

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011320\
 Data File : VN059692.D
 Acq On : 13 Jan 2020 15:40
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 14 08:38:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:36:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	320100	111.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.88%	
35) Dibromofluoromethane	7.56	113	269031	139.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.54%	
50) Toluene-d8	10.08	98	1033912	135.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.38%	
62) 4-Bromofluorobenzene	12.40	95	384268	137.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	334695	131.213	ug/l	99
3) Chloromethane	2.04	50	322214	79.601	ug/l	99
4) Vinyl Chloride	2.17	62	391826	102.075	ug/l	97
5) Bromomethane	2.51	94	232678	104.268	ug/l	99
6) Chloroethane	2.67	64	181858	84.296	ug/l	98
7) Trichlorofluoromethane	3.00	101	447540	106.262	ug/l	99
8) Diethyl Ether	3.38	74	157375	119.592	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.73	101	249348	117.482	ug/l	92
10) Methyl Iodide	3.93	142	418668	149.002	ug/l	95
11) Tert butyl alcohol	4.73	59	259149	492.106	ug/l	99
12) 1,1-Dichloroethene	3.71	96	255921	123.606	ug/l	89
13) Acrolein	3.57	56	186749	497.833	ug/l	98
14) Allyl chloride	4.29	41	360101	84.722	ug/l #	87
15) Acrylonitrile	4.94	53	633926	497.663	ug/l	99
16) Acetone	3.78	43	527709	309.435	ug/l	97
17) Carbon Disulfide	4.03	76	744242	104.683	ug/l	100
18) Methyl Acetate	4.28	43	371171	103.867	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	839253	114.803	ug/l	96
20) Methylene Chloride	4.52	84	284066	115.333	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	273577	118.528	ug/l	90
22) Diisopropyl ether	5.91	45	800228	102.124	ug/l	97
23) Vinyl Acetate	5.86	43	3130786	509.125	ug/l #	95
24) 1,1-Dichloroethane	5.81	63	476658	107.386	ug/l	97
25) 2-Butanone	6.80	43	845836	414.762	ug/l	93
26) 2,2-Dichloropropane	6.80	77	445286	110.378	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	314546	122.983	ug/l	88
28) Bromochloromethane	7.17	49	198106	130.152	ug/l #	76
29) Tetrahydrofuran	7.18	42	544353	438.101	ug/l	89
30) Chloroform	7.35	83	498776	114.158	ug/l	99
31) Cyclohexane	7.63	56	431515	102.887	ug/l	92
32) 1,1,1-Trichloroethane	7.54	97	461776	117.231	ug/l	95
36) 1,1-Dichloropropene	7.77	75	382484	118.800	ug/l	96
37) Ethyl Acetate	6.90	43	351366	93.898	ug/l	97
38) Carbon Tetrachloride	7.75	117	414684	124.125	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	468410	128.264	ug/l	93
40) Benzene	8.02	78	1117397	118.761	ug/l	99
41) Methacrylonitrile	7.18	41	503649	326.131	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	387503	107.543	ug/l	97
43) Isopropyl Acetate	8.14	43	608866	104.656	ug/l #	95
44) Trichloroethene	8.82	130	316667	128.493	ug/l	95
45) 1,2-Dichloropropane	9.10	63	282401	111.149	ug/l	100
46) Dibromomethane	9.19	93	200016	120.162	ug/l	91
47) Bromodichloromethane	9.39	83	408631	123.129	ug/l	99
48) Methyl methacrylate	9.18	41	280865	106.408	ug/l	90
49) 1,4-Dioxane	9.18	88	104530	2763.449	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	1754216	505.727	ug/l	95
52) Toluene	10.14	92	726929	125.742	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	467446	121.789	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	488649	121.117	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	282349	124.464	ug/l	98
56) Ethyl methacrylate	10.42	69	452866	134.473	ug/l	92
57) 1,3-Dichloropropane	10.70	76	461243	116.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	768556	717.561	ug/l	91
59) 2-Hexanone	10.74	43	1331281	486.972	ug/l	94
60) Dibromochloromethane	10.89	129	335969	135.696	ug/l	99
61) 1,2-Dibromoethane	10.99	107	308189	128.098	ug/l	99
64) Tetrachloroethene	10.62	164	294646	112.364	ug/l	97
65) Chlorobenzene	11.43	112	787193	129.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	303310	131.195	ug/l	99
67) Ethyl Benzene	11.50	91	1406296	128.002	ug/l	97
68) m/p-Xylenes	11.62	106	1082055	266.715	ug/l	92
69) o-Xylene	11.94	106	521217	135.022	ug/l	95
70) Styrene	11.96	104	914343	147.422	ug/l	97
71) Bromoform	12.12	173	263153	151.425	ug/l #	98
73) Isopropylbenzene	12.25	105	1394061	124.461	ug/l	99
74) N-amyl acetate	12.06	43	567290	110.413	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	412555	116.113	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	555906	157.380	ug/l #	100
77) Bromobenzene	12.52	156	359511	130.515	ug/l	84
78) n-propylbenzene	12.59	91	1609065	121.528	ug/l	97
79) 2-Chlorotoluene	12.67	91	935654	116.866	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	1189624	125.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	161329	112.808	ug/l	93
82) 4-Chlorotoluene	12.77	91	981452	119.727	ug/l	96
83) tert-Butylbenzene	12.99	119	1015637	126.525	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1203361	127.676	ug/l	98
85) sec-Butylbenzene	13.17	105	1358611	127.237	ug/l	98
86) p-Isopropyltoluene	13.28	119	1267532	131.067	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	648172	127.967	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	651368	127.549	ug/l	97
89) n-Butylbenzene	13.61	91	1137124	125.416	ug/l	98
90) Hexachloroethane	13.87	117	242411	132.609	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	622295	124.577	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91519	87.481	ug/l	79

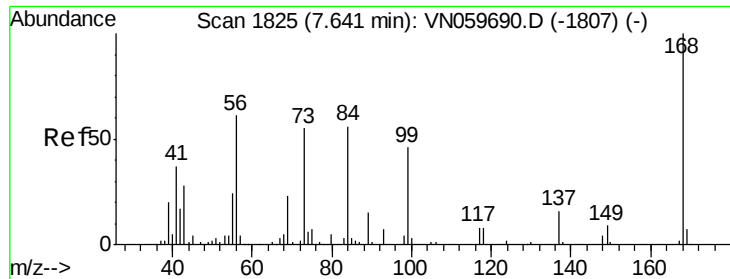
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	418750	129.819	ug/l	98
94) Hexachlorobutadiene	15.01	225	201285	116.527	ug/l	100
95) Naphthalene	15.13	128	1223485	127.056	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	403835	123.783	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

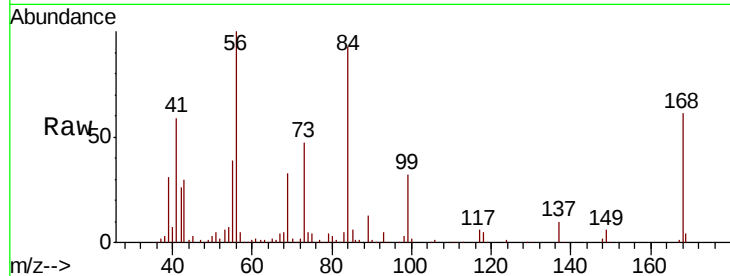
VSTDIC150

Tot Ion:168 Resp: 197399

Ion Ratio Lower Upper

168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)

120000

100000

80000

60000

40000

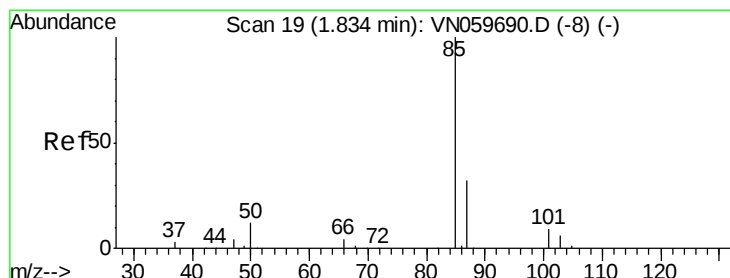
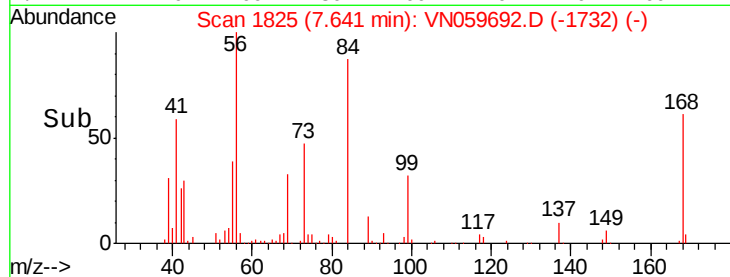
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 131.213 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059692.D

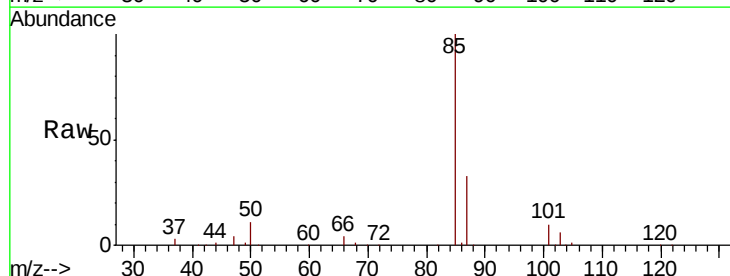
Acq: 13 Jan 2020 15:40

Tgt Ion: 85 Resp: 334695

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN059690.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059690.D (-8) (-)

250000

200000

150000

100000

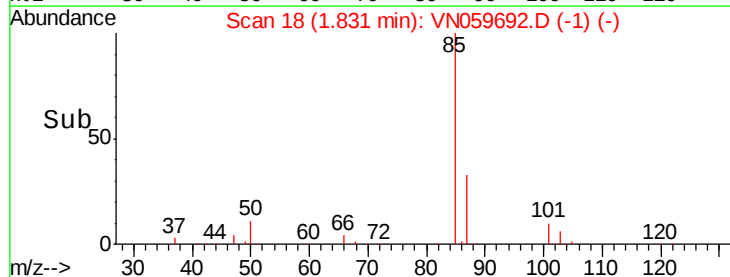
50000

0

1.80

1.90

Time-->





#3

Chloromethane

Concen: 79.601 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

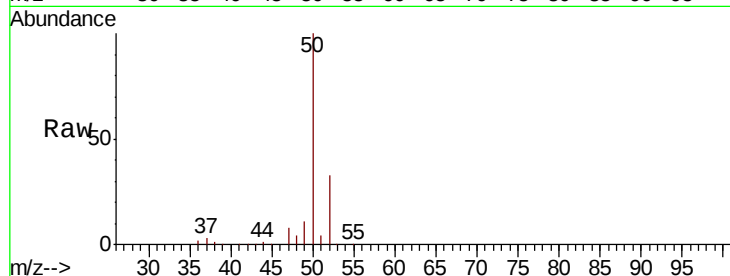
VSTDIC150

Tot Ion: 50 Resp: 322214

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

250000

200000

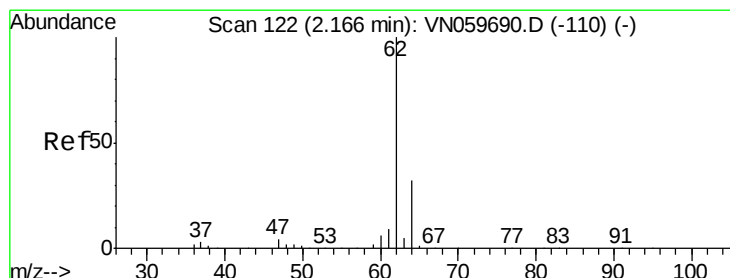
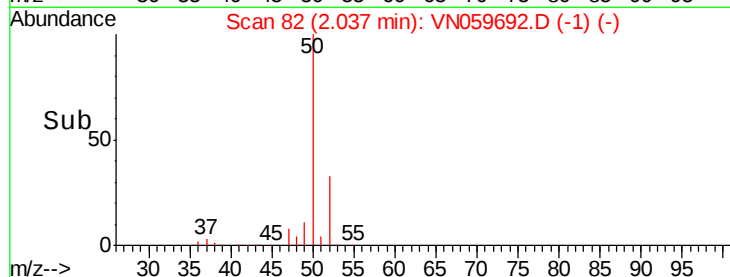
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 102.075 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059692.D

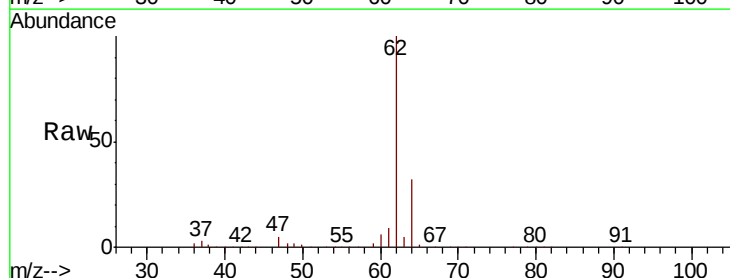
Acq: 13 Jan 2020 15:40

Tgt Ion: 62 Resp: 391826

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

300000

250000

200000

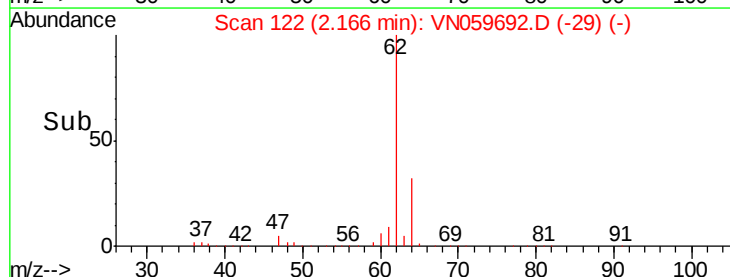
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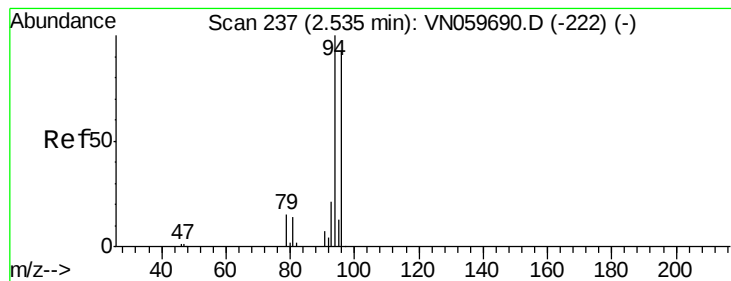
100000

50000

0

Time--> 2.10 2.20 2.30





#5

Bromomethane

Concen: 104.268 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

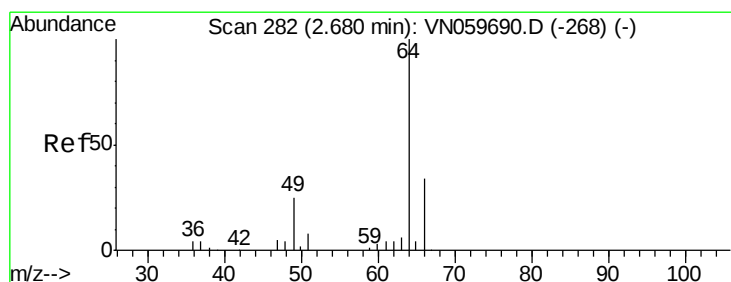
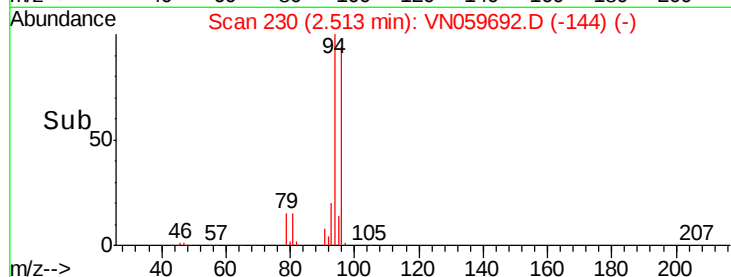
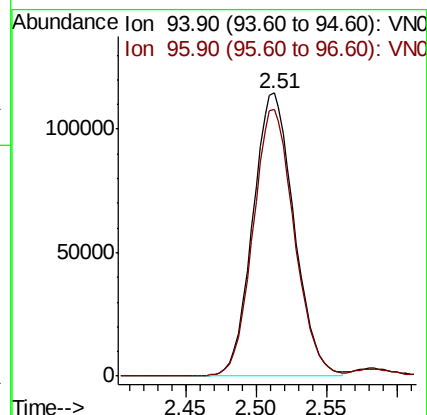
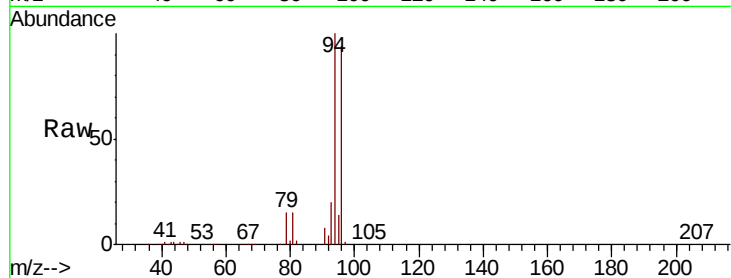
VSTDIC150

Tot Ion: 94 Resp: 232678

Ion Ratio Lower Upper

94 100

96 94.3 74.7 112.1



#6

Chloroethane

Concen: 84.296 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.01 min

Lab File: VN059692.D

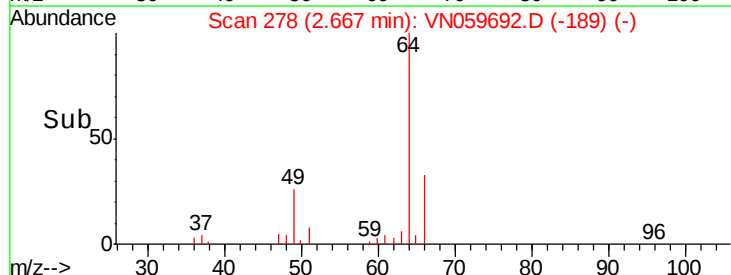
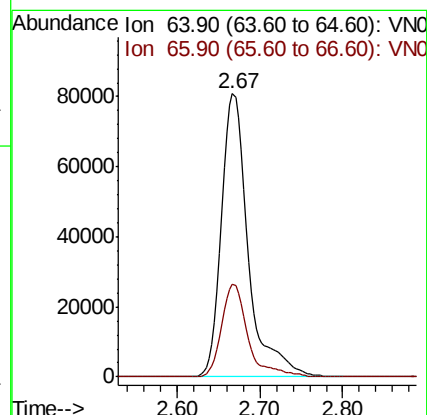
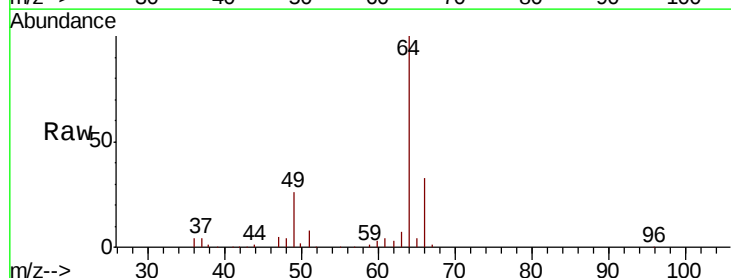
Acq: 13 Jan 2020 15:40

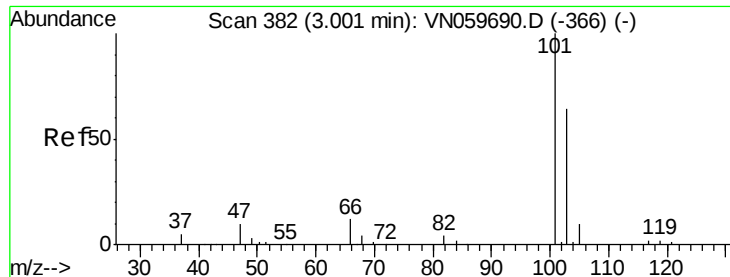
Tgt Ion: 64 Resp: 181858

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7



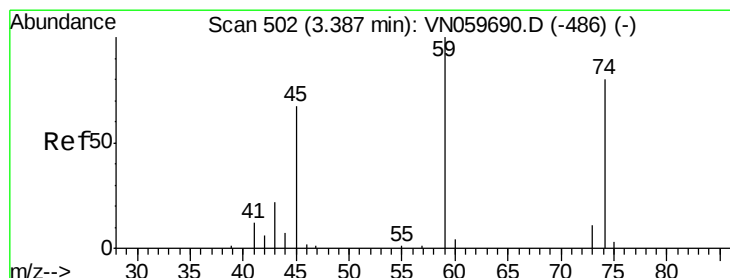
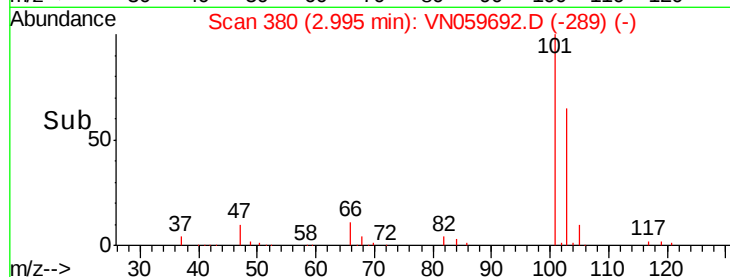
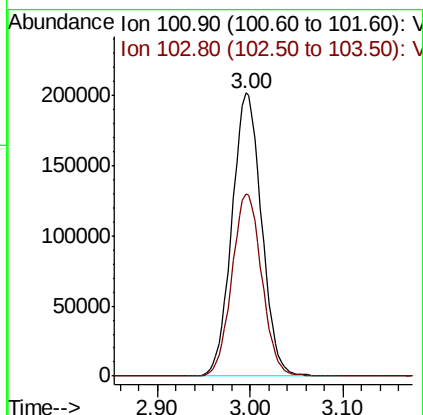
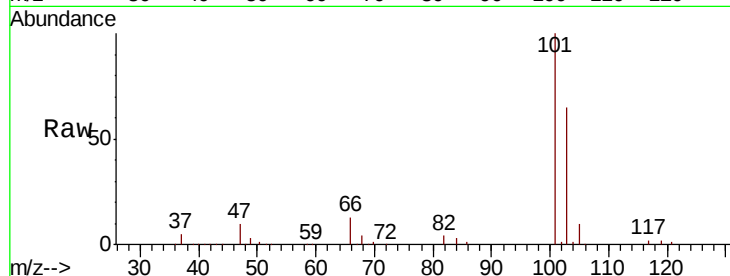


#7

Trichlorofluoromethane
Concen: 106.262 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.01 min
Lab File: VN059692.D
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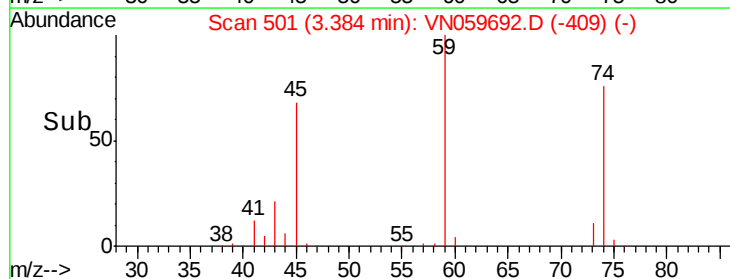
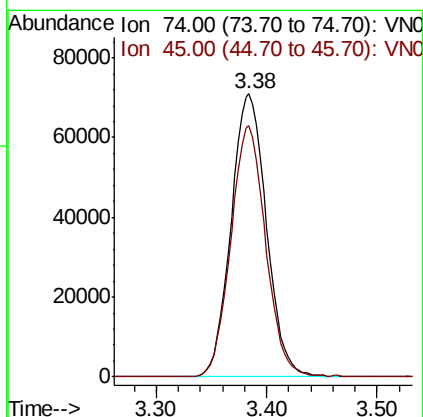
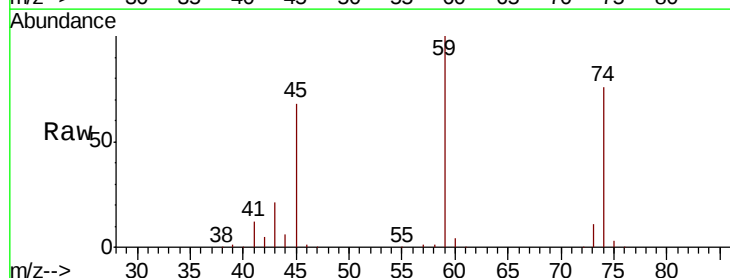
Tot Ion:101 Resp: 447540
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6



#8

Diethyl Ether
Concen: 119.592 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 74 Resp: 157375
Ion Ratio Lower Upper
74 100
45 87.5 51.9 155.8

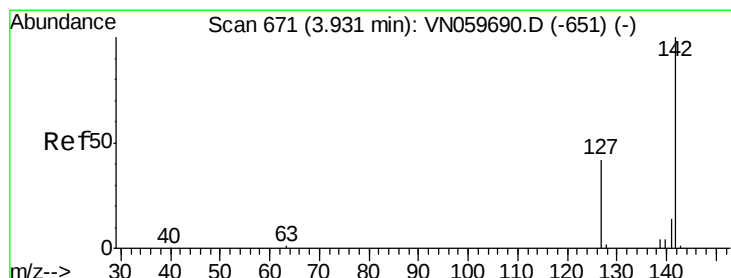
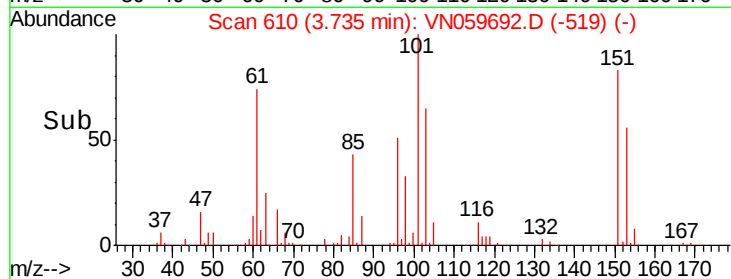
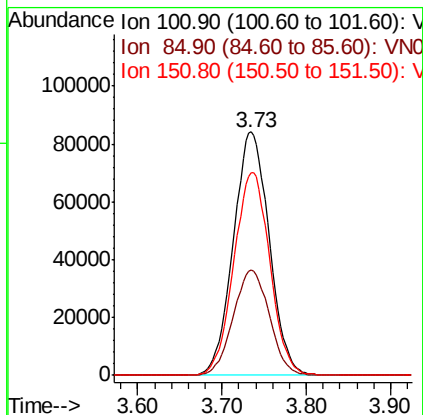
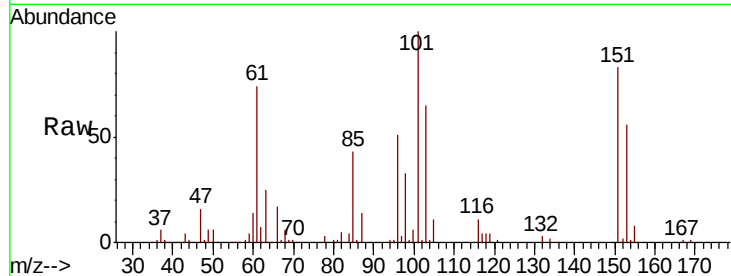




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 117.482 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

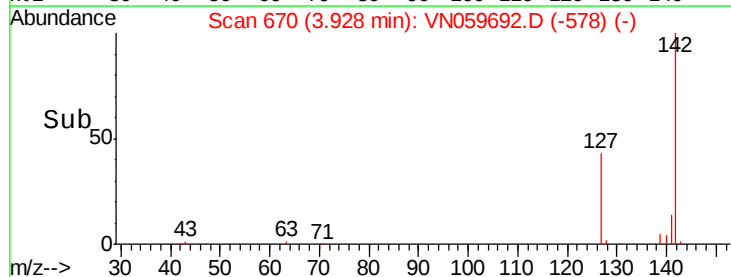
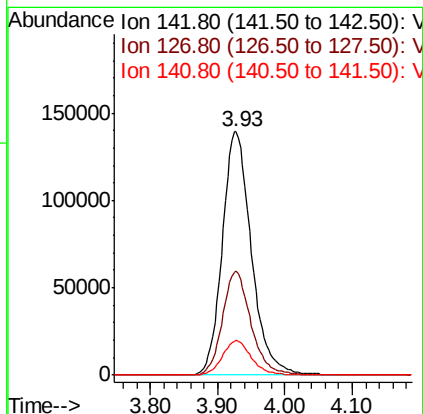
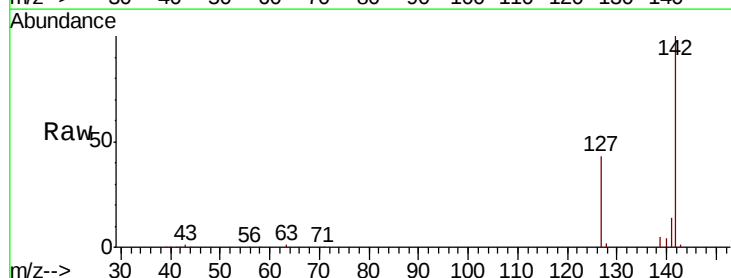
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

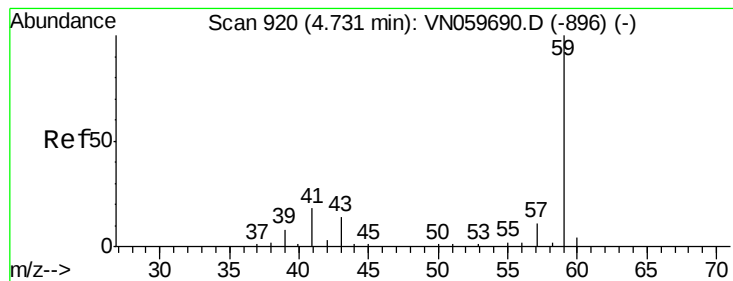
Tot Ion:101 Resp: 249348
 Ion Ratio Lower Upper
 101 100
 85 43.6 36.6 54.8
 151 83.6 59.7 89.5



#10
 Methyl Iodide
 Concen: 149.002 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion:142 Resp: 418668
 Ion Ratio Lower Upper
 142 100
 127 42.0 36.7 55.1
 141 14.1 11.7 17.5



