

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059345.D
 Acq On : 21 Nov 2019 18:46
 Operator : JC/SP
 Sample : K5957-09MSD
 Misc : 5.01µl/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 06:06:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	385977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	611017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406006	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	247796	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
35) Dibromofluoromethane	7.57	113	201837	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	
50) Toluene-d8	10.08	98	819748	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.40	95	523562	102.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	215649	43.642	ug/l	100
3) Chloromethane	2.04	50	264661	43.720	ug/l	98
4) Vinyl Chloride	2.17	62	281035	45.092	ug/l	99
5) Bromomethane	2.50	94	65788	19.013	ug/l	97
6) Chloroethane	2.62	64	80998	23.813	ug/l	97
7) Trichlorofluoromethane	2.94	101	247407	36.863	ug/l	100
8) Diethyl Ether	3.38	74	125461	45.725	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	184985	45.075	ug/l	100
11) Tert butyl alcohol	4.72	59	11891	12.825	ug/l #	73
12) 1,1-Dichloroethene	3.69	96	175729	42.184	ug/l	98
13) Acrolein	3.58	56	198144	234.103	ug/l	98
14) Allyl chloride	4.28	41	315645	40.560	ug/l	98
15) Acrylonitrile	4.96	53	554554	226.206	ug/l	99
16) Acetone	3.80	43	436477	210.199	ug/l	98
17) Carbon Disulfide	4.00	76	572959	43.903	ug/l	100
18) Methyl Acetate	4.29	43	324664	47.112	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	626487	46.562	ug/l	98
20) Methylene Chloride	4.51	84	204382	43.641	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	197757	44.792	ug/l	99
22) Diisopropyl ether	5.92	45	666782	45.507	ug/l	99
23) Vinyl Acetate	5.86	43	2657264	230.621	ug/l	99
24) 1,1-Dichloroethane	5.81	63	372174	45.126	ug/l	100
25) 2-Butanone	6.82	43	717020	222.061	ug/l	99
26) 2,2-Dichloropropane	6.79	77	309823	43.384	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	222026	44.573	ug/l	99
28) Bromochloromethane	7.17	49	158382	47.279	ug/l	97
29) Tetrahydrofuran	7.19	42	494970	221.692	ug/l	99
30) Chloroform	7.35	83	353343	44.135	ug/l	99
31) Cyclohexane	7.63	56	356264	43.689	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	304706	44.312	ug/l	99
36) 1,1-Dichloropropene	7.77	75	286732	45.457	ug/l	100
37) Ethyl Acetate	6.91	43	291993	43.072	ug/l	98
38) Carbon Tetrachloride	7.75	117	267039	44.222	ug/l	99
39) Methylcyclohexane	9.07	83	368081	48.391	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.02	78	841843	45.472	ug/l	100
41) Methacrylonitrile	7.19	41	427712	142.123	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	272446	44.496	ug/l	100
43) Isopropyl Acetate	8.15	43	466846	45.060	ug/l #	92
44) Trichloroethene	8.82	130	211607	45.099	ug/l	97
45) 1,2-Dichloropropane	9.10	63	223233	45.219	ug/l	100
46) Dibromomethane	9.20	93	134788	44.512	ug/l	100
47) Bromodichloromethane	9.39	83	273208	45.051	ug/l	100
48) Methyl methacrylate	9.19	41	206859	43.906	ug/l	97
49) 1,4-Dioxane	9.20	88	73790	1042.103	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1375137	226.761	ug/l	99
52) Toluene	10.15	92	508727	45.700	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	323637	45.908	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	355698	46.498	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	222320	51.366	ug/l	99
56) Ethyl methacrylate	10.43	69	337781	46.375	ug/l	97
57) 1,3-Dichloropropane	10.70	76	340120	45.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	649187	242.687	ug/l	100
59) 2-Hexanone	10.75	43	1045288	235.398	ug/l	98
60) Dibromochloromethane	10.90	129	205236	44.999	ug/l	99
61) 1,2-Dibromoethane	11.00	107	202602	44.988	ug/l	99
64) Tetrachloroethene	10.63	164	179846	42.846	ug/l	98
65) Chlorobenzene	11.43	112	527742	45.223	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	188443	44.450	ug/l	100
67) Ethyl Benzene	11.51	91	1023801	49.135	ug/l	99
68) m/p-Xylenes	11.62	106	731220	94.443	ug/l	98
69) o-Xylene	11.95	106	350920	47.343	ug/l	96
70) Stvrene	11.97	104	575443	49.201	ug/l	97
71) Bromoform	12.13	173	146867	45.743	ug/l #	100
73) Isopropylbenzene	12.25	105	1057632	31.799	ug/l	100
74) N-amyl acetate	12.05	43	2939317	219.900	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.51	83	685187	62.277	ug/l #	92
76) 1,2,3-Trichloropropane	12.56	75	401331	42.787	ug/l #	100
77) Bromobenzene	12.53	156	227548	28.207	ug/l	87
78) n-propylbenzene	12.59	91	1431946	38.008	ug/l	97
79) 2-Chlorotoluene	12.68	91	727938	31.479	ug/l	94
80) 1,3,5-Trimethylbenzene	12.74	105	835541	29.885	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	110357	29.427	ug/l #	65
82) 4-Chlorotoluene	12.78	91	697453	29.146	ug/l	89
83) tert-Butylbenzene	13.00	119	955856	40.479	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1060973	38.739	ug/l	100
85) sec-Butylbenzene	13.17	105	1578856	49.747	ug/l	88
86) p-Isopropyltoluene	13.29	119	895678	31.715	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	406473	28.294	ug/l #	1
88) 1,4-Dichlorobenzene	13.37	146	410926	28.910	ug/l #	1
89) n-Butylbenzene	13.62	91	1229677	49.634	ug/l #	76
90) Hexachloroethane	13.89	117	471445	88.144	ug/l #	38
91) 1,2-Dichlorobenzene	13.66	146	403438	29.025	ug/l #	41
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67752	28.965	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	295413	35.102	ug/l #	19

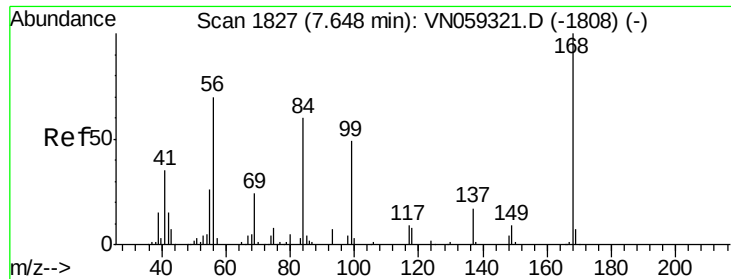
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	173886	34.723	µg/l	99
95) Naphthalene	15.13	128	835753	35.870	µg/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	283675	34.062	µg/l #	68

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

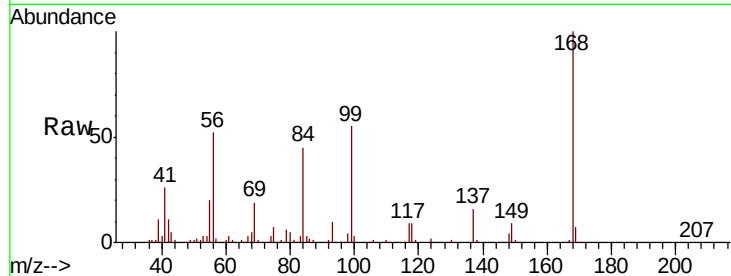
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 385977

Ion Ratio Lower Upper

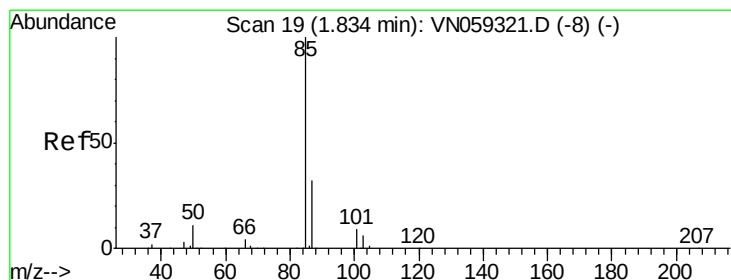
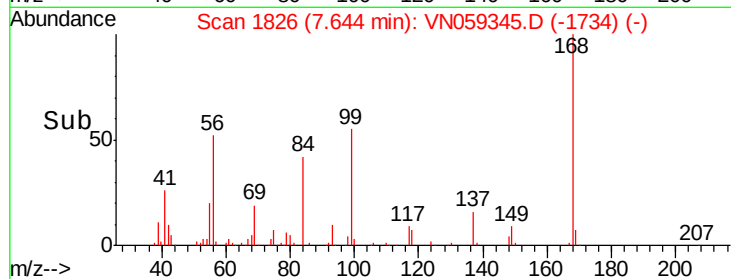
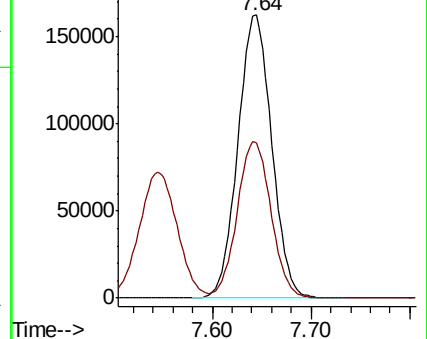
168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.642 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059345.D

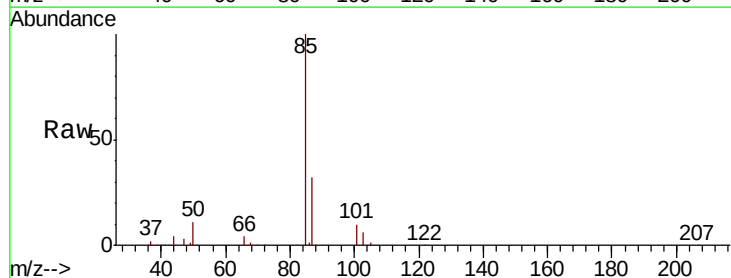
Acq: 21 Nov 2019 18:46

Tgt Ion: 85 Resp: 215649

Ion Ratio Lower Upper

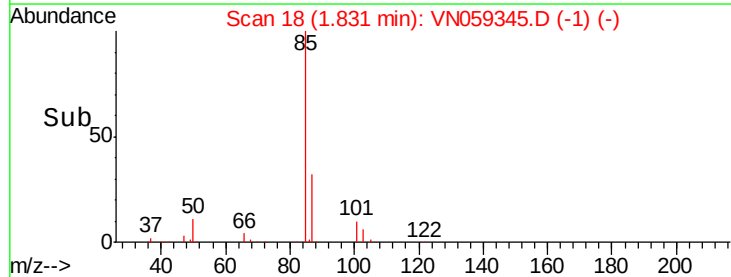
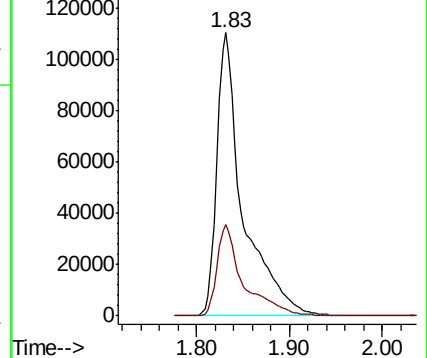
85 100

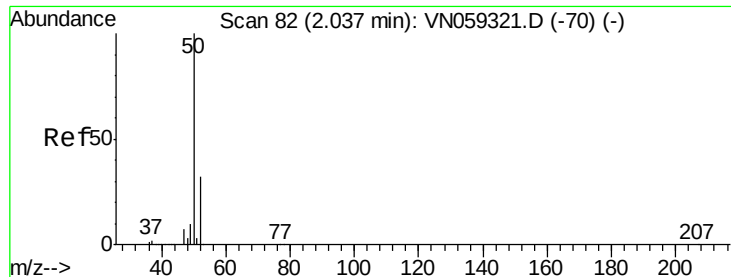
87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.720 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

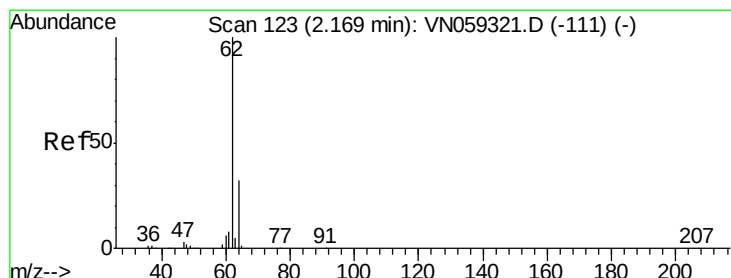
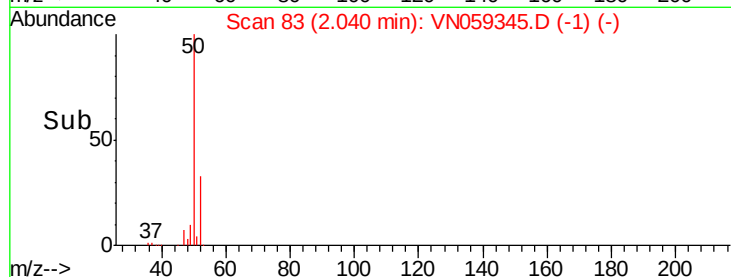
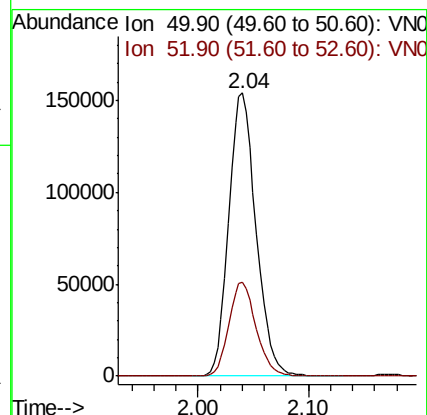
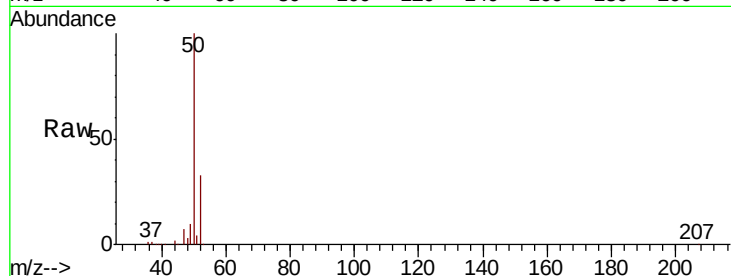
ClientSampled :

Tot Ion: 50 Resp: 264661

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



#4

Vinyl Chloride

Concen: 45.092 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN059345.D

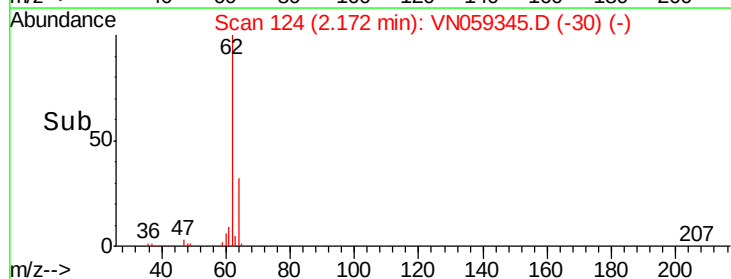
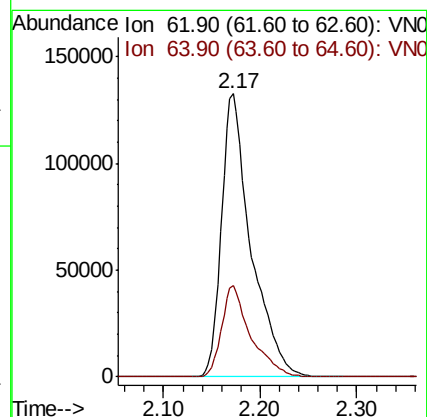
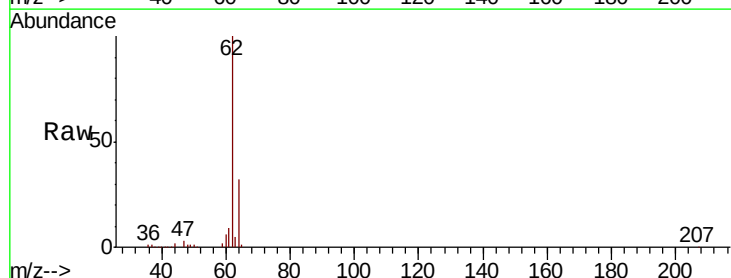
Acq: 21 Nov 2019 18:46

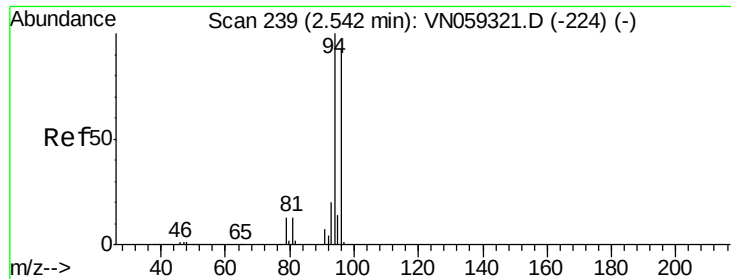
Tgt Ion: 62 Resp: 281035

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 19.013 ug/l

RT: 2.50 min Scan# 225

Delta R.T. -0.04 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

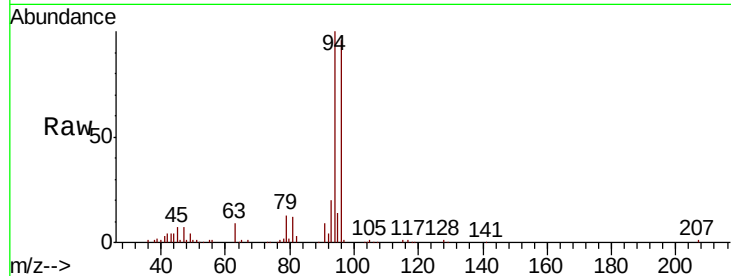
ClientSampled :

Tot Ion: 94 Resp: 65788

Ion Ratio Lower Upper

94 100

96 96.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.50

50000

40000

30000

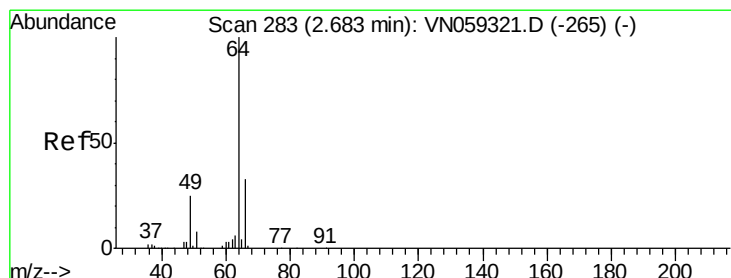
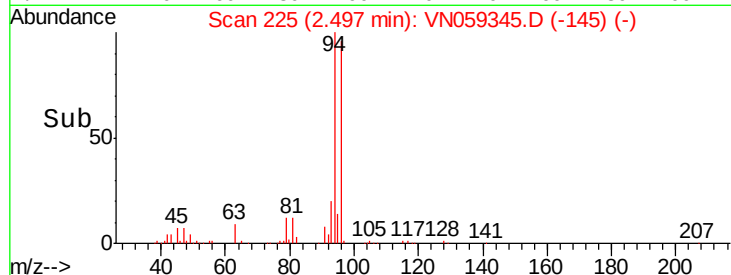
20000

10000

0

Time-->

2.40 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 23.813 ug/l

RT: 2.62 min Scan# 263

Delta R.T. -0.06 min

Lab File: VN059345.D

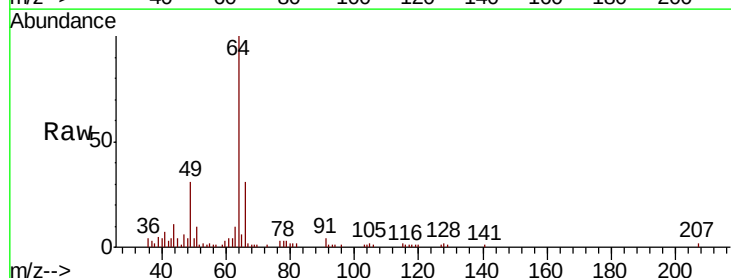
Acq: 21 Nov 2019 18:46

Tgt Ion: 64 Resp: 80998

Ion Ratio Lower Upper

64 100

66 31.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.62

20000

15000

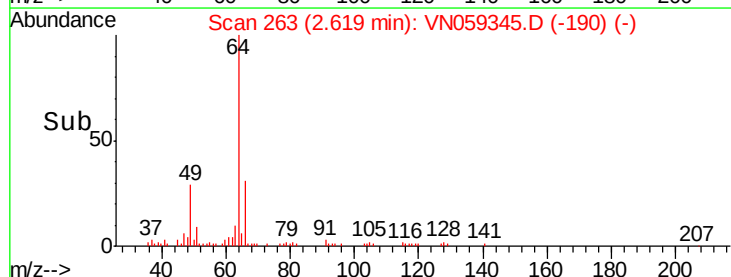
10000

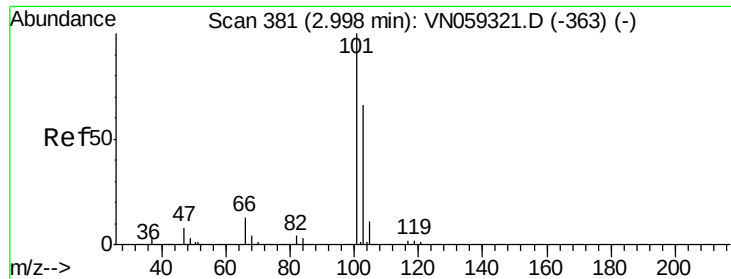
5000

0

Time-->

2.50 2.60 2.70 2.80



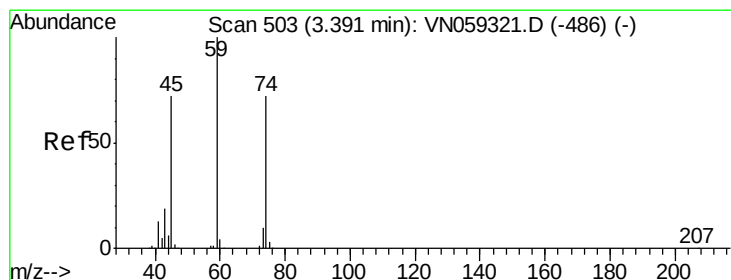
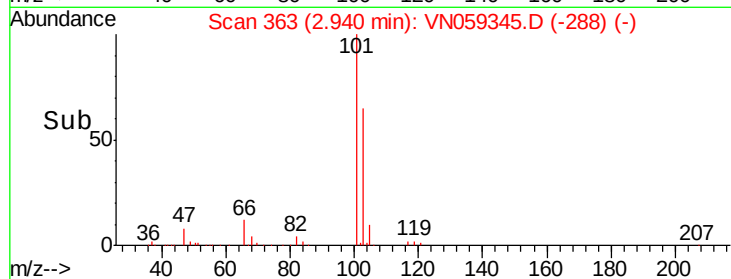
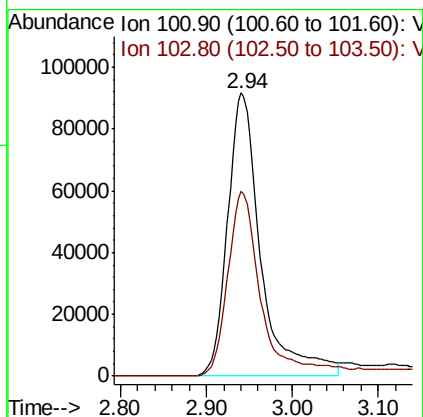
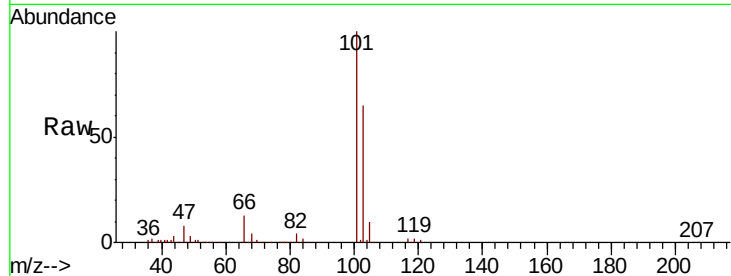


#7

Trichlorofluoromethane
 Concen: 36.863 ug/l
 RT: 2.94 min Scan# 363
 Delta R.T. -0.06 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Instrument :
 MSVOA_N
 ClientSampleId :

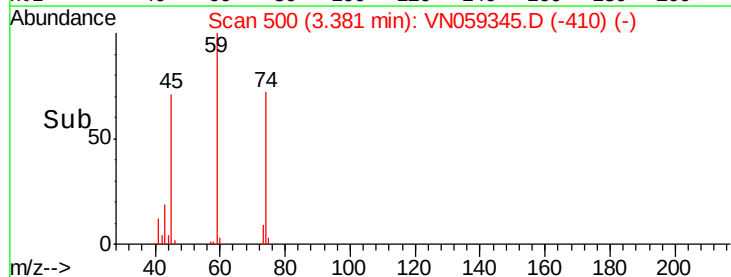
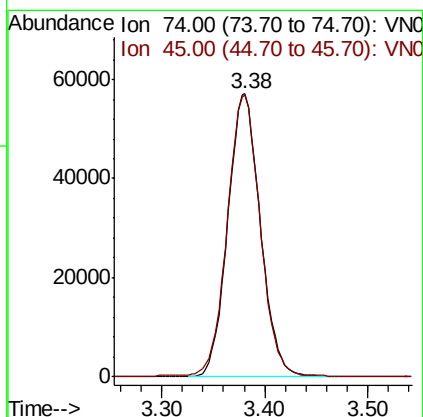
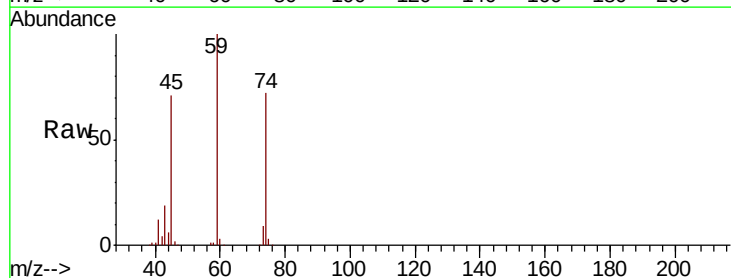
Tot Ion:101 Resp: 247407
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.5 78.7

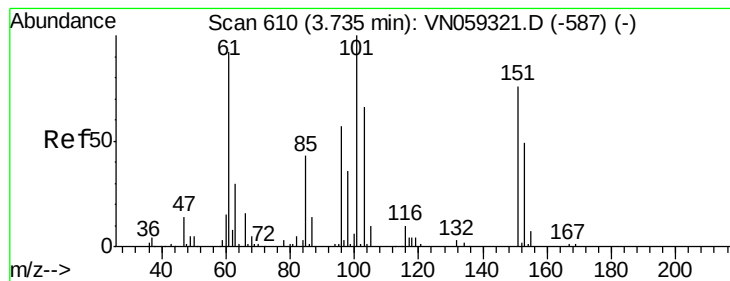


#8

Diethyl Ether
 Concen: 45.725 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion: 74 Resp: 125461
 Ion Ratio Lower Upper
 74 100
 45 100.0 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.075 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.03 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampled :

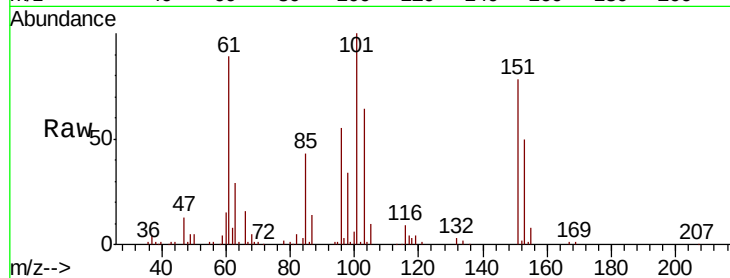
Tot Ion:101 Resp: 184985

Ion Ratio Lower Upper

101 100

85 43.1 34.8 52.2

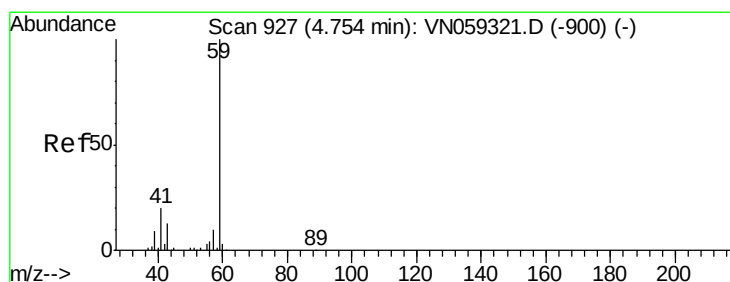
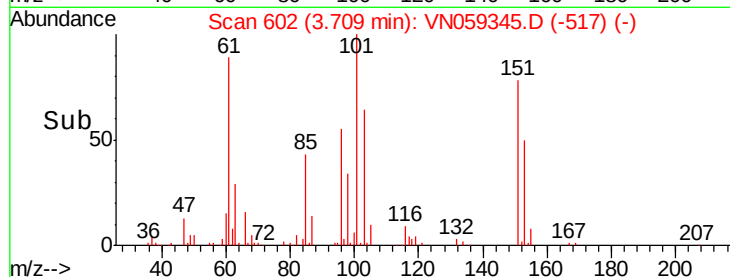
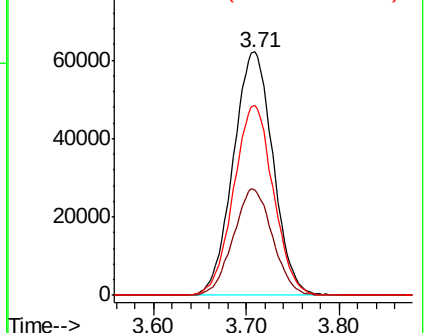
151 78.0 62.2 93.4



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



#11

Tert butyl alcohol

Concen: 12.825 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.03 min

Lab File: VN059345.D

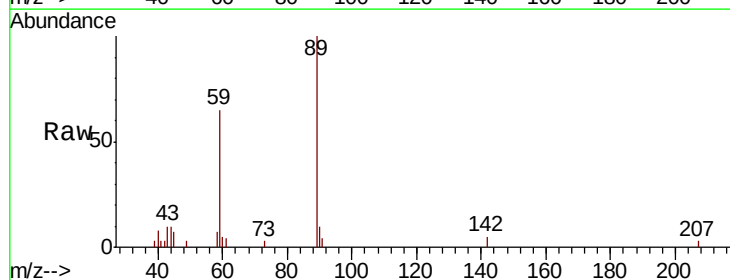
Acq: 21 Nov 2019 18:46

Tgt Ion: 59 Resp: 11891

Ion Ratio Lower Upper

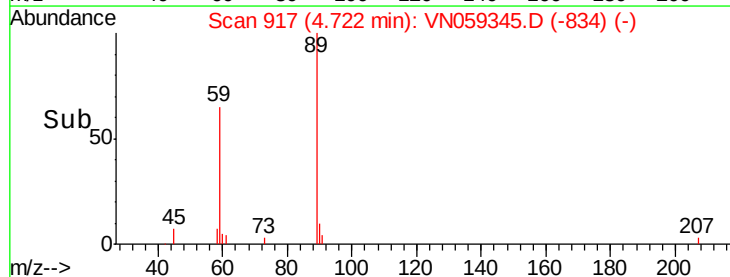
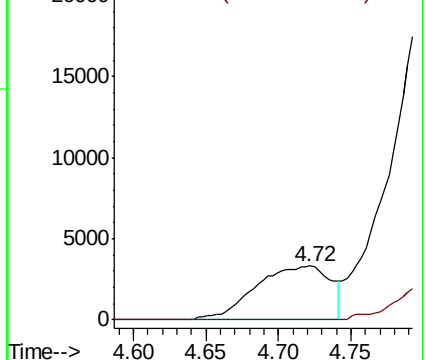
59 100

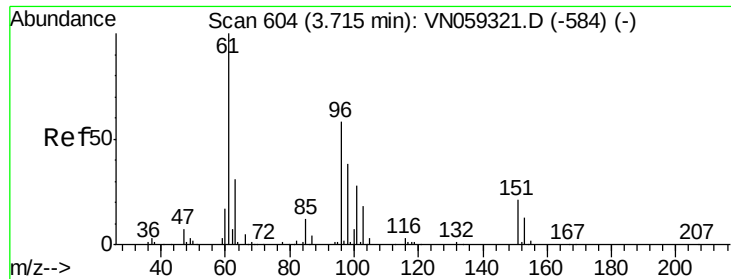
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#12

