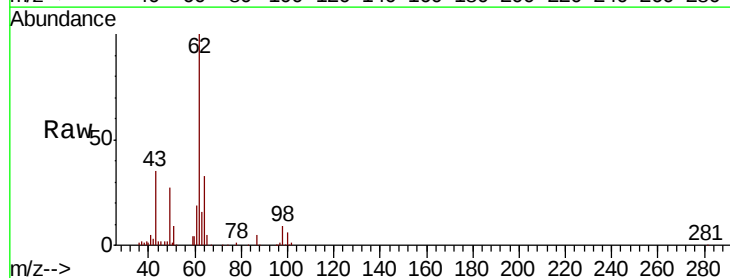


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

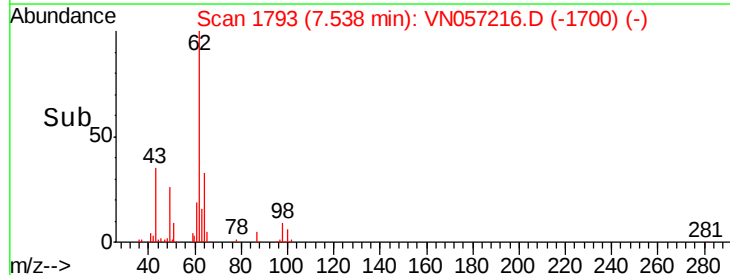
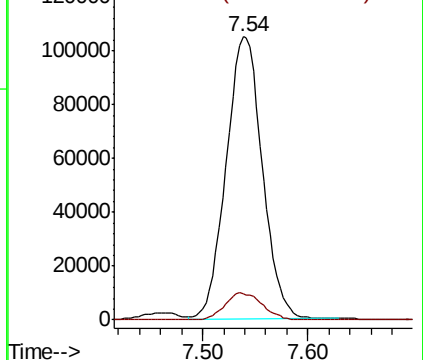


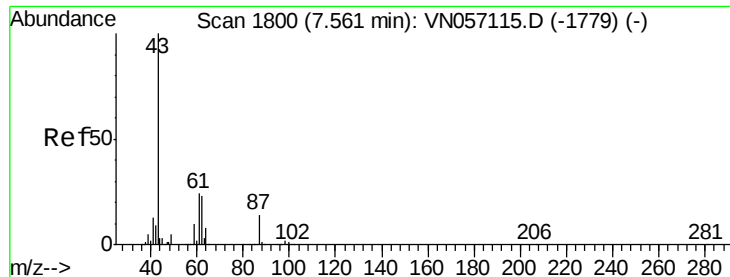
#42
1,2-Dichloroethane
Concen: 19.742 ug/l
RT: 7.54 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion:	62	Resp:	249279
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 20.798 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

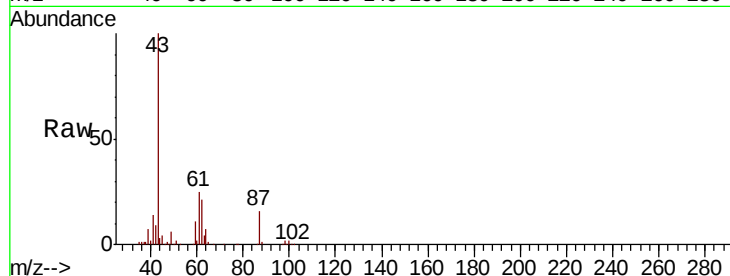
Tgt Ion: 43 Resp: 365914

Ion Ratio Lower Upper

43 100

61 28.2 24.2 36.2

87 14.4 11.8 17.8

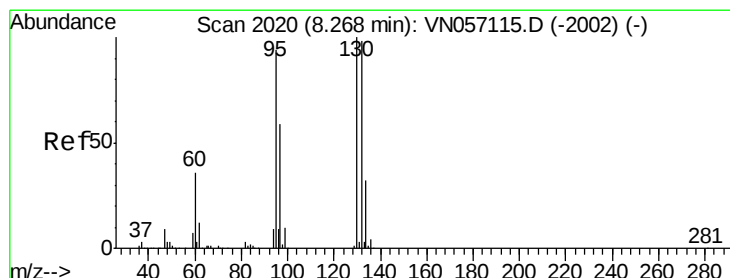
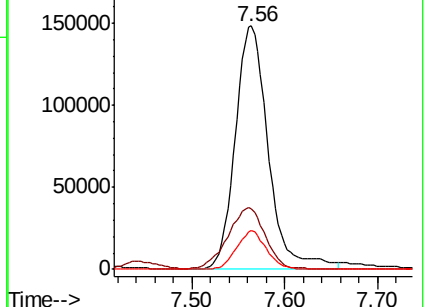
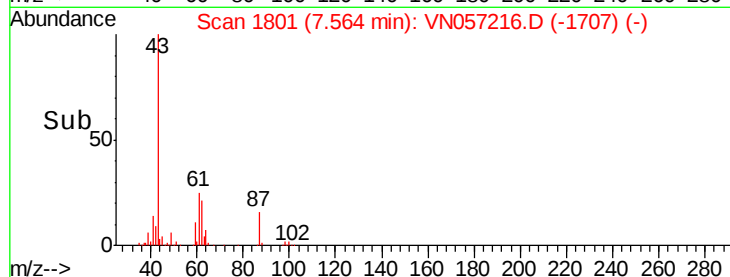


Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057115.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1779) (-)

Time-->



#44

Trichloroethene

Concen: 19.434 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.00 min

Lab File: VN057216.D

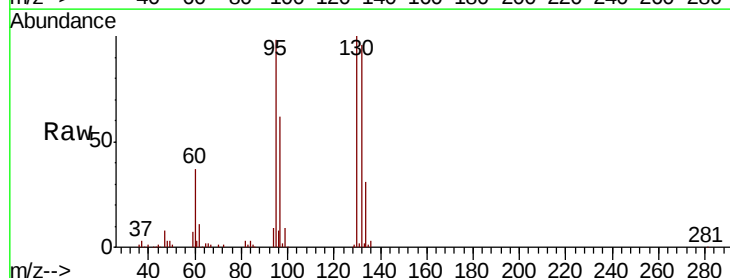
Acq: 12 Aug 2019 15:37

Tgt Ion: 130 Resp: 215565

Ion Ratio Lower Upper

130 100

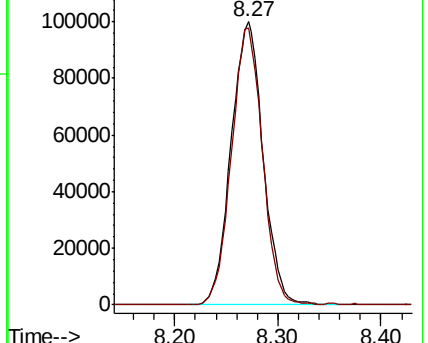
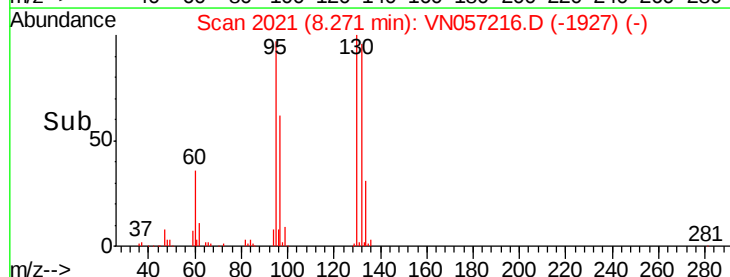
95 97.7 0.0 187.4

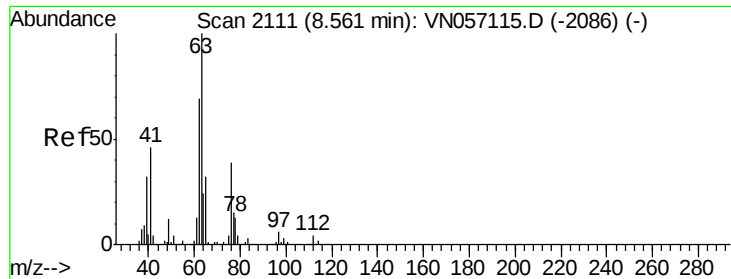


Abundance Ion 129.80 (129.50 to 130.50): VN057115.D (-2002) (-)

Ion 94.90 (94.60 to 95.60): VN057115.D (-2002) (-)

Time-->

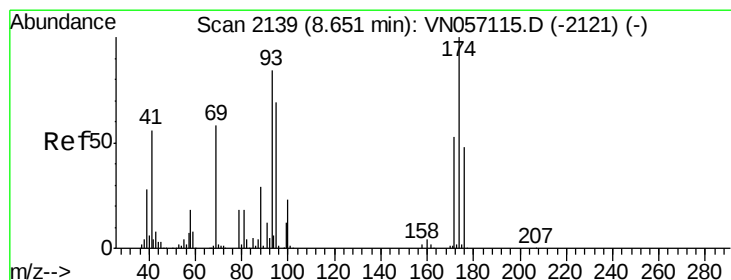
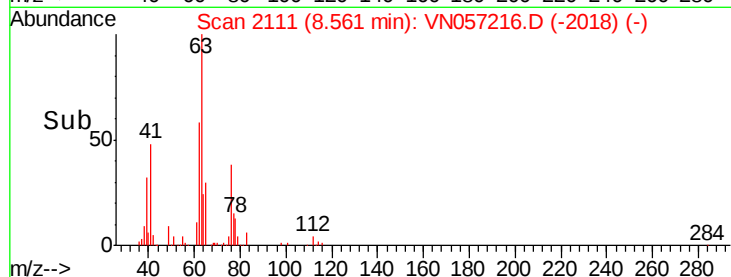
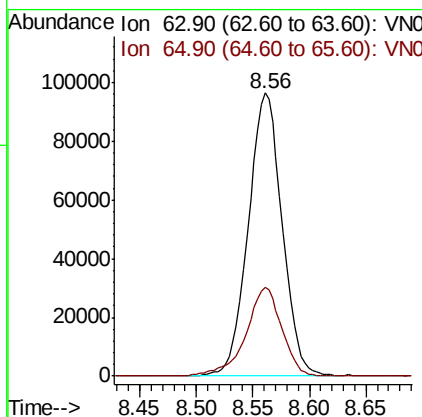
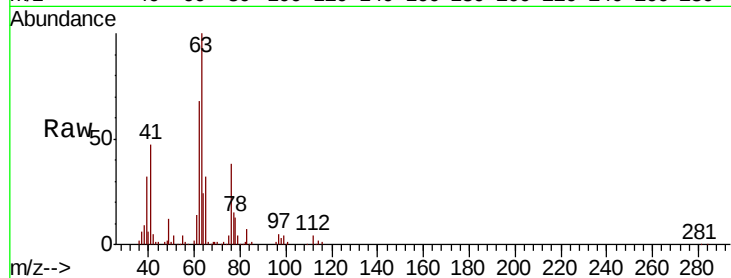




#45
 1,2-Dichloropropane
 Concen: 19.539 ug/l
 RT: 8.56 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

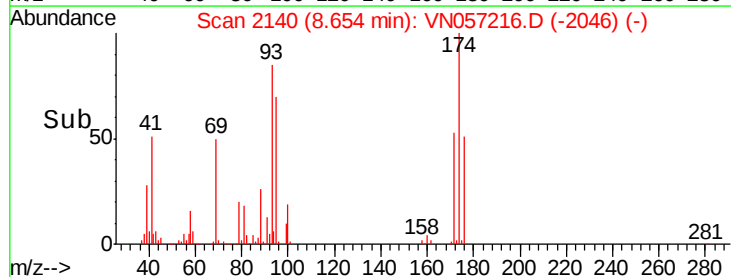
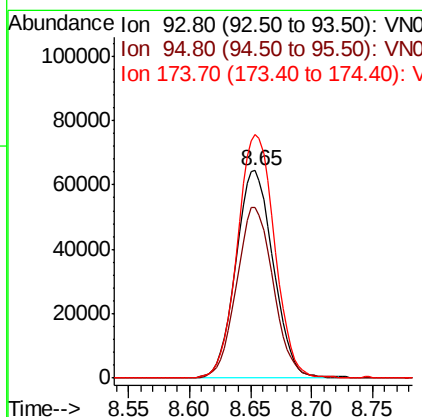
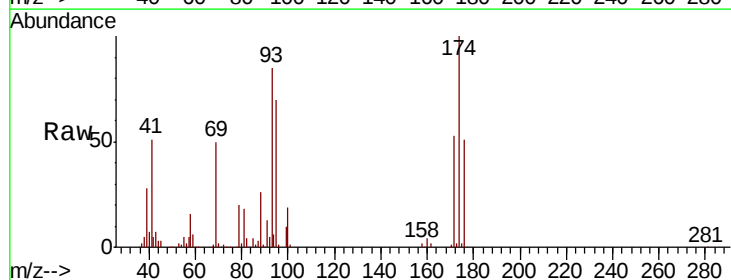
Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS02

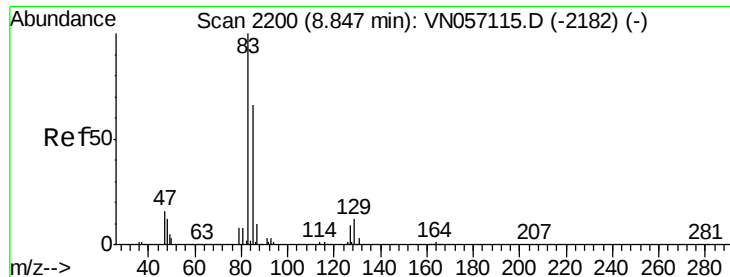
Tgt Ion: 63 Resp: 200302
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.2 37.8



#46
 Dibromomethane
 Concen: 20.848 ug/l
 RT: 8.65 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 93 Resp: 137039
 Ion Ratio Lower Upper
 93 100
 95 80.6 66.0 99.0
 174 116.6 96.0 144.0





#47

Bromodichloromethane

Concen: 20.461 ug/l

RT: 8.85 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

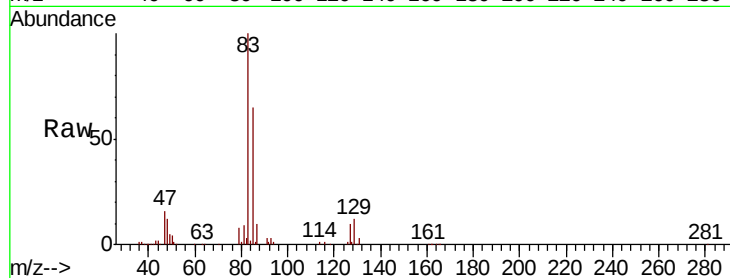
Tgt Ion: 83 Resp: 260235

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8

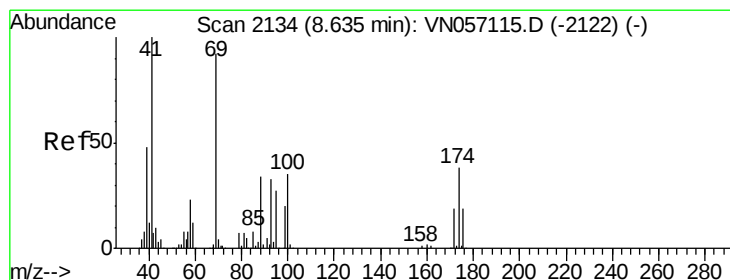
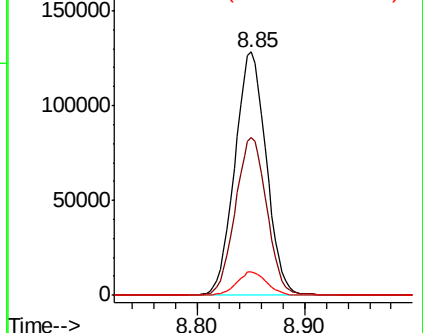
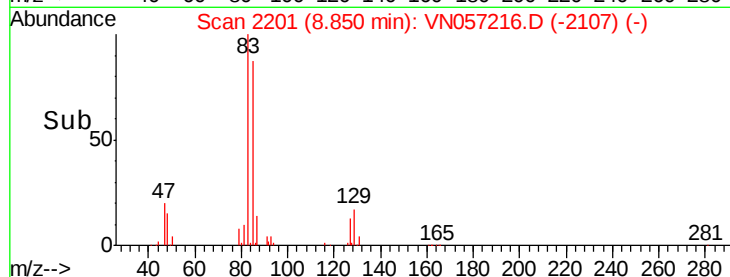
127 9.5 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.790 ug/l

RT: 8.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

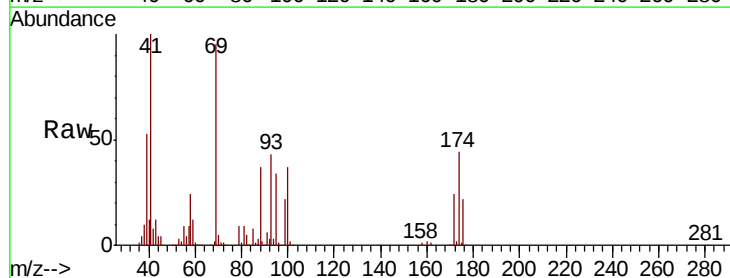
Tgt Ion: 41 Resp: 155890

Ion Ratio Lower Upper

41 100

69 100.1 77.5 116.3

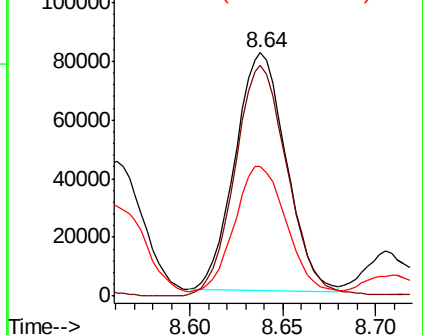
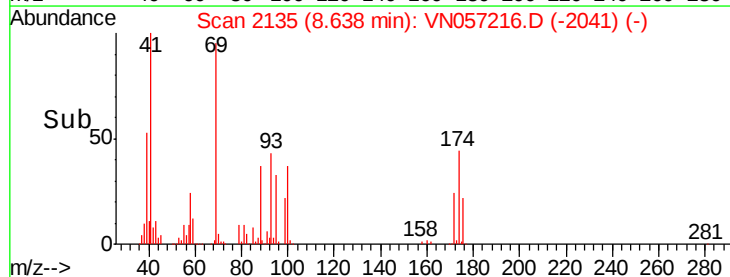
39 52.9 39.8 59.6

