

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052891.D
 Acq On : 14 Dec 2018 16:25
 Operator : MD\SY
 Sample : VN1214WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 02:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1143205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1717825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1526305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	716431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	590565	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	391511	40.83	ug/l	0.00
Spiked Amount			Recovery	=	81.66%	
50) Toluene-d8	10.09	98	2139322	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	736913	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	219060	18.615	ug/l	100
3) Chloromethane	2.06	50	253533	17.950	ug/l	99
4) Vinyl Chloride	2.19	62	261031	18.473	ug/l	99
5) Bromomethane	2.58	94	161591	18.541	ug/l	100
6) Chloroethane	2.71	64	155156	18.576	ug/l	99
7) Trichlorofluoromethane	3.03	101	327126	18.673	ug/l	99
8) Diethyl Ether	3.41	74	118952	18.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	210725	19.408	ug/l	99
10) Methyl Iodide	3.96	142	282295	18.566	ug/l	100
11) Tert butyl alcohol	4.77	59	57373	84.472	ug/l	99
12) 1,1-Dichloroethene	3.74	96	195646	18.614	ug/l	100
13) Acrolein	3.61	56	15195	23.762	ug/l	97
14) Allyl chloride	4.33	41	319748	18.625	ug/l	98
15) Acrylonitrile	4.99	53	333290	87.470	ug/l	98
16) Acetone	3.82	43	198388	72.668	ug/l	96
17) Carbon Disulfide	4.06	76	570650	17.674	ug/l	99
18) Methyl Acetate	4.32	43	178531	17.819	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	518857	18.184	ug/l	99
20) Methylene Chloride	4.56	84	222145	18.081	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	206496	18.134	ug/l	98
22) Diisopropyl ether	5.95	45	675762	18.451	ug/l	98
23) Vinyl Acetate	5.90	43	1891620	86.800	ug/l	99
24) 1,1-Dichloroethane	5.85	63	390751	18.501	ug/l	99
25) 2-Butanone	6.83	43	338947	80.015	ug/l	99
26) 2,2-Dichloropropane	6.83	77	298328	19.181	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	239675	18.545	ug/l	99
28) Bromochloromethane	7.20	49	187913	19.814	ug/l	97
29) Tetrahydrofuran	7.21	42	246036	85.078	ug/l	99
30) Chloroform	7.37	83	383829	18.636	ug/l	98
31) Cyclohexane	7.66	56	382569	18.204	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	324085	18.807	ug/l	100
36) 1,1-Dichloropropene	7.79	75	304037	19.220	ug/l	99
37) Ethyl Acetate	6.93	43	164874	17.350	ug/l	100
38) Carbon Tetrachloride	7.77	117	275012	18.888	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052891.D
 Acq On : 14 Dec 2018 16:25
 Operator : MD\SY
 Sample : VN1214WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 02:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	371360	19.130	ug/l	99
40) Benzene	8.04	78	900132	18.959	ug/l	99
41) Methacrylonitrile	7.21	41	240268	45.632	ug/l #	17
42) 1,2-Dichloroethane	8.13	62	271179	18.972	ug/l	100
43) Isopropyl Acetate	8.16	43	319078	16.377	ug/l	99
44) Trichloroethene	8.84	130	264760	20.645	ug/l	96
45) 1,2-Dichloropropane	9.12	63	235418	18.931	ug/l	98
46) Dibromomethane	9.21	93	133015	18.443	ug/l	98
47) Bromodichloromethane	9.40	83	284951	19.053	ug/l	99
48) Methyl methacrylate	9.20	41	155323	18.178	ug/l	97
49) 1,4-Dioxane	9.20	88	37648	388.176	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	802780	89.856	ug/l	100
52) Toluene	10.16	92	560774	19.501	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	283744	18.854	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	343056	19.129	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191675	18.673	ug/l	97
56) Ethyl methacrylate	10.43	69	244376	18.551	ug/l	98
57) 1,3-Dichloropropane	10.71	76	334916	19.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	698258	94.994	ug/l	98
59) 2-Hexanone	10.75	43	527676	86.183	ug/l	100
60) Dibromochloromethane	10.90	129	207088	18.667	ug/l	99
61) 1,2-Dibromoethane	11.01	107	186921	18.422	ug/l	97
64) Tetrachloroethene	10.63	164	323839	24.686	ug/l	99
65) Chlorobenzene	11.43	112	612119	19.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	210218	19.088	ug/l	100
67) Ethyl Benzene	11.51	91	1059954	19.492	ug/l	100
68) m/p-Xylenes	11.62	106	807540	39.549	ug/l	100
69) o-Xylene	11.95	106	394528	19.787	ug/l	100
70) Styrene	11.96	104	641036	20.000	ug/l	99
71) Bromoform	12.13	173	136461	18.239	ug/l #	100
73) Isopropylbenzene	12.25	105	1053359	19.692	ug/l	100
74) N-amyl acetate	12.07	43	271807	18.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	172071	14.353	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	278613	26.358	ug/l #	100
77) Bromobenzene	12.53	156	267106	19.632	ug/l	96
78) n-propylbenzene	12.59	91	1203322	19.725	ug/l	100
79) 2-Chlorotoluene	12.68	91	701052	19.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	848366	19.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59700	18.144	ug/l	98
82) 4-Chlorotoluene	12.77	91	713483	19.349	ug/l	99
83) tert-Butylbenzene	12.99	119	749251	19.670	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	870609	19.916	ug/l	100
85) sec-Butylbenzene	13.17	105	1028772	19.943	ug/l	100
86) p-Isopropyltoluene	13.29	119	890080	19.915	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	461809	19.101	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	458137	19.134	ug/l	99
89) n-Butylbenzene	13.62	91	755666	20.085	ug/l	99
90) Hexachloroethane	13.88	117	129131	17.255	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	437644	18.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30884	17.090	ug/l	98

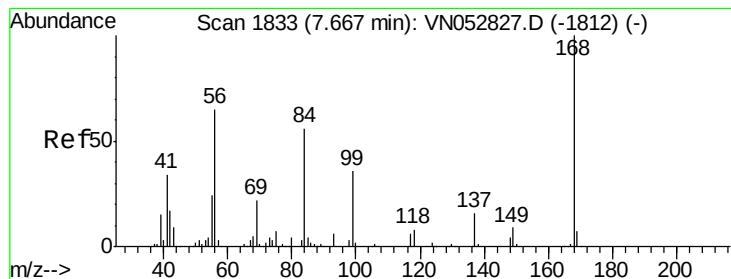
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
Data File : VN052891.D
Acq On : 14 Dec 2018 16:25
Operator : MD\SY
Sample : VN1214WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 15 02:58:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	237924	18.820	ug/l	100
94) Hexachlorobutadiene	15.01	225	142861	19.523	ug/l	98
95) Naphthalene	15.13	128	483071	18.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	211393	18.223	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

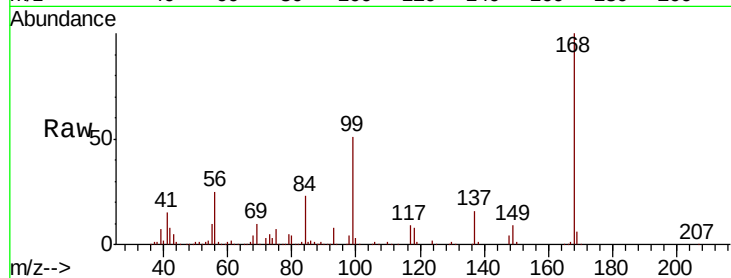
ClientSampleId :

Tot Ion:168 Resp: 1143205

Ion Ratio Lower Upper

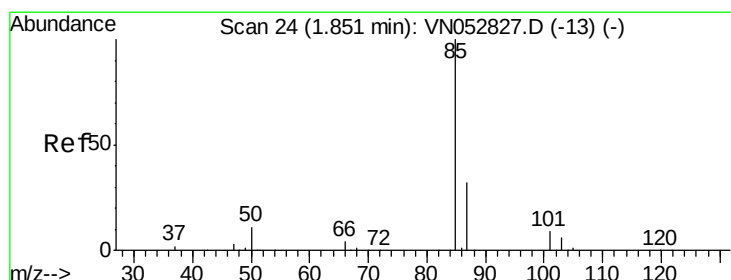
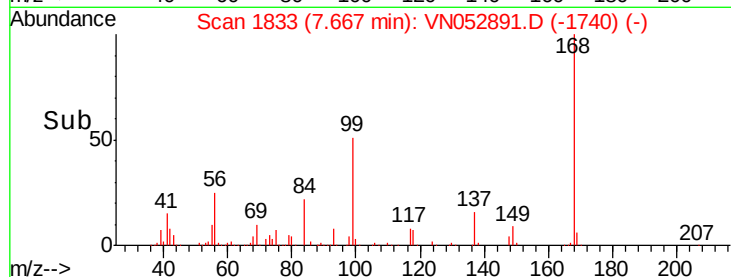
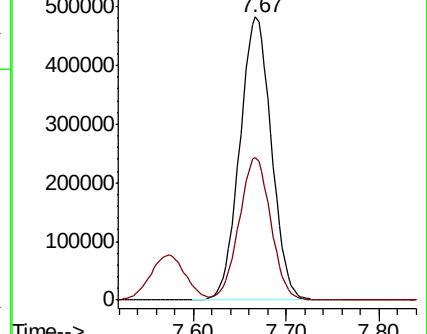
168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.615 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052891.D

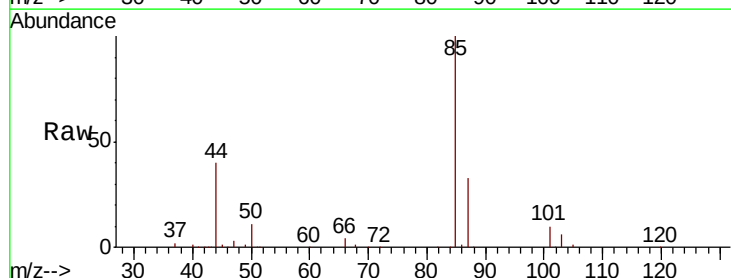
Acq: 14 Dec 2018 16:25

Tgt Ion: 85 Resp: 219060

Ion Ratio Lower Upper

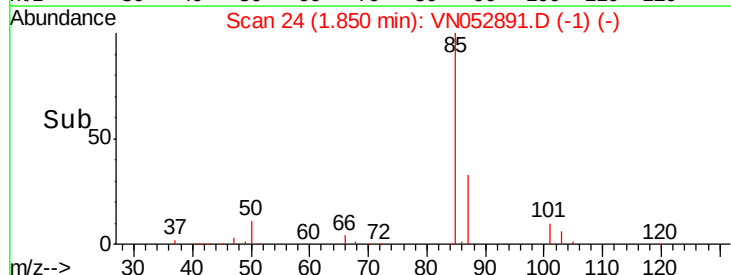
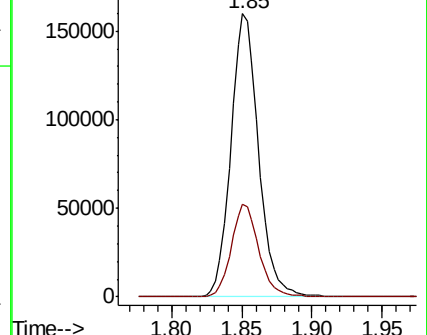
85 100

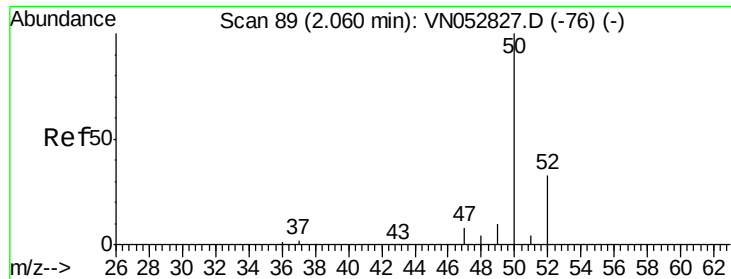
87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

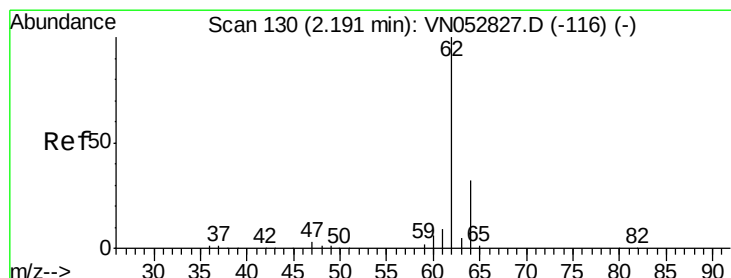
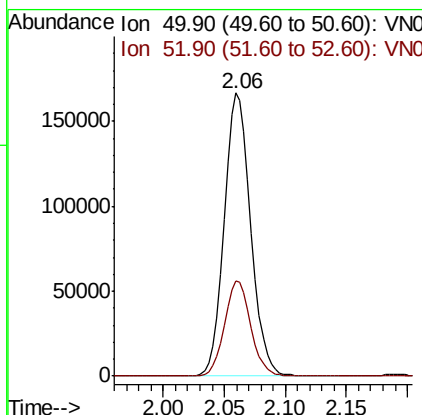
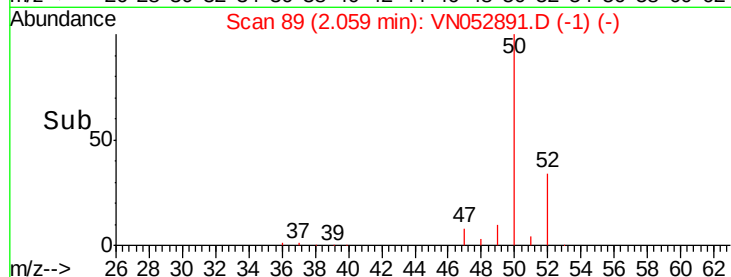
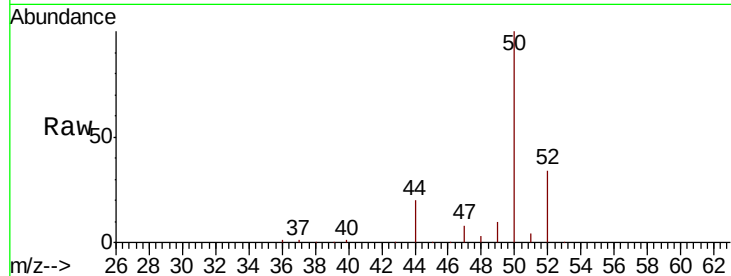




#3
 Chloromethane
 Concen: 17.950 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

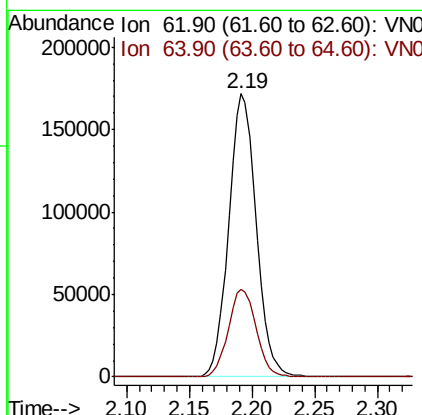
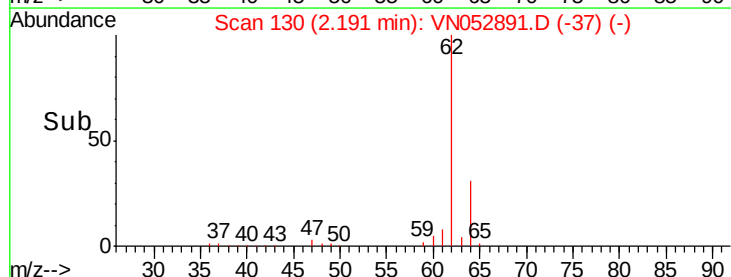
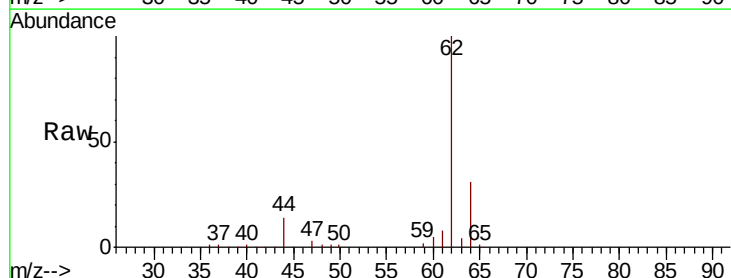
Instrument :
 MSVOA_N
 ClientSampleId :

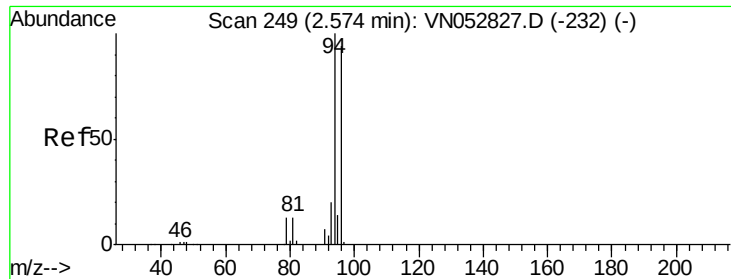
Tot Ion: 50 Resp: 253533
 Ion Ratio Lower Upper
 50 100
 52 33.6 26.2 39.4



#4
 Vinyl Chloride
 Concen: 18.473 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion: 62 Resp: 261031
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.5 38.3





#5

Bromomethane

Concen: 18.541 ug/l

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

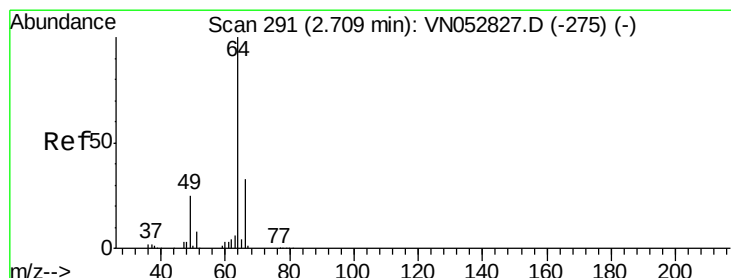
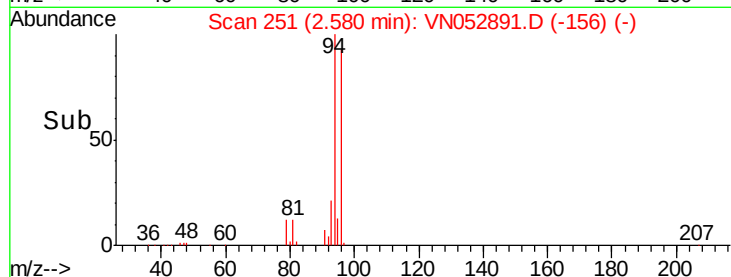
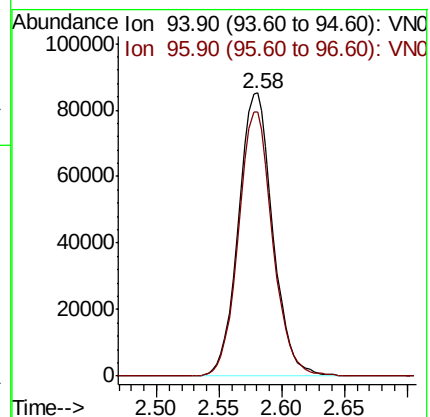
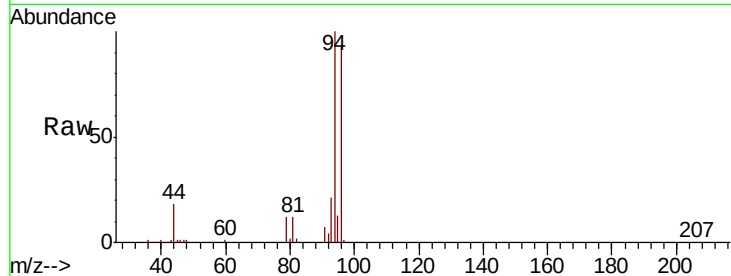
ClientSampled :

Tot Ion: 94 Resp: 161591

Ion Ratio Lower Upper

94 100

96 93.3 75.0 112.4



#6

Chloroethane

Concen: 18.576 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052891.D

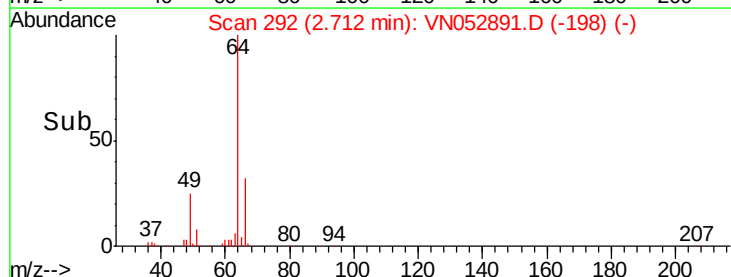
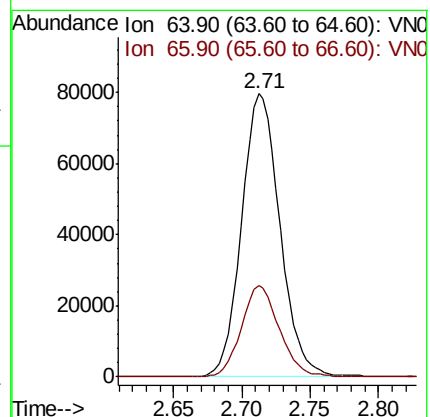
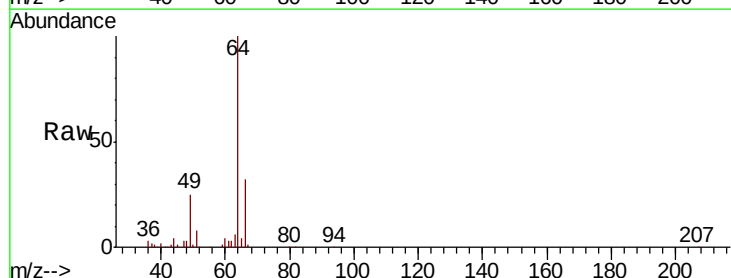
Acq: 14 Dec 2018 16:25

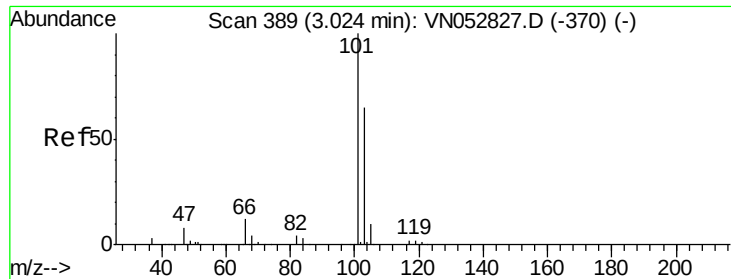
Tgt Ion: 64 Resp: 155156

Ion Ratio Lower Upper

64 100

66 32.3 26.2 39.2



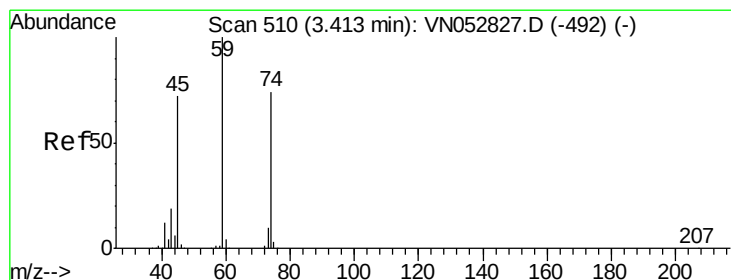
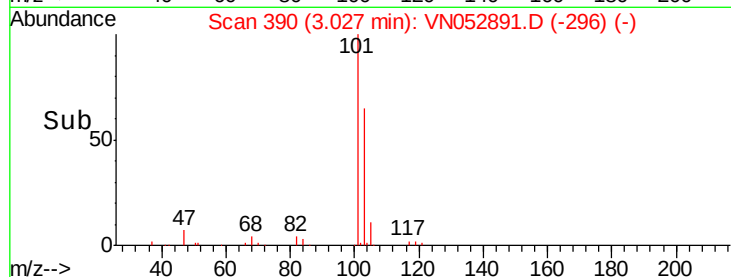
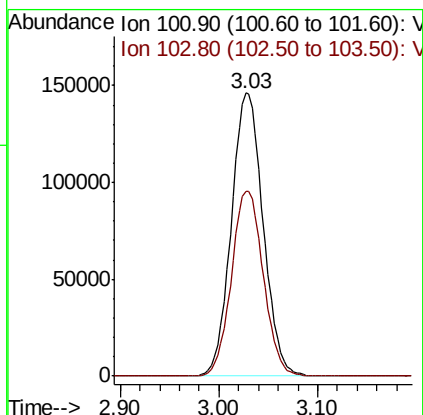
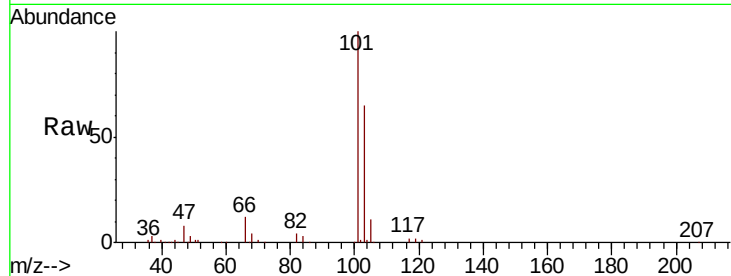


#7

Trichlorofluoromethane
 Concen: 18.673 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Instrument :
 MSVOA_N
 ClientSampleId :

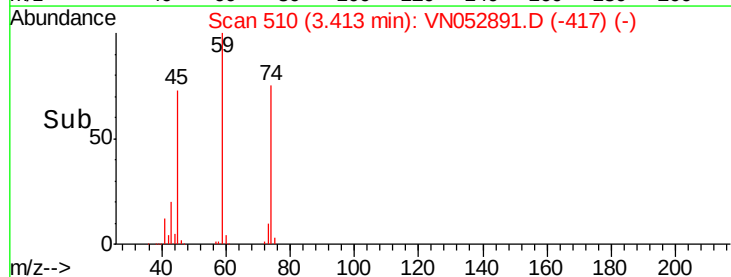
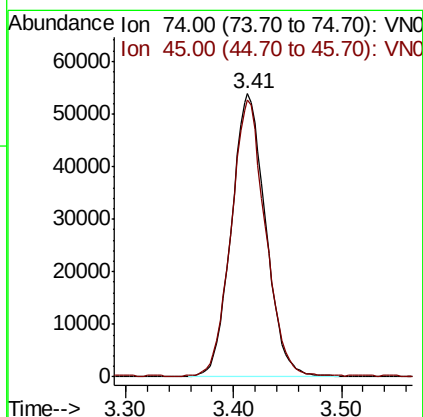
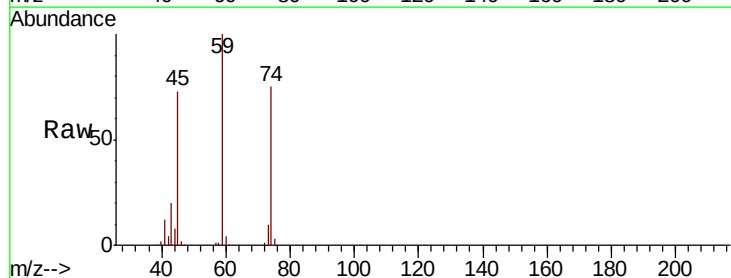
Tot Ion:101 Resp: 327126
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

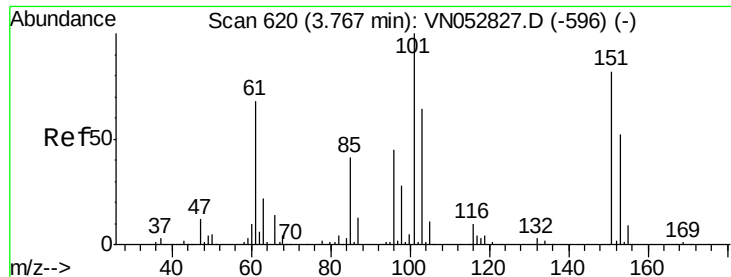


#8

Diethyl Ether
 Concen: 18.614 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion: 74 Resp: 118952
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.408 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

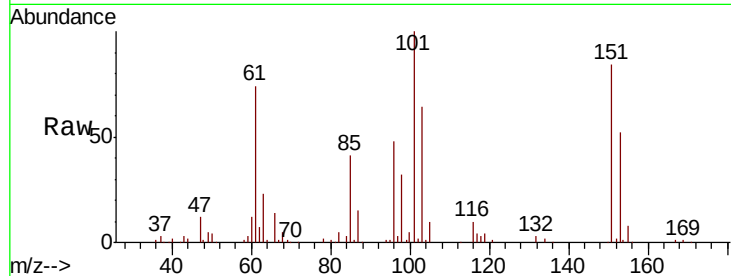
Tot Ion:101 Resp: 210725

Ion Ratio Lower Upper

101 100

85 41.6 33.6 50.4

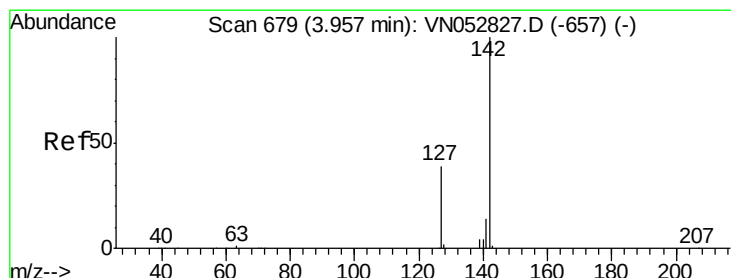
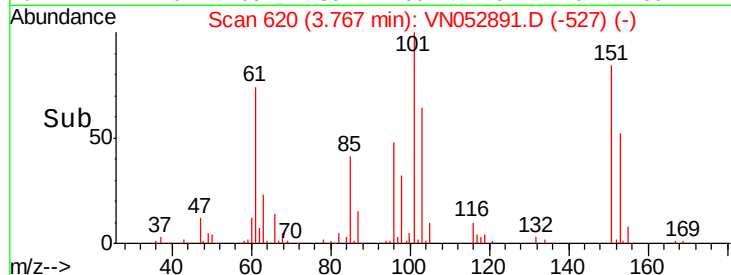
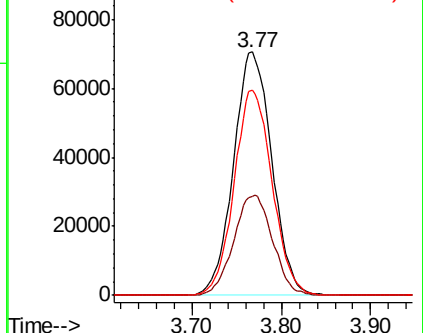
151 83.5 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.566 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

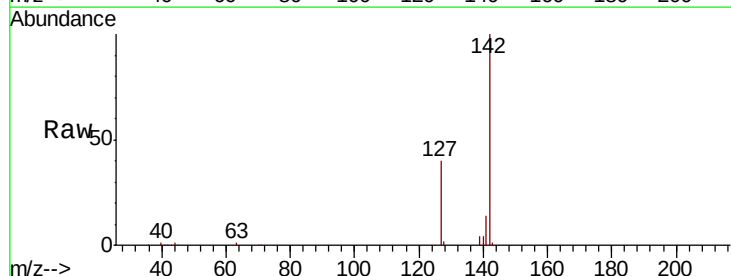
Tgt Ion:142 Resp: 282295

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.6

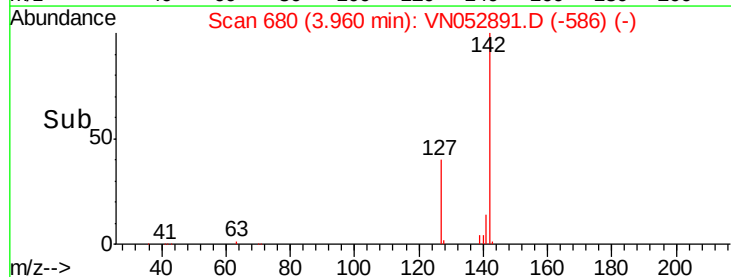
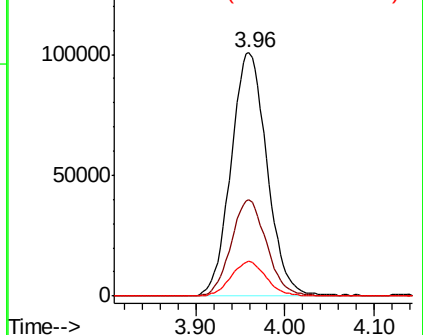
141 14.1 11.2 16.8