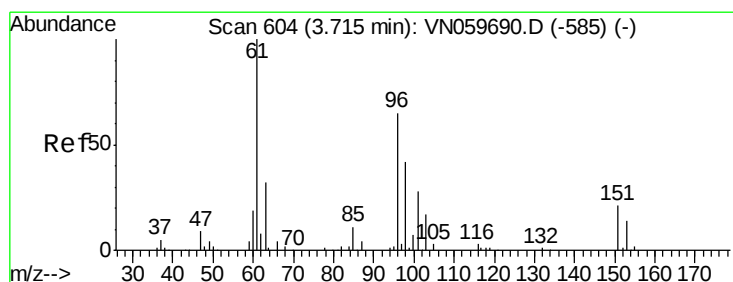
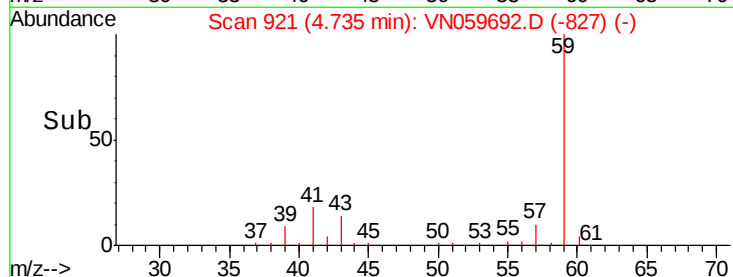
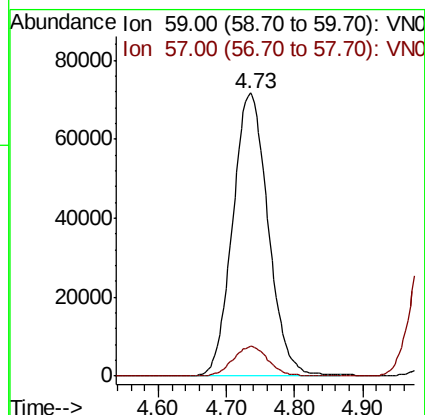
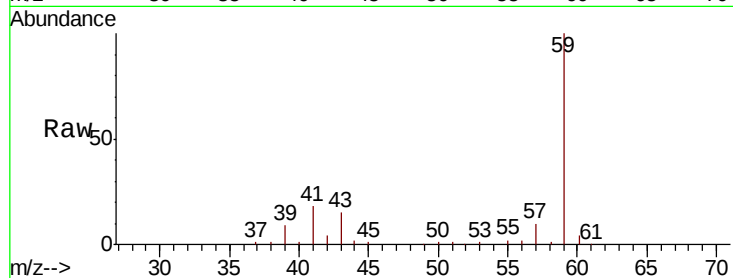


#11

Tert butyl alcohol
 Concen: 492.106 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

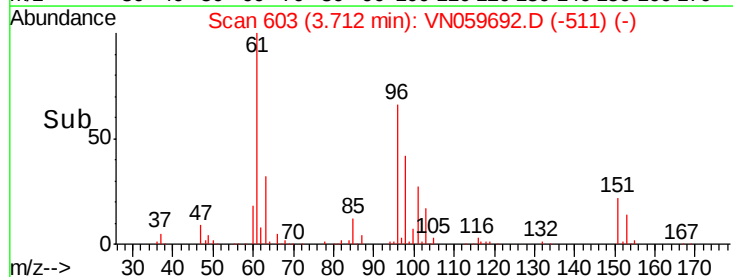
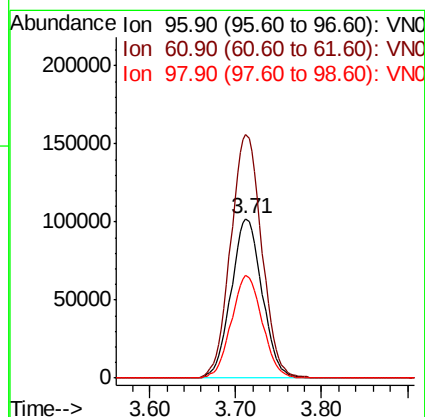
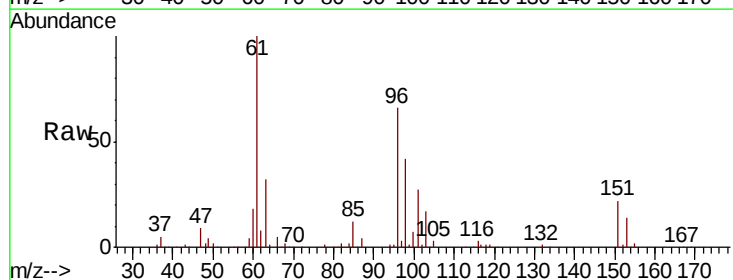
Tot Ion: 59 Resp: 259149
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8

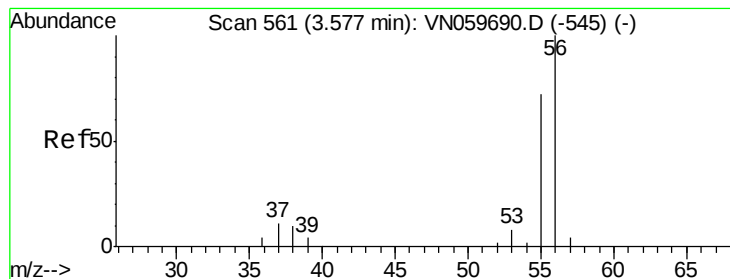


#12

1,1-Dichloroethene
 Concen: 123.606 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion: 96 Resp: 255921
 Ion Ratio Lower Upper
 96 100
 61 152.6 137.5 206.3
 98 64.0 50.2 75.4





#13

Acrolein

Concen: 497.833 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

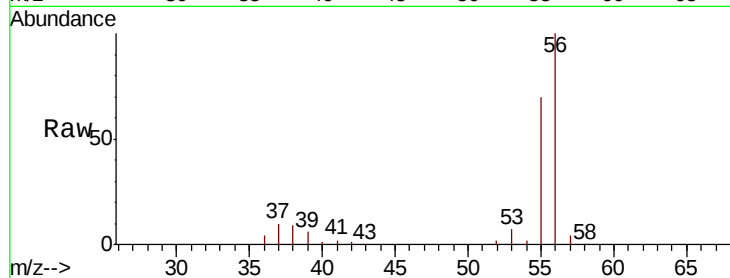
VSTDICC150

Tot Ion: 56 Resp: 186749

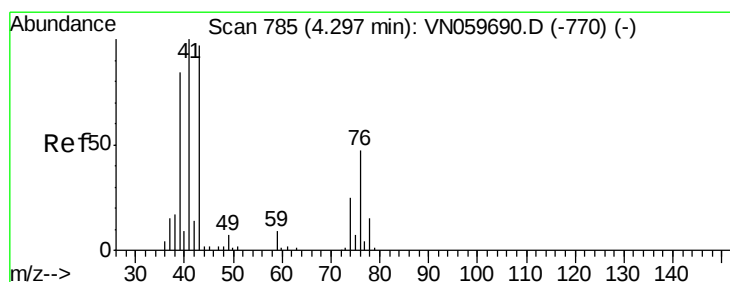
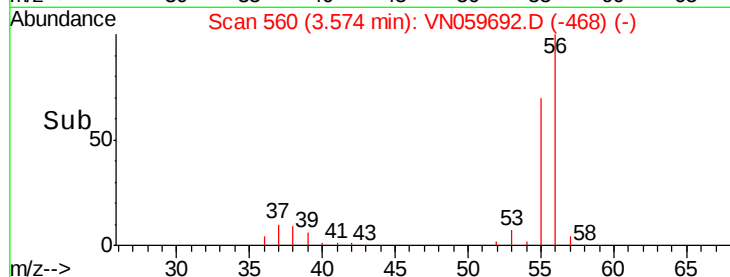
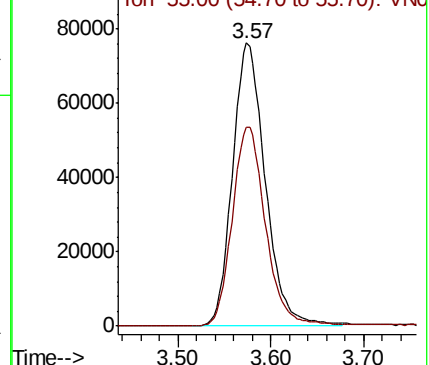
Ion Ratio Lower Upper

56 100

55 71.6 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 84.722 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

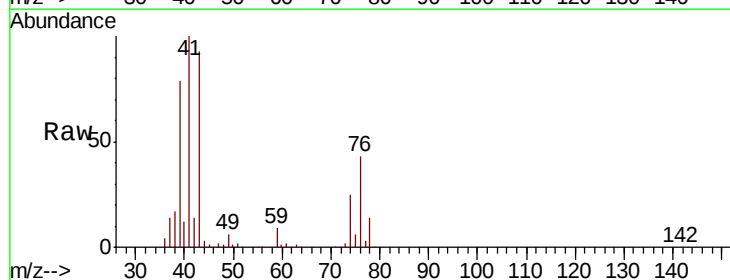
Tgt Ion: 41 Resp: 360101

Ion Ratio Lower Upper

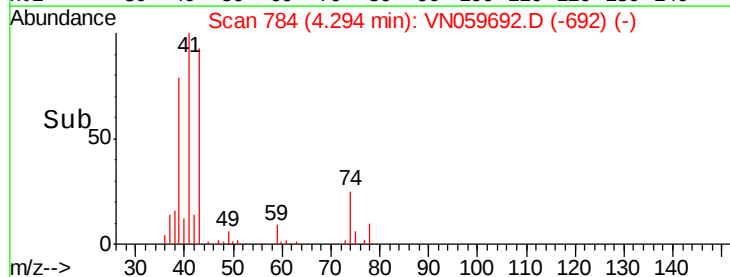
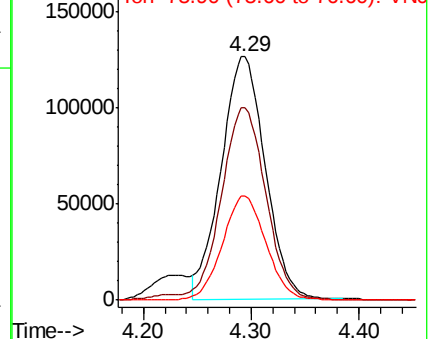
41 100

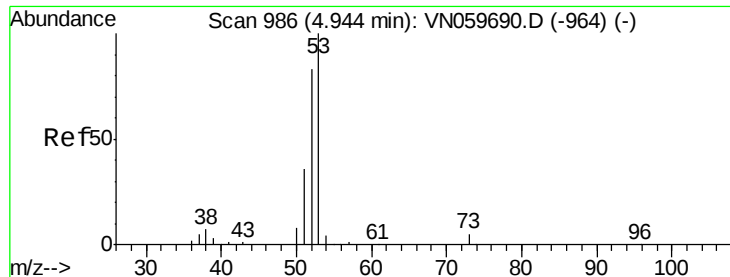
39 80.9 57.8 86.8

76 42.5 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 497.663 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

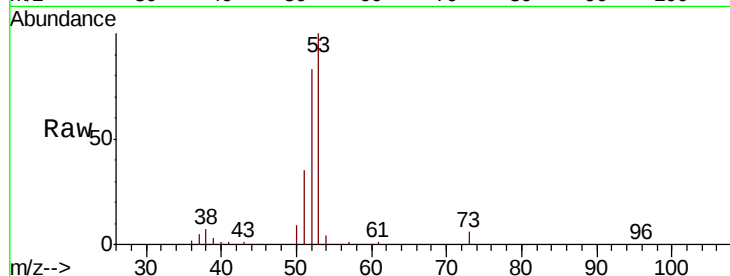
Tot Ion: 53 Resp: 633926

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

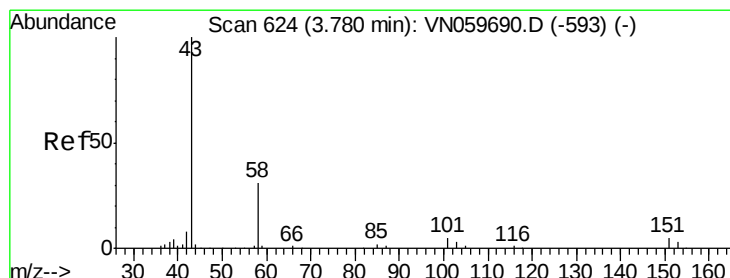
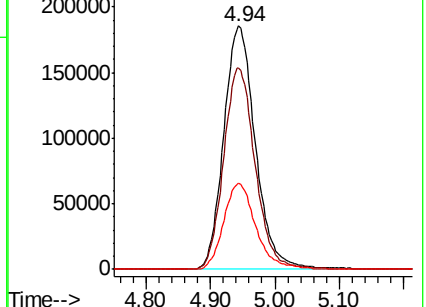
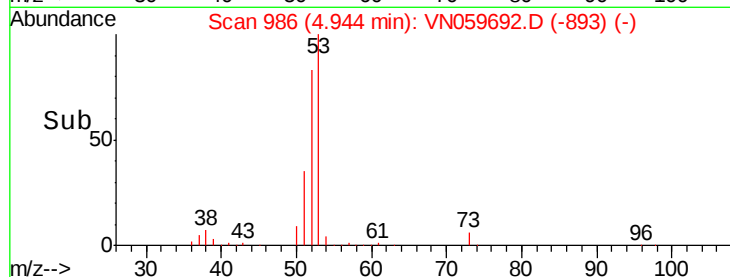
51 36.1 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059692.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059692.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059692.D (-893) (-)



#16

Acetone

Concen: 309.435 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059692.D

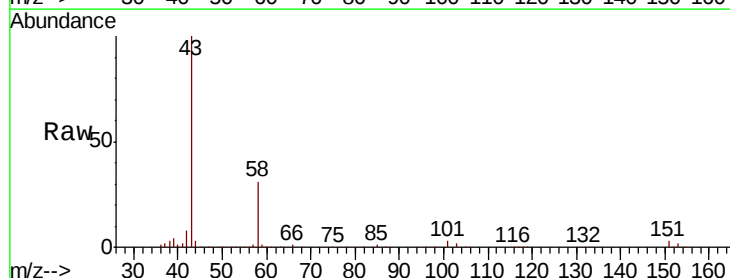
Acq: 13 Jan 2020 15:40

Tgt Ion: 43 Resp: 527709

Ion Ratio Lower Upper

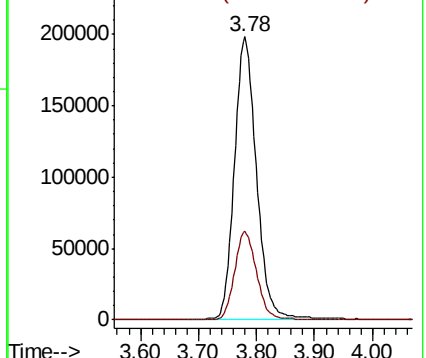
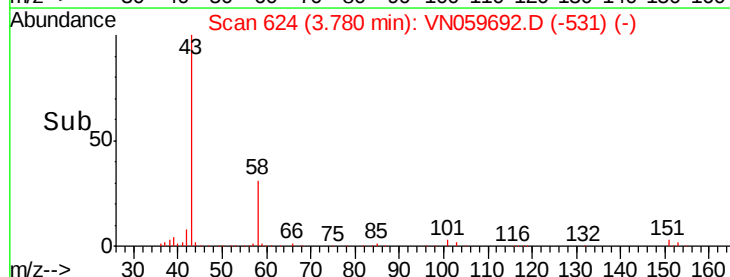
43 100

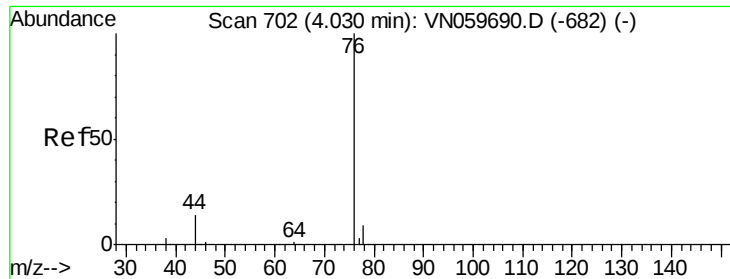
58 31.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059692.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN059692.D (-531) (-)

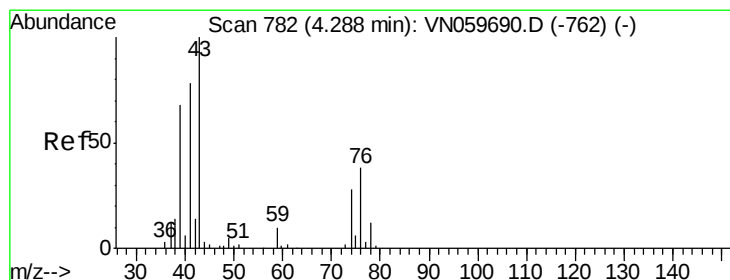
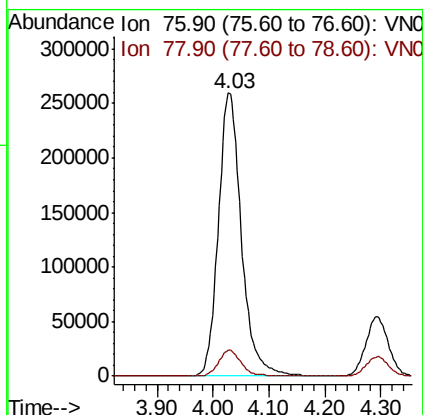
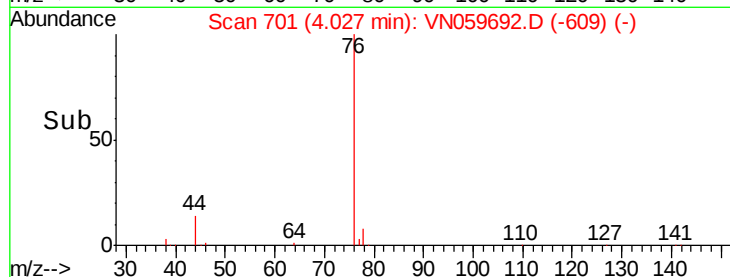
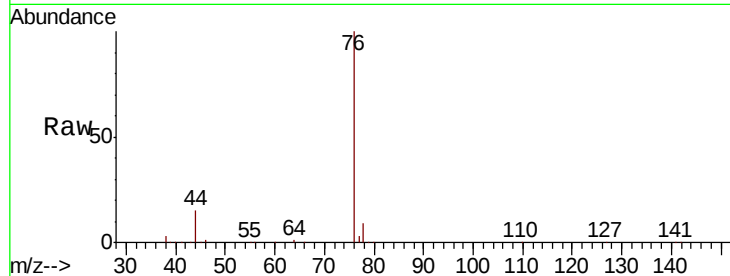




#17
Carbon Disulfide
Concen: 104.683 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

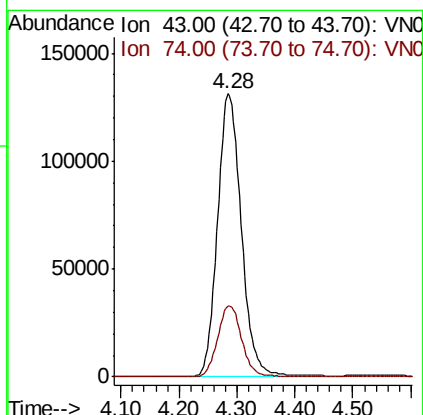
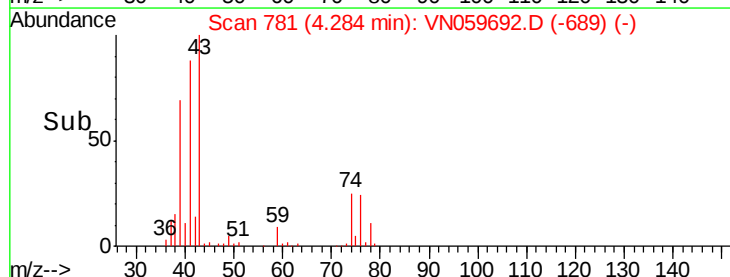
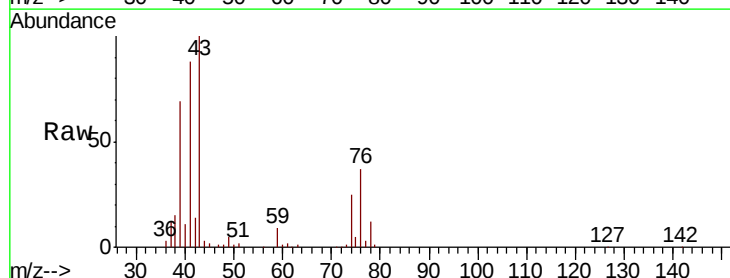
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

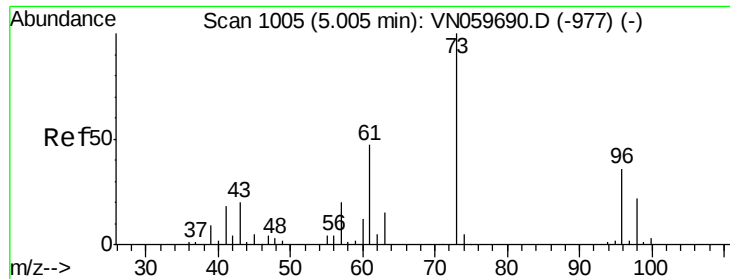
Tot Ion: 76 Resp: 744242
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 103.867 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 43 Resp: 371171
Ion Ratio Lower Upper
43 100
74 25.8 17.5 26.3



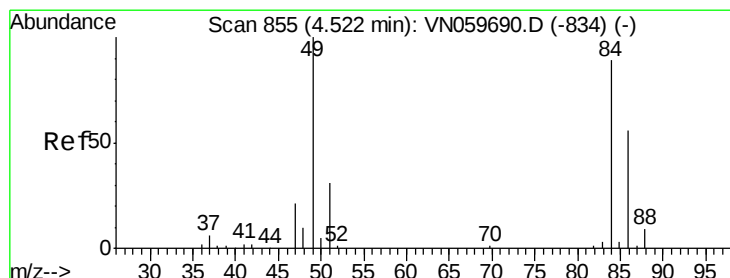
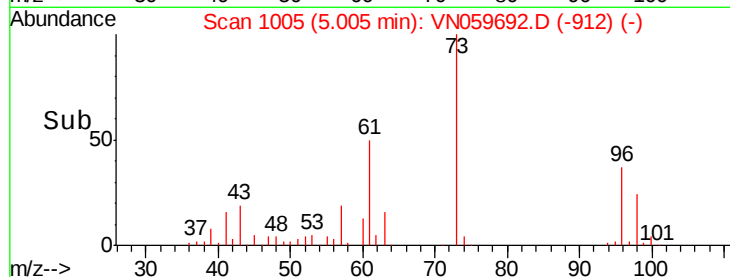
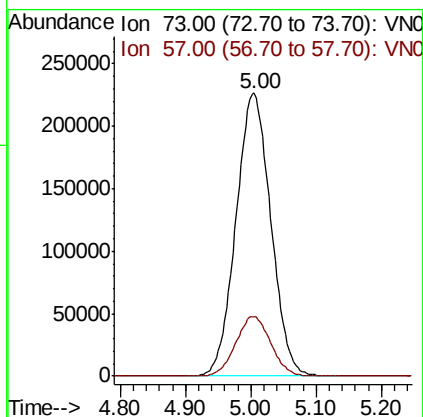
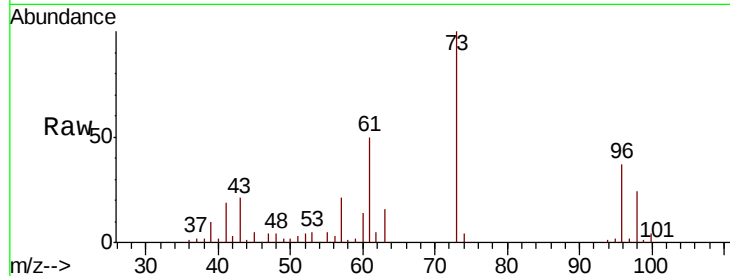


#19

Methyl tert-butyl Ether
 Concen: 114.803 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC150

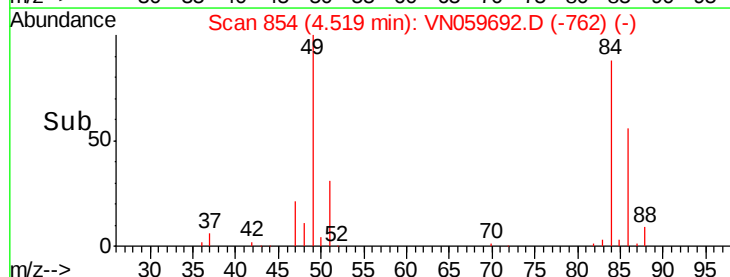
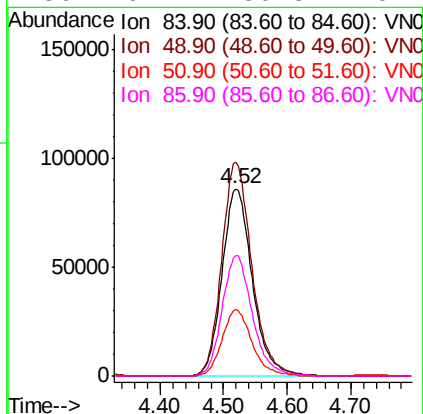
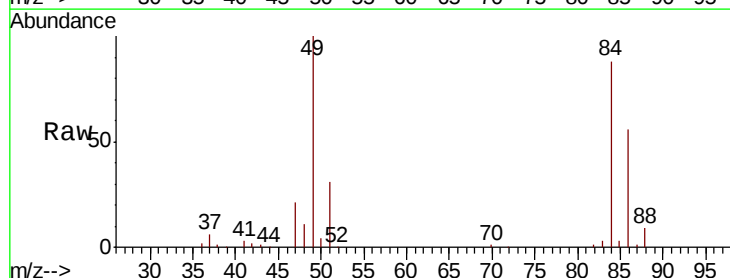
Tot Ion: 73 Resp: 839253
 Ion Ratio Lower Upper
 73 100
 57 21.1 18.6 27.8

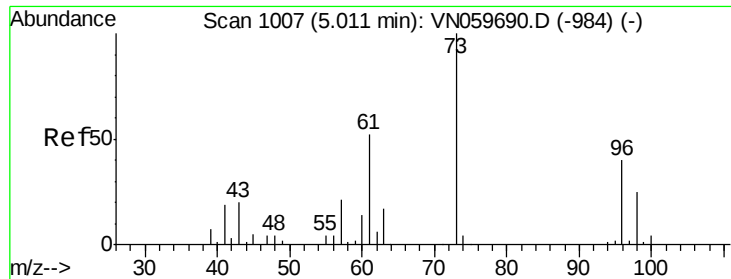


#20

Methylene Chloride
 Concen: 115.333 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion: 84 Resp: 284066
 Ion Ratio Lower Upper
 84 100
 49 114.1 106.6 160.0
 51 35.2 31.9 47.9
 86 64.2 50.8 76.2



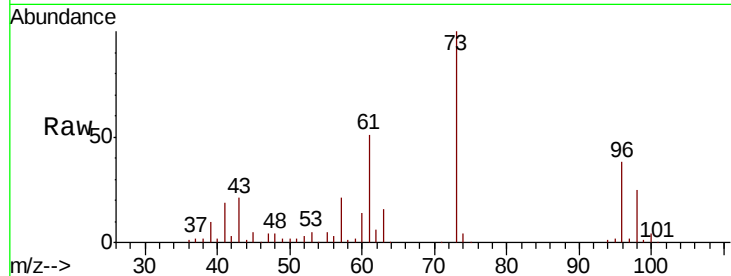


#21

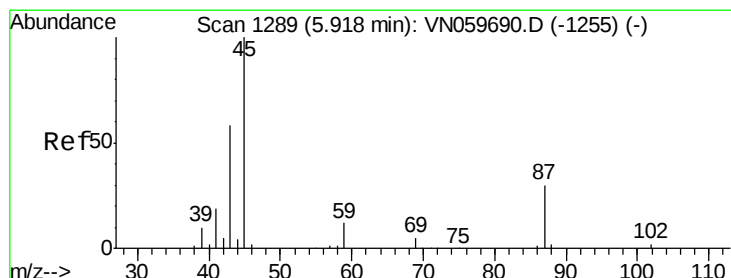
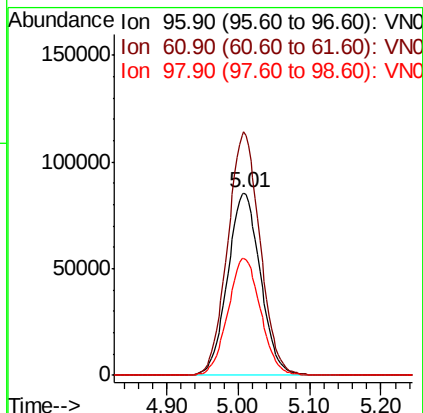
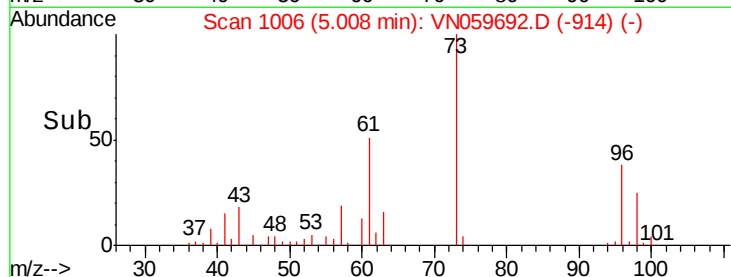
trans-1,2-Dichloroethene
Concen: 118.528 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 96 Resp: 273577
Ion Ratio Lower Upper
96 100
61 133.2 120.4 180.6
98 64.0 50.6 75.8



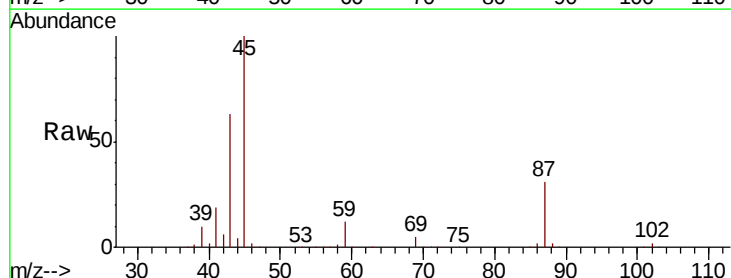
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