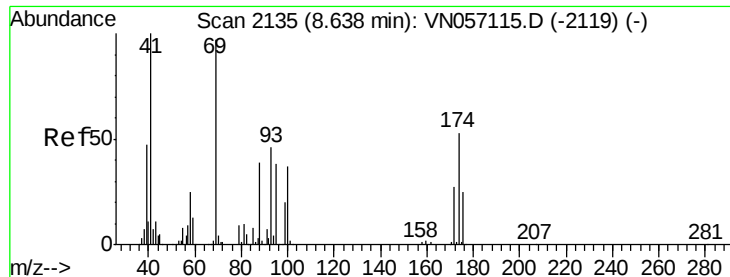


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

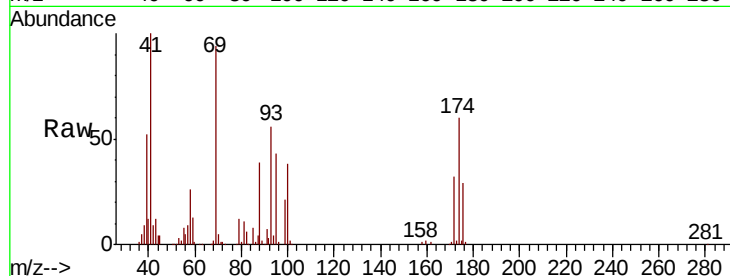




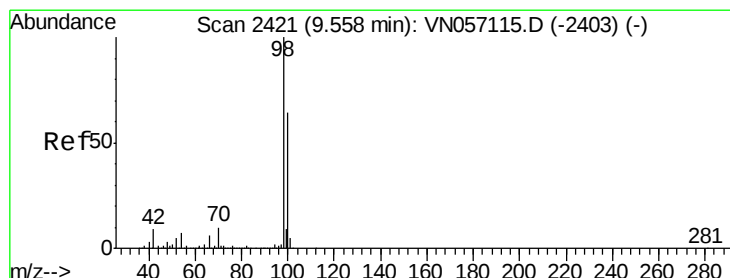
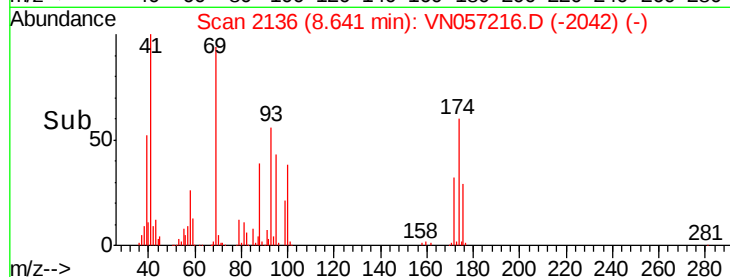
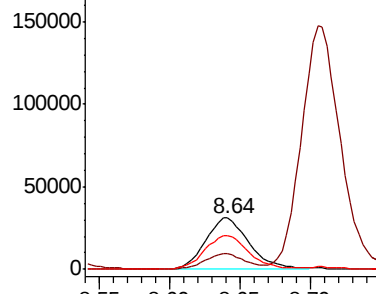
#49
1,4-Dioxane
Concen: 400.688 ug/l
RT: 8.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tgt Ion: 88 Resp: 67704
Ion Ratio Lower Upper
88 100
43 26.6 21.7 32.5
58 65.9 51.1 76.7

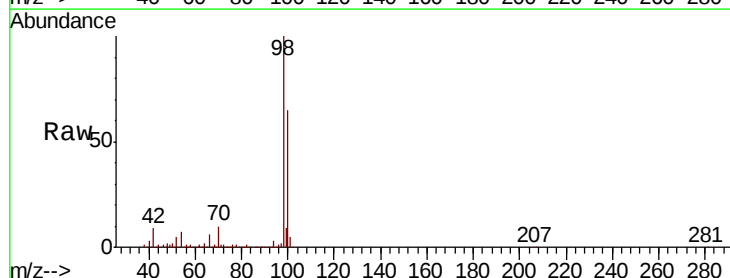


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

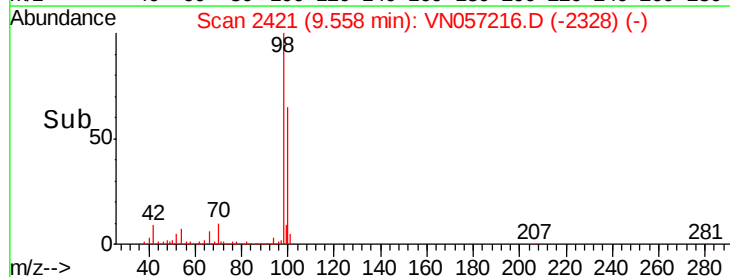
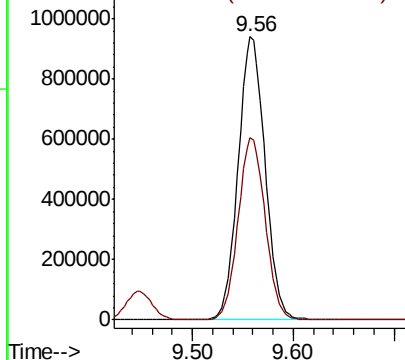


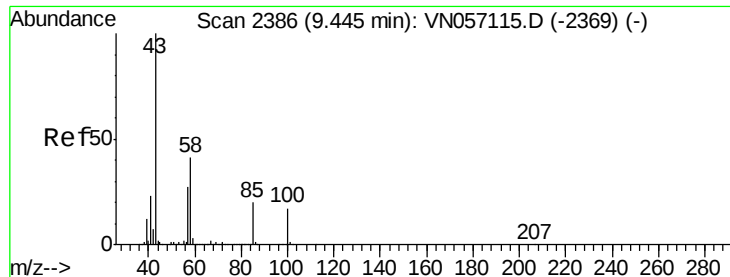
#50
Toluene-d8
Concen: 47.557 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion: 98 Resp: 1734275
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

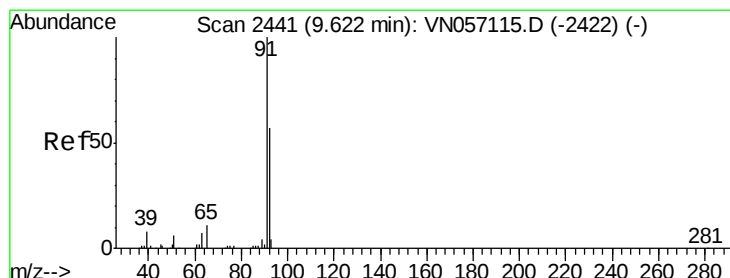
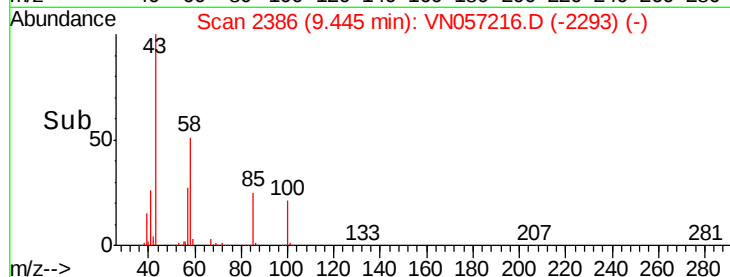
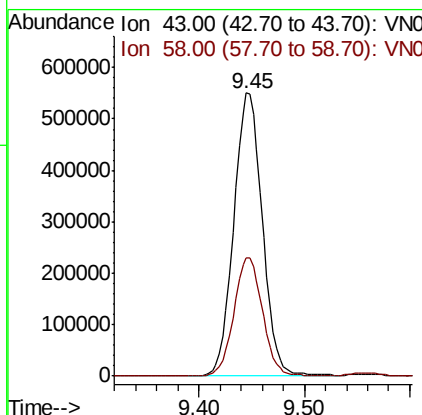
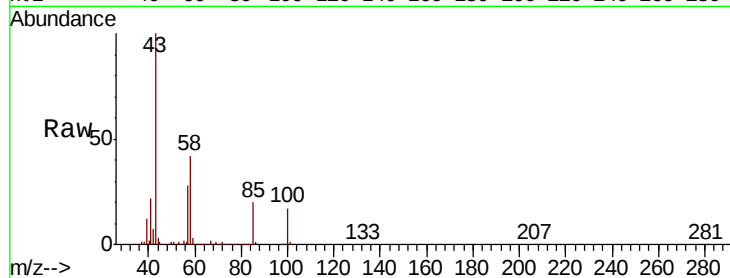




#51
 4-Methyl-2-Pentanone
 Concen: 100.628 ug/l
 RT: 9.45 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

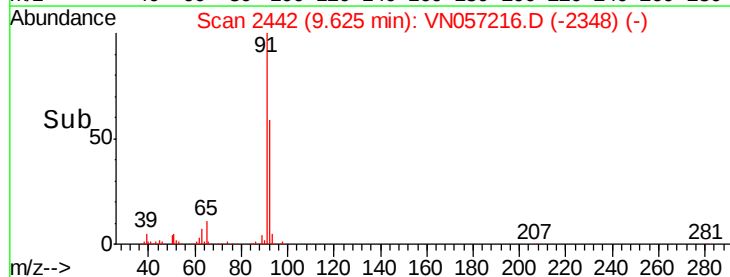
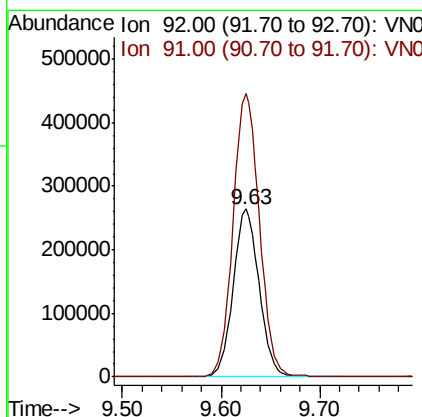
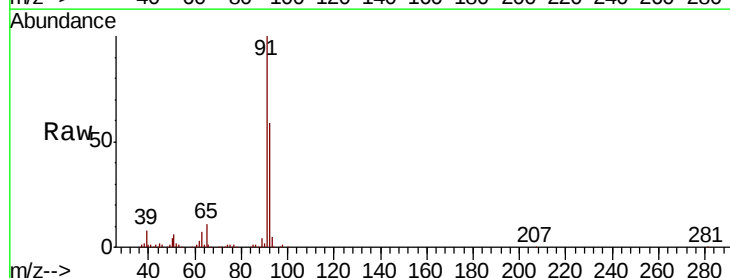
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

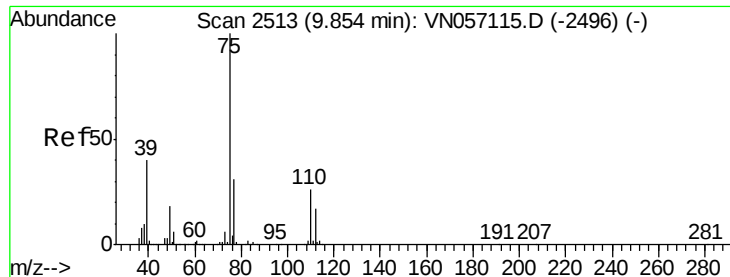
Tgt Ion: 43 Resp: 1030387
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.2 49.8



#52
 Toluene
 Concen: 19.545 ug/l
 RT: 9.63 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 92 Resp: 480334
 Ion Ratio Lower Upper
 92 100
 91 172.3 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 20.489 ug/l

RT: 9.86 min Scan# 2514

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

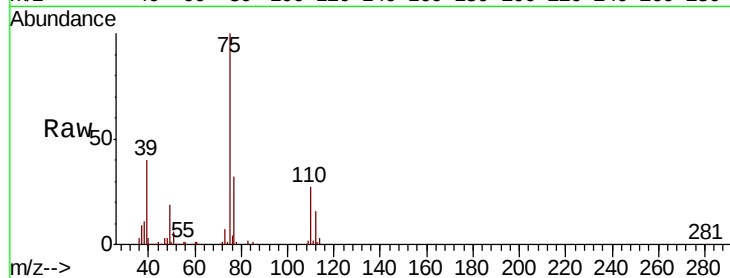
VN0812WBS02

Tgt Ion: 75 Resp: 272235

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

150000

100000

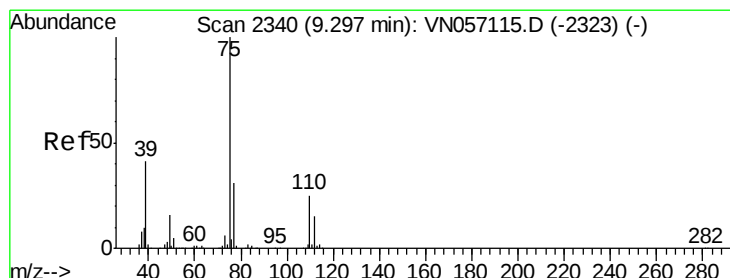
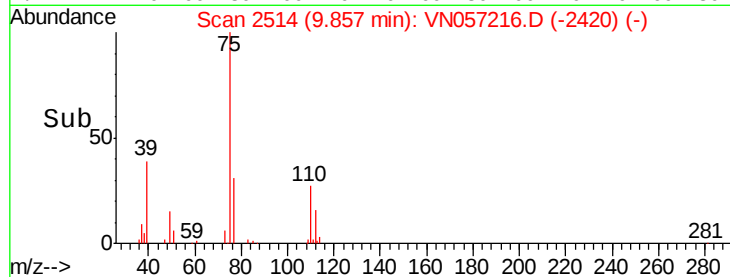
50000

0

9.86

9.80 9.90

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.131 ug/l

RT: 9.30 min Scan# 2341

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

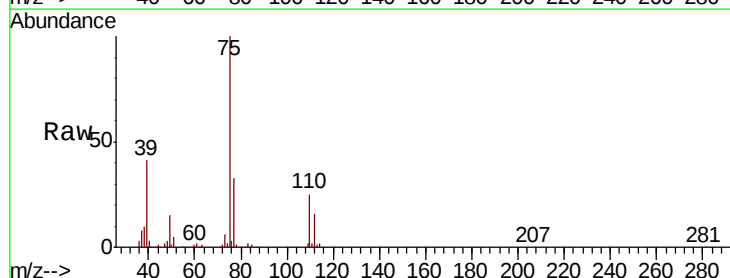
Tgt Ion: 75 Resp: 306934

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7

39 41.4 32.5 48.7



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

200000

150000

100000

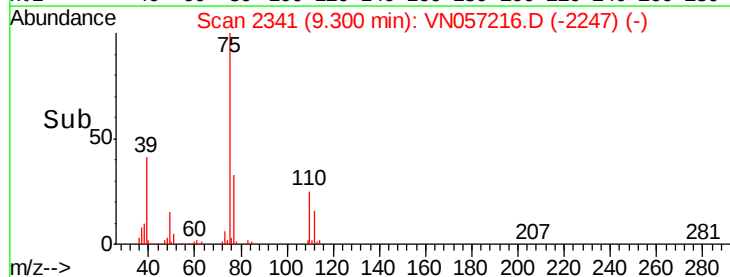
50000

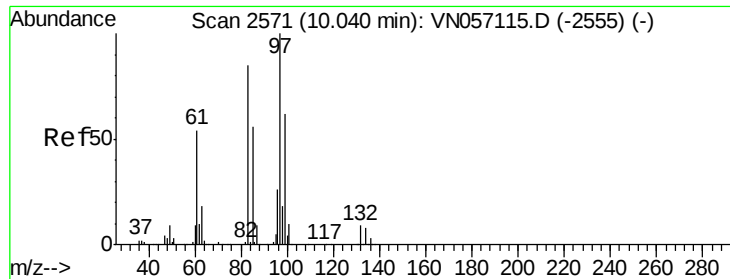
0

9.30

9.20 9.25 9.30 9.35

Time-->

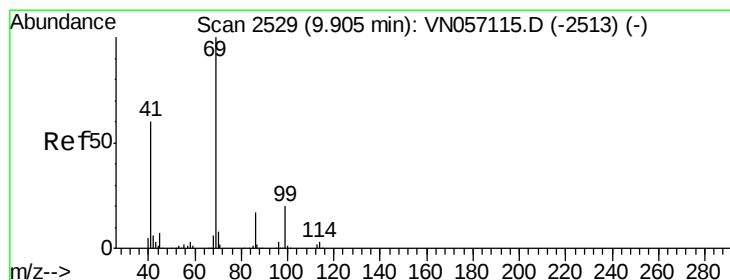
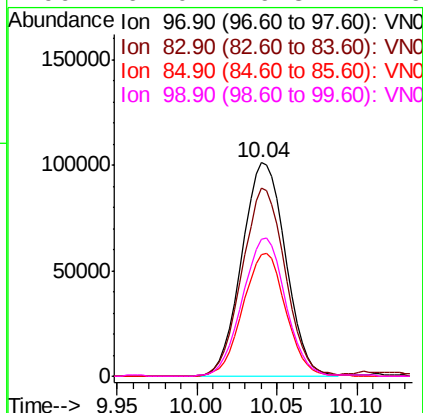
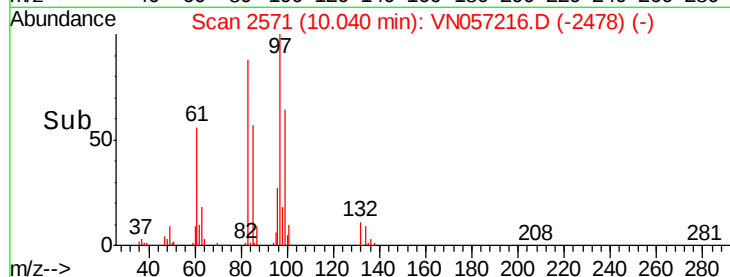
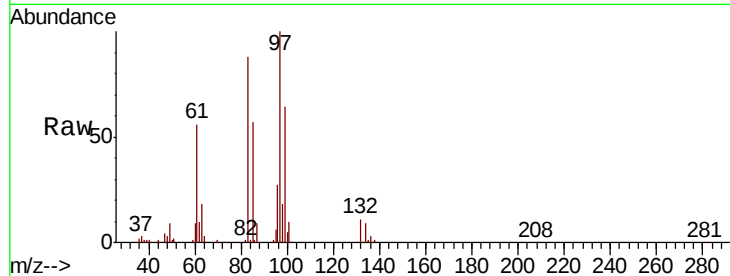