1,1-Dichloroethene

Concen: 42.184 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.03 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampled :

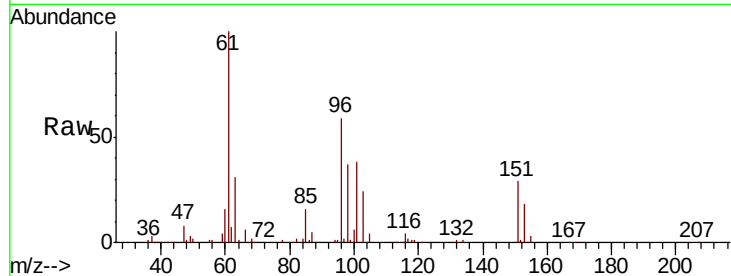
Tot Ion: 96 Resp: 175729

Ion Ratio Lower Upper

96 100

61 168.3 136.8 205.2

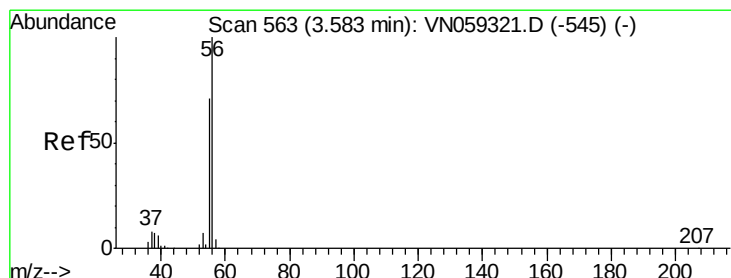
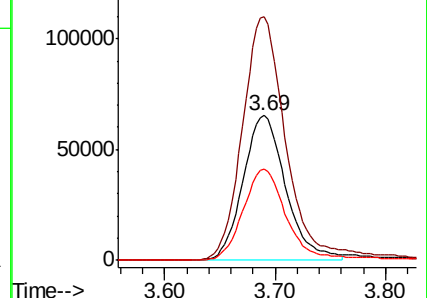
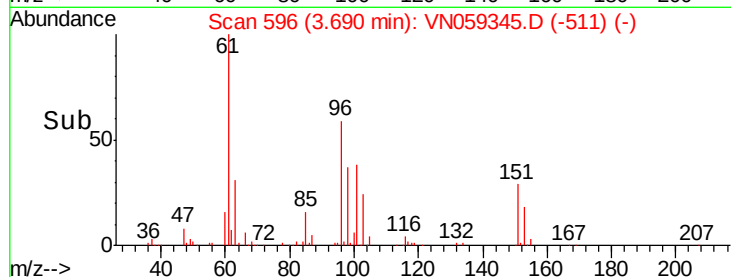
98 62.7 51.6 77.4



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



#13

Acrolein

Concen: 234.103 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN059345.D

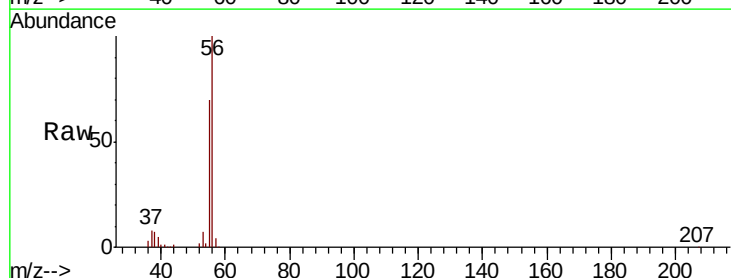
Acq: 21 Nov 2019 18:46

Tgt Ion: 56 Resp: 198144

Ion Ratio Lower Upper

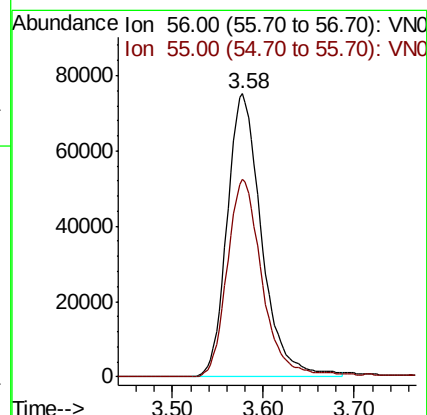
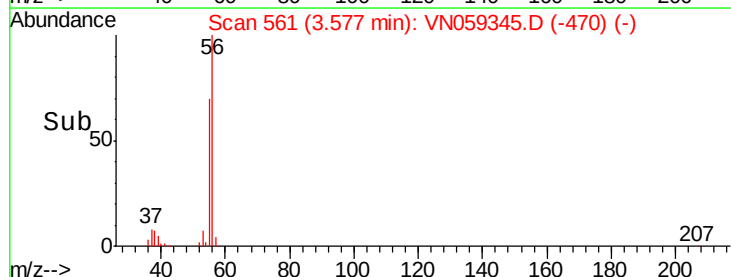
56 100

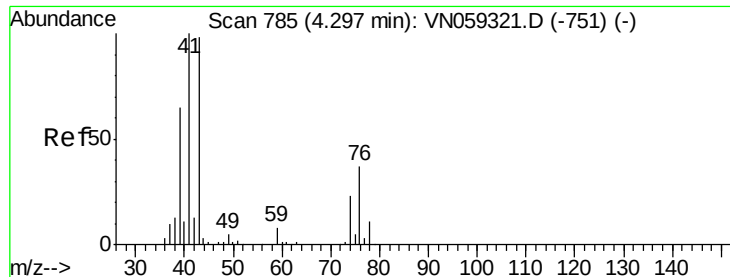
55 69.9 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

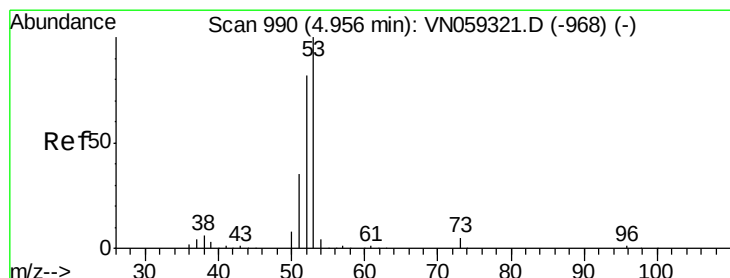
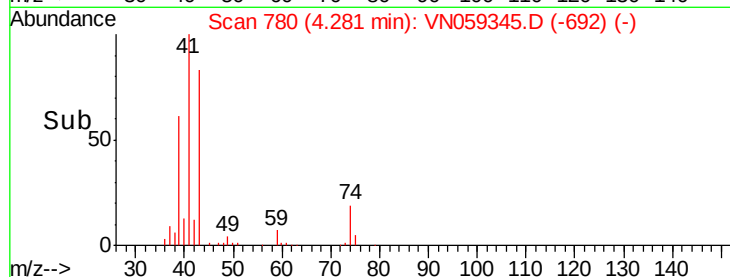
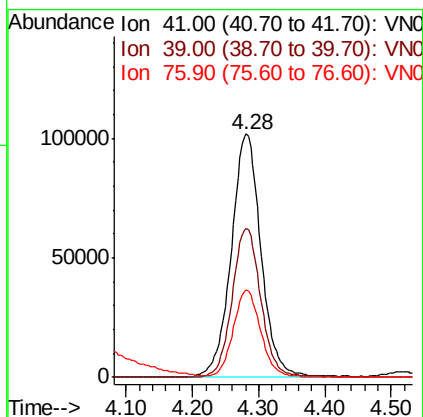
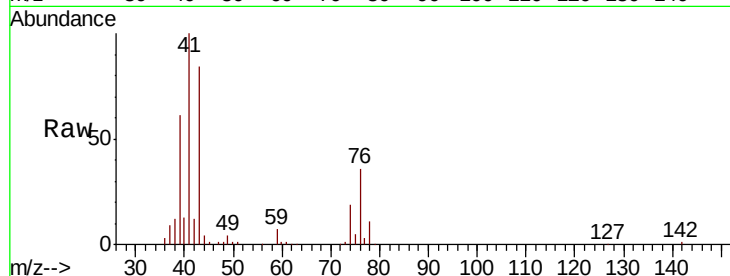




#14
Allvl chloride
Concen: 40.560 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.02 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

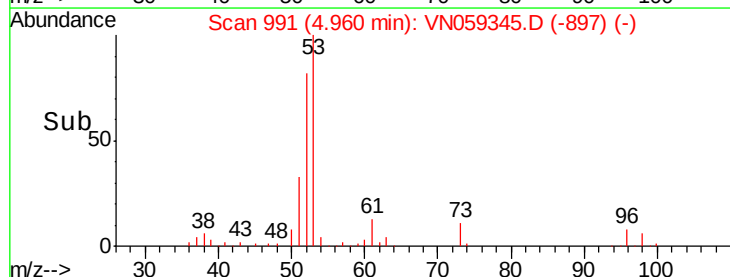
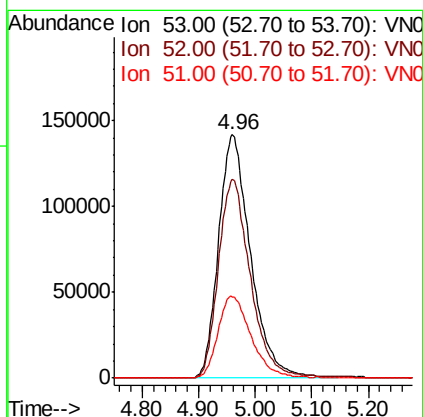
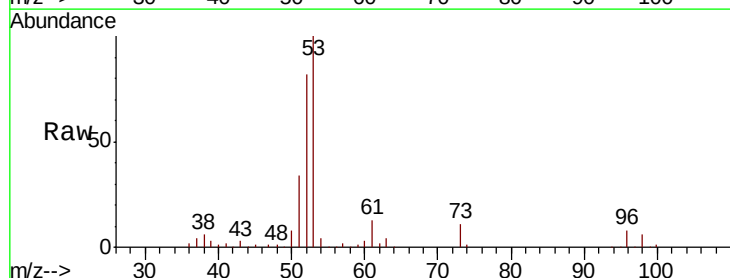
Instrument :
MSVOA_N
ClientSampled :

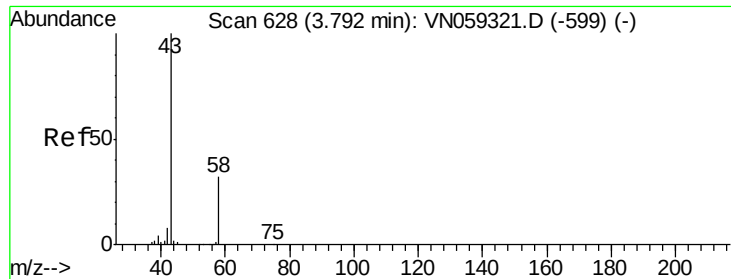
Tot Ion: 41 Resp: 315645
Ion Ratio Lower Upper
41 100
39 58.6 48.4 72.6
76 33.7 26.2 39.4



#15
Acrylonitrile
Concen: 226.206 ug/l
RT: 4.96 min Scan# 991
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 53 Resp: 554554
Ion Ratio Lower Upper
53 100
52 81.7 65.8 98.8
51 35.1 28.2 42.2





#16

Acetone

Concen: 210.199 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

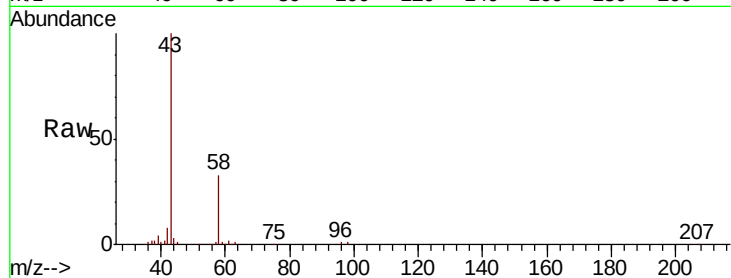
ClientSampled :

Tot Ion: 43 Resp: 436477

Ion Ratio Lower Upper

43 100

58 33.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

3.80

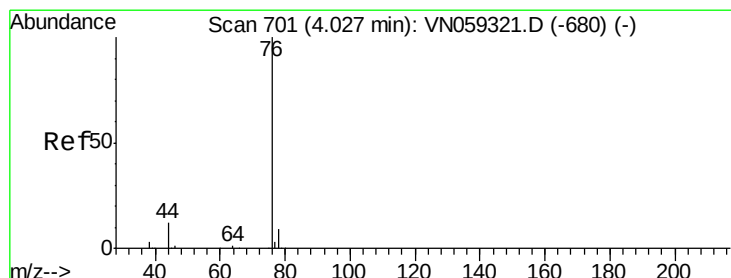
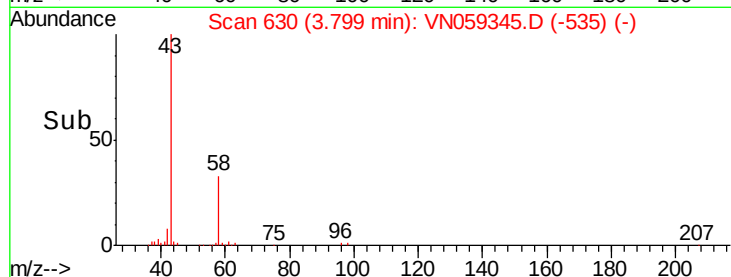
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 43.903 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.02 min

Lab File: VN059345.D

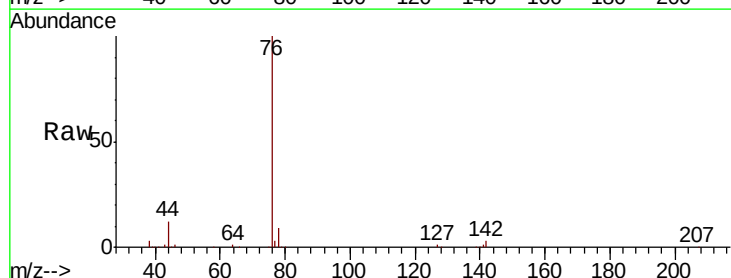
Acq: 21 Nov 2019 18:46

Tgt Ion: 76 Resp: 572959

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN059321.D (-680) (-)

Ion 77.90 (77.60 to 78.60): VN059321.D (-680) (-)

4.00

200000

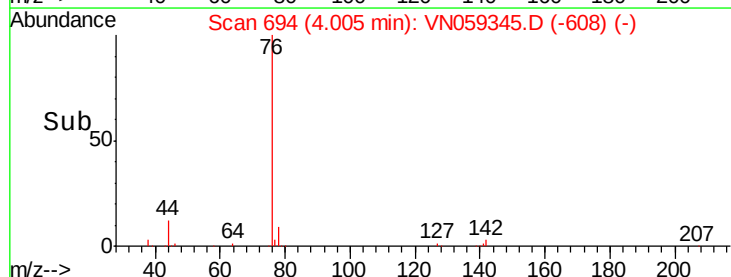
150000

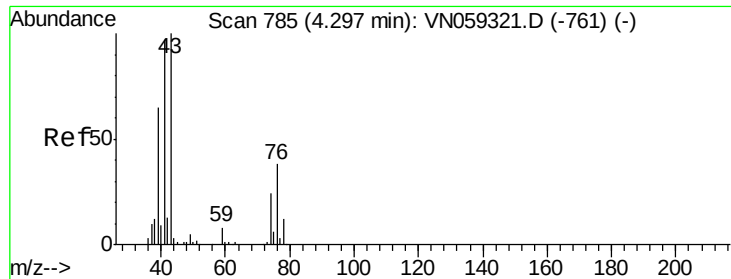
100000

50000

0

Time-->

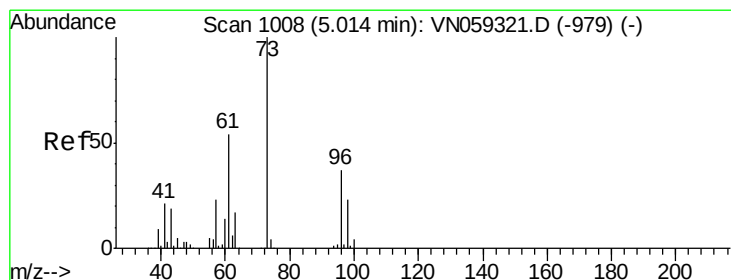
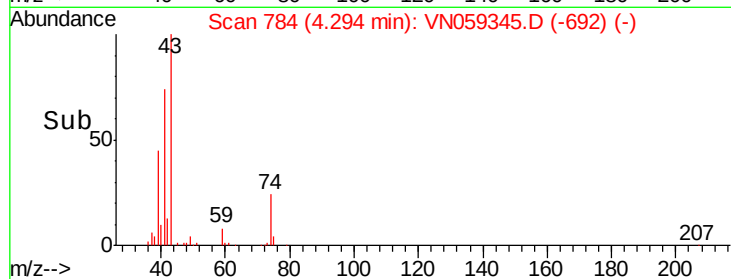
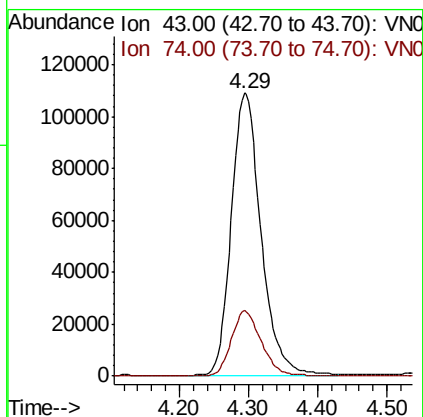
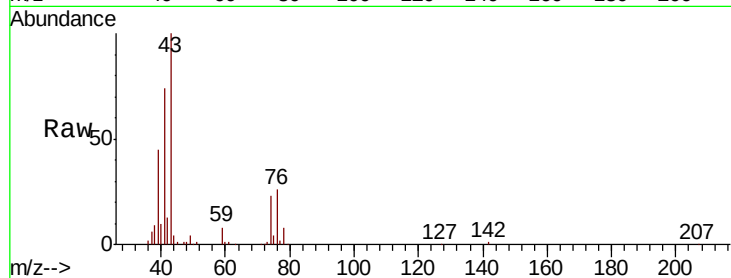




#18
Methyl Acetate
Concen: 47.112 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

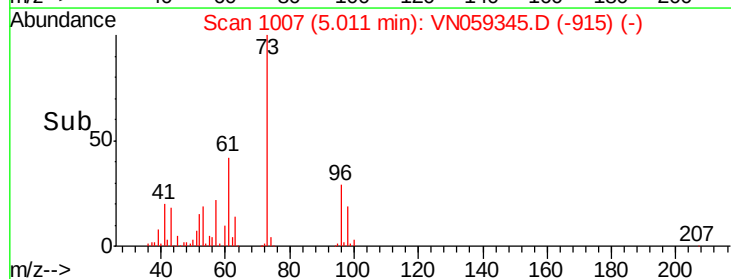
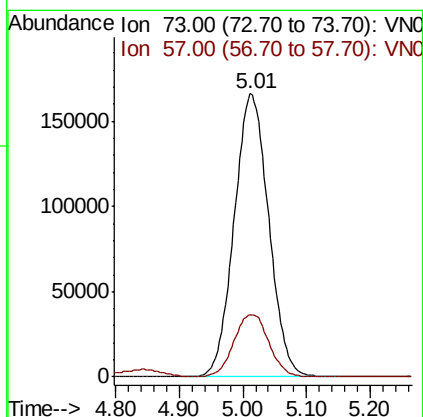
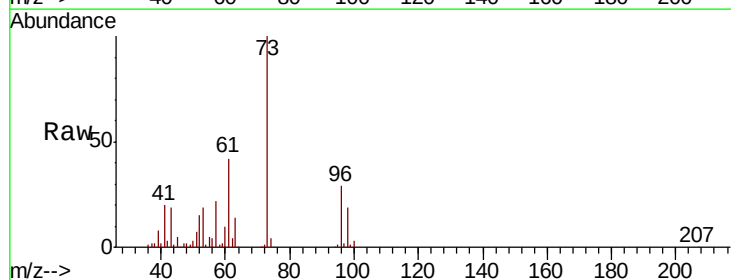
Instrument :
MSVOA_N
ClientSampled :

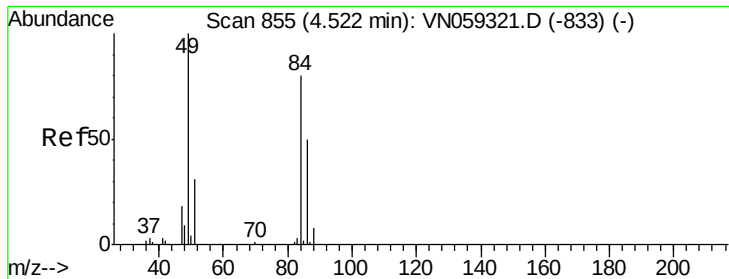
Tot Ion: 43 Resp: 324664
Ion Ratio Lower Upper
43 100
74 23.6 18.1 27.1



#19
Methyl tert-butyl Ether
Concen: 46.562 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 73 Resp: 626487
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6

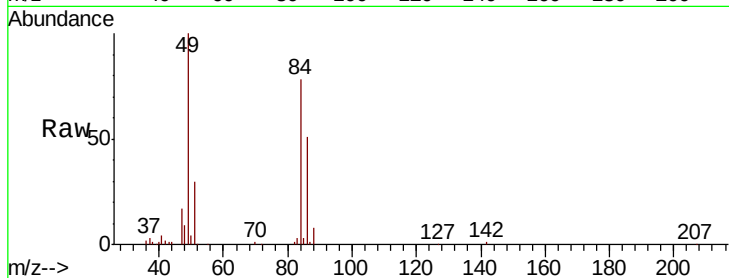




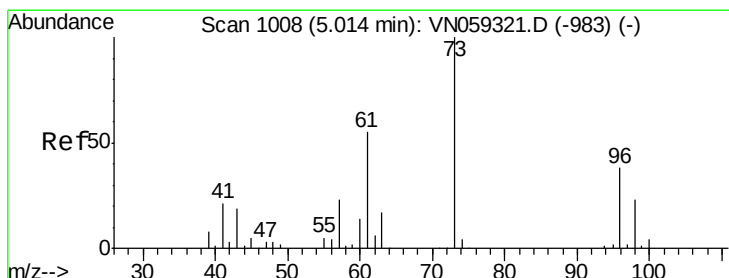
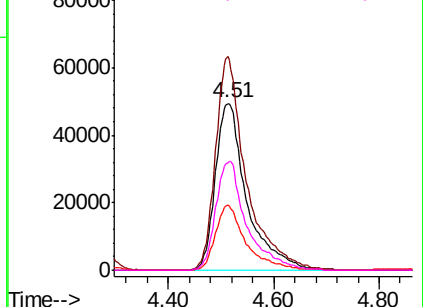
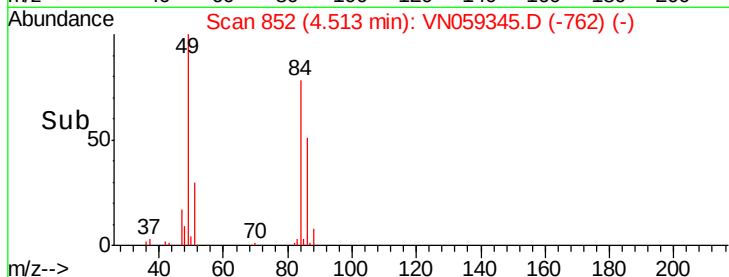
#20
Methylene Chloride
Concen: 43.641 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	84	Resp:	204382
Ion	Ratio	Lower	Upper
84	100		
49	128.2	99.5	149.3
51	38.9	31.1	46.7
86	64.8	49.9	74.9

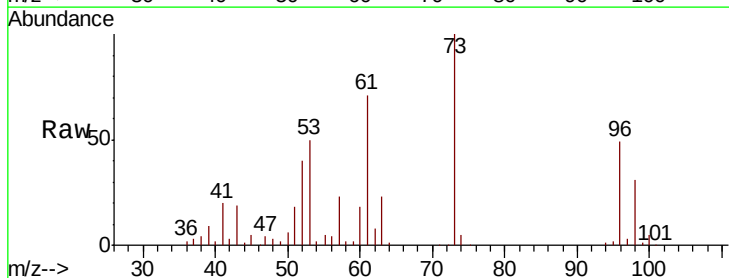


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

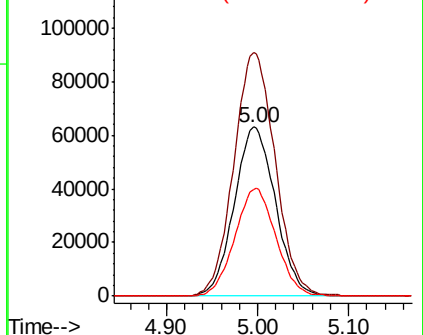
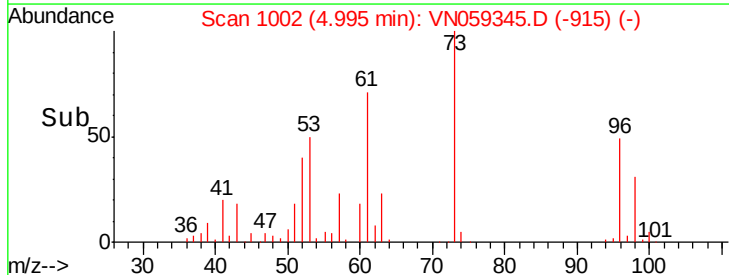


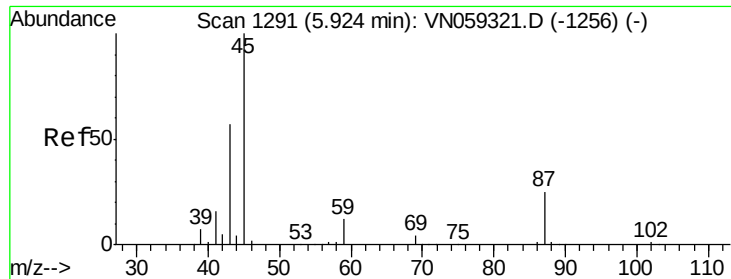
#21
trans-1,2-Dichloroethene
Concen: 44.792 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. -0.02 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion:	96	Resp:	197757
Ion	Ratio	Lower	Upper
96	100		
61	143.9	116.4	174.6
98	63.5	49.6	74.4



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





#22

Diisopropyl ether

Concen: 45.507 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

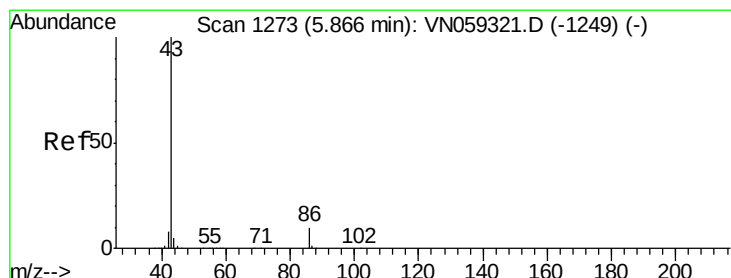
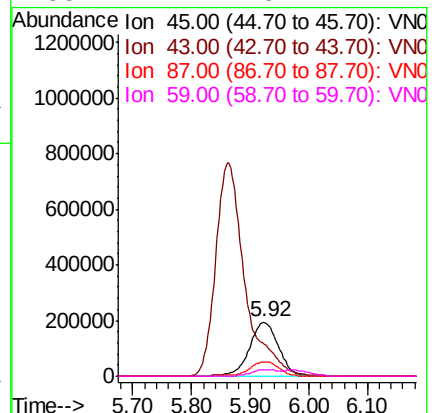
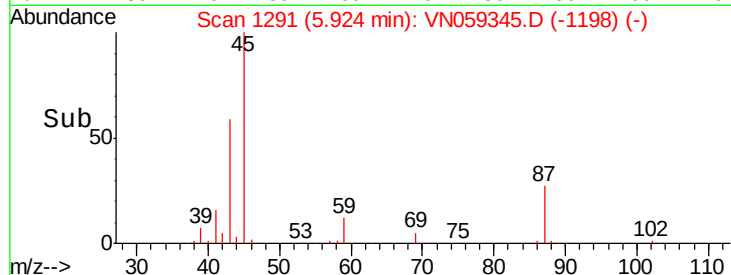
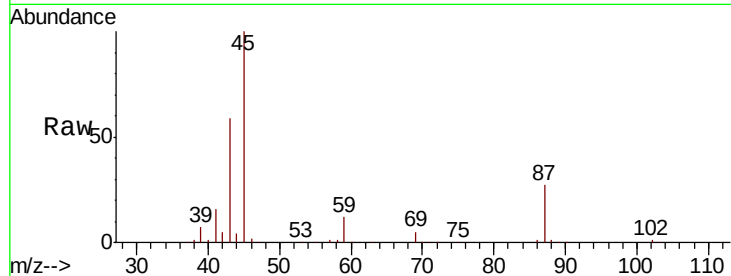
Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 45 Resp: 666782

Ion	Ratio	Lower	Upper
45	100		
43	58.5	47.6	71.4
87	26.8	20.7	31.1
59	12.2	9.4	14.2



#23

Vinyl Acetate

Concen: 230.621 ug/l

RT: 5.86 min Scan# 1272

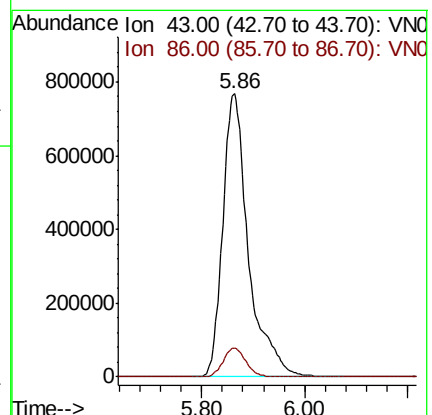
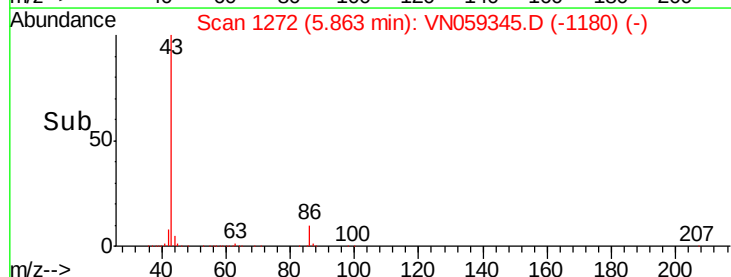
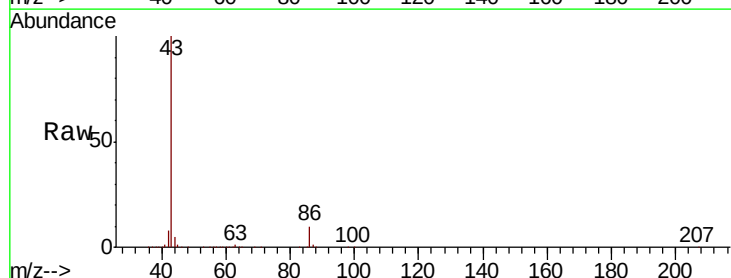
Delta R.T. -0.00 min

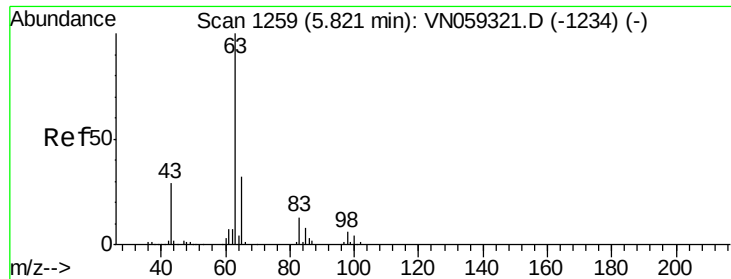
Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Tgt Ion: 43 Resp: 2657264