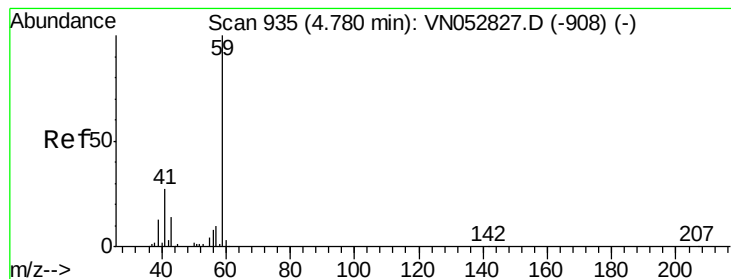


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.472 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

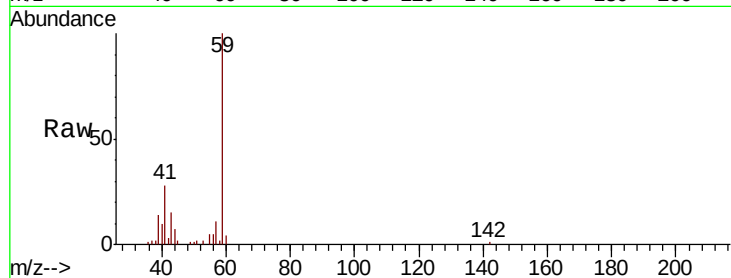
ClientSampleId :

Tot Ion: 59 Resp: 57373

Ion Ratio Lower Upper

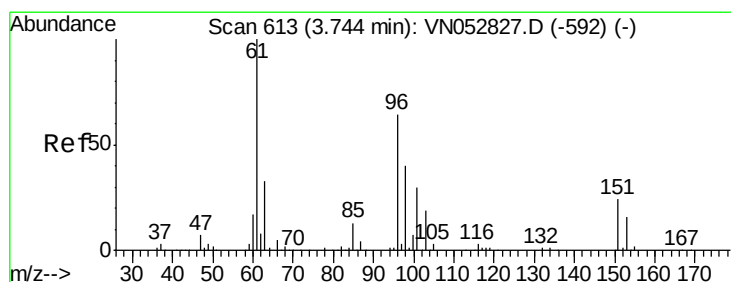
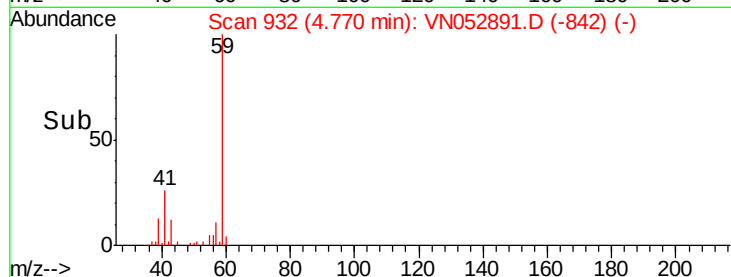
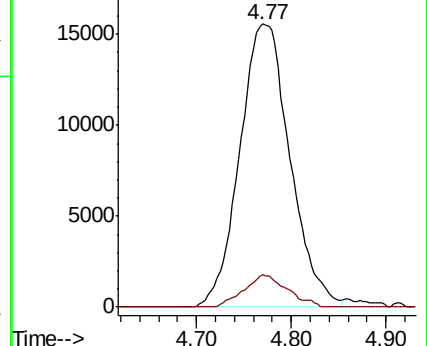
59 100

57 9.9 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.614 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

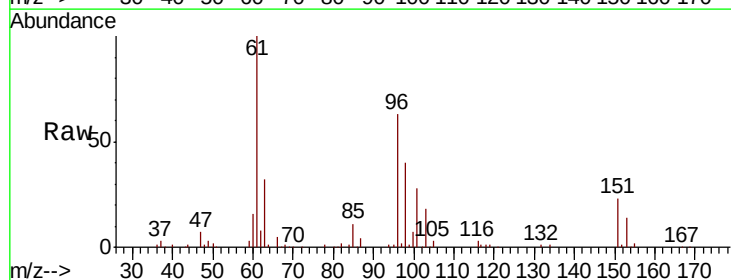
Tgt Ion: 96 Resp: 195646

Ion Ratio Lower Upper

96 100

61 157.7 125.6 188.4

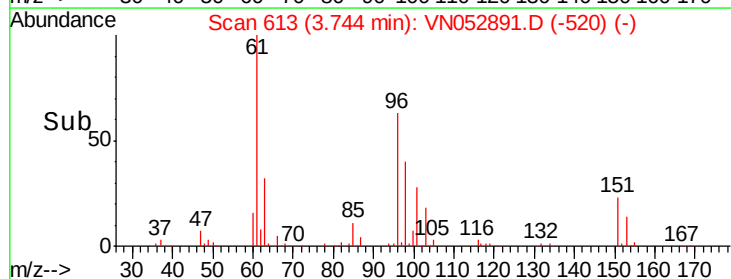
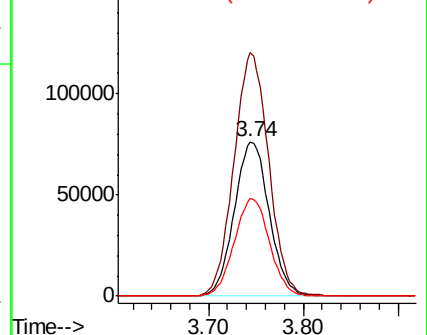
98 63.1 50.6 75.8

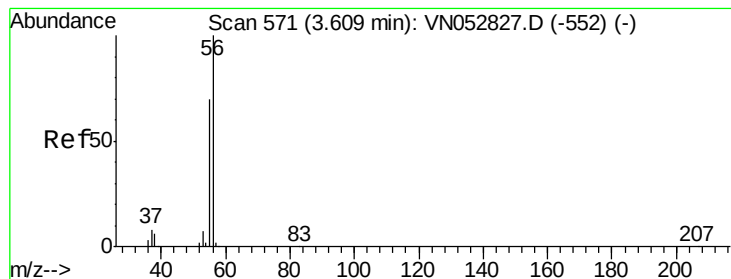


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 23.762 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

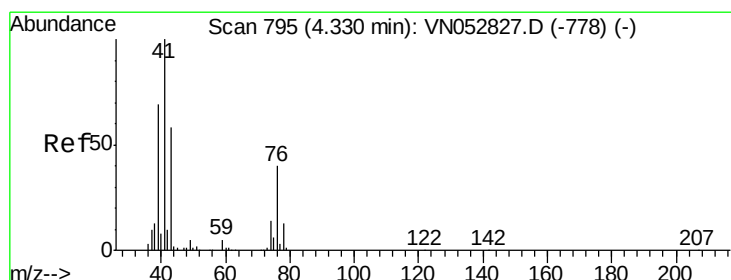
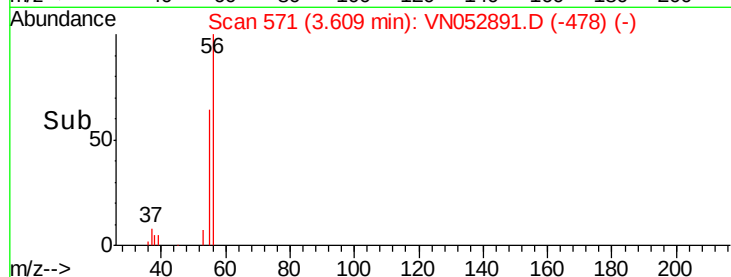
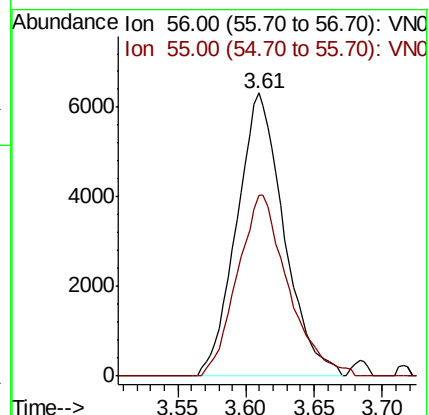
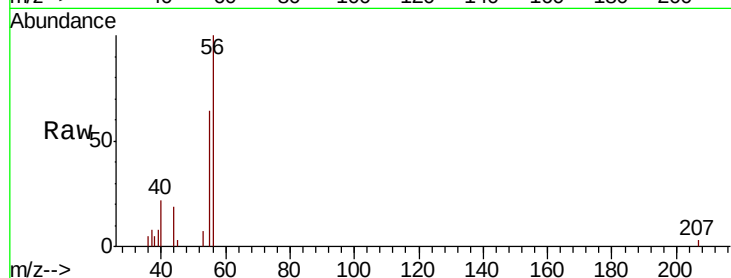
ClientSampleId :

Tot Ion: 56 Resp: 15195

Ion Ratio Lower Upper

56 100

55 68.5 56.6 85.0



#14

Allyl chloride

Concen: 18.625 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

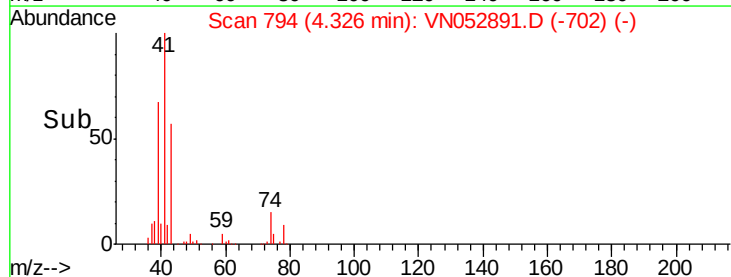
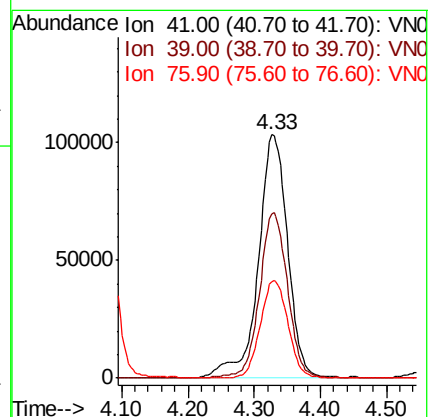
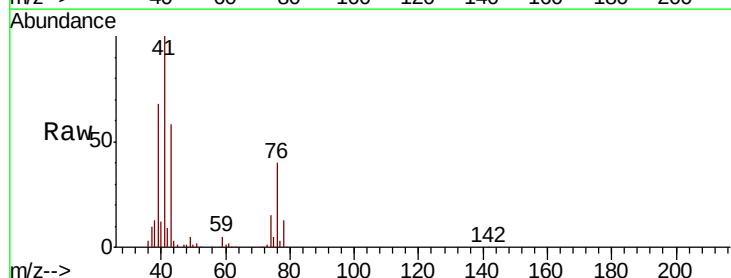
Tgt Ion: 41 Resp: 319748

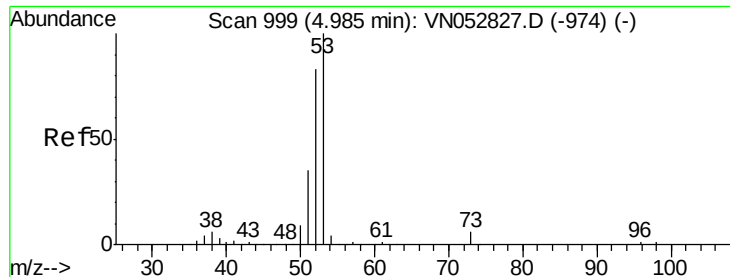
Ion Ratio Lower Upper

41 100

39 64.8 54.1 81.1

76 37.7 30.3 45.5





#15

Acrylonitrile

Concen: 87.470 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

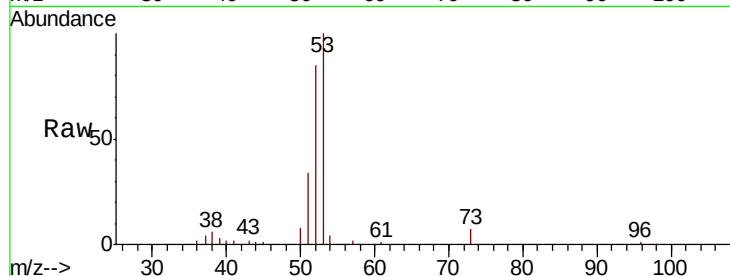
Tot Ion: 53 Resp: 333290

Ion Ratio Lower Upper

53 100

52 83.4 65.1 97.7

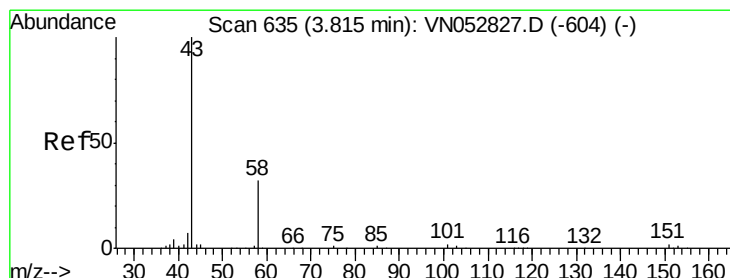
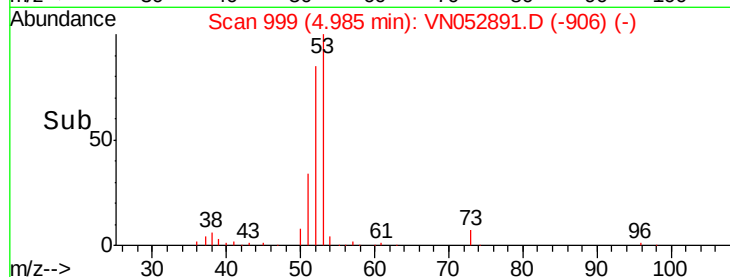
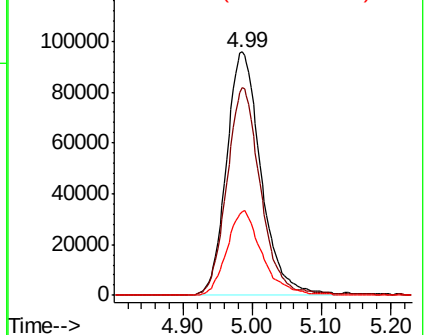
51 35.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052827.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN052827.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN052827.D (-974) (-)



#16

Acetone

Concen: 72.668 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052891.D

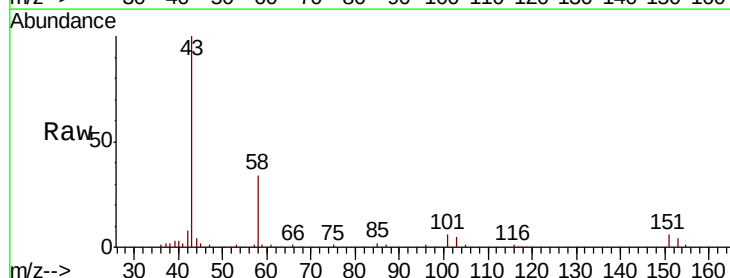
Acq: 14 Dec 2018 16:25

Tgt Ion: 43 Resp: 198388

Ion Ratio Lower Upper

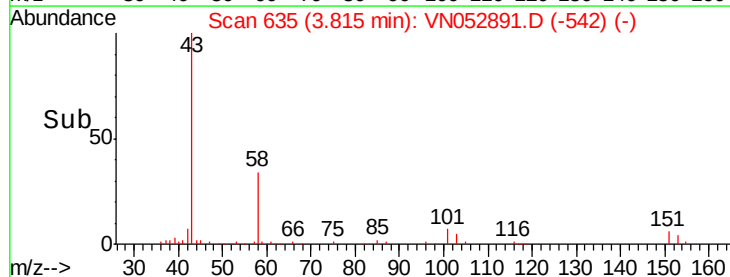
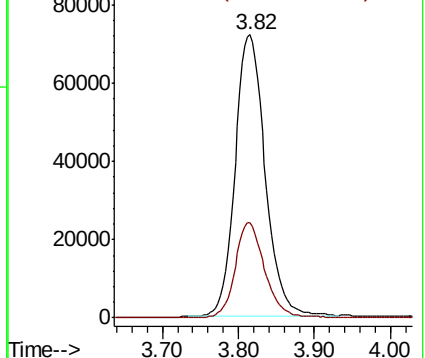
43 100

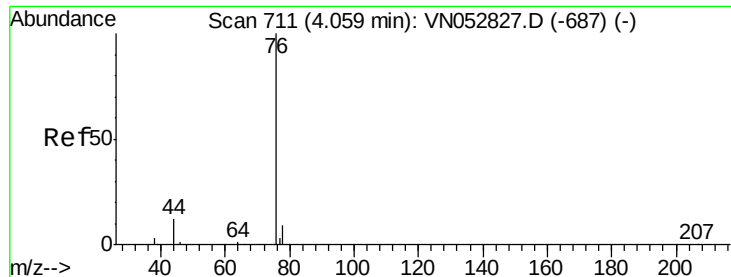
58 33.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

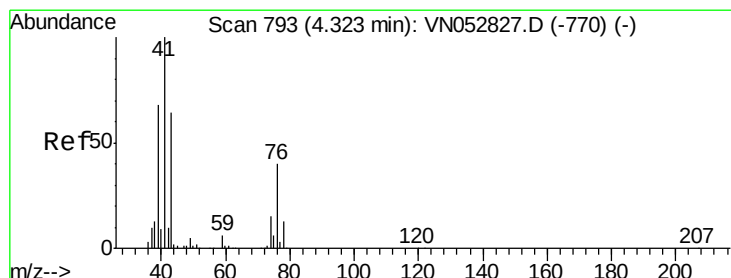
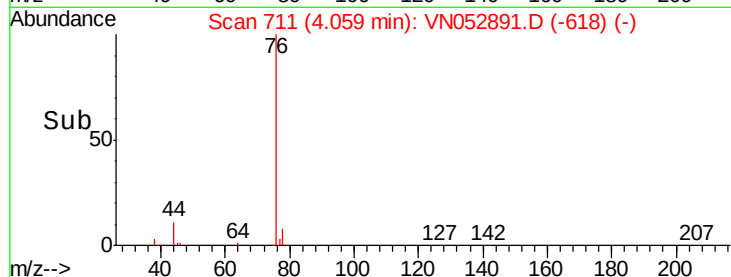
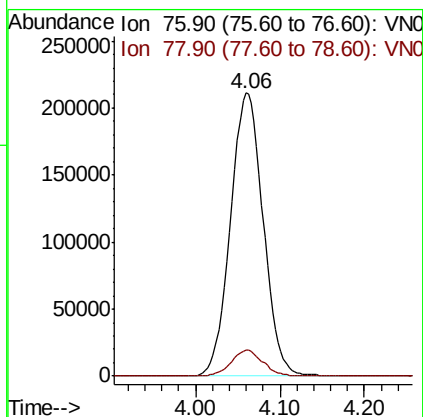
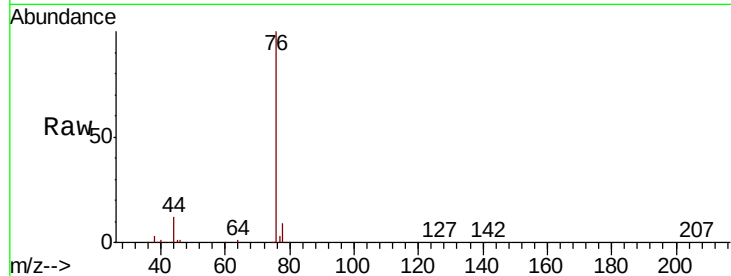




#17
Carbon Disulfide
Concen: 17.674 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

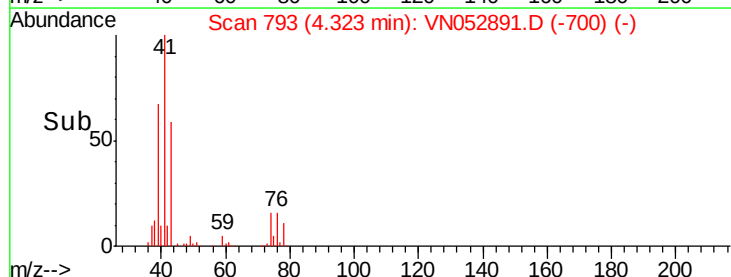
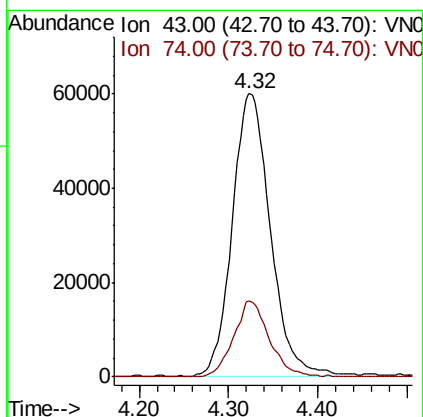
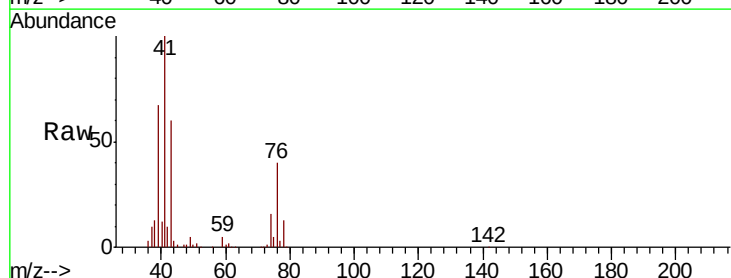
Instrument :
MSVOA_N
ClientSampleId :

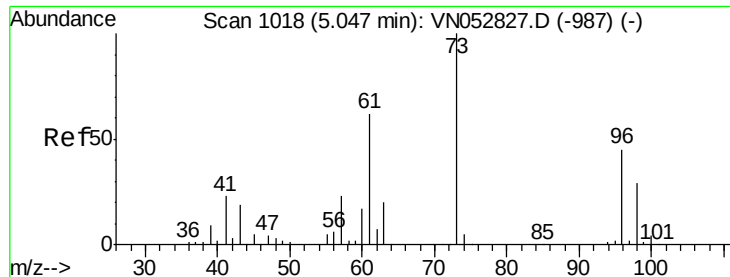
Tot Ion: 76 Resp: 570650
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 17.819 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 43 Resp: 178531
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8



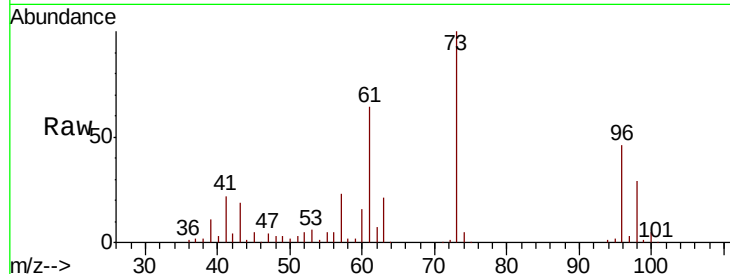


#19

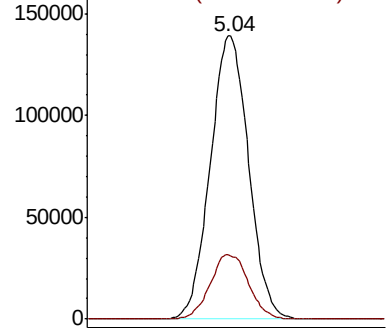
Methyl tert-butyl Ether
 Concen: 18.184 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Instrument :
 MSVOA_N
 ClientSampled :

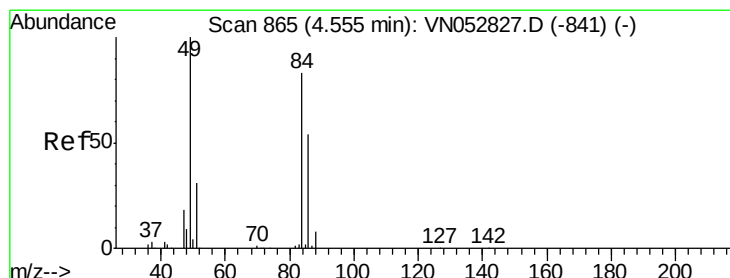
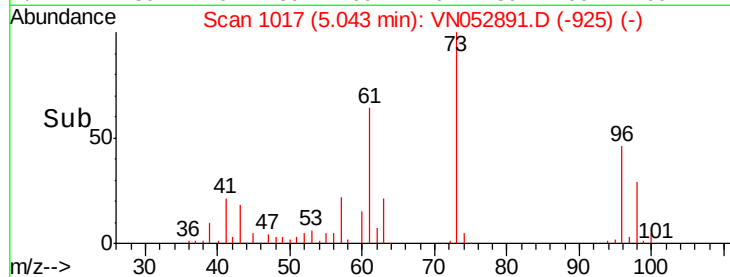
Tot Ion: 73 Resp: 518857
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN052827.D (-987) (-)
 Ion 57.00 (56.70 to 57.70): VN052827.D (-987) (-)



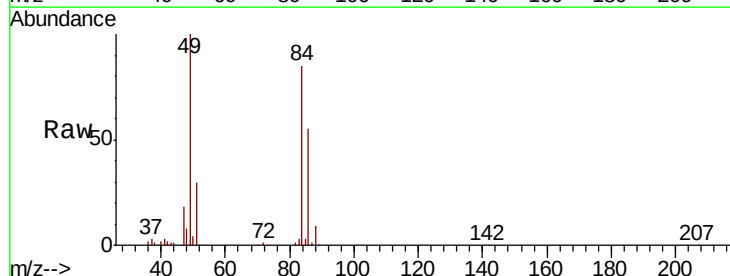
Time-->



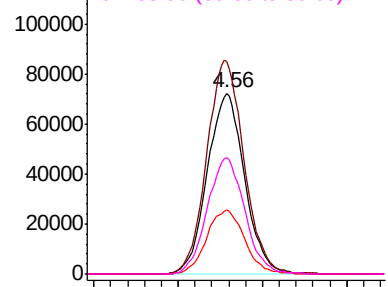
#20

Methylene Chloride
 Concen: 18.081 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

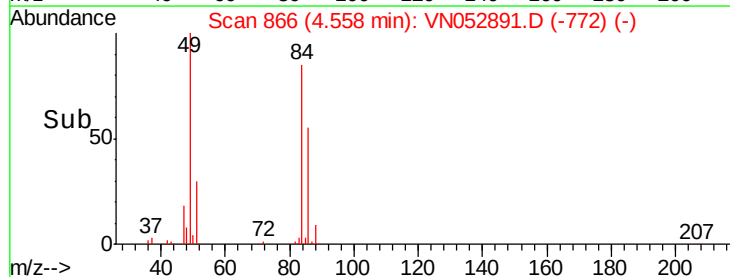
Tgt Ion: 84 Resp: 222145
 Ion Ratio Lower Upper
 84 100
 49 117.7 96.8 145.2
 51 35.6 29.9 44.9
 86 64.4 51.8 77.6

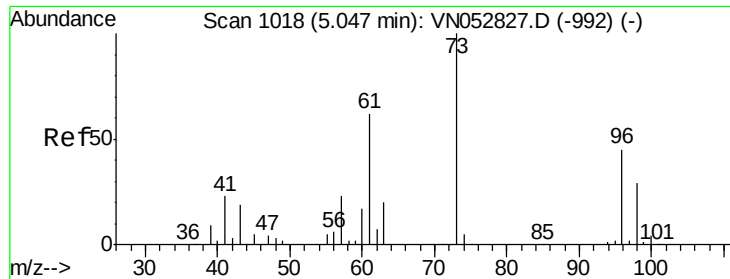


Abundance Ion 83.90 (83.60 to 84.60): VN052827.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN052827.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN052827.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN052827.D (-841) (-)



Time-->

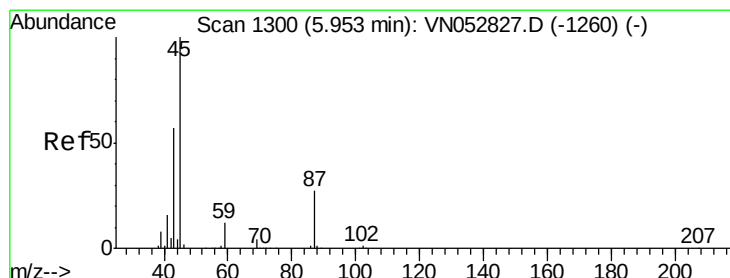
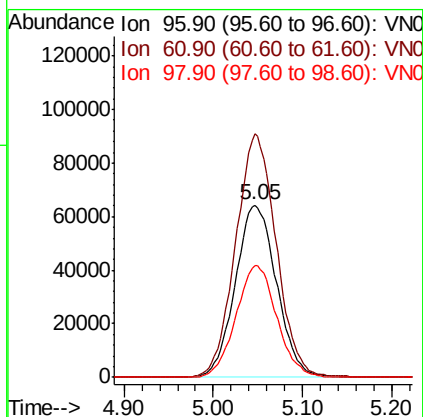
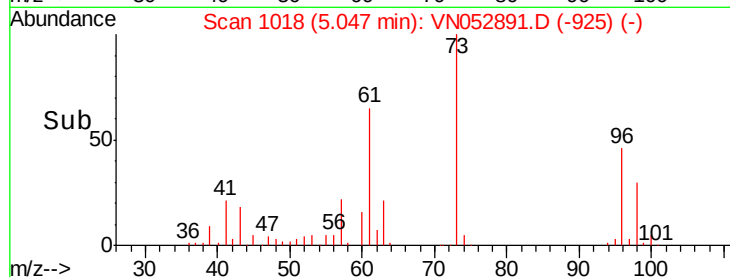
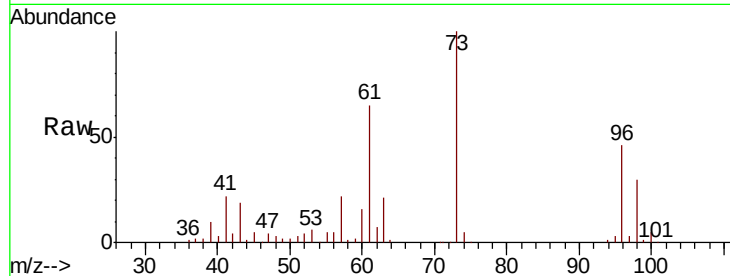




#21
trans-1,2-Dichloroethene
Concen: 18.134 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

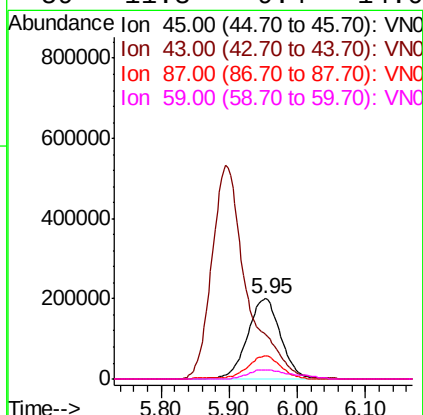
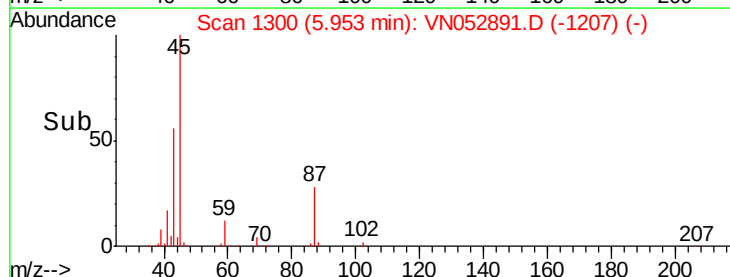
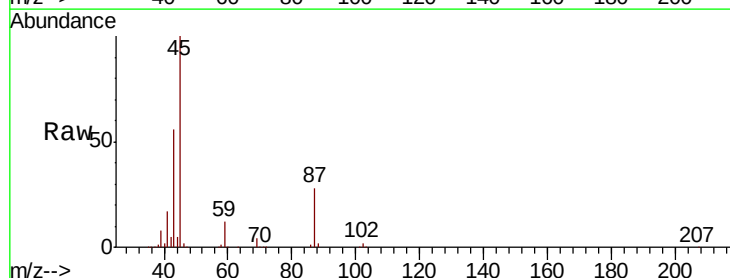
Instrument :
MSVOA_N
ClientSampled :