#55
 1,1,2-Trichloroethane
 Concen: 19.623 ug/l
 RT: 10.04 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

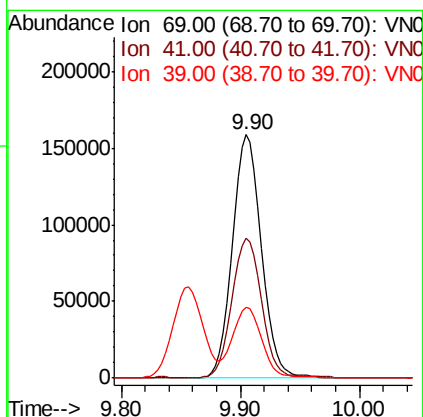
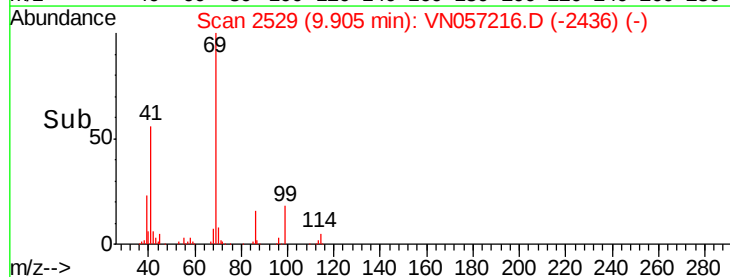
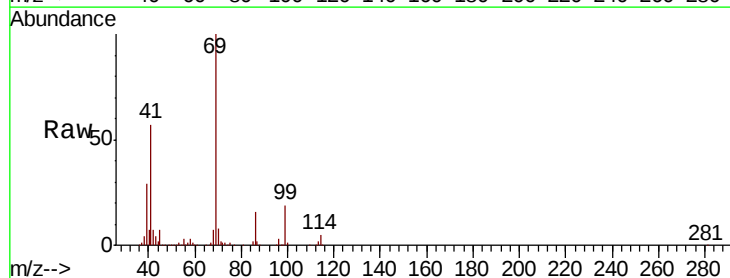
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

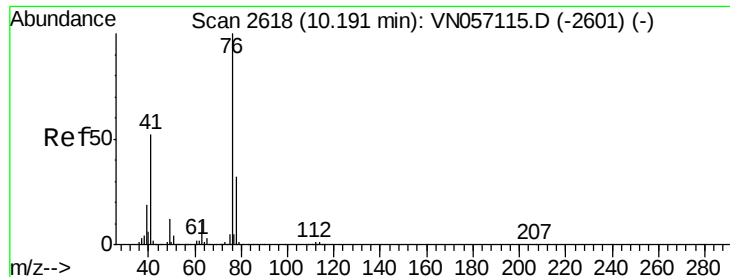
Tgt Ion	Resp	Lower	Upper
97	189639		
83	88.3	67.8	101.8
85	56.8	44.4	66.6
99	64.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.843 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion	Resp	Lower	Upper
69	268503		
41	58.6	48.1	72.1
39	28.6	23.6	35.4





#57

1,3-Dichloropropane

Concen: 20.118 ug/l

RT: 10.19 min Scan# 2618

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

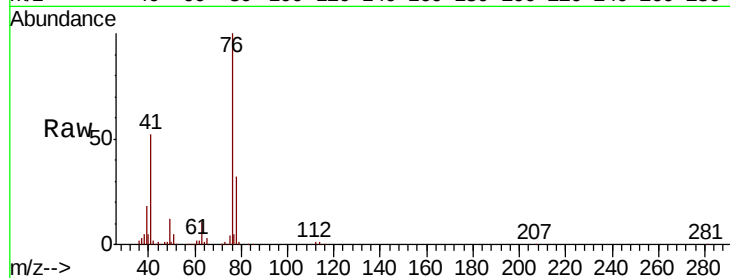
VN0812WBS02

Tgt Ion: 76 Resp: 320624

Ion Ratio Lower Upper

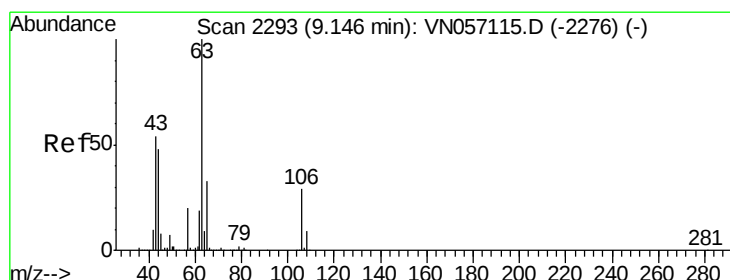
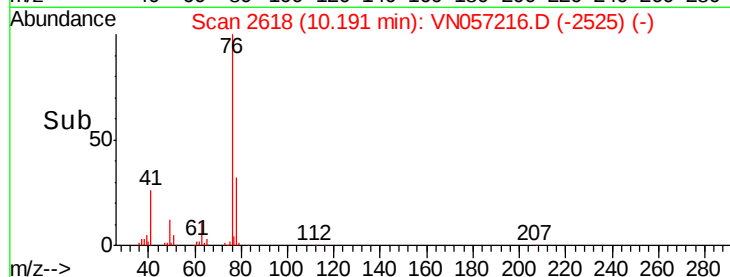
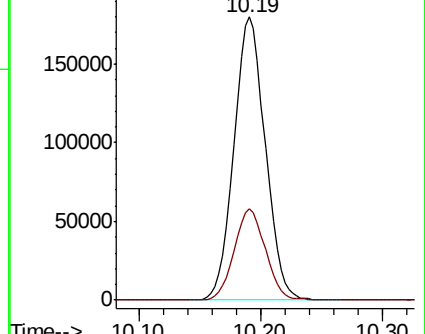
76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 67.322 ug/l

RT: 9.15 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VN057216.D

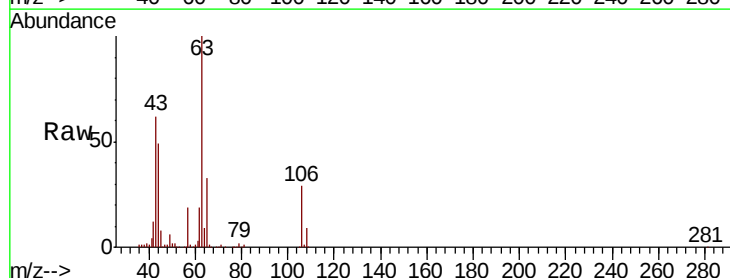
Acq: 12 Aug 2019 15:37

Tgt Ion: 63 Resp: 308672

Ion Ratio Lower Upper

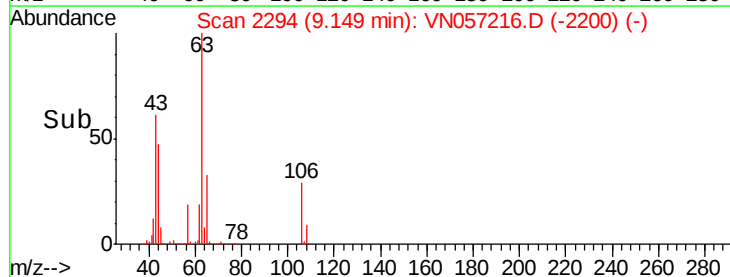
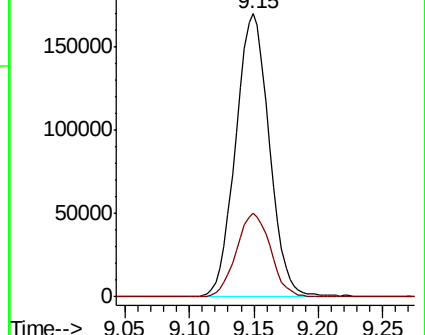
63 100

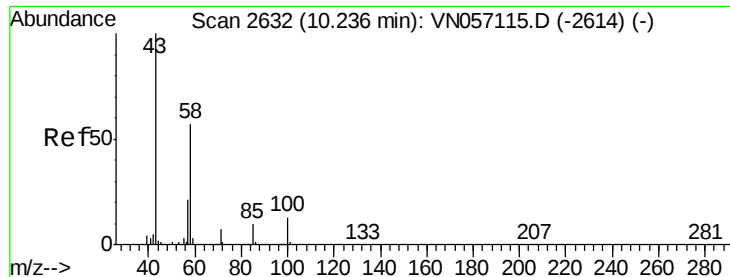
106 30.1 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

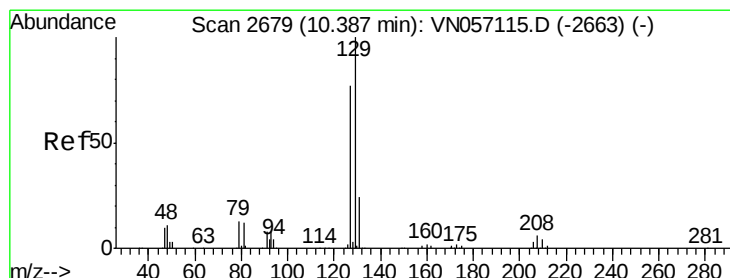
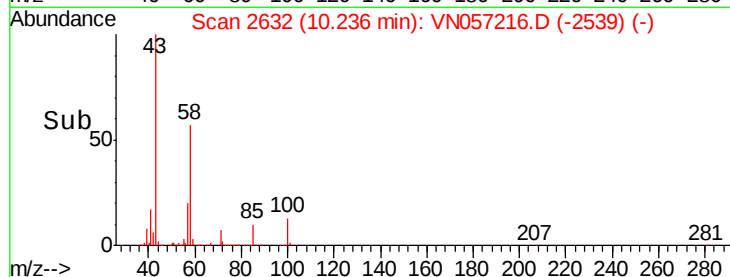
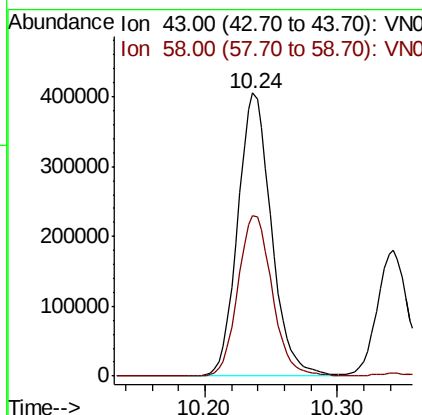
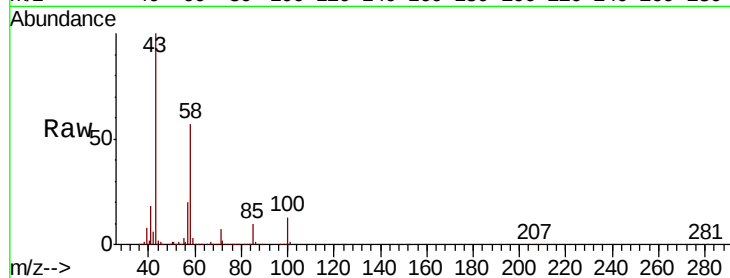




#59
2-Hexanone
Concen: 102.900 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

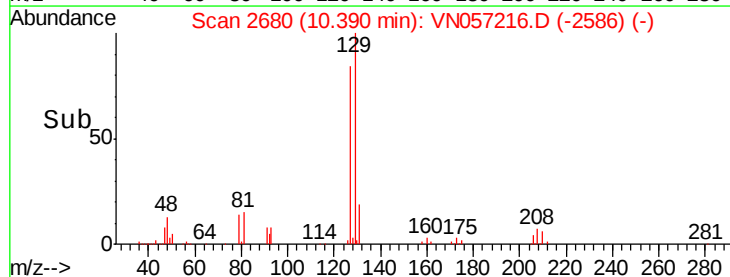
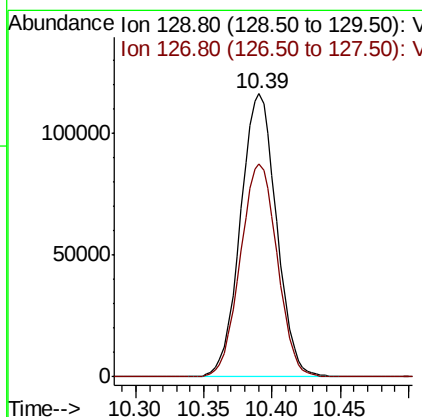
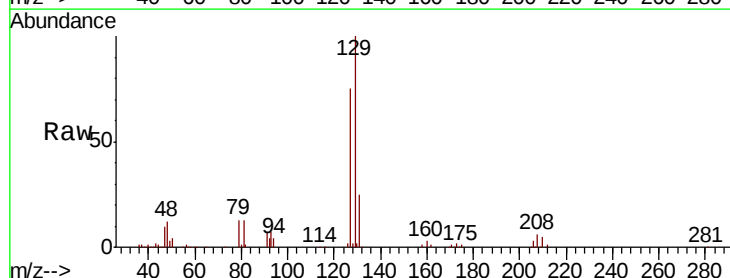
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

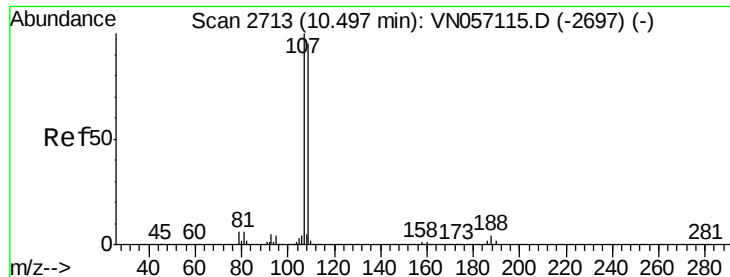
Tgt Ion: 43 Resp: 713102
Ion Ratio Lower Upper
43 100
58 57.9 29.2 87.6



#60
Dibromochloromethane
Concen: 21.058 ug/l
RT: 10.39 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion: 129 Resp: 213737
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.077 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

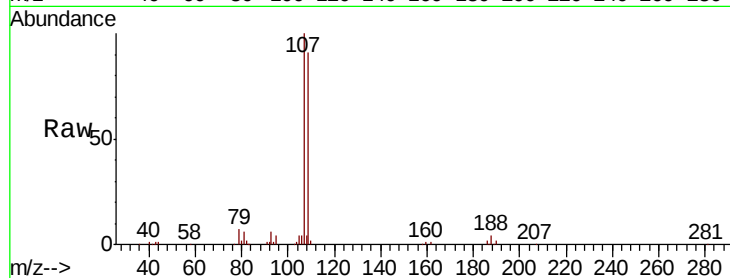
VN0812WBS02

Tgt Ion: 107 Resp: 200225

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.50

120000

100000

80000

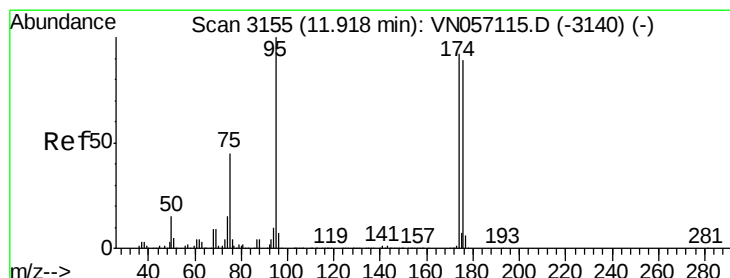
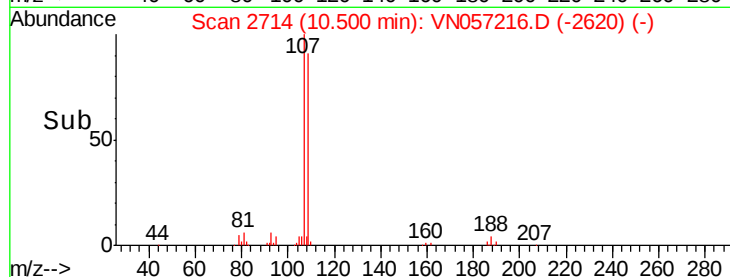
60000

40000

20000

0

Time--> 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 46.382 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