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.0	12.0

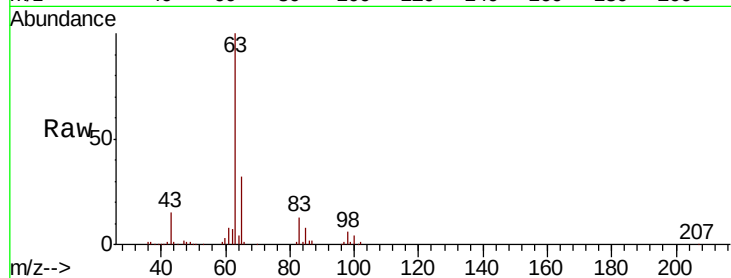




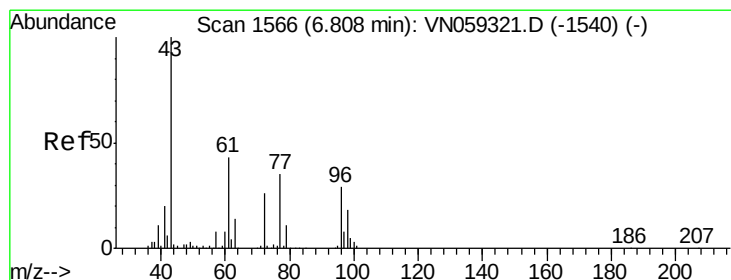
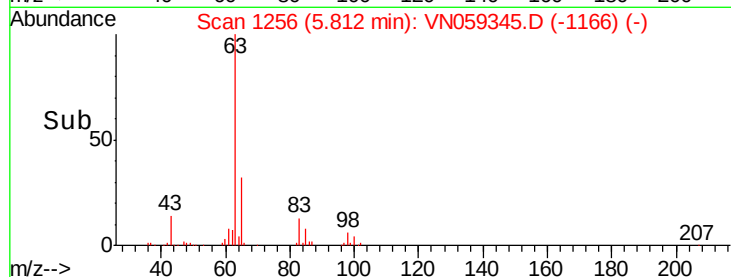
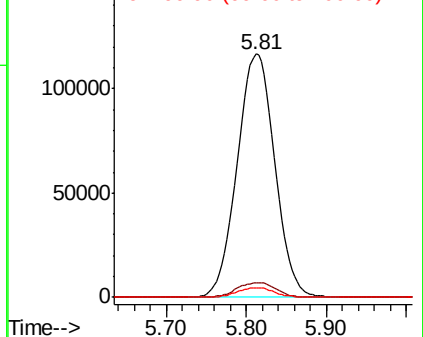
#24
 1,1-Dichloroethane
 Concen: 45.126 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 372174
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.8 1.9 5.7

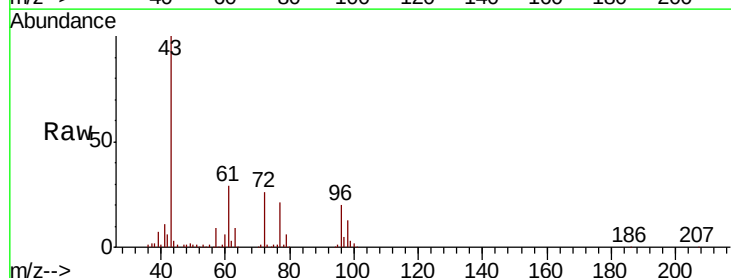


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

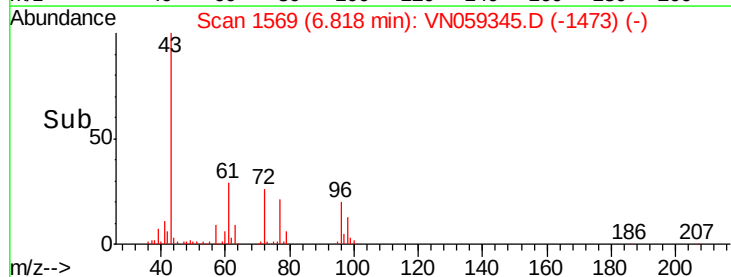
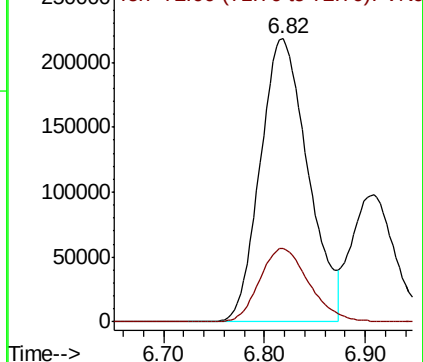


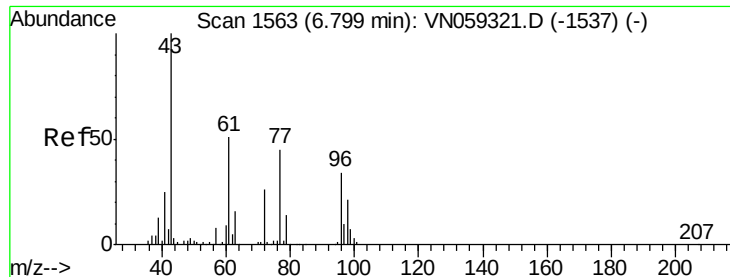
#25
 2-Butanone
 Concen: 222.061 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion: 43 Resp: 717020
 Ion Ratio Lower Upper
 43 100
 72 26.1 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

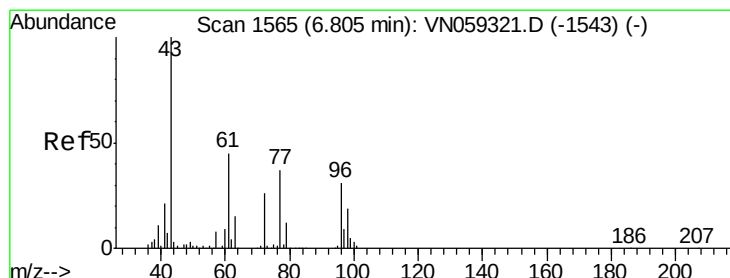
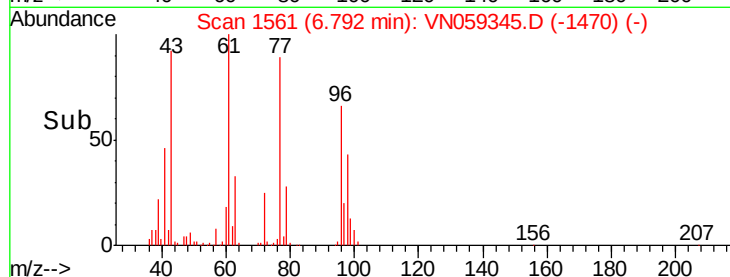
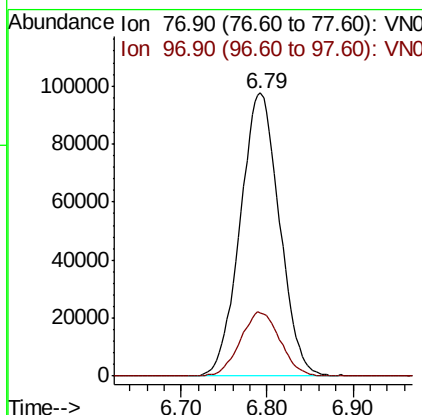
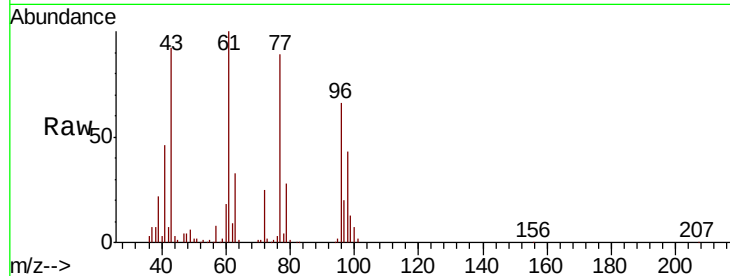




#26
 2,2-Dichloropropane
 Concen: 43.384 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

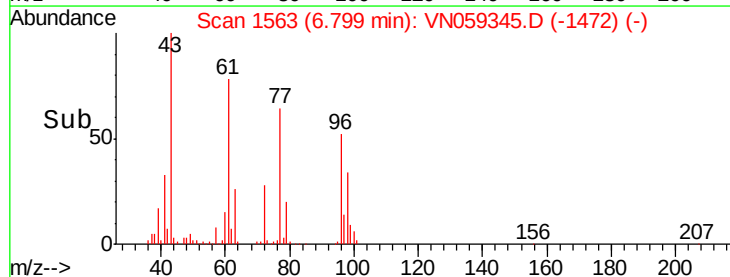
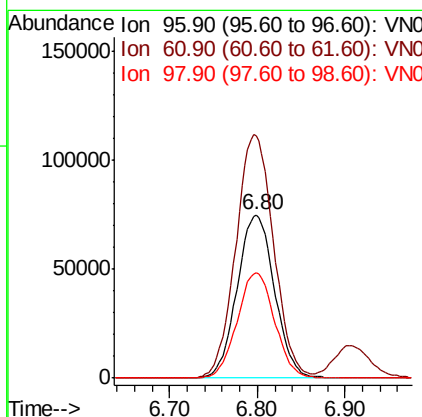
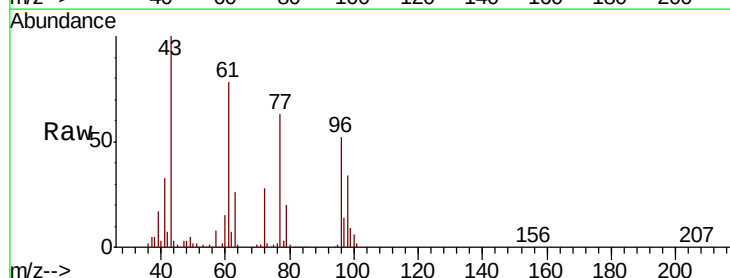
Instrument :
 MSVOA_N
 ClientSampled :

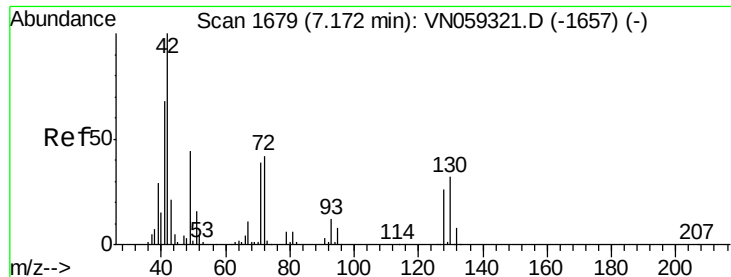
Tot Ion: 77 Resp: 309823
 Ion Ratio Lower Upper
 77 100
 97 23.0 11.5 34.4



#27
 cis-1,2-Dichloroethene
 Concen: 44.573 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion: 96 Resp: 222026
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 304.0
 98 64.6 0.0 128.4

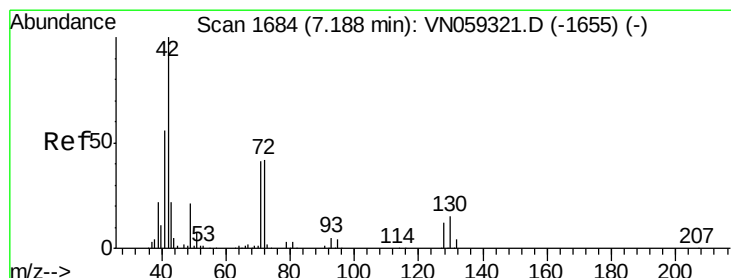
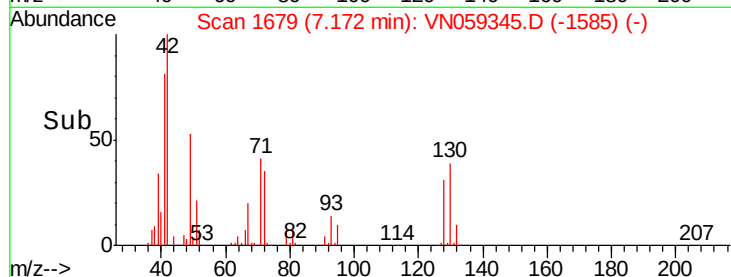
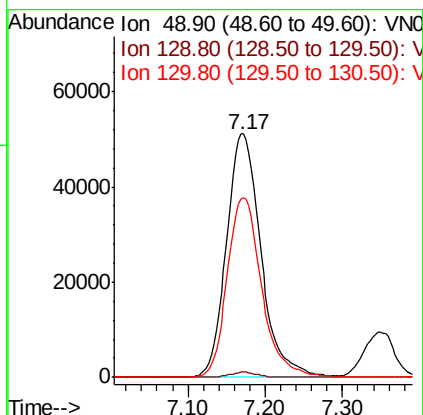
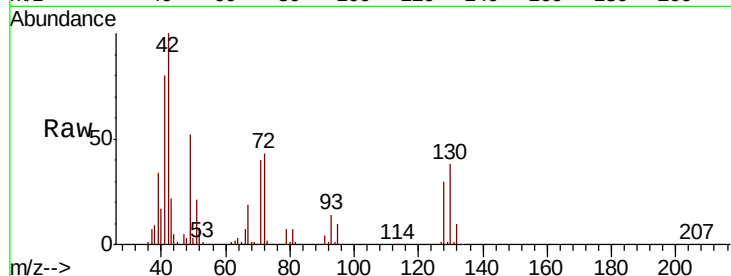




#28
Bromochloromethane
Concen: 47.279 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

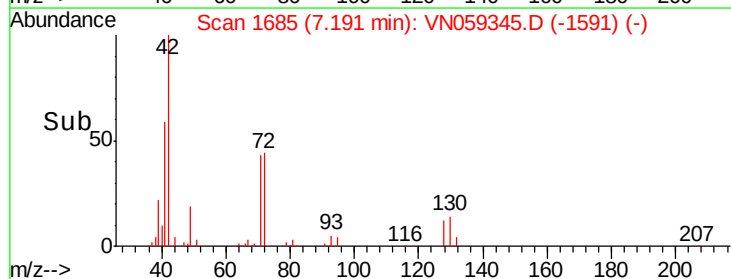
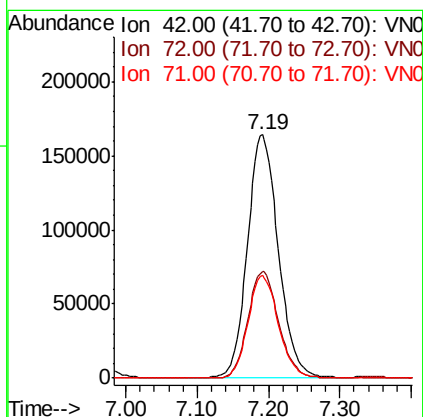
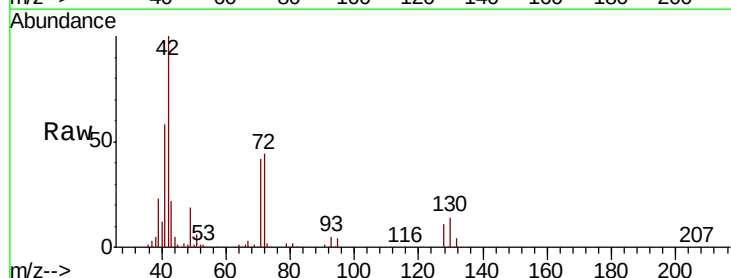
Instrument :
MSVOA_N
ClientSampleId :

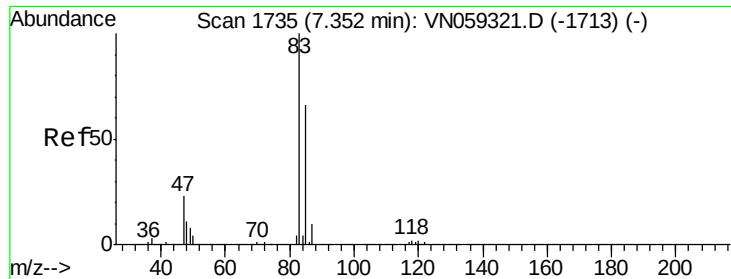
Tot Ion: 49 Resp: 158382
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 73.5 57.0 85.6



#29
Tetrahydrofuran
Concen: 221.692 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 42 Resp: 494970
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.2
71 41.4 32.6 48.8

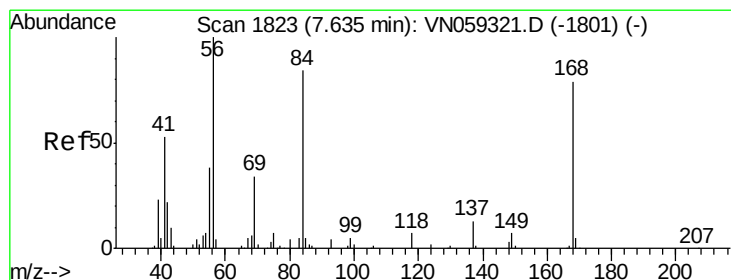
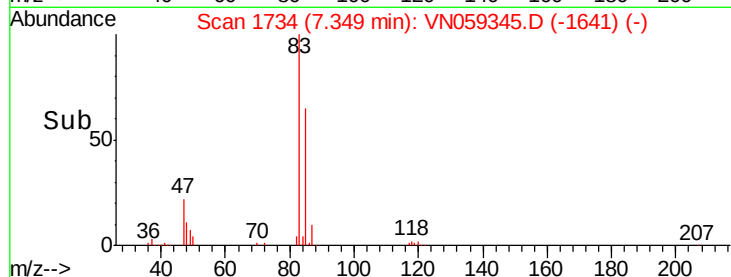
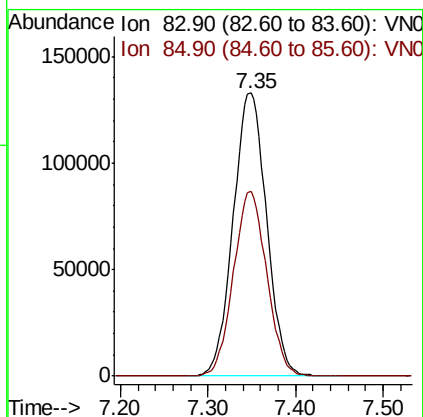
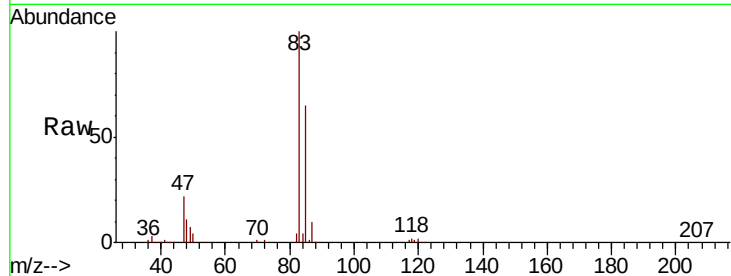




#30
Chloroform
Concen: 44.135 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

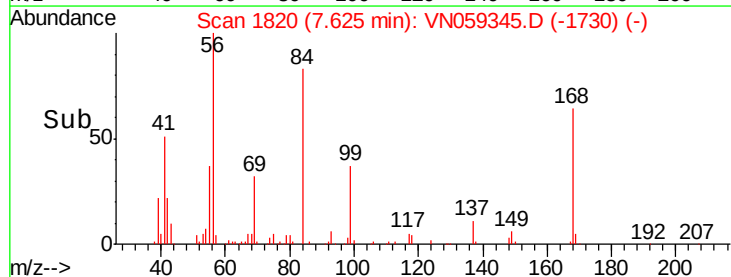
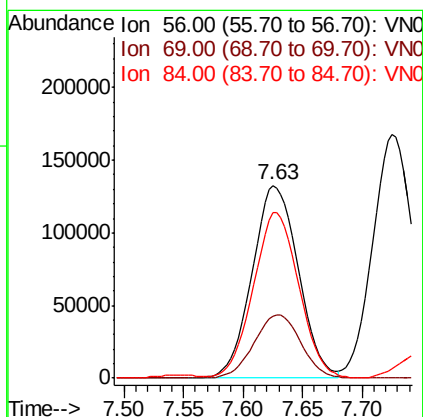
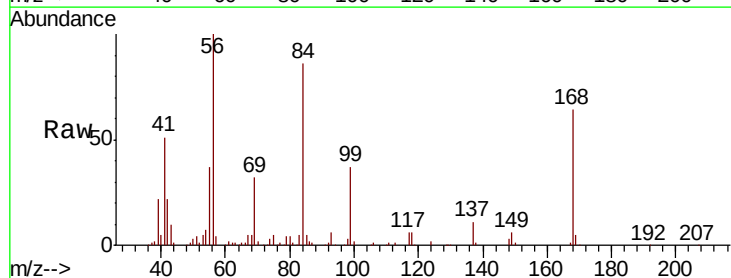
Instrument :
MSVOA_N
ClientSampled :

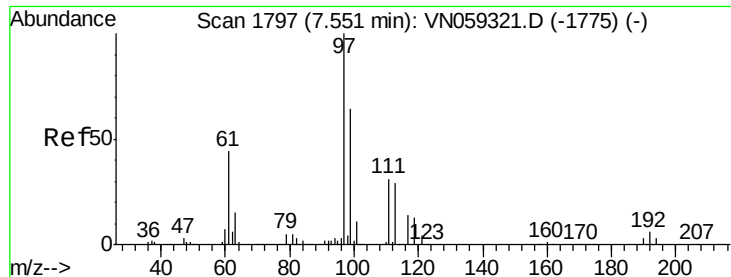
Tot Ion: 83 Resp: 353343
Ion Ratio Lower Upper
83 100
85 65.1 52.7 79.1



#31
Cyclohexane
Concen: 43.689 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.01 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 56 Resp: 356264
Ion Ratio Lower Upper
56 100
69 32.2 26.6 40.0
84 84.7 67.0 100.4





#32

1,1,1-Trichloroethane

Concen: 44.312 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampleId :

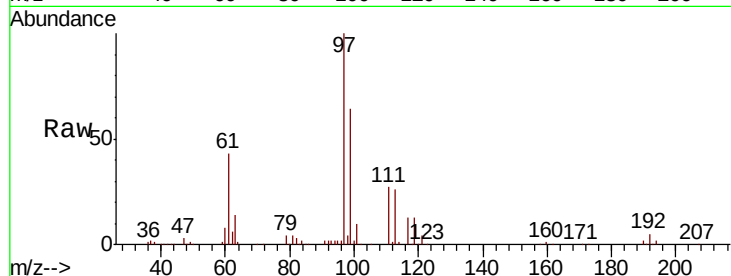
Tot Ion: 97 Resp: 304706

Ion Ratio Lower Upper

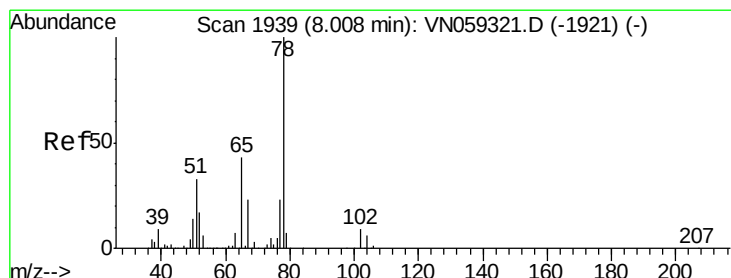
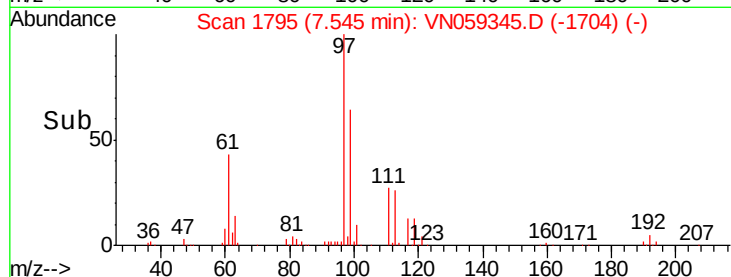
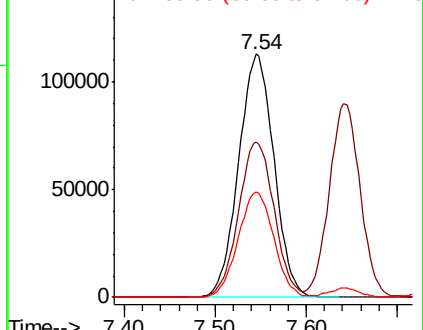
97 100

99 64.4 51.3 76.9

61 43.6 35.3 52.9



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



#33

1,2-Dichloroethane-d4

Concen: 53.507 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059345.D

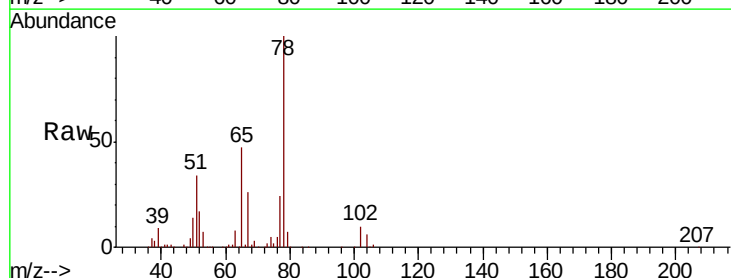
Acq: 21 Nov 2019 18:46

Tgt Ion: 65 Resp: 247796

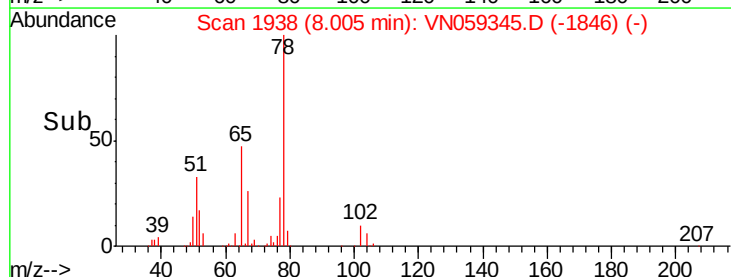
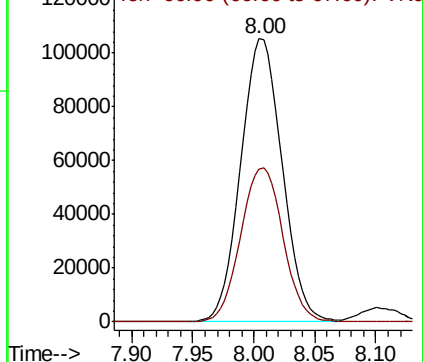
Ion Ratio Lower Upper

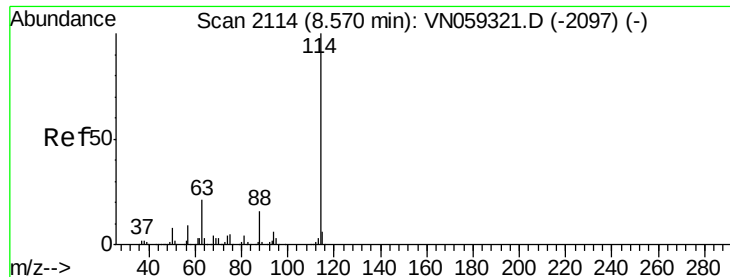
65 100

67 55.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

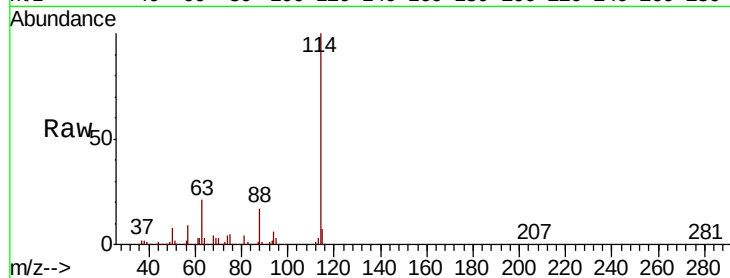




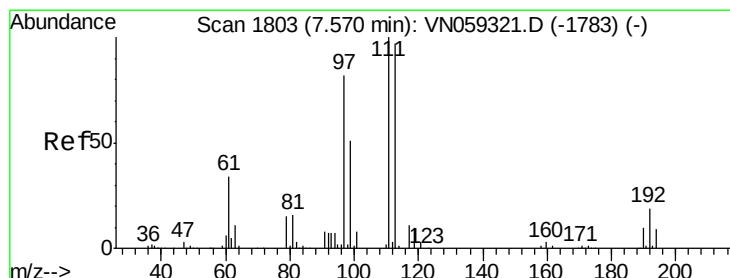
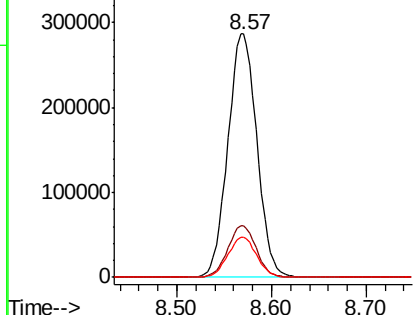
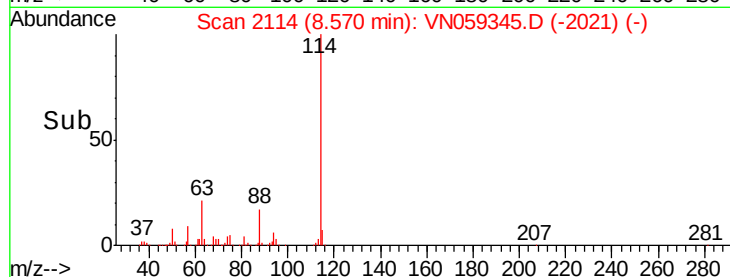
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.2
88	16.7	0.0	32.2

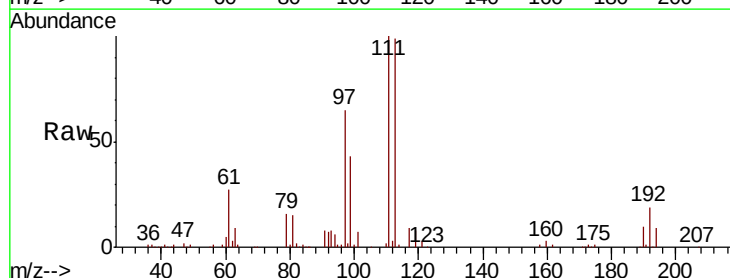


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

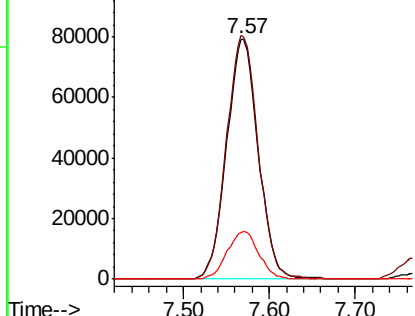
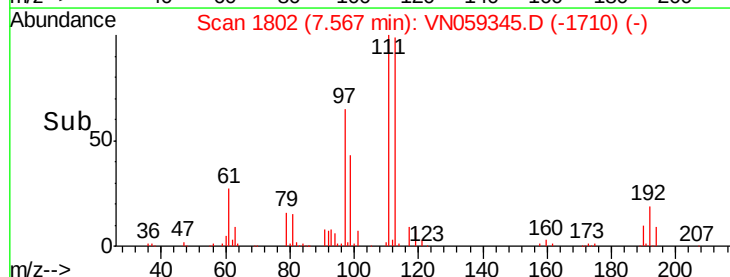


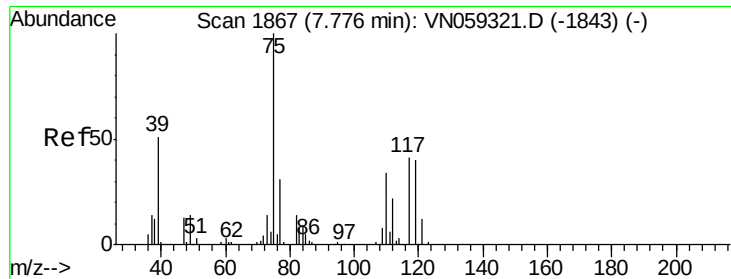
#35
 Dibromofluoromethane
 Concen: 55.060 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	19.9	16.3	24.5