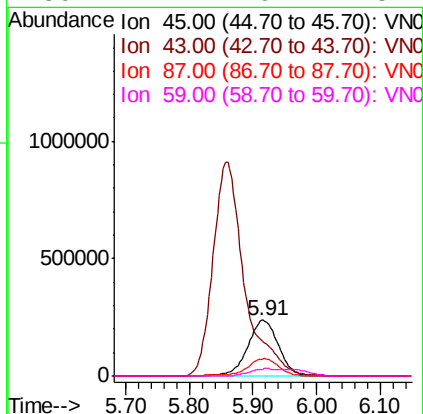
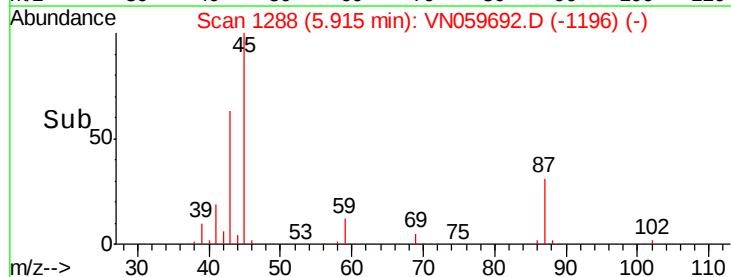
#22

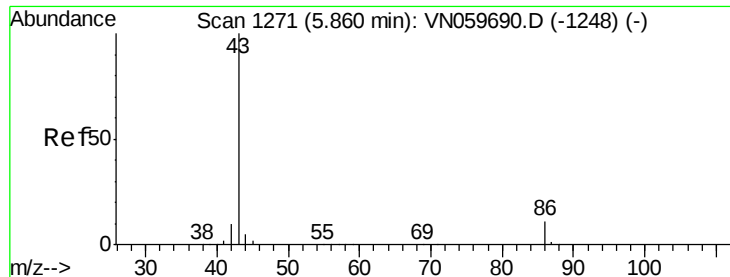
Diisopropyl ether
Concen: 102.124 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 45 Resp: 800228
Ion Ratio Lower Upper
45 100
43 62.2 50.8 76.2
87 30.7 21.0 31.6
59 12.2 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 509.125 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

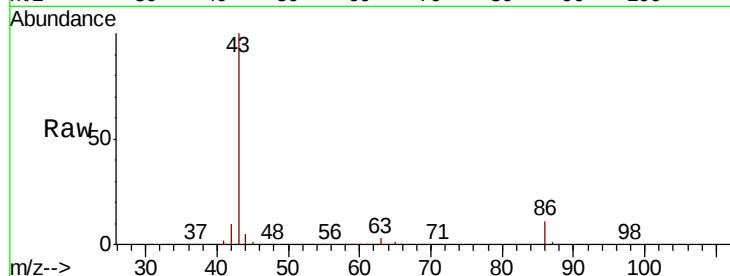
VSTDICC150

Tot Ion: 43 Resp: 3130786

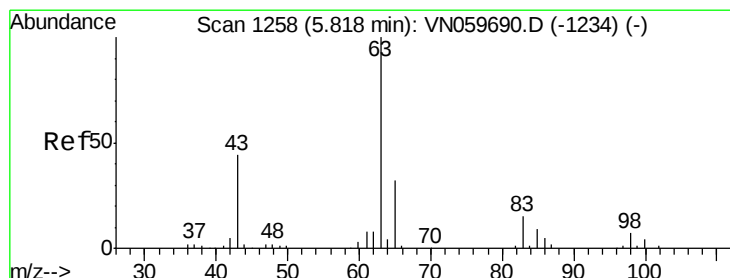
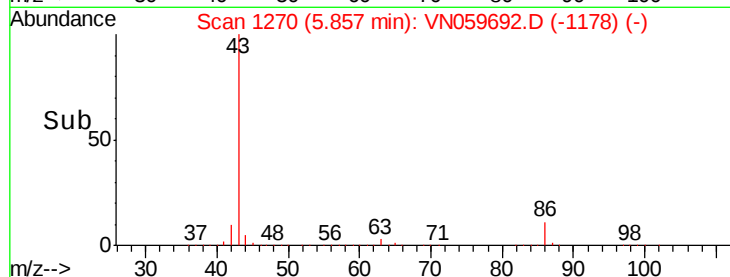
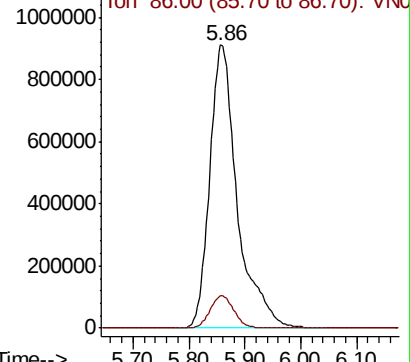
Ion Ratio Lower Upper

43 100

86 11.4 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1248) (-)



#24

1,1-Dichloroethane

Concen: 107.386 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

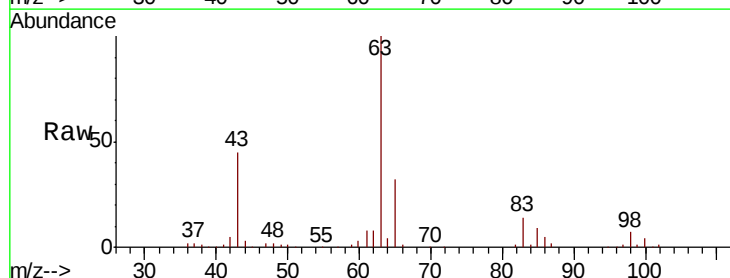
Tgt Ion: 63 Resp: 476658

Ion Ratio Lower Upper

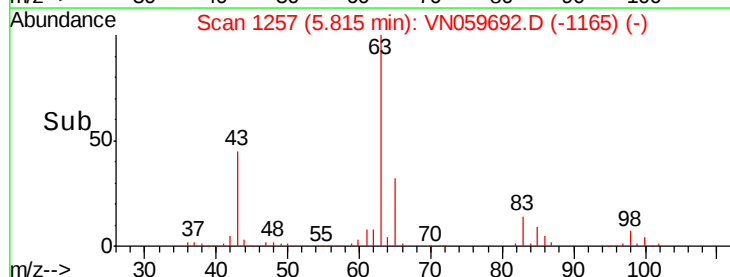
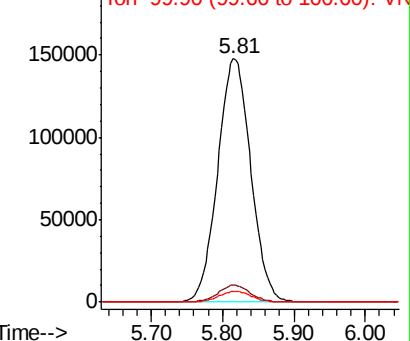
63 100

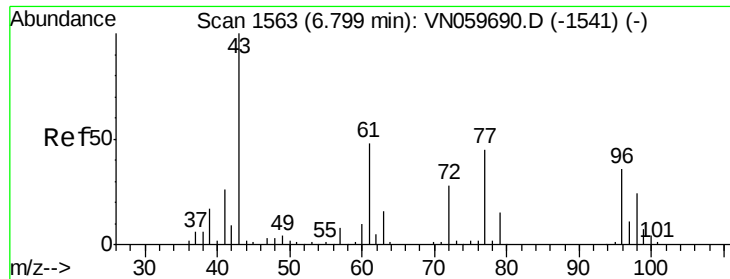
98 6.9 2.9 8.7

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059690.D (-1234) (-)





#25

2-Butanone

Concen: 414.762 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

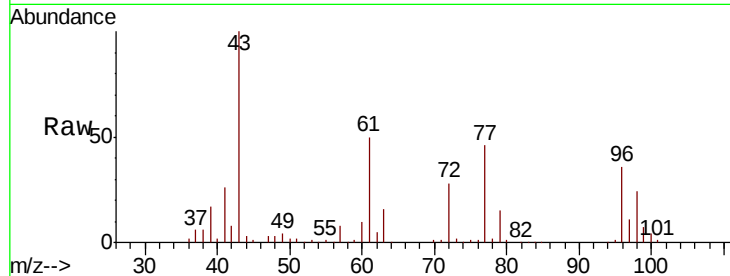
VSTDIC150

Tot Ion: 43 Resp: 845836

Ion Ratio Lower Upper

43 100

72 28.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059692.D (-1470) (-)

Ion 72.00 (71.70 to 72.70): VN059692.D (-1470) (-)

6.80

300000

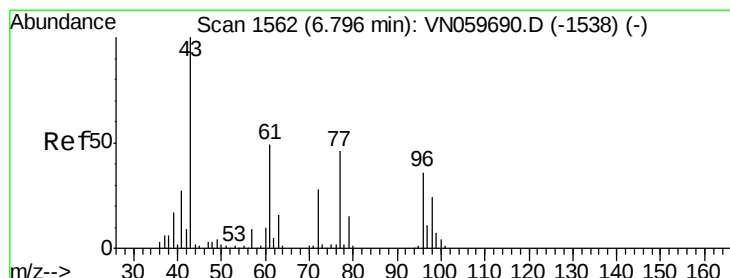
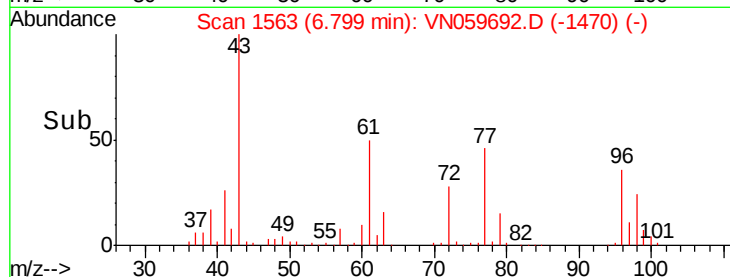
200000

100000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 110.378 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059692.D

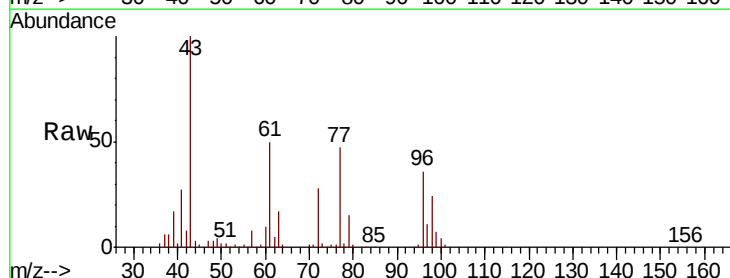
Acq: 13 Jan 2020 15:40

Tgt Ion: 77 Resp: 445286

Ion Ratio Lower Upper

77 100

97 23.4 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059692.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059692.D (-1469) (-)

6.80

150000

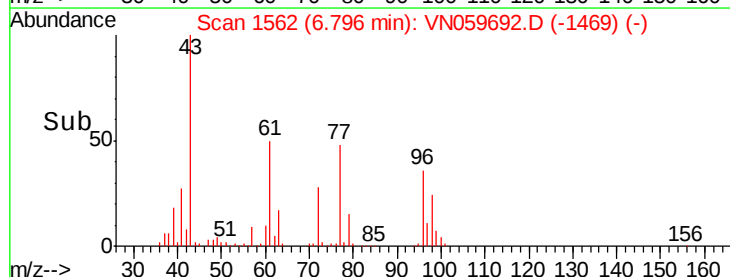
100000

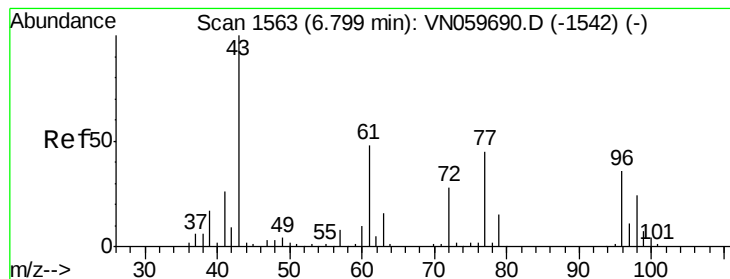
50000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 122.983 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

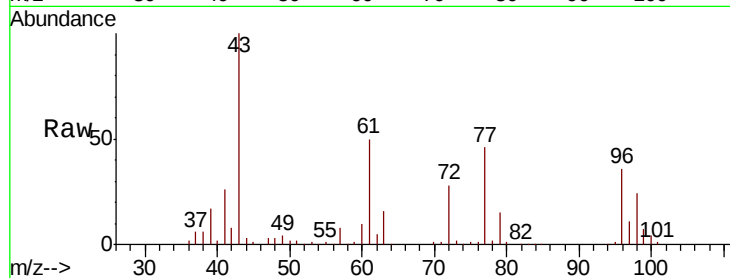
Tot Ion: 96 Resp: 314546

Ion Ratio Lower Upper

96 100

61 138.5 0.0 317.6

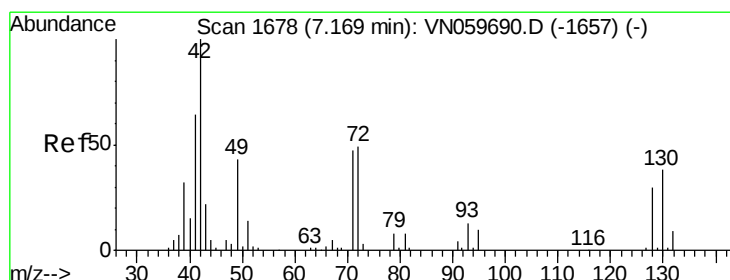
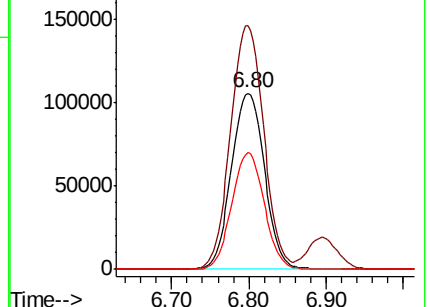
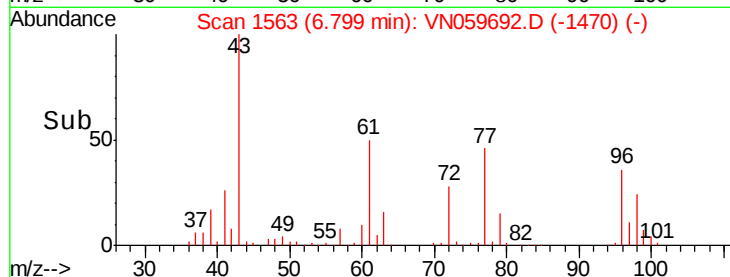
98 64.8 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059692.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059692.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059692.D (-1470) (-)



#28

Bromochloromethane

Concen: 130.152 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

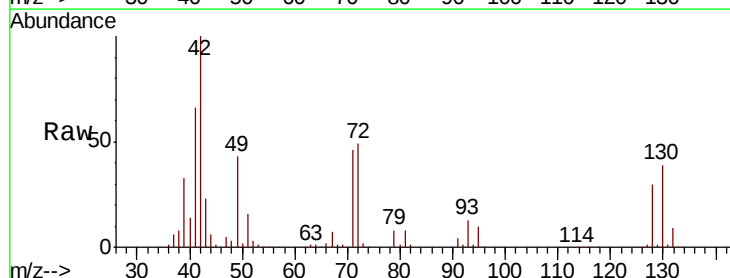
Tgt Ion: 49 Resp: 198106

Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.4

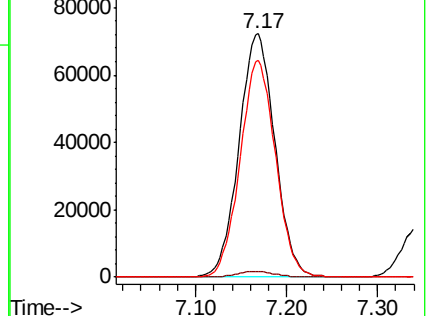
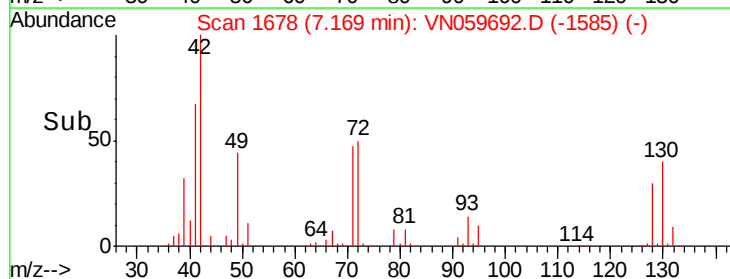
130 87.9 54.7 82.1#

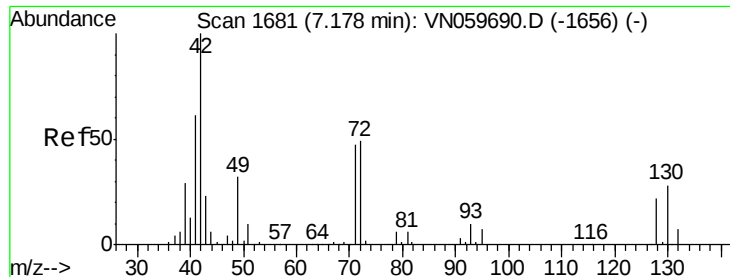


Abundance Ion 48.90 (48.60 to 49.60): VN059692.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059692.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059692.D (-1585) (-)

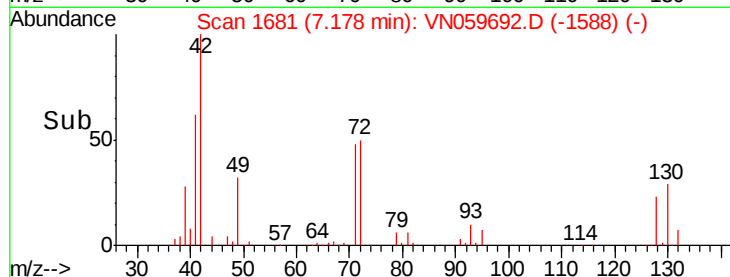
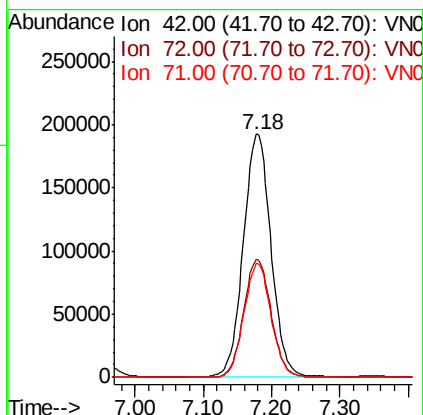
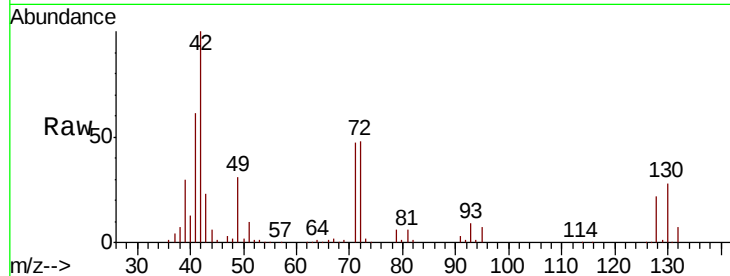




#29
Tetrahydrofuran
Concen: 438.101 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

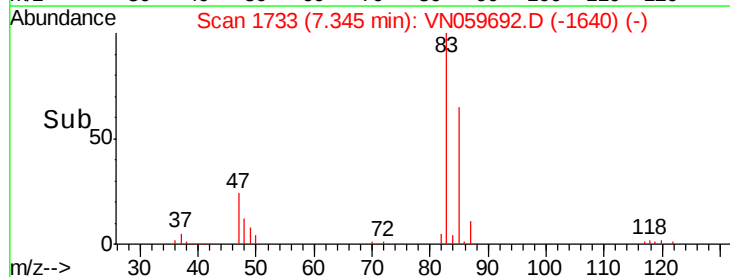
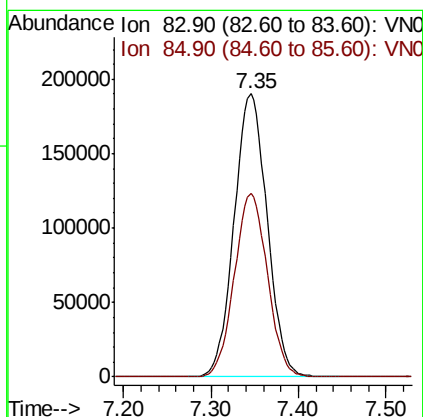
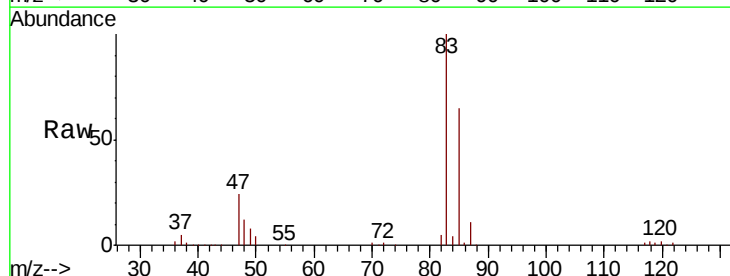
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

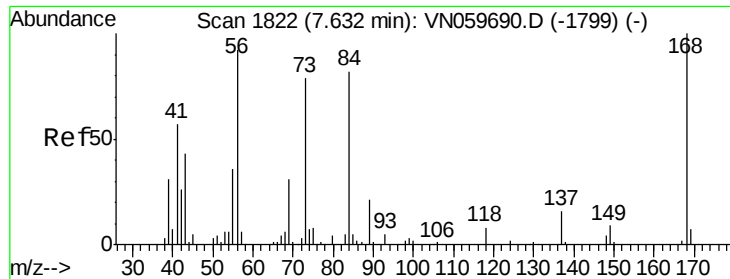
Tot Ion: 42 Resp: 544353
Ion Ratio Lower Upper
42 100
72 48.0 33.1 49.7
71 45.8 31.4 47.0



#30
Chloroform
Concen: 114.158 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 83 Resp: 498776
Ion Ratio Lower Upper
83 100
85 64.7 52.4 78.6

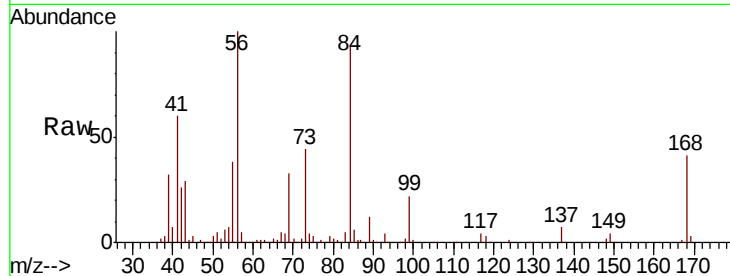




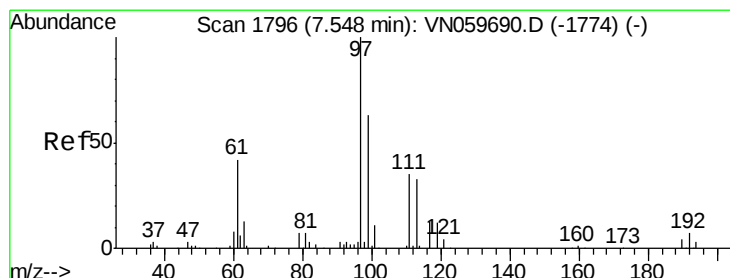
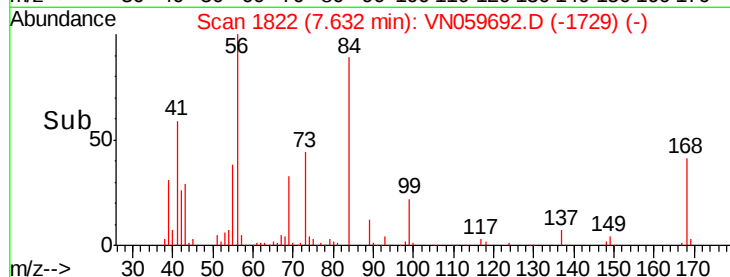
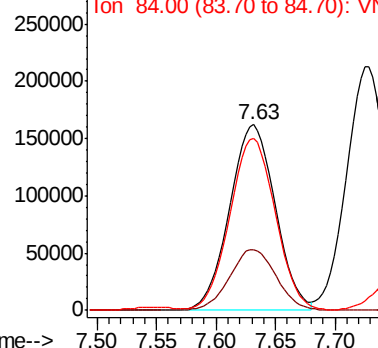
#31
Cyclohexane
Concen: 102.887 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 431515
Ion Ratio Lower Upper
56 100
69 32.8 26.5 39.7
84 91.2 65.3 97.9

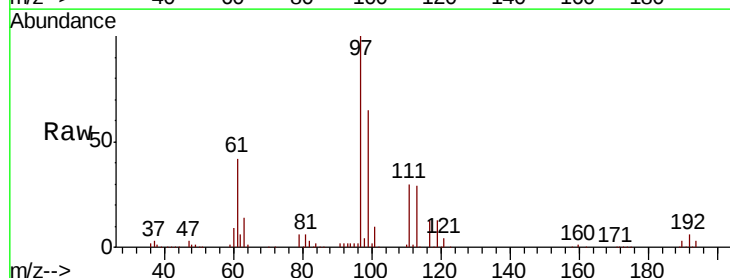


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

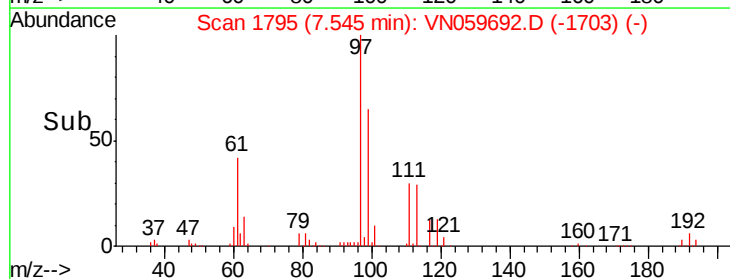
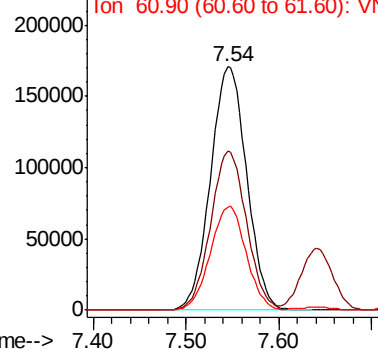


#32
1,1,1-Trichloroethane
Concen: 117.231 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 97 Resp: 461776
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 42.2 38.5 57.7



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

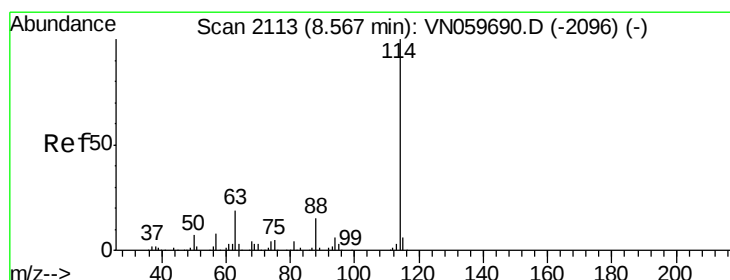
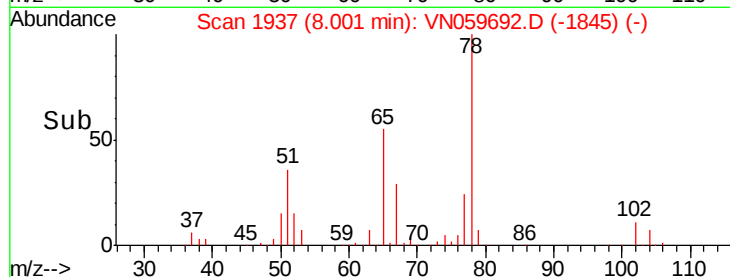
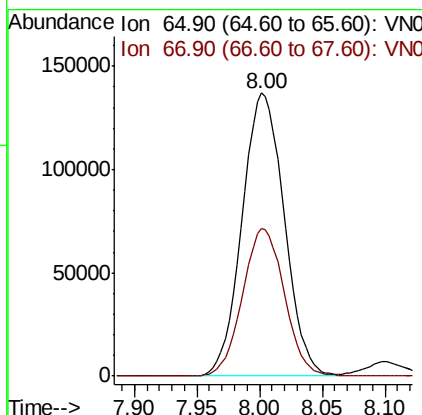
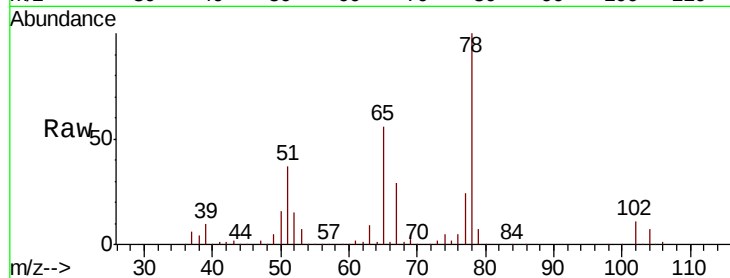




#33
 1,2-Dichloroethane-d4
 Concen: 111.438 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

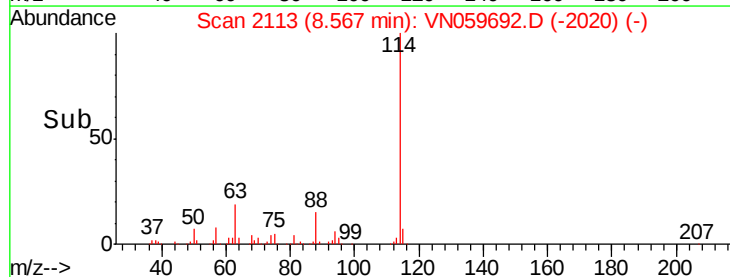
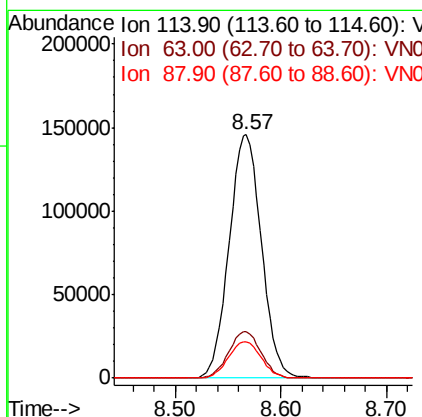
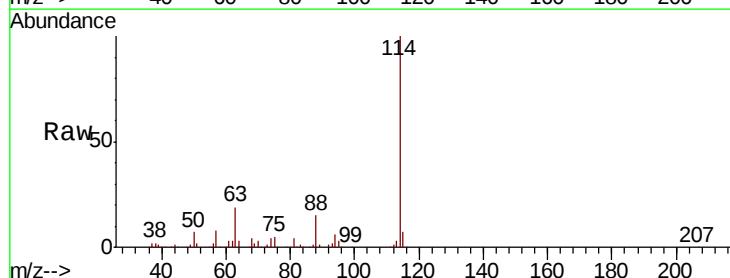
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