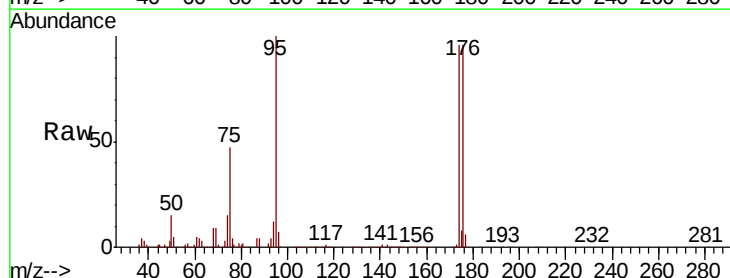
Tgt Ion: 95 Resp: 544993

Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.0

176 94.3 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.92

400000

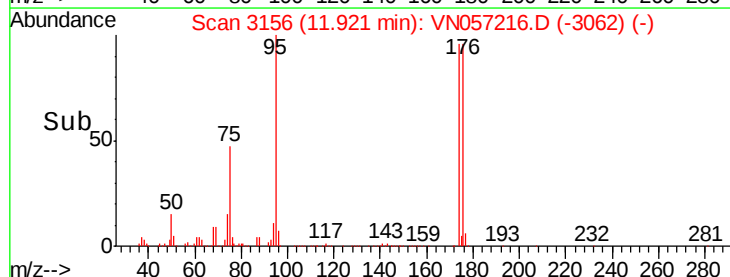
300000

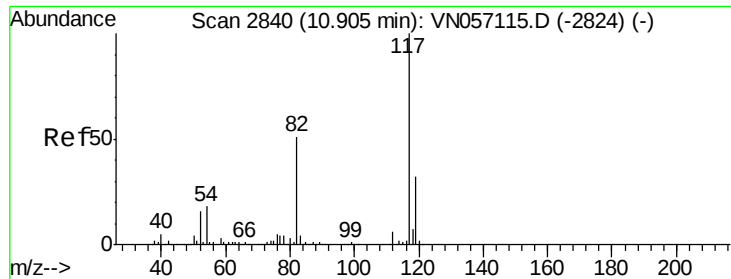
200000

100000

0

Time--> 11.85 11.90 11.95 12.00





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

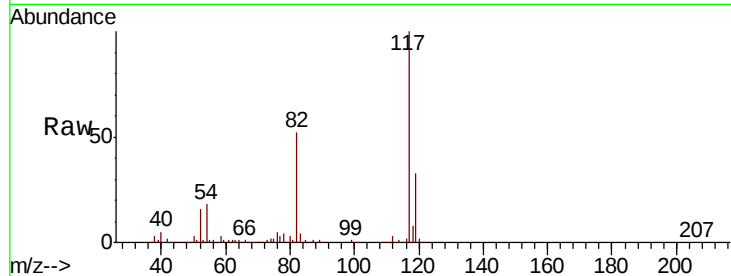
Tgt Ion:117 Resp: 1328789

Ion Ratio Lower Upper

117 100

82 52.5 40.8 61.2

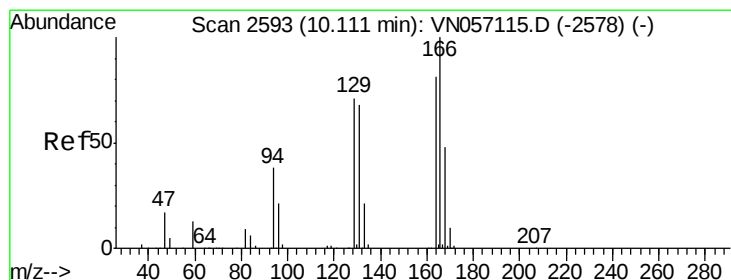
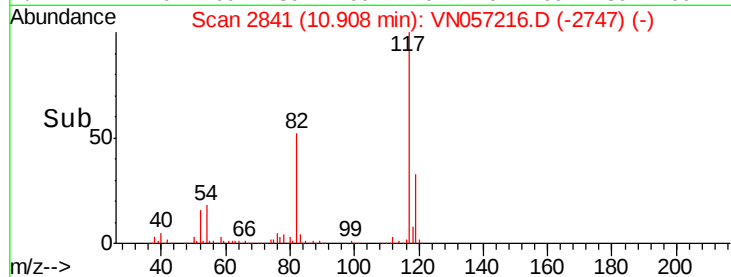
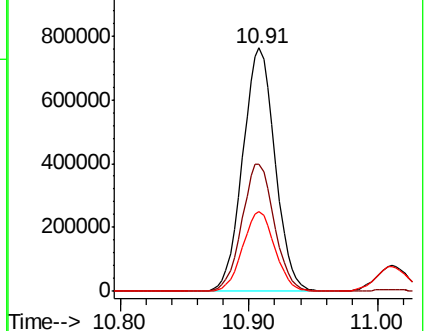
119 32.8 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.904 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Tgt Ion:164 Resp: 231007

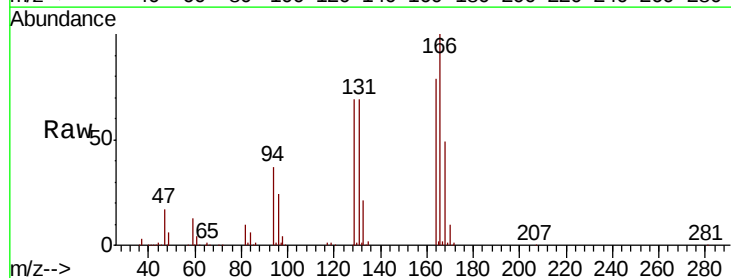
Ion Ratio Lower Upper

164 100

166 126.7 98.3 147.5

129 87.6 69.8 104.6

131 86.9 66.8 100.2

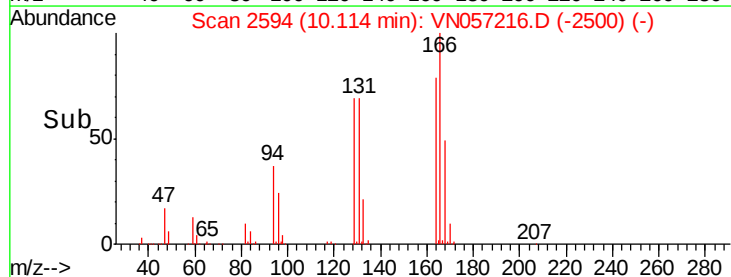
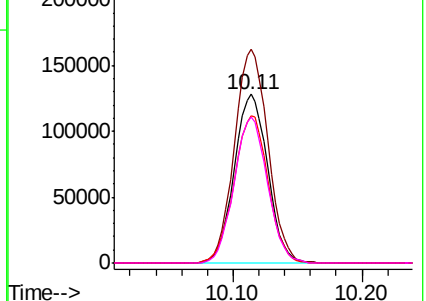


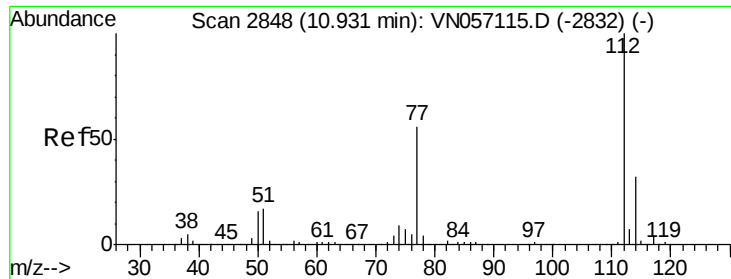
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

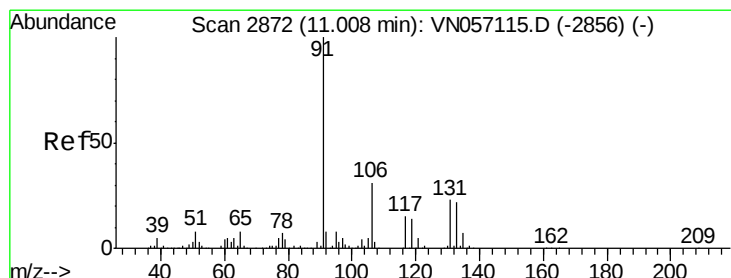
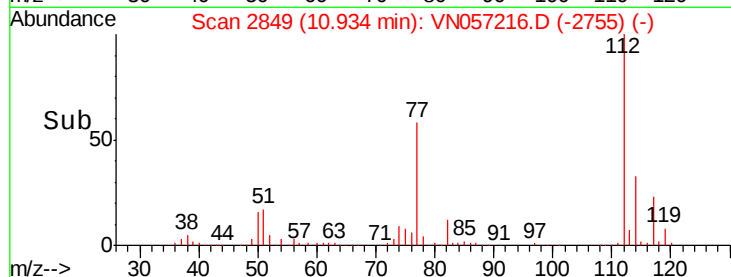
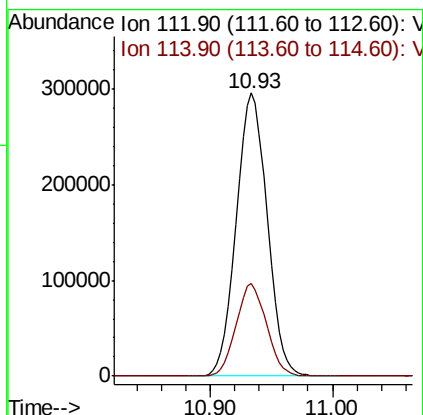
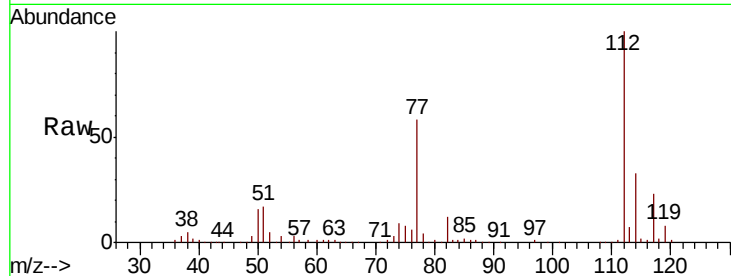




#65
Chlorobenzene
Concen: 19.376 ug/l
RT: 10.93 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

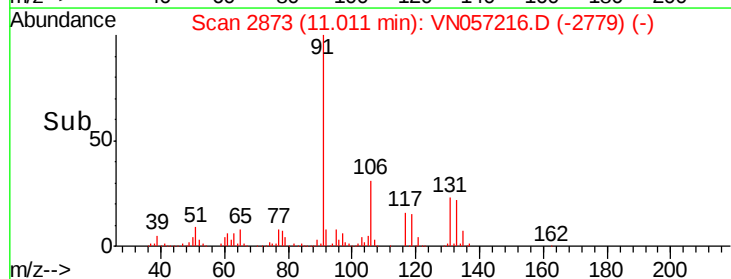
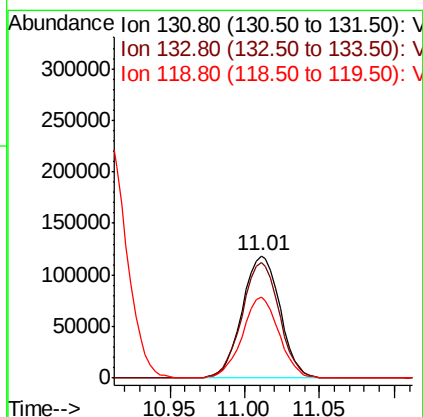
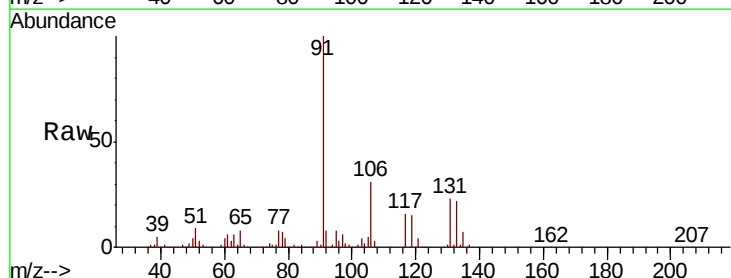
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

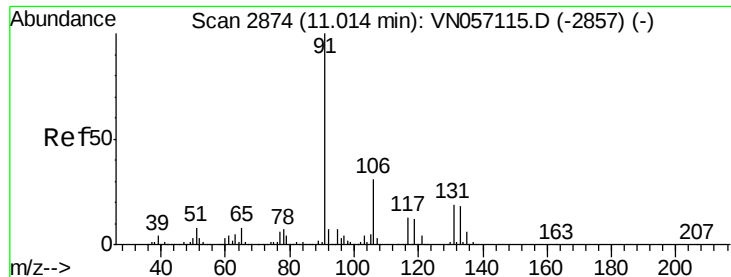
Tgt Ion:112 Resp: 518051
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.873 ug/l
RT: 11.01 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion:131 Resp: 208639
Ion Ratio Lower Upper
131 100
133 93.7 47.6 142.8
119 64.5 32.6 97.7





#67

Ethyl Benzene

Concen: 19.272 ug/l

RT: 11.01 min Scan# 2874

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

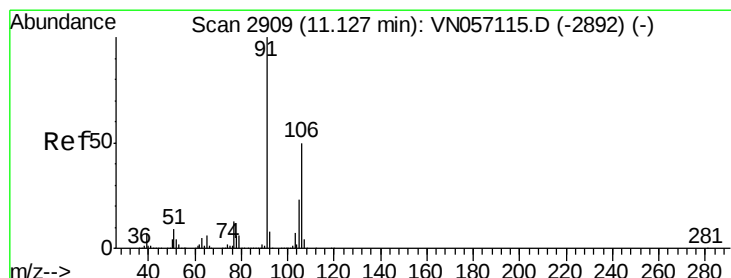
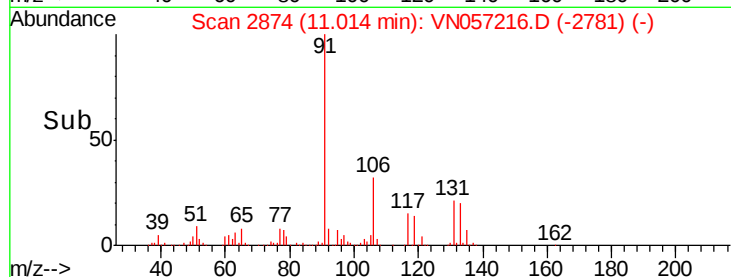
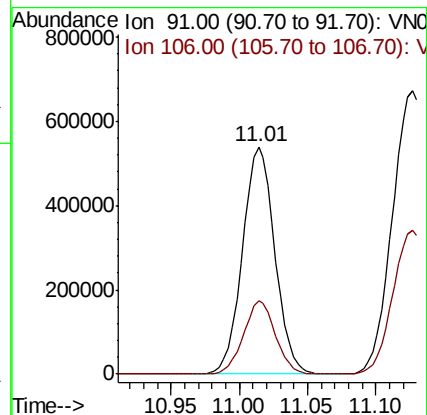
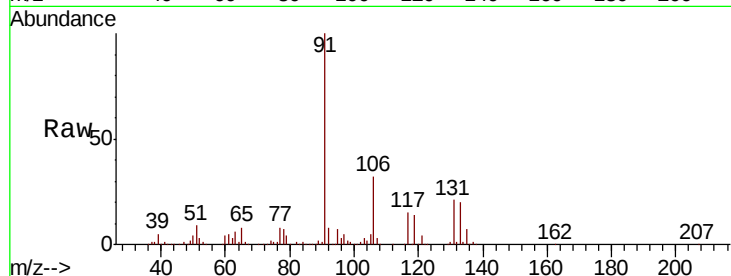
VN0812WBS02

Tgt Ion: 91 Resp: 886792

Ion Ratio Lower Upper

91 100

106 32.2 25.0 37.4



#68

m/p-Xylenes

Concen: 39.080 ug/l

RT: 11.13 min Scan# 2909

Delta R.T. -0.00 min

Lab File: VN057216.D

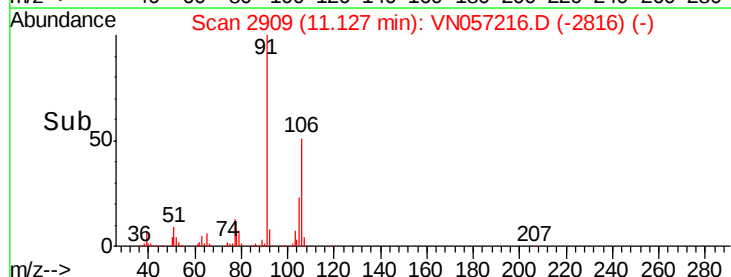
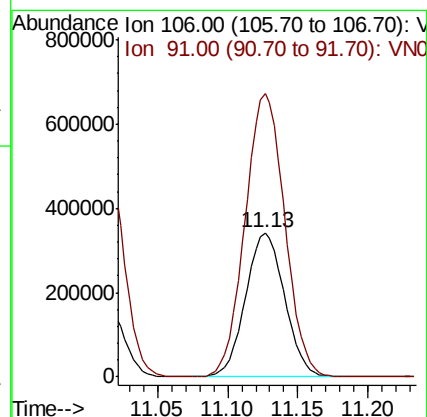
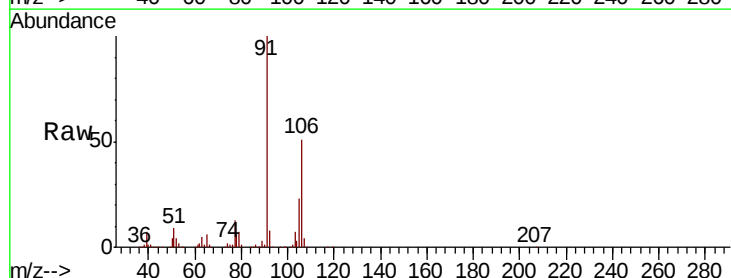
Acq: 12 Aug 2019 15:37

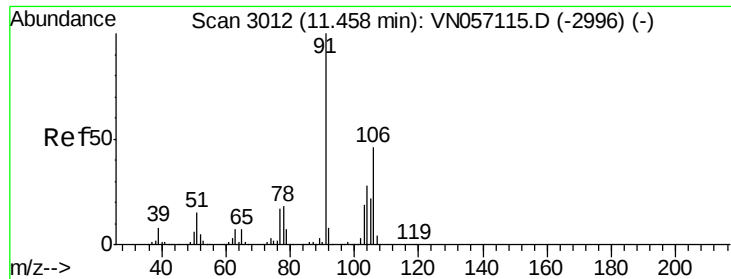
Tgt Ion: 106 Resp: 662506

Ion Ratio Lower Upper

106 100

91 200.0 159.8 239.8

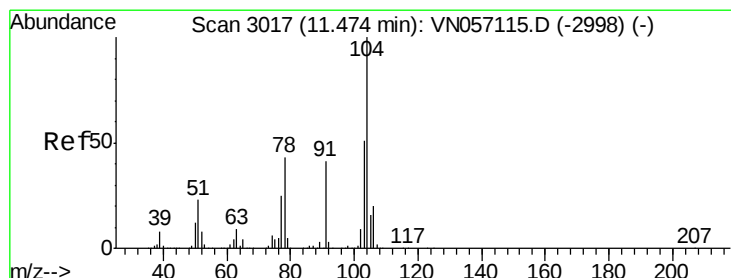
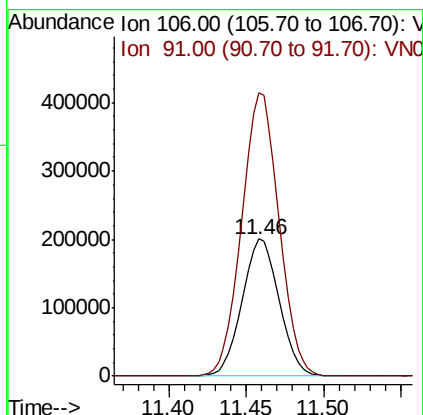
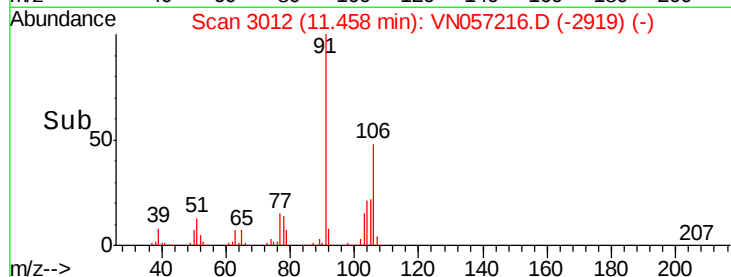
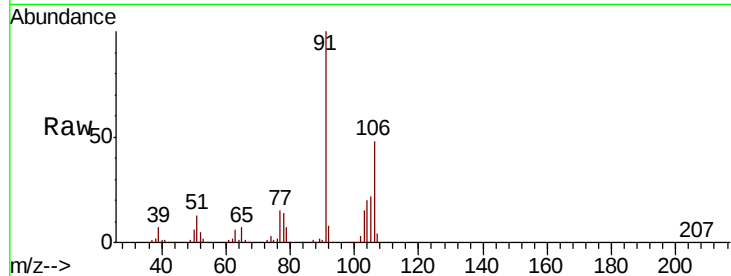