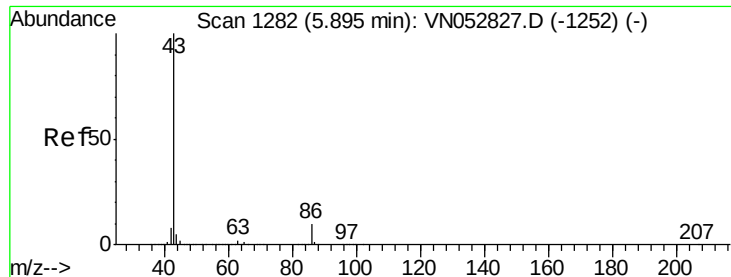
Tot Ion: 96 Resp: 206496
Ion Ratio Lower Upper
96 100
61 141.0 110.8 166.2
98 64.8 51.4 77.2



#22
Diisopropyl ether
Concen: 18.451 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 45 Resp: 675762
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 28.2 22.0 33.0
59 11.3 9.4 14.0





#23

Vinyl Acetate

Concen: 86.800 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

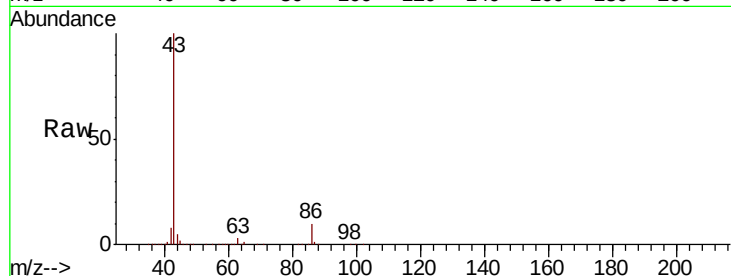
ClientSampled :

Tot Ion: 43 Resp: 1891620

Ion Ratio Lower Upper

43 100

86 10.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN052827.D (-1252) (-)

5.90

600000

500000

400000

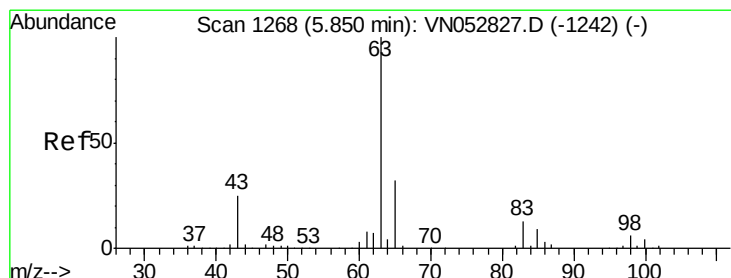
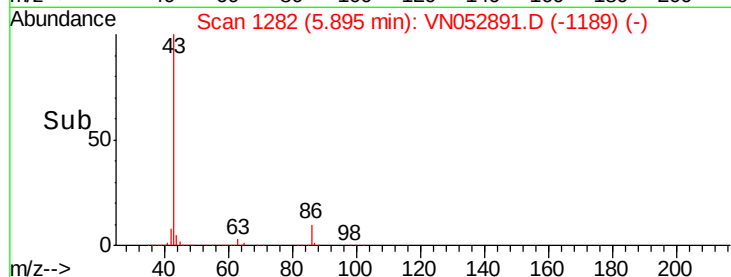
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.501 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

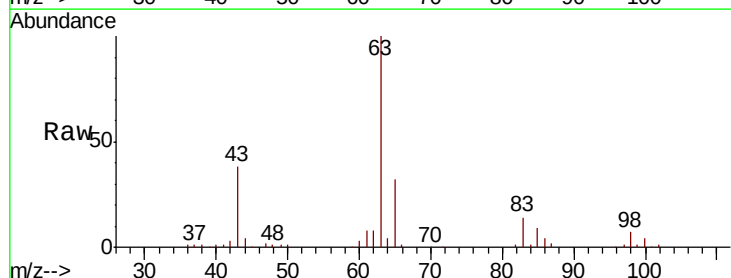
Tgt Ion: 63 Resp: 390751

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN052827.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN052827.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN052827.D (-1242) (-)

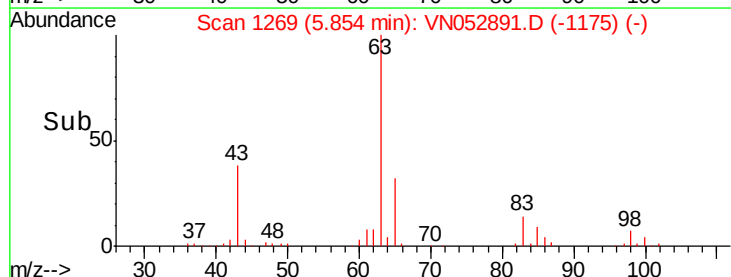
150000

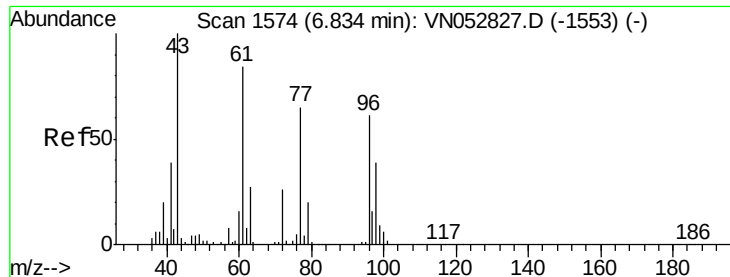
100000

50000

0

Time-->

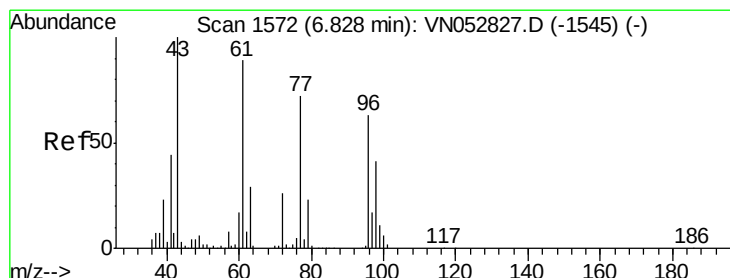
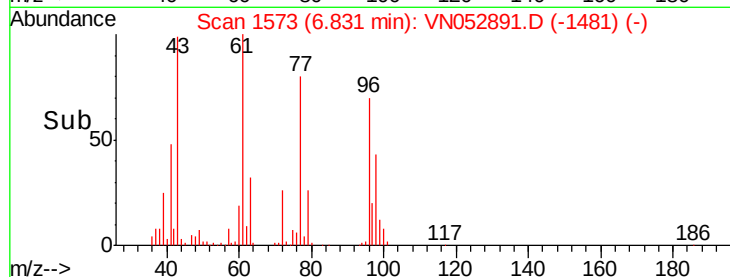
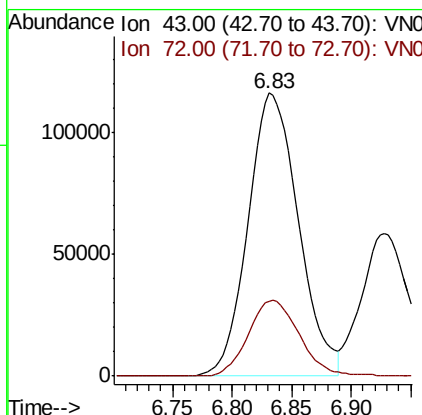
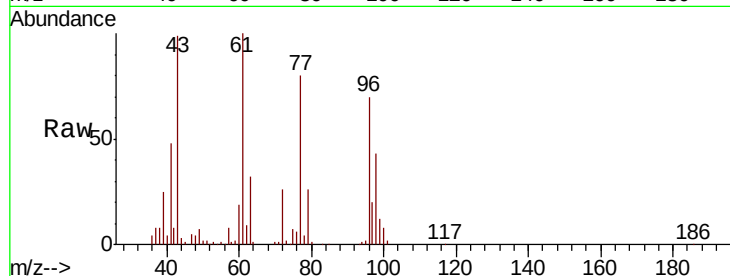




#25
2-Butanone
Concen: 80.015 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

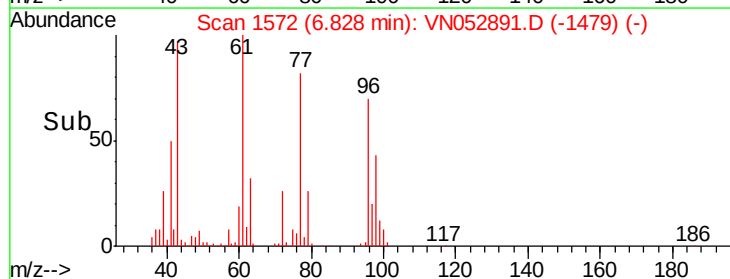
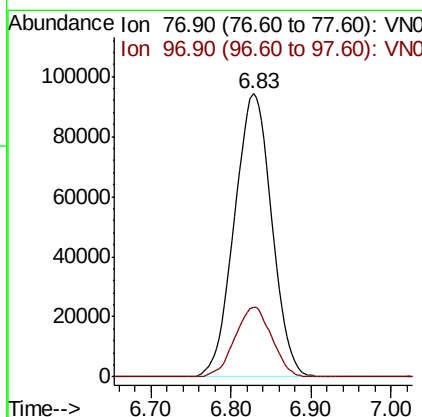
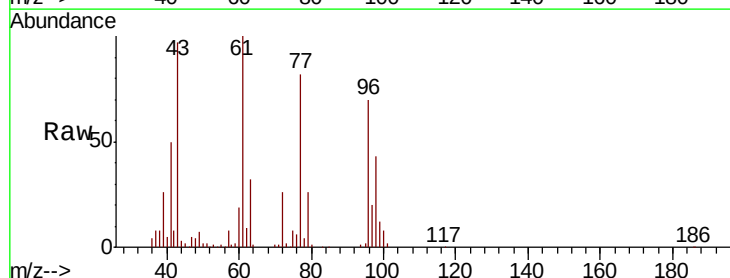
Instrument :
MSVOA_N
ClientSampled :

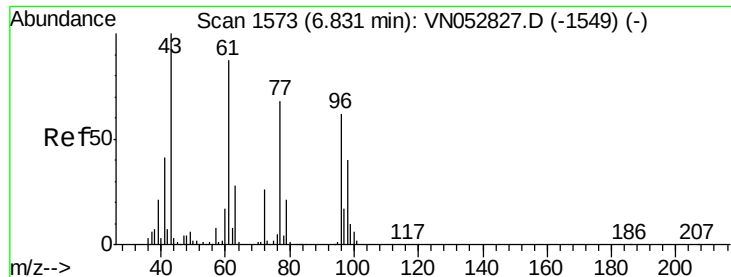
Tot Ion: 43 Resp: 338947
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 19.181 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 77 Resp: 298328
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 18.545 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :
MSVOA_N
ClientSampled :

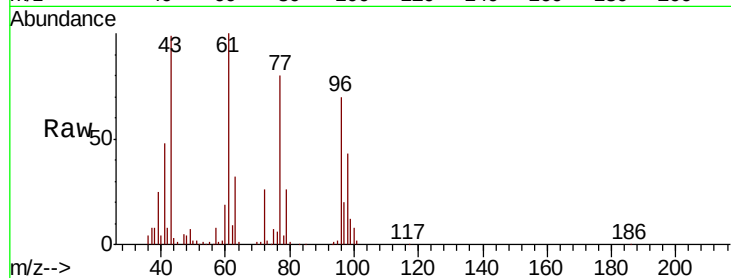
Tot Ion: 96 Resp: 239675

Ion Ratio Lower Upper

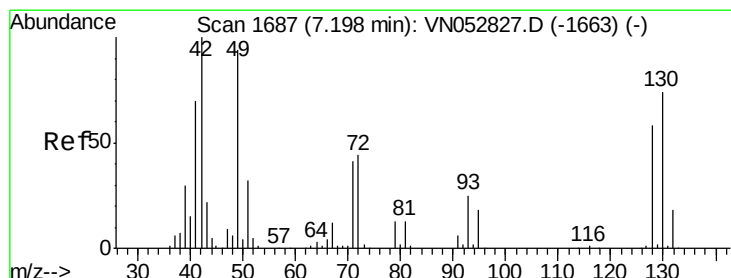
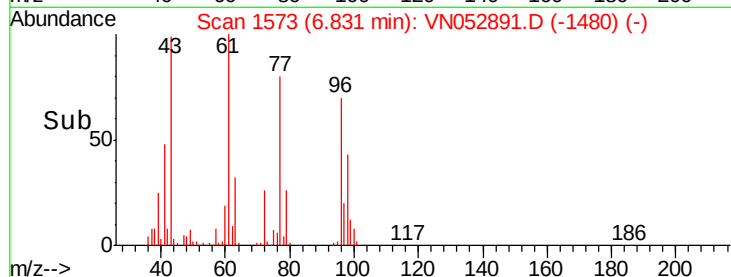
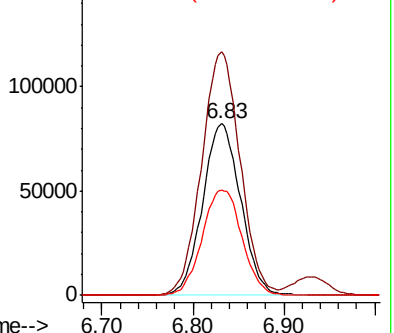
96 100

61 143.5 0.0 284.2

98 64.2 0.0 129.2



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



#28

Bromochloromethane

Concen: 19.814 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

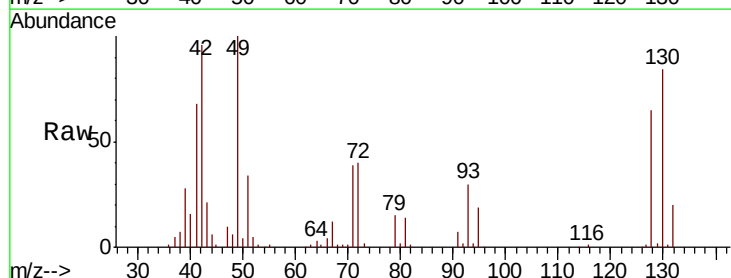
Tgt Ion: 49 Resp: 187913

Ion Ratio Lower Upper

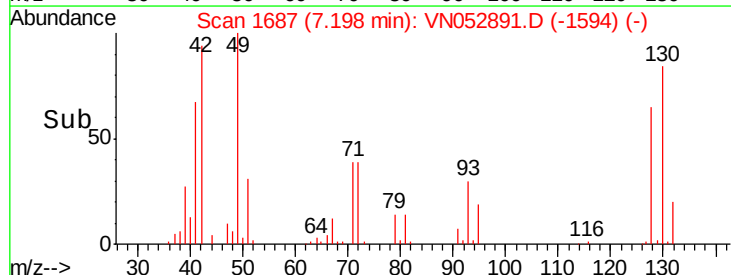
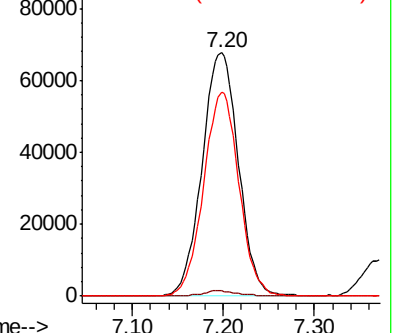
49 100

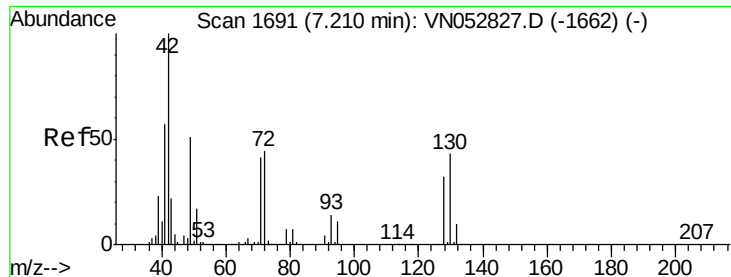
129 2.0 0.0 4.0

130 81.6 63.3 94.9



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

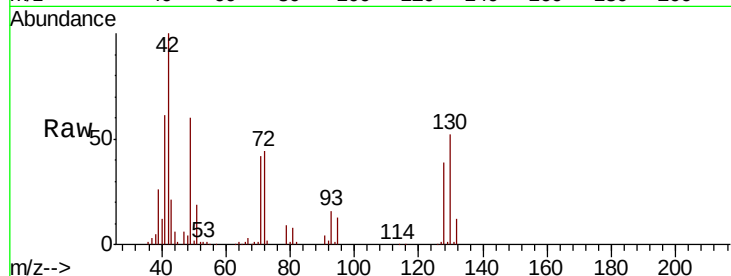




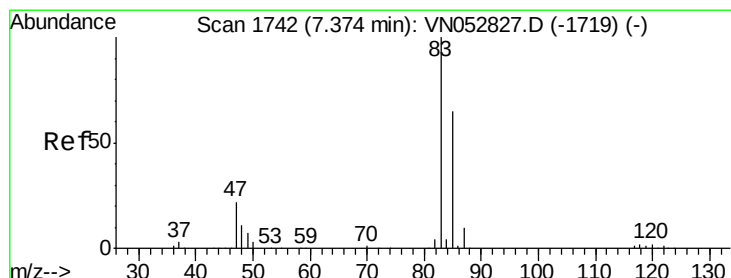
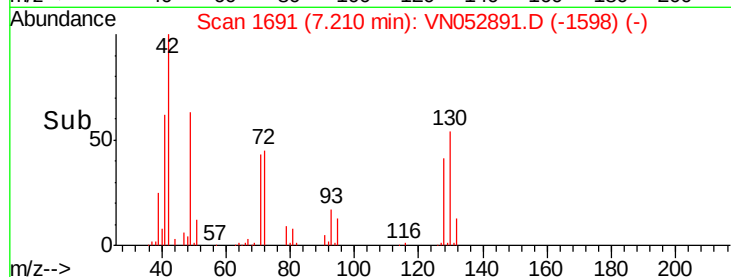
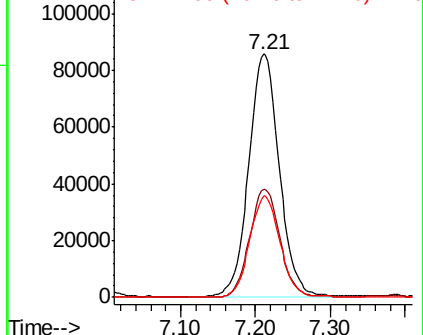
#29
Tetrahydrofuran
Concen: 85.078 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 246036
Ion Ratio Lower Upper
42 100
72 43.6 34.7 52.1
71 41.1 32.3 48.5

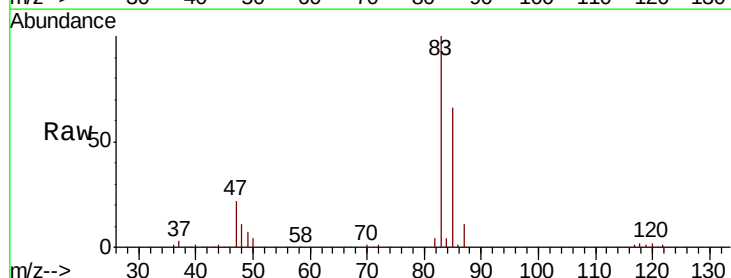


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

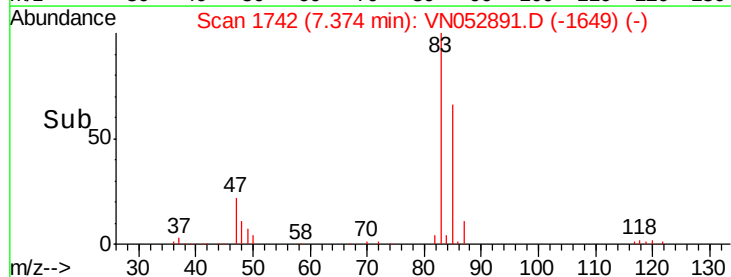
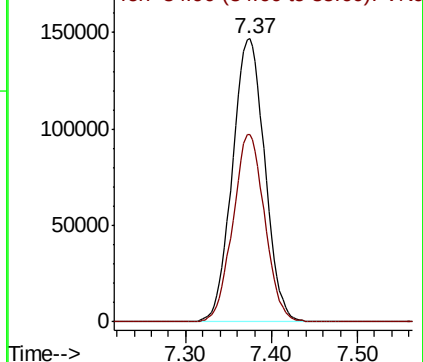


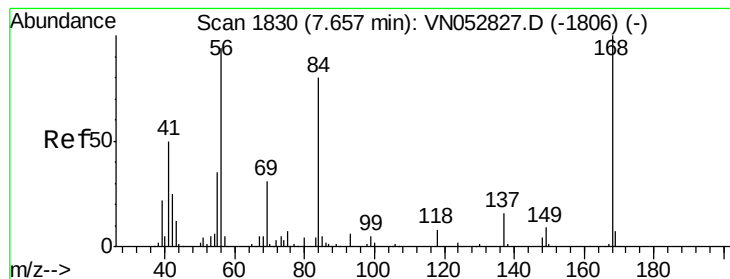
#30
Chloroform
Concen: 18.636 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 83 Resp: 383829
Ion Ratio Lower Upper
83 100
85 66.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.204 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :
MSVOA_N
ClientSampled :

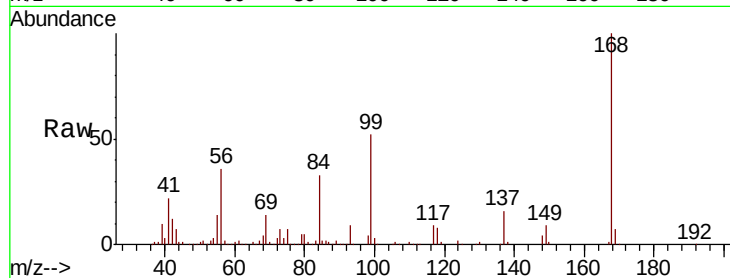
Tot Ion: 56 Resp: 382569

Ion Ratio Lower Upper

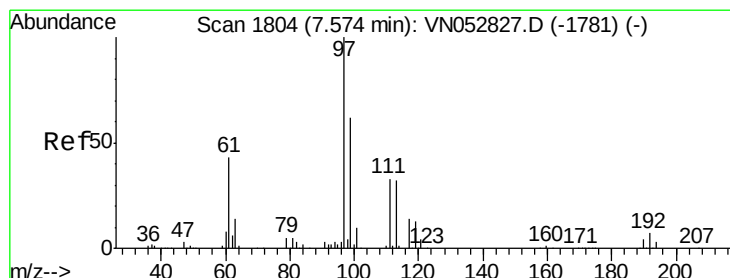
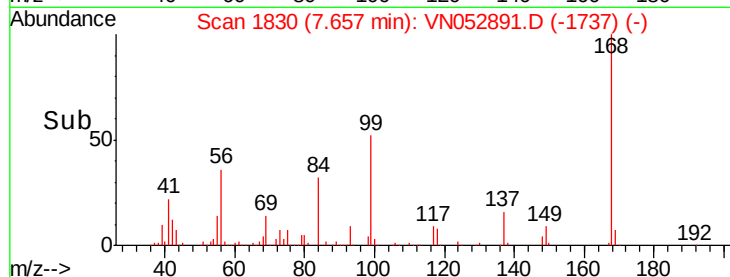
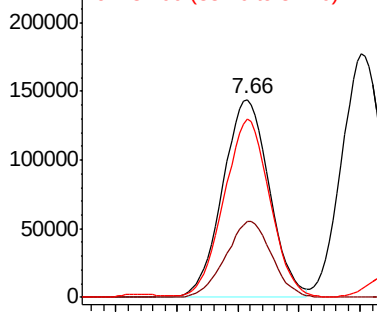
56 100

69 38.1 26.6 39.8

84 88.9 68.4 102.6



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



#32

1,1,1-Trichloroethane

Concen: 18.807 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

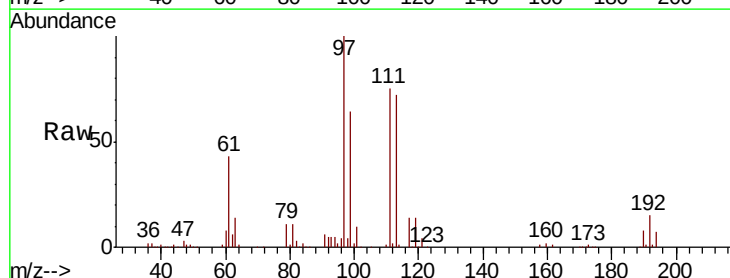
Tgt Ion: 97 Resp: 324085

Ion Ratio Lower Upper

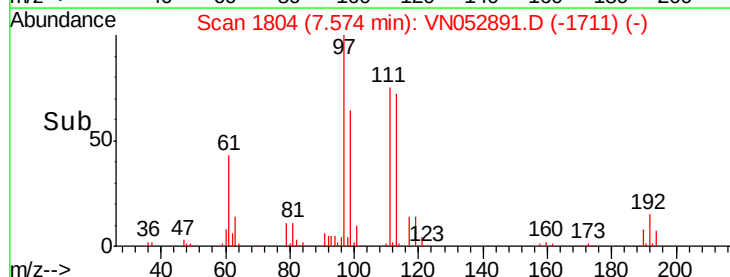
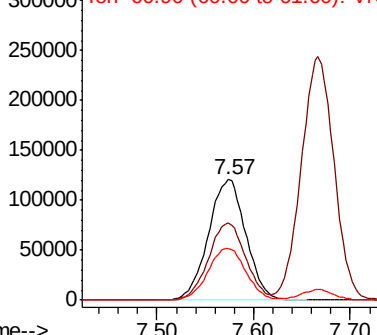
97 100

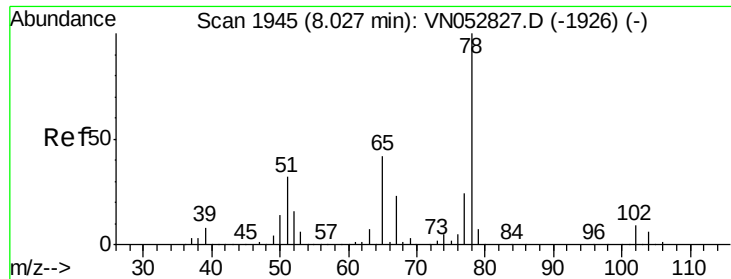
99 63.6 51.1 76.7

61 43.6 35.0 52.6



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

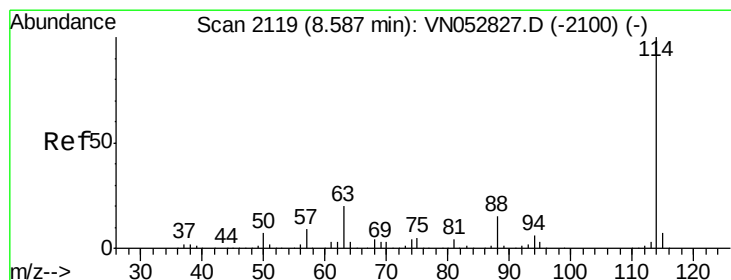
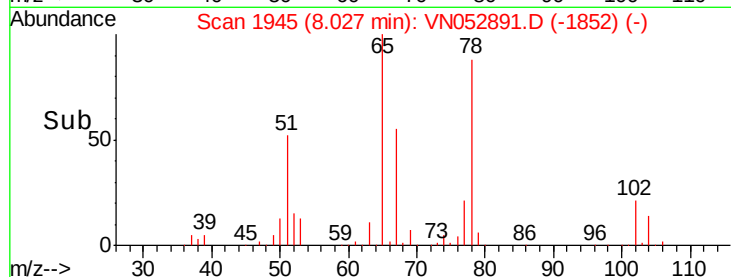
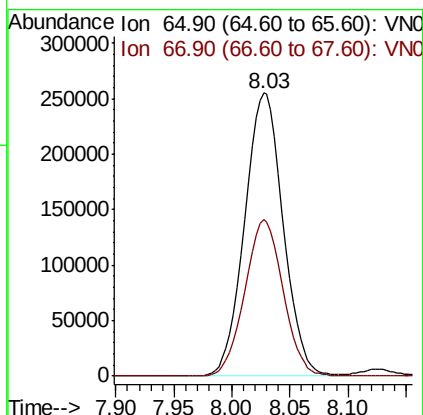
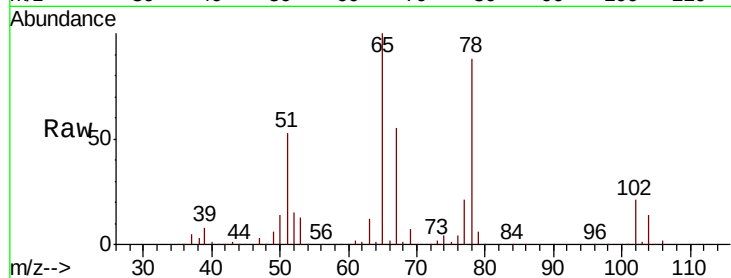




#33
 1,2-Dichloroethane-d4
 Concen: 18.807 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

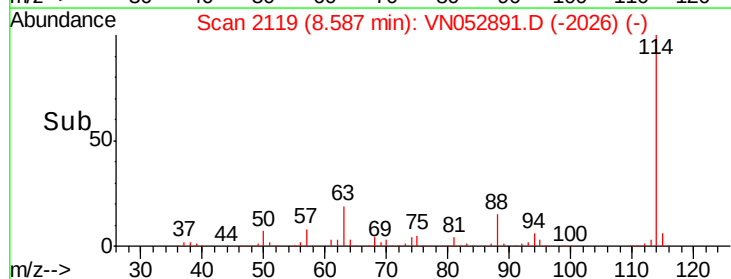
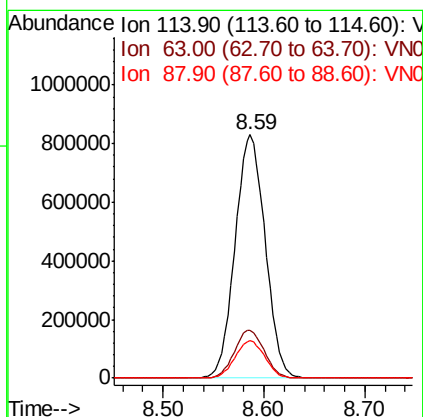
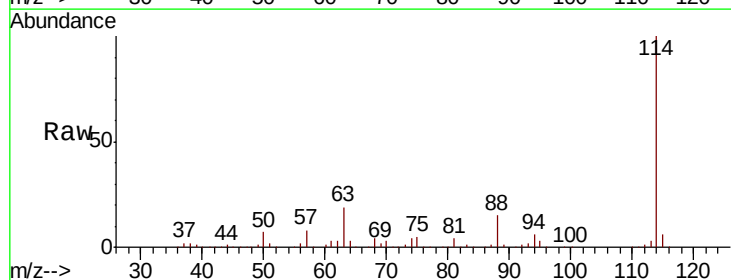
Instrument :
 MSVOA_N
 ClientSampleId :

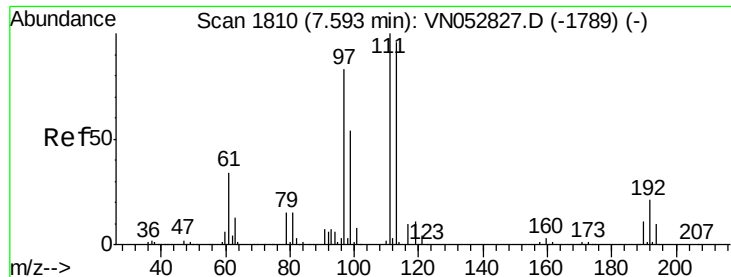
Tot Ion: 65 Resp: 590565
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion: 114 Resp: 1717825
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.3 0.0 31.0