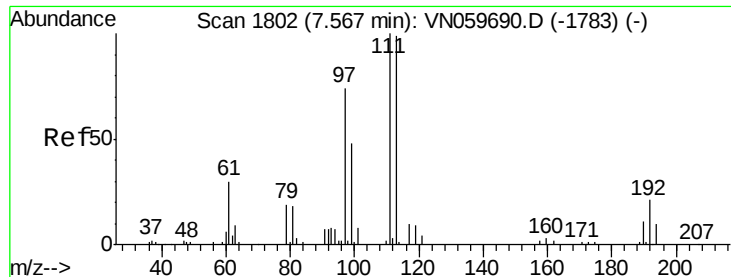
Tot Ion: 65 Resp: 320100
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion: 114 Resp: 308726
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 14.9 0.0 31.4

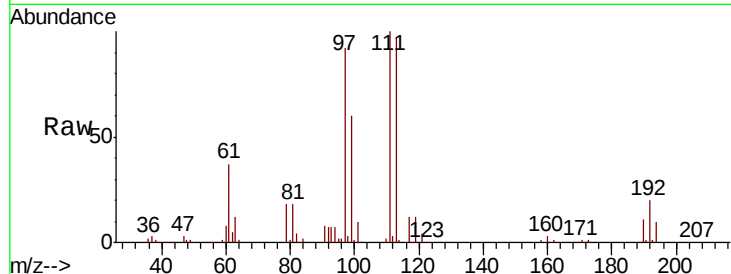




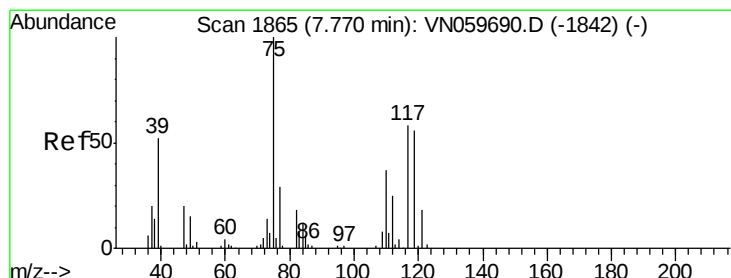
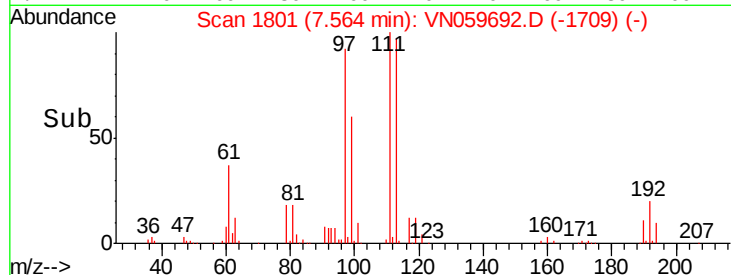
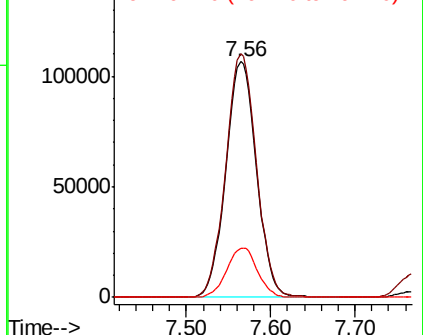
#35
Dibromofluoromethane
Concen: 139.275 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.5	125.3
192	21.1	15.4	23.2

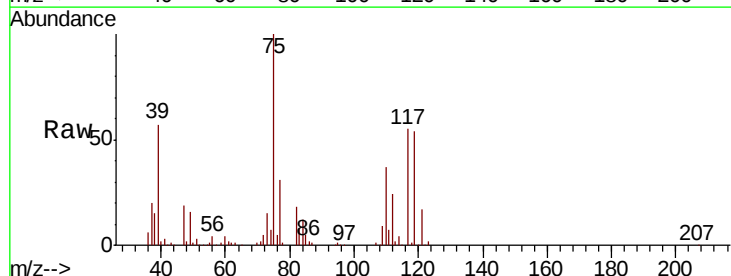


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

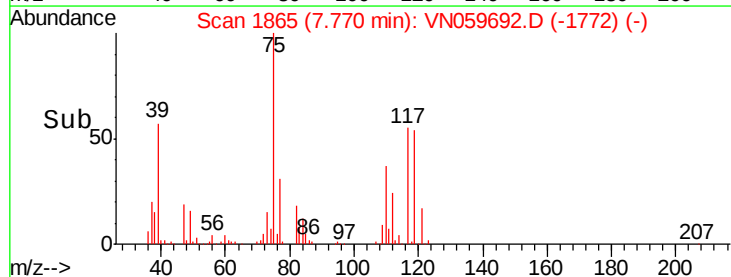
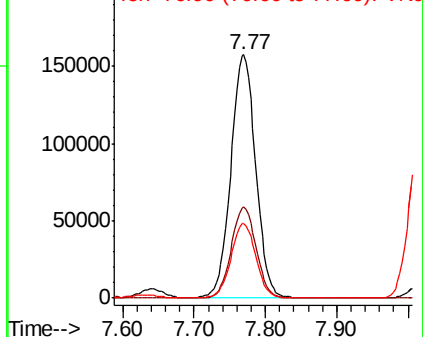


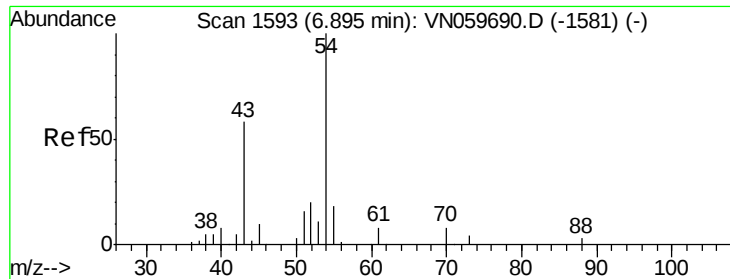
#36
1,1-Dichloropropene
Concen: 118.800 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	16.6	49.7
77	30.9	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

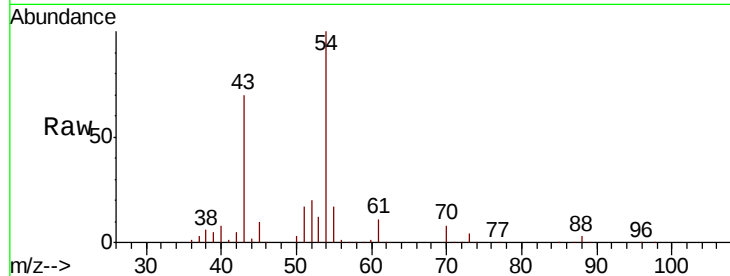




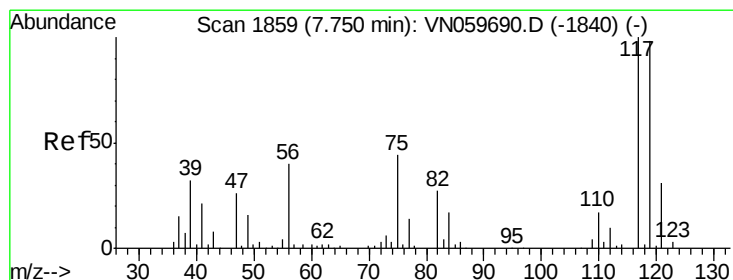
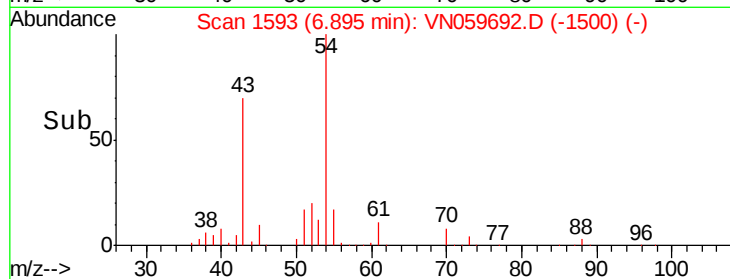
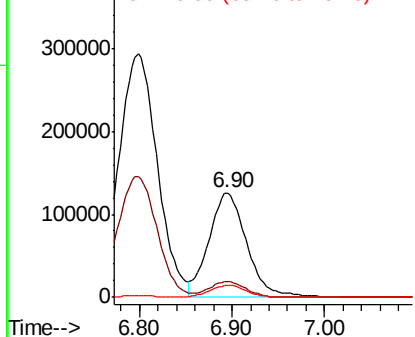
#37
Ethyl Acetate
Concen: 93.898 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 351366
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 11.3 7.7 11.5

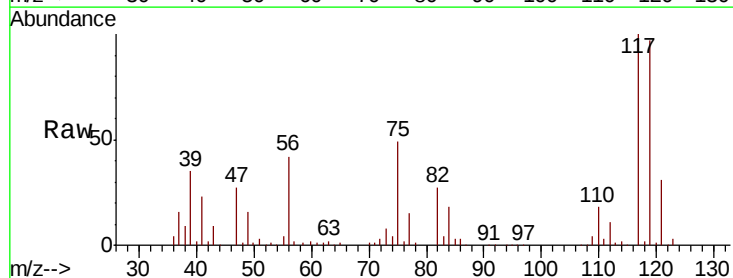


Abundance Ion 43.00 (42.70 to 43.70): VN059692.D (-1500) (-)
Ion 60.90 (60.60 to 61.60): VN059692.D (-1500) (-)
Ion 70.00 (69.70 to 70.70): VN059692.D (-1500) (-)

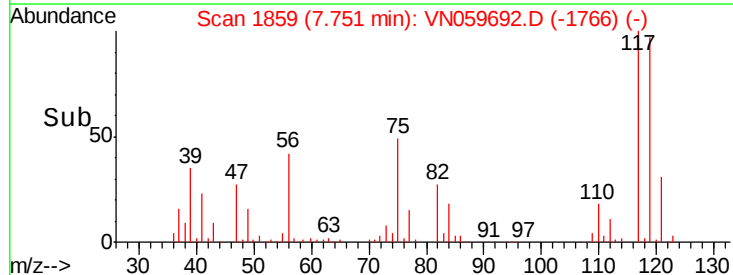
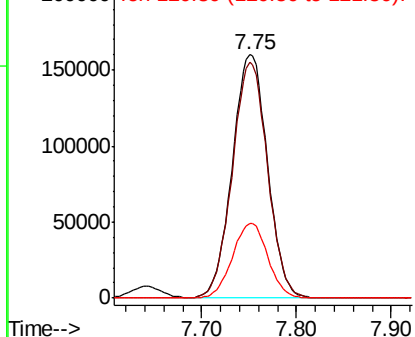


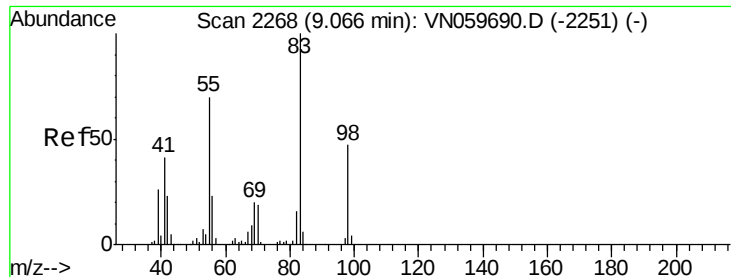
#38
Carbon Tetrachloride
Concen: 124.125 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 117 Resp: 414684
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
121 30.8 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VN059692.D (-1766) (-)
Ion 118.80 (118.50 to 119.50): VN059692.D (-1766) (-)
Ion 120.80 (120.50 to 121.50): VN059692.D (-1766) (-)

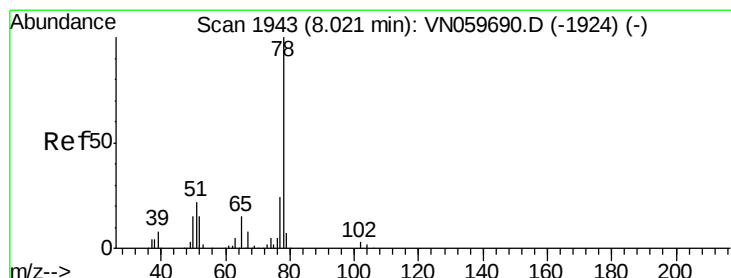
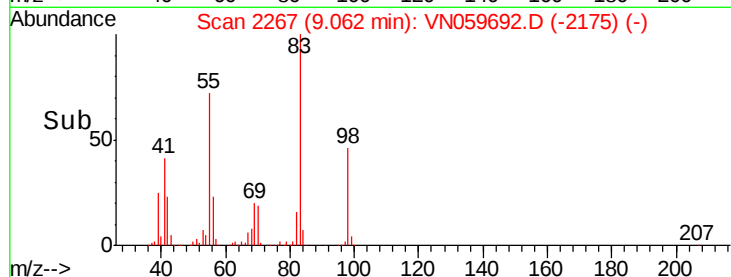
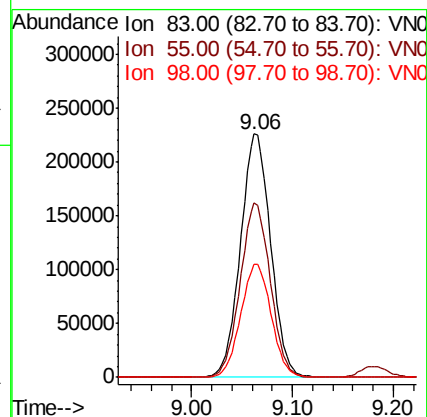
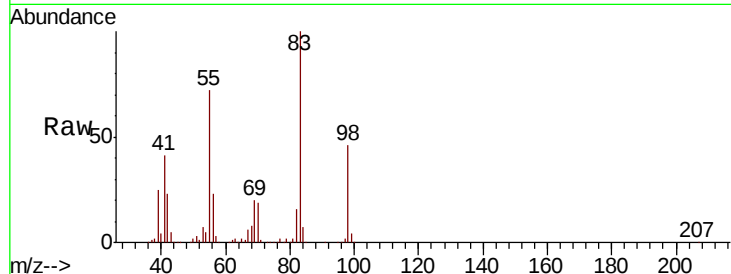




#39
Methvlcvclohexane
Concen: 128.264 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

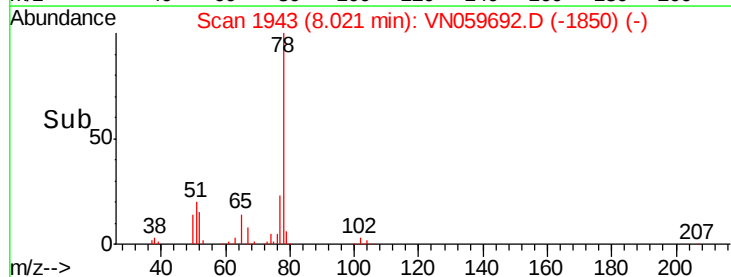
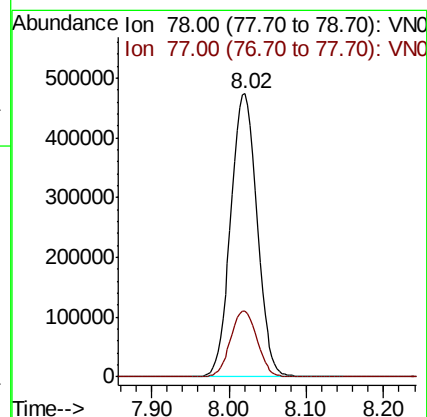
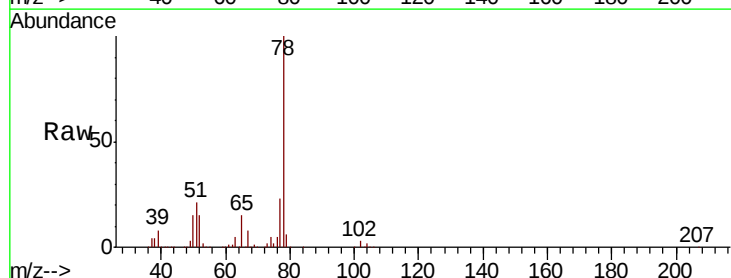
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

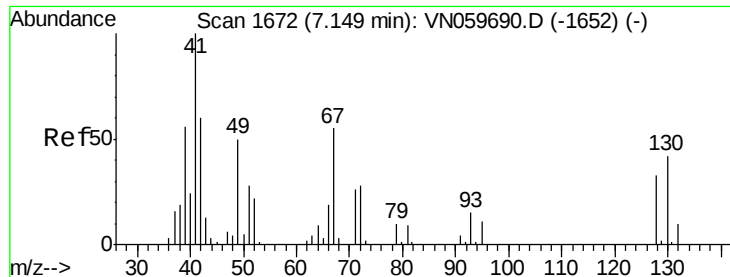
Tot Ion: 83 Resp: 468410
Ion Ratio Lower Upper
83 100
55 71.6 64.2 96.2
98 46.3 35.9 53.9



#40
Benzene
Concen: 118.761 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 78 Resp: 1117397
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

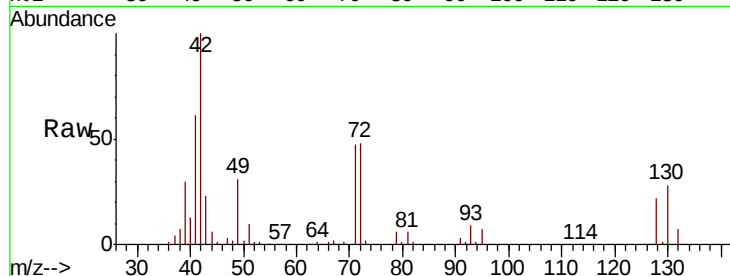




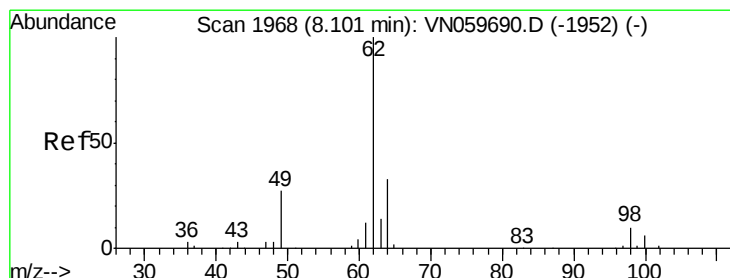
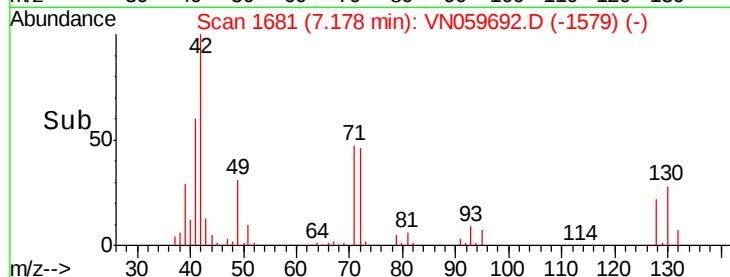
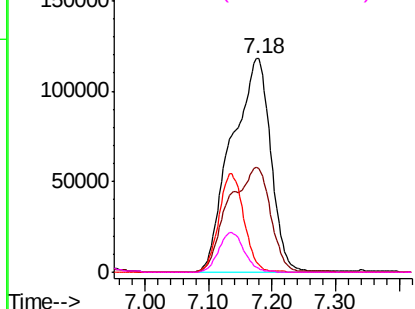
#41
Methacrylonitrile
Concen: 326.131 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	503649
Ion	Ratio	Lower	Upper
41	100		
39	52.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

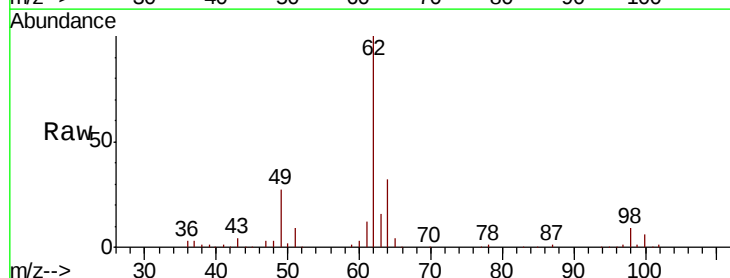


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

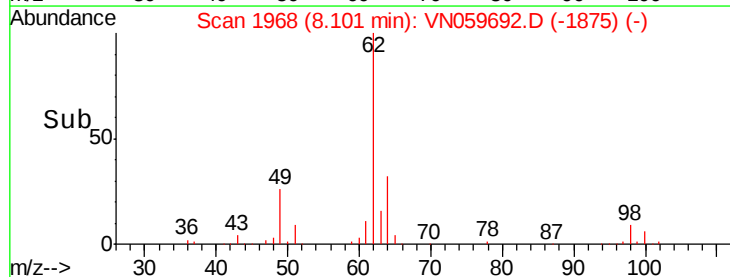
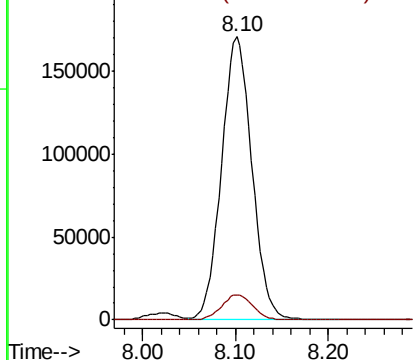


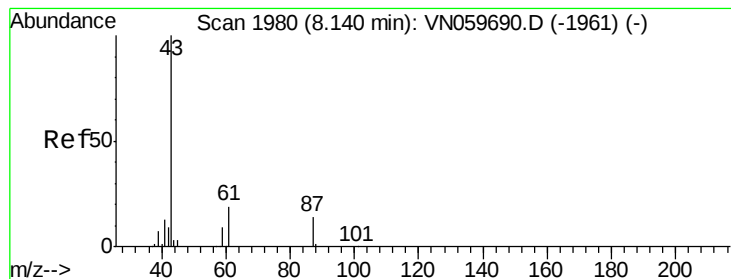
#42
1,2-Dichloroethane
Concen: 107.543 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion:	62	Resp:	387503
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 104.656 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

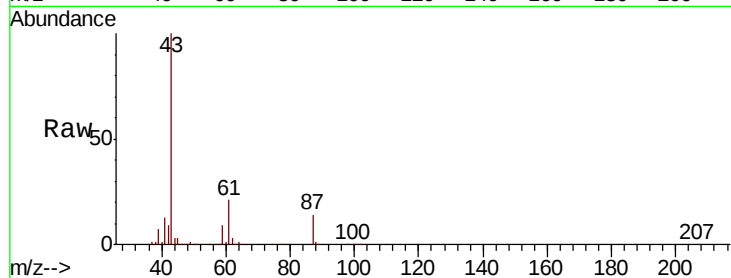
Tot Ion: 43 Resp: 608866

Ion Ratio Lower Upper

43 100

61 27.3 20.2 30.2

87 14.7 9.5 14.3#

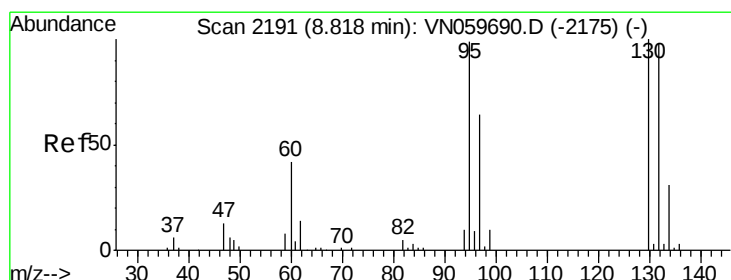
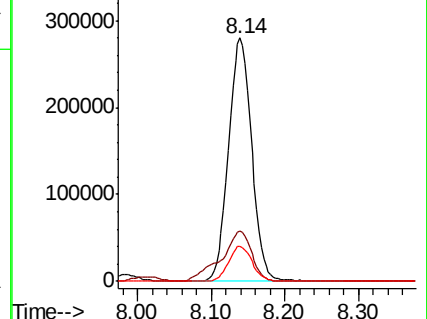
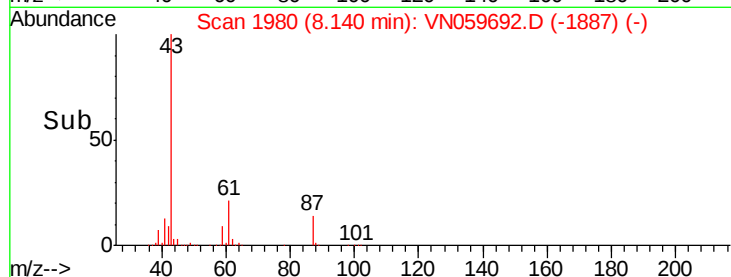


Abundance Ion 43.00 (42.70 to 43.70): VN059692.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059692.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059692.D (-1961) (-)

Time-->



#44

Trichloroethene

Concen: 128.493 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059692.D

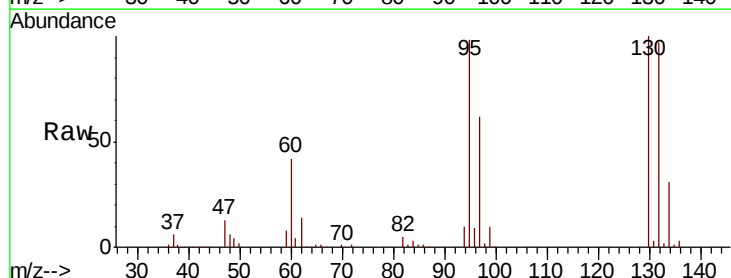
Acq: 13 Jan 2020 15:40

Tgt Ion:130 Resp: 316667

Ion Ratio Lower Upper

130 100

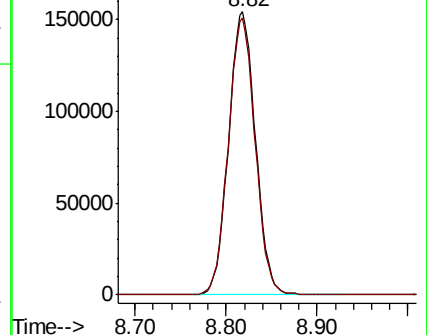
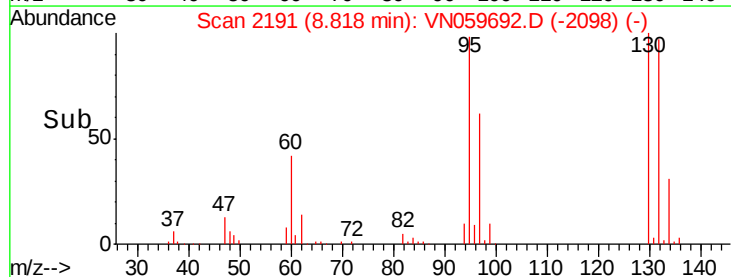
95 98.0 0.0 207.0

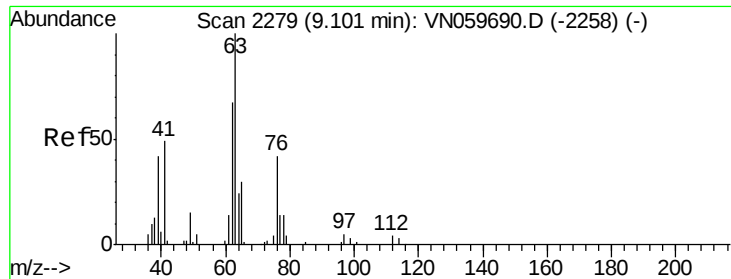


Abundance Ion 129.80 (129.50 to 130.50): VN059692.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059692.D (-2191) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 111.149 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

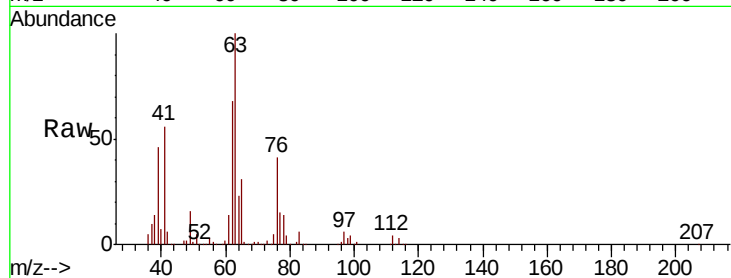
VSTDIC150

Tot Ion: 63 Resp: 282401

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.10

150000

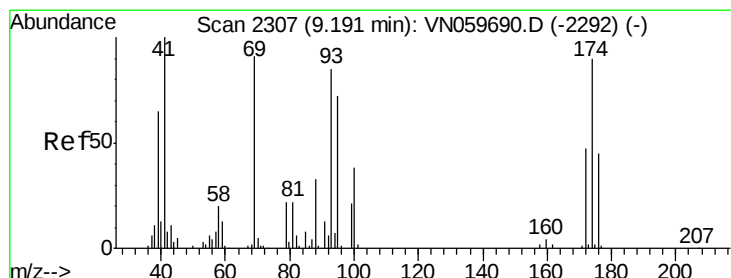
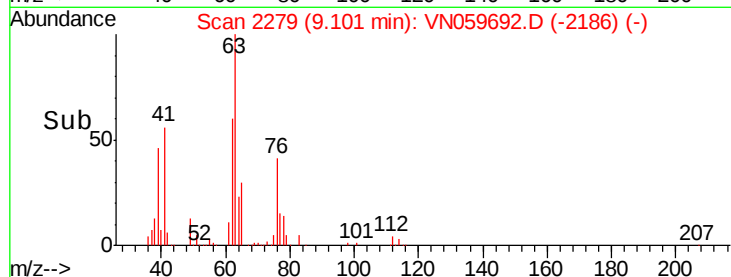
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 120.162 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