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

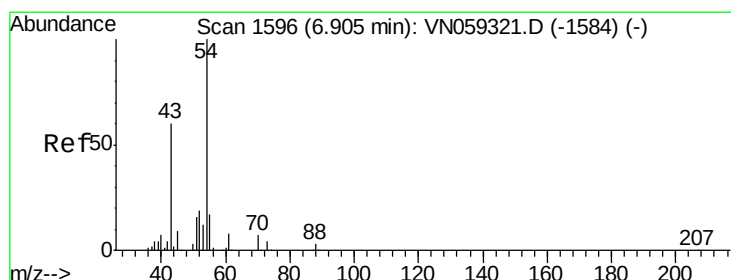
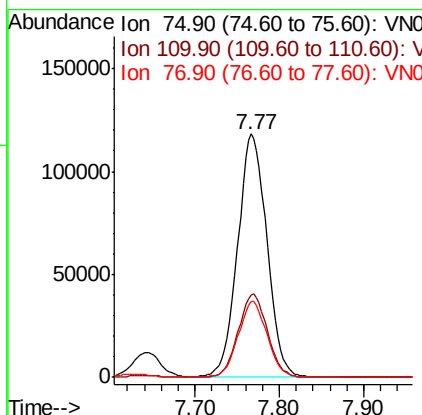
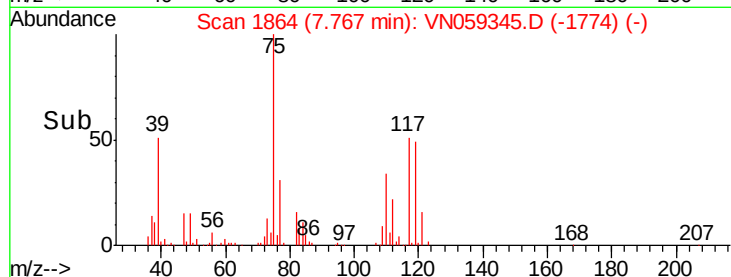
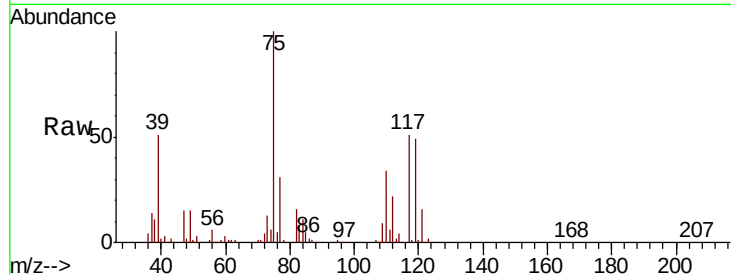




#36
 1,1-Dichloropropene
 Concen: 45.457 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

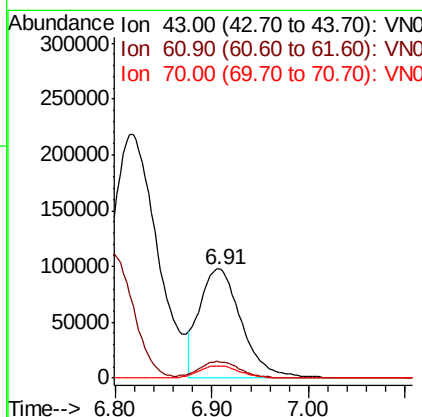
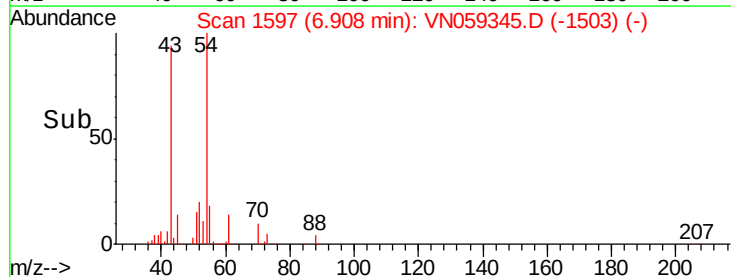
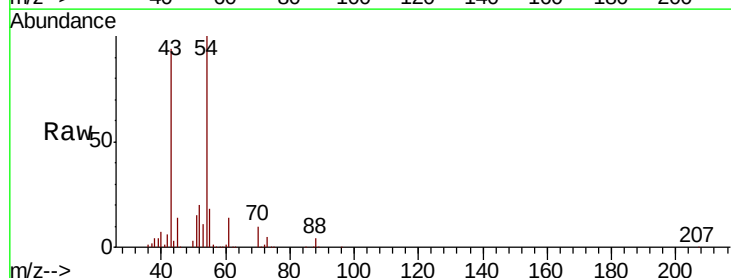
Instrument :
 MSVOA_N
 ClientSampleId :

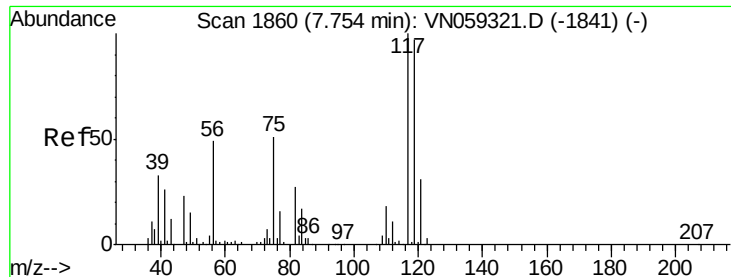
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.0	51.0
77	30.9	24.8	37.2



#37
 Ethyl Acetate
 Concen: 43.072 ug/l
 RT: 6.91 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.0	16.6
70	11.2	8.8	13.2





#38

Carbon Tetrachloride

Concen: 44.222 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.01 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampleId :

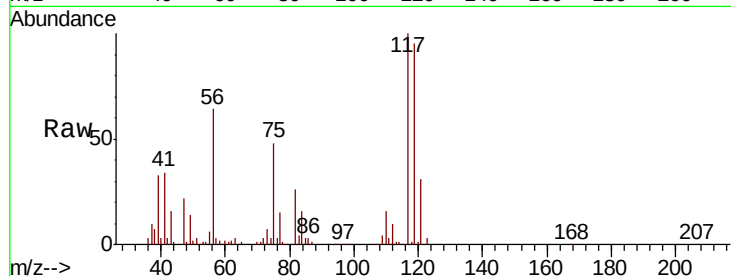
Tot Ion:117 Resp: 267039

Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.4

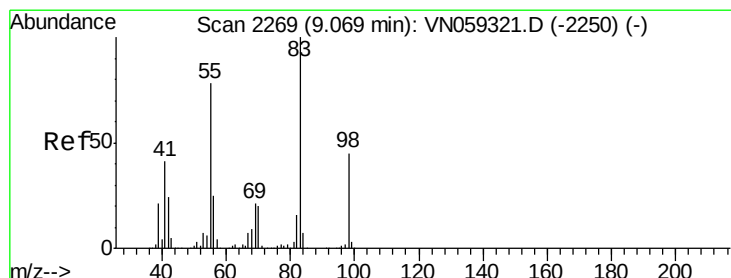
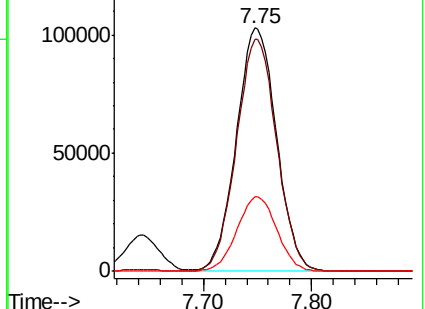
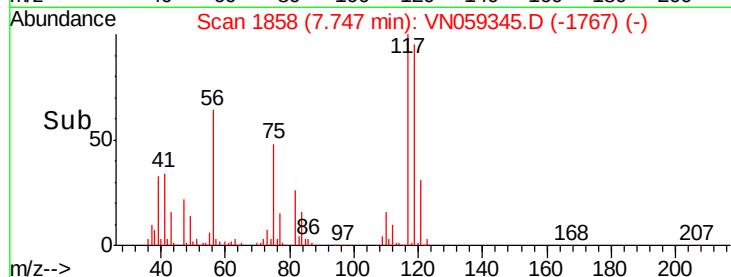
121 30.5 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 48.391 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

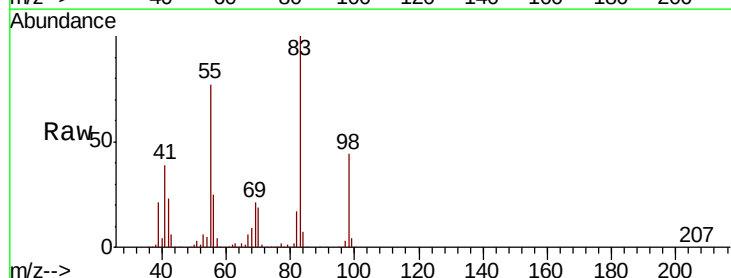
Tgt Ion: 83 Resp: 368081

Ion Ratio Lower Upper

83 100

55 76.5 62.3 93.5

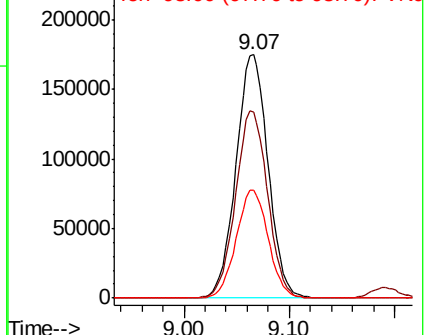
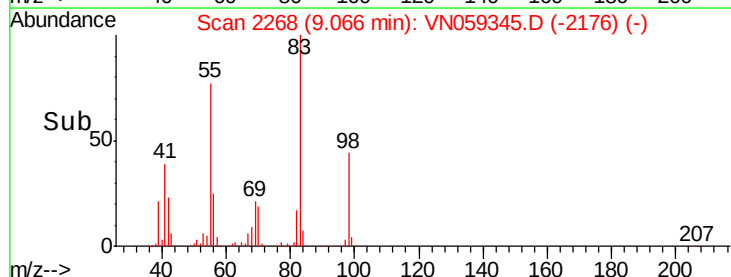
98 44.4 36.0 54.0

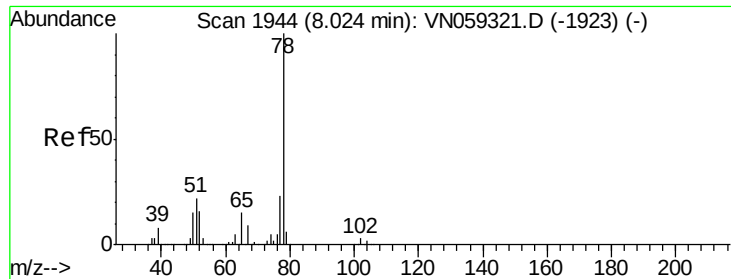


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

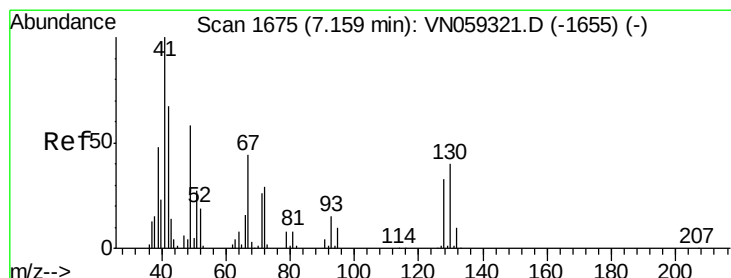
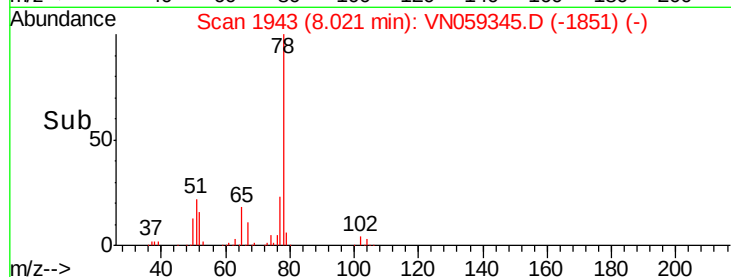
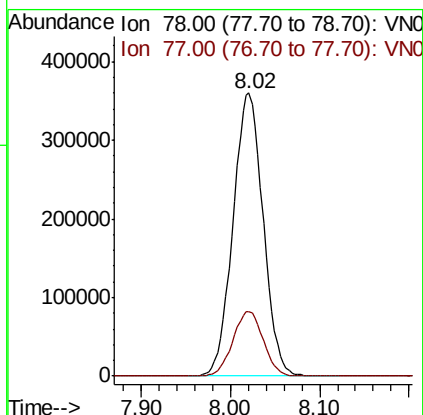
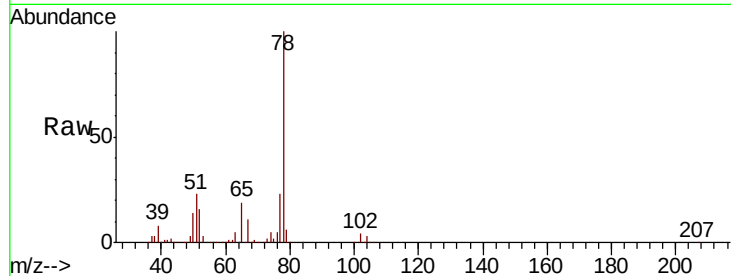




#40
Benzene
Concen: 45.472 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

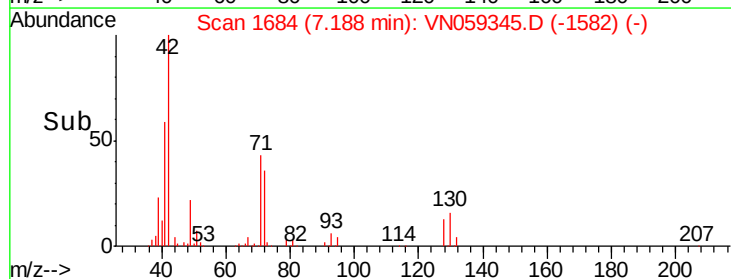
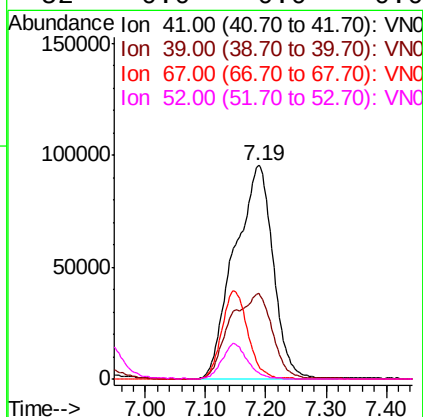
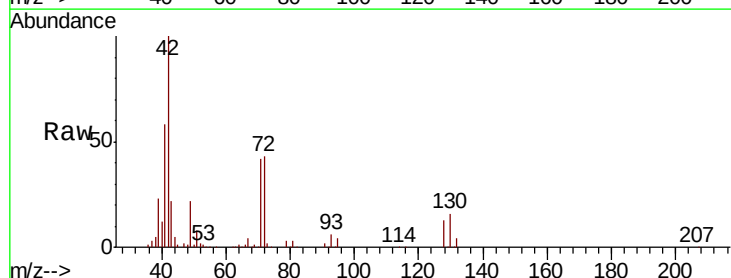
Instrument :
MSVOA_N
ClientSampleId :

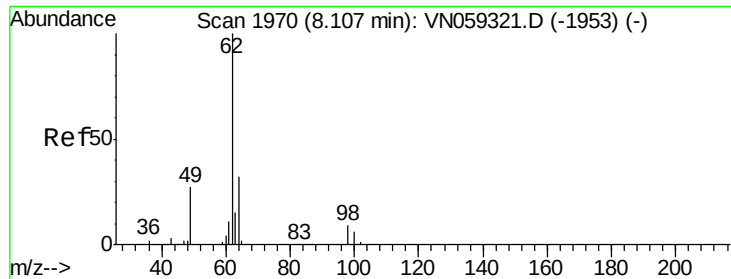
Tot Ion: 78 Resp: 841843
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6



#41
Methacrylonitrile
Concen: 142.123 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 41 Resp: 427712
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 44.496 ug/l

RT: 8.10 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

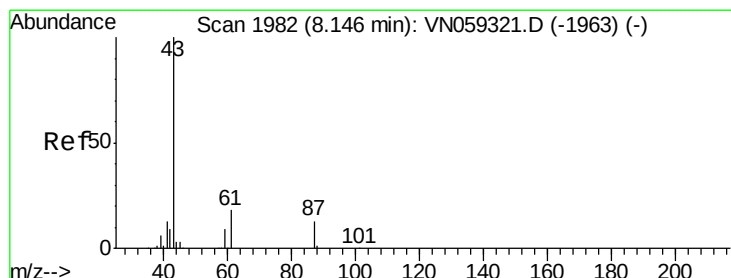
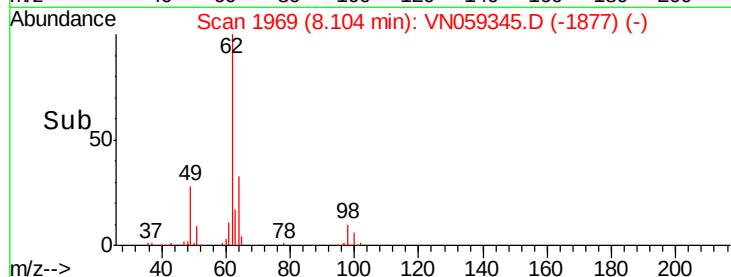
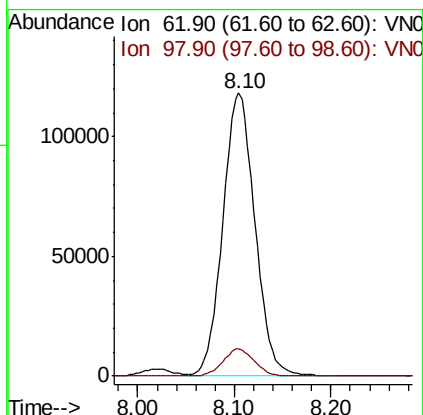
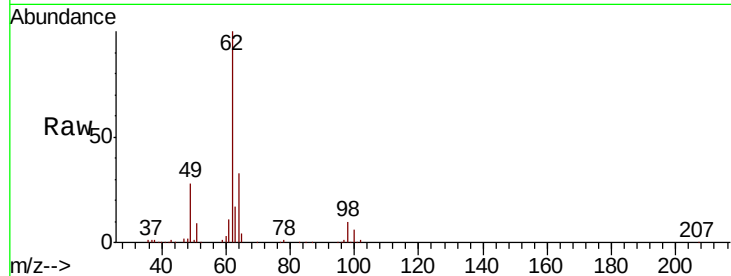
ClientSampled :

Tot Ion: 62 Resp: 272446

Ion Ratio Lower Upper

62 100

98 9.3 0.0 18.6



#43

Isopropyl Acetate

Concen: 45.060 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

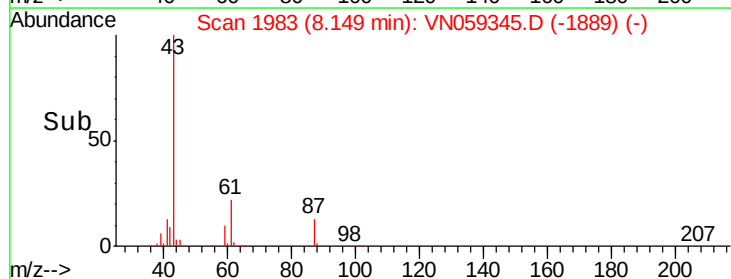
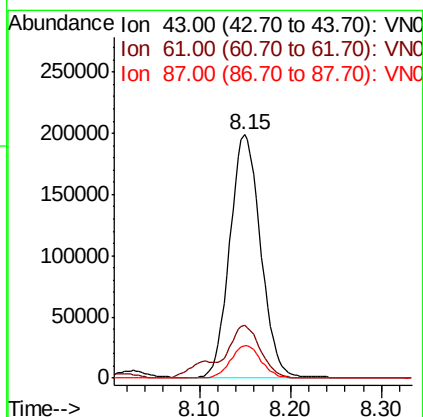
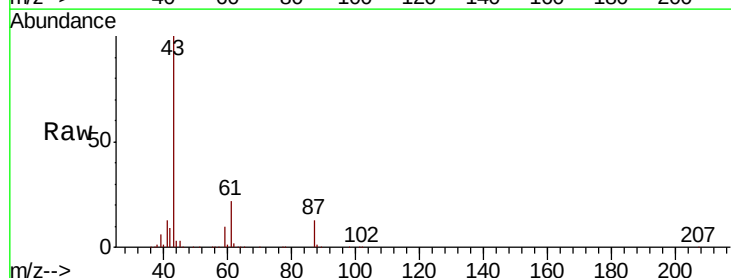
Tgt Ion: 43 Resp: 466846

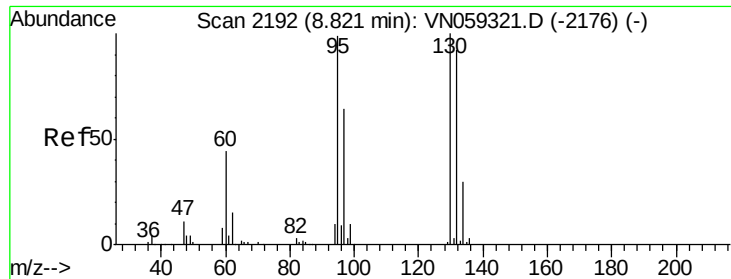
Ion Ratio Lower Upper

43 100

61 21.4 21.7 32.5#

87 13.2 10.2 15.4





#44

Trichloroethene

Concen: 45.099 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

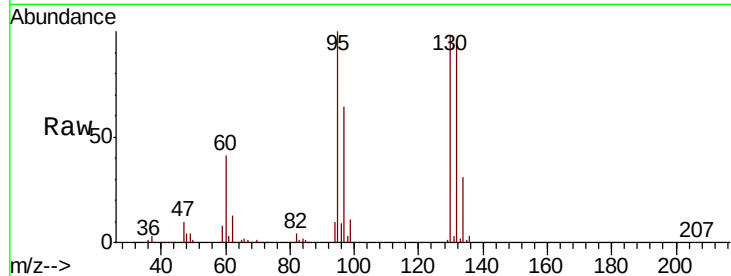
ClientSampleId :

Tot Ion:130 Resp: 211607

Ion Ratio Lower Upper

130 100

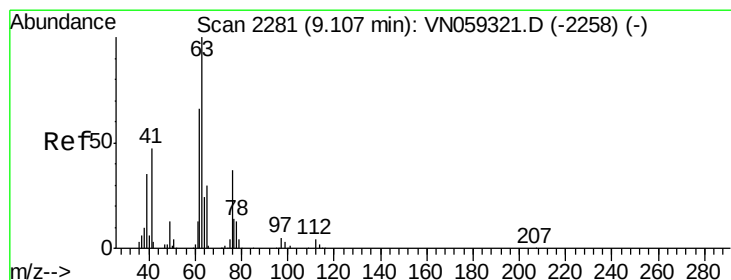
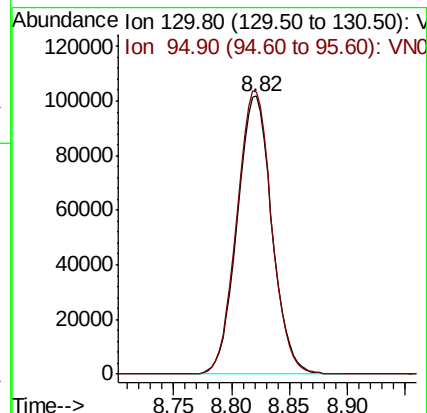
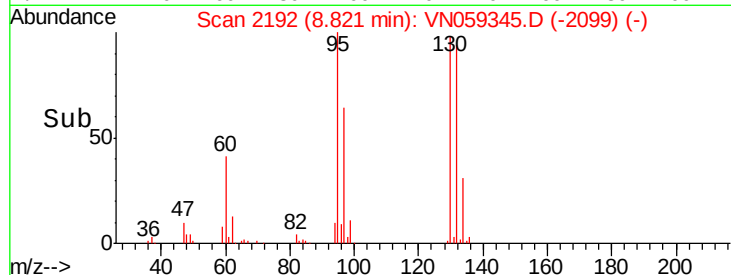
95 101.7 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): VN059321.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN059321.D (-2176) (-)

8.82



#45

1,2-Dichloropropane

Concen: 45.219 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059345.D

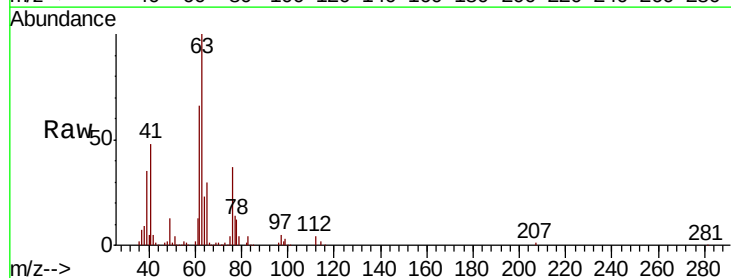
Acq: 21 Nov 2019 18:46

Tgt Ion: 63 Resp: 223233

Ion Ratio Lower Upper

63 100

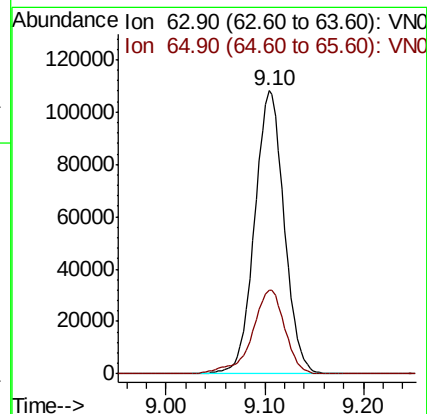
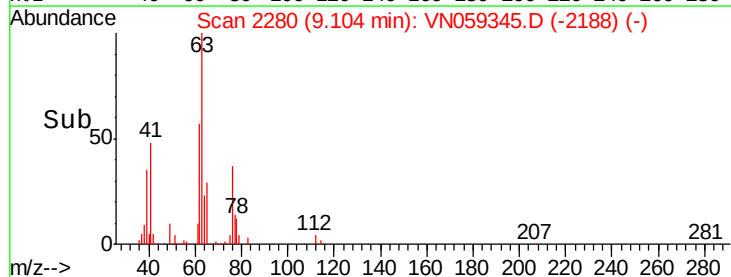
65 29.8 23.9 35.9

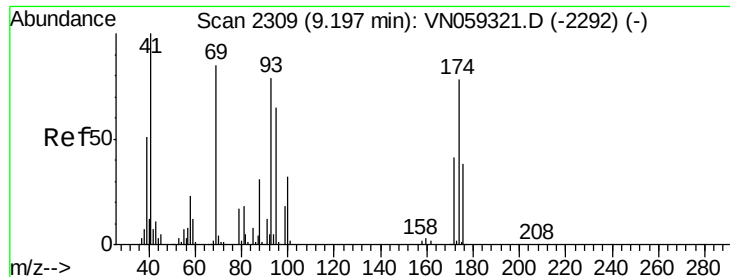


Abundance Ion 62.90 (62.60 to 63.60): VN059321.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN059321.D (-2258) (-)

9.10

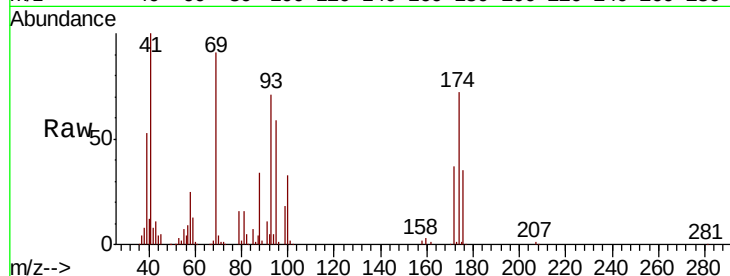




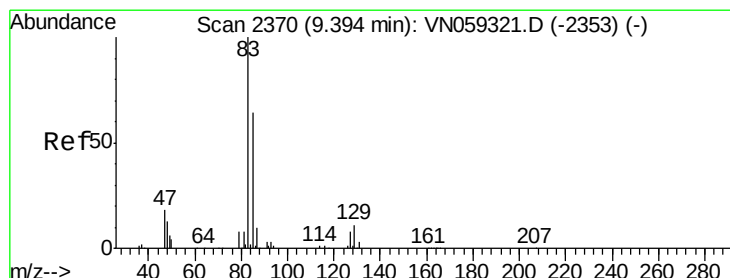
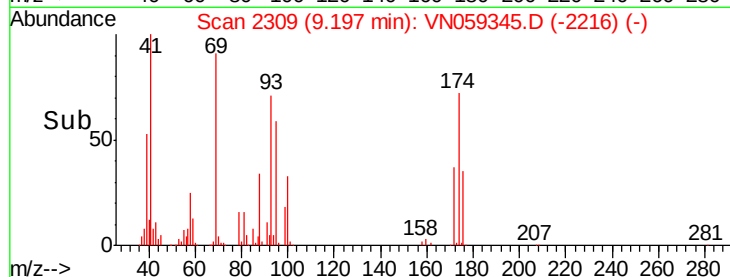
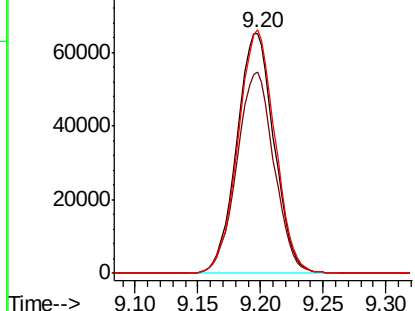
#46
Dibromomethane
Concen: 44.512 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 93 Resp: 134788
Ion Ratio Lower Upper
93 100
95 83.9 66.9 100.3
174 100.5 80.6 120.8

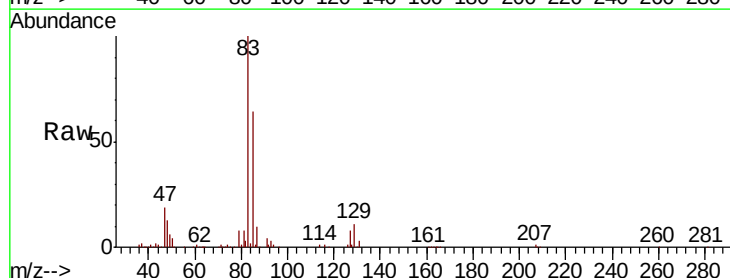


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

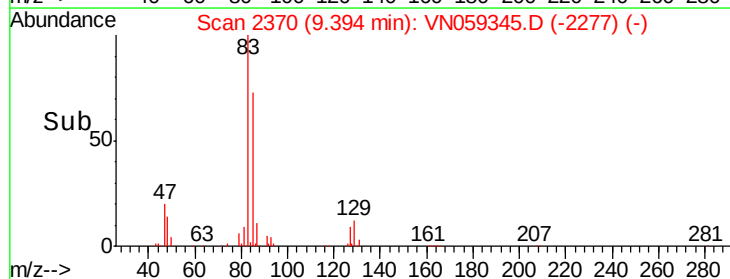
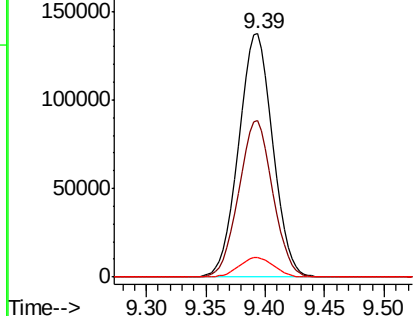


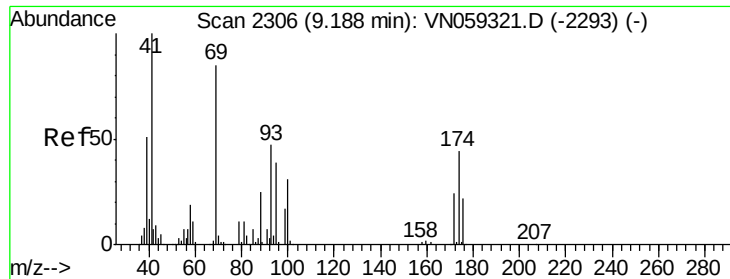
#47
Bromodichloromethane
Concen: 45.051 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 83 Resp: 273208
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3
127 8.3 6.6 10.0