#69
o-Xylene
Concen: 19.837 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

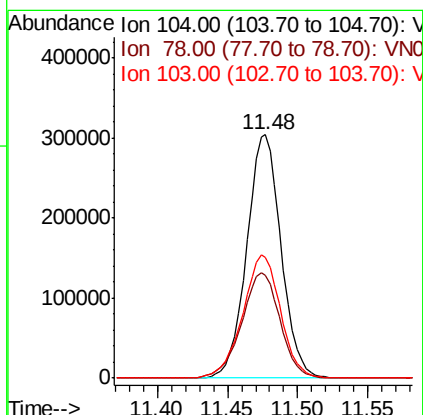
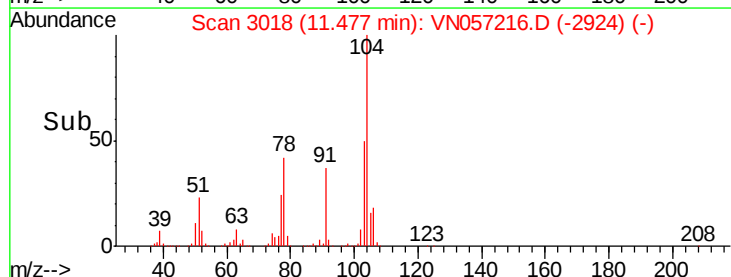
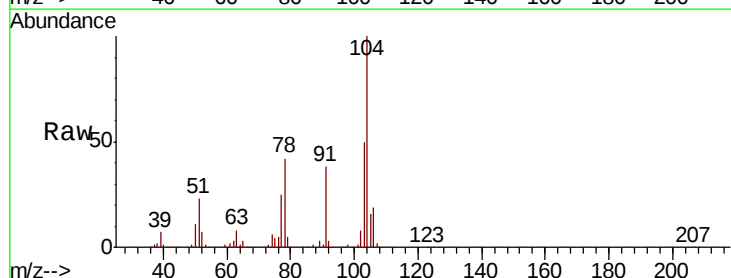
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

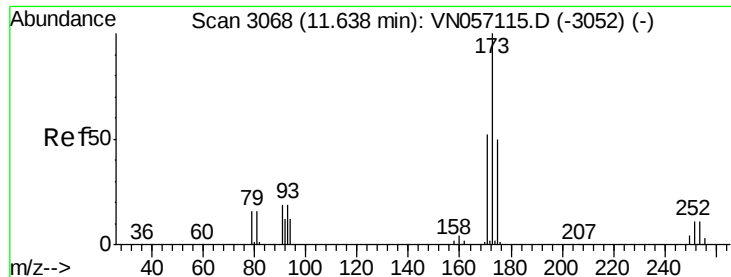
Tgt Ion:106 Resp: 334690
Ion Ratio Lower Upper
106 100
91 208.2 106.8 320.5



#70
Styrene
Concen: 19.626 ug/l
RT: 11.48 min Scan# 3018
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion:104 Resp: 517193
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 55.8 44.6 66.8

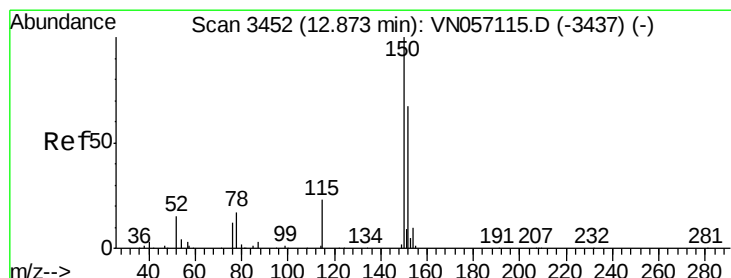
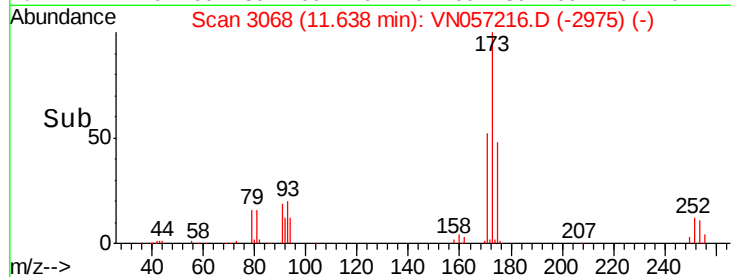
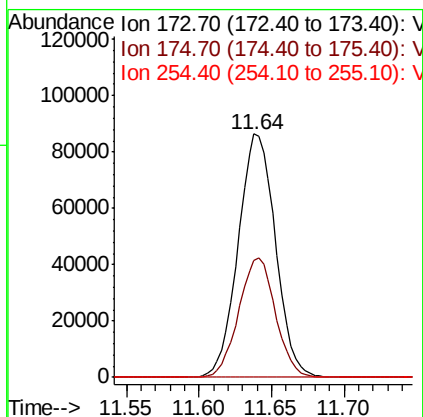
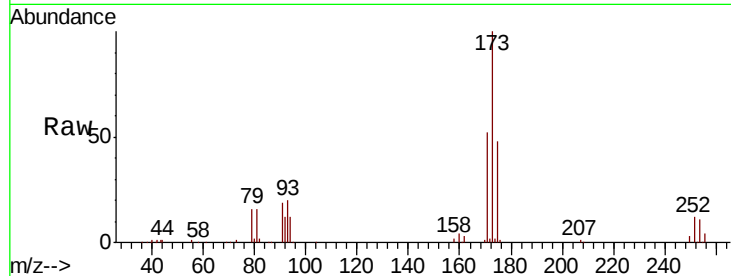




#71
Bromoform
Concen: 21.113 ug/l
RT: 11.64 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

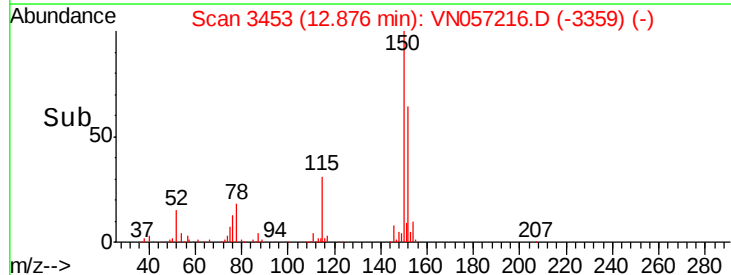
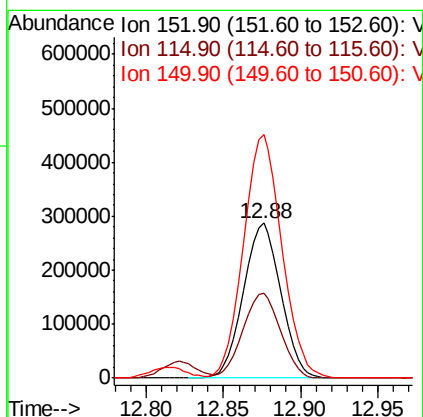
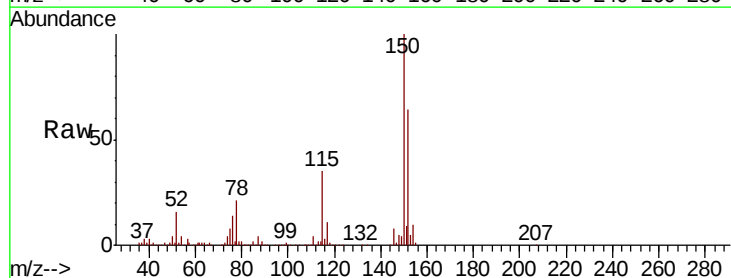
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

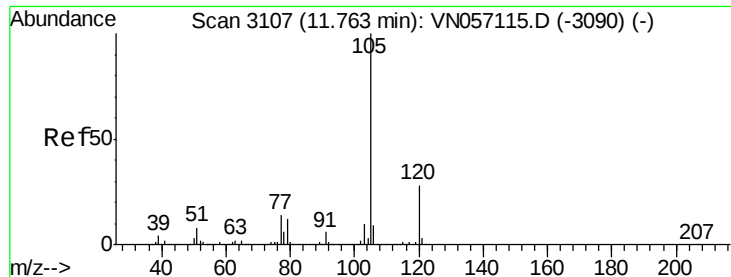
Tgt Ion:173 Resp: 154585
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion:152 Resp: 483921
Ion Ratio Lower Upper
152 100
115 55.1 27.5 82.5
150 161.1 0.0 341.6





#73

Isopropylbenzene

Concen: 20.610 ug/l

RT: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

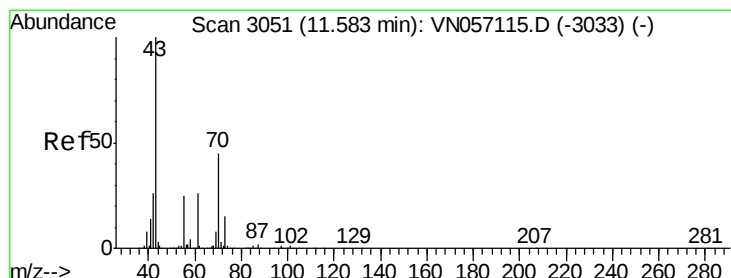
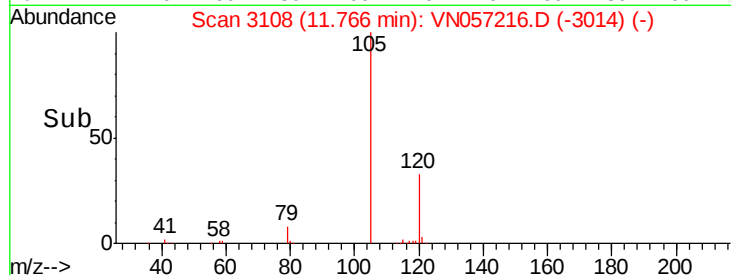
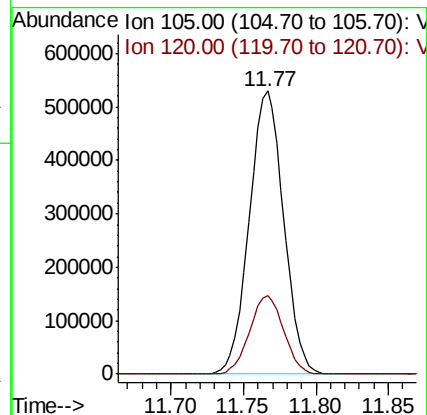
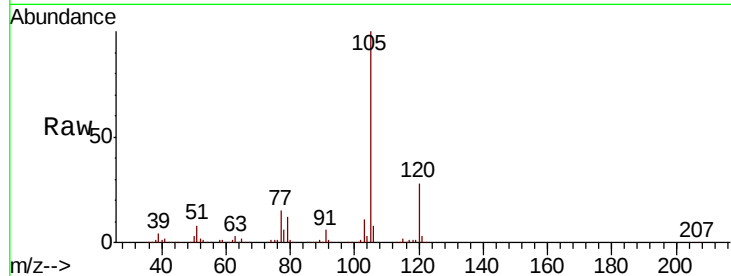
VN0812WBS02

Tgt Ion: 105 Resp: 873475

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.0



#74

N-ethyl acetate

Concen: 19.836 ug/l

RT: 11.59 min Scan# 3052

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Tgt Ion: 43 Resp: 243248

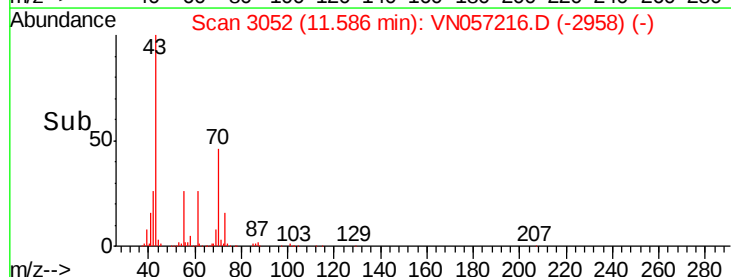
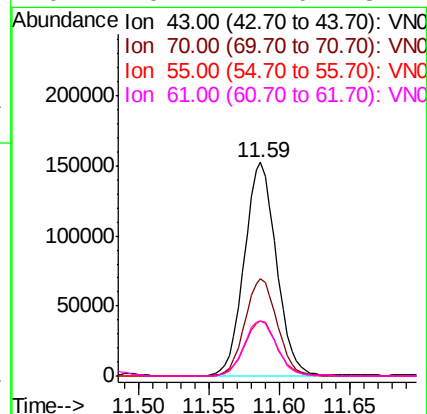
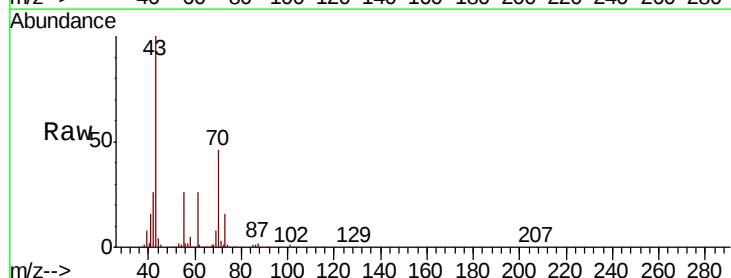
Ion Ratio Lower Upper

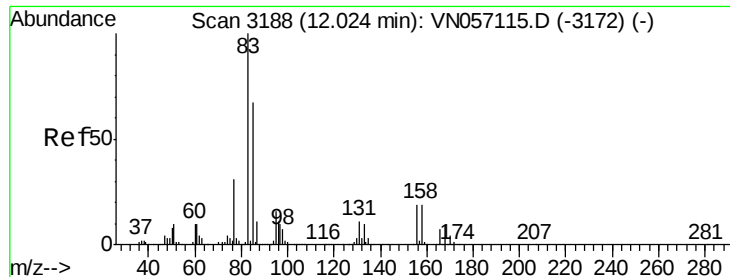
43 100

70 45.9 36.8 55.2

55 26.2 20.6 31.0

61 26.2 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.121 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

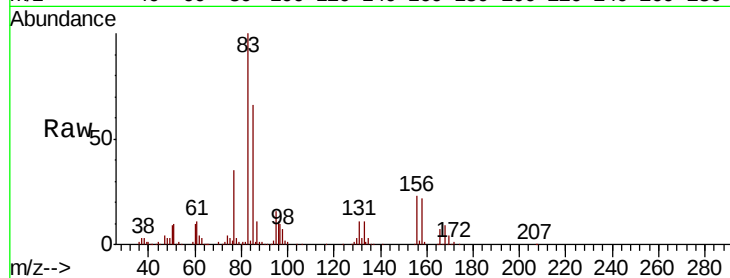
Tgt Ion: 83 Resp: 258266

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

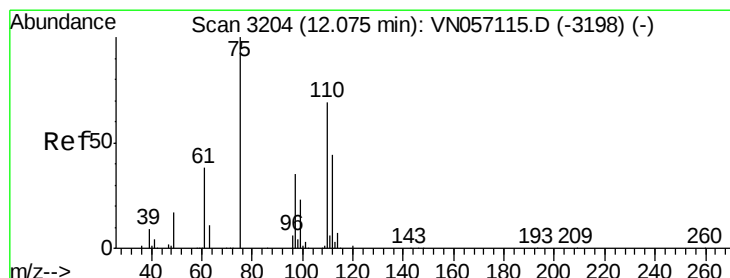
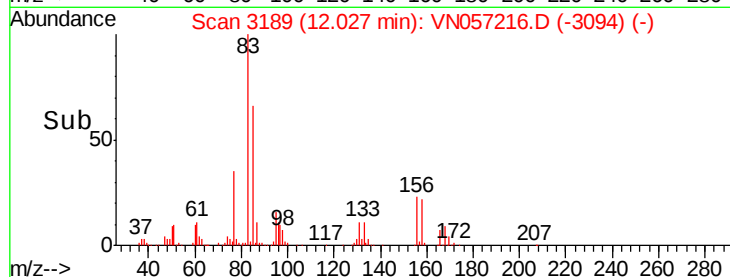
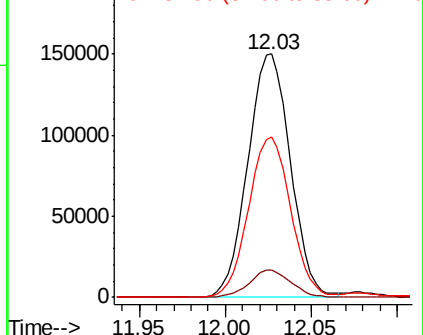
85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.302 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN057216.D