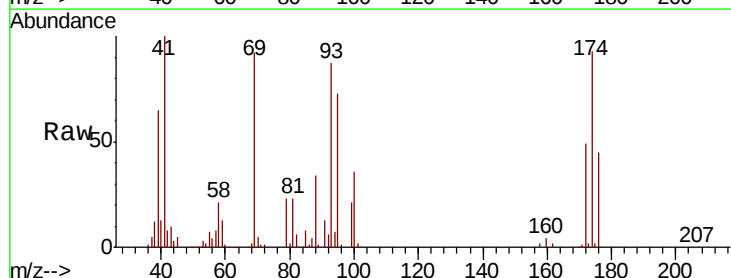
Tgt Ion: 93 Resp: 200016

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

174 107.1 73.4 110.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

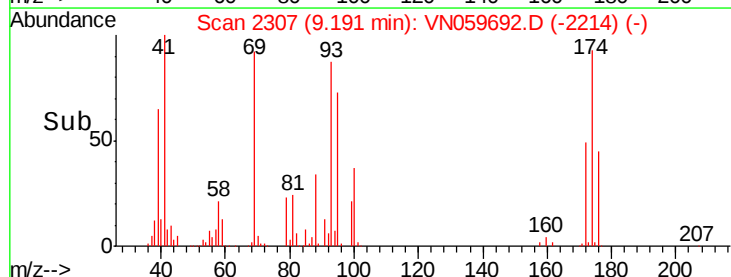
100000

50000

0

Time-->

9.10 9.20 9.30

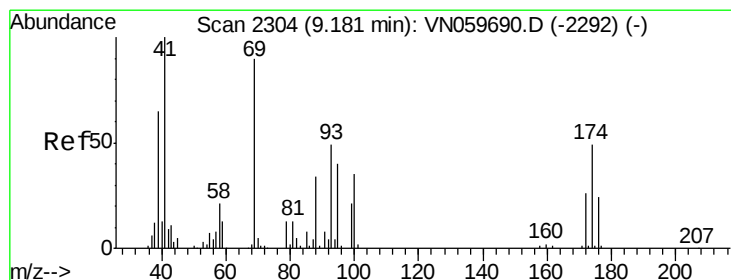
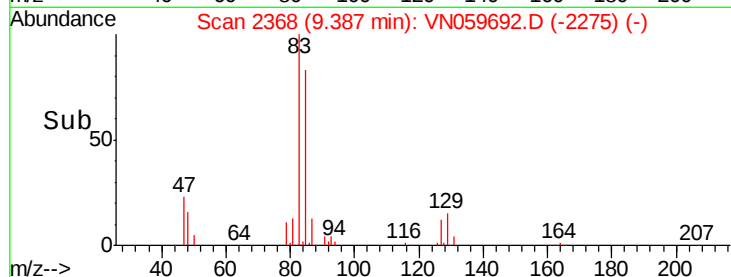
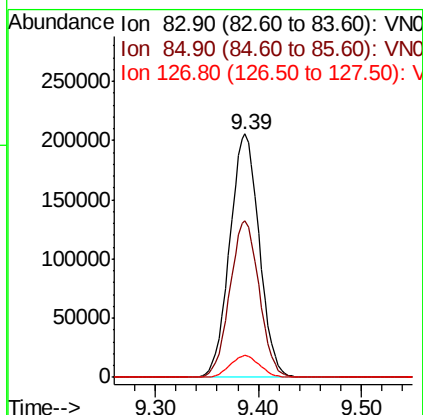
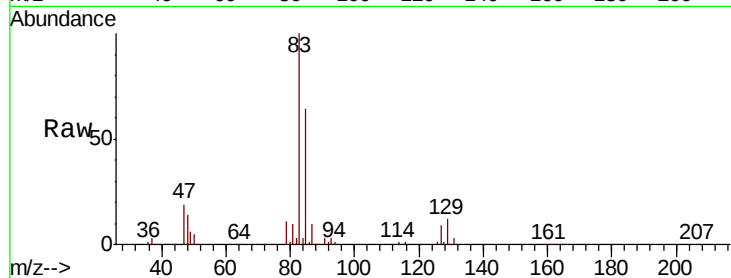




#47
Bromodichloromethane
Concen: 123.129 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

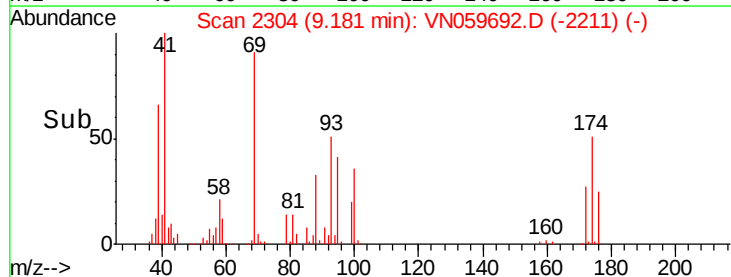
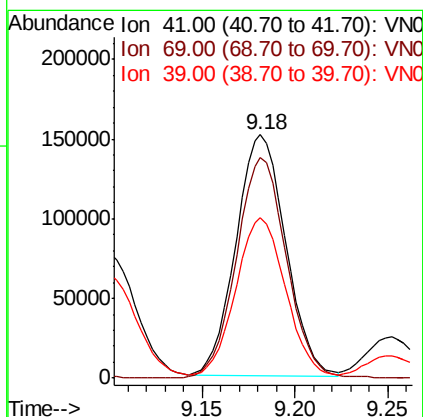
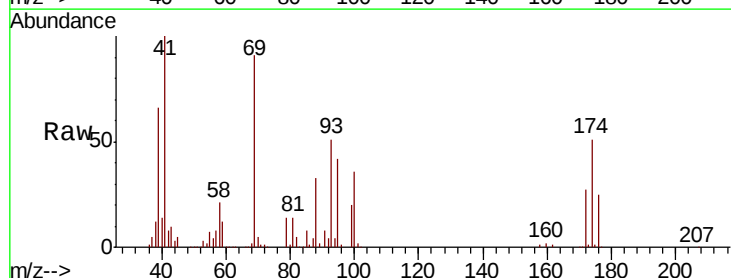
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 408631
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 9.0 6.6 9.8



#48
Methyl methacrylate
Concen: 106.408 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 41 Resp: 280865
Ion Ratio Lower Upper
41 100
69 92.7 64.4 96.6
39 67.4 51.3 76.9

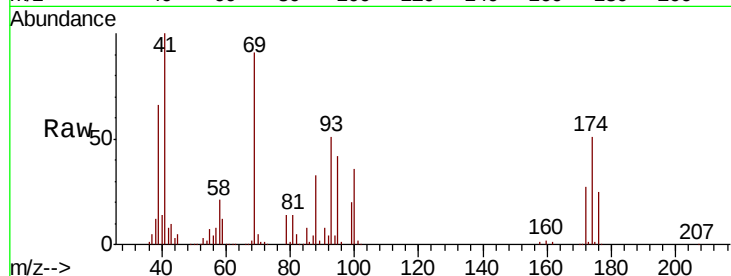




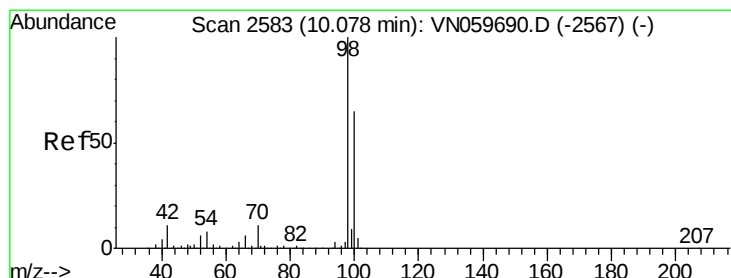
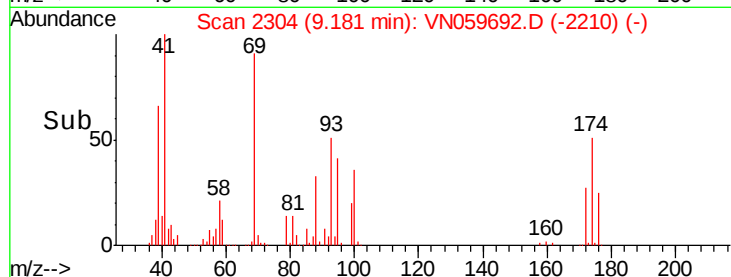
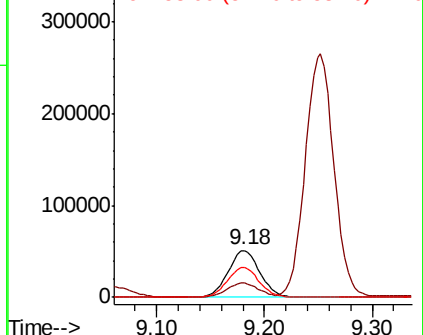
#49
1,4-Dioxane
Concen: 2763.449 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 104530
Ion Ratio Lower Upper
88 100
43 30.4 29.7 44.5
58 63.8 56.6 85.0

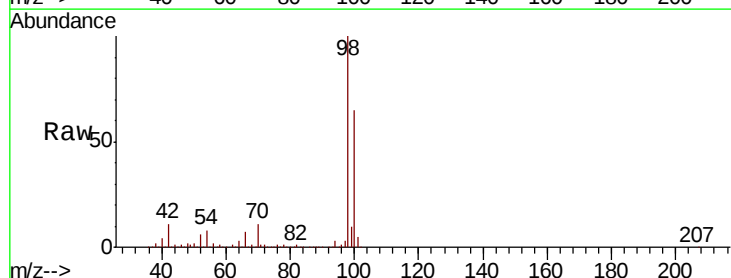


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

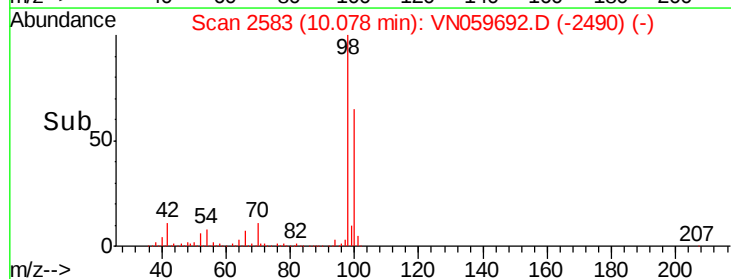
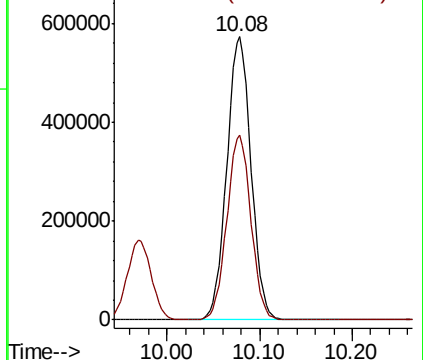


#50
Toluene-d8
Concen: 135.192 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 98 Resp: 1033912
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



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

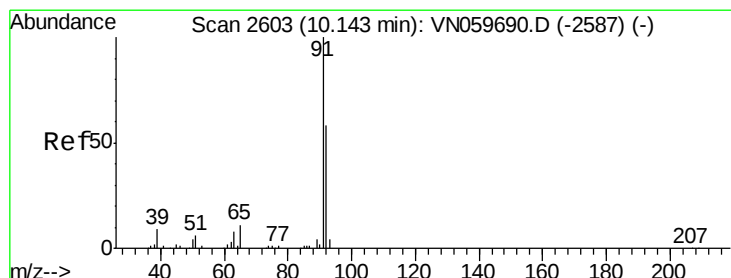
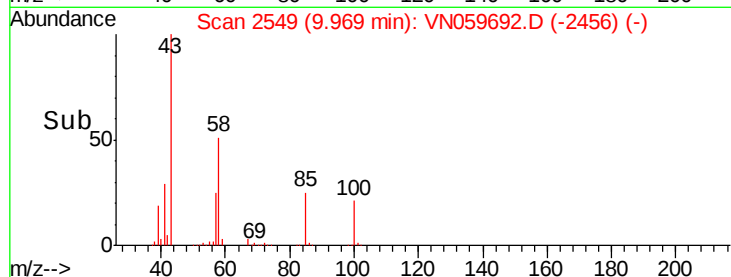
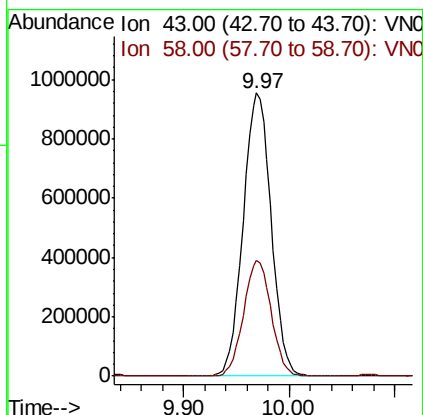
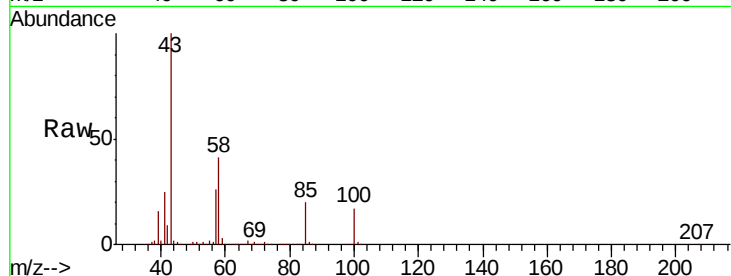




#51
 4-Methyl-2-Pentanone
 Concen: 505.727 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

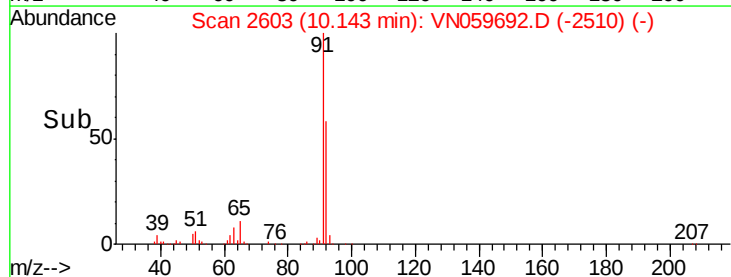
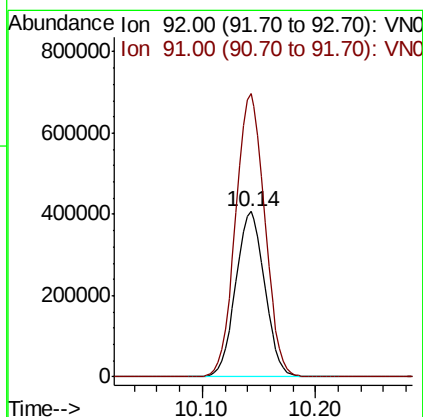
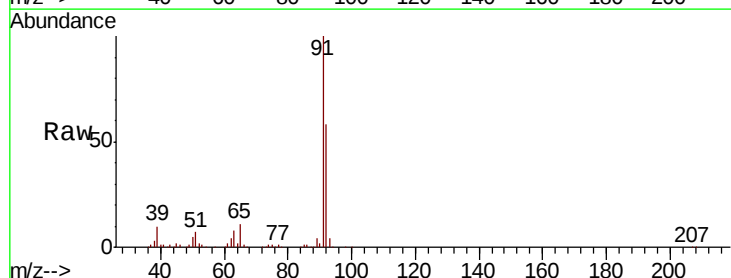
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

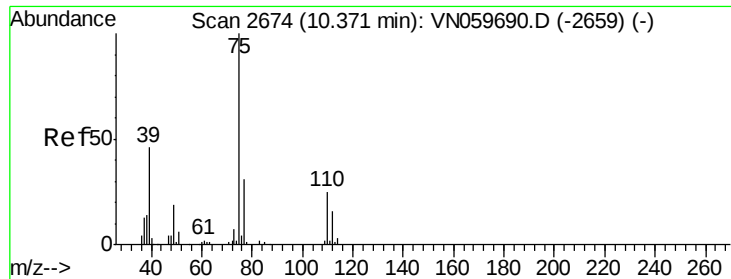
Tot Ion: 43 Resp: 1754216
 Ion Ratio Lower Upper
 43 100
 58 40.5 29.8 44.8



#52
 Toluene
 Concen: 125.742 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion: 92 Resp: 726929
 Ion Ratio Lower Upper
 92 100
 91 173.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 121.789 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

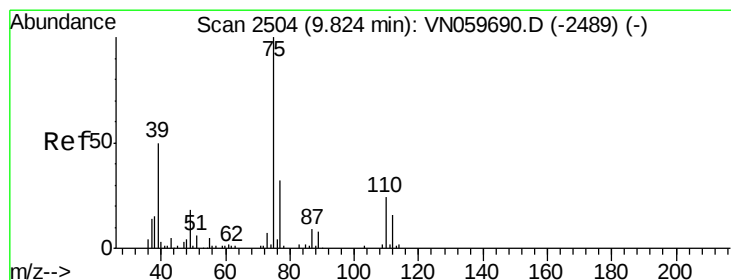
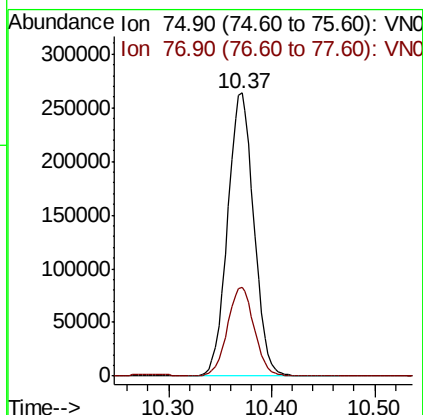
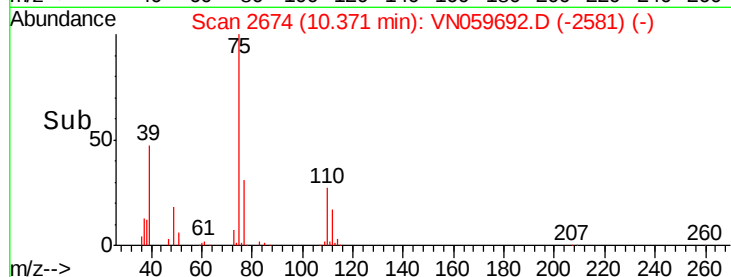
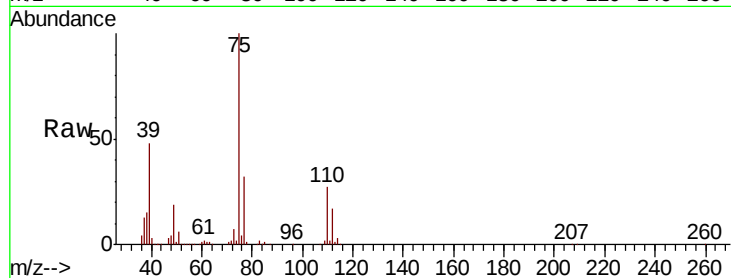
VSTDIC150

Tot Ion: 75 Resp: 467446

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 121.117 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

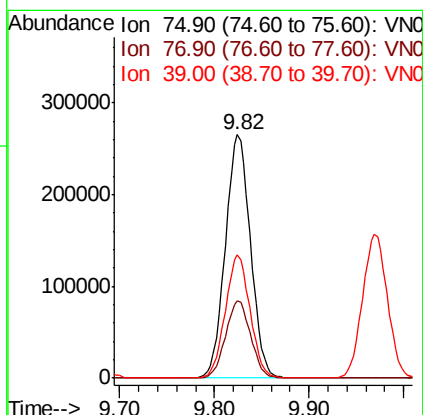
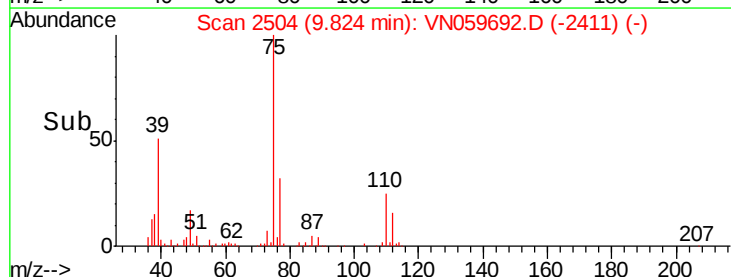
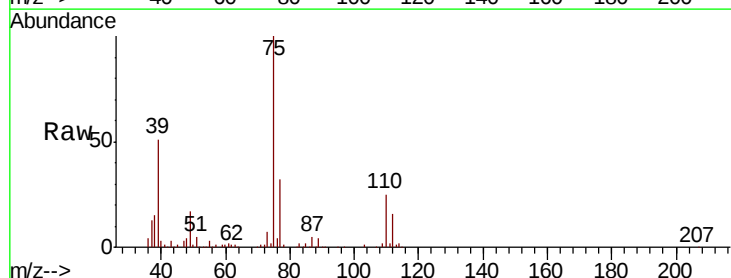
Tgt Ion: 75 Resp: 488649

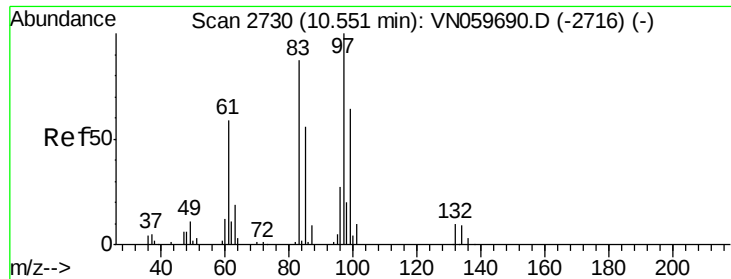
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 50.5 46.1 69.1

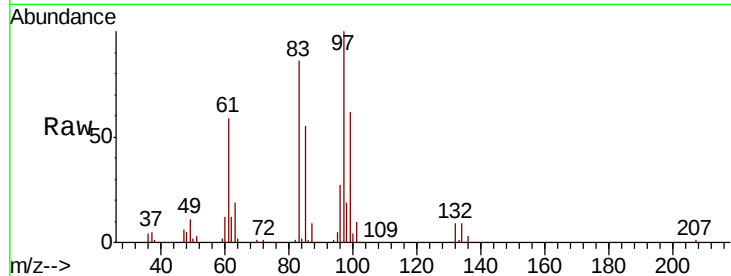




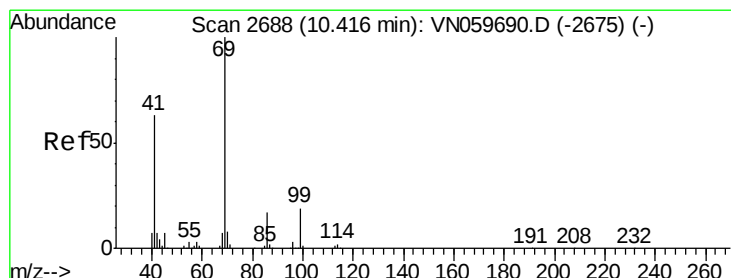
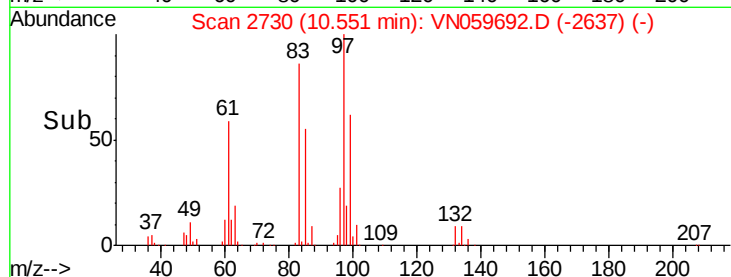
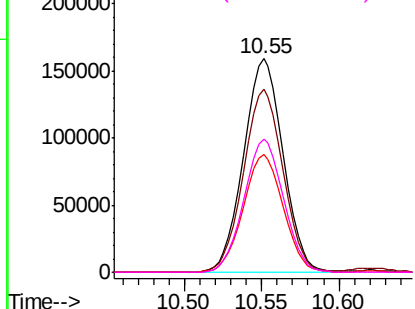
#55
 1,1,2-Trichloroethane
 Concen: 124.464 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 282349
 Ion Ratio Lower Upper
 97 100
 83 85.6 71.3 106.9
 85 55.0 45.8 68.8
 99 62.5 50.0 75.0

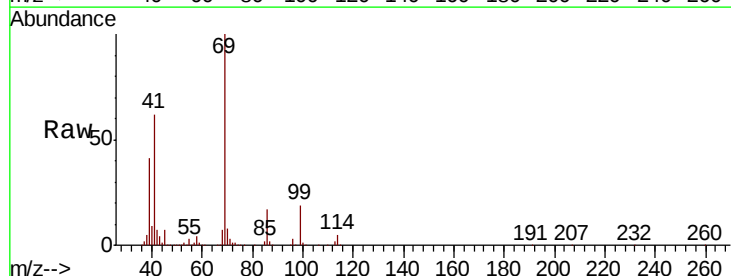


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

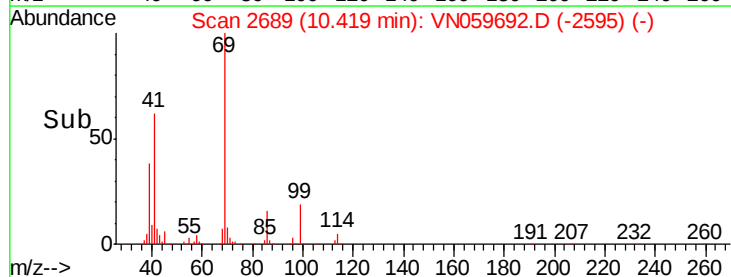
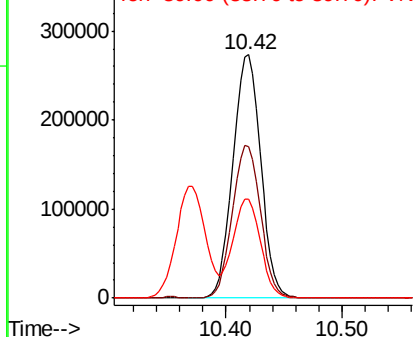


#56
 Ethyl methacrylate
 Concen: 134.473 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion: 69 Resp: 452866
 Ion Ratio Lower Upper
 69 100
 41 63.0 57.1 85.7
 39 40.7 34.7 52.1



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

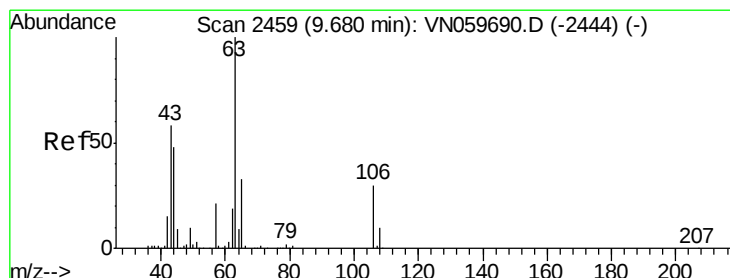
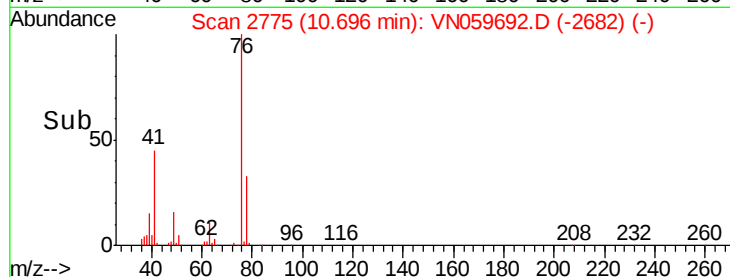
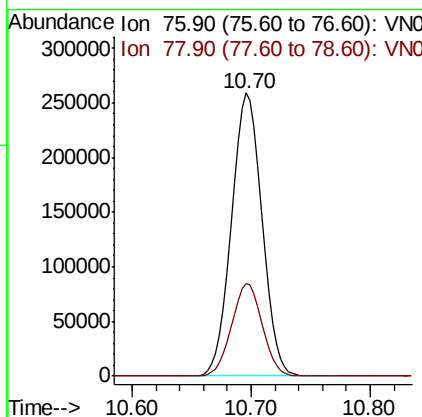
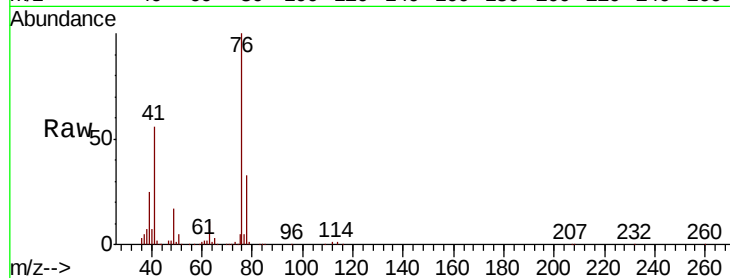




#57
 1,3-Dichloropropane
 Concen: 116.775 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

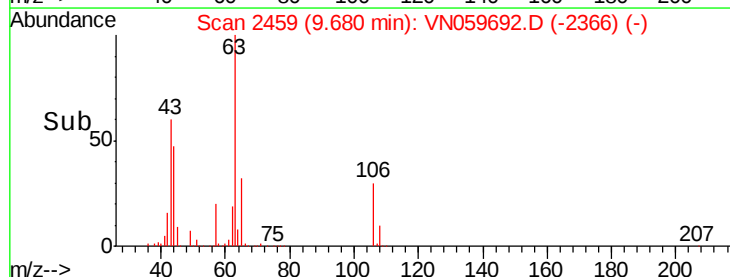
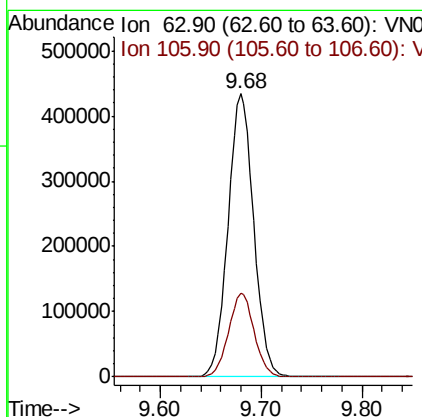
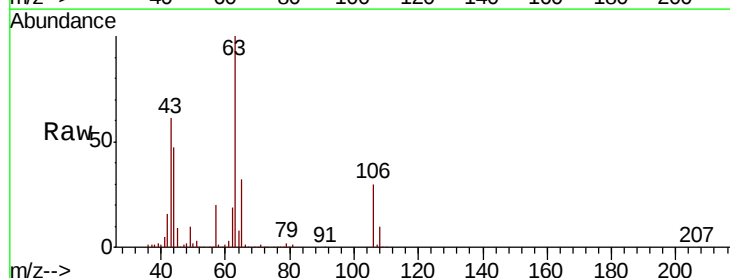
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