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

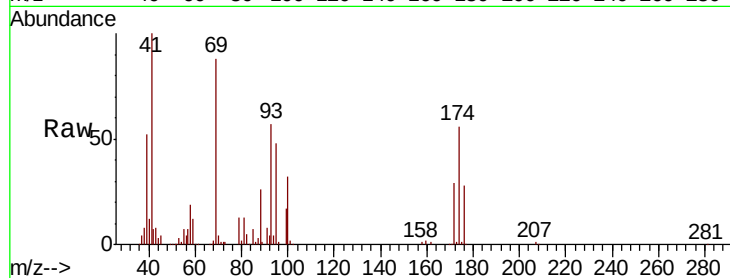




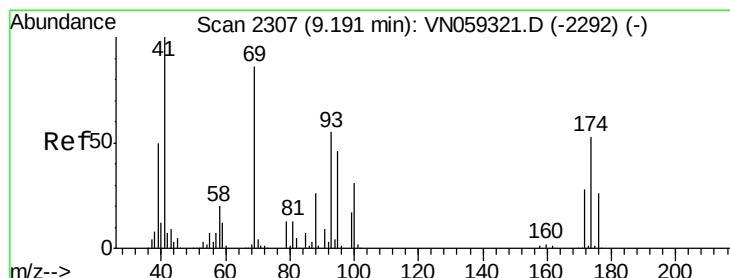
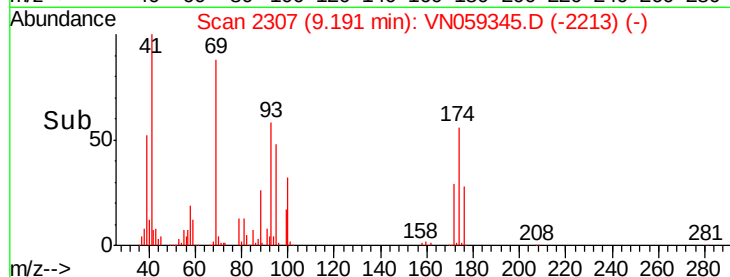
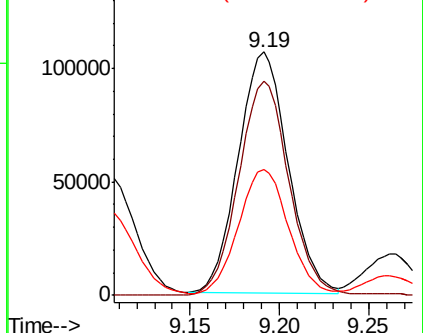
#48
Methyl methacrylate
Concen: 43.906 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 206859
Ion Ratio Lower Upper
41 100
69 90.5 68.8 103.2
39 52.7 42.1 63.1

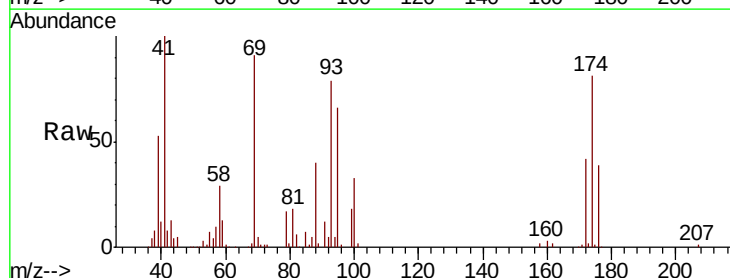


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

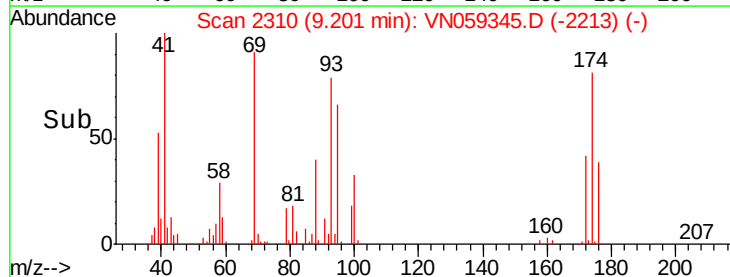
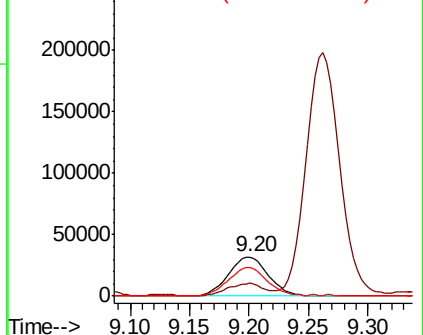


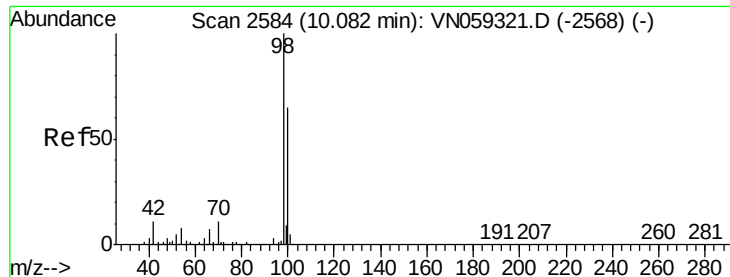
#49
1,4-Dioxane
Concen: 1042.103 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.01 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 88 Resp: 73790
Ion Ratio Lower Upper
88 100
43 28.5 26.9 40.3
58 72.1 59.2 88.8



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: 56.251 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

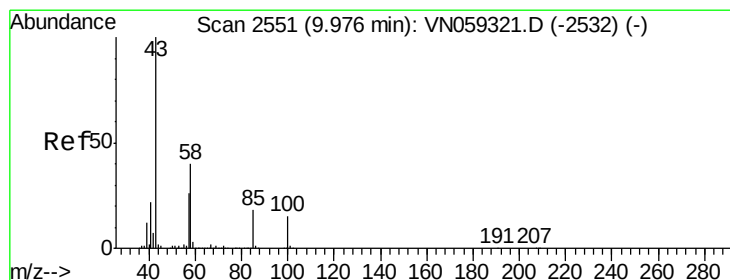
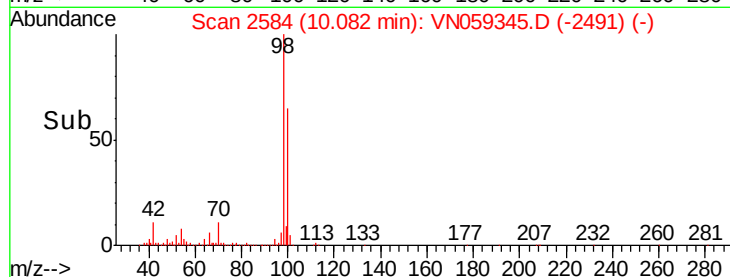
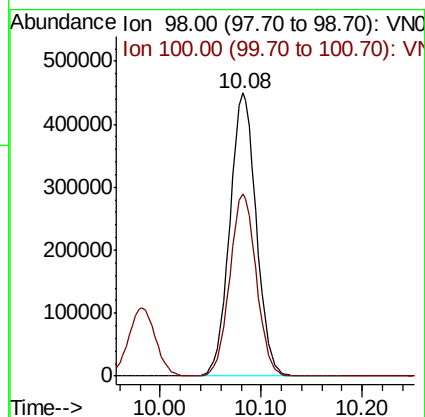
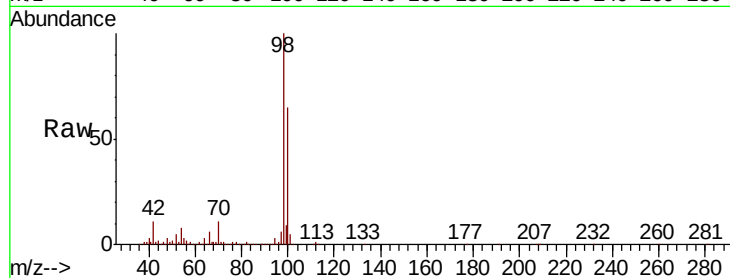
ClientSampled :

Tot Ion: 98 Resp: 819748

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 226.761 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VN059345.D

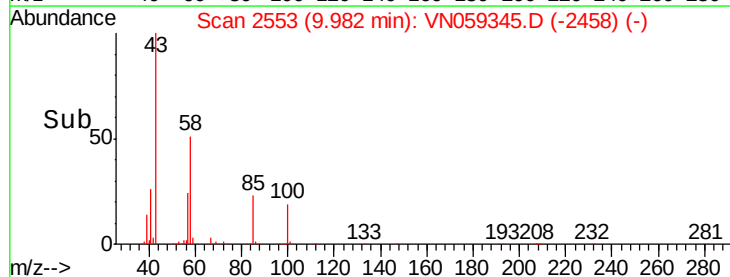
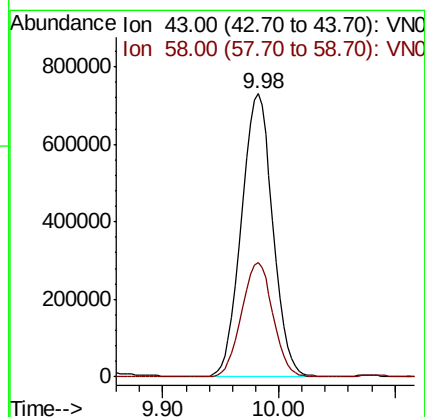
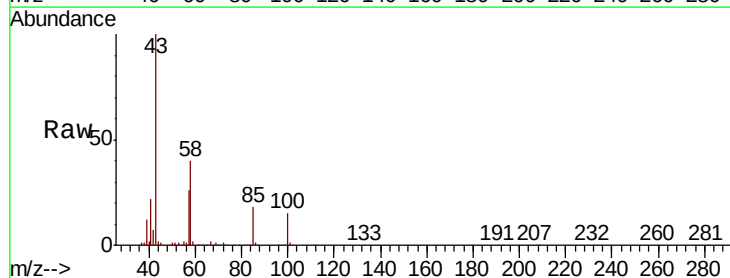
Acq: 21 Nov 2019 18:46

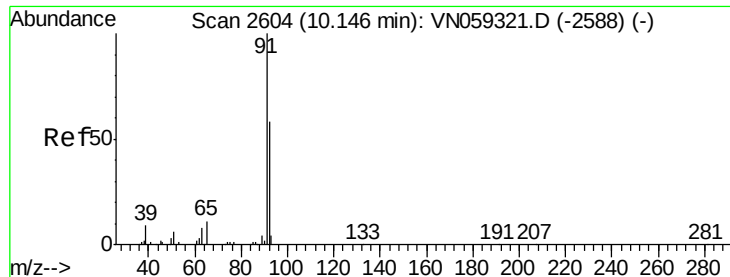
Tgt Ion: 43 Resp: 1375137

Ion Ratio Lower Upper

43 100

58 40.5 31.8 47.8





#52

Toluene

Concen: 45.700 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

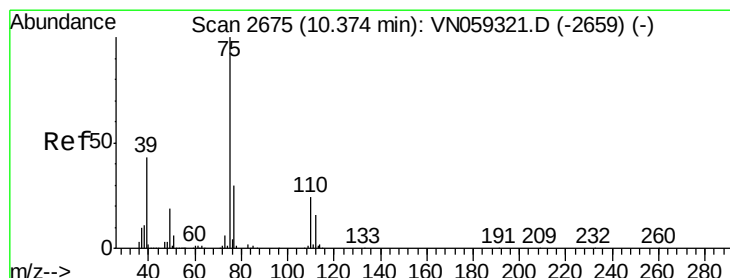
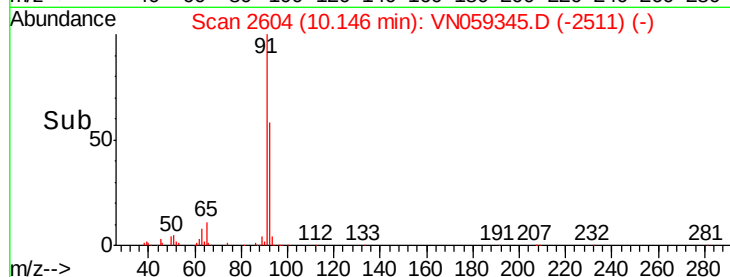
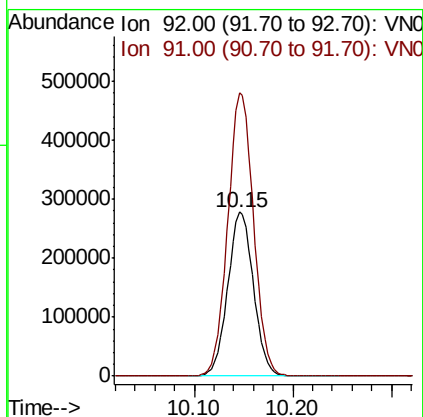
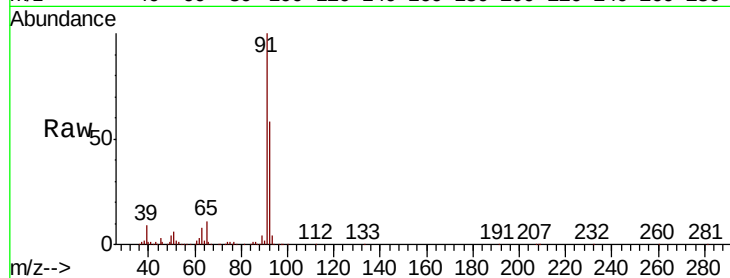
ClientSampleId :

Tot Ion: 92 Resp: 508727

Ion Ratio Lower Upper

92 100

91 172.7 137.9 206.9



#53

t-1,3-Dichloropropene

Concen: 45.908 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059345.D

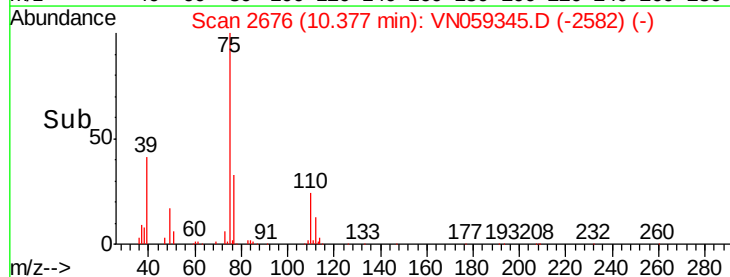
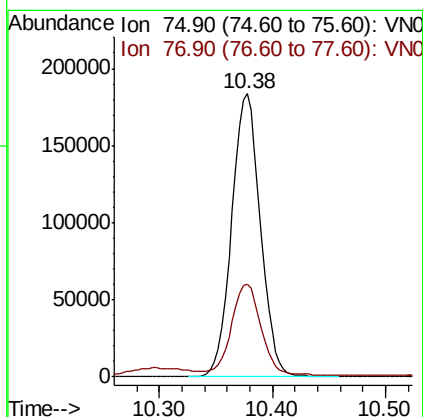
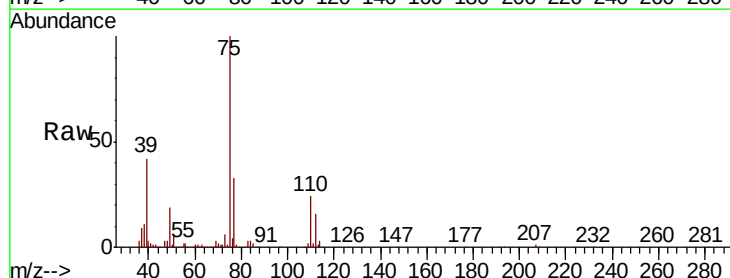
Acq: 21 Nov 2019 18:46

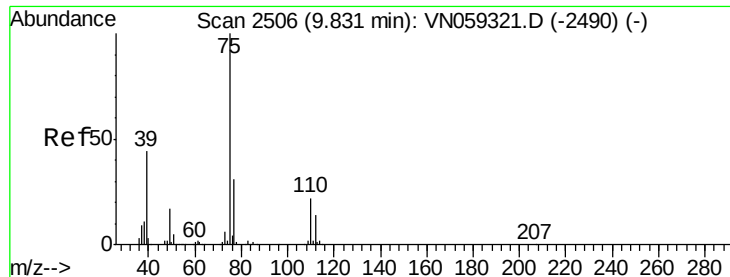
Tgt Ion: 75 Resp: 323637

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



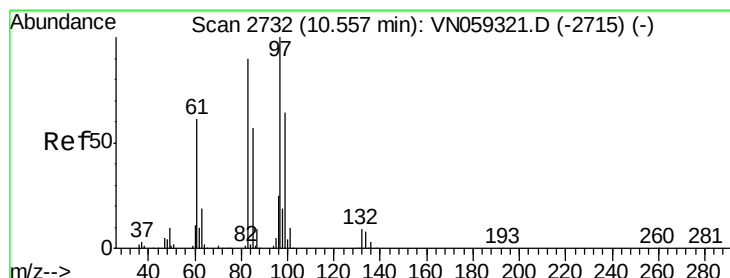
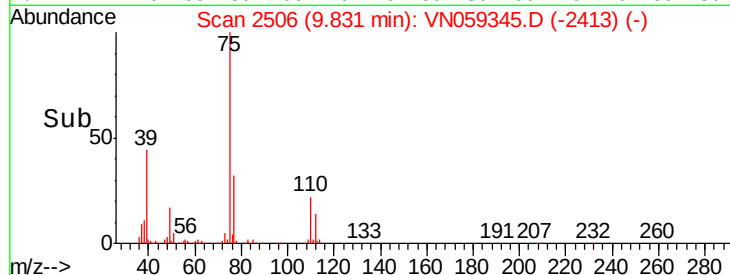
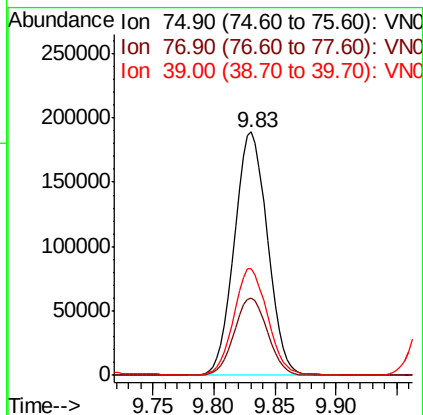
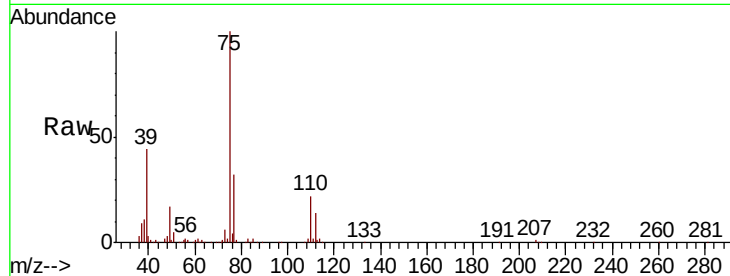


#54

cis-1,3-Dichloropropene
 Concen: 46.498 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Instrument :
 MSVOA_N
 ClientSampleId :

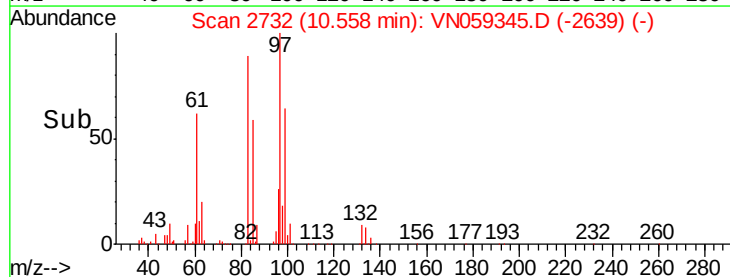
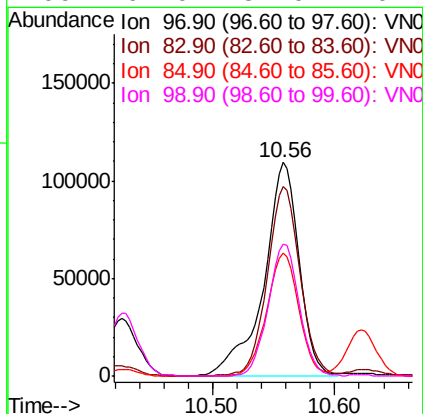
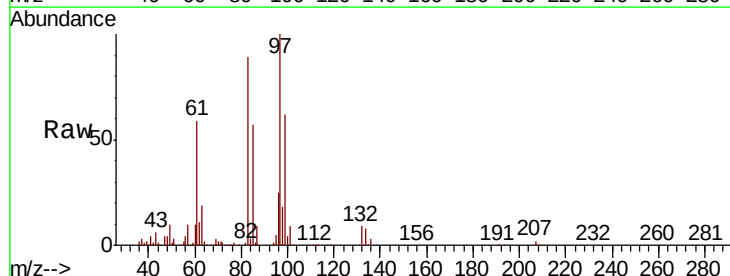
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4
39	43.9	35.5	53.3

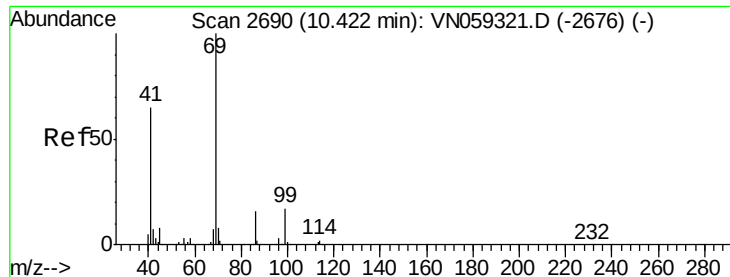


#55

1,1,2-Trichloroethane
 Concen: 51.366 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	72.0	108.0
85	57.3	45.8	68.6
99	62.0	51.0	76.4





#56

Ethyl methacrylate

Concen: 46.375 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampled :

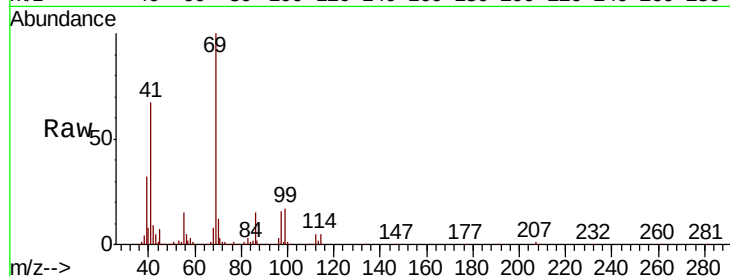
Tot Ion: 69 Resp: 337781

Ion Ratio Lower Upper

69 100

41 67.0 51.7 77.5

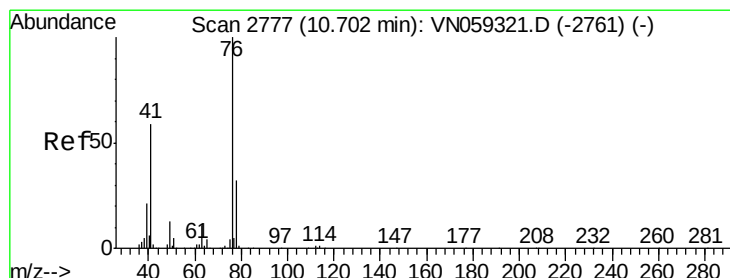
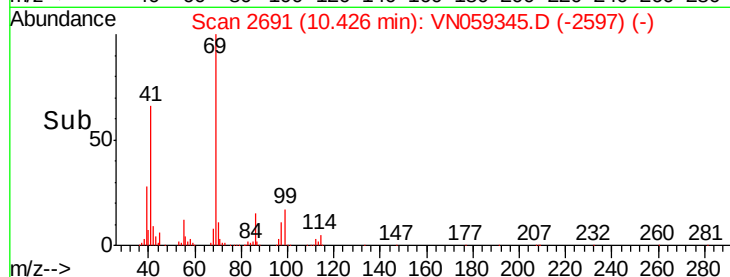
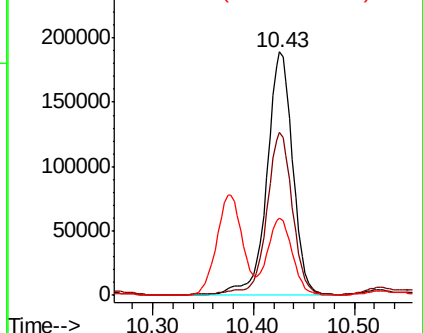
39 29.7 25.2 37.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 45.087 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059345.D

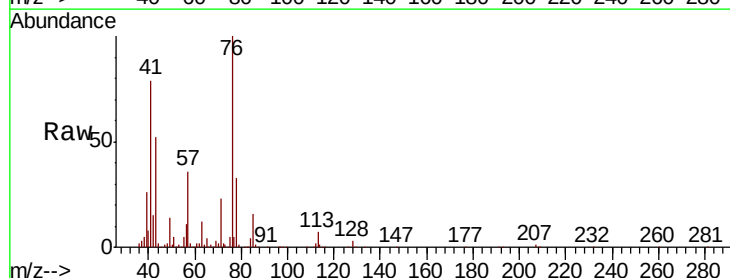
Acq: 21 Nov 2019 18:46

Tgt Ion: 76 Resp: 340120

Ion Ratio Lower Upper

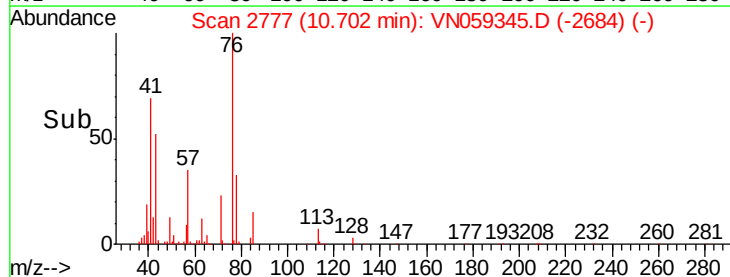
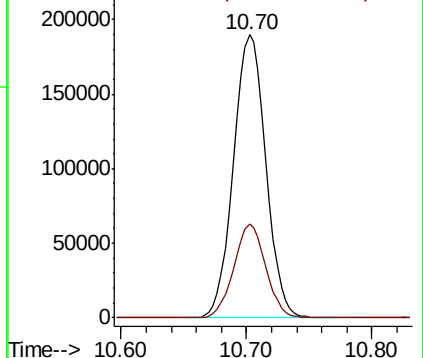
76 100

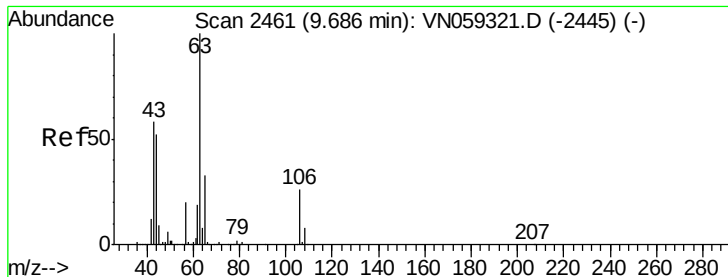
78 32.6 26.0 39.0



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: 242.687 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

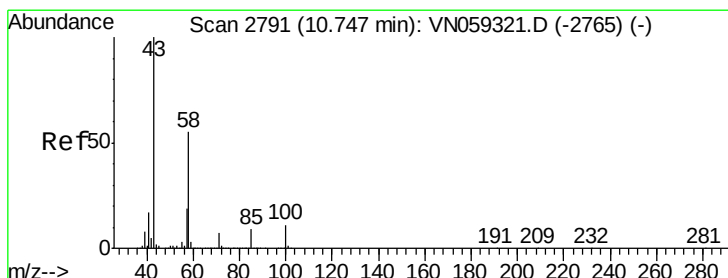
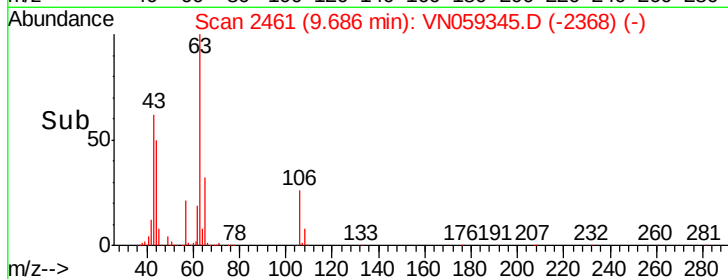
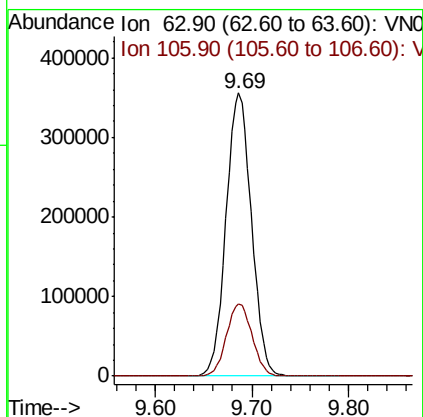
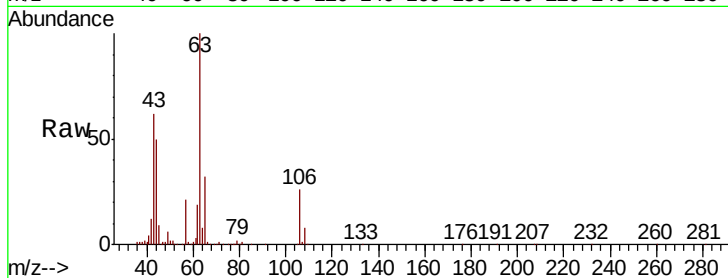
ClientSampleId :

Tot Ion: 63 Resp: 649187

Ion Ratio Lower Upper

63 100

106 25.8 20.5 30.7



#59

2-Hexanone

Concen: 235.398 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN059345.D

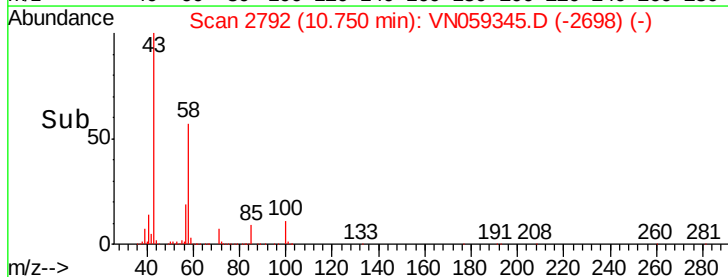
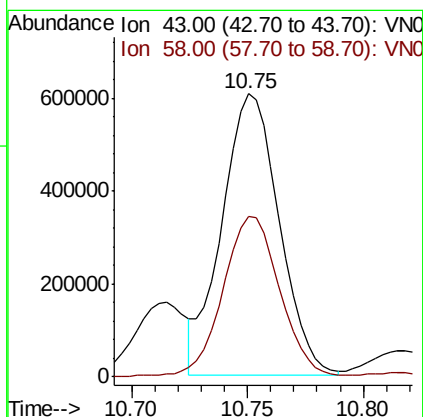
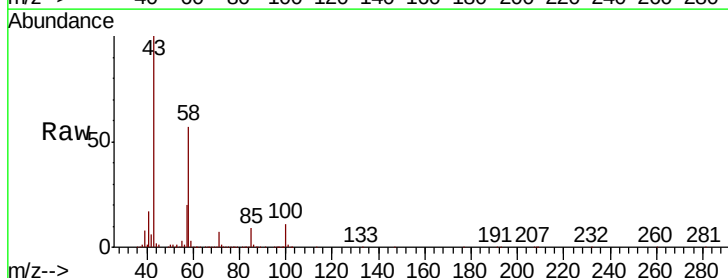
Acq: 21 Nov 2019 18:46

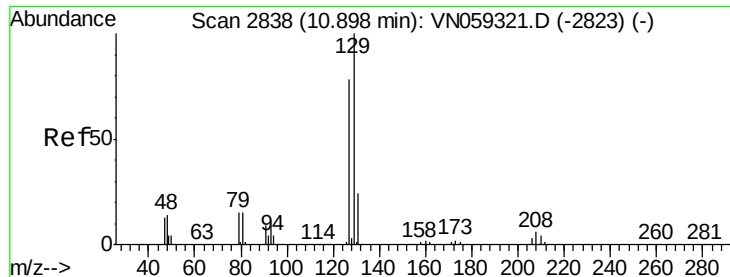
Tgt Ion: 43 Resp: 1045288

Ion Ratio Lower Upper

43 100

58 56.7 27.7 83.0

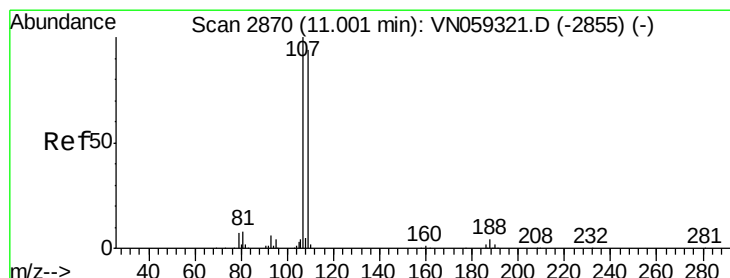
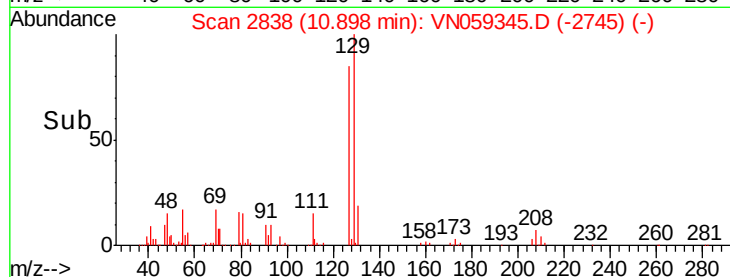
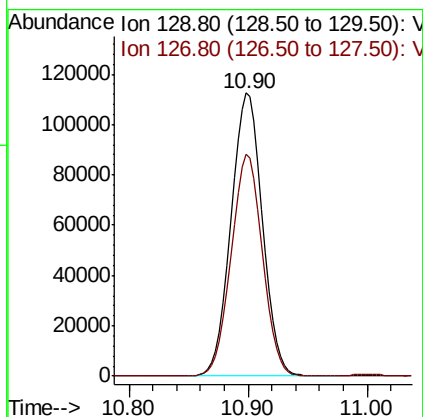
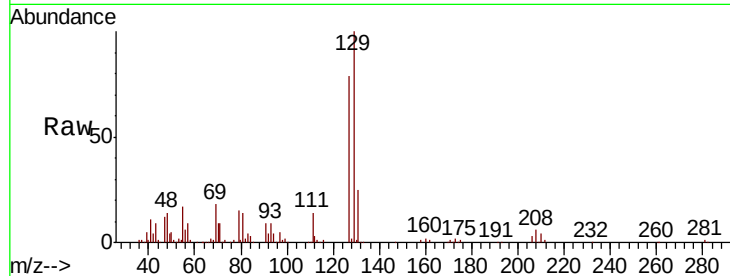