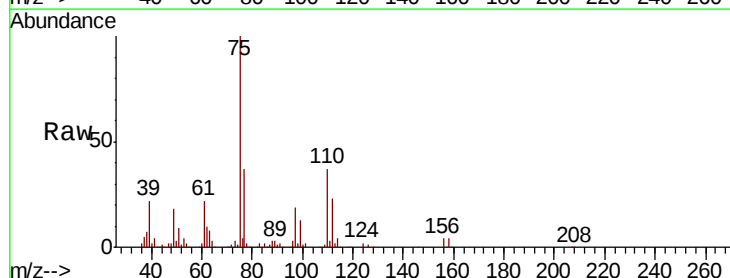
Acq: 12 Aug 2019 15:37

Tgt Ion: 75 Resp: 306127

Ion Ratio Lower Upper

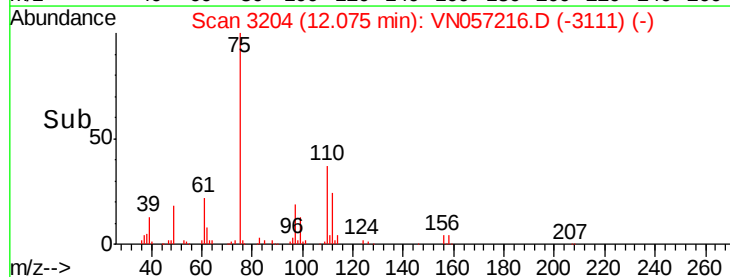
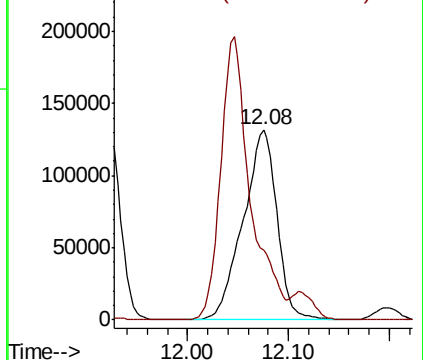
75 100

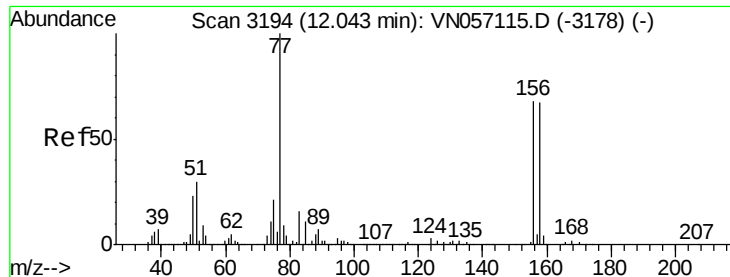
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.664 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS02

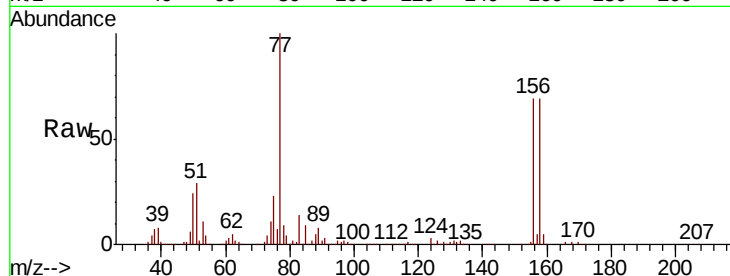
Tgt Ion:156 Resp: 228723

Ion Ratio Lower Upper

156 100

77 176.8 88.7 266.1

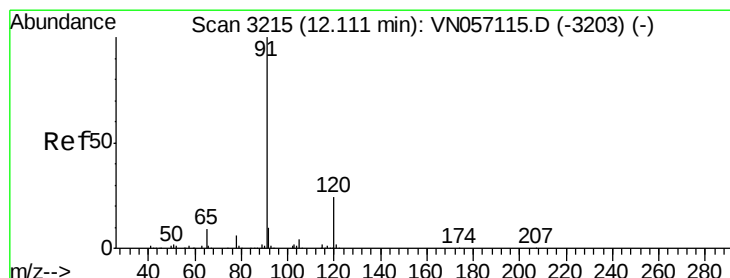
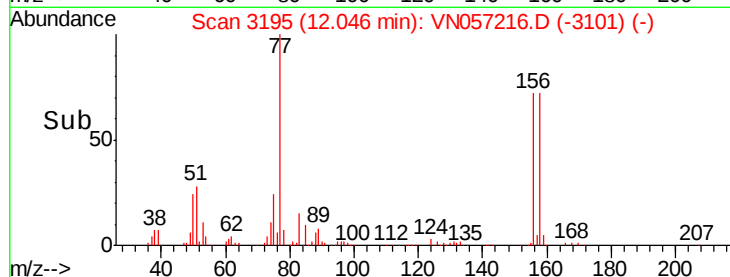
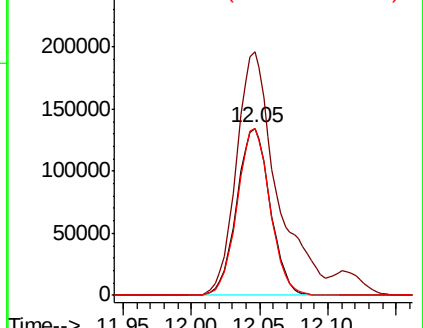
158 98.3 49.3 147.8



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: 18.806 ug/l

RT: 12.11 min Scan# 3216

Delta R.T. 0.00 min

Lab File: VN057216.D

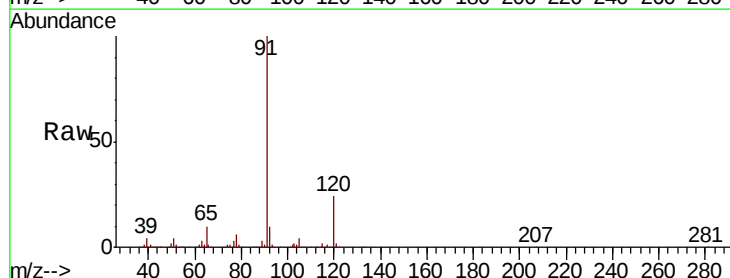
Acq: 12 Aug 2019 15:37

Tgt Ion: 91 Resp: 873084

Ion Ratio Lower Upper

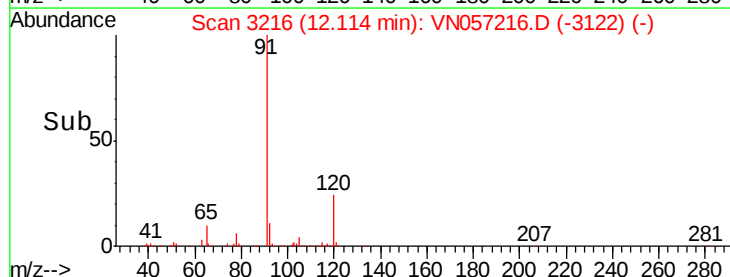
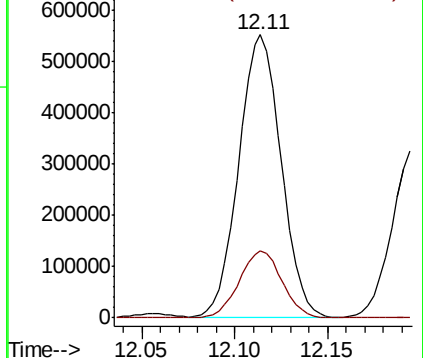
91 100

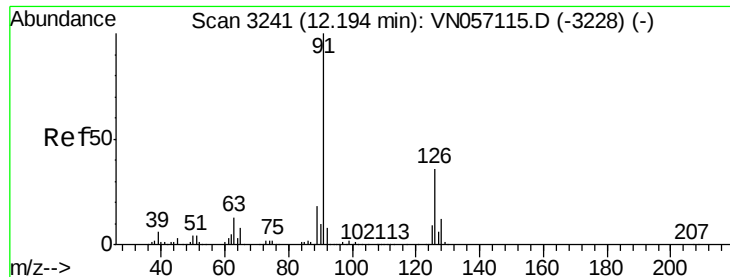
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

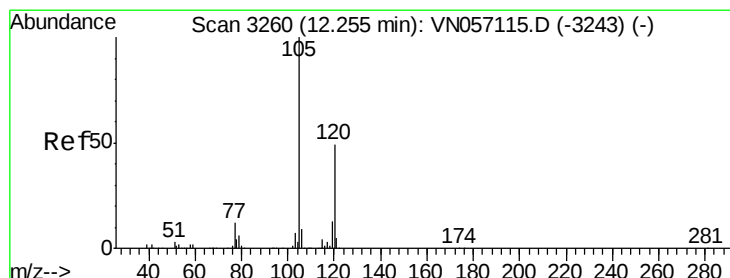
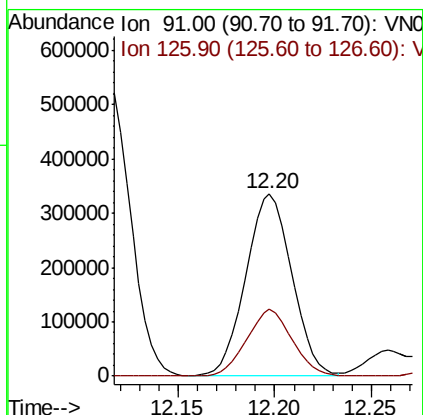
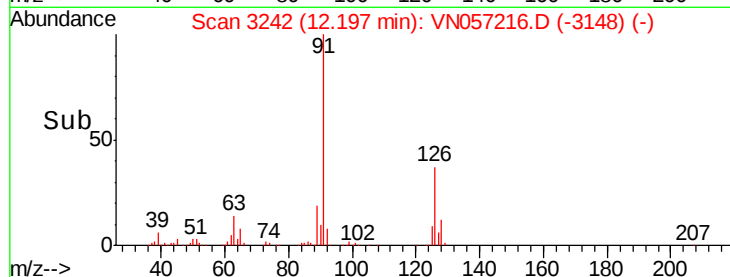
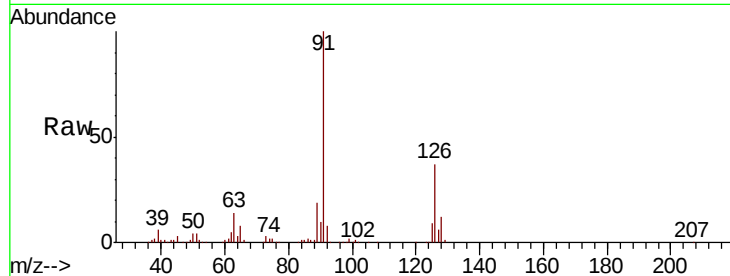




#79
 2-Chlorotoluene
 Concen: 20.270 ug/l
 RT: 12.20 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

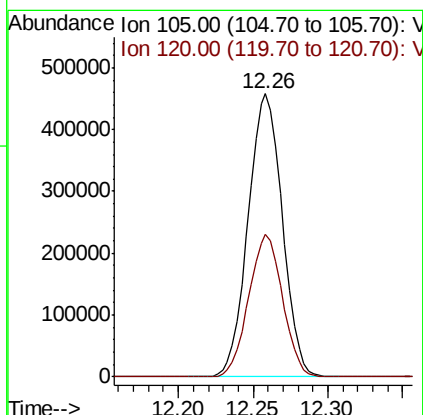
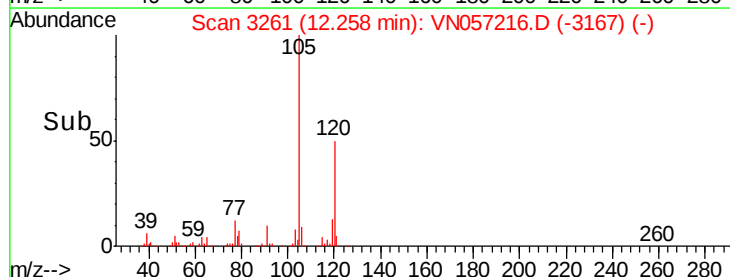
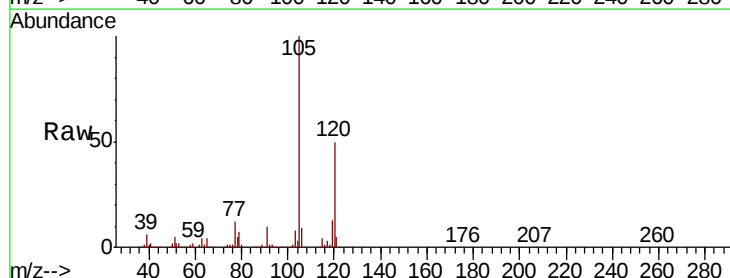
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

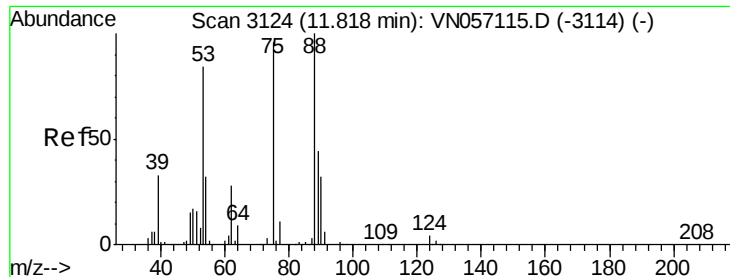
Tgt Ion: 91 Resp: 554214
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.504 ug/l
 RT: 12.26 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion: 105 Resp: 728671
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.473 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

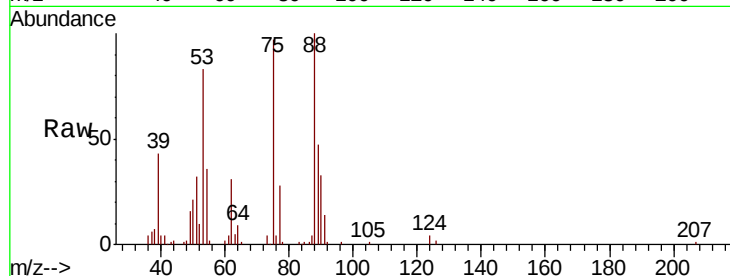
Tgt Ion: 75 Resp: 70673

Ion Ratio Lower Upper

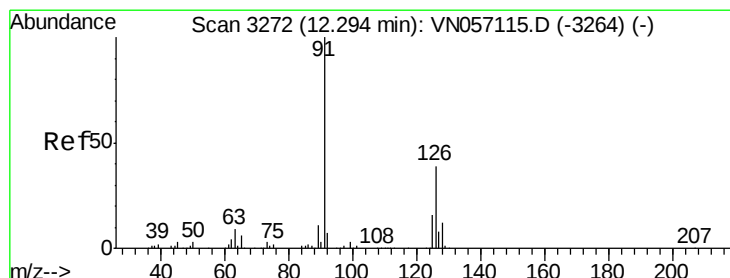
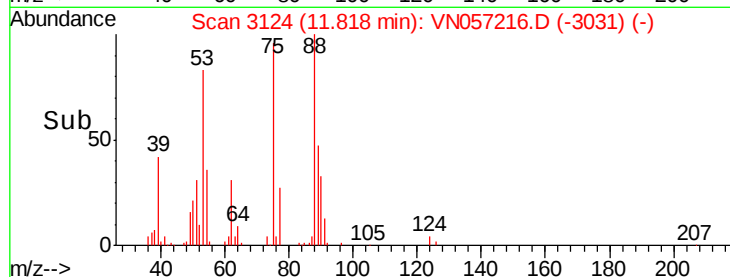
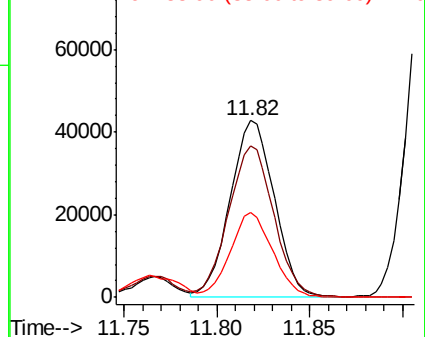
75 100

53 88.2 70.6 106.0

89 46.2 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.881 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057216.D

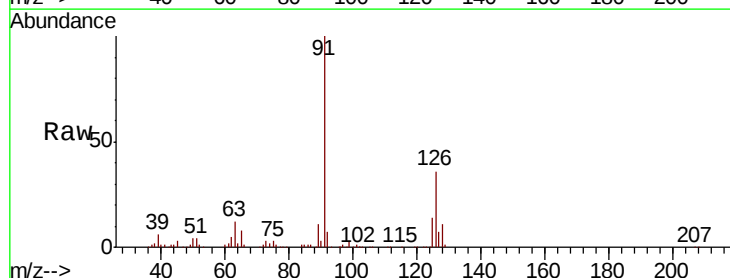
Acq: 12 Aug 2019 15:37

Tgt Ion: 91 Resp: 507535

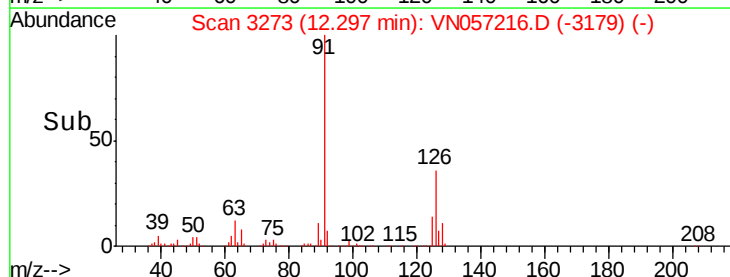
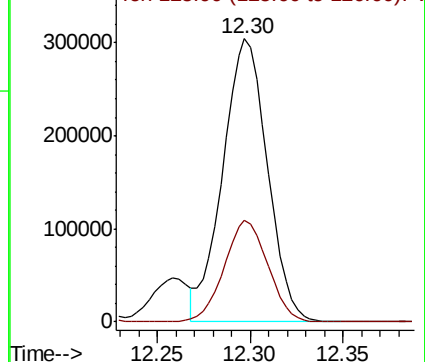
Ion Ratio Lower Upper