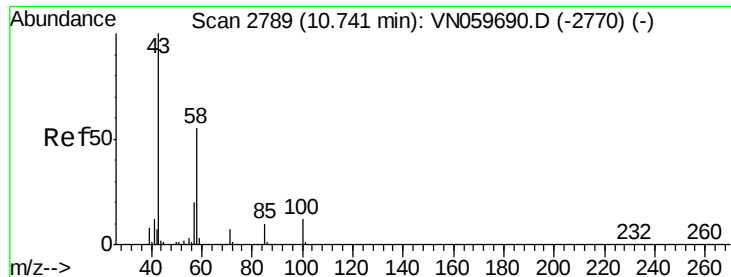
Tot Ion: 76 Resp: 461243
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 717.561 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion: 63 Resp: 768556
 Ion Ratio Lower Upper
 63 100
 106 29.5 20.2 30.2

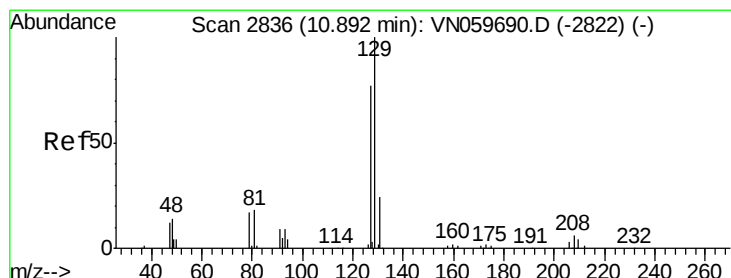
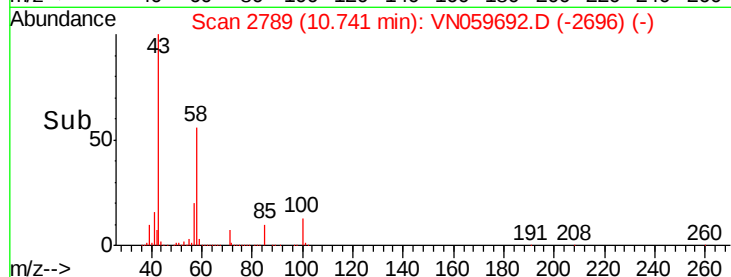
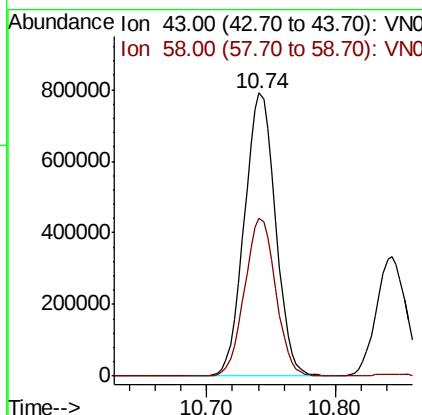
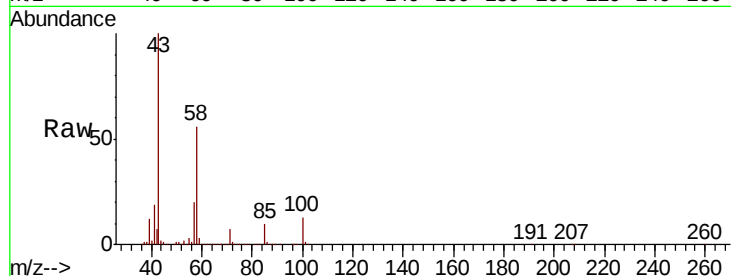




#59
2-Hexanone
Concen: 486.972 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

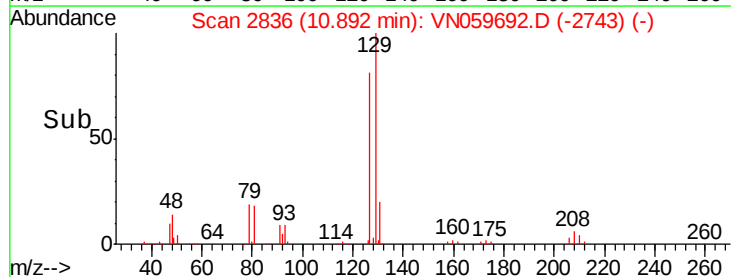
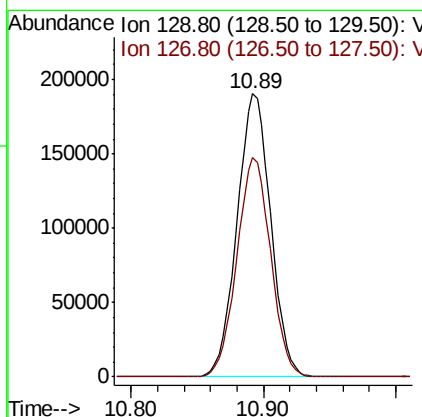
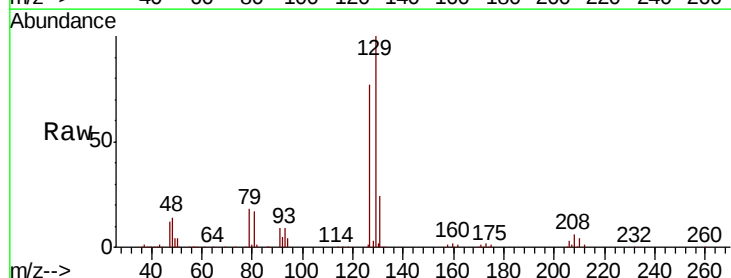
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

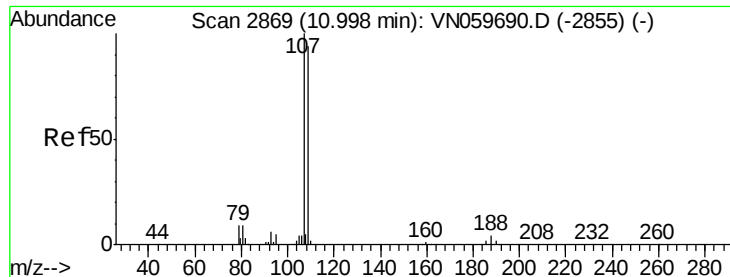
Tot Ion: 43 Resp: 1331281
Ion Ratio Lower Upper
43 100
58 55.7 25.8 77.3



#60
Dibromochloromethane
Concen: 135.696 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 129 Resp: 335969
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

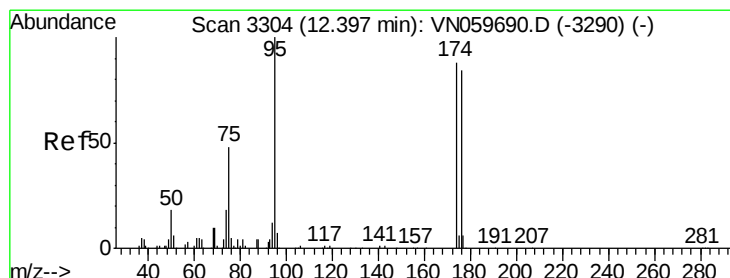
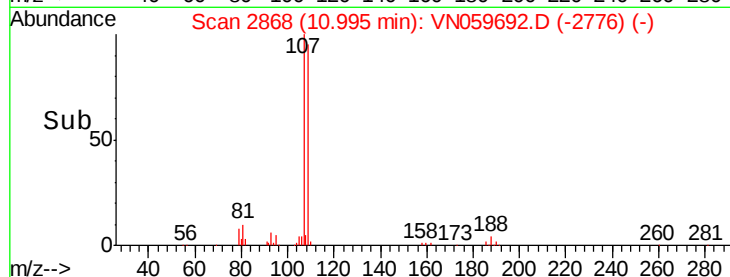
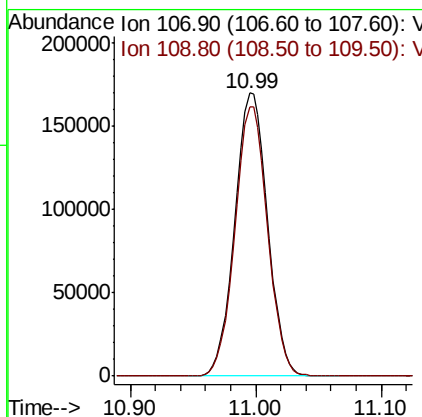
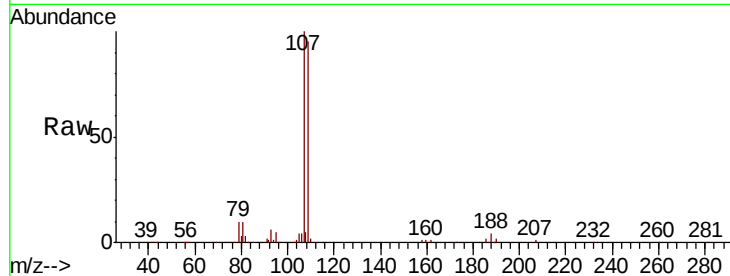




#61
 1,2-Dibromoethane
 Concen: 128.098 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

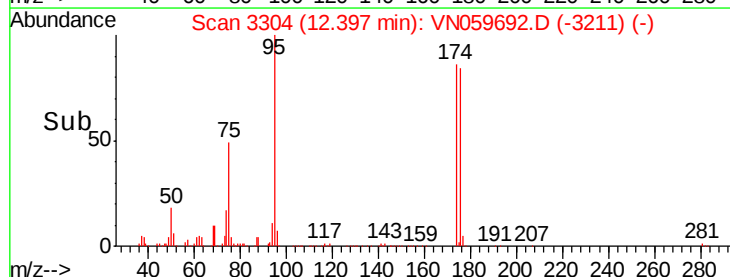
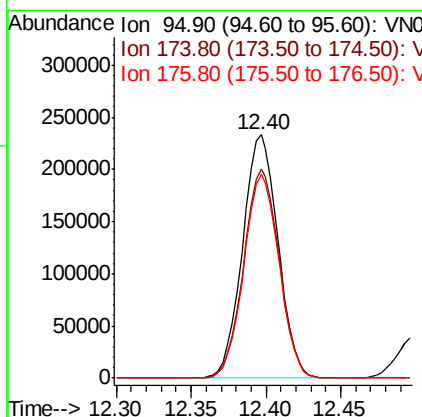
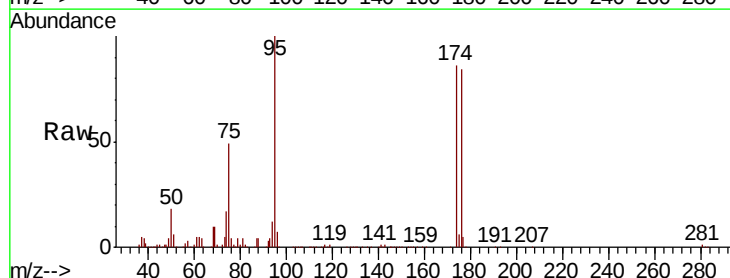
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

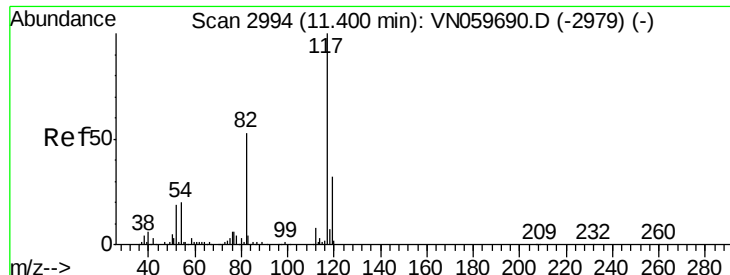
Tot Ion:107 Resp: 308189
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 137.702 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion: 95 Resp: 384268
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 151.4
 176 83.5 0.0 146.0

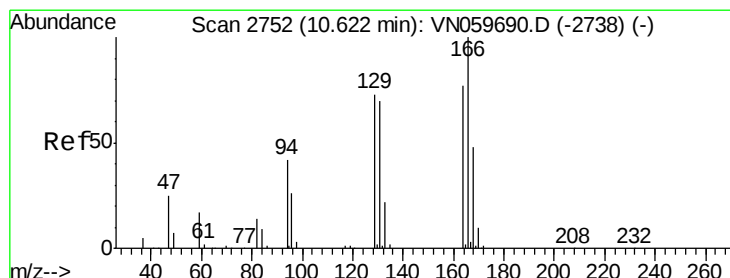
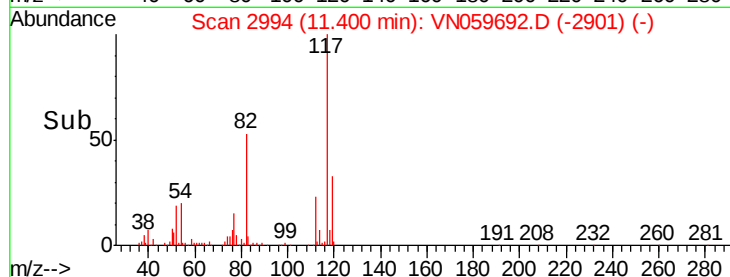
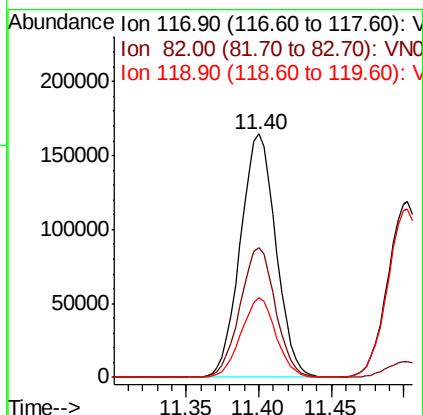
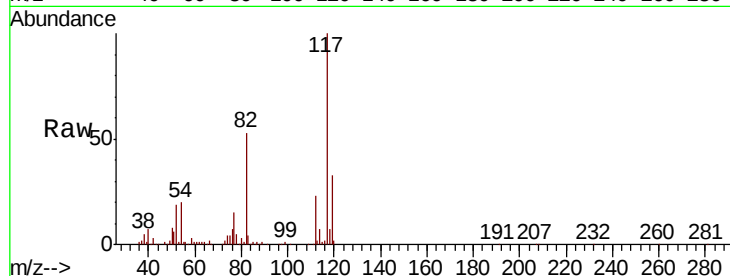




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

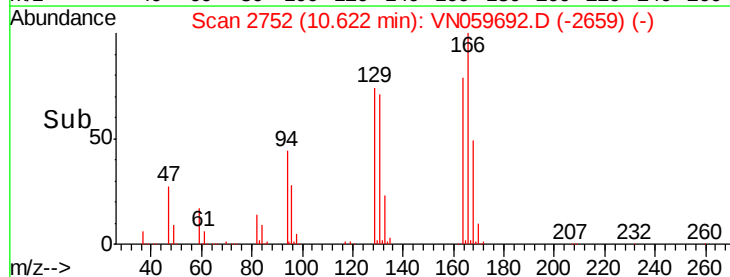
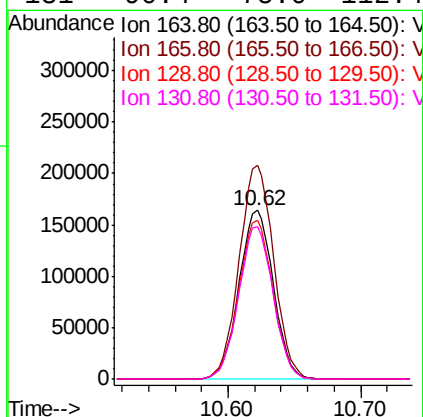
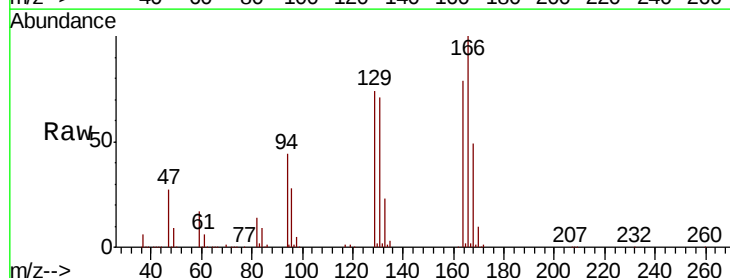
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

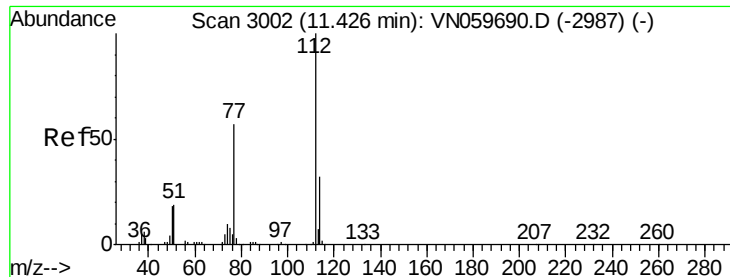
Tot Ion:117 Resp: 281297
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 112.364 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion:164 Resp: 294646
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 94.0 80.2 120.4
131 90.4 75.0 112.4

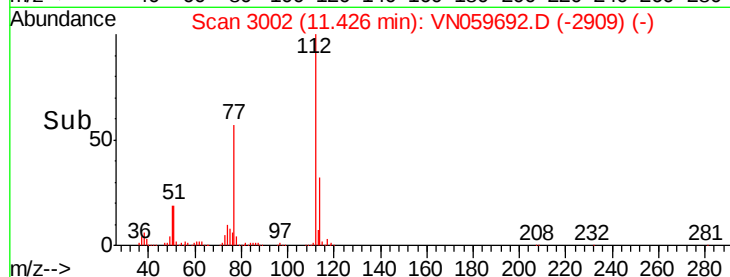
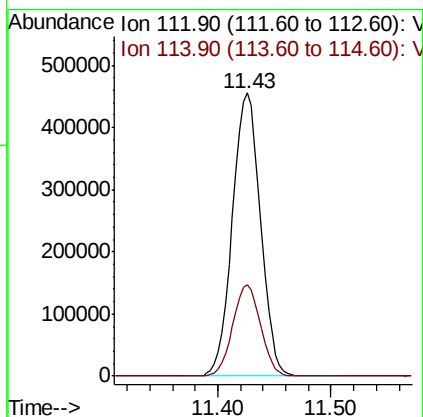
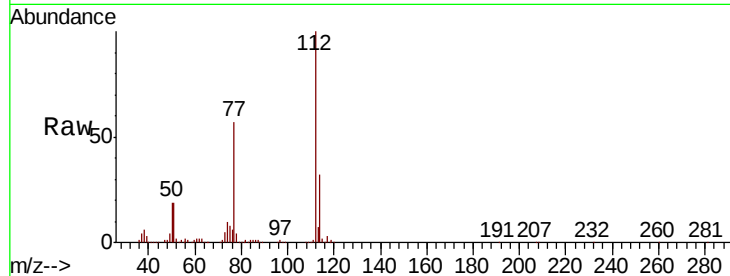




#65
Chlorobenzene
Concen: 129.333 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

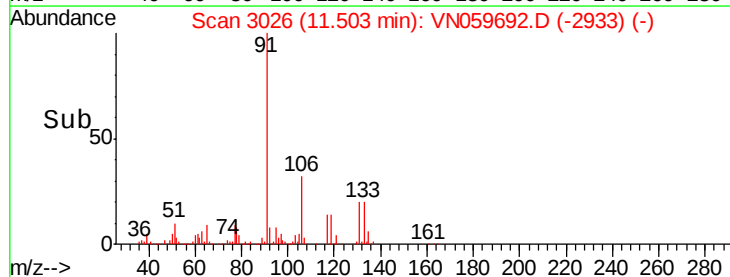
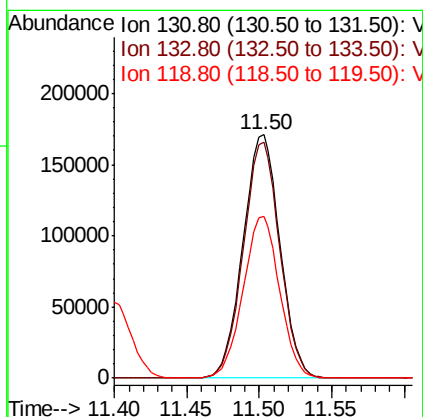
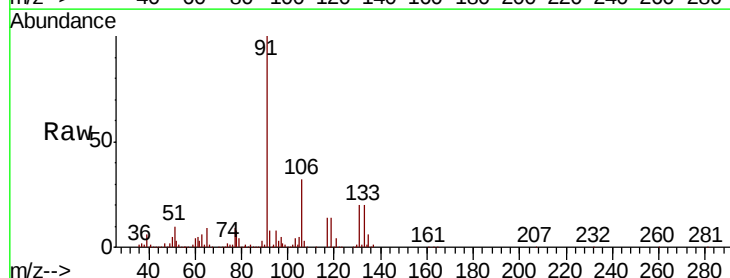
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

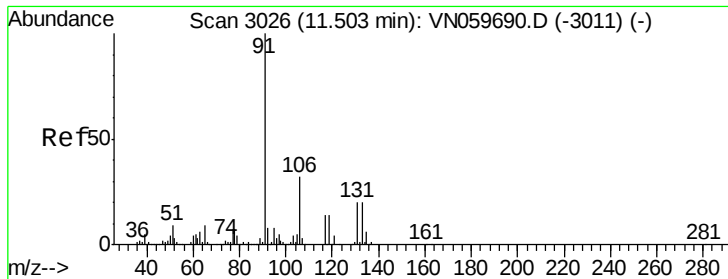
Tot Ion:112 Resp: 787193
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 131.195 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion:131 Resp: 303310
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 65.6 33.1 99.3

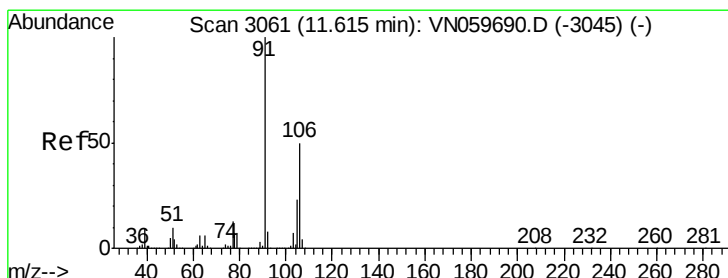
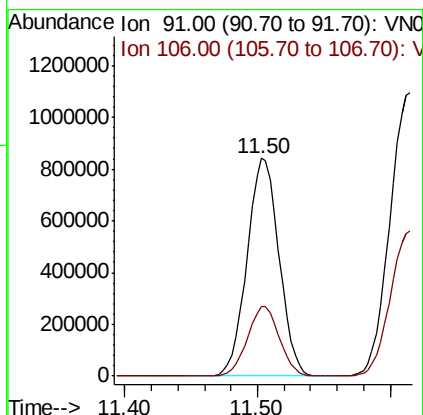
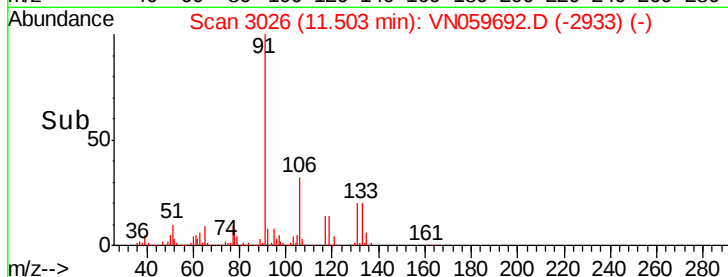
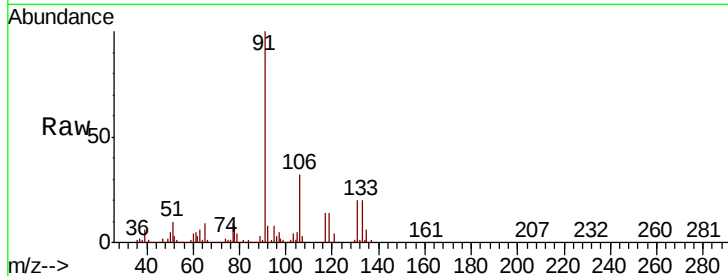




#67
Ethyl Benzene
Concen: 128.002 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

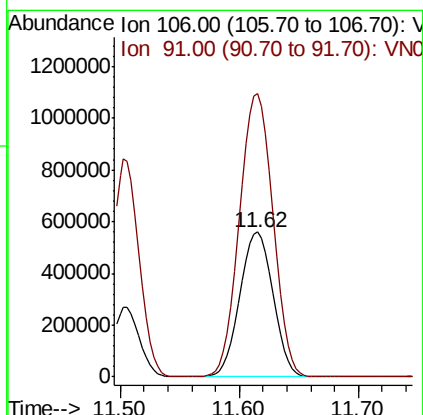
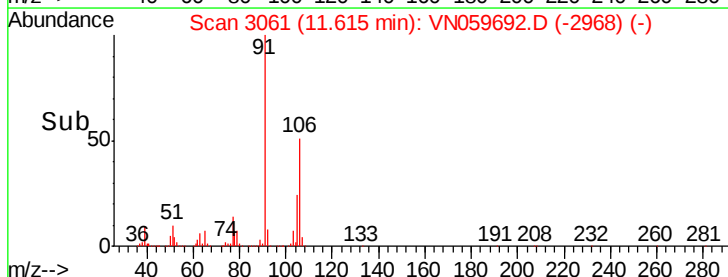
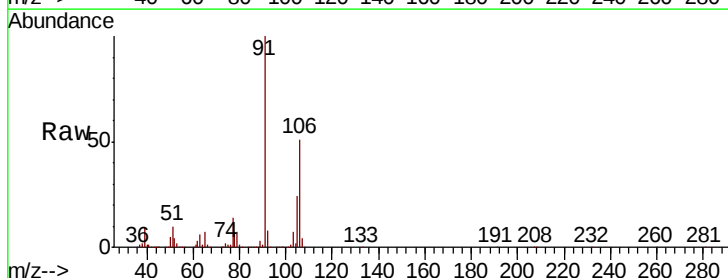
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

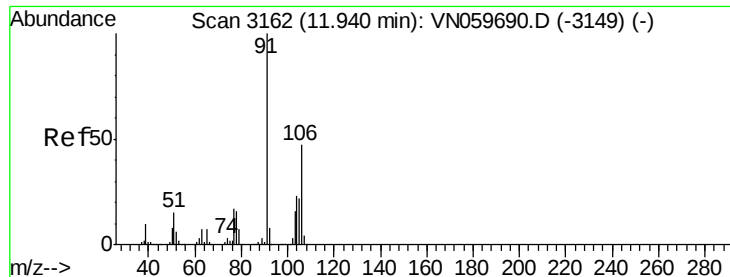
Tot Ion: 91 Resp: 1406296
Ion Ratio Lower Upper
91 100
106 31.9 24.1 36.1



#68
m/p-Xylenes
Concen: 266.715 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion: 106 Resp: 1082055
Ion Ratio Lower Upper
106 100
91 197.8 167.9 251.9

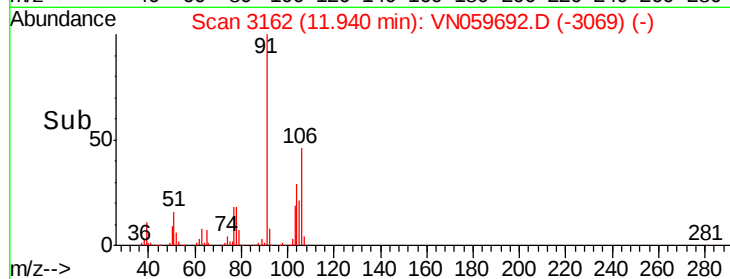
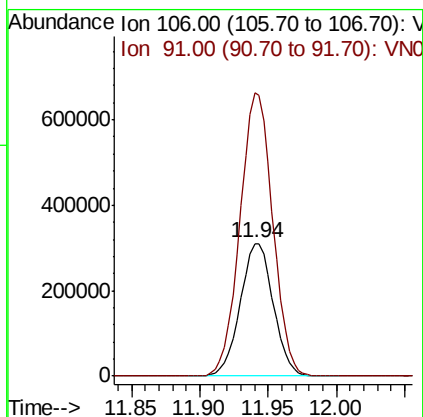
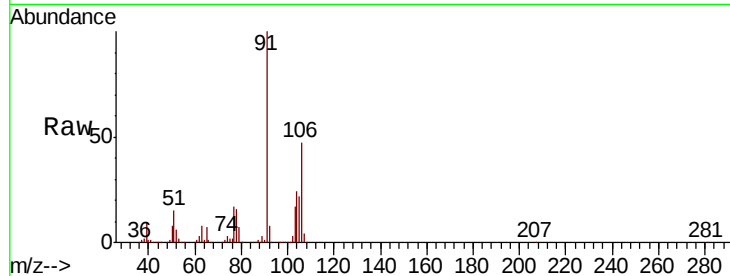




#69
o-Xylene
Concen: 135.022 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

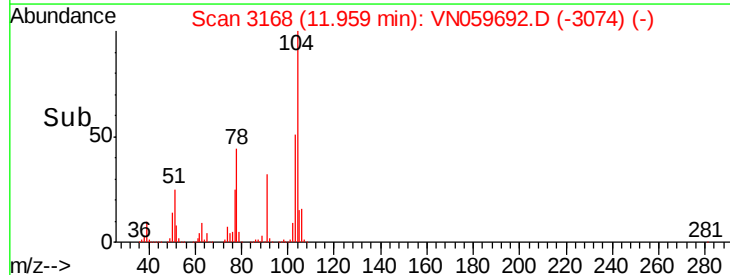
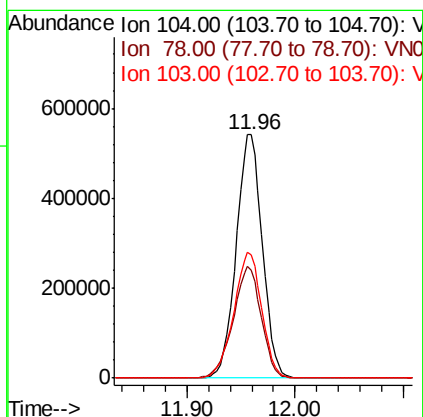
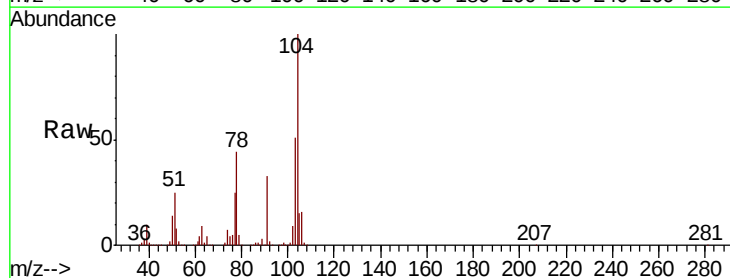
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