#60
 Dibromochloromethane
 Concen: 44.999 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

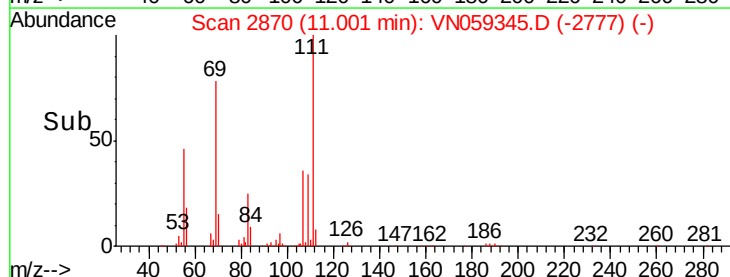
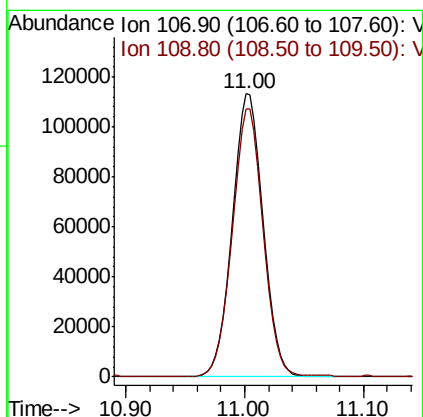
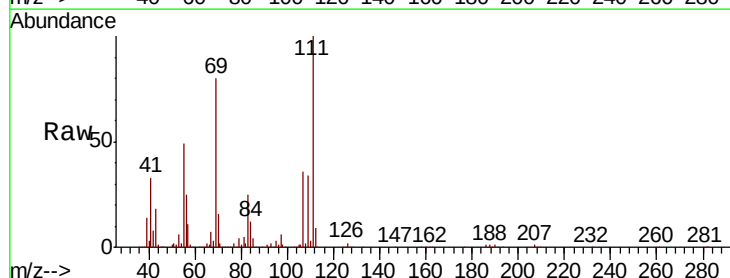
Instrument :
 MSVOA_N
 ClientSampleId :

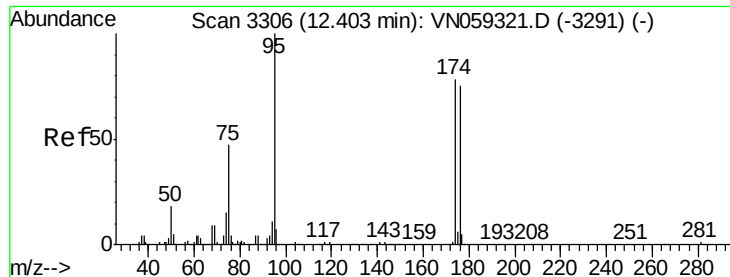
Tot Ion:129 Resp: 205236
 Ion Ratio Lower Upper
 129 100
 127 78.2 38.5 115.5



#61
 1,2-Dibromoethane
 Concen: 44.988 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion:107 Resp: 202602
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.2

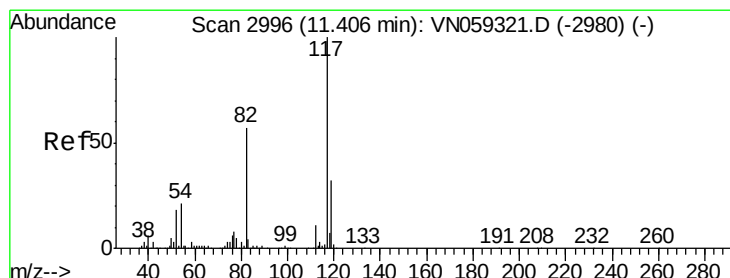
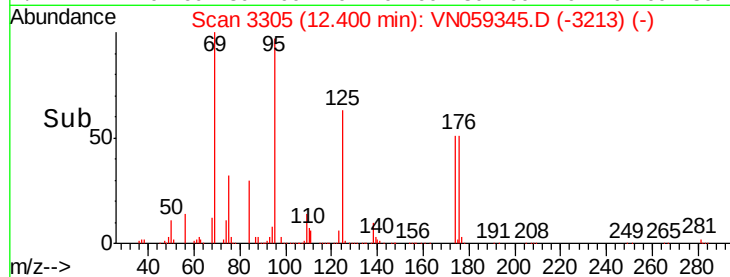
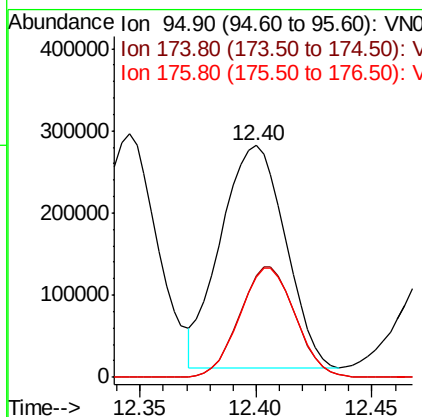
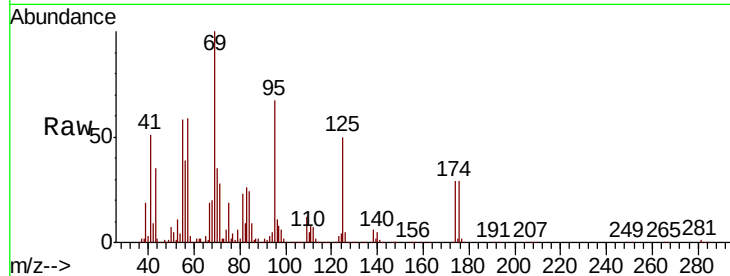




#62
4-Bromofluorobenzene
Concen: 102.749 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

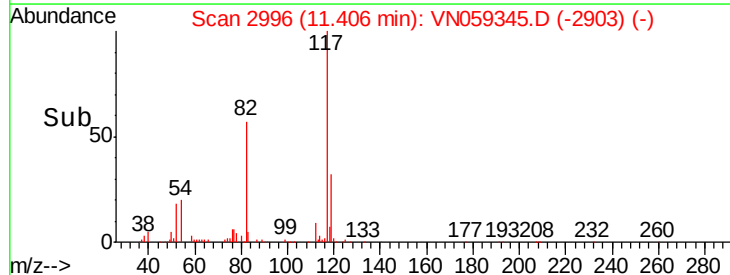
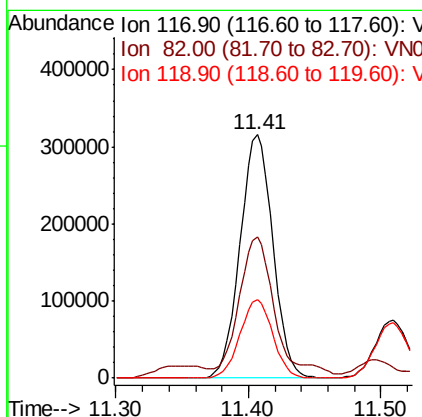
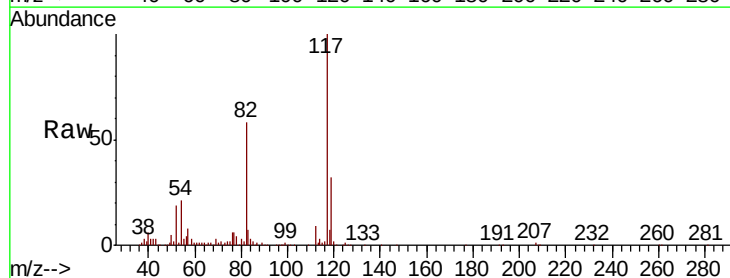
Instrument :
MSVOA_N
ClientSampled :

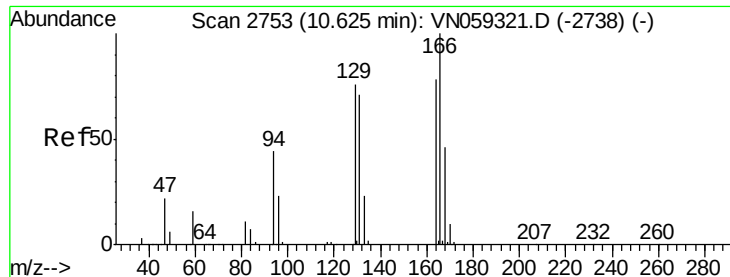
Tot Ion: 95 Resp: 523562
Ion Ratio Lower Upper
95 100
174 43.2 0.0 157.4
176 42.7 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 117 Resp: 542728
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 32.3 25.8 38.6





#64

Tetrachloroethene

Concen: 42.846 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 179846

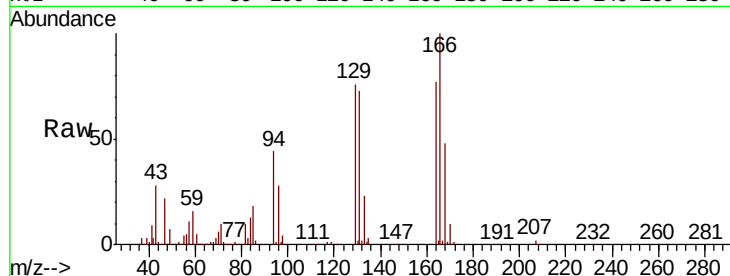
Ion Ratio Lower Upper

164 100

166 130.1 102.9 154.3

129 98.7 78.2 117.2

131 94.4 72.6 109.0

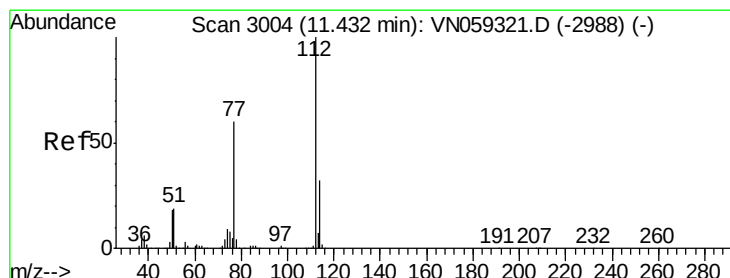
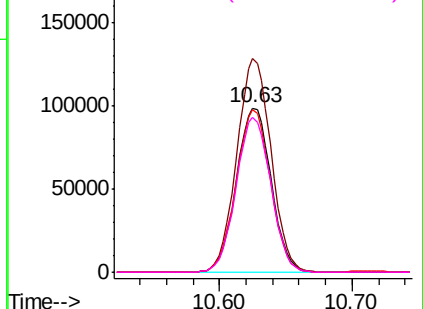
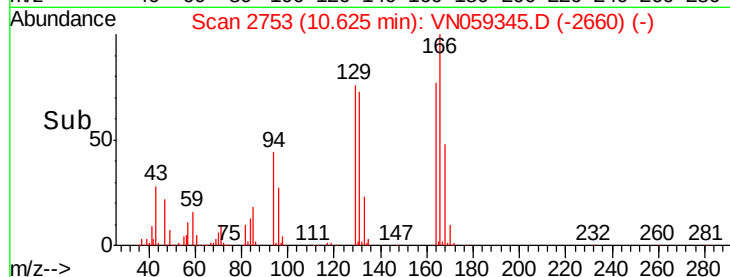


Abundance Ion 163.80 (163.50 to 164.50): V

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: 45.223 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059345.D

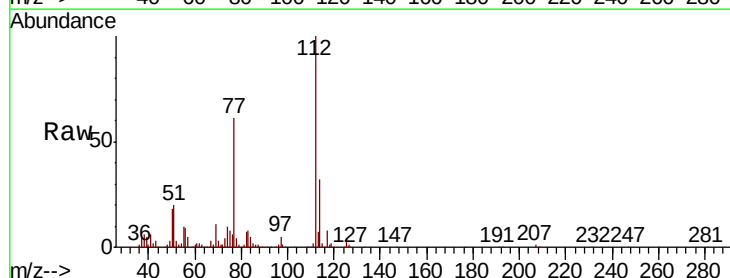
Acq: 21 Nov 2019 18:46

Tgt Ion:112 Resp: 527742

Ion Ratio Lower Upper

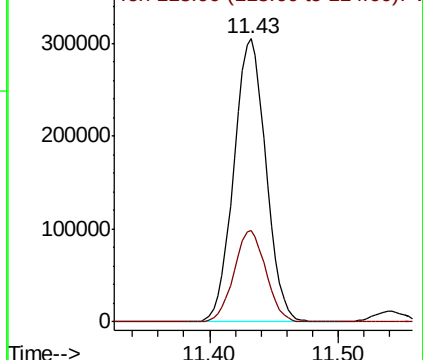
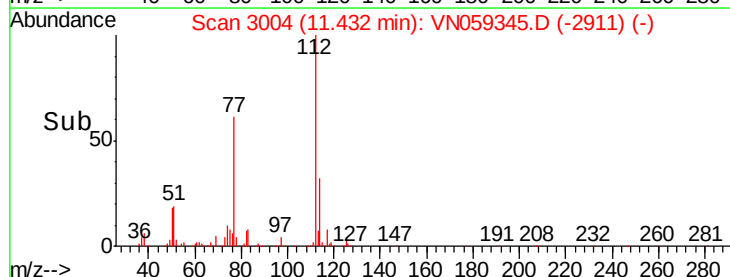
112 100

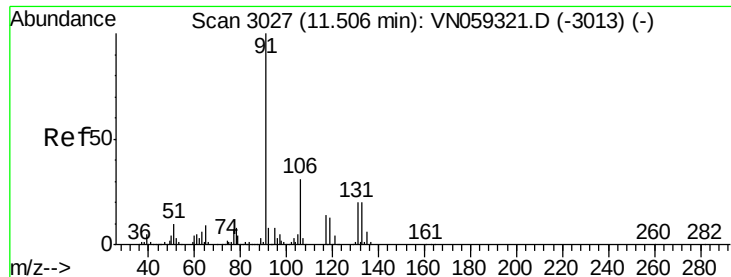
114 32.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 44.450 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampled :

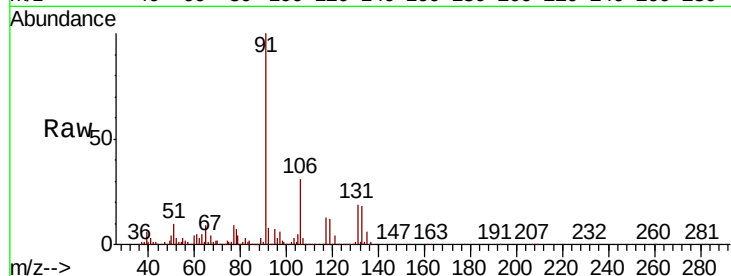
Tot Ion:131 Resp: 188443

Ion Ratio Lower Upper

131 100

133 96.9 48.2 144.6

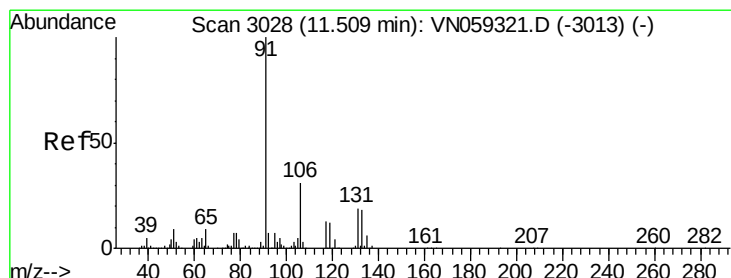
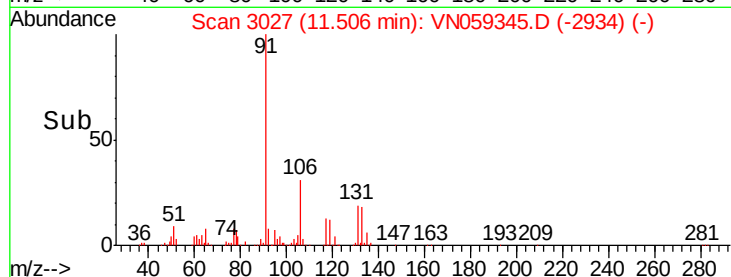
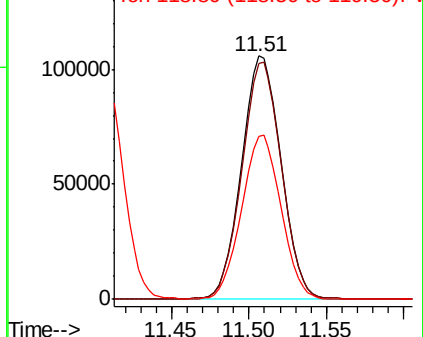
119 67.0 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.135 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059345.D

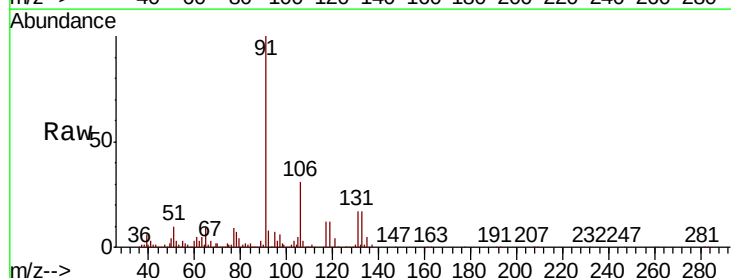
Acq: 21 Nov 2019 18:46

Tgt Ion: 91 Resp: 1023801

Ion Ratio Lower Upper

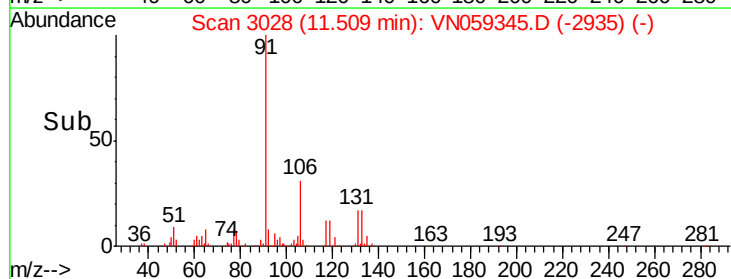
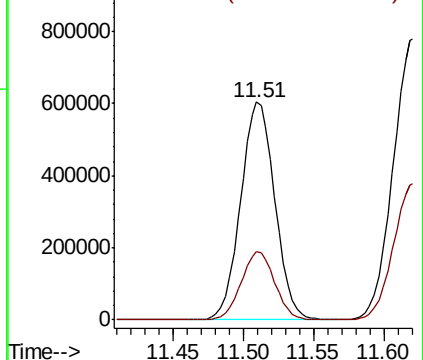
91 100

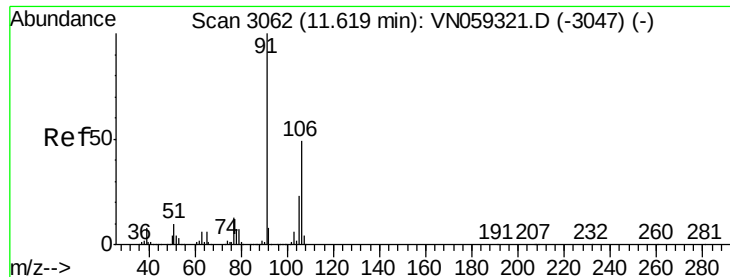
106 31.1 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

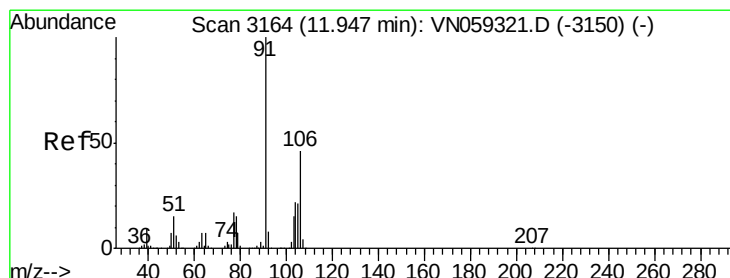
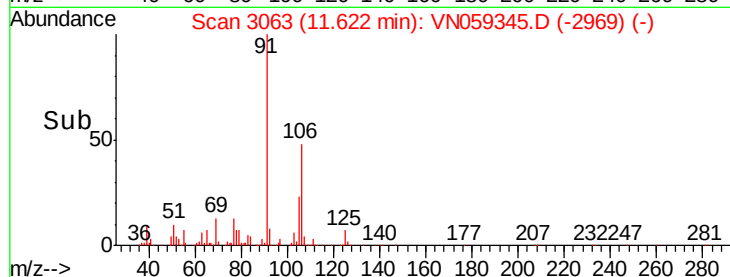
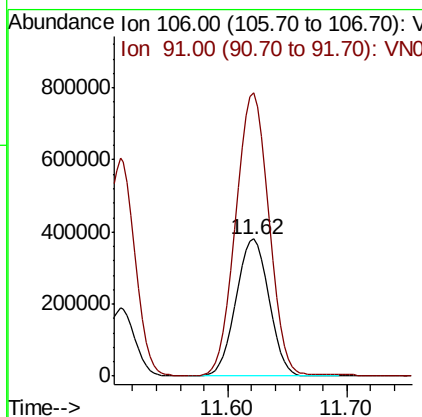
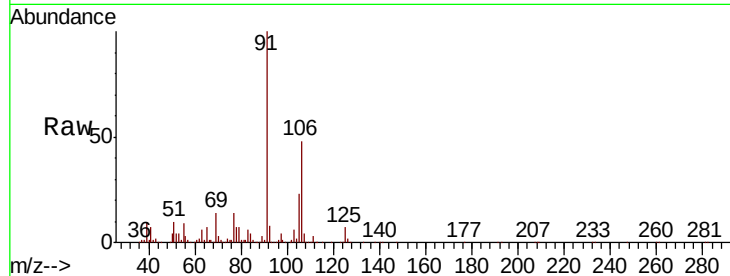




#68
m/p-Xylenes
Concen: 94.443 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

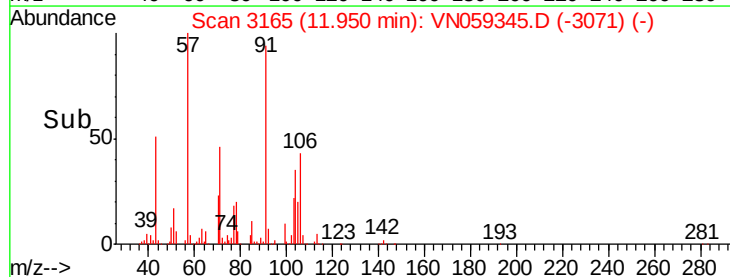
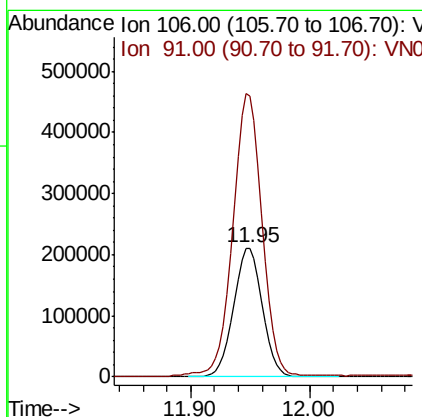
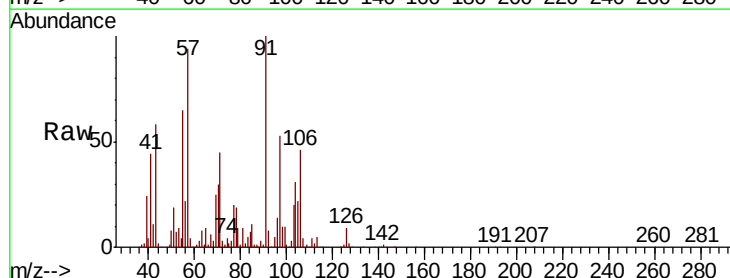
Instrument :
MSVOA_N
ClientSampled :

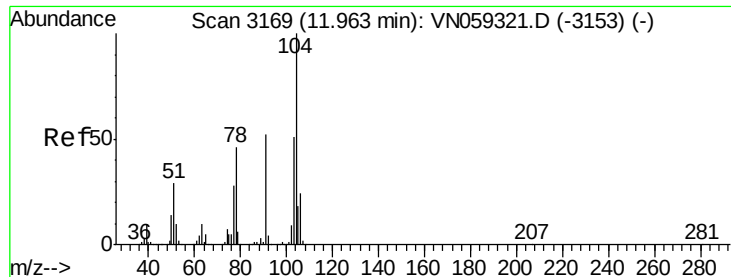
Tot Ion:106 Resp: 731220
Ion Ratio Lower Upper
106 100
91 207.3 163.2 244.8



#69
o-Xylene
Concen: 47.343 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion:106 Resp: 350920
Ion Ratio Lower Upper
106 100
91 224.4 109.3 327.9

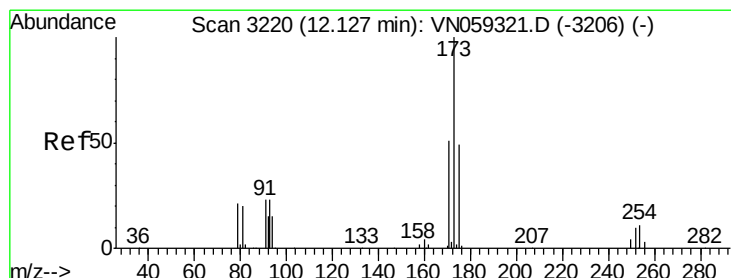
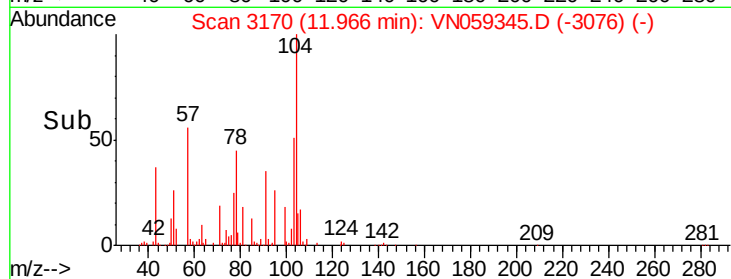
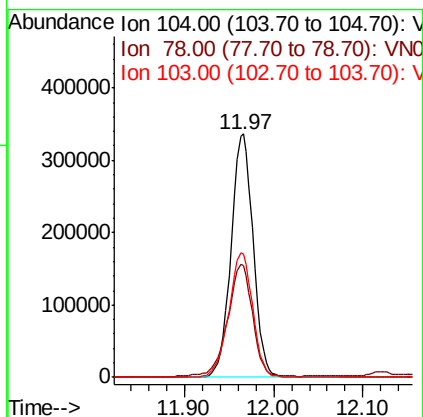
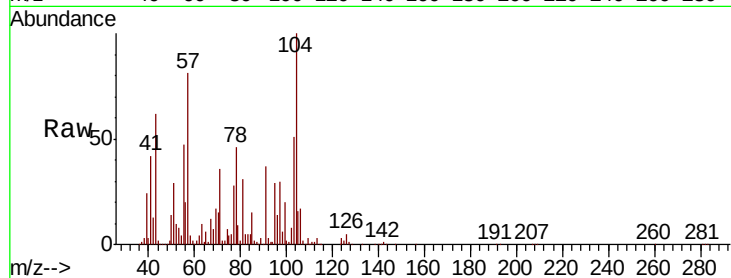




#70
Stvrene
Concen: 49.201 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

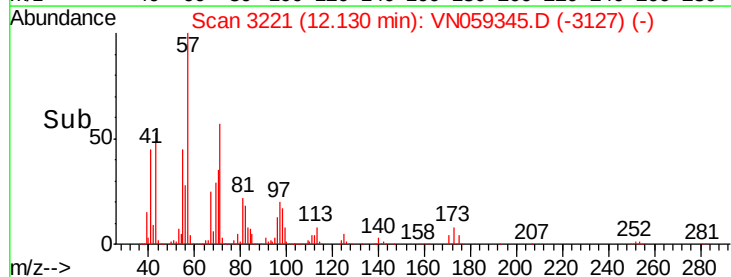
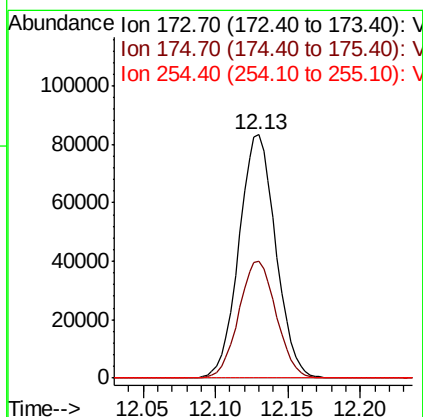
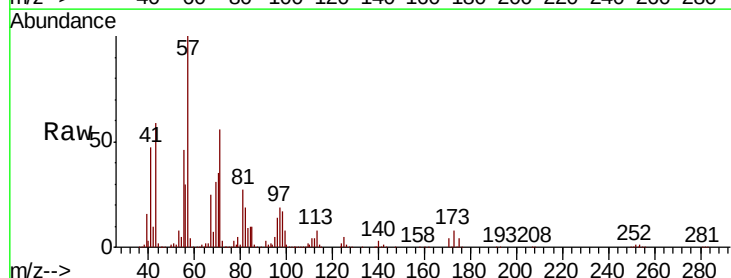
Instrument :
MSVOA_N
ClientSampled :

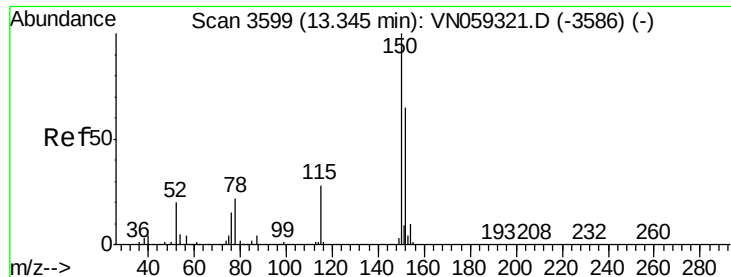
Tot Ion:104 Resp: 575443
Ion Ratio Lower Upper
104 100
78 53.1 40.3 60.5
103 55.7 43.6 65.4



#71
Bromoform
Concen: 45.743 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion:173 Resp: 146867
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.1 0.1 0.1#