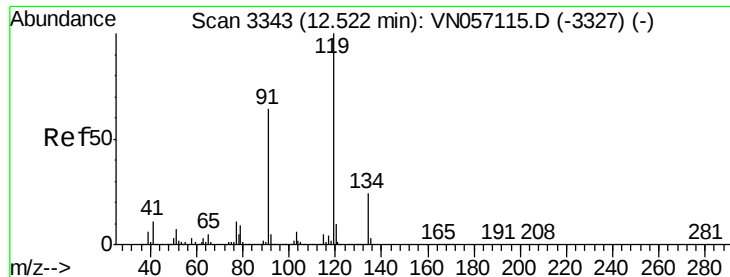
91 100

126 35.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.840 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

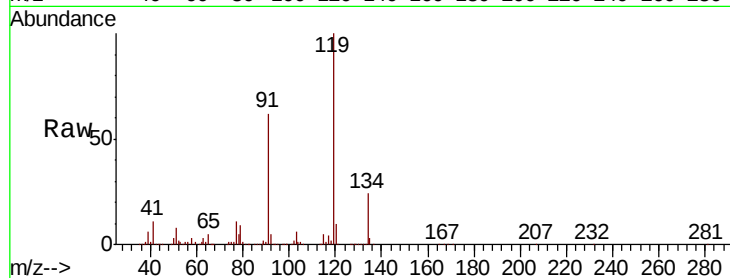
Tgt Ion:119 Resp: 649646

Ion Ratio Lower Upper

119 100

91 62.7 31.4 94.2

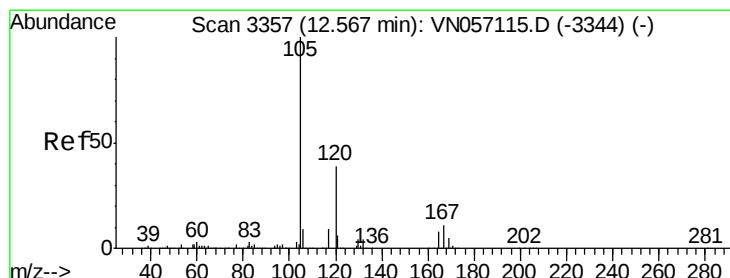
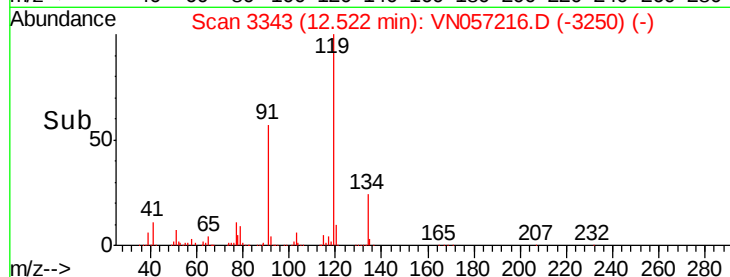
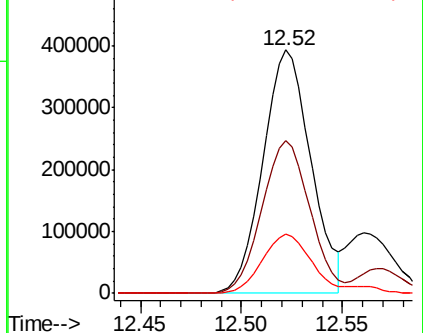
134 25.0 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.752 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN057216.D

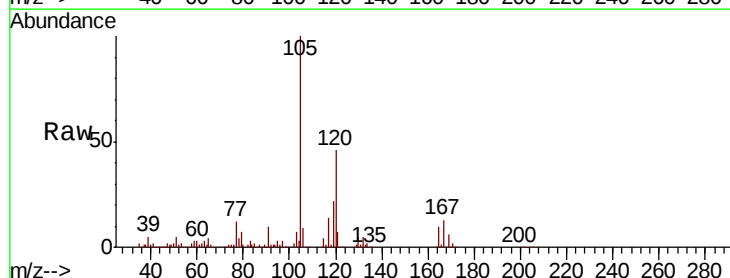
Acq: 12 Aug 2019 15:37

Tgt Ion:105 Resp: 677141

Ion Ratio Lower Upper

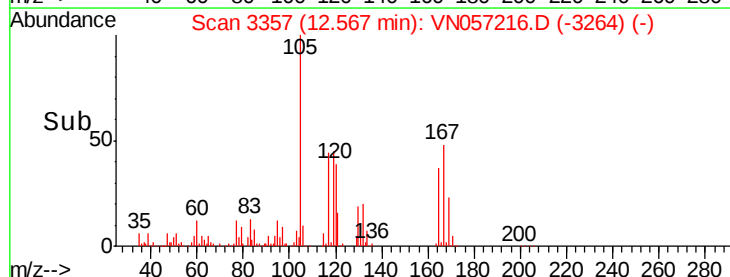
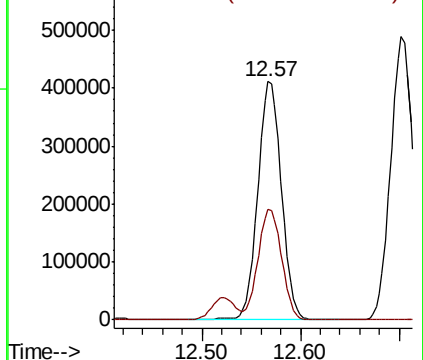
105 100

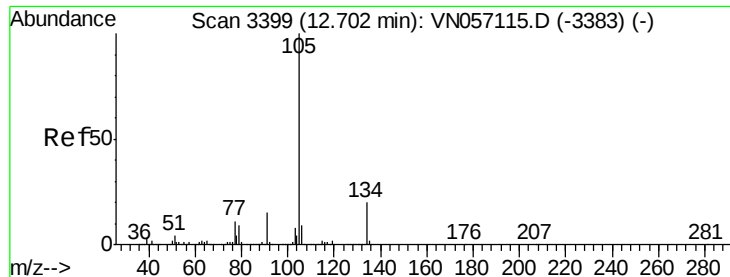
120 46.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

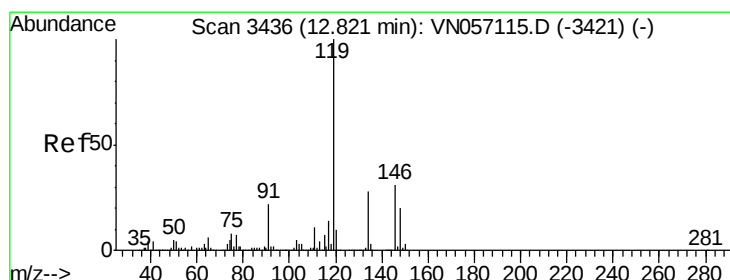
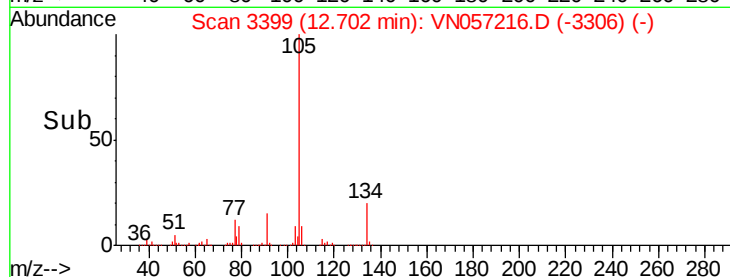
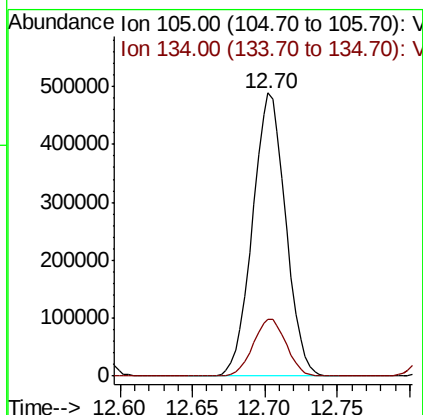
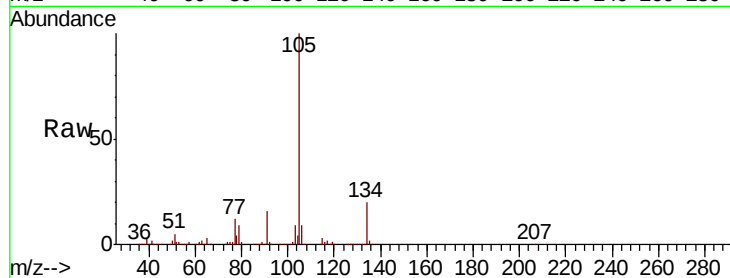




#85
 sec-Butylbenzene
 Concen: 18.444 ug/l
 RT: 12.70 min Scan# 3399
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

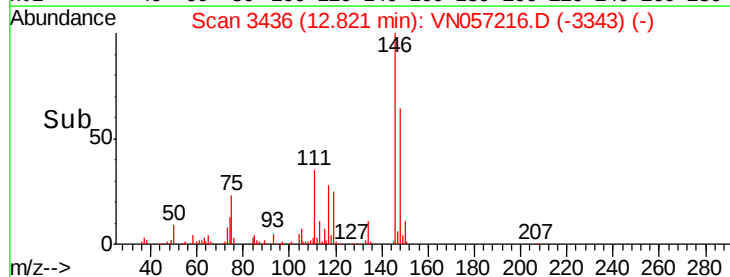
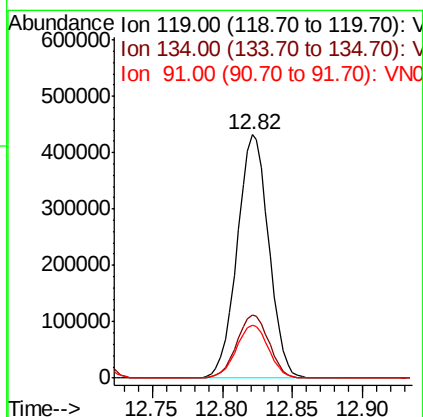
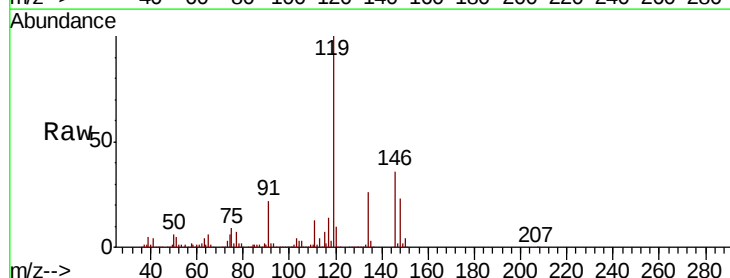
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

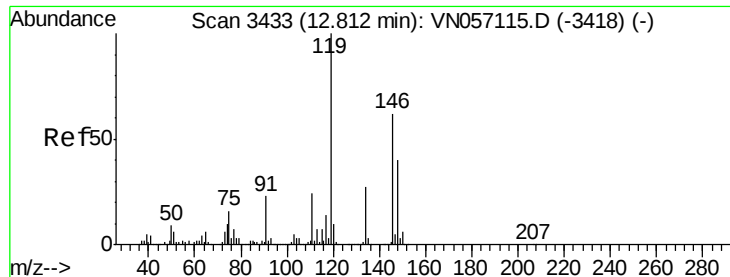
Tgt Ion:105 Resp: 777613
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 18.236 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion:119 Resp: 674641
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.8 41.3
 91 22.3 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.706 ug/l

RT: 12.81 min Scan# 3434

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

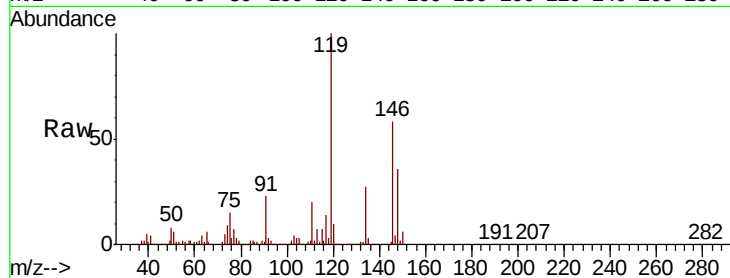
Tgt Ion:146 Resp: 326325

Ion Ratio Lower Upper

146 100

111 36.5 18.8 56.4

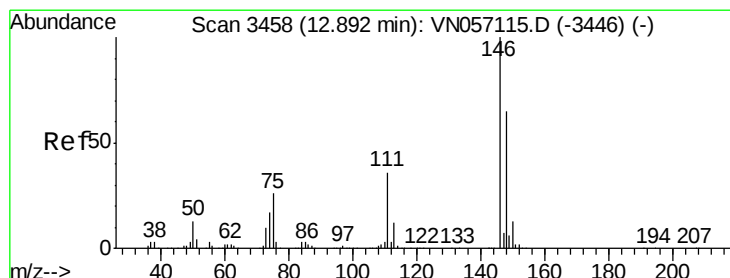
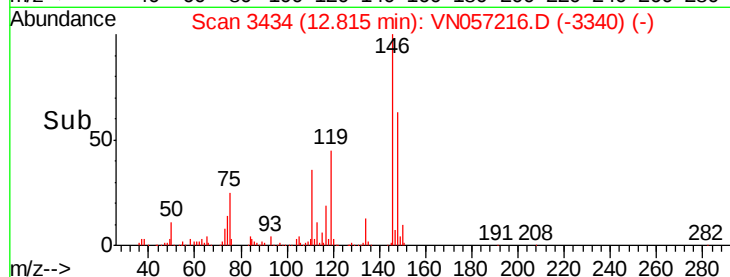
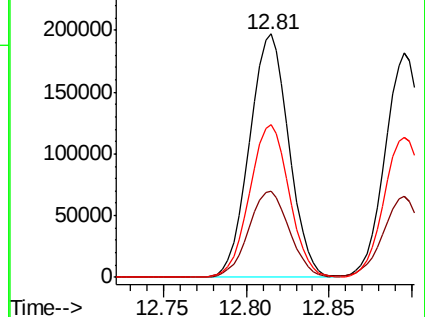
148 63.1 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 18.864 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

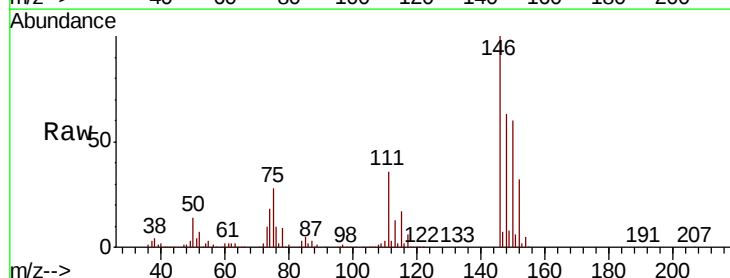
Tgt Ion:146 Resp: 295978

Ion Ratio Lower Upper

146 100

111 37.1 18.2 54.6

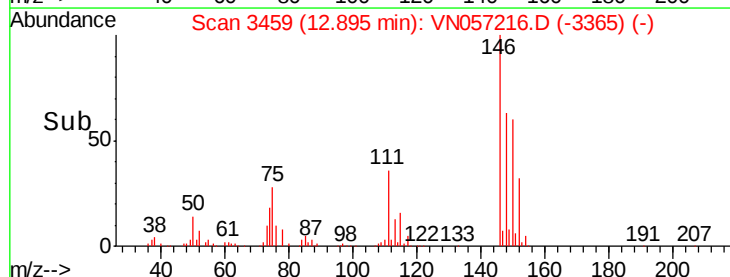
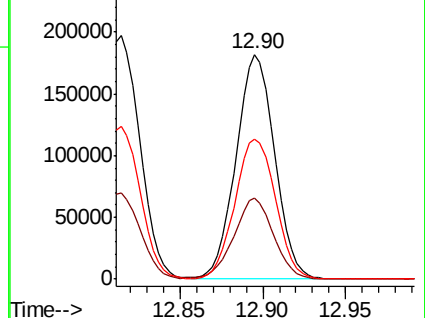
148 65.5 32.0 96.2

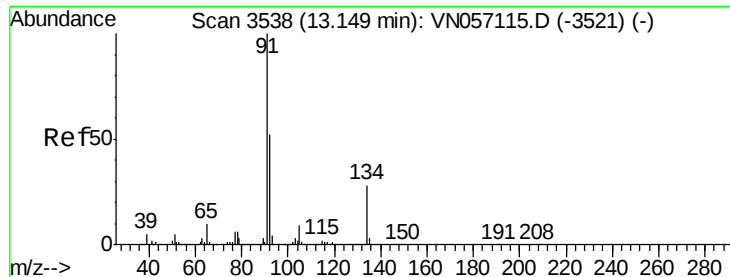


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.649 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS02

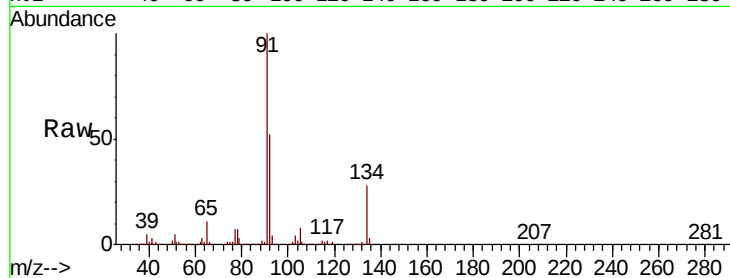
Tgt Ion: 91 Resp: 476653

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.4

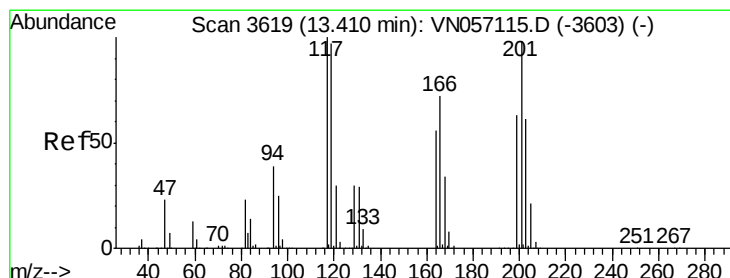
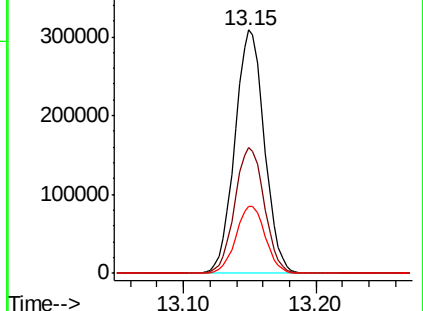
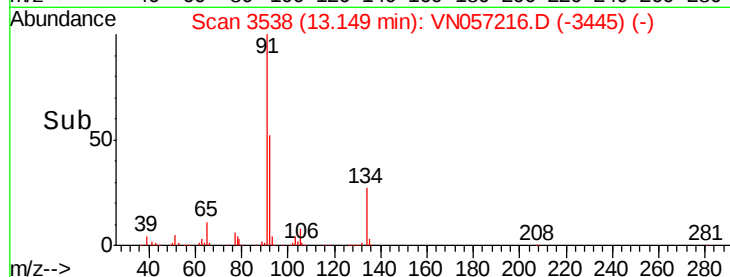
134 27.6 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VN057216.D (-3521) (-)