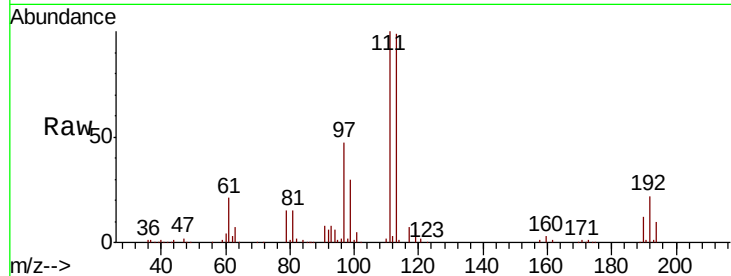




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.4
192	22.1	17.5	26.3

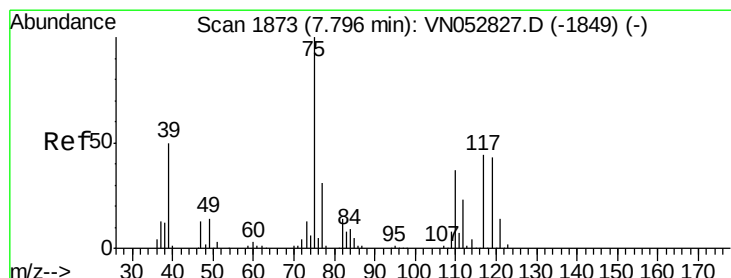
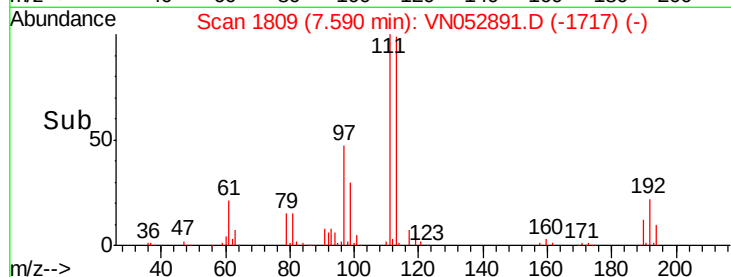
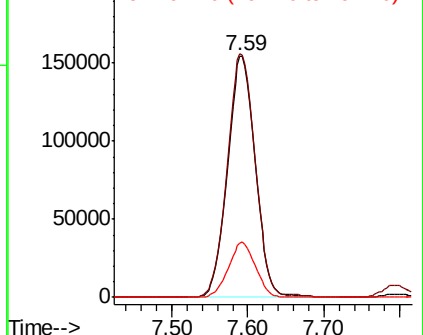


Abundance

Ion 112.80 (112.50 to 113.50): V

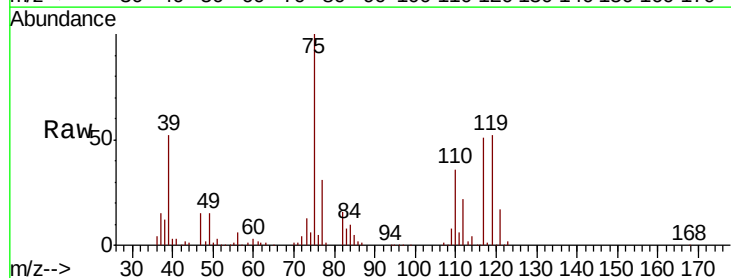
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.220 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.2	54.6
77	30.9	24.9	37.3

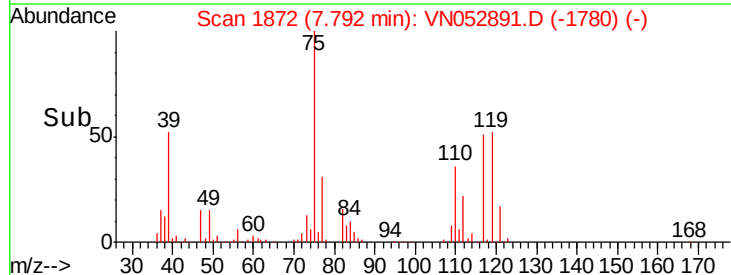
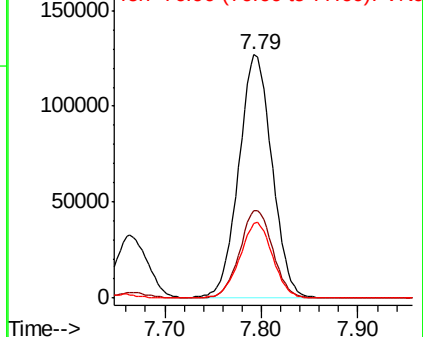


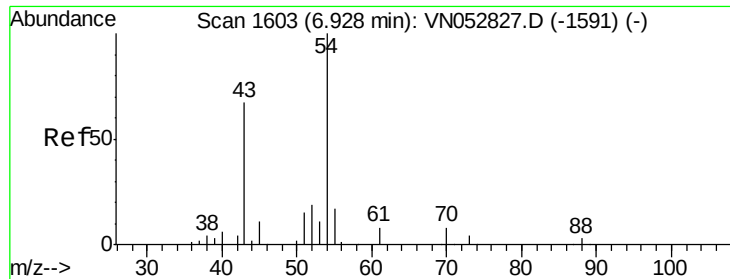
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

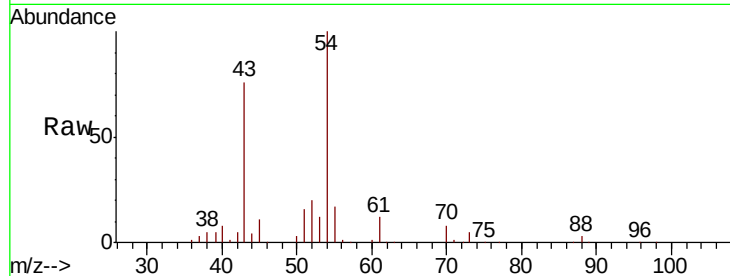




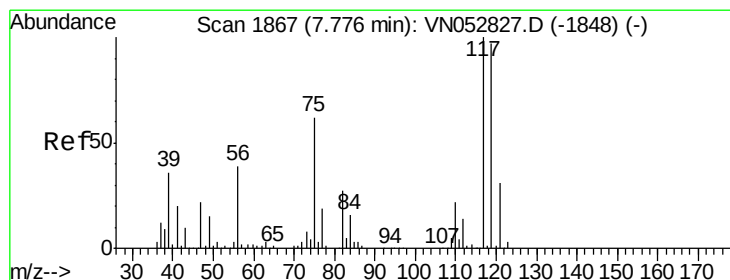
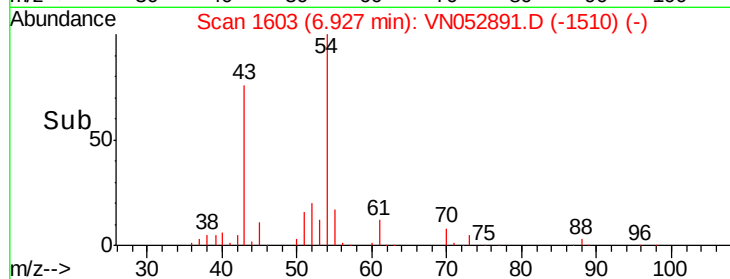
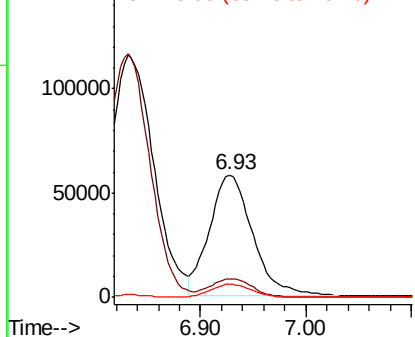
#37
Ethyl Acetate
Concen: 17.350 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 164874
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 10.7 8.4 12.6

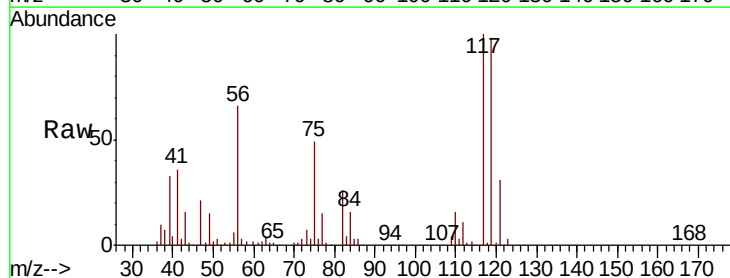


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

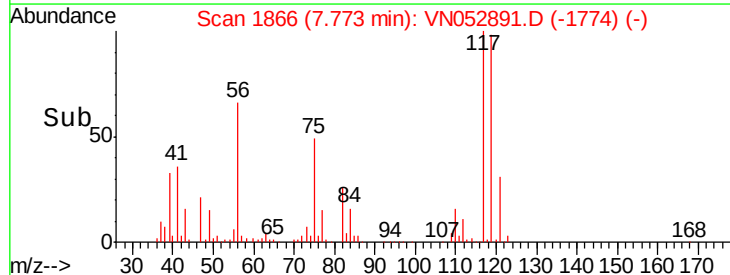
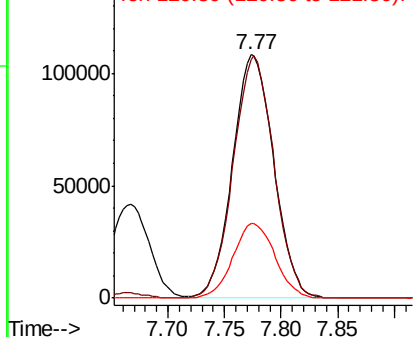


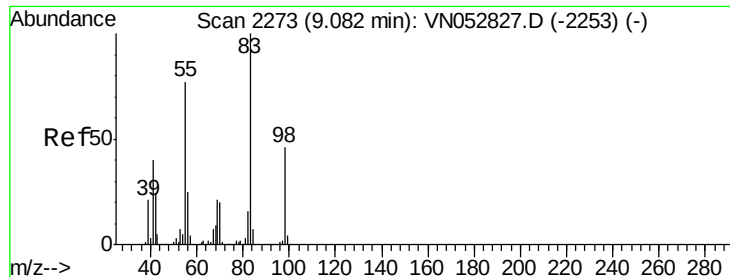
#38
Carbon Tetrachloride
Concen: 18.888 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 117 Resp: 275012
Ion Ratio Lower Upper
117 100
119 97.8 77.1 115.7
121 30.8 24.9 37.3



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

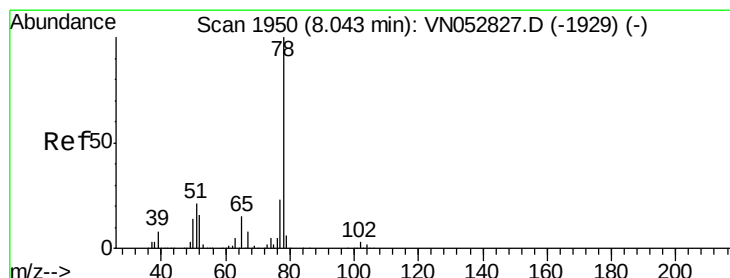
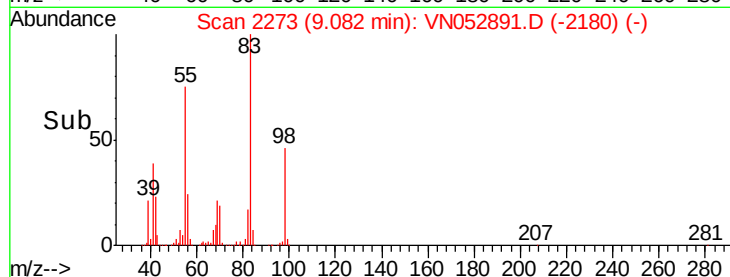
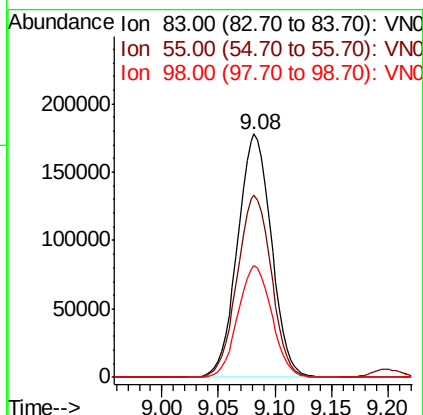
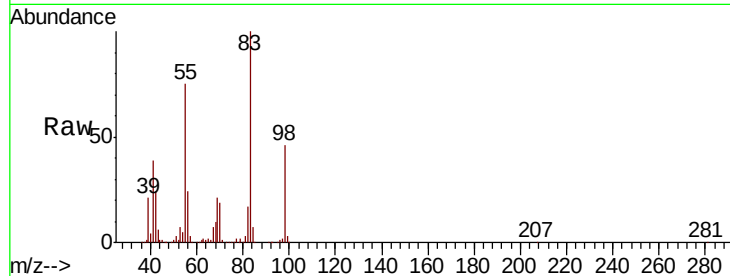




#39
Methylvlcyclohexane
Concen: 19.130 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

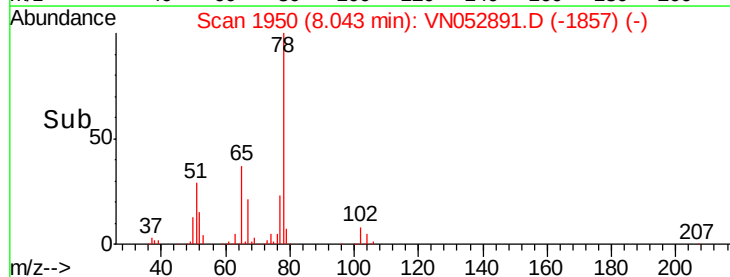
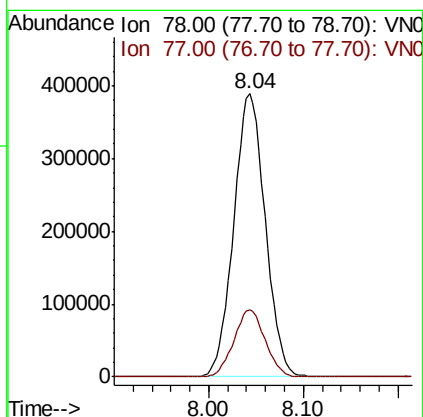
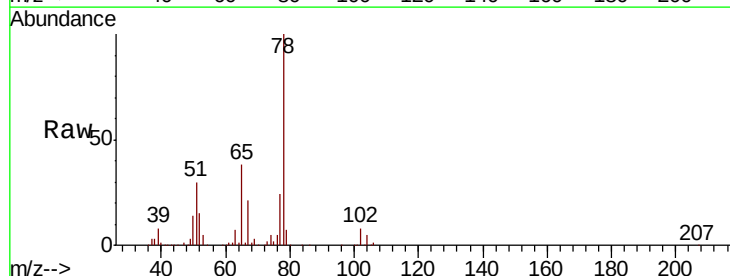
Instrument :
MSVOA_N
ClientSampled :

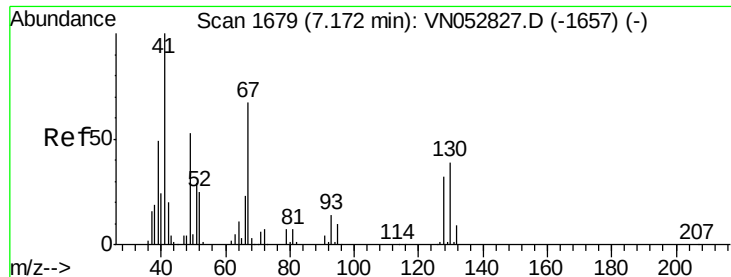
Tot Ion: 83 Resp: 371360
Ion Ratio Lower Upper
83 100
55 75.0 61.3 91.9
98 46.0 37.0 55.4



#40
Benzene
Concen: 18.959 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 78 Resp: 900132
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7

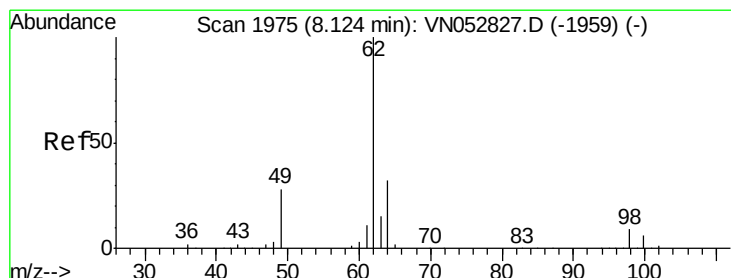
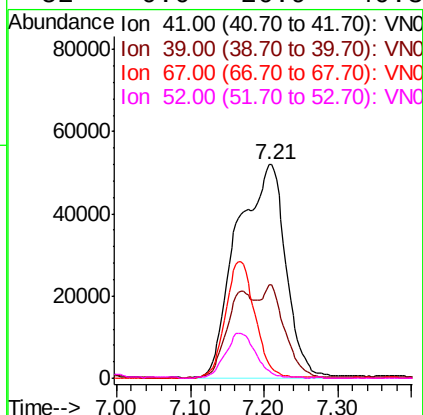
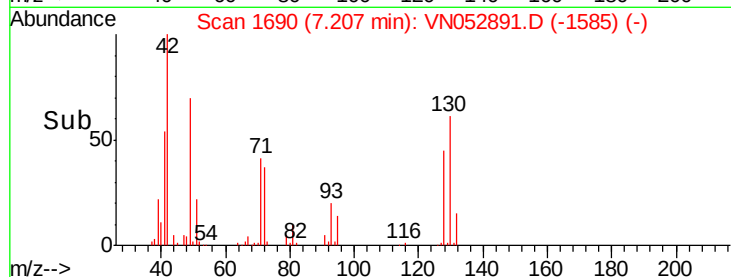
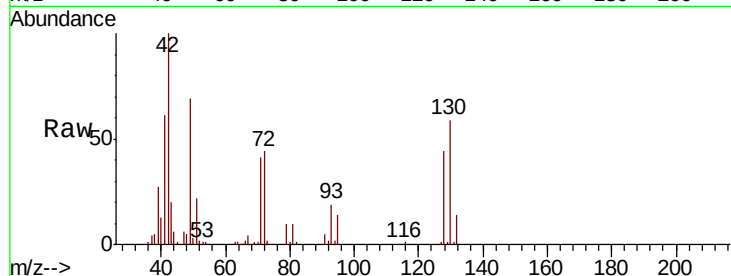




#41
Methacrylonitrile
Concen: 45.632 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.04 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

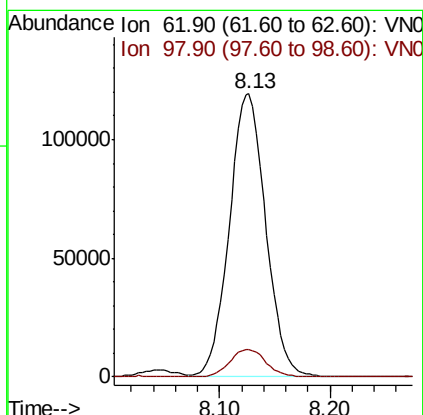
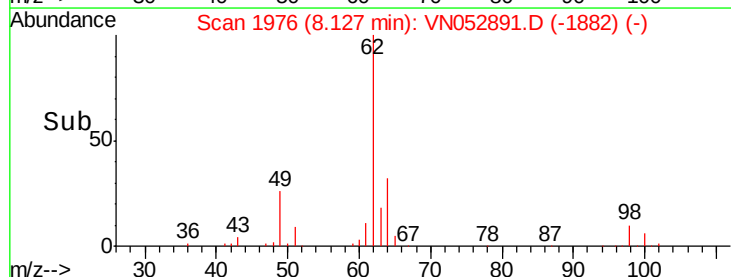
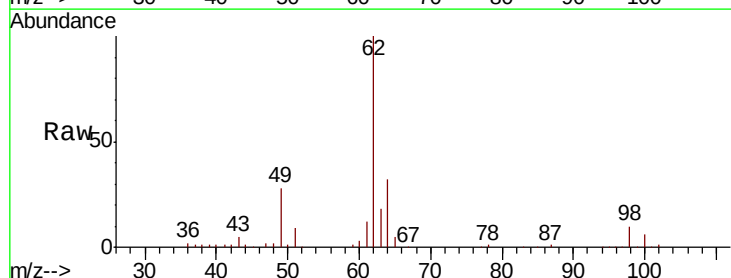
Instrument :
MSVOA_N
ClientSampleId :

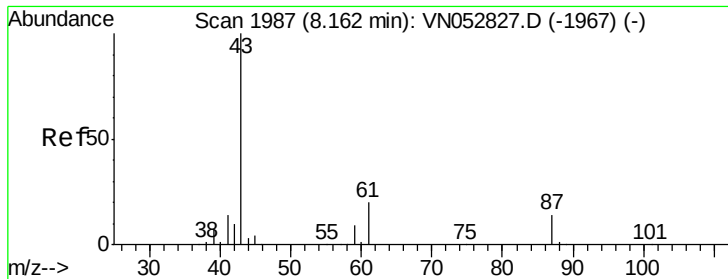
Tot Ion: 41 Resp: 240268
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 70.3 105.5#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 18.972 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 62 Resp: 271179
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0





#43

Isopropyl Acetate

Concen: 16.377 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

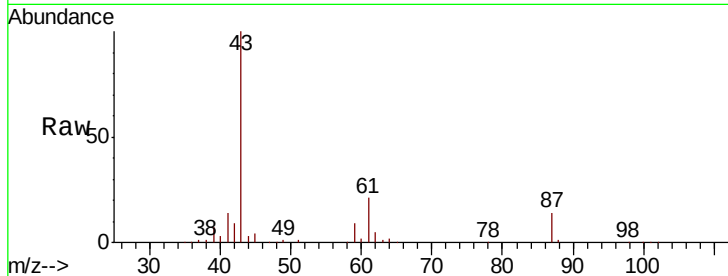
Tot Ion: 43 Resp: 319078

Ion Ratio Lower Upper

43 100

61 28.3 22.9 34.3

87 13.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)

8.16

150000

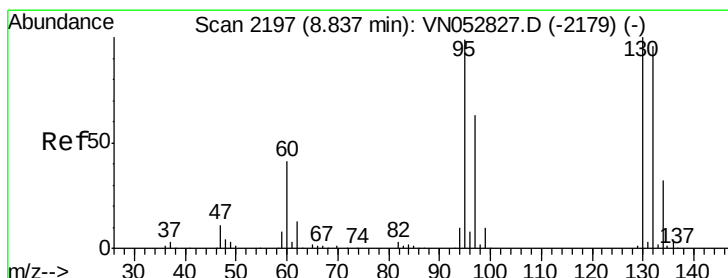
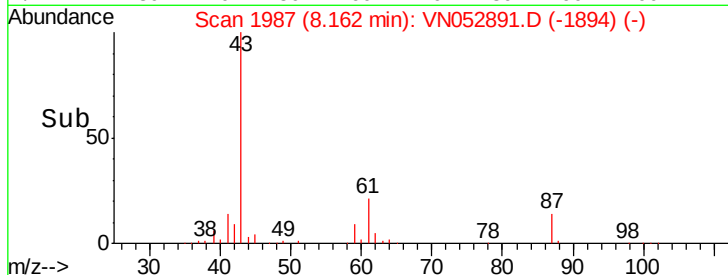
100000

50000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 20.645 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052891.D

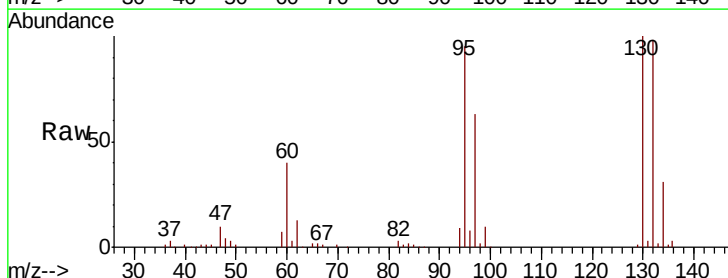
Acq: 14 Dec 2018 16:25

Tgt Ion:130 Resp: 264760

Ion Ratio Lower Upper

130 100

95 95.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052827.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052827.D (-2179) (-)

150000

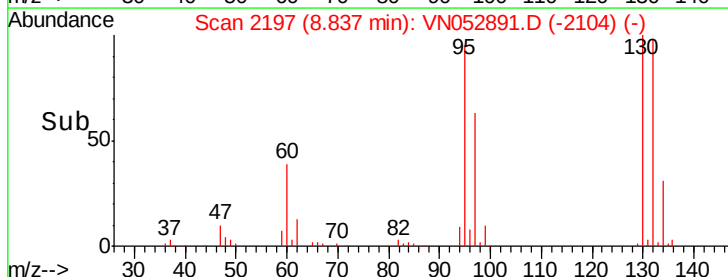
100000

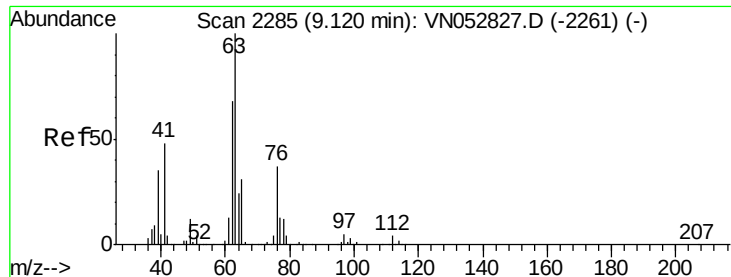
50000

0

8.75 8.80 8.85 8.90 8.95

Time-->





#45

1,2-Dichloropropane

Concen: 18.931 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

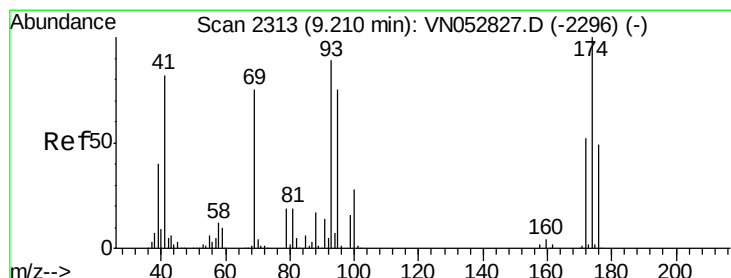
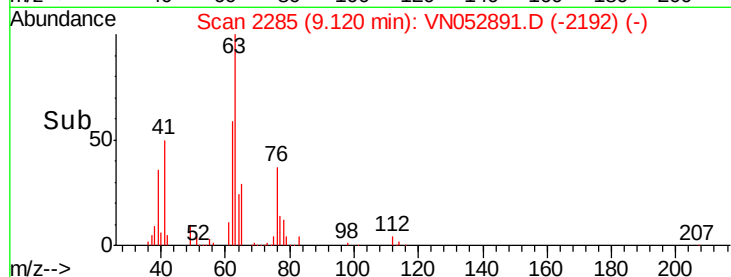
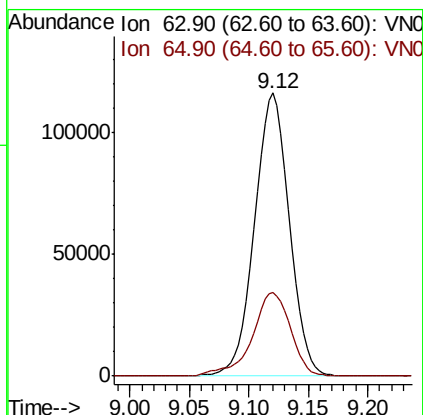
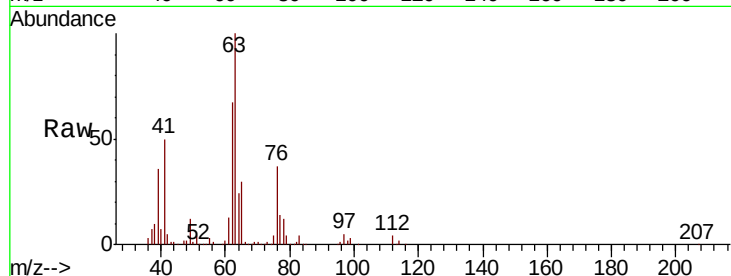
ClientSampled :

Tot Ion: 63 Resp: 235418

Ion Ratio Lower Upper

63 100

65 29.7 24.6 37.0



#46

Dibromomethane

Concen: 18.443 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

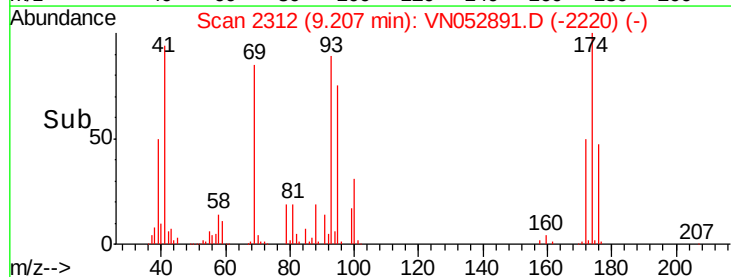
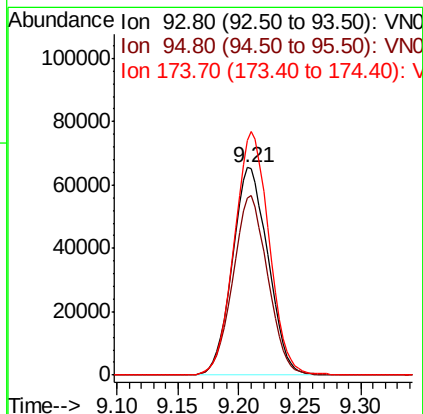
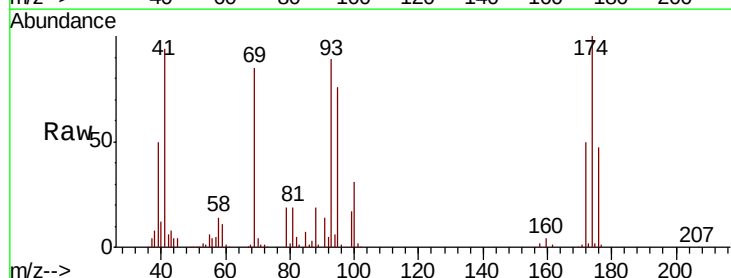
Tgt Ion: 93 Resp: 133015

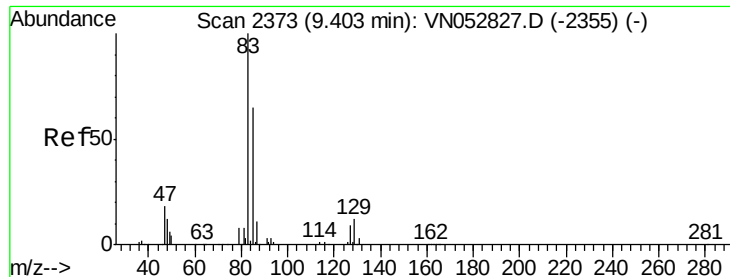
Ion Ratio Lower Upper

93 100

95 84.4 67.8 101.6

174 114.2 89.0 133.4





#47

Bromodichloromethane

Concen: 19.053 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

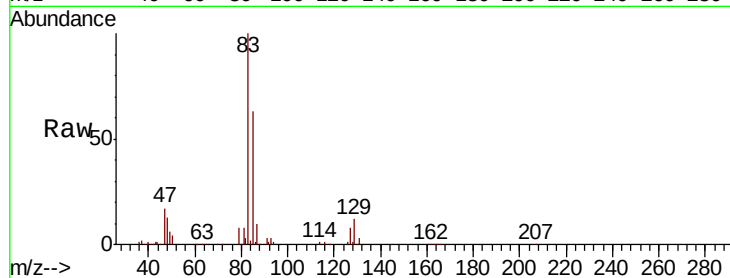
Tot Ion: 83 Resp: 284951

Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4

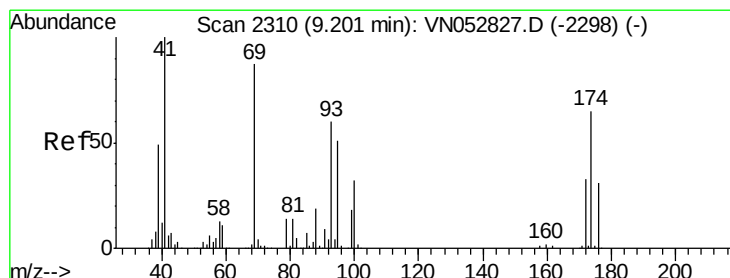
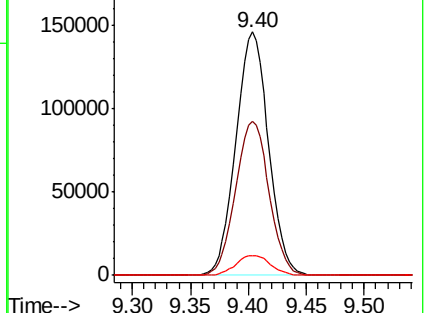
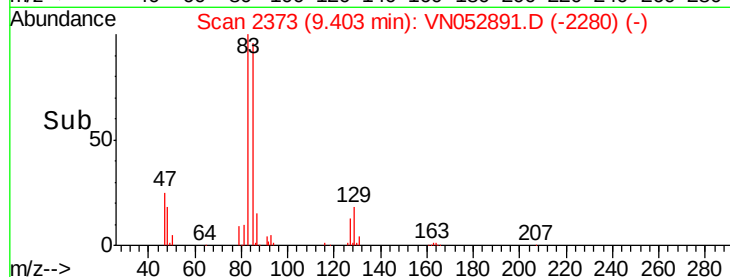
127 8.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN052891.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052891.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052891.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.178 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