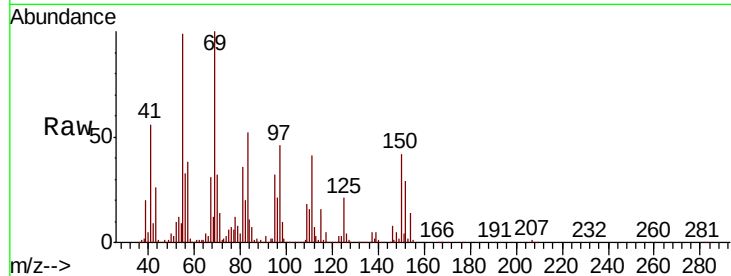


#72

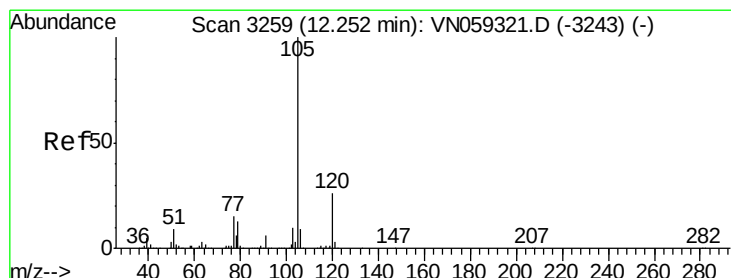
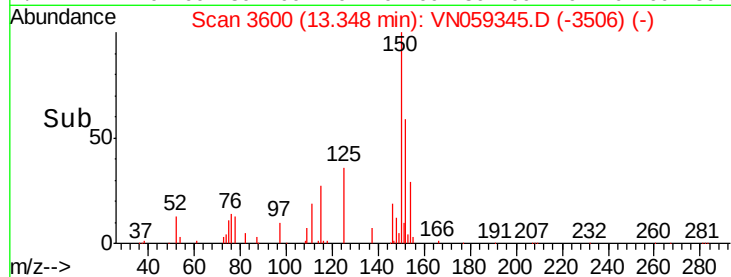
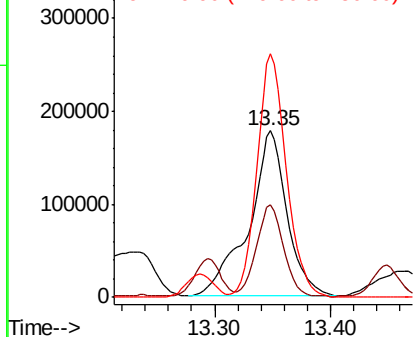
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	39.1	29.3	88.0
150	113.3	0.0	346.0



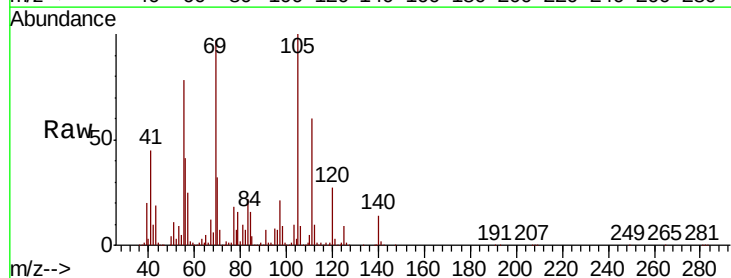
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



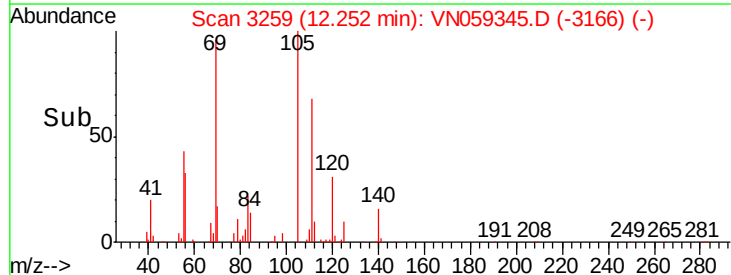
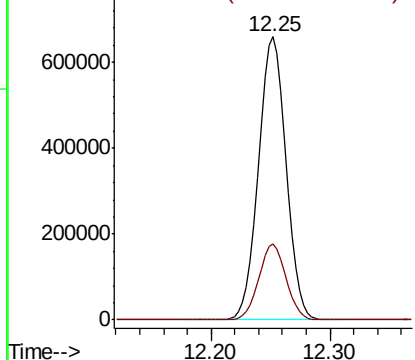
#73

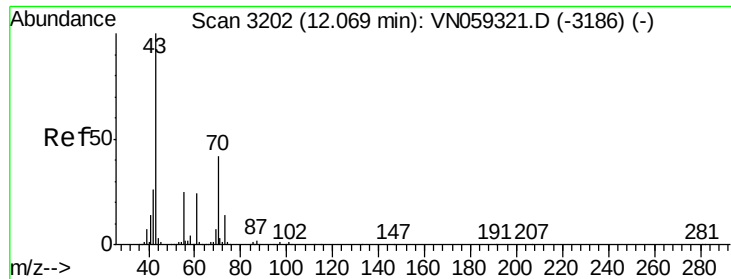
Isopropylbenzene
Concen: 31.799 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3



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





#74

N-amvl acetate

Concen: 219.900 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

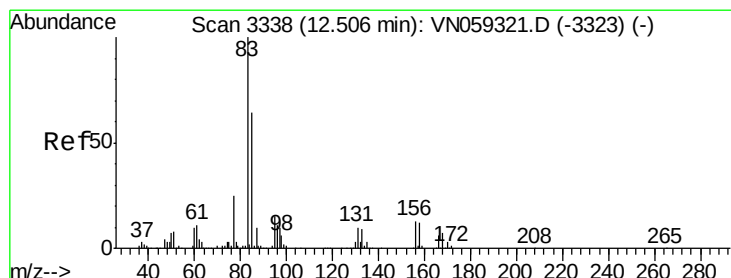
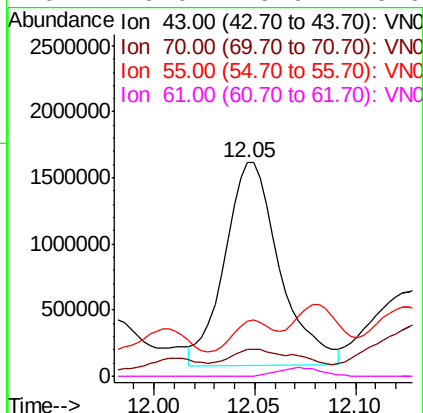
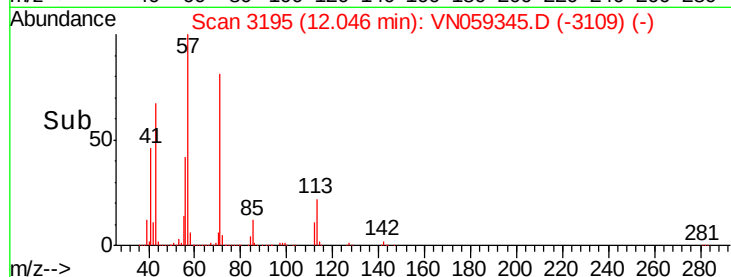
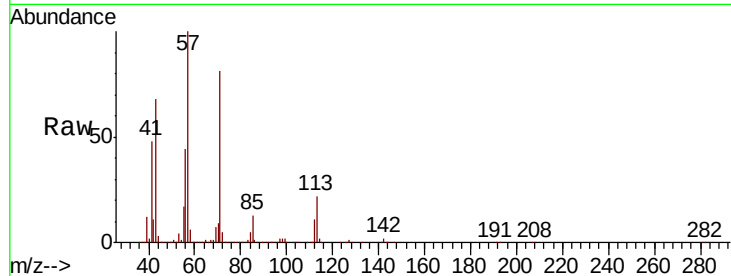
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2939317

Ion	Ratio	Lower	Upper
43	100		
70	7.8	33.8	50.6#
55	18.8	20.3	30.5#
61	0.0	19.9	29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 62.277 ug/l

RT: 12.51 min Scan# 3339

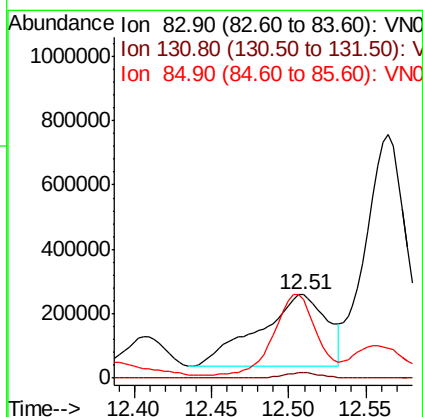
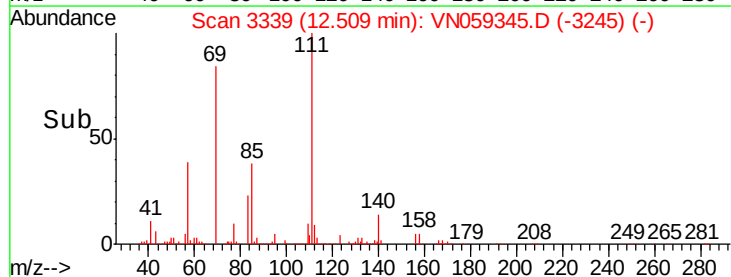
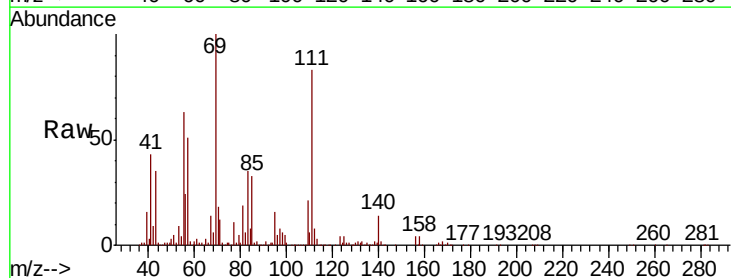
Delta R.T. 0.00 min

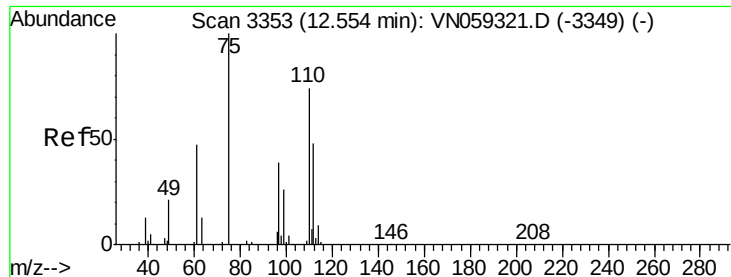
Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Tgt Ion: 83 Resp: 685187

Ion	Ratio	Lower	Upper
83	100		
131	4.4	5.0	14.9#
85	69.8	32.1	96.3





#76

1,2,3-Trichloropropane

Concen: 42.787 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

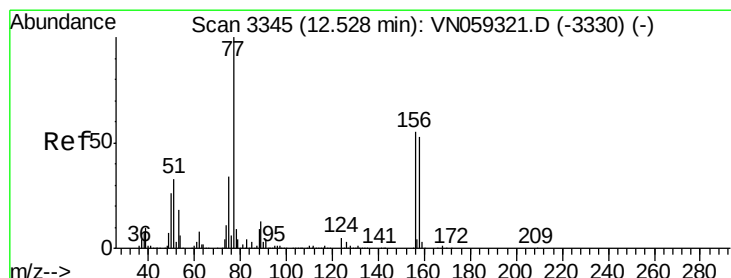
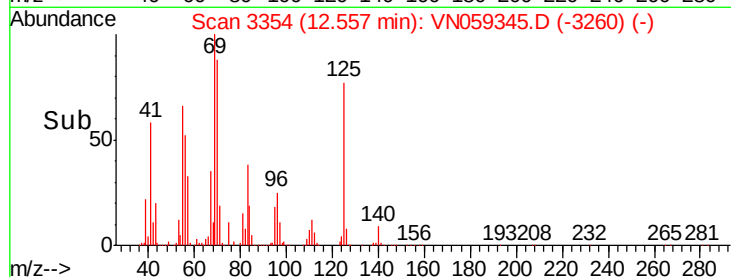
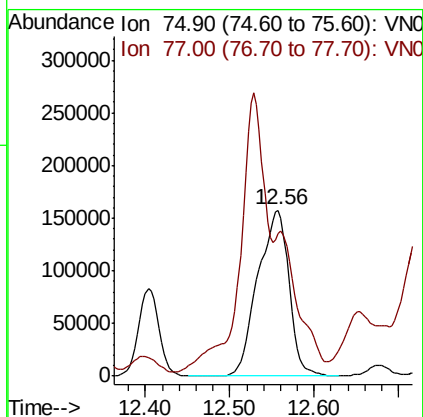
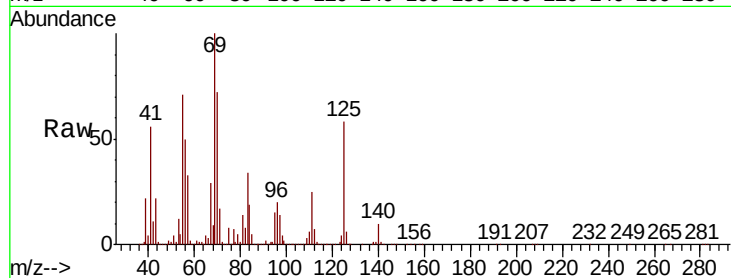
ClientSampled :

Tot Ion: 75 Resp: 401331

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 28.207 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

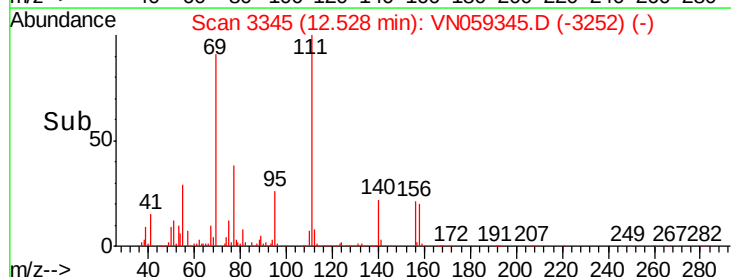
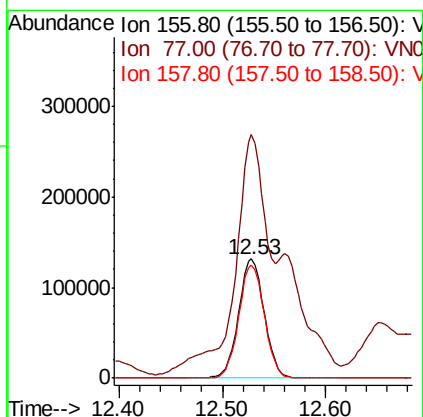
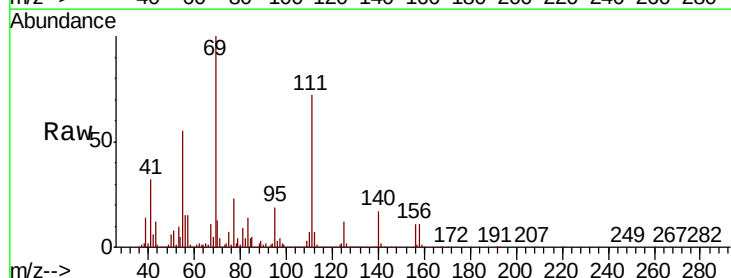
Tgt Ion: 156 Resp: 227548

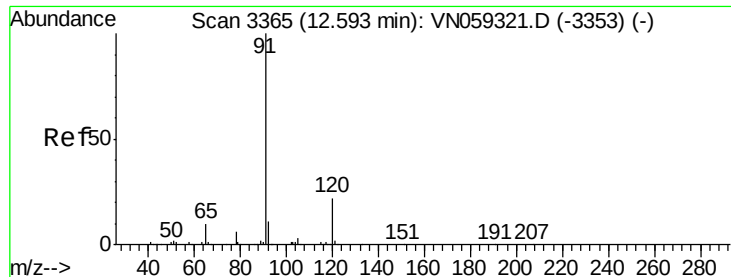
Ion Ratio Lower Upper

156 100

77 250.4 111.1 333.4

158 94.2 47.8 143.4

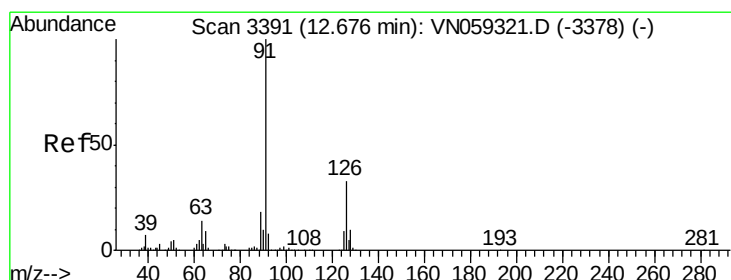
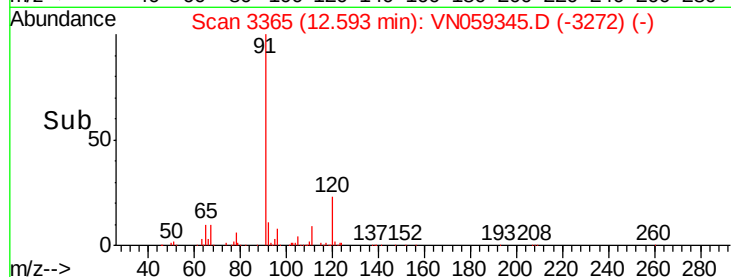
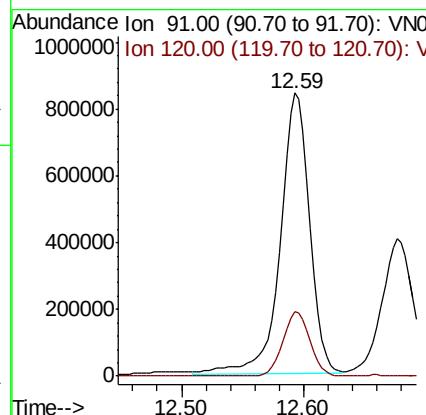
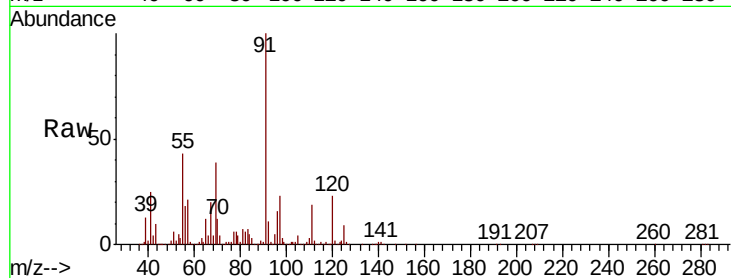




#78
n-propylbenzene
Concen: 38.008 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

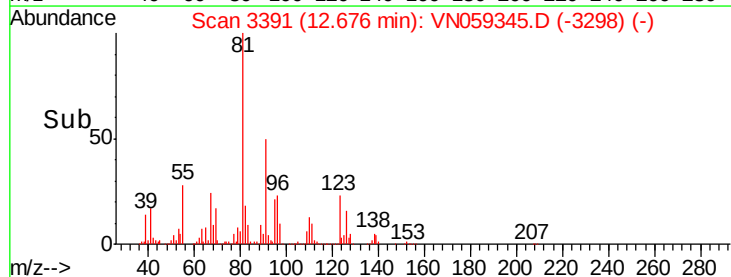
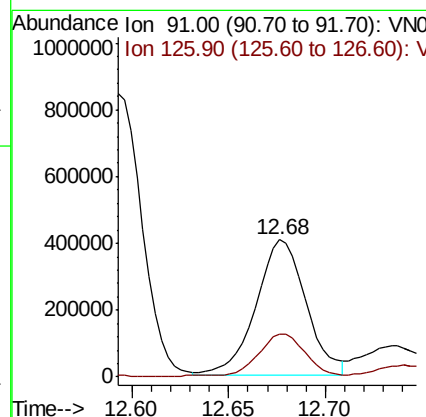
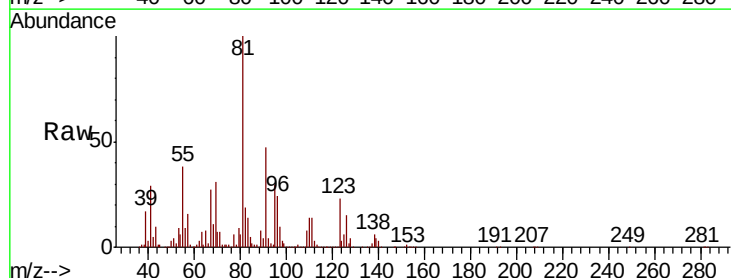
Instrument :
MSVOA_N
ClientSampleId :

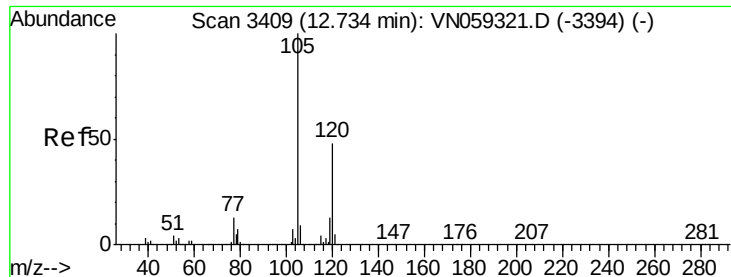
Tot Ion: 91 Resp: 1431946
Ion Ratio Lower Upper
91 100
120 21.0 11.3 33.9



#79
2-Chlorotoluene
Concen: 31.479 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 91 Resp: 727938
Ion Ratio Lower Upper
91 100
126 29.8 16.7 50.1

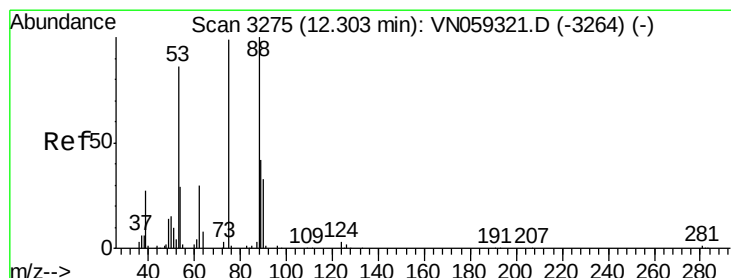
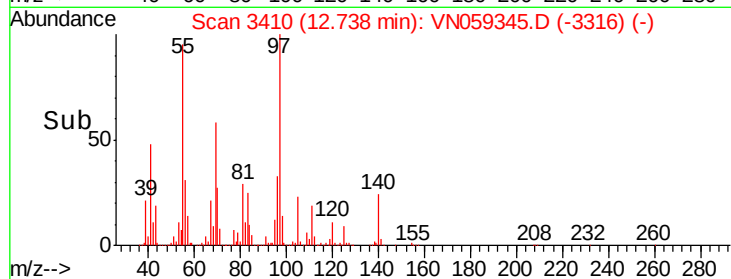
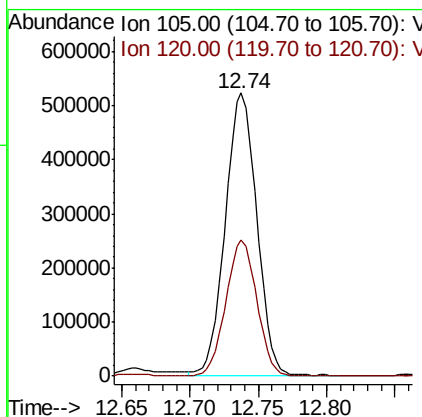
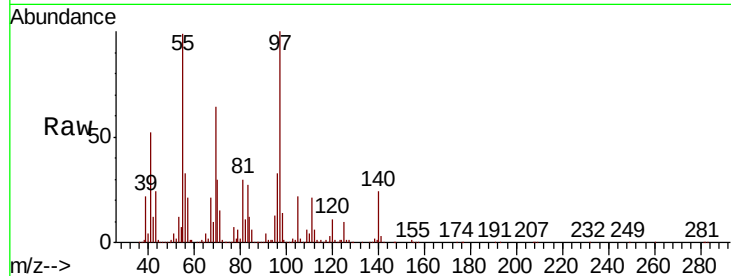




#80
 1,3,5-Trimethylbenzene
 Concen: 29.885 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

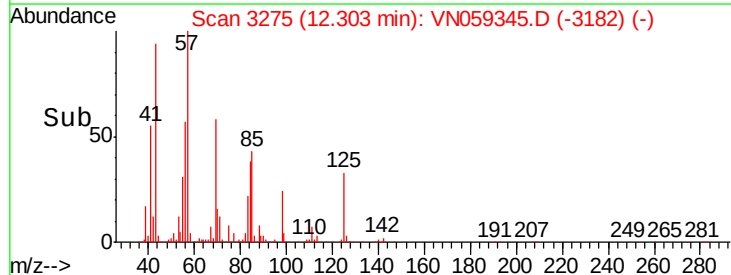
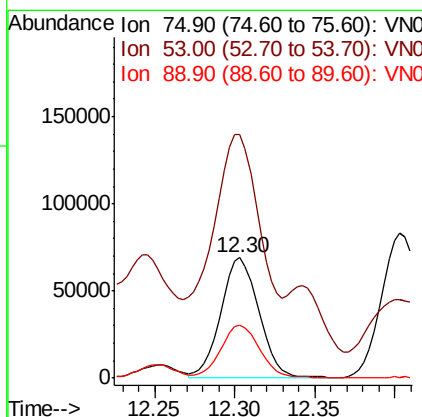
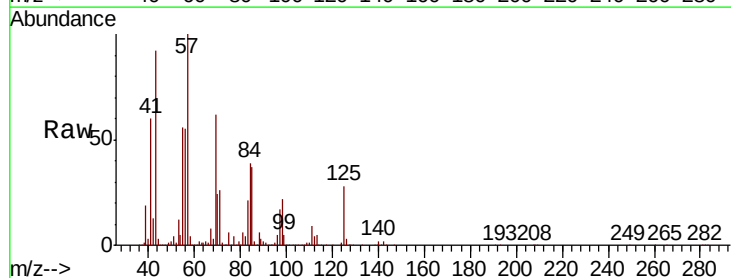
Instrument :
 MSVOA_N
 ClientSampleId :

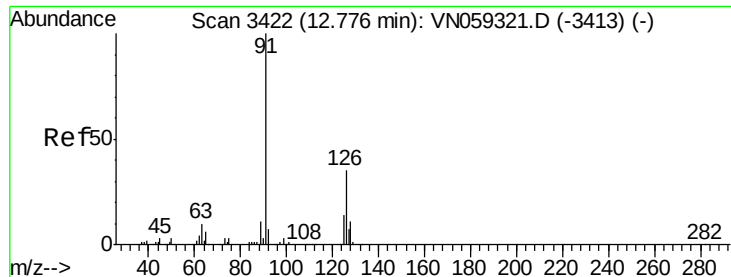
Tot Ion:105 Resp: 835541
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 29.427 ug/l
 RT: 12.30 min Scan# 3275
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion: 75 Resp: 110357
 Ion Ratio Lower Upper
 75 100
 53 136.8 70.7 106.1#
 89 45.1 35.4 53.0

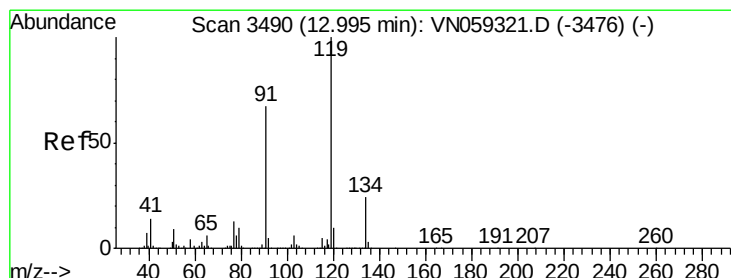
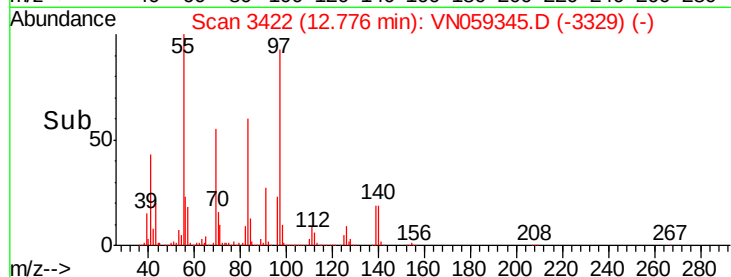
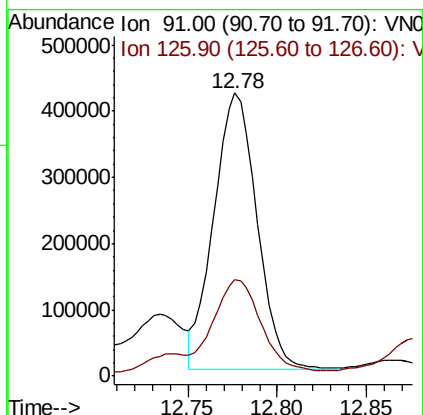
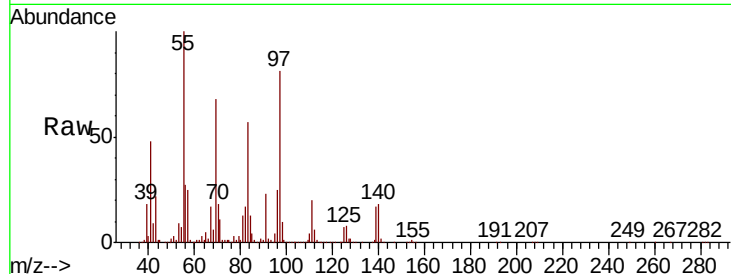




#82
4-Chlorotoluene
Concen: 29.146 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

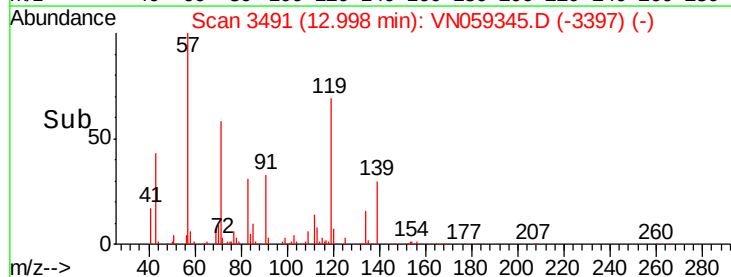
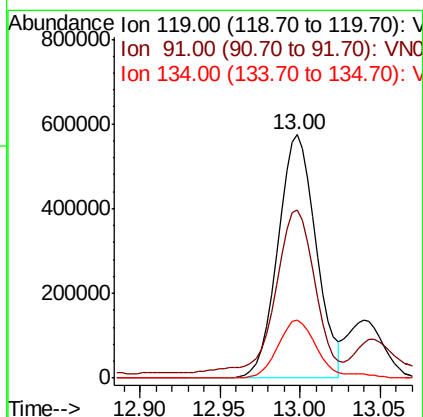
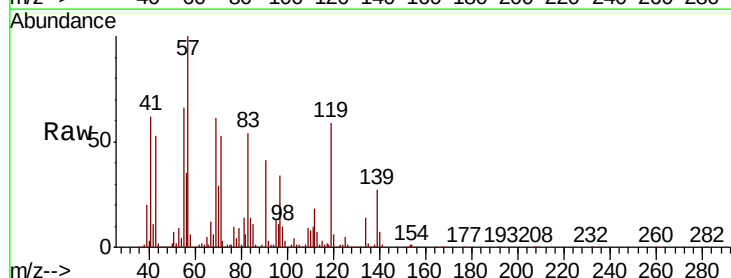
Instrument :
MSVOA_N
ClientSampled :

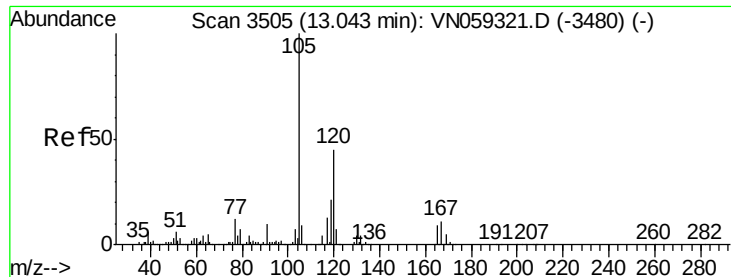
Tot Ion: 91 Resp: 697453
Ion Ratio Lower Upper
91 100
126 38.3 16.2 48.6



#83
tert-Butylbenzene
Concen: 40.479 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN059345.D
Acq: 21 Nov 2019 18:46

Tgt Ion: 119 Resp: 955856
Ion Ratio Lower Upper
119 100
91 68.5 32.8 98.4
134 25.0 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 38.739 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