Ion 92.00 (91.70 to 92.70): VN057216.D (-3521) (-)

Ion 134.00 (133.70 to 134.70): VN057216.D (-3521) (-)



#90

Hexachloroethane

Concen: 21.395 ug/l

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057216.D

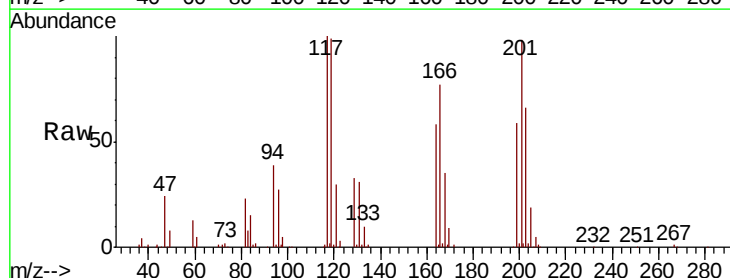
Acq: 12 Aug 2019 15:37

Tgt Ion: 117 Resp: 129054

Ion Ratio Lower Upper

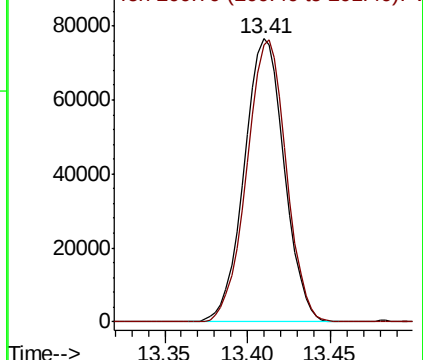
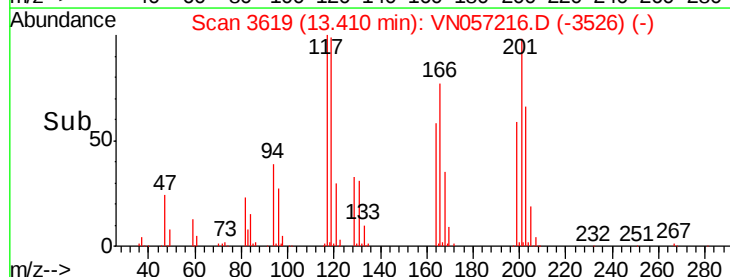
117 100

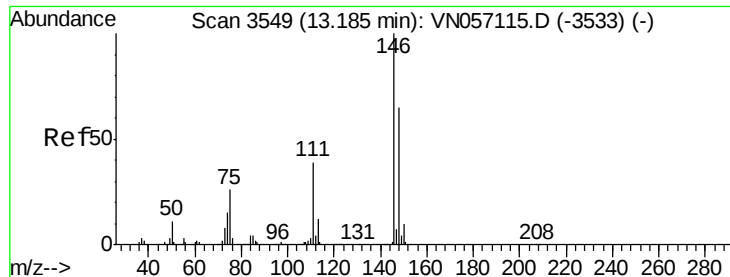
201 98.0 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VN057216.D (-3603) (-)

Ion 200.70 (200.40 to 201.40): VN057216.D (-3603) (-)





#91

1,2-Dichlorobenzene

Concen: 19.274 ug/l

RT: 13.19 min Scan# 3550

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

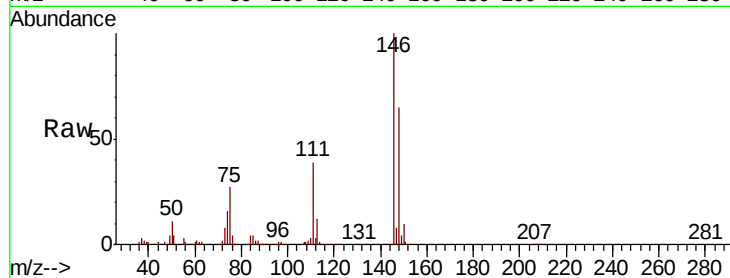
Tgt Ion: 146 Resp: 318715

Ion Ratio Lower Upper

146 100

111 38.5 19.2 57.6

148 64.8 32.4 97.0

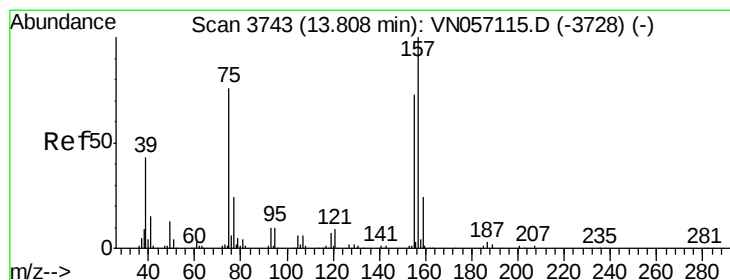
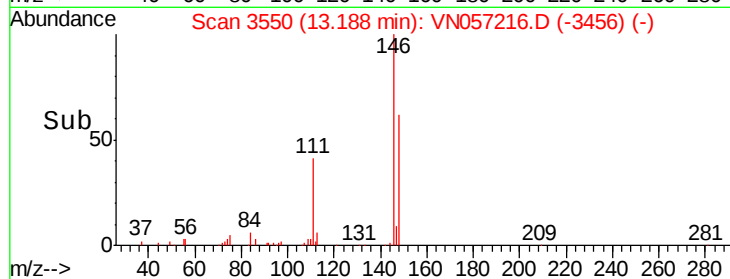
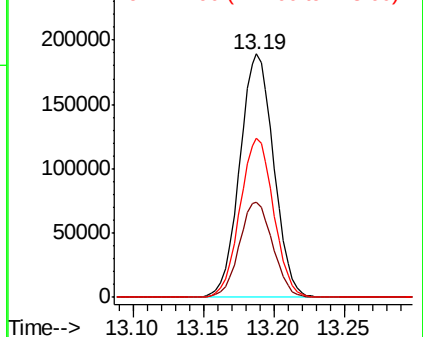


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.889 ug/l

RT: 13.81 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN057216.D

Acq: 12 Aug 2019 15:37

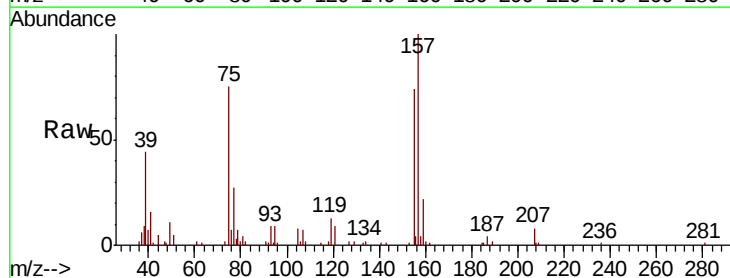
Tgt Ion: 75 Resp: 32132

Ion Ratio Lower Upper

75 100

155 101.3 49.3 147.9

157 131.9 65.3 195.8

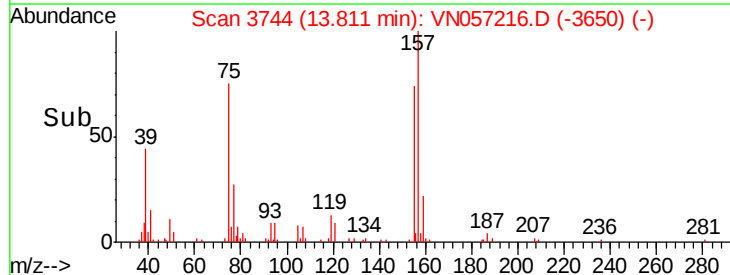
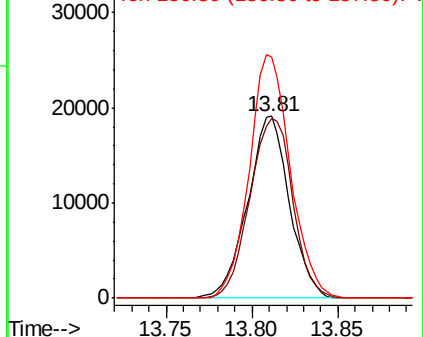


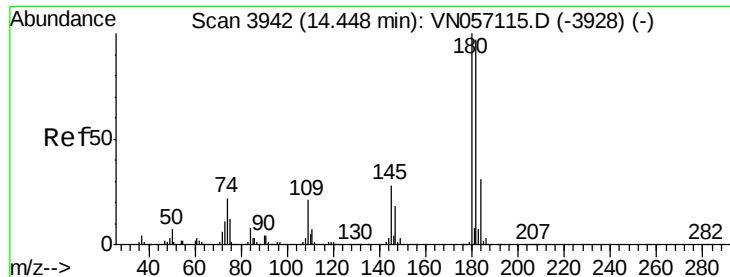
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

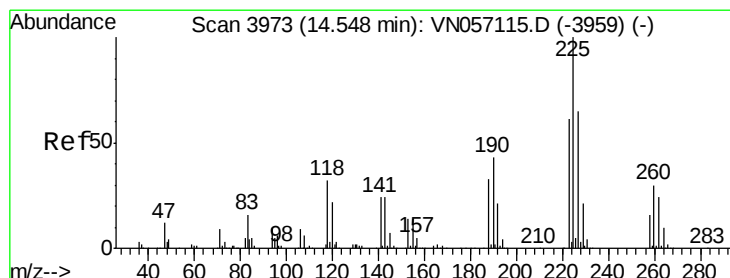
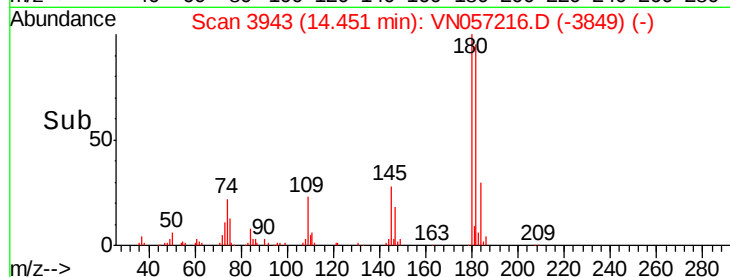
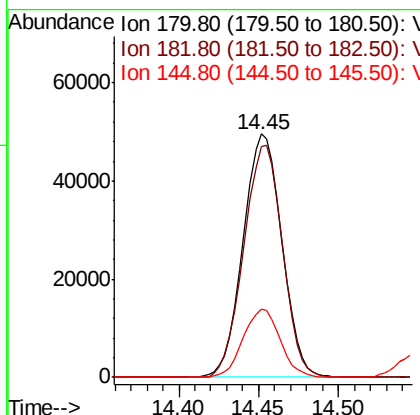
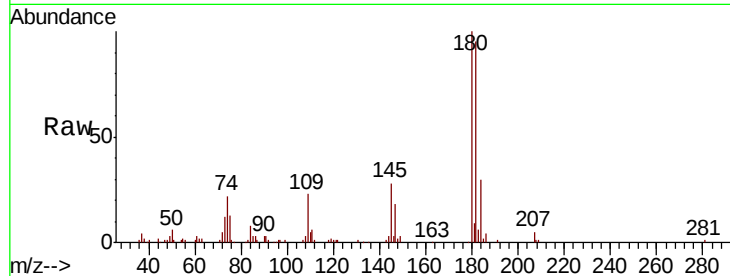




#93
 1,2,4-Trichlorobenzene
 Concen: 16.221 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

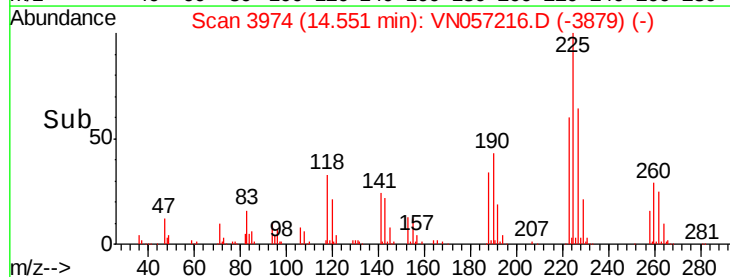
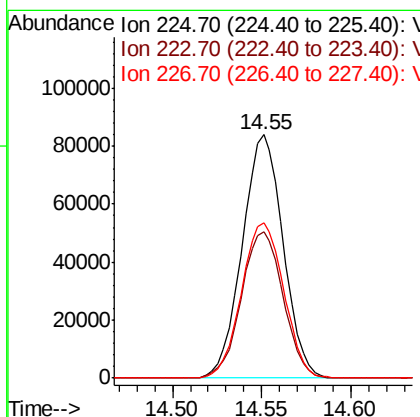
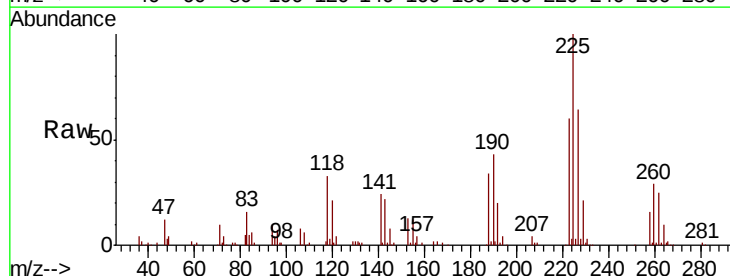
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

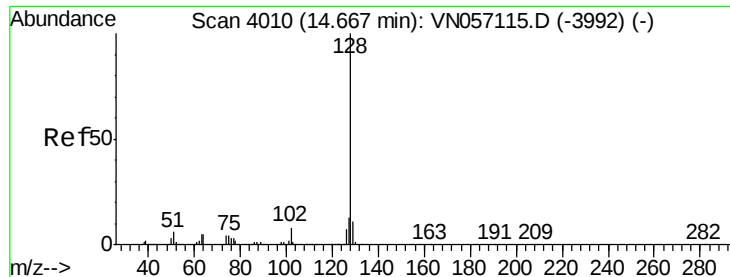
Tgt Ion:180 Resp: 81883
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.6
 145 26.6 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 21.011 ug/l
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057216.D
 Acq: 12 Aug 2019 15:37

Tgt Ion:225 Resp: 133860
 Ion Ratio Lower Upper
 225 100
 223 61.5 30.9 92.8
 227 66.1 32.4 97.0

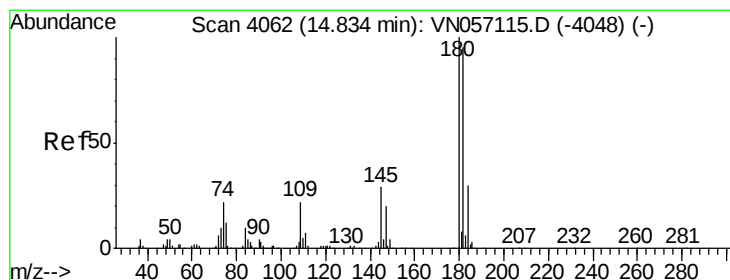
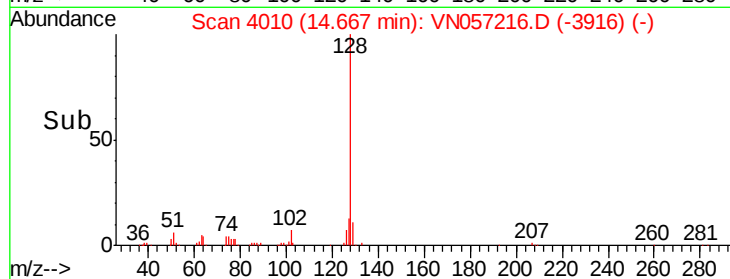
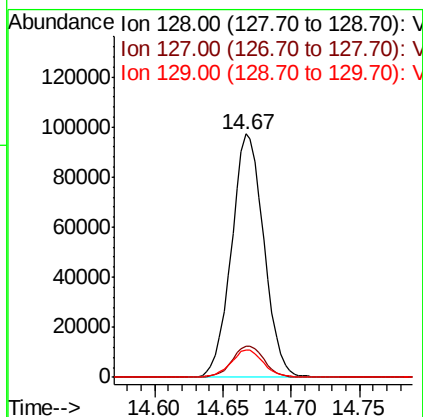
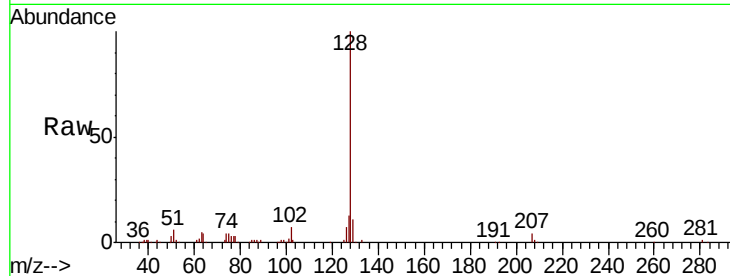




#95
Naphthalene
Concen: 15.057 ug/l
RT: 14.67 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tgt Ion:128 Resp: 160141
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.044 ug/l
RT: 14.84 min Scan# 4063
Delta R.T. 0.00 min
Lab File: VN057216.D
Acq: 12 Aug 2019 15:37

Tgt Ion:180 Resp: 84555
Ion Ratio Lower Upper
180 100
182 93.4 48.3 144.8
145 30.0 14.9 44.5