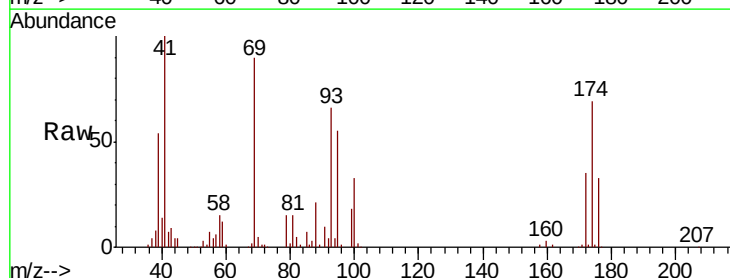
Tgt Ion: 41 Resp: 155323

Ion Ratio Lower Upper

41 100

69 92.2 72.2 108.2

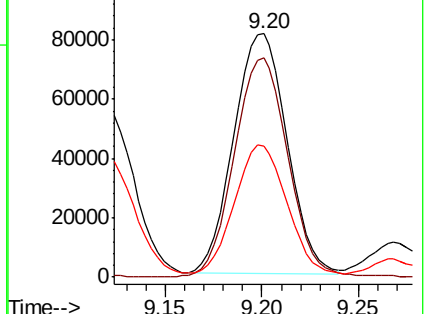
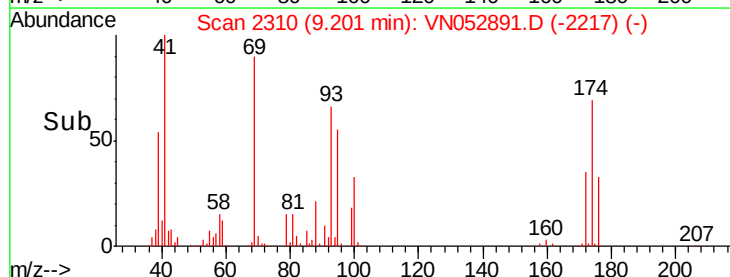
39 55.1 41.9 62.9

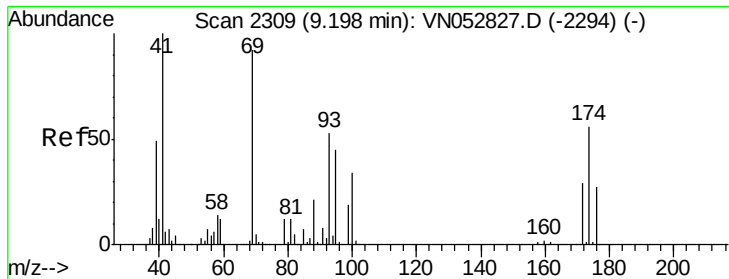


Abundance Ion 41.00 (40.70 to 41.70): VN052891.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN052891.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN052891.D (-2217) (-)

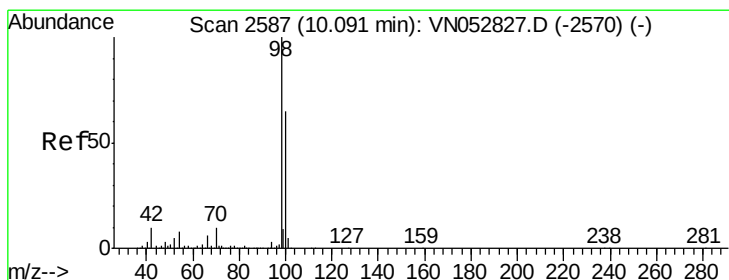
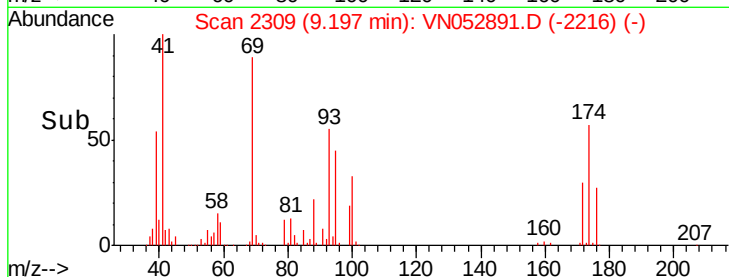
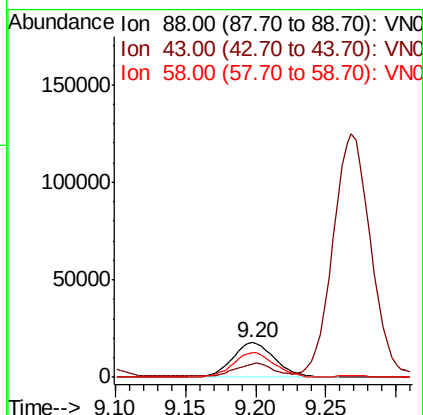
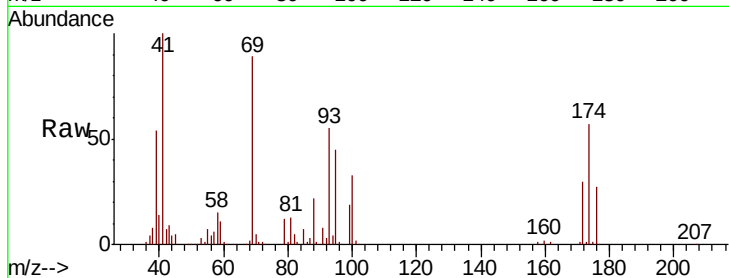




#49
1,4-Dioxane
Concen: 388.176 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

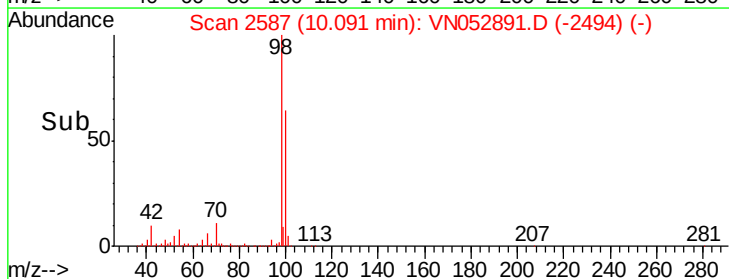
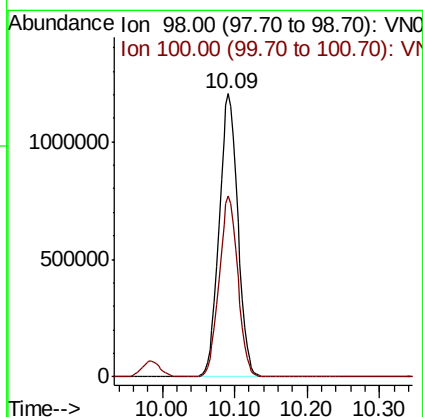
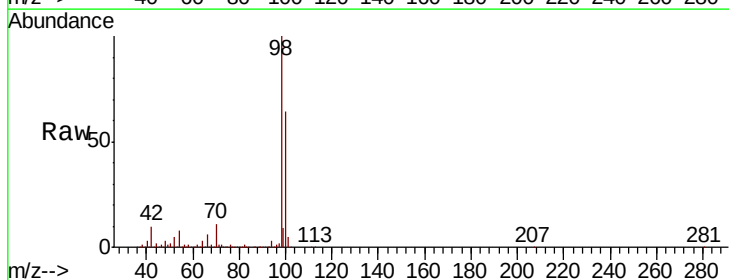
Instrument :
MSVOA_N
ClientSampleId :

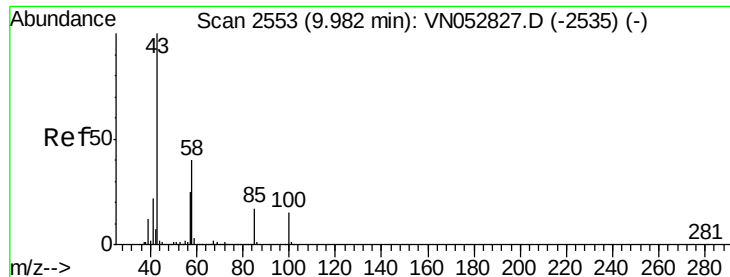
Tot Ion: 88 Resp: 37648
Ion Ratio Lower Upper
88 100
43 33.2 26.6 40.0
58 69.3 58.4 87.6



#50
Toluene-d8
Concen: 388.176 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 98 Resp: 2139322
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 89.856 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

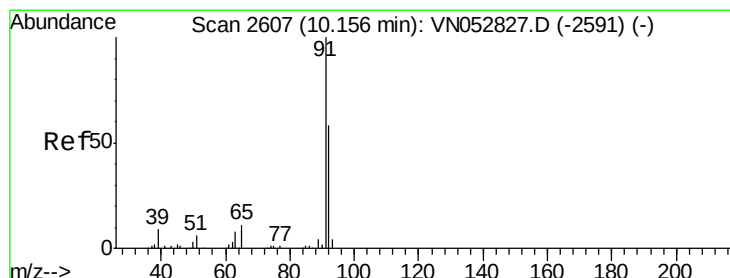
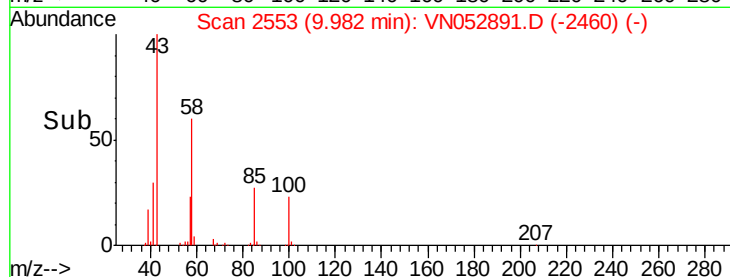
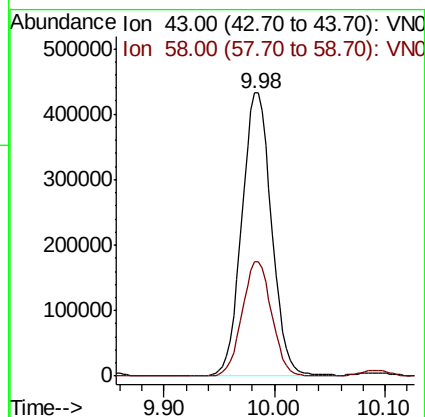
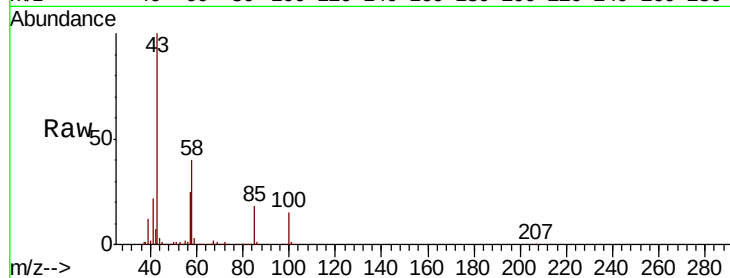
ClientSampleId :

Tot Ion: 43 Resp: 802780

Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.4



#52

Toluene

Concen: 19.501 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052891.D

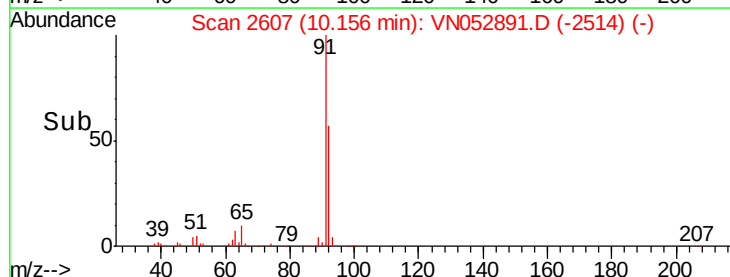
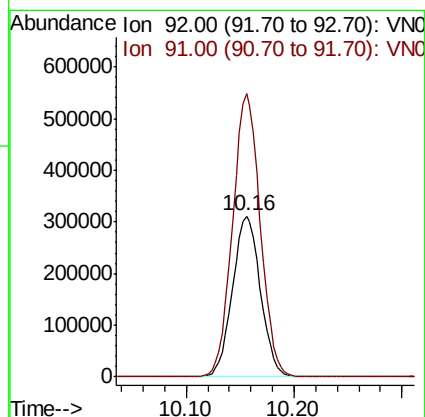
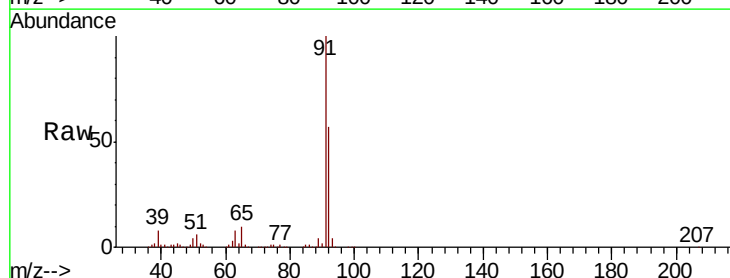
Acq: 14 Dec 2018 16:25

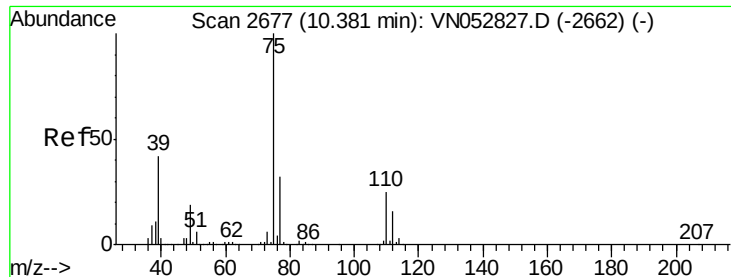
Tgt Ion: 92 Resp: 560774

Ion Ratio Lower Upper

92 100

91 174.8 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 18.854 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

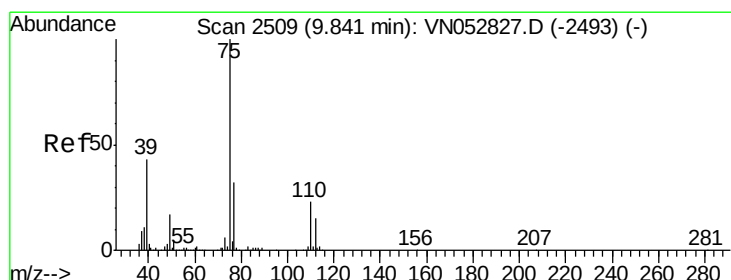
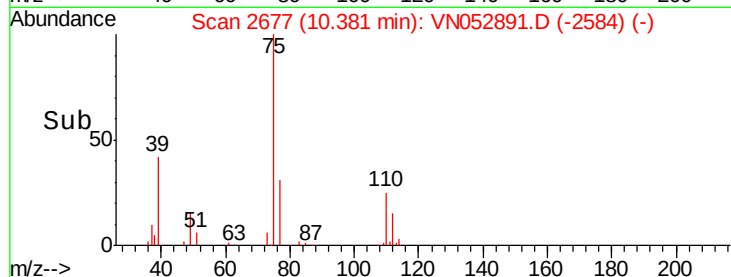
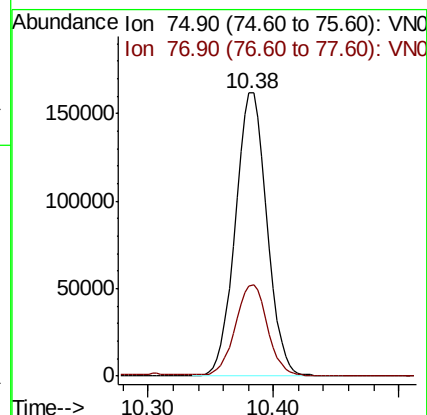
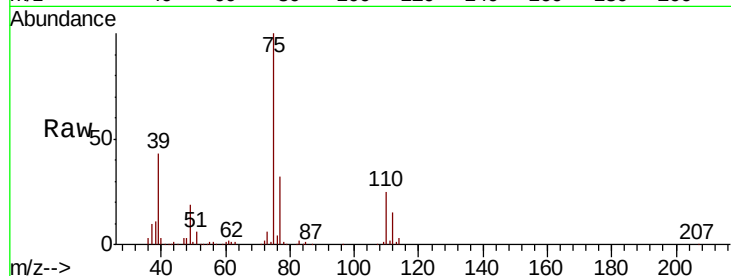
ClientSampleId :

Tot Ion: 75 Resp: 283744

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.129 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

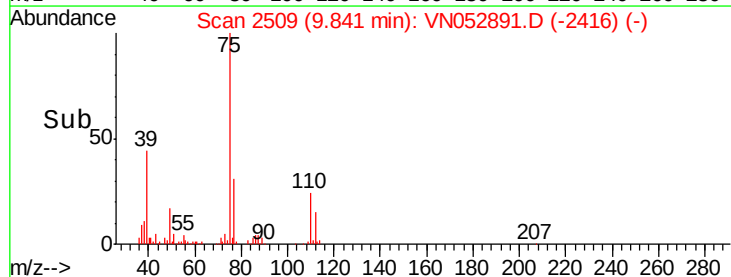
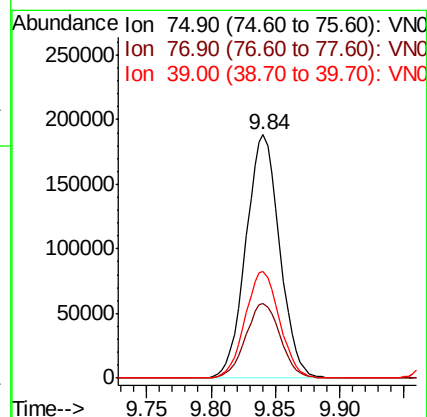
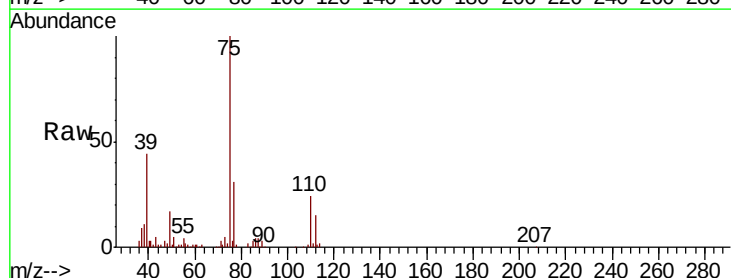
Tgt Ion: 75 Resp: 343056

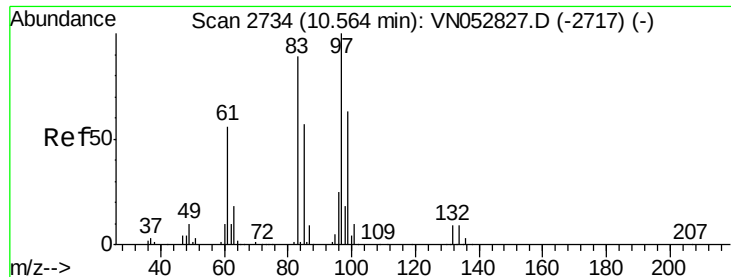
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8

39 43.7 34.8 52.2



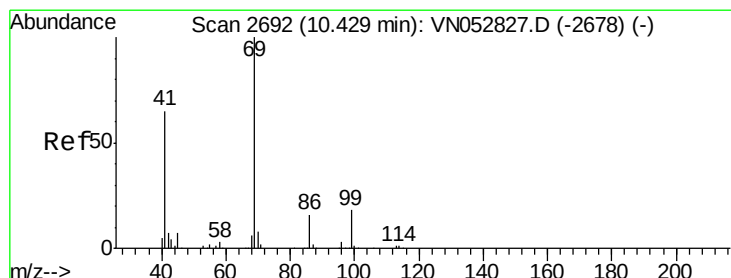
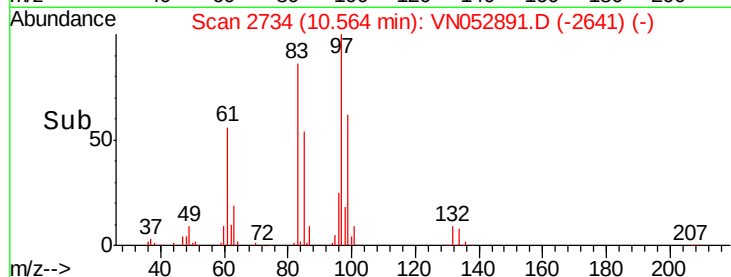
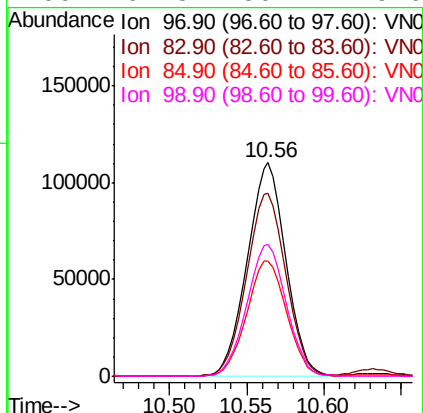
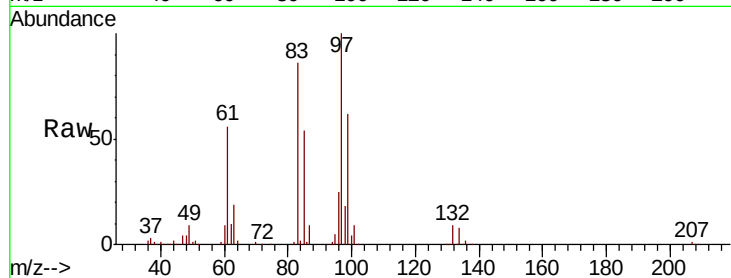


#55
 1,1,2-Trichloroethane
 Concen: 18.673 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 191675

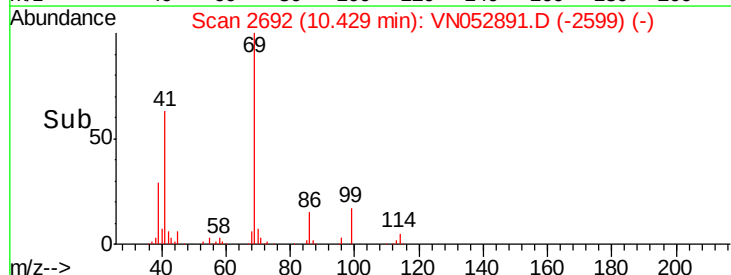
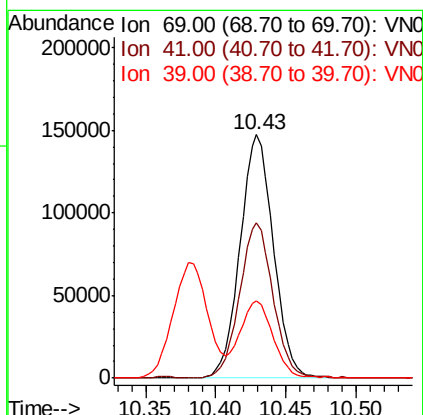
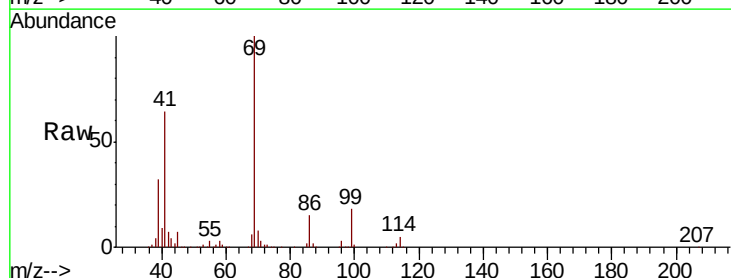
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.9	106.3
85	54.3	45.4	68.2
99	61.8	50.4	75.6

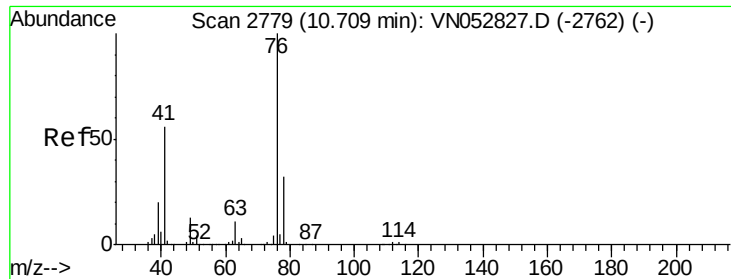


#56
 Ethyl methacrylate
 Concen: 18.551 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion: 69 Resp: 244376

Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.7	77.5
39	31.0	24.6	37.0





#57

1,3-Dichloropropane

Concen: 19.026 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

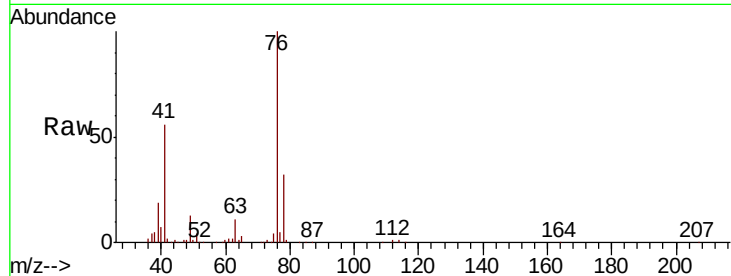
ClientSampled :

Tot Ion: 76 Resp: 334916

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

200000

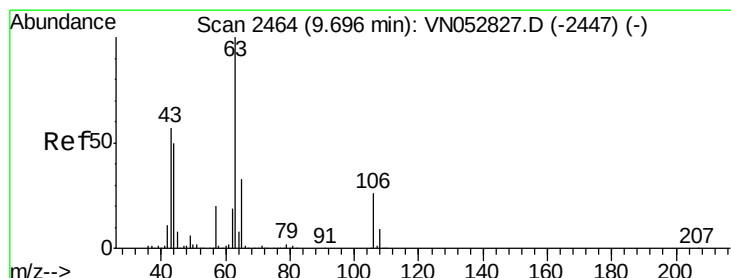
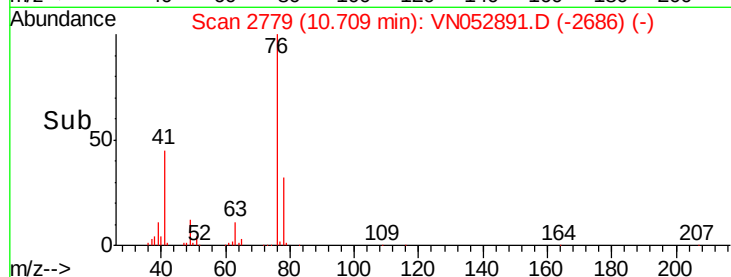
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 94.994 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052891.D

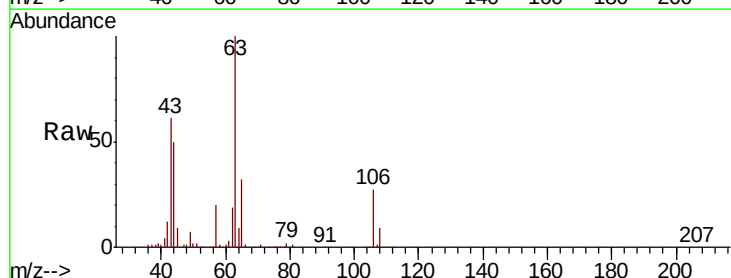
Acq: 14 Dec 2018 16:25

Tgt Ion: 63 Resp: 698258

Ion Ratio Lower Upper

63 100

106 27.1 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

400000

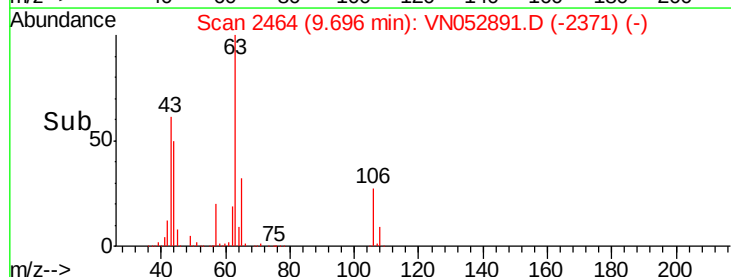
300000

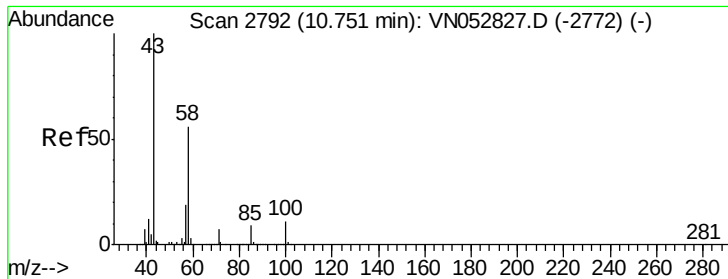
200000

100000

0

Time--> 9.60 9.65 9.70 9.75 9.80

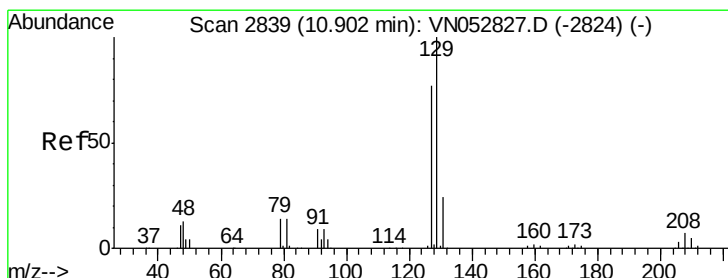
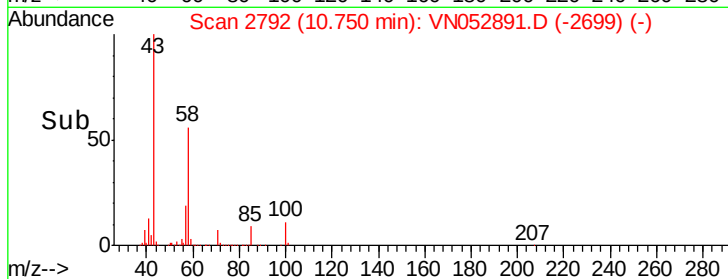
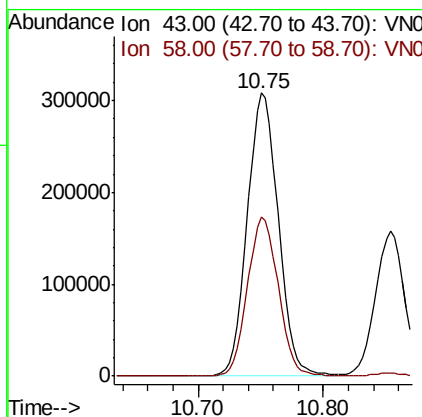
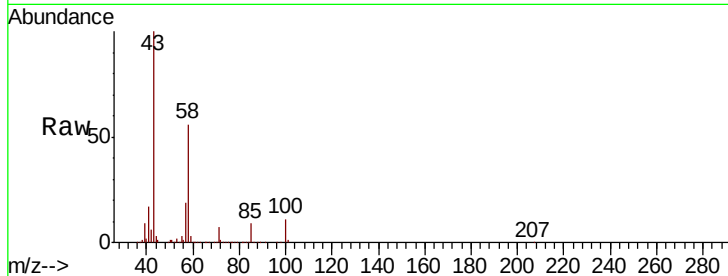