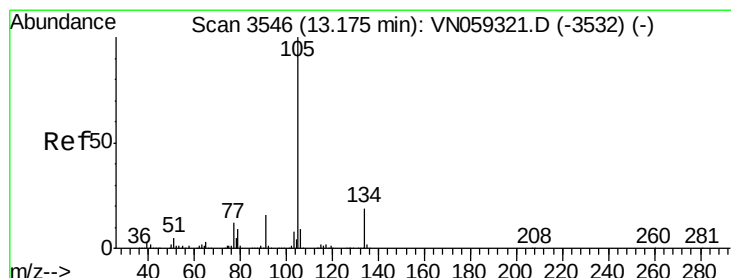
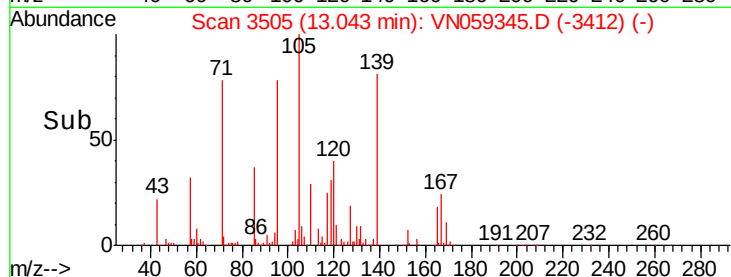
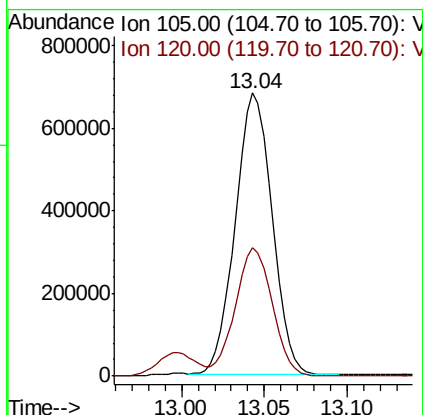
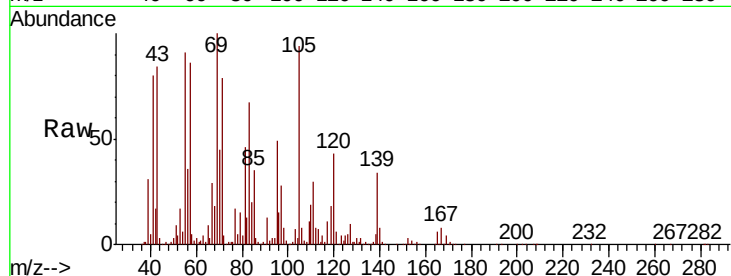
ClientSampleId :

Tot Ion:105 Resp: 1060973

Ion Ratio Lower Upper

105 100

120 45.4 22.6 67.8



#85

sec-Butylbenzene

Concen: 49.747 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059345.D

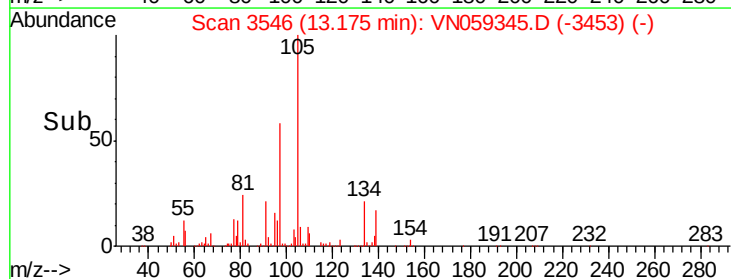
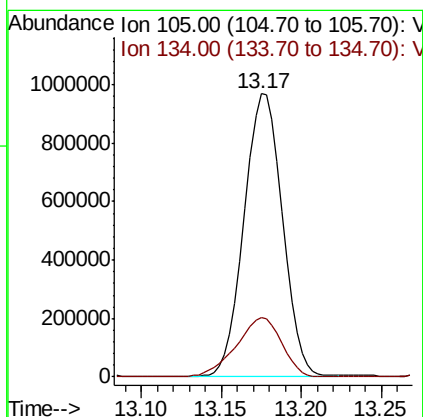
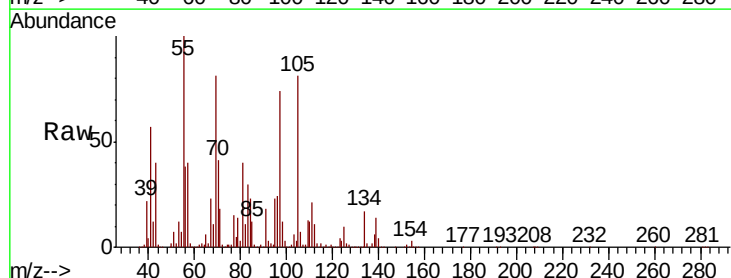
Acq: 21 Nov 2019 18:46

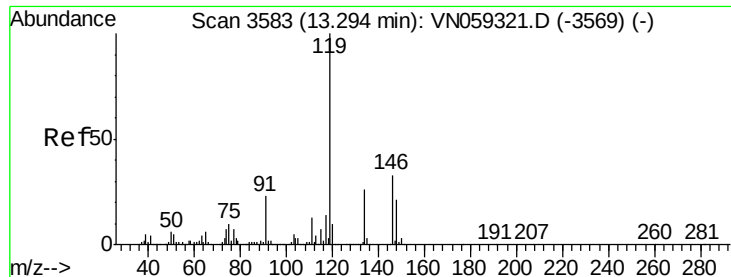
Tgt Ion:105 Resp: 1578856

Ion Ratio Lower Upper

105 100

134 24.9 9.8 29.3

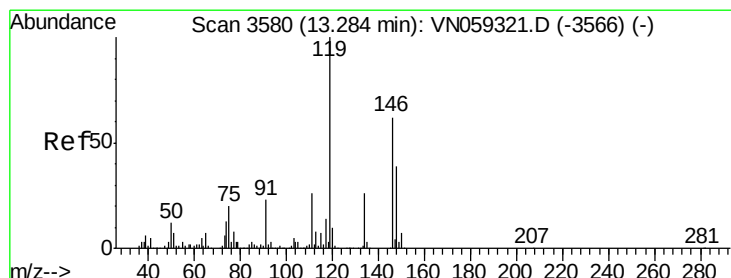
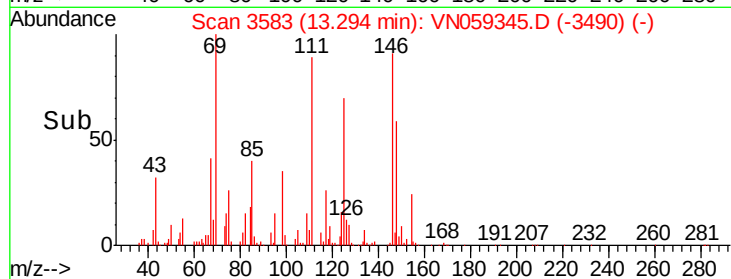
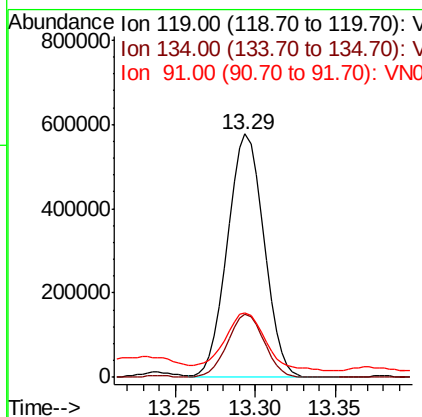
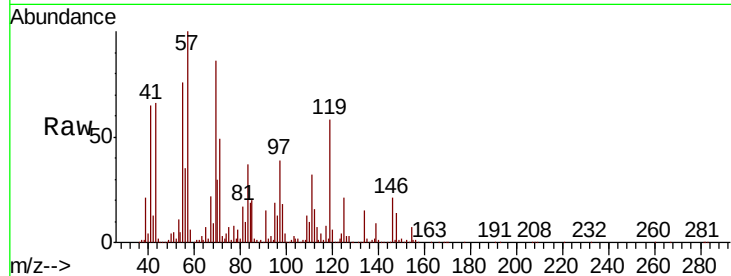




#86
 p-Isopropyltoluene
 Concen: 31.715 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

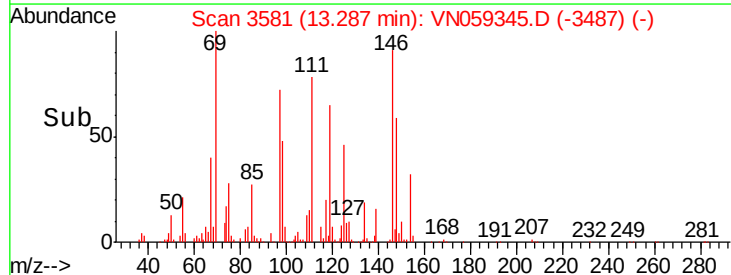
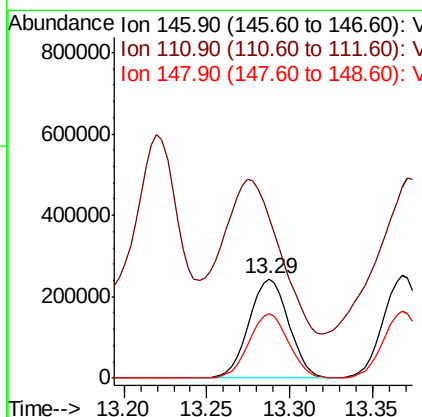
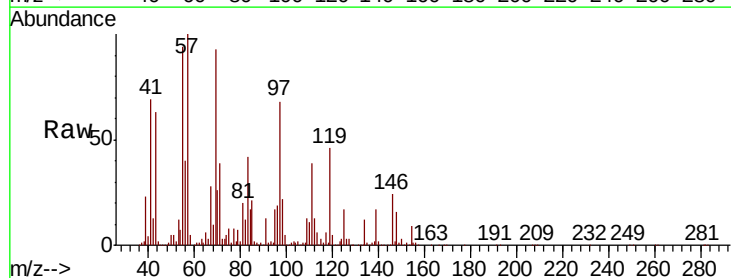
Instrument :
 MSVOA_N
 ClientSampled :

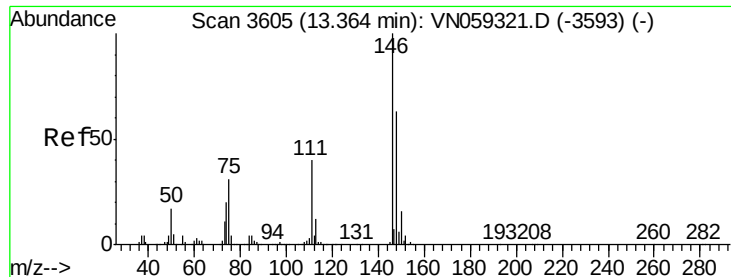
Tot Ion:119	Resp:	895678
Ion Ratio	Lower	Upper
119	100	
134	25.8	13.0 38.9
91	26.4	11.6 34.7



#87
 1,3-Dichlorobenzene
 Concen: 28.294 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion:146	Resp:	406473
Ion Ratio	Lower	Upper
146	100	
111	215.4	20.6 61.8#
148	64.6	31.9 95.5

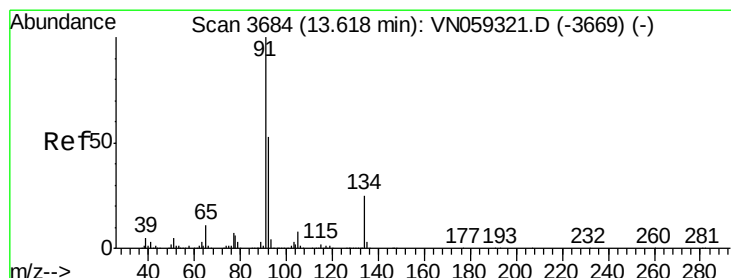
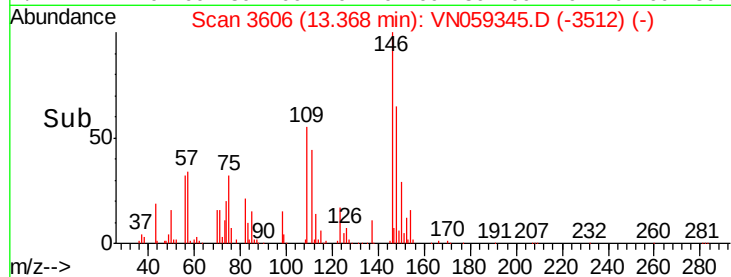
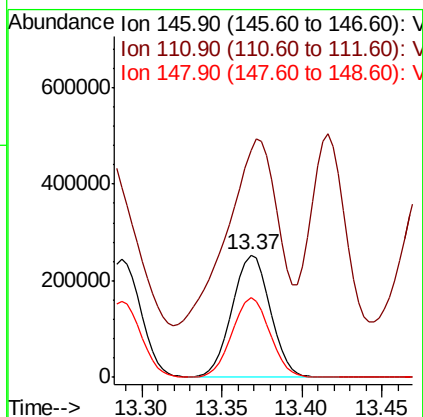
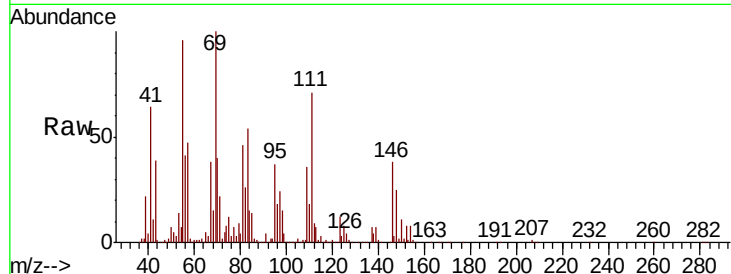




#88
 1,4-Dichlorobenzene
 Concen: 28.910 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

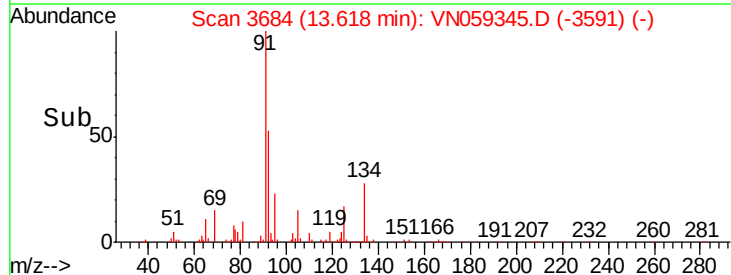
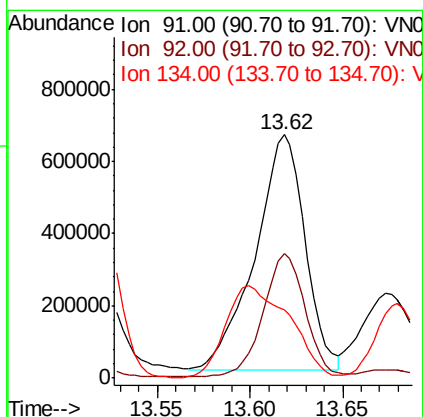
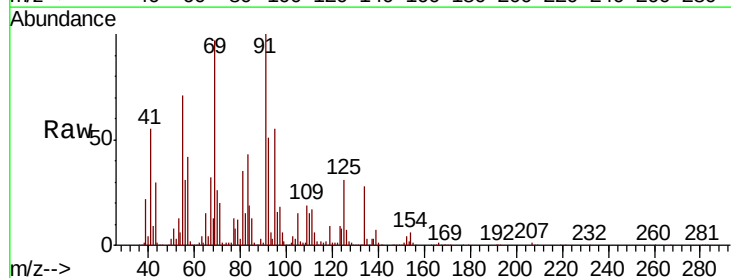
Instrument :
 MSVOA_N
 ClientSampleId :

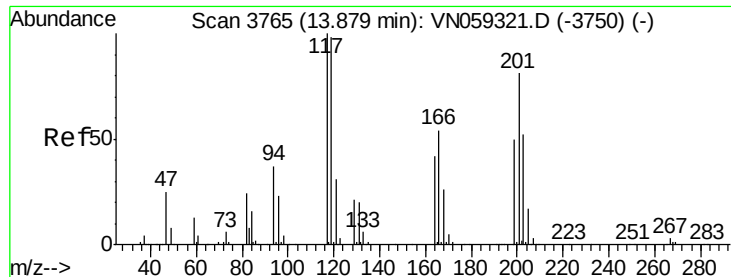
Tot Ion:146 Resp: 410926
 Ion Ratio Lower Upper
 146 100
 111 198.2 20.1 60.3#
 148 64.3 31.7 95.1



#89
 n-Butylbenzene
 Concen: 49.634 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Tgt Ion: 91 Resp: 1229677
 Ion Ratio Lower Upper
 91 100
 92 43.8 26.0 78.0
 134 50.0 12.7 38.1#





#90

Hexachloroethane

Concen: 88.144 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

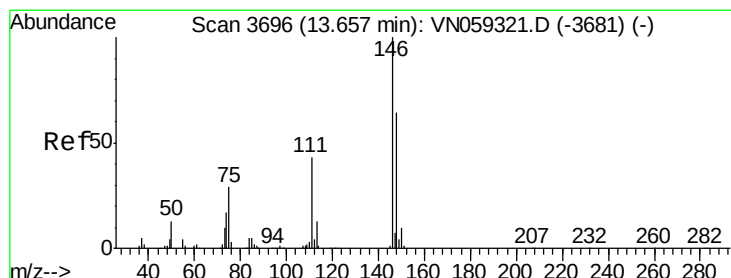
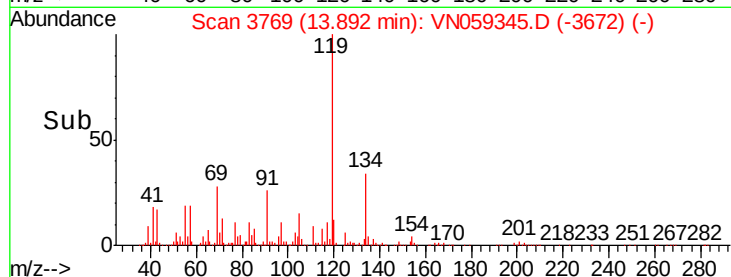
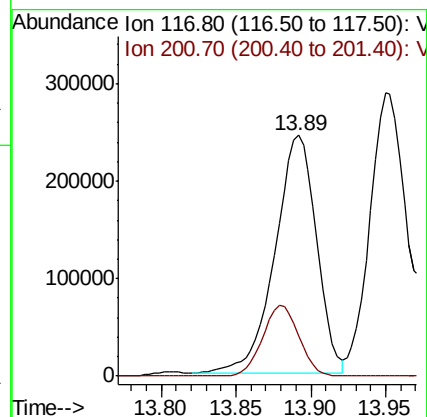
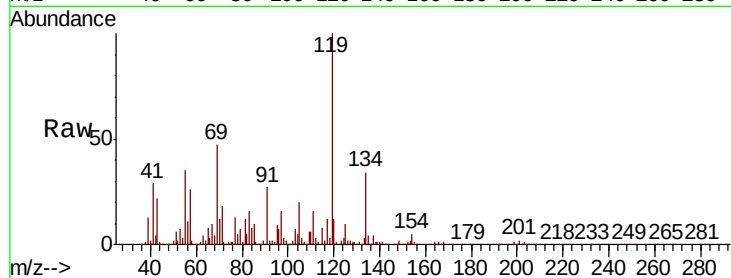
ClientSampleId :

Tot Ion:117 Resp: 471445

Ion Ratio Lower Upper

117 100

201 26.0 40.4 121.2#



#91

1,2-Dichlorobenzene

Concen: 29.025 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

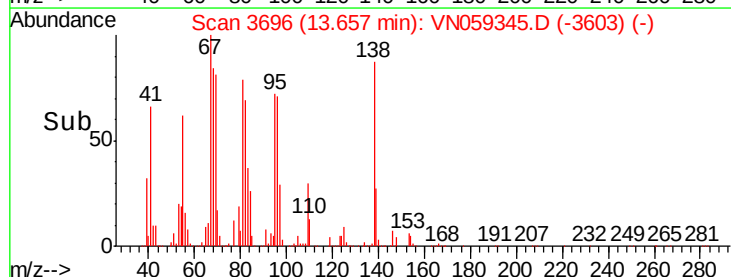
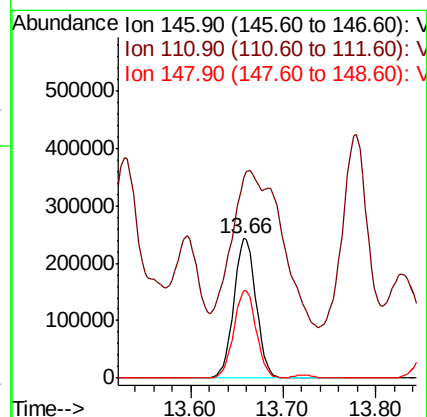
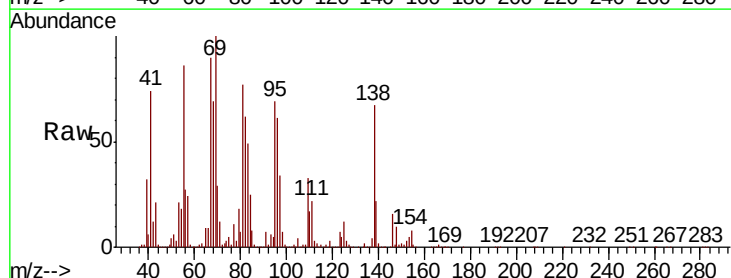
Tgt Ion:146 Resp: 403438

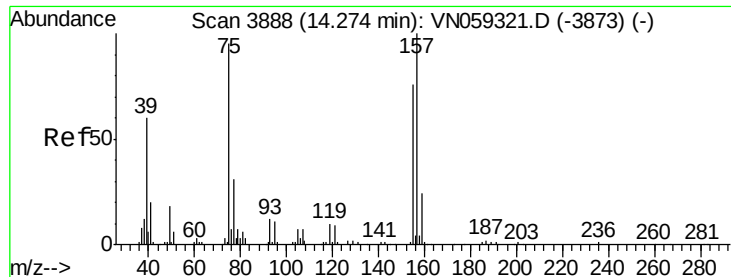
Ion Ratio Lower Upper

146 100

111 136.0 21.3 64.0#

148 63.3 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 28.965 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampled :

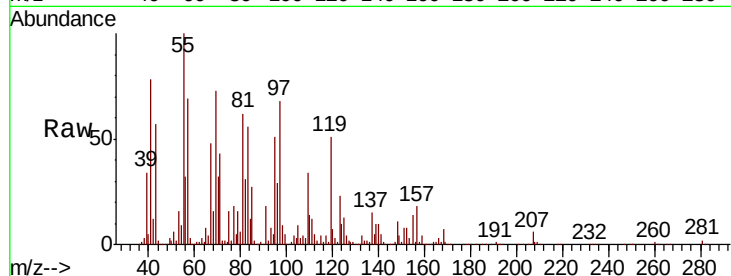
Tot Ion: 75 Resp: 67752

Ion Ratio Lower Upper

75 100

155 80.1 40.5 121.5

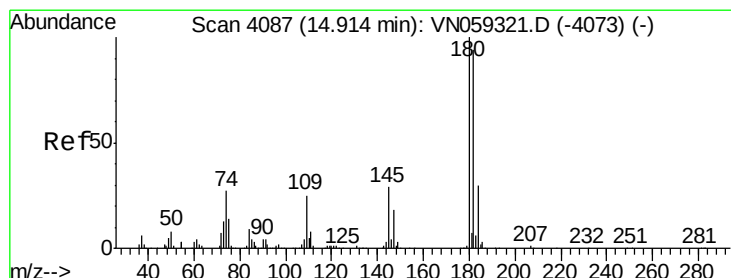
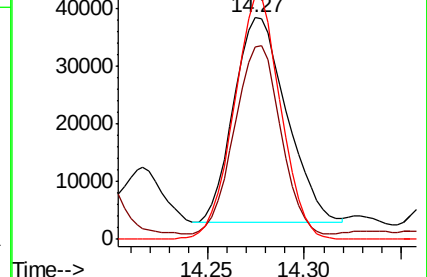
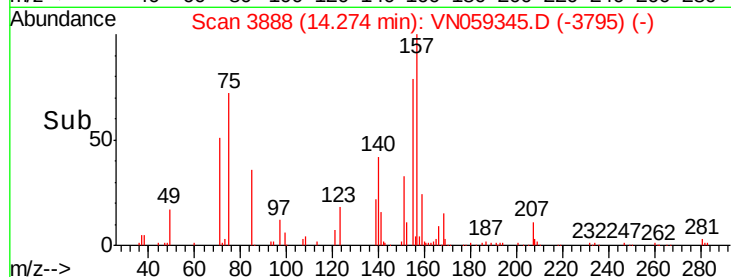
157 104.0 52.7 158.1



Abundance Ion 74.90 (74.60 to 75.60): VN059345.D (-3795) (-)

Ion 154.80 (154.50 to 155.50): VN059345.D (-3795) (-)

Ion 156.80 (156.50 to 157.50): VN059345.D (-3795) (-)



#93

1,2,4-Trichlorobenzene

Concen: 35.102 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

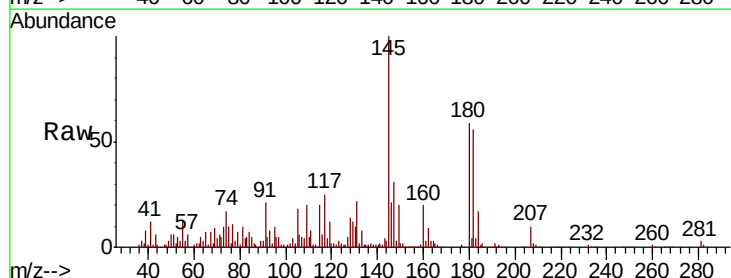
Tgt Ion: 180 Resp: 295413

Ion Ratio Lower Upper

180 100

182 94.6 47.2 141.6

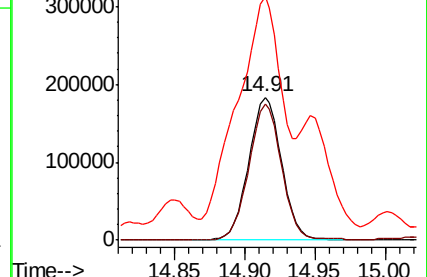
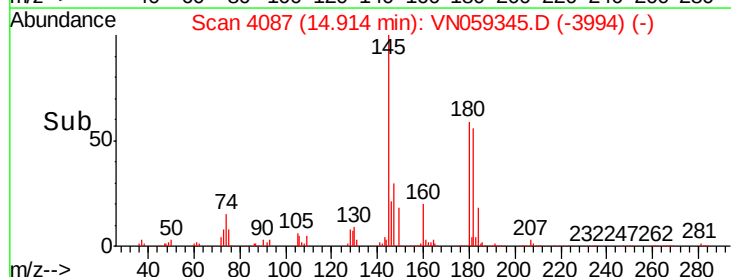
145 210.8 14.9 44.5#

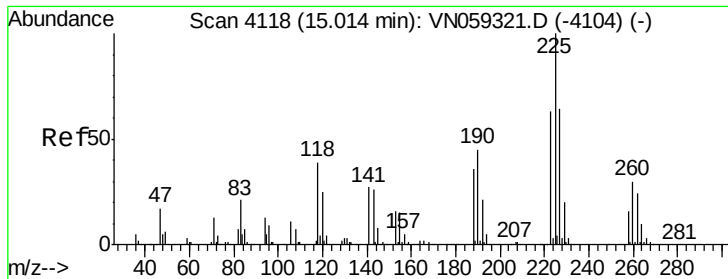


Abundance Ion 179.80 (179.50 to 180.50): VN059345.D (-3994) (-)

Ion 181.80 (181.50 to 182.50): VN059345.D (-3994) (-)

Ion 144.80 (144.50 to 145.50): VN059345.D (-3994) (-)





#94

Hexachlorobutadiene

Concen: 34.723 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

Instrument :

MSVOA_N

ClientSampleId :

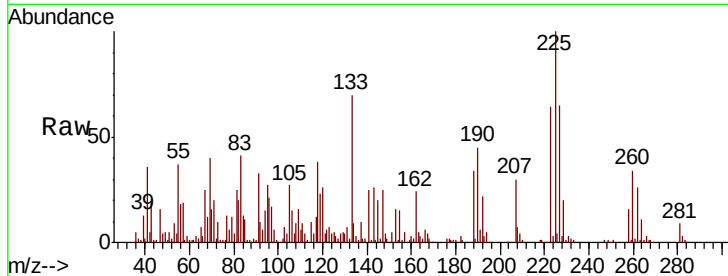
Tot Ion:225 Resp: 173886

Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

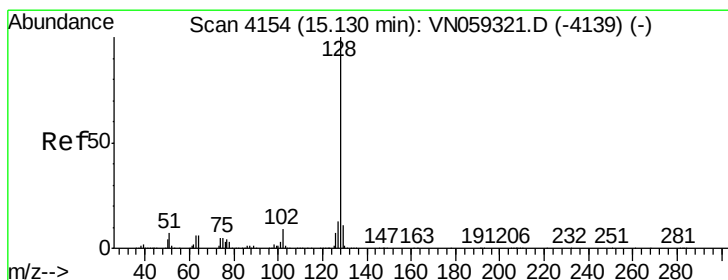
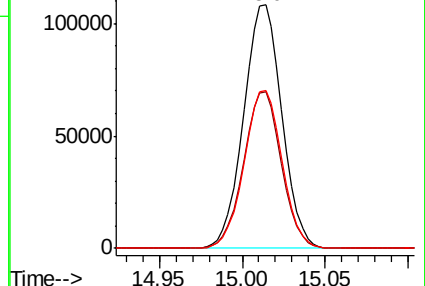
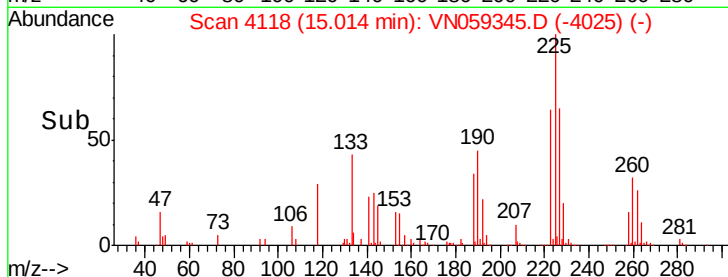
227 64.3 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 35.870 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059345.D

Acq: 21 Nov 2019 18:46

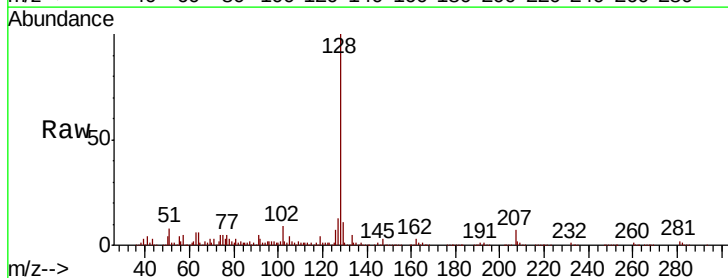
Tgt Ion:128 Resp: 835753

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

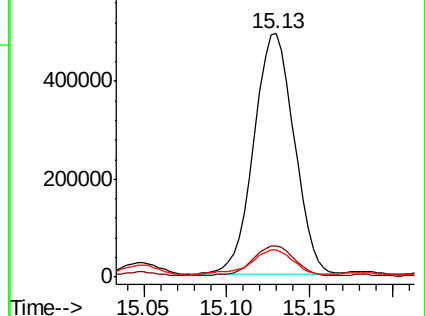
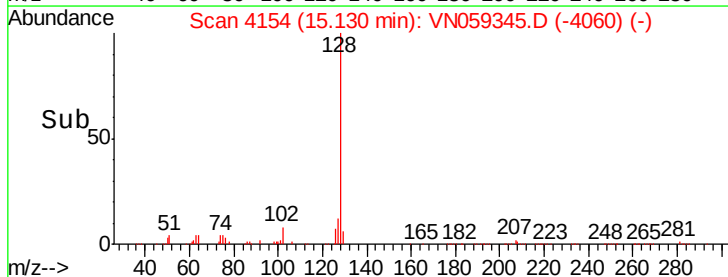
129 10.9 8.6 13.0

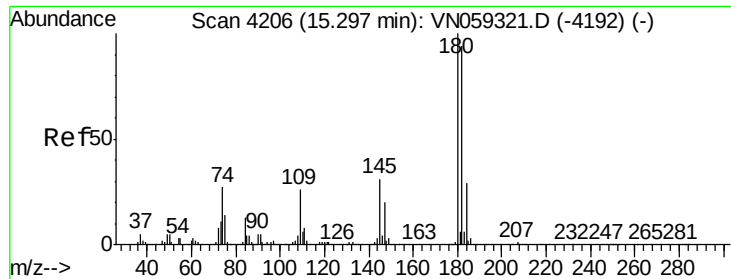


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 34.062 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059345.D
 Acq: 21 Nov 2019 18:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.4
145	99.2	15.6	46.8