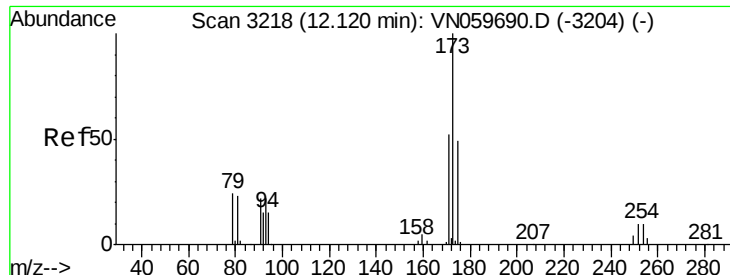
Tot Ion:106 Resp: 521217
Ion Ratio Lower Upper
106 100
91 212.0 110.3 330.9



#70
Styrene
Concen: 147.422 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion:104 Resp: 914343
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 55.1 43.9 65.9

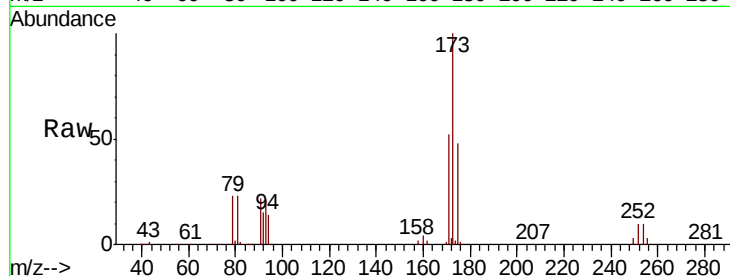




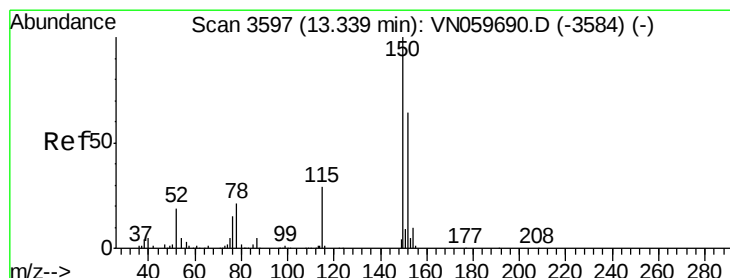
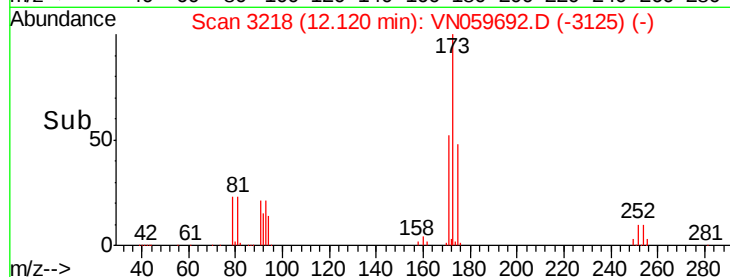
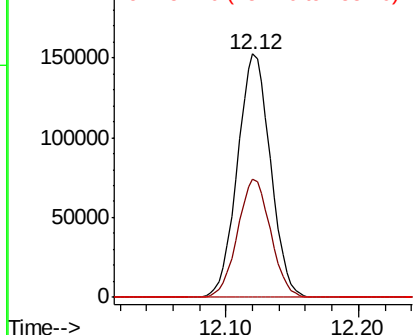
#71
Bromoform
Concen: 151.425 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:173 Resp: 263153
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.4
254 0.1 0.0 0.0#

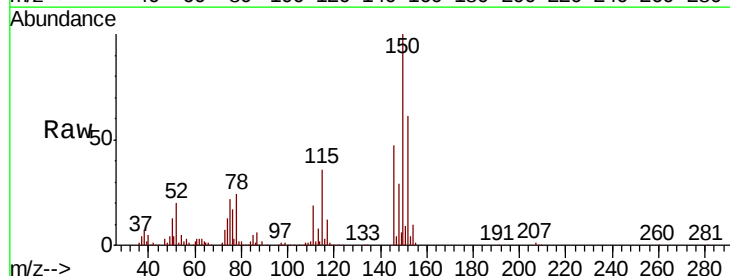


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

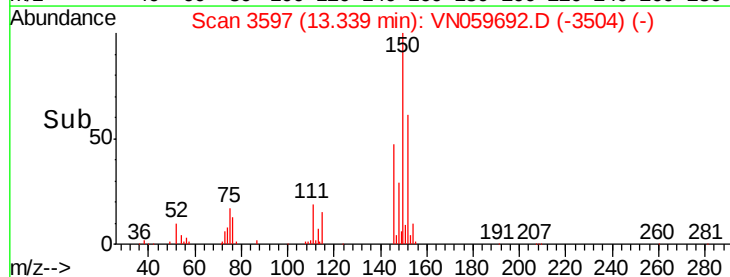
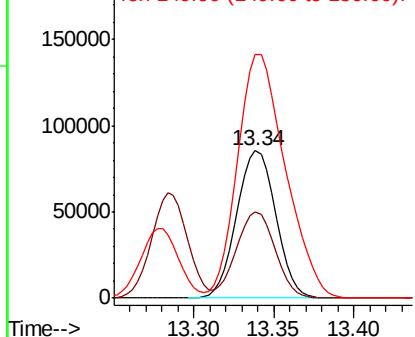


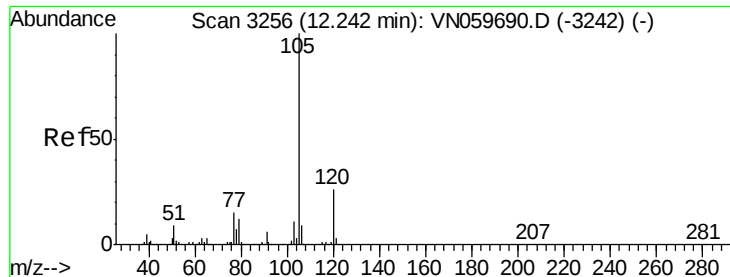
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion:152 Resp: 142685
Ion Ratio Lower Upper
152 100
115 57.6 30.3 90.9
150 202.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 124.461 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

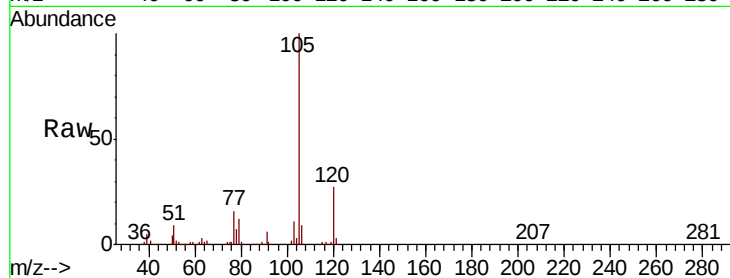
VSTDIC150

Tot Ion: 105 Resp: 1394061

Ion Ratio Lower Upper

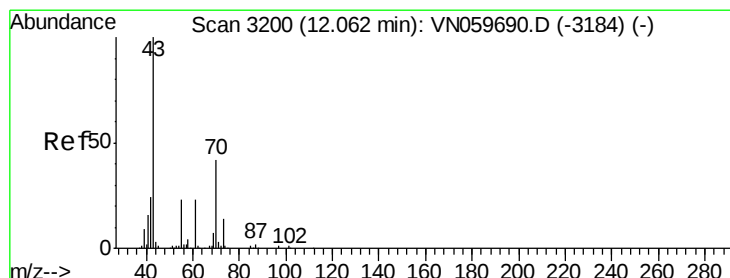
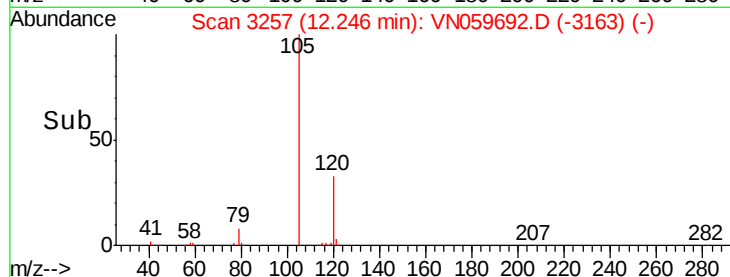
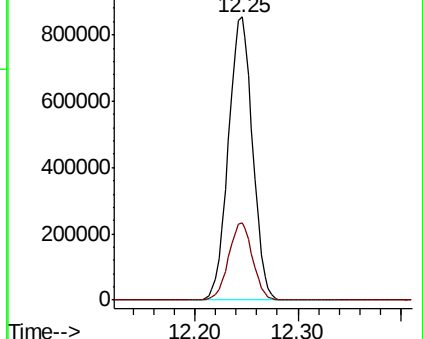
105 100

120 27.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 110.413 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Tgt Ion: 43 Resp: 567290

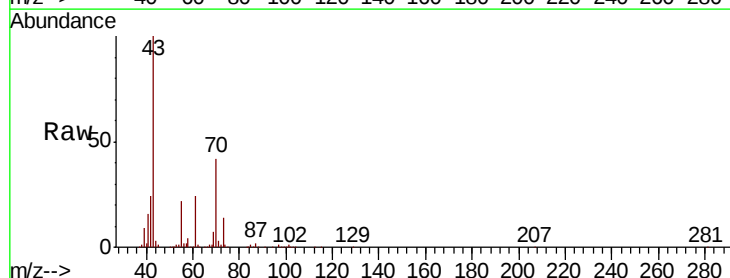
Ion Ratio Lower Upper

43 100

70 42.1 31.3 46.9

55 22.5 19.8 29.6

61 24.4 18.3 27.5

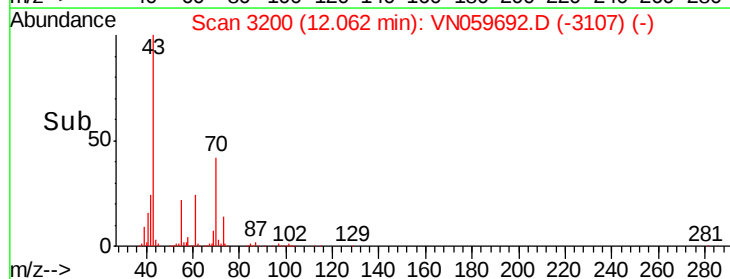
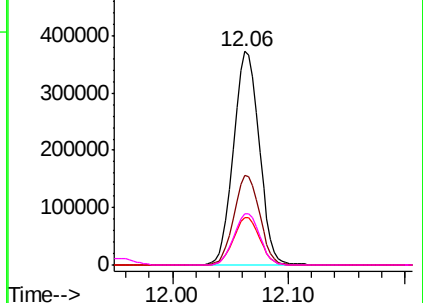


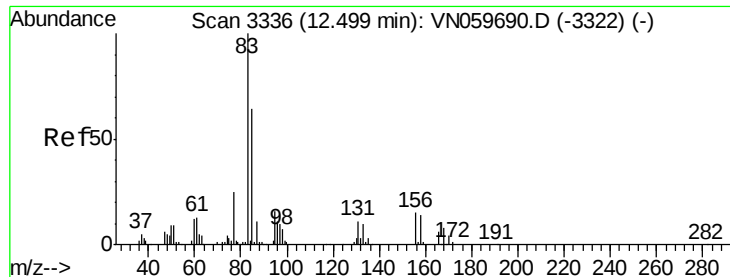
Abundance Ion 43.00 (42.70 to 43.70): V

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: 116.113 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

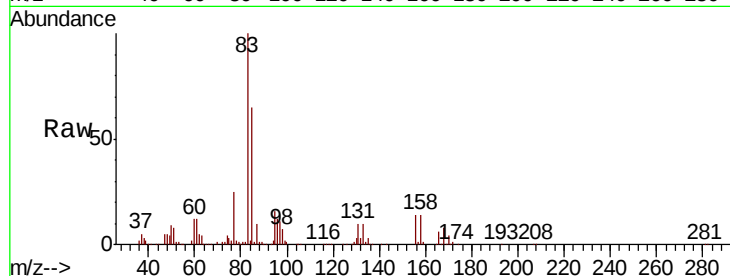
Tot Ion: 83 Resp: 412555

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.4 31.9 95.5

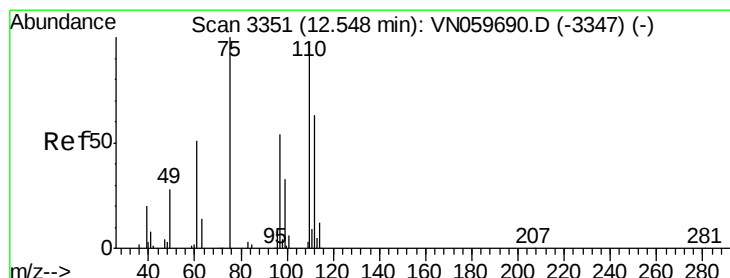
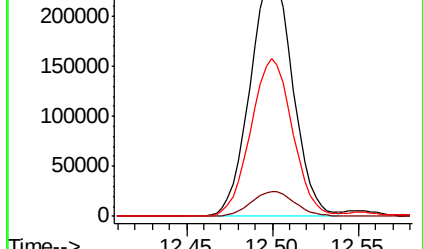
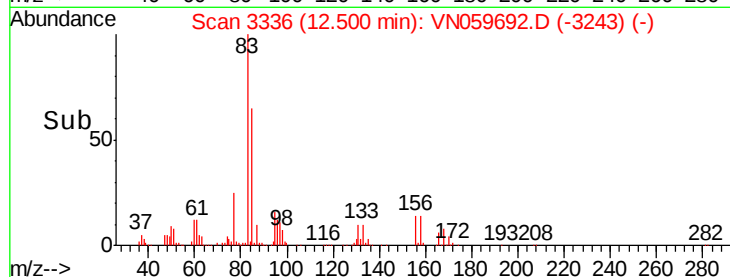


Abundance Ion 82.90 (82.60 to 83.60): VN059690.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059690.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059690.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 157.380 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059692.D

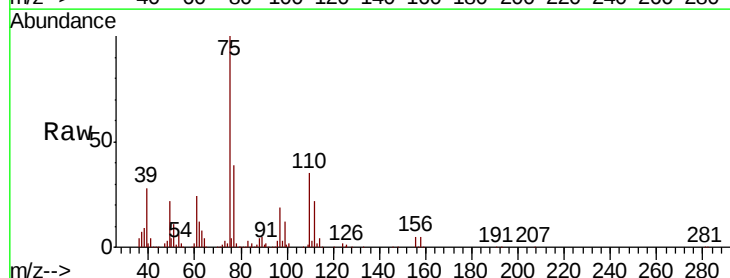
Acq: 13 Jan 2020 15:40

Tgt Ion: 75 Resp: 555906

Ion Ratio Lower Upper

75 100

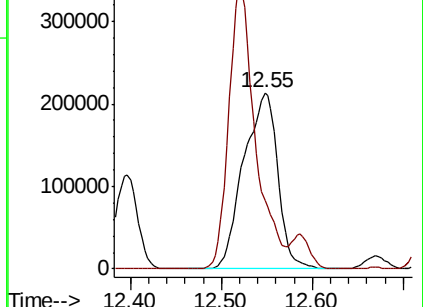
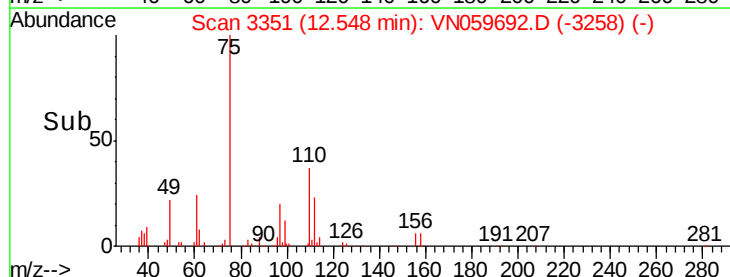
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059690.D (-3347) (-)

Time-->





#77

Bromobenzene

Concen: 130.515 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

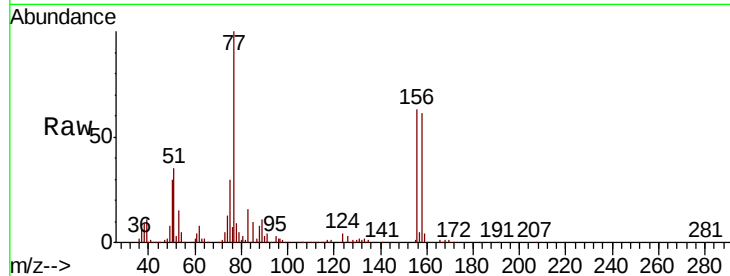
Tot Ion:156 Resp: 359511

Ion Ratio Lower Upper

156 100

77 193.5 115.8 347.4

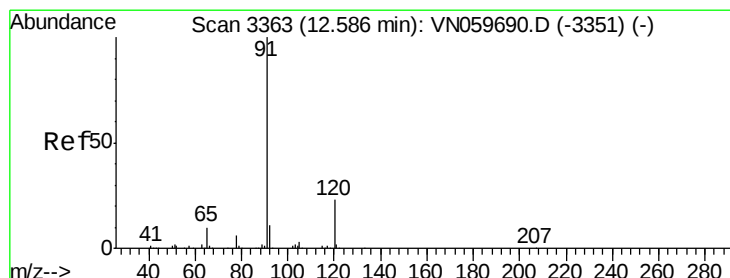
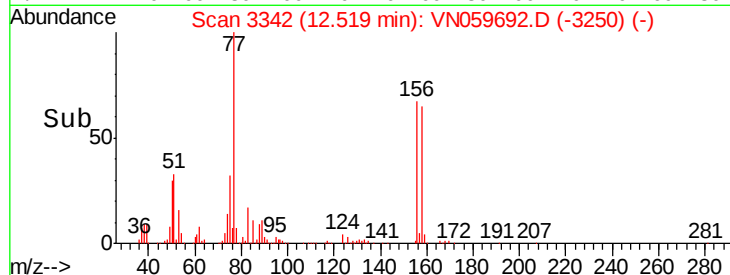
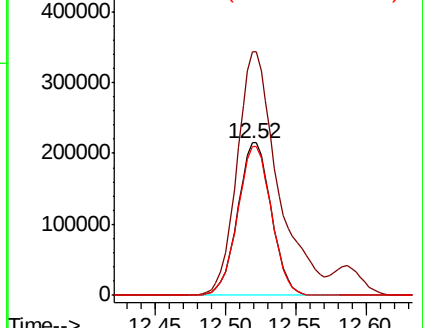
158 98.2 49.2 147.6



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: 121.528 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059692.D

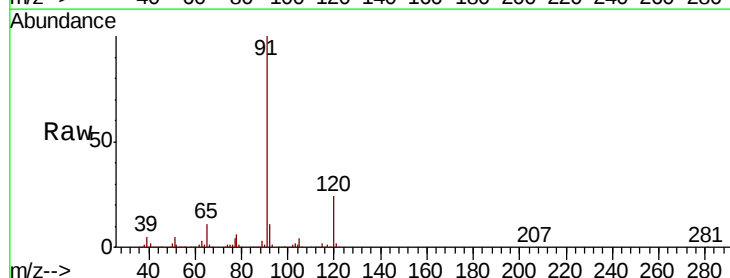
Acq: 13 Jan 2020 15:40

Tgt Ion: 91 Resp: 1609065

Ion Ratio Lower Upper

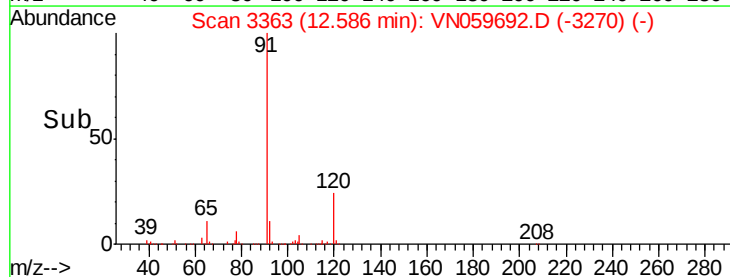
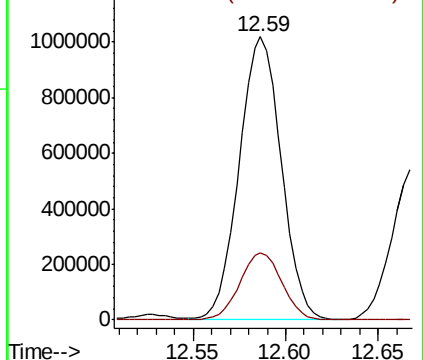
91 100

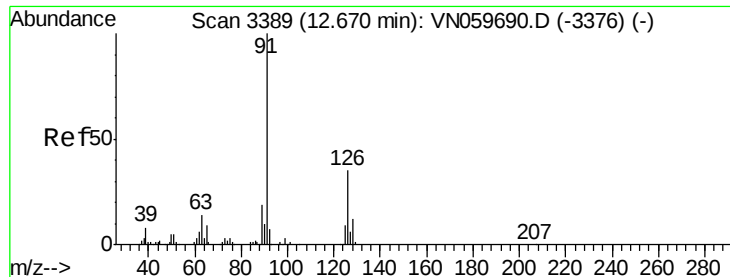
120 23.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 116.866 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

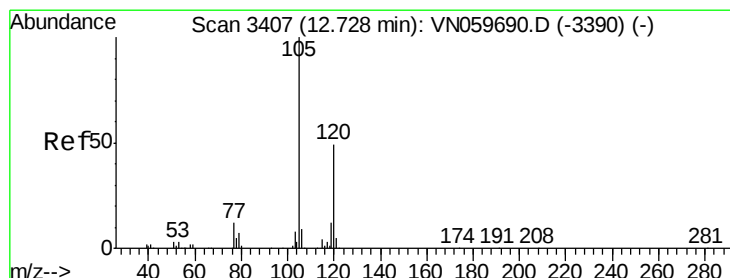
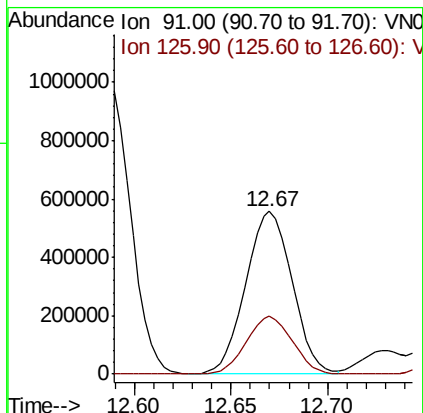
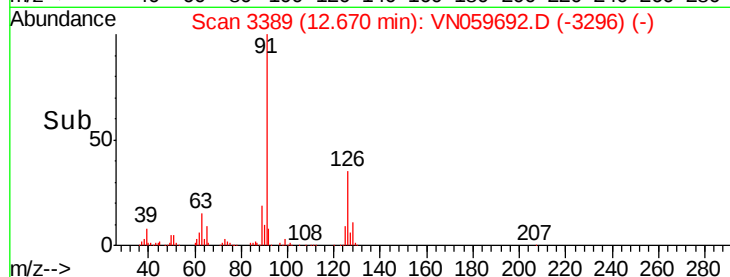
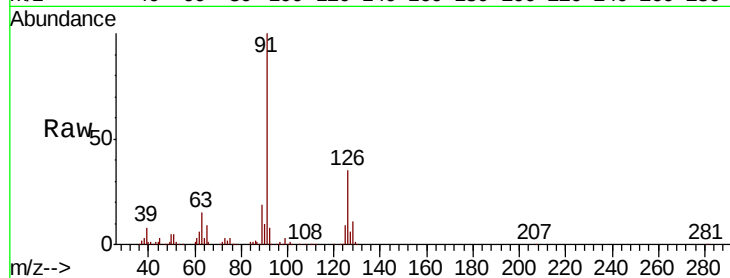
VSTDIC150

Tot Ion: 91 Resp: 935654

Ion Ratio Lower Upper

91 100

126 35.3 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 125.505 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059692.D

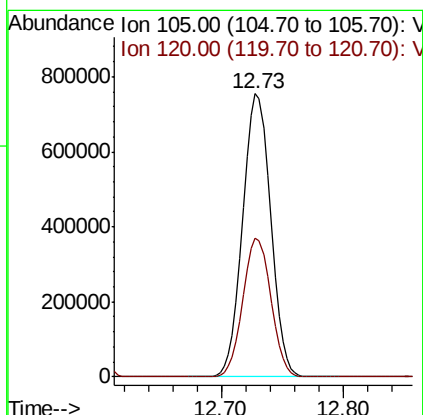
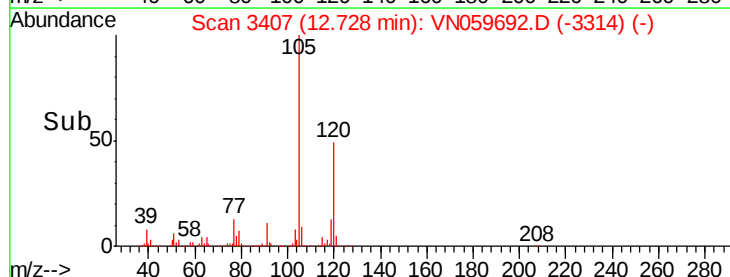
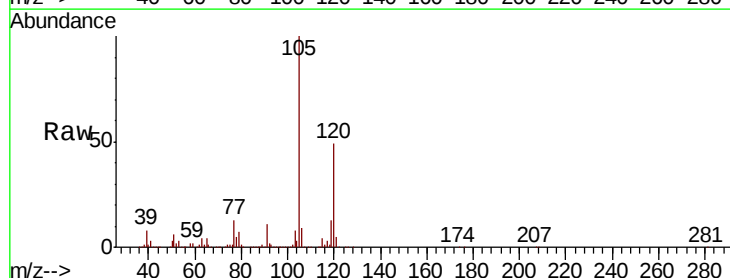
Acq: 13 Jan 2020 15:40

Tgt Ion:105 Resp: 1189624

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 112.808 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

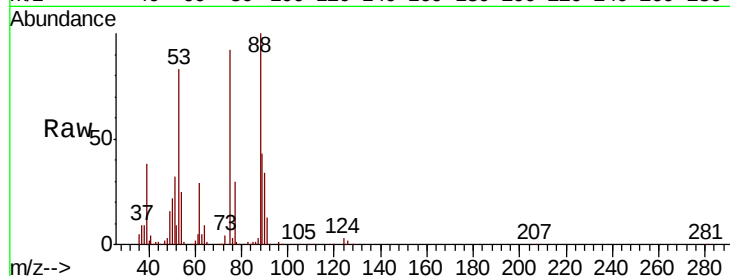
Tot Ion: 75 Resp: 161329

Ion Ratio Lower Upper

75 100

53 89.7 78.1 117.1

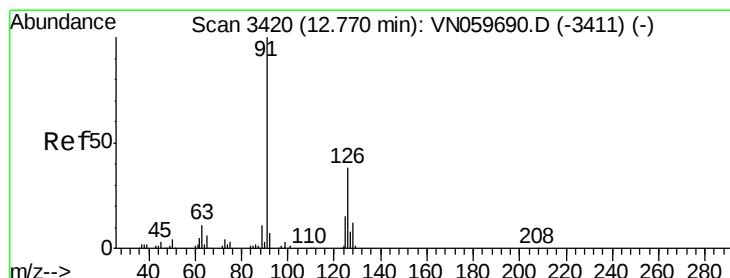
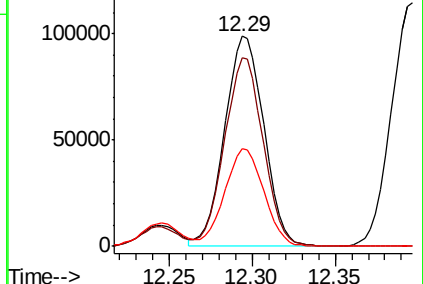
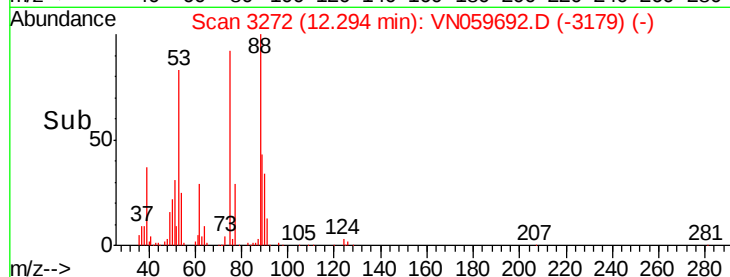
89 46.9 35.4 53.2



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: 119.727 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059692.D

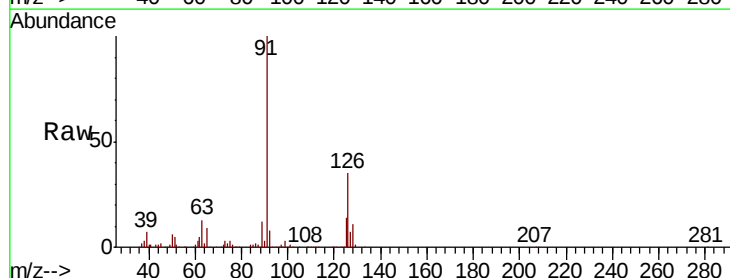
Acq: 13 Jan 2020 15:40

Tgt Ion: 91 Resp: 981452

Ion Ratio Lower Upper

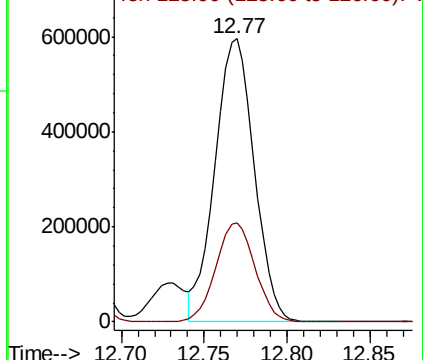
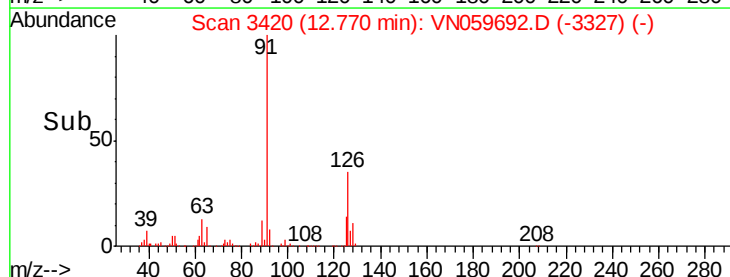
91 100