#59
2-Hexanone
Concen: 86.183 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

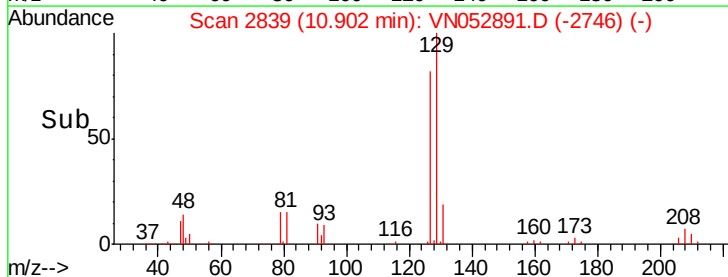
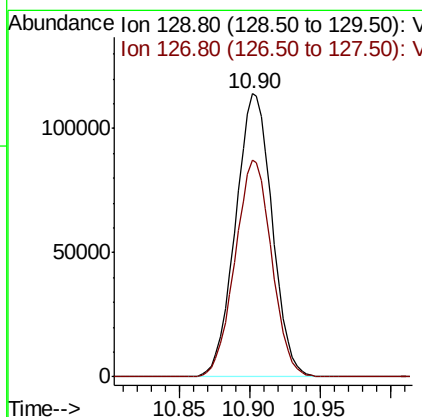
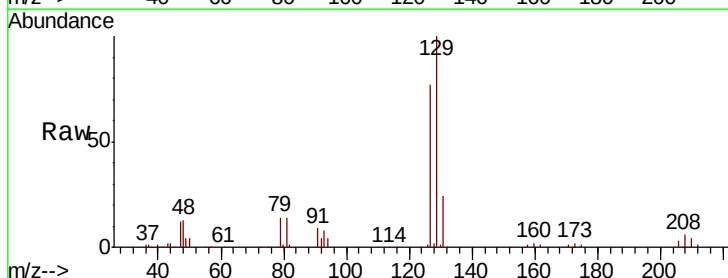
Instrument :
MSVOA_N
ClientSampleId :

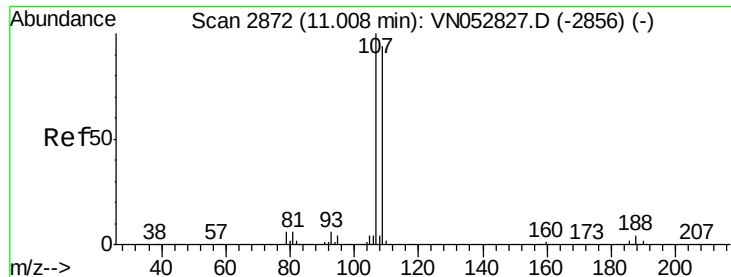
Tot Ion: 43 Resp: 527676
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 18.667 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 129 Resp: 207088
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.422 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

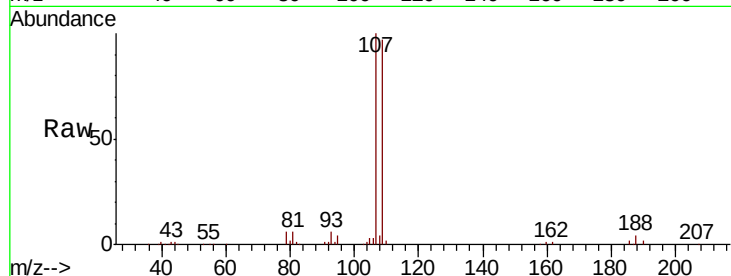
ClientSampleId :

Tot Ion:107 Resp: 186921

Ion Ratio Lower Upper

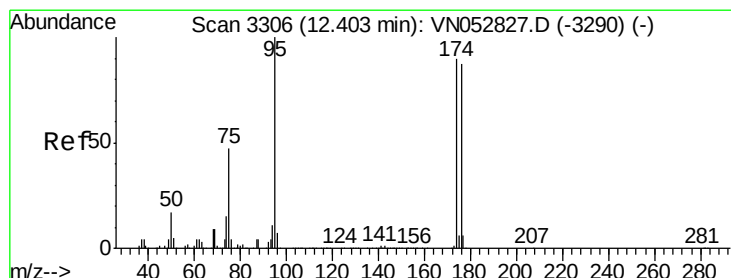
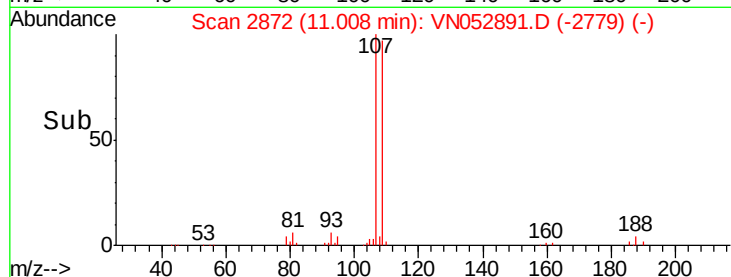
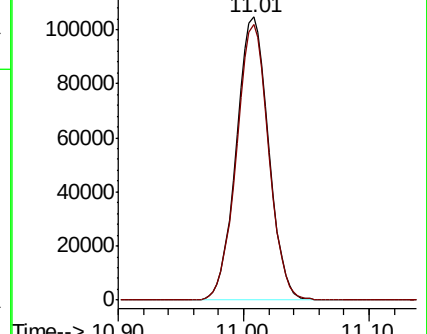
107 100

109 96.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.422 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

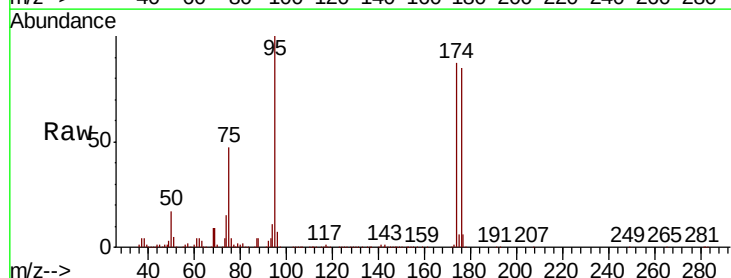
Tgt Ion: 95 Resp: 736913

Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.8

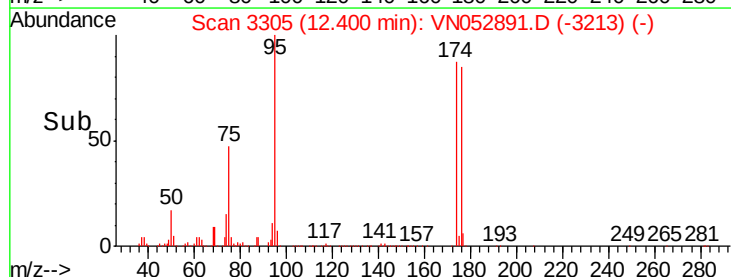
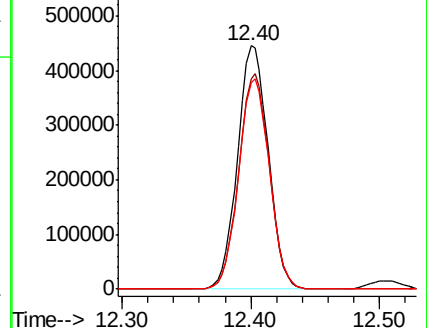
176 86.6 0.0 173.8

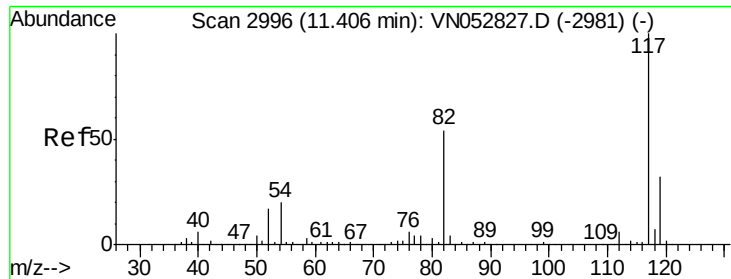


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

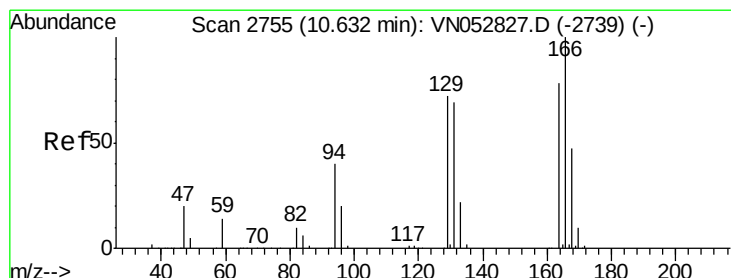
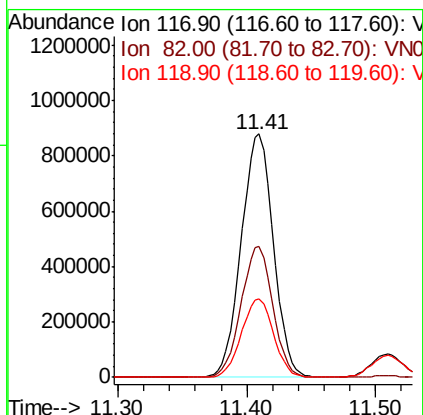
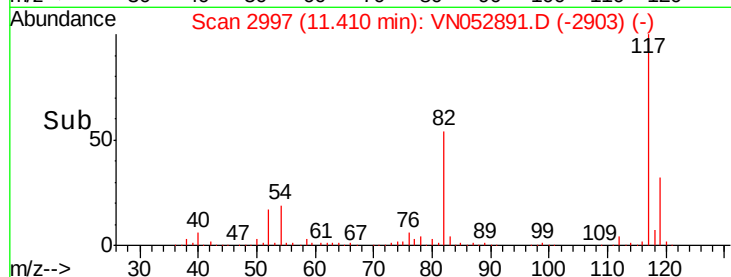
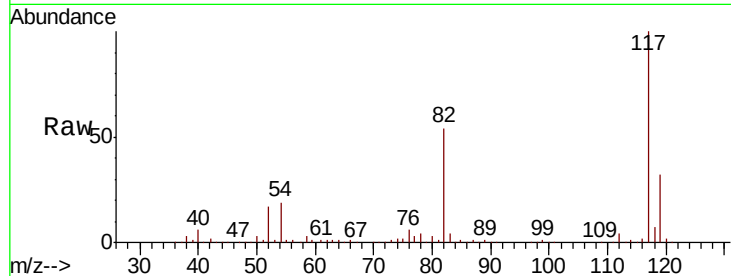




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

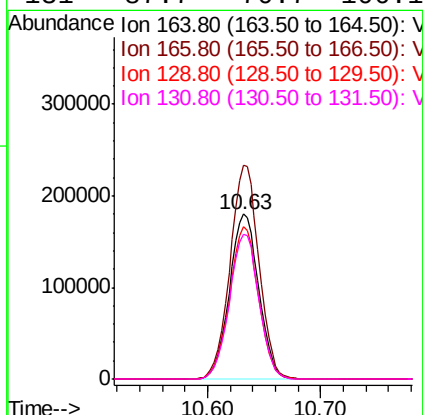
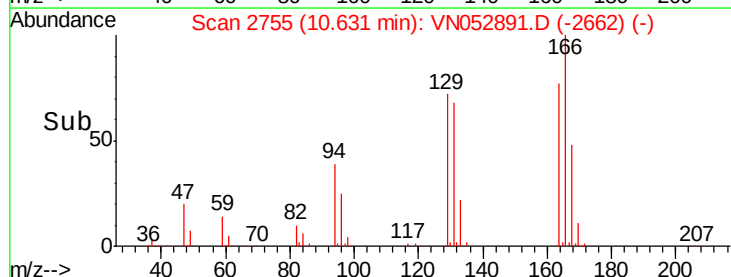
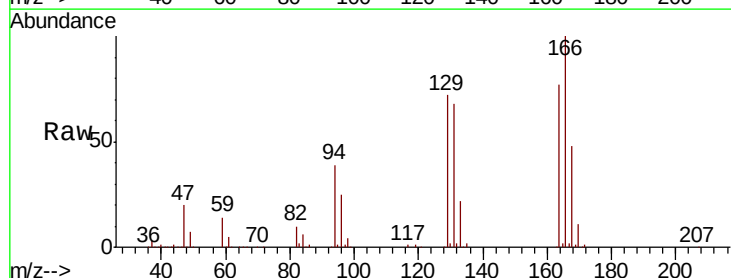
Instrument :
MSVOA_N
ClientSampled :

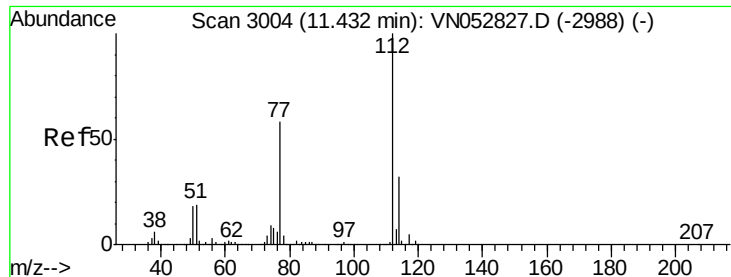
Tot Ion:117 Resp: 1526305
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 24.686 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion:164 Resp: 323839
Ion Ratio Lower Upper
164 100
166 129.7 102.9 154.3
129 92.7 73.7 110.5
131 87.7 70.7 106.1

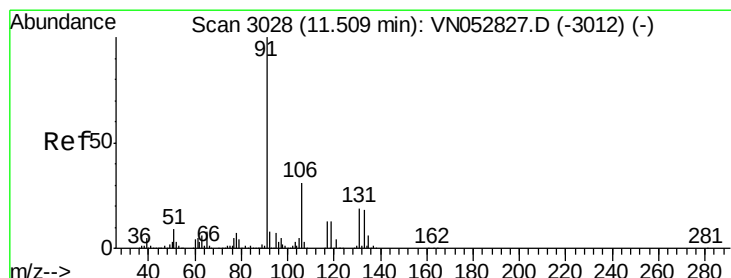
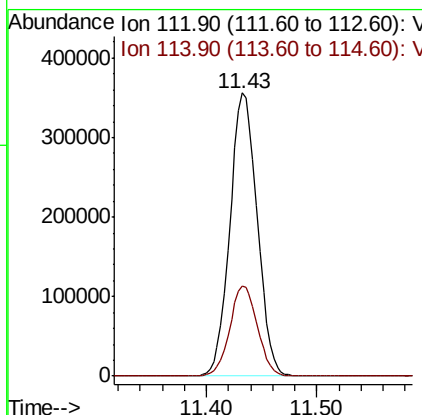
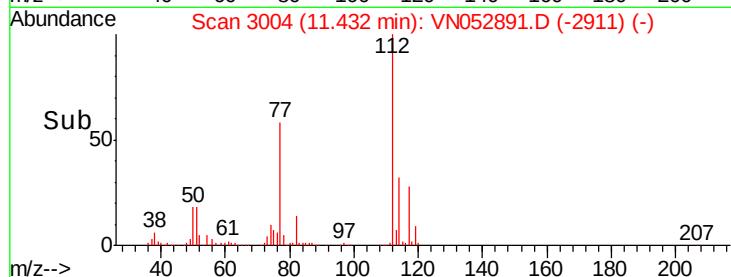
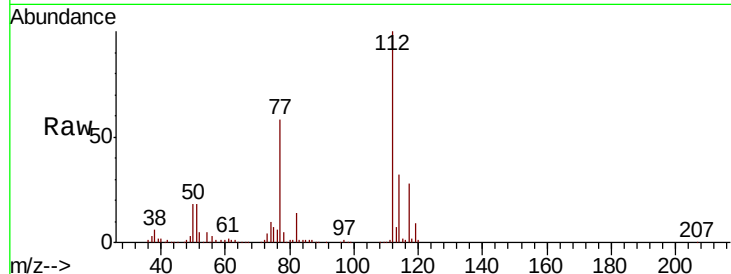




#65
Chlorobenzene
Concen: 19.331 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

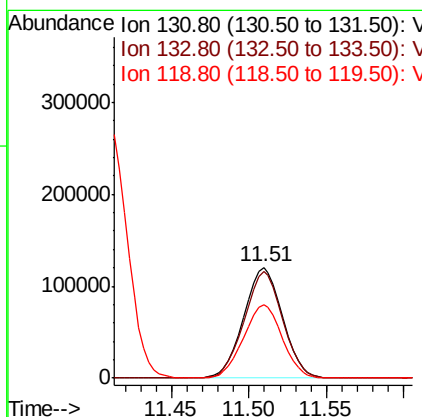
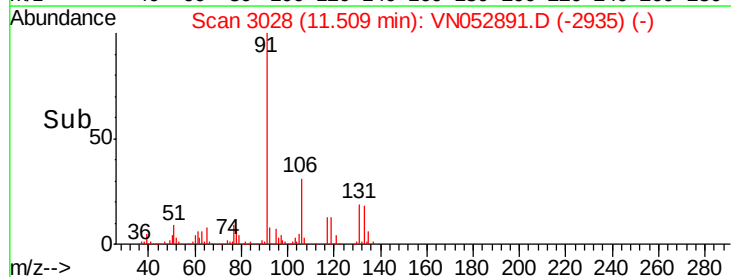
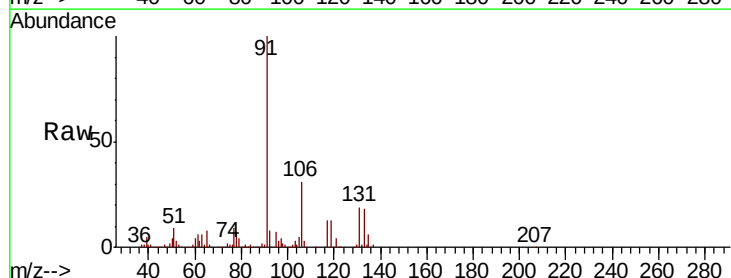
Instrument :
MSVOA_N
ClientSampleId :

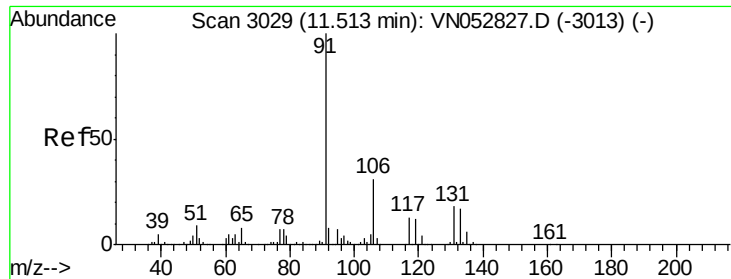
Tot Ion:112 Resp: 612119
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.088 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion:131 Resp: 210218
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 66.2 33.3 99.8

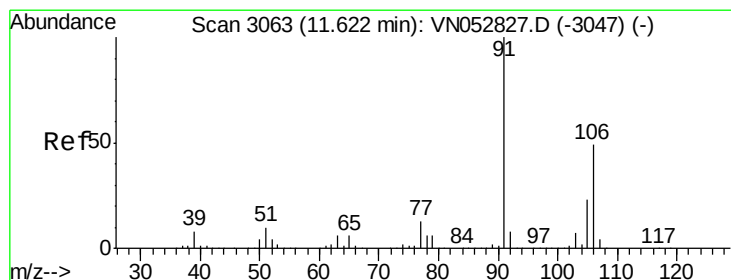
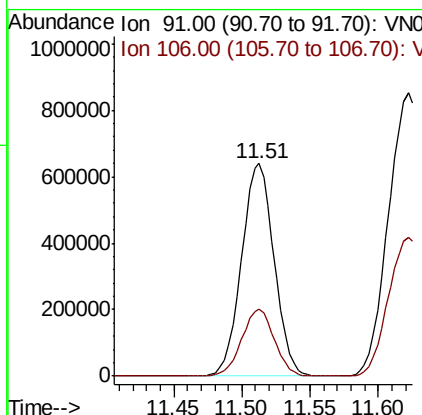
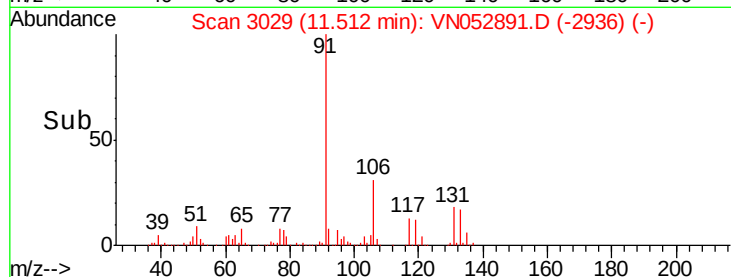
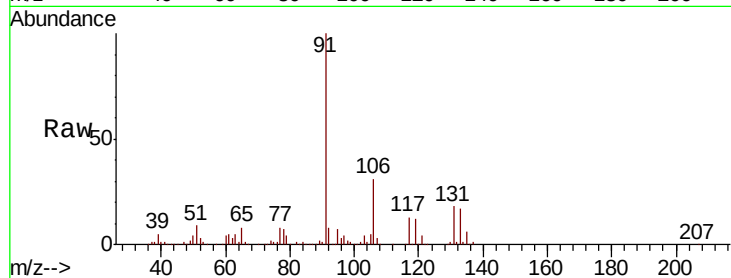




#67
Ethyl Benzene
Concen: 19.492 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

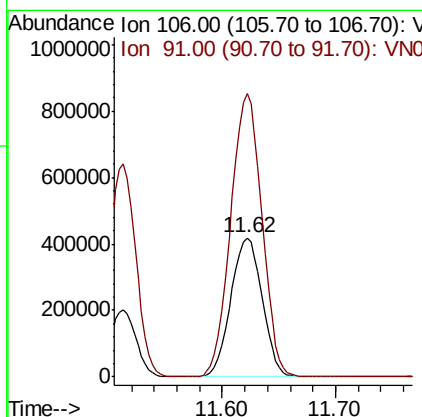
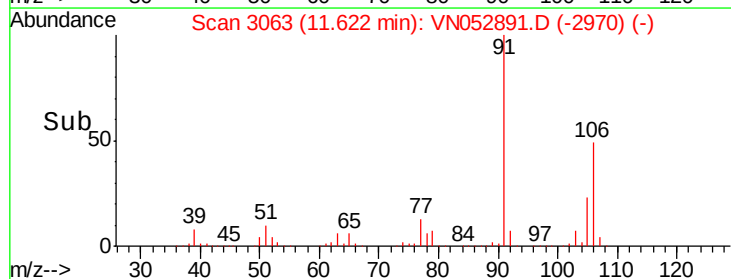
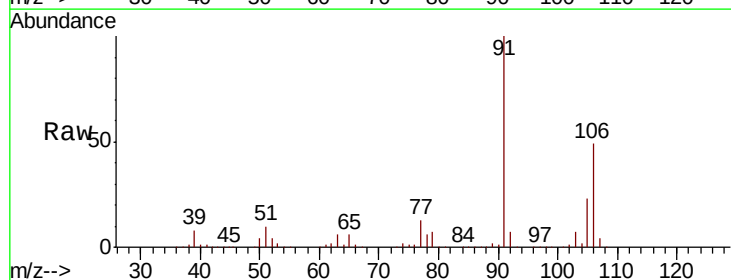
Instrument :
MSVOA_N
ClientSampled :

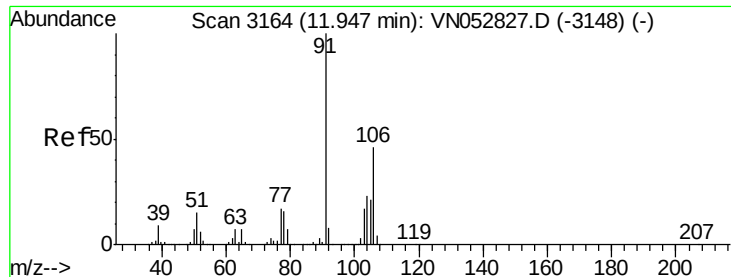
Tot Ion: 91 Resp: 1059954
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 39.549 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion: 106 Resp: 807540
Ion Ratio Lower Upper
106 100
91 202.6 162.2 243.4

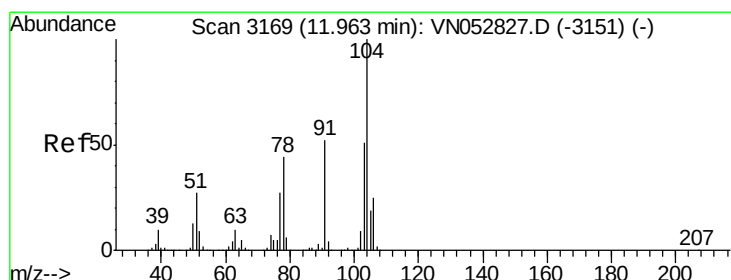
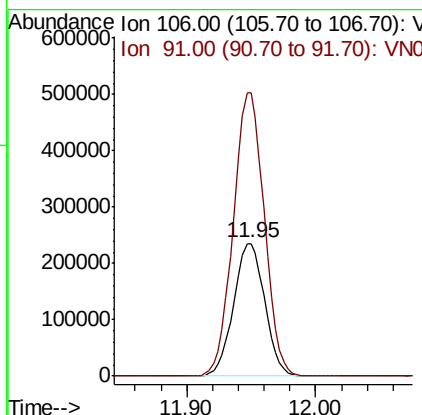
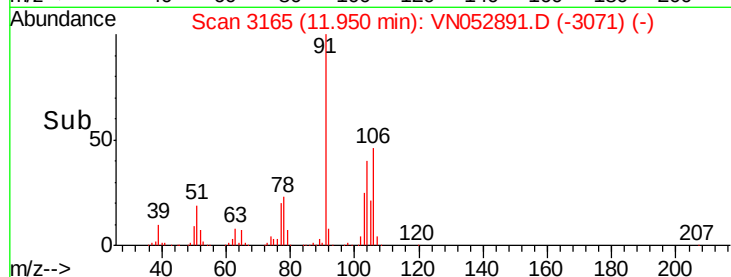
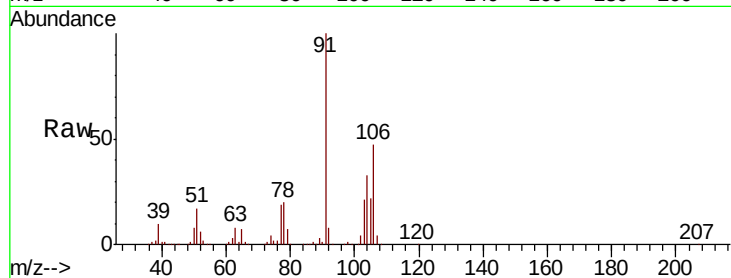




#69
o-Xylene
Concen: 19.787 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

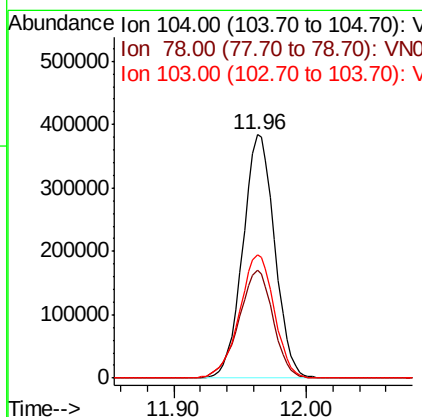
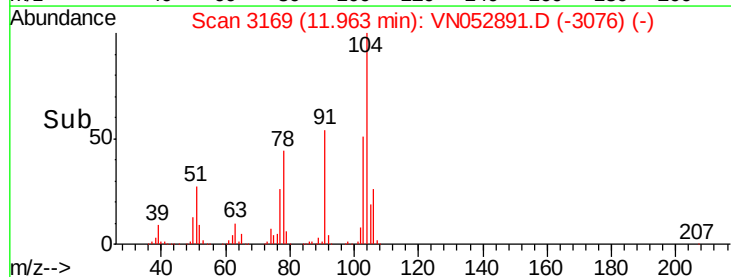
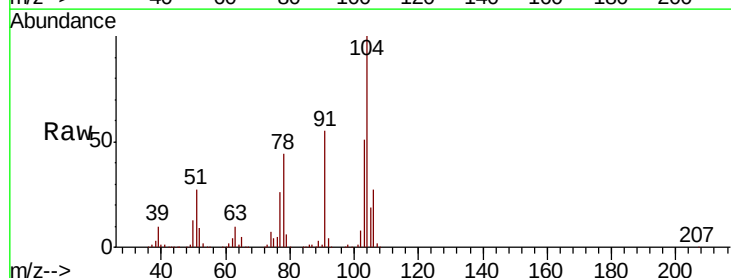
Instrument :
MSVOA_N
ClientSampled :

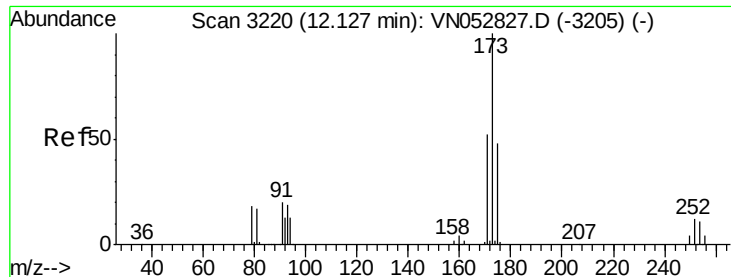
Tot Ion:106 Resp: 394528
Ion Ratio Lower Upper
106 100
91 212.8 106.6 319.8



#70
Styrene
Concen: 20.000 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion:104 Resp: 641036
Ion Ratio Lower Upper
104 100
78 47.9 38.9 58.3
103 55.2 44.3 66.5





#71

Bromoform

Concen: 18.239 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampled :

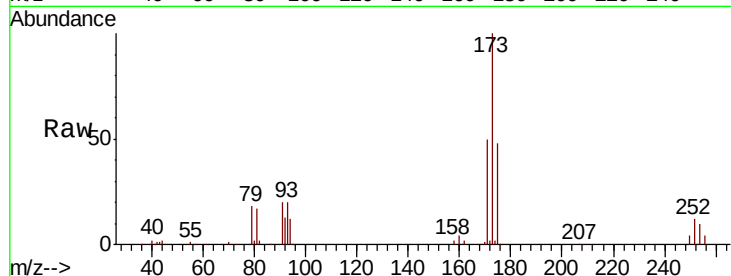
Tot Ion:173 Resp: 136461

Ion Ratio Lower Upper

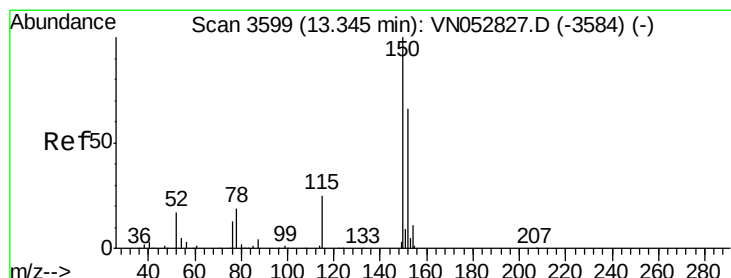
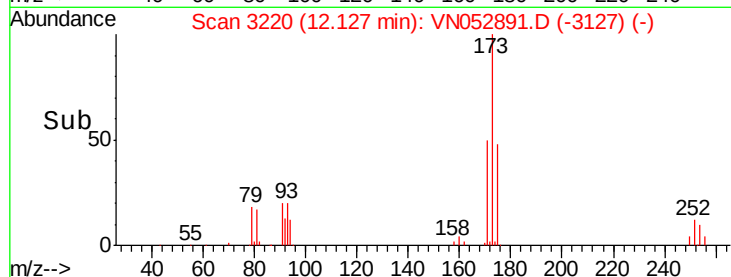
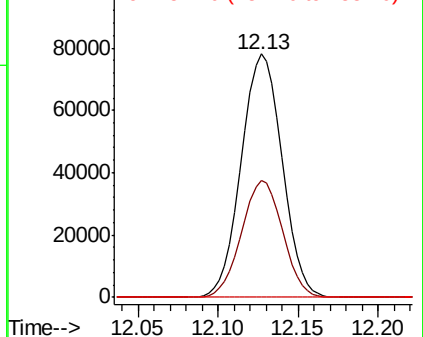
173 100

175 48.3 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

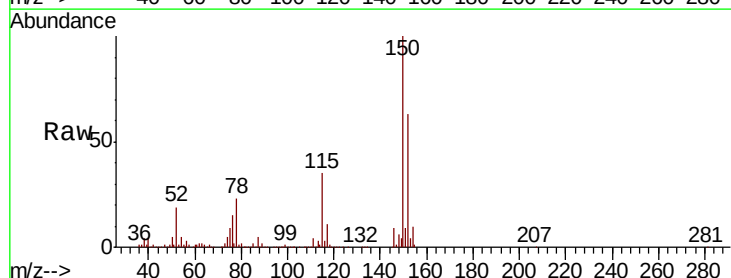
Tgt Ion:152 Resp: 716431

Ion Ratio Lower Upper

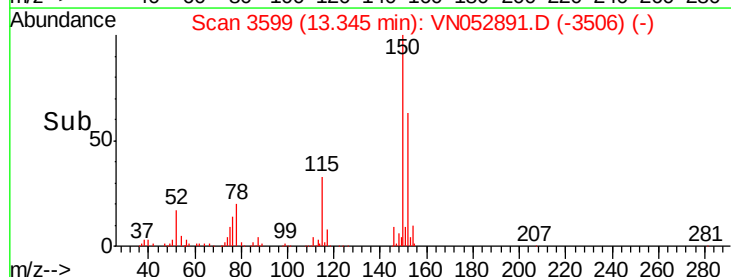
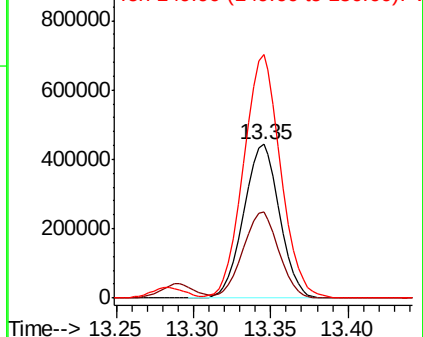
152 100

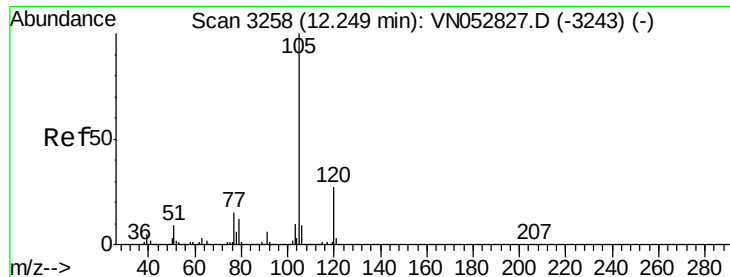
115 56.0 28.3 85.0

150 163.3 0.0 347.8



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: 19.692 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

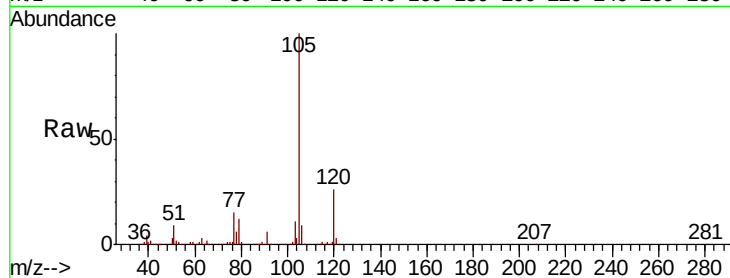
ClientSampleId :

Tot Ion:105 Resp: 1053359

Ion Ratio Lower Upper

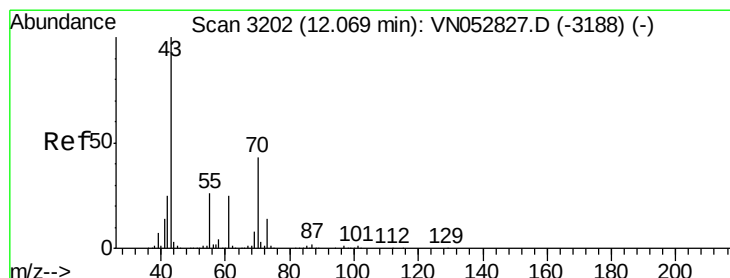
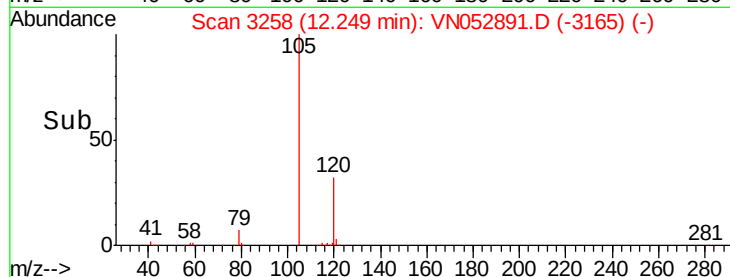
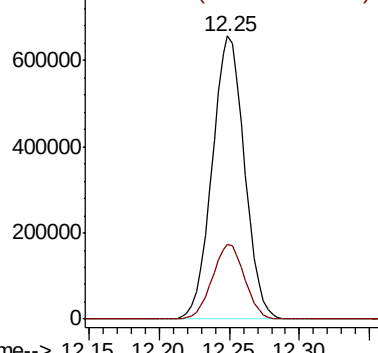
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.508 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Tgt Ion: 43 Resp: 271807

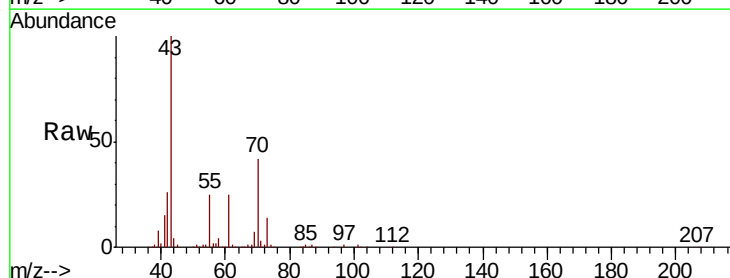
Ion Ratio Lower Upper

43 100

70 43.4 34.2 51.4

55 25.6 20.3 30.5

61 25.1 20.0 30.0

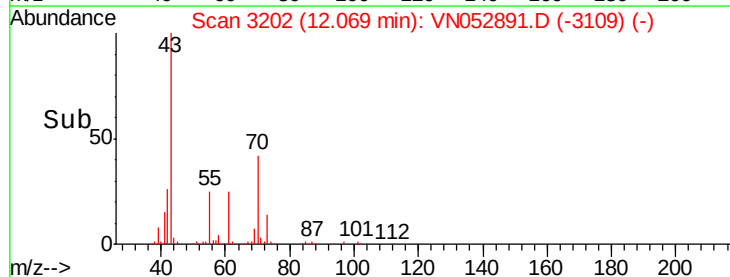
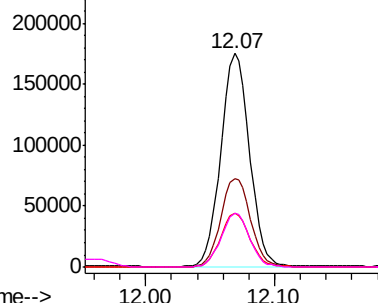


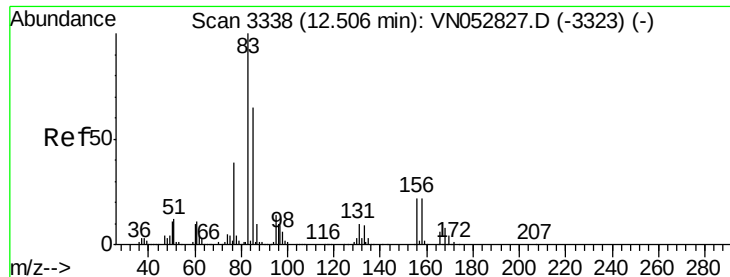
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 14.353 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampled :

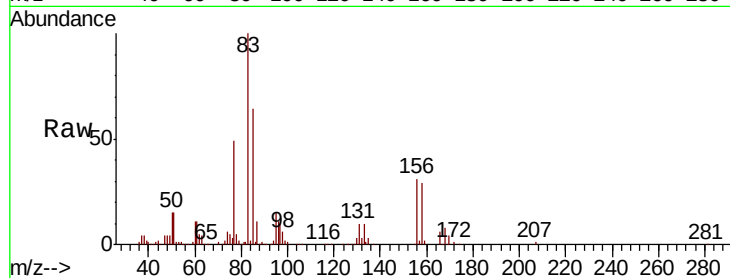
Tot Ion: 83 Resp: 172071

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

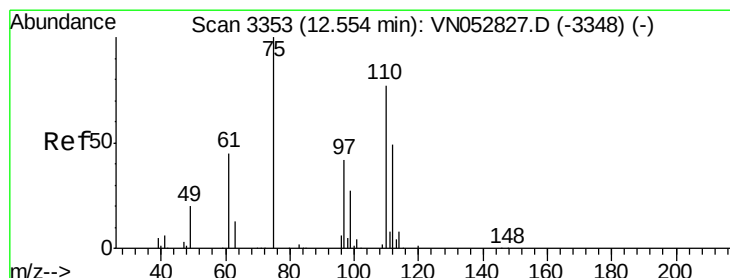
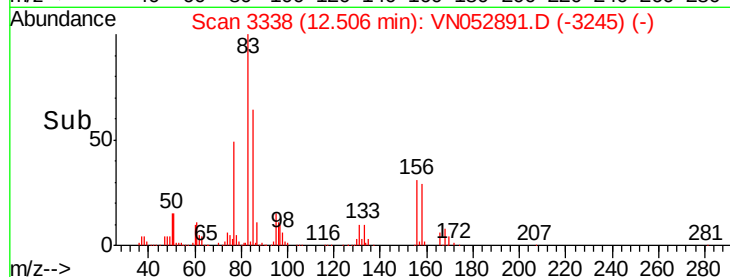
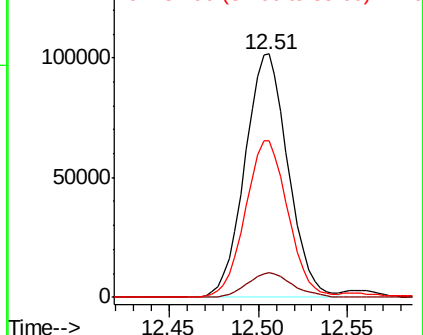
85 63.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.358 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052891.D

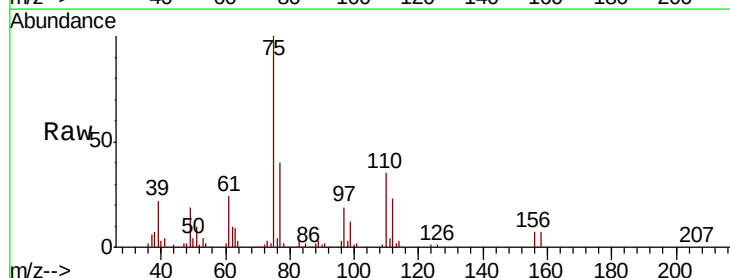
Acq: 14 Dec 2018 16:25

Tgt Ion: 75 Resp: 278613

Ion Ratio Lower Upper

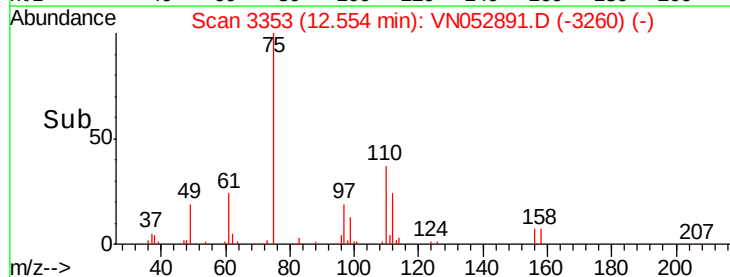
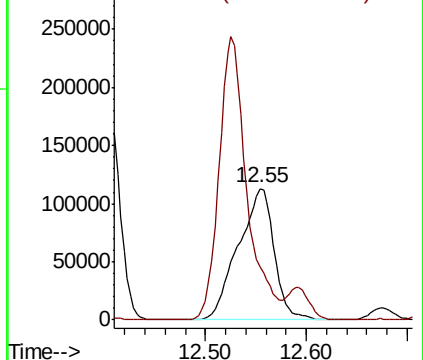
75 100

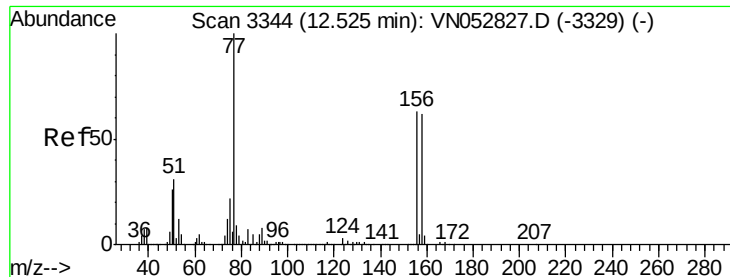
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.632 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

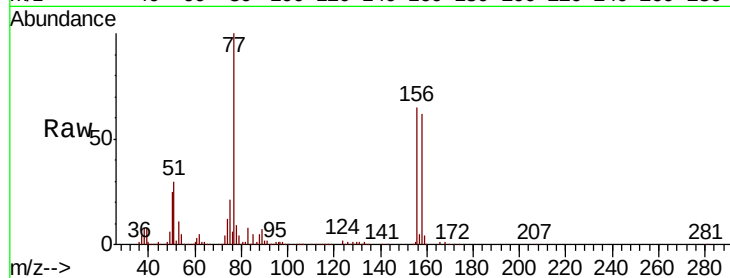
Tot Ion:156 Resp: 267106

Ion Ratio Lower Upper

156 100

77 174.4 91.3 273.8

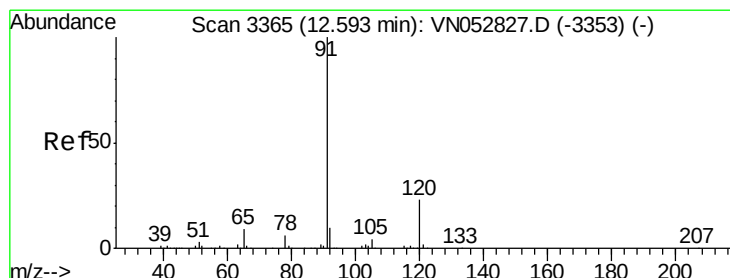
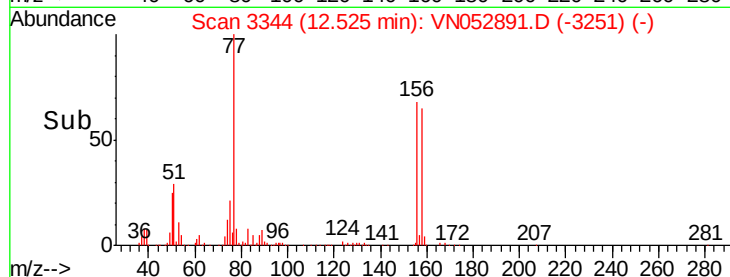
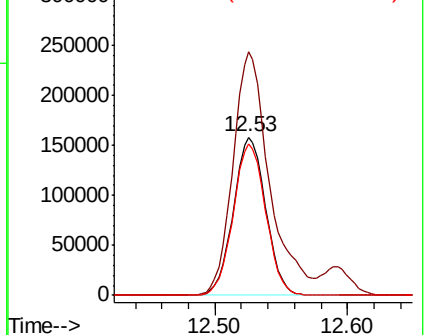
158 96.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.725 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052891.D

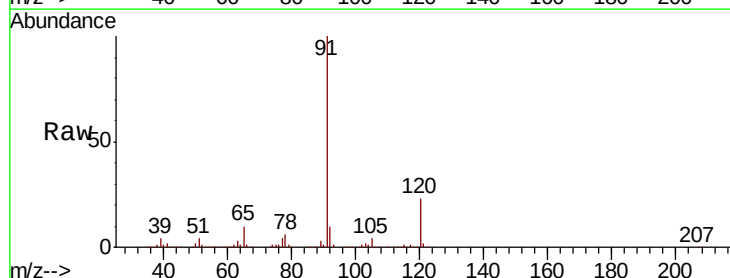
Acq: 14 Dec 2018 16:25

Tgt Ion: 91 Resp: 1203322

Ion Ratio Lower Upper

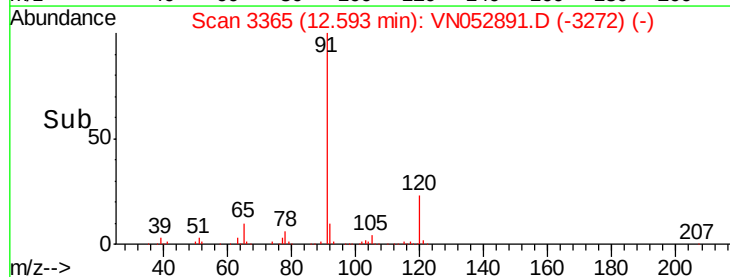
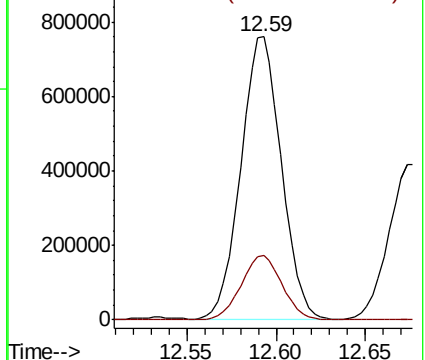
91 100

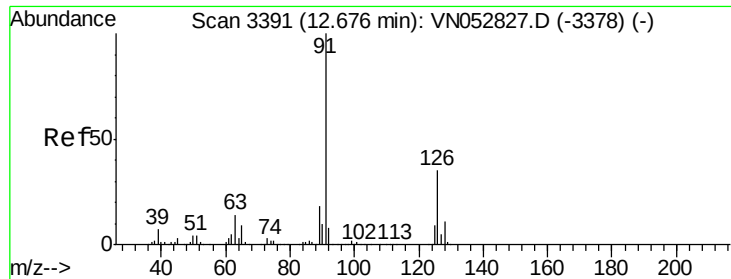
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

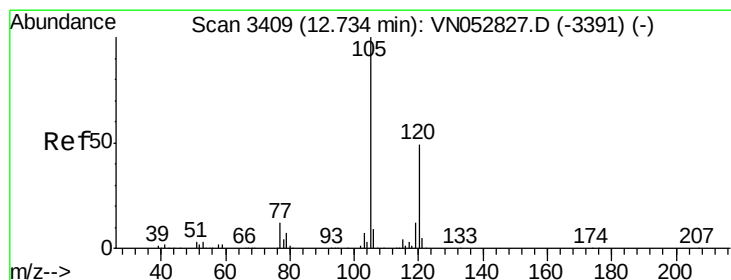
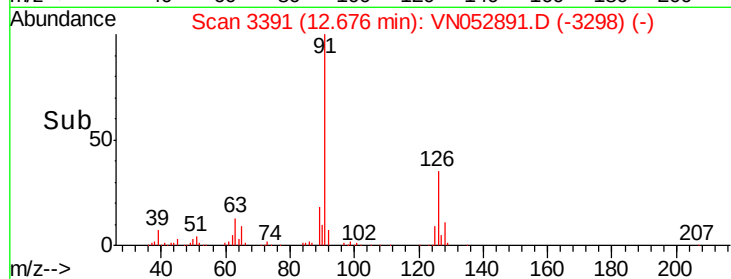
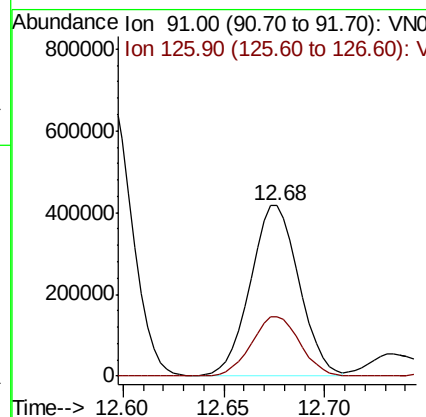
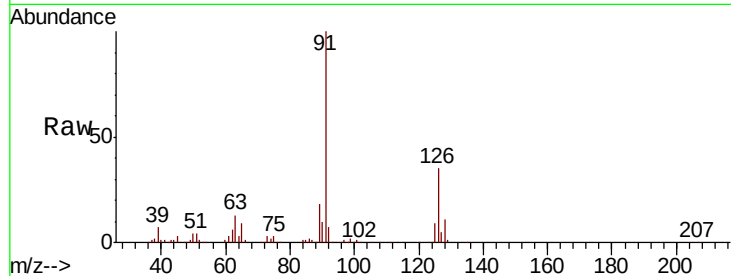




#79
 2-Chlorotoluene
 Concen: 19.438 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

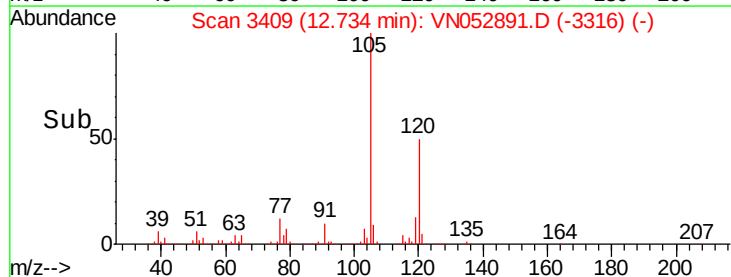
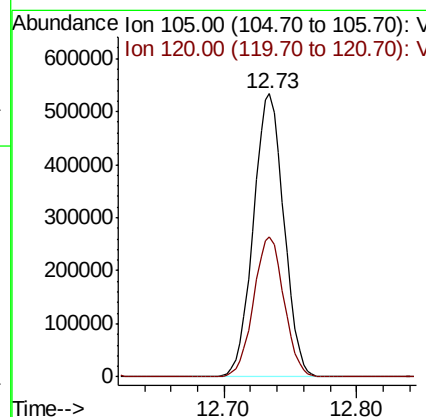
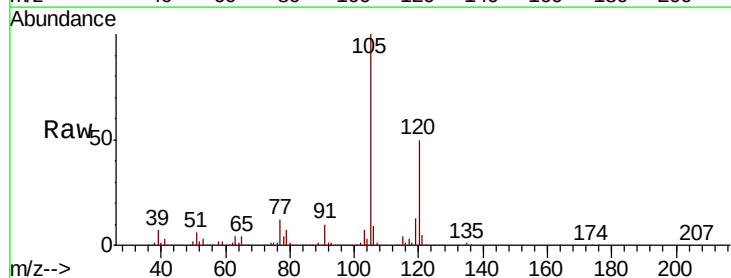
Instrument :
 MSVOA_N
 ClientSampled :

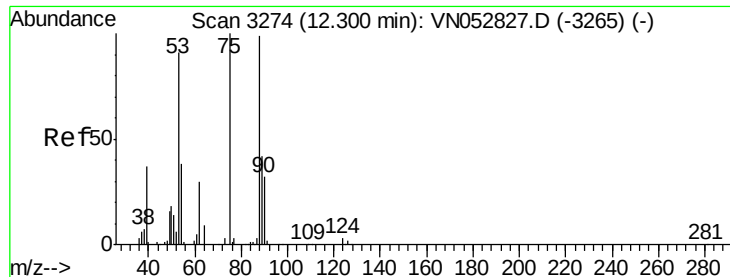
Tot Ion: 91 Resp: 701052
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.647 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion: 105 Resp: 848366
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.144 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

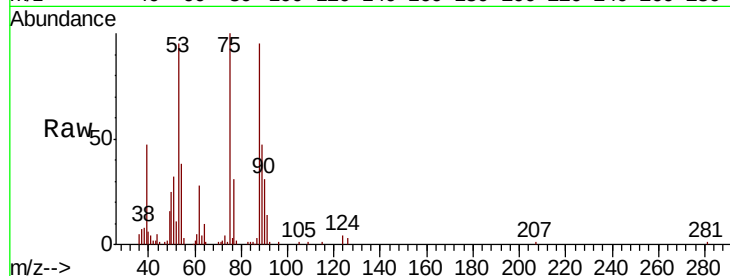
Tot Ion: 75 Resp: 59700

Ion Ratio Lower Upper

75 100

53 95.8 74.7 112.1

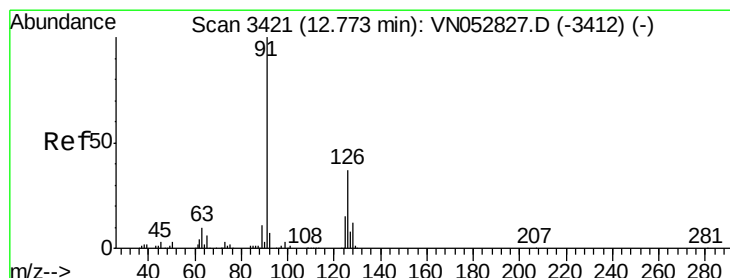
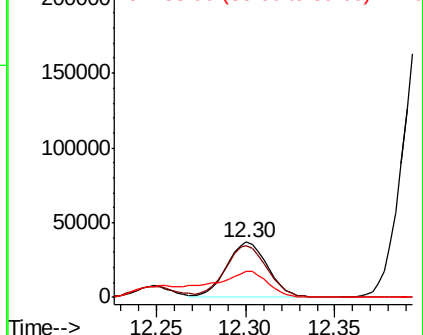
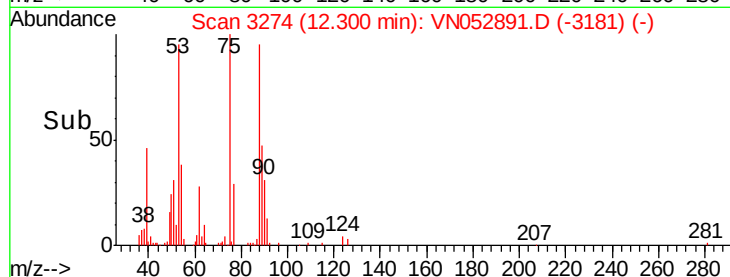
89 44.3 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.349 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052891.D

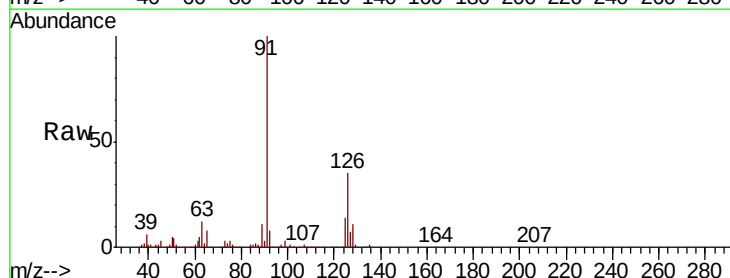
Acq: 14 Dec 2018 16:25

Tgt Ion: 91 Resp: 713483

Ion Ratio Lower Upper

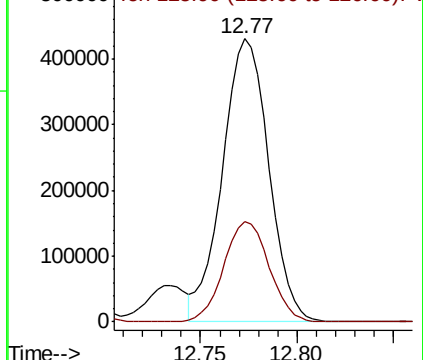
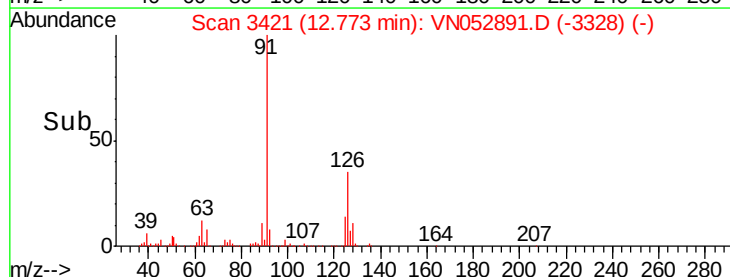
91 100

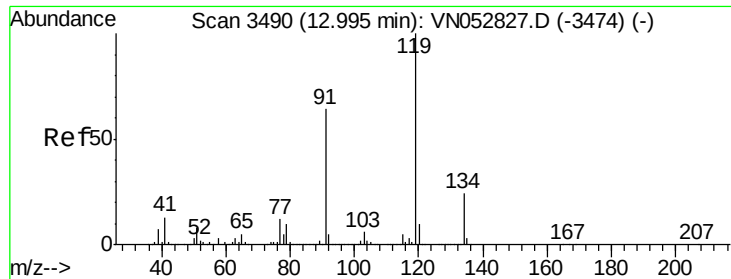
126 35.0 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

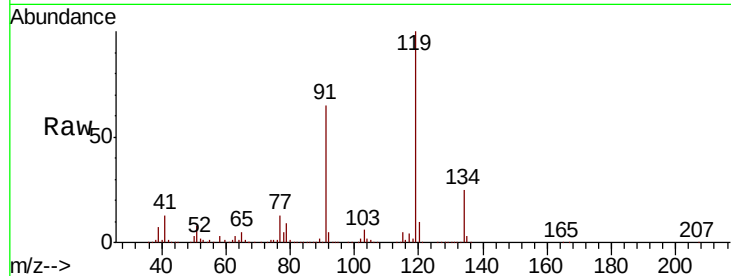




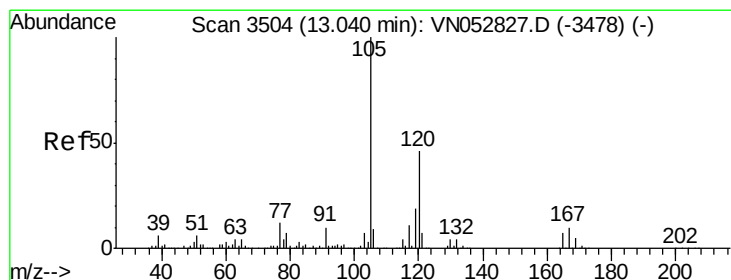
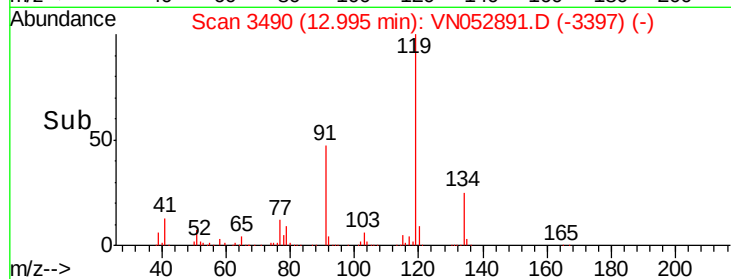
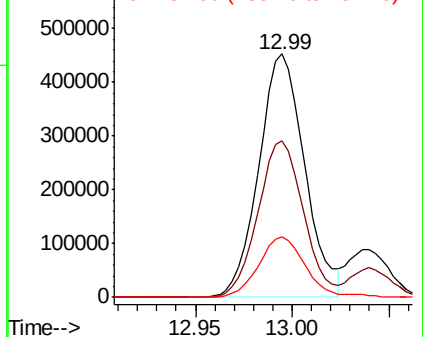
#83
 tert-Butylbenzene
 Concen: 19.670 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 749251
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.9 95.5
 134 25.2 12.8 38.4

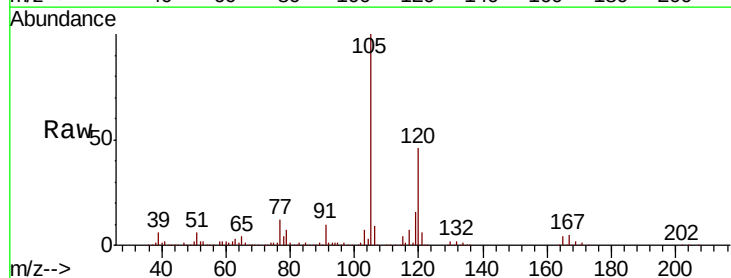


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

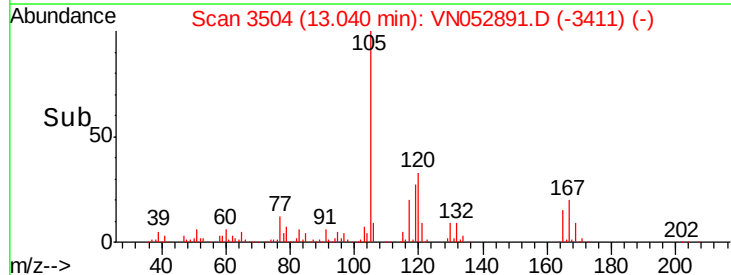
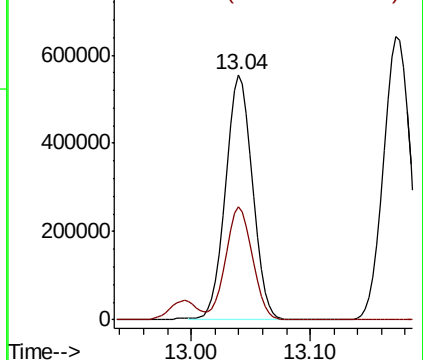


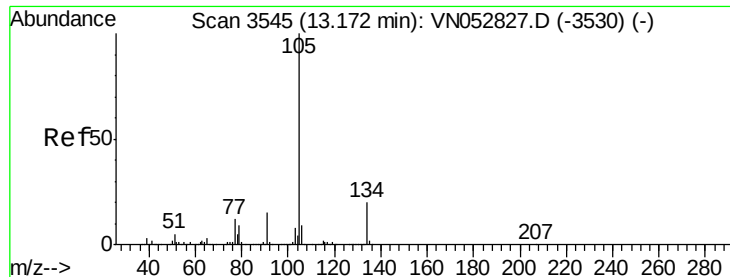
#84
 1,2,4-Trimethylbenzene
 Concen: 19.916 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion:105 Resp: 870609
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 19.943 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

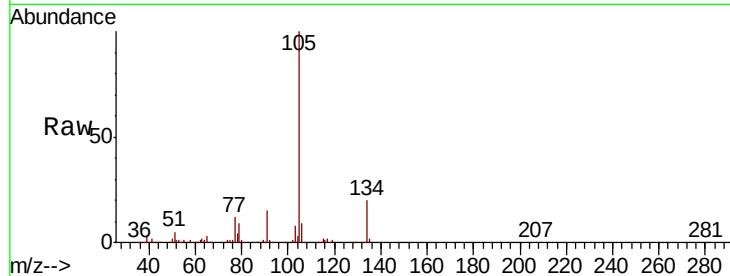
ClientSampleId :

Tot Ion:105 Resp: 1028772

Ion Ratio Lower Upper

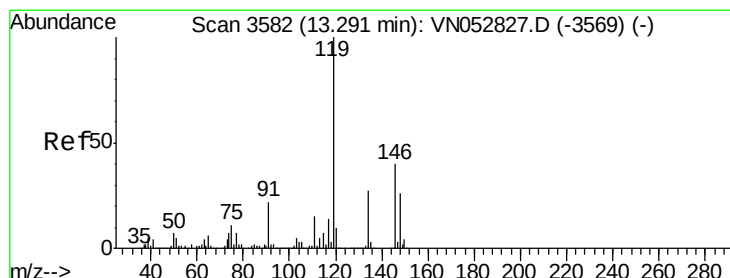
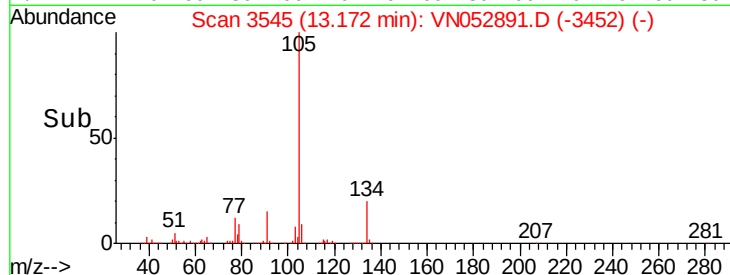
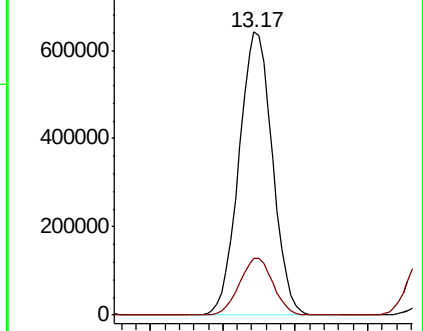
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.915 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

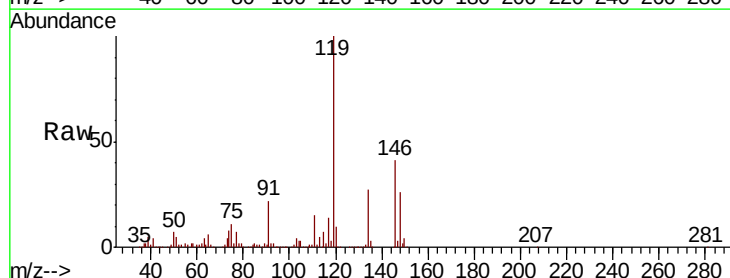
Tgt Ion:119 Resp: 890080

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

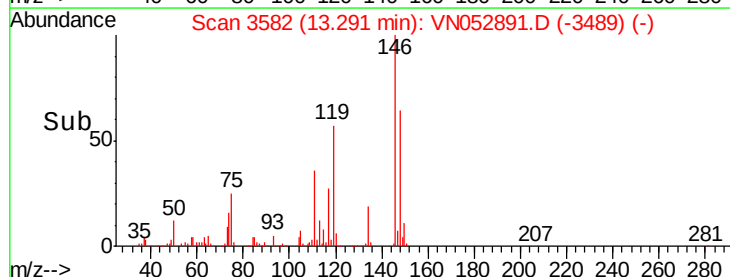
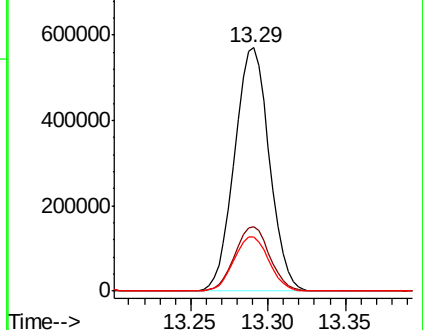
91 22.4 11.1 33.3

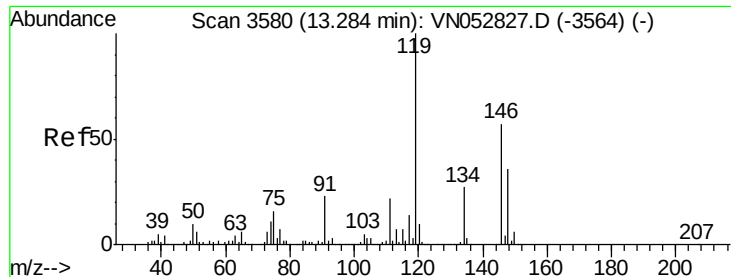


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

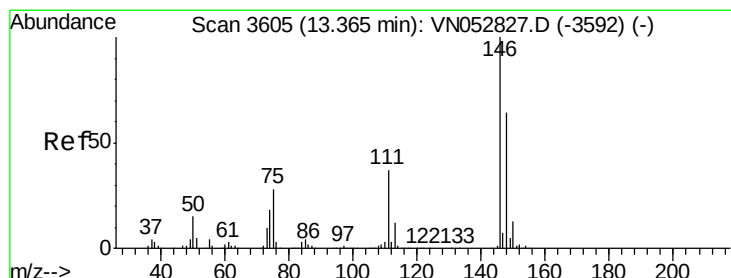
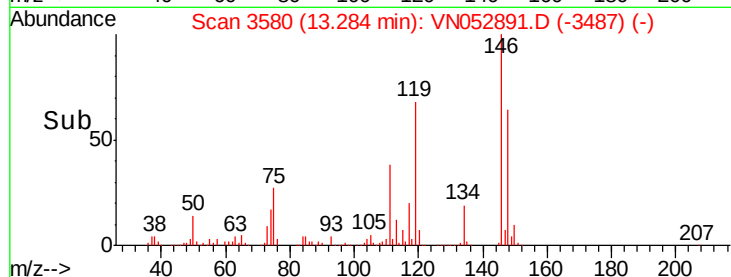
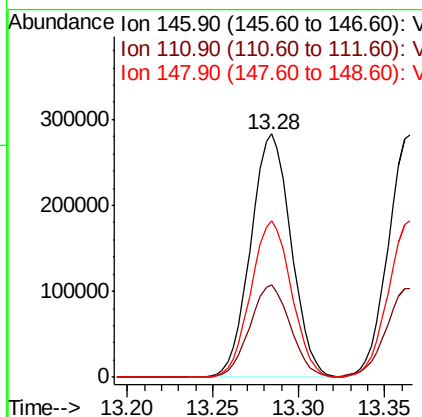
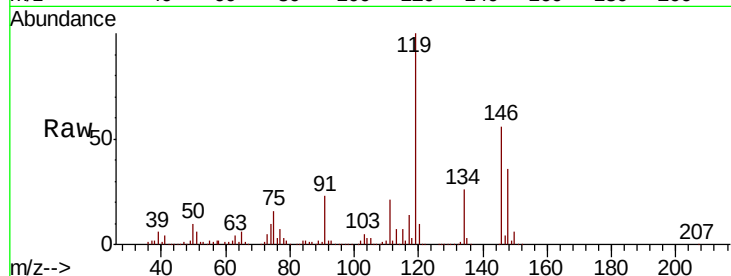




#87
 1,3-Dichlorobenzene
 Concen: 19.101 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

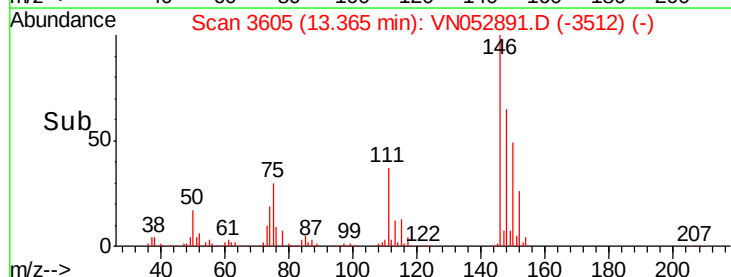
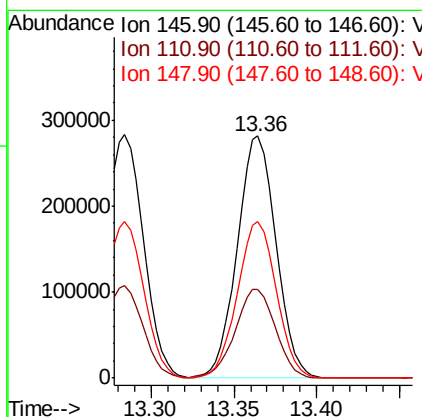
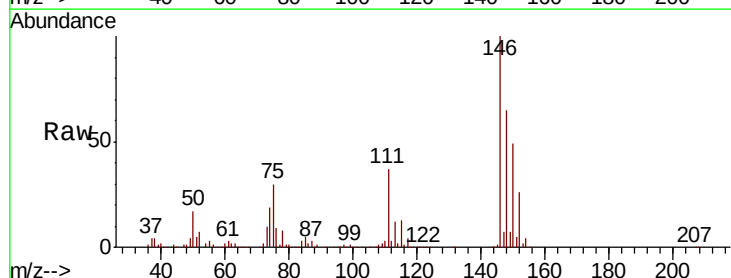
Instrument :
 MSVOA_N
 ClientSampleId :

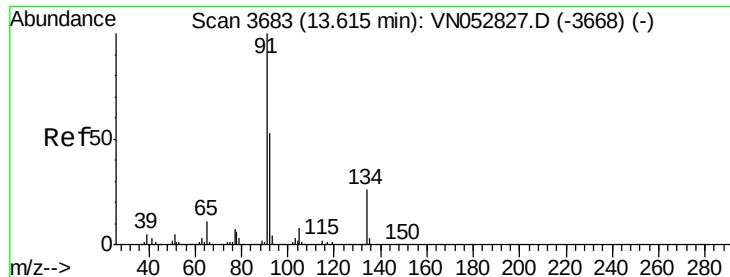
Tot Ion:146 Resp: 461809
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.134 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion:146 Resp: 458137
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 55.8
 148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.085 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052891.D

Acq: 14 Dec 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

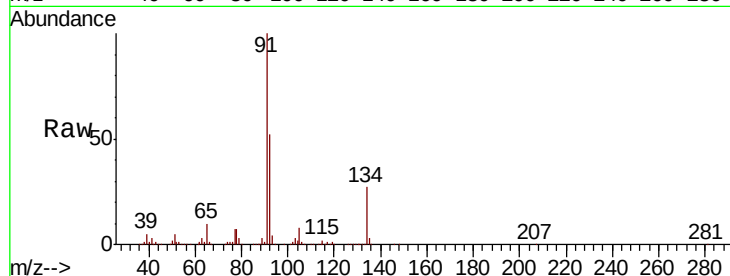
Tot Ion: 91 Resp: 755666

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

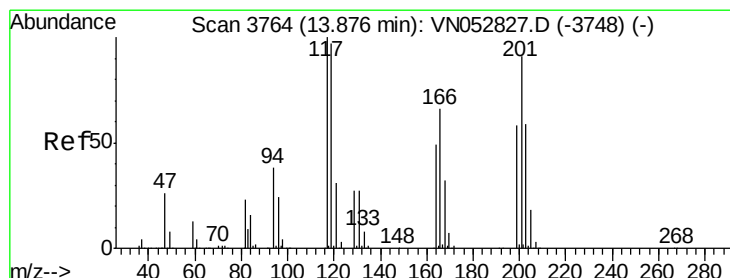
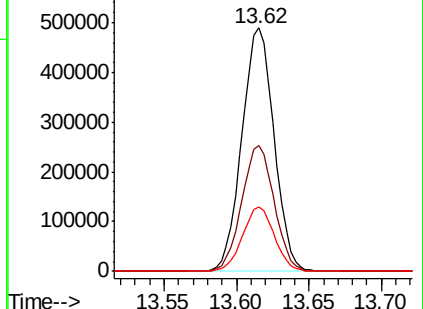
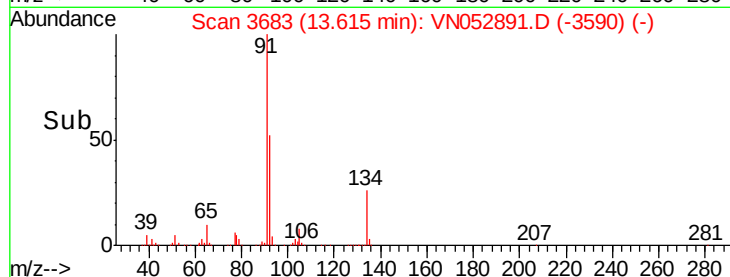
134 26.1 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052827.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052827.D (-3668) (-)



#90

Hexachloroethane

Concen: 17.255 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052891.D

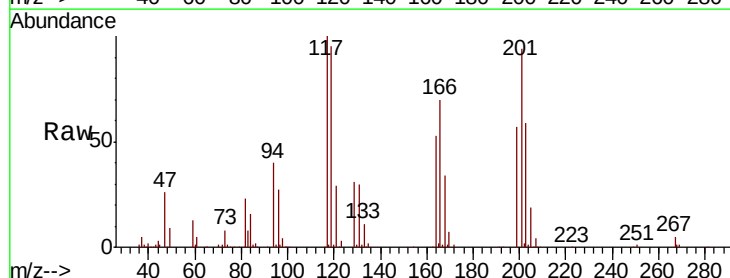
Acq: 14 Dec 2018 16:25

Tgt Ion: 117 Resp: 129131

Ion Ratio Lower Upper

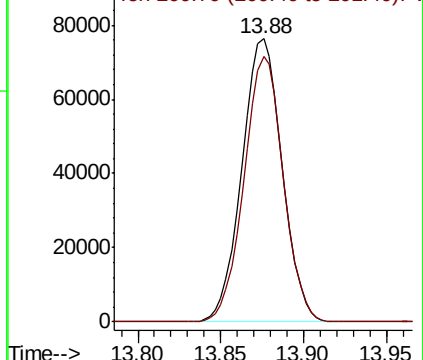
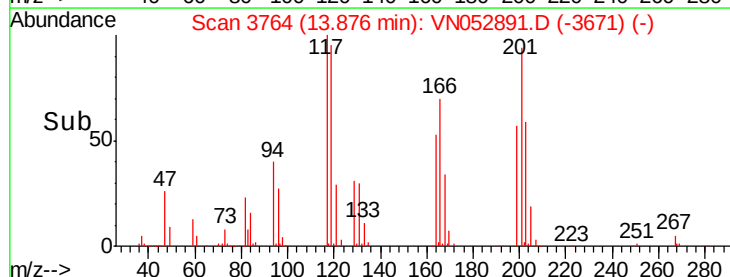
117 100

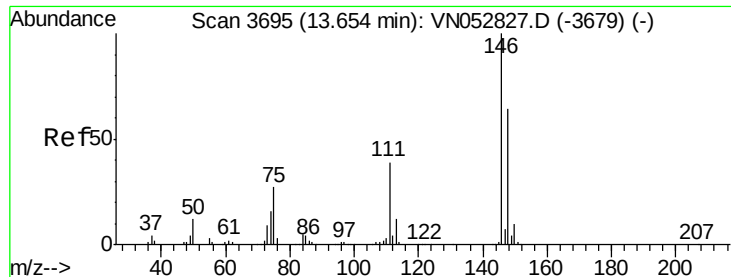
201 91.3 45.7 137.1



Abundance Ion 116.80 (116.50 to 117.50): VN052827.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052827.D (-3748) (-)

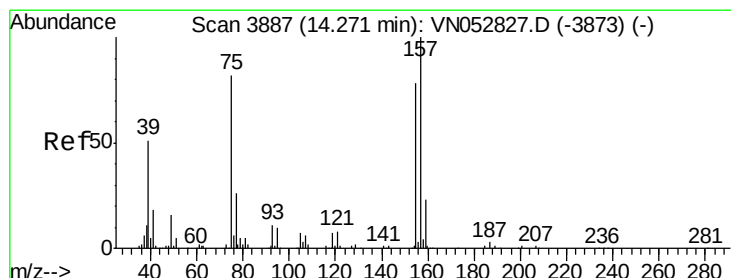
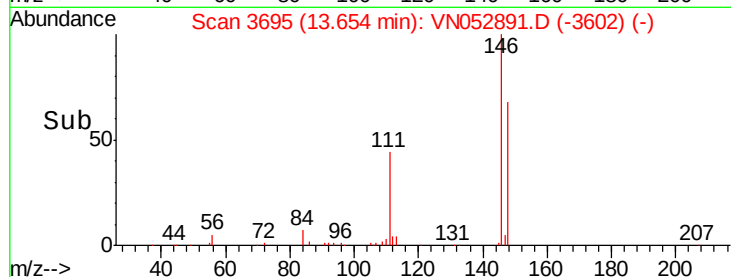
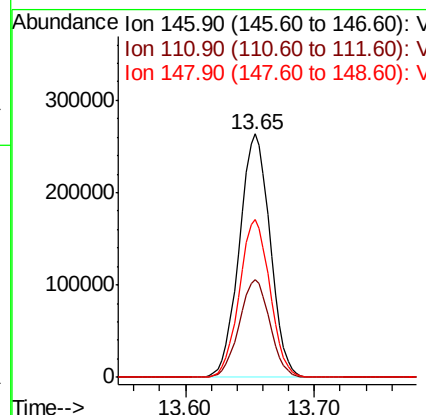
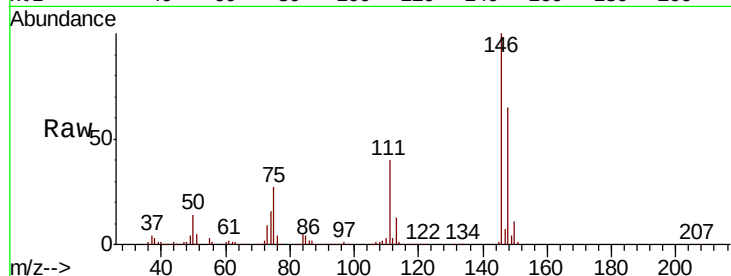




#91
 1,2-Dichlorobenzene
 Concen: 18.817 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

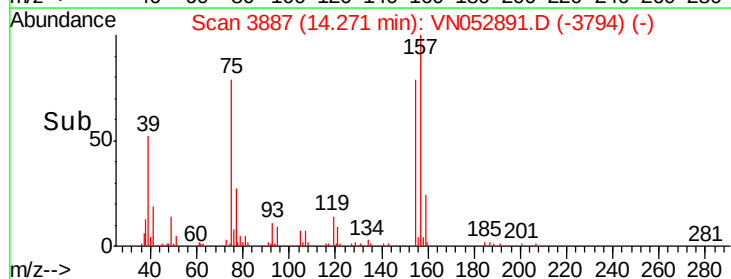
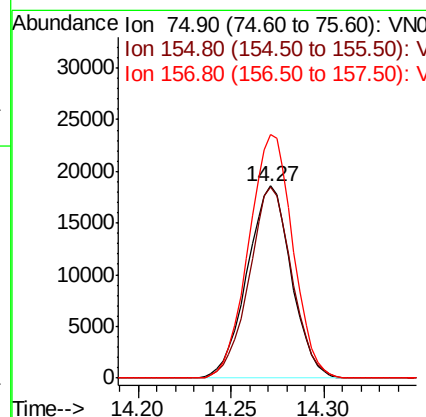
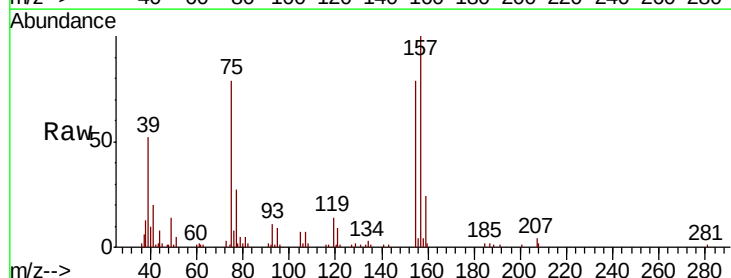
Instrument :
 MSVOA_N
 ClientSampleId :

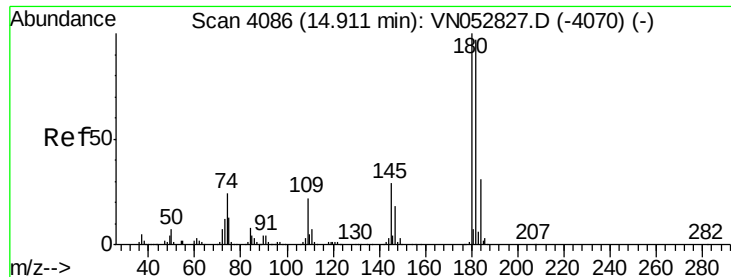
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.0
148	64.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.090 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	48.2	144.6
157	126.6	61.2	183.5

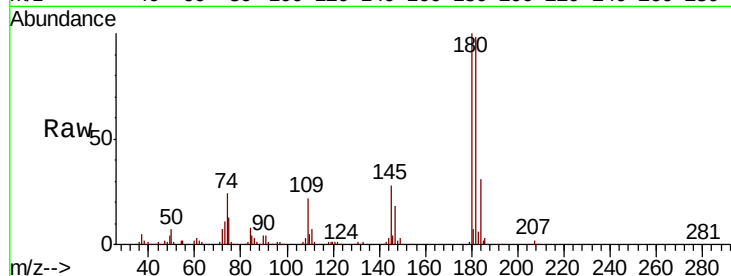




#93
 1,2,4-Trichlorobenzene
 Concen: 18.820 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	28.3	14.2	42.6

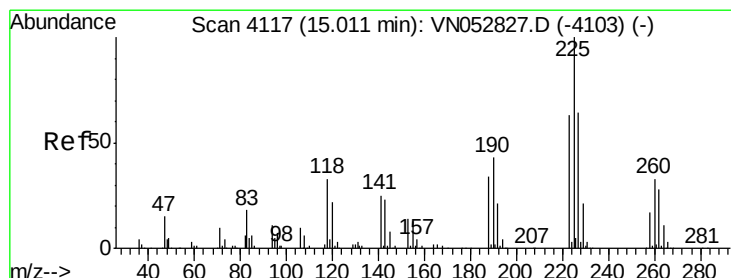
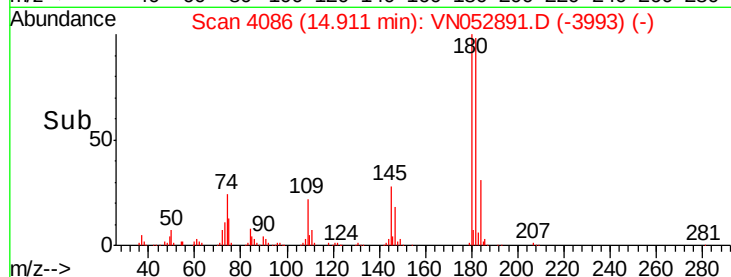
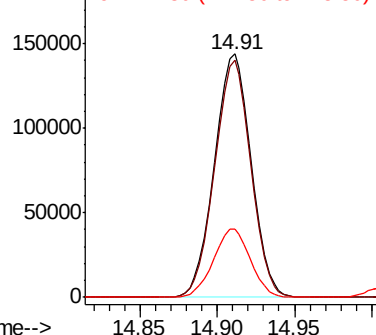


Abundance

Ion 179.80 (179.50 to 180.50): V

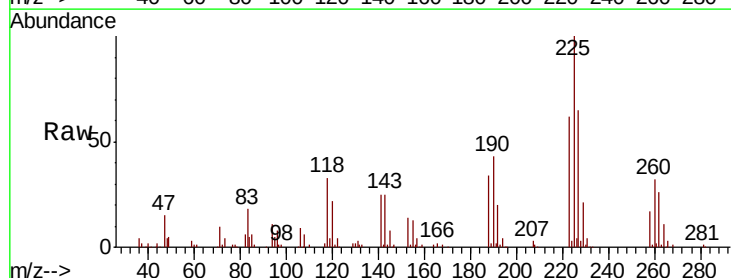
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.523 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052891.D
 Acq: 14 Dec 2018 16:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.5	94.5
227	65.8	31.9	95.7

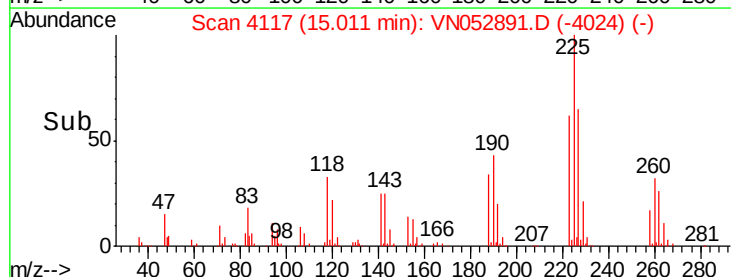
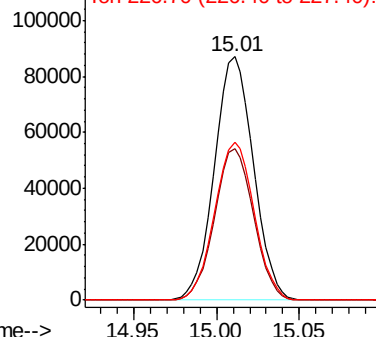


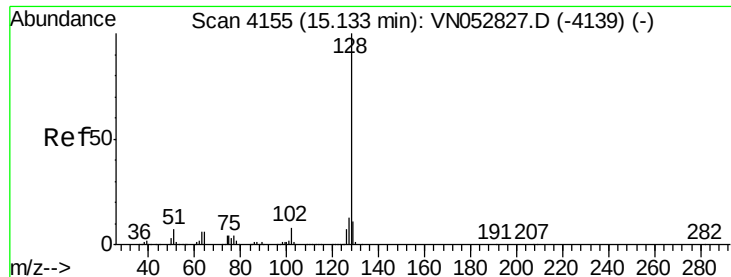
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

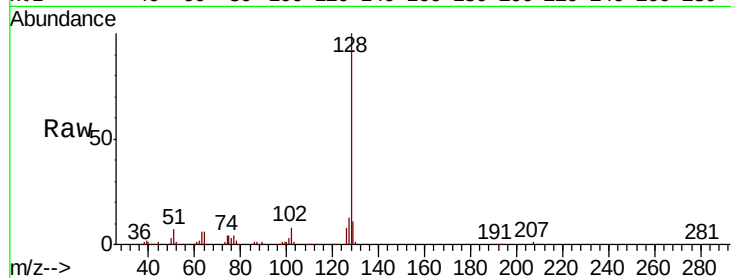




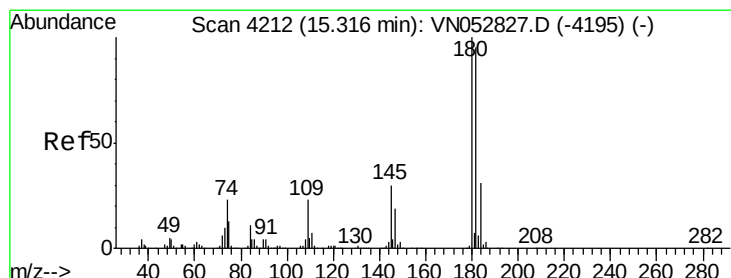
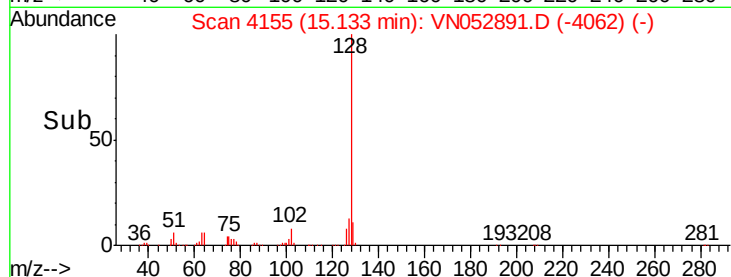
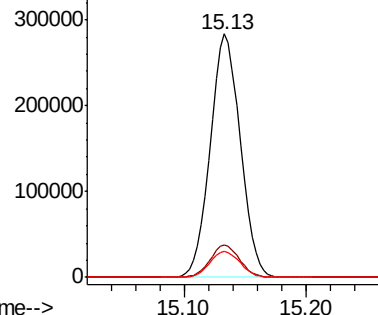
#95
Naphthalene
Concen: 18.449 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 483071
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.6 13.0

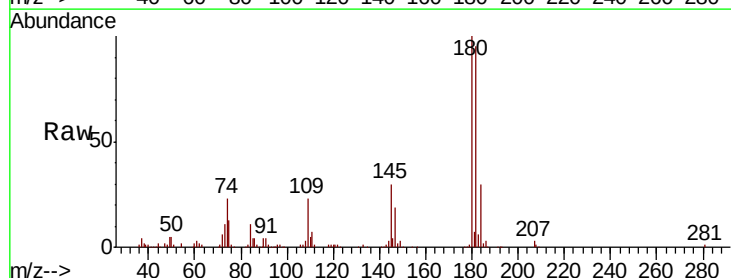


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.223 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN052891.D
Acq: 14 Dec 2018 16:25

Tgt Ion:180 Resp: 211393
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.7
145 30.3 15.0 45.0



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