126 34.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 126.525 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

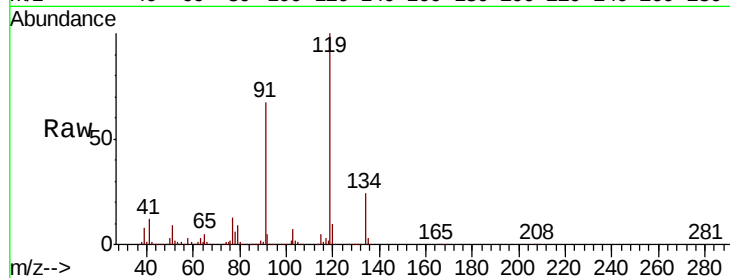
Tot Ion:119 Resp: 1015637

Ion Ratio Lower Upper

119 100

91 65.5 34.8 104.4

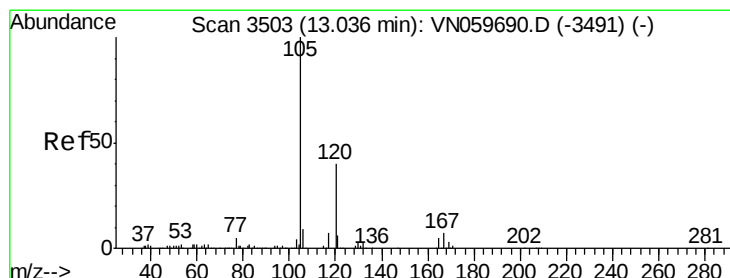
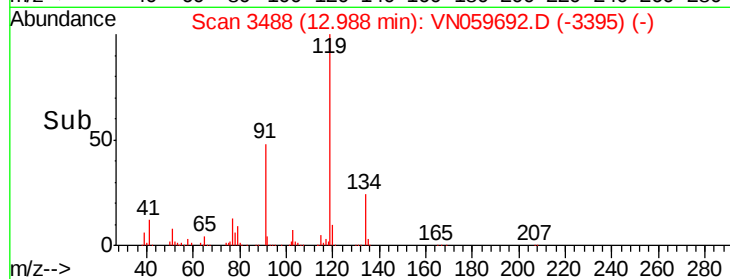
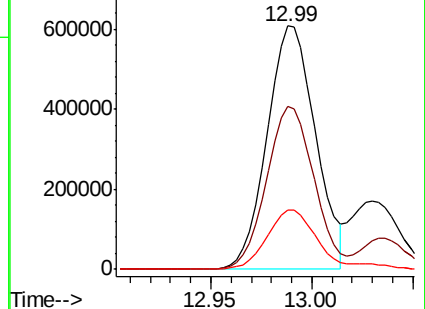
134 26.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 127.676 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059692.D

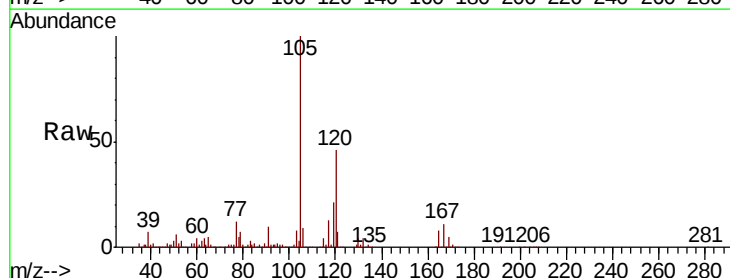
Acq: 13 Jan 2020 15:40

Tgt Ion:105 Resp: 1203361

Ion Ratio Lower Upper

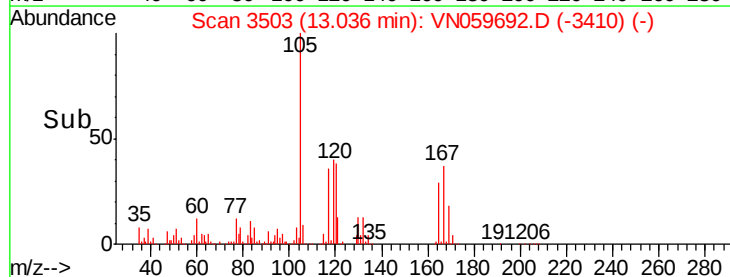
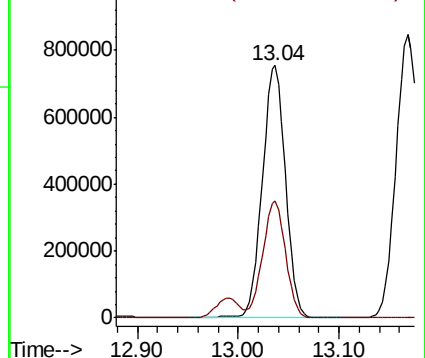
105 100

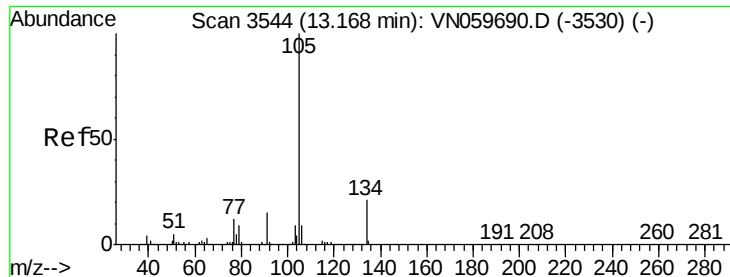
120 45.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 127.237 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

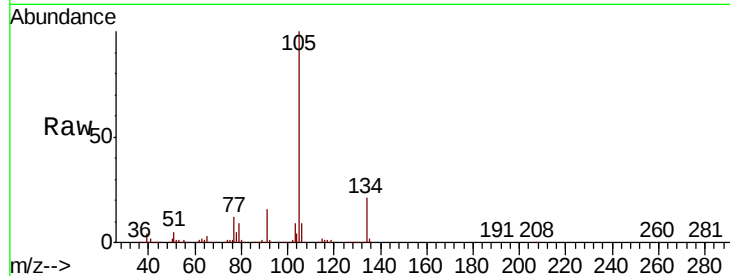
VSTDIC150

Tot Ion:105 Resp: 1358611

Ion Ratio Lower Upper

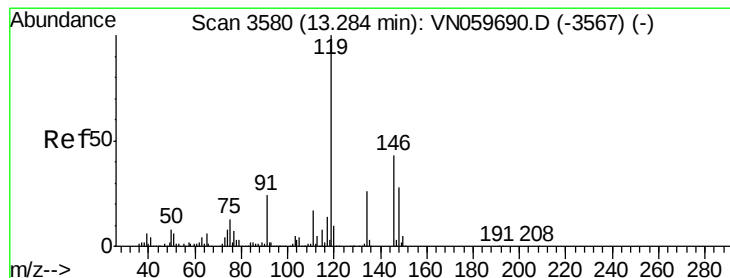
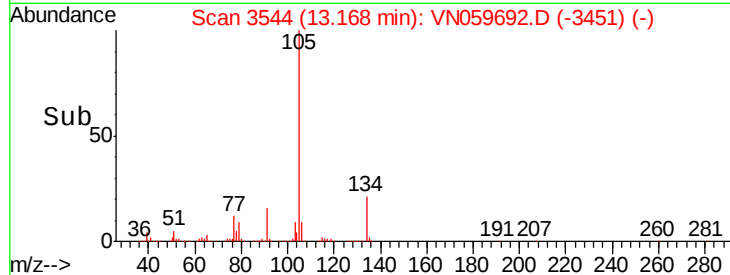
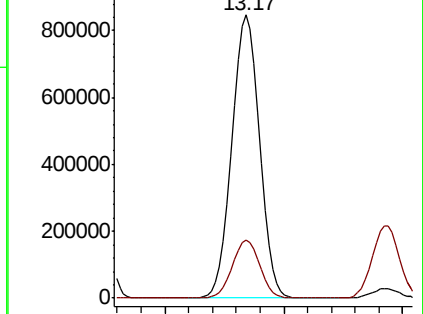
105 100

134 20.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 131.067 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

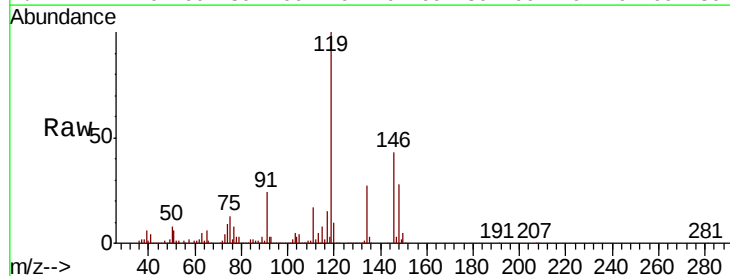
Tgt Ion:119 Resp: 1267532

Ion Ratio Lower Upper

119 100

134 27.1 12.9 38.7

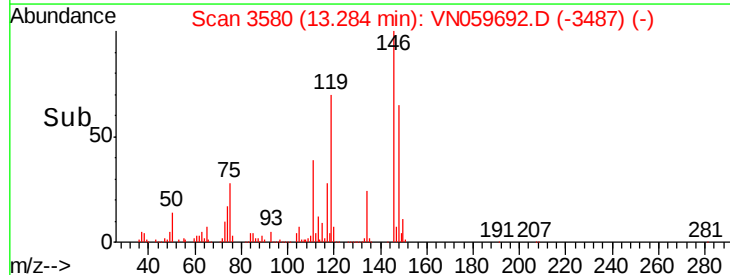
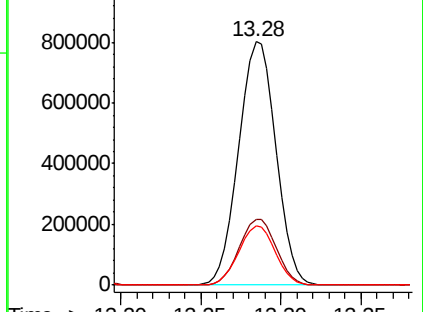
91 23.9 12.4 37.4



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: 127.967 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

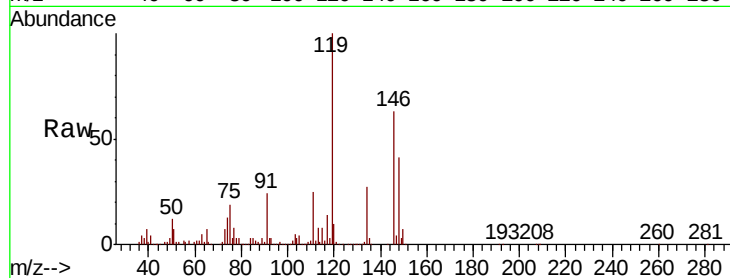
Tot Ion:146 Resp: 648172

Ion Ratio Lower Upper

146 100

111 39.2 20.8 62.2

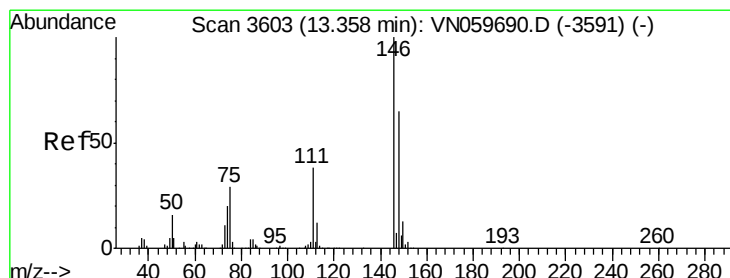
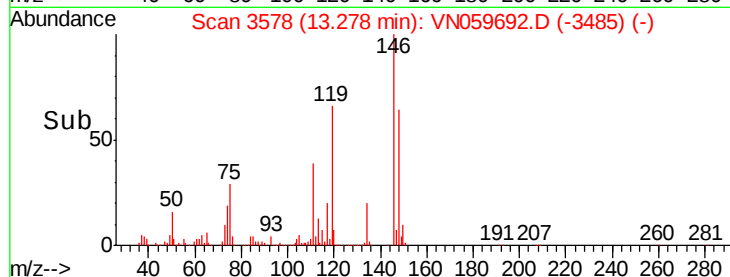
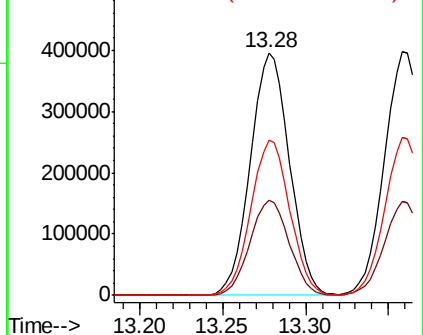
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 127.549 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

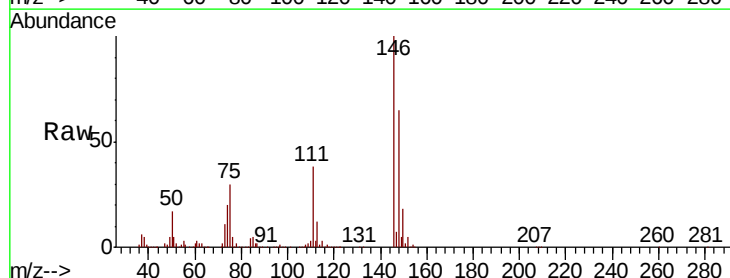
Tgt Ion:146 Resp: 651368

Ion Ratio Lower Upper

146 100

111 37.5 20.8 62.2

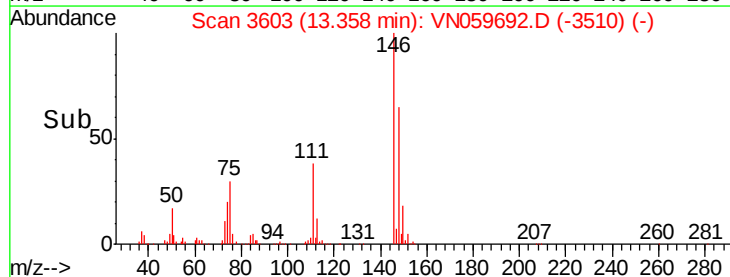
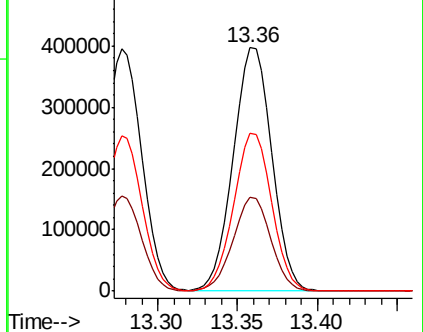
148 64.0 31.8 95.4

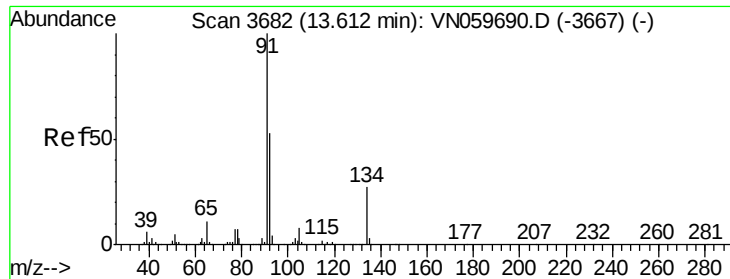


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 125.416 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

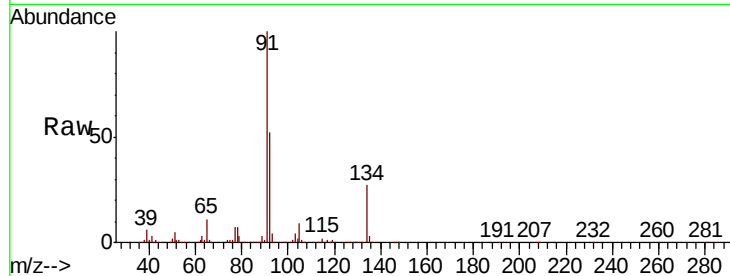
Tot Ion: 91 Resp: 1137124

Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.7
134	27.0	12.3	36.8

91 100

92 52.4 25.9 77.7

134 27.0 12.3 36.8

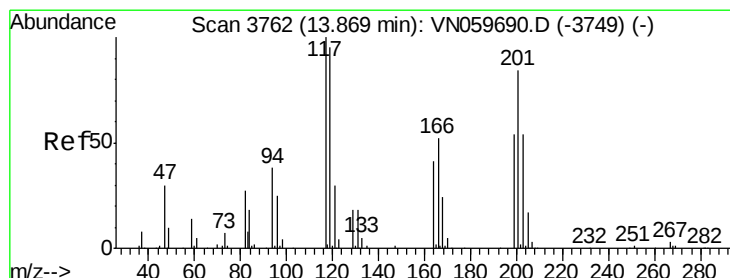
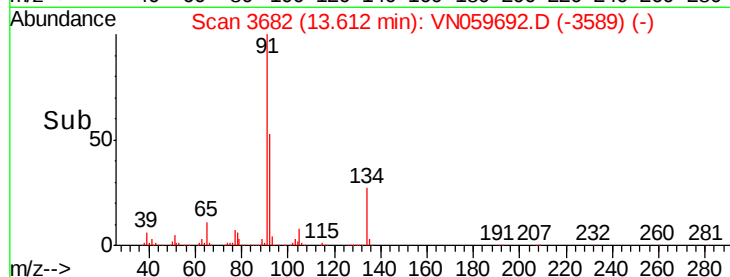
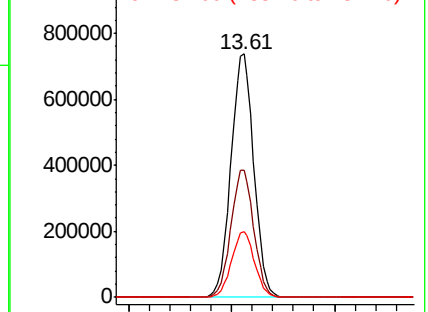


Abundance

Ion 91.00 (90.70 to 91.70): VN059692.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN059692.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN059692.D (-3667) (-)



#90

Hexachloroethane

Concen: 132.609 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059692.D

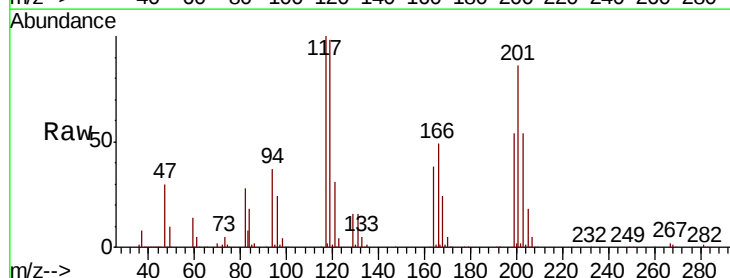
Acq: 13 Jan 2020 15:40

Tgt Ion: 117 Resp: 242411

Ion	Ratio	Lower	Upper
117	100		
201	86.7	37.8	113.4

117 100

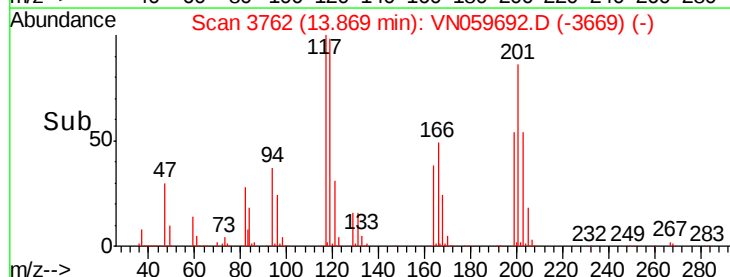
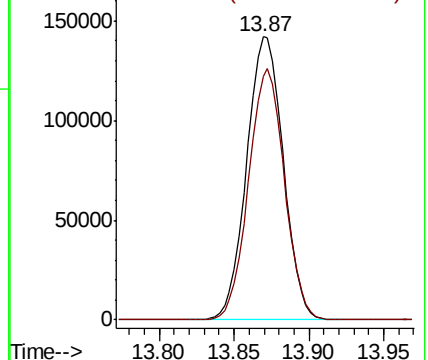
201 86.7 37.8 113.4

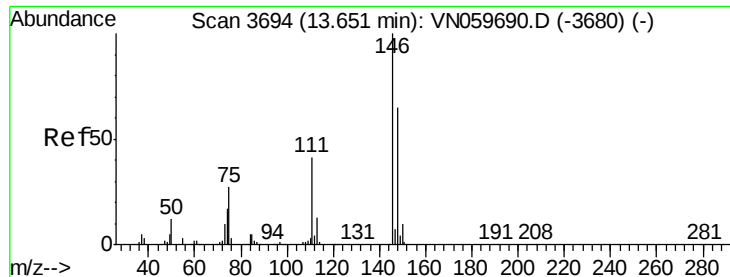


Abundance

Ion 116.80 (116.50 to 117.50): VN059692.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059692.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 124.577 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

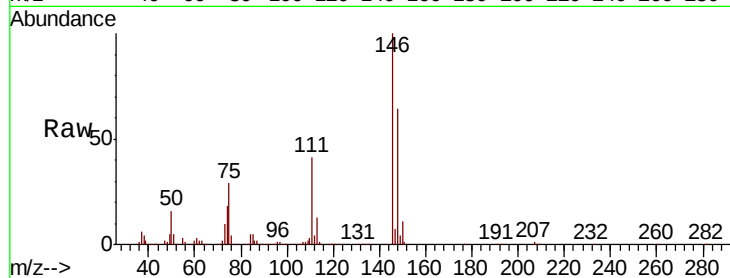
Tot Ion:146 Resp: 622295

Ion Ratio Lower Upper

146 100

111 40.5 21.6 64.8

148 64.2 31.6 95.0

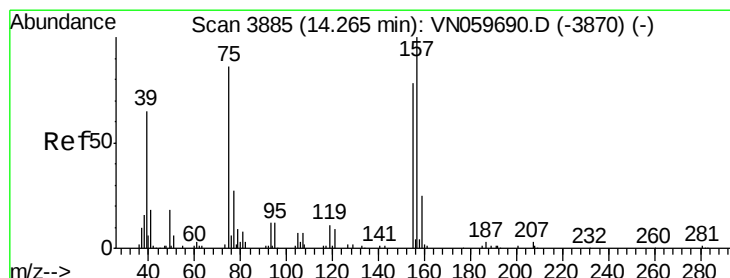
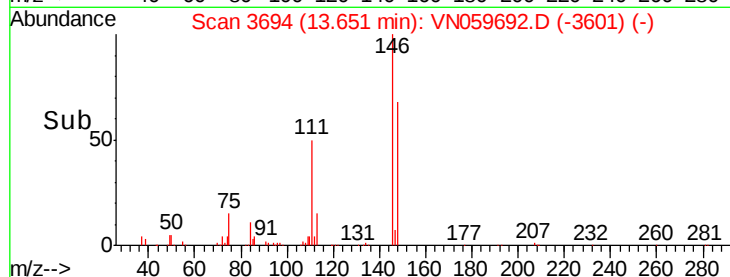
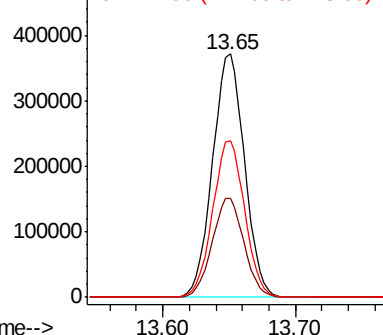


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 87.481 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059692.D

Acq: 13 Jan 2020 15:40

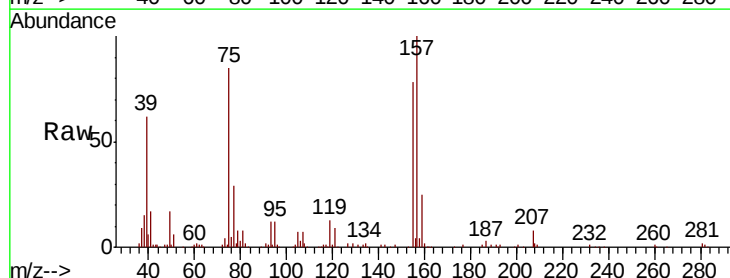
Tgt Ion: 75 Resp: 91519

Ion Ratio Lower Upper

75 100

155 91.0 37.0 110.9

157 117.1 48.4 145.2

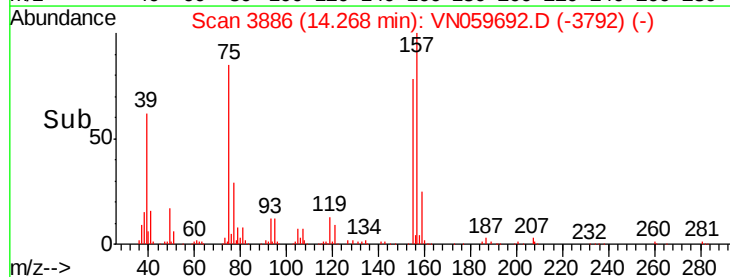
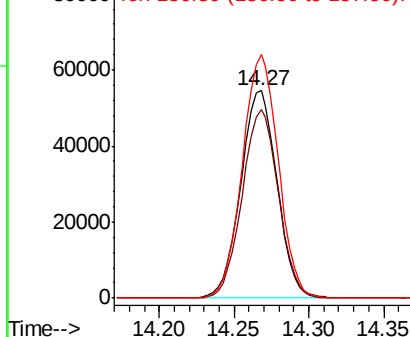


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

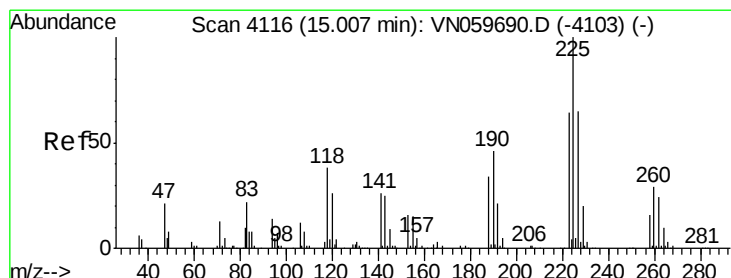
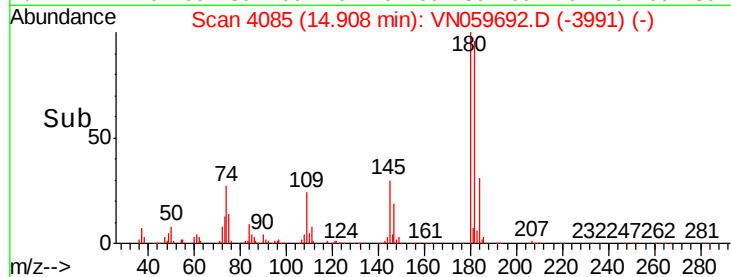
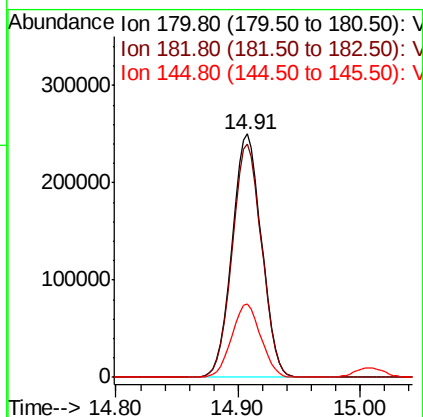
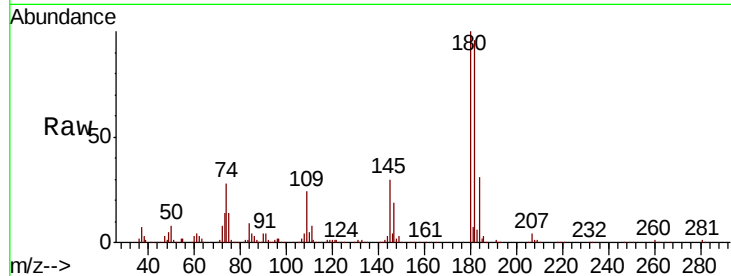




#93
 1,2,4-Trichlorobenzene
 Concen: 129.819 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

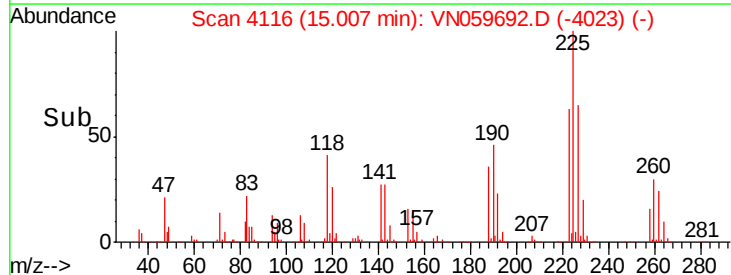
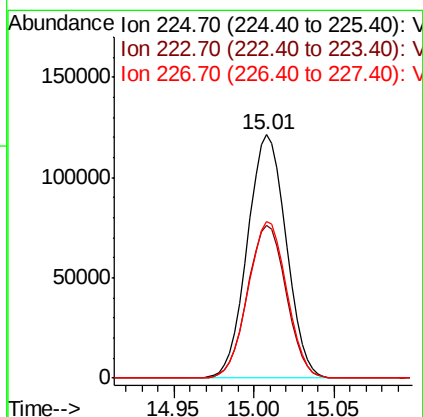
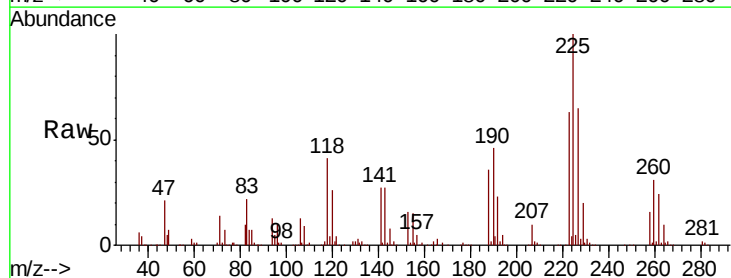
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

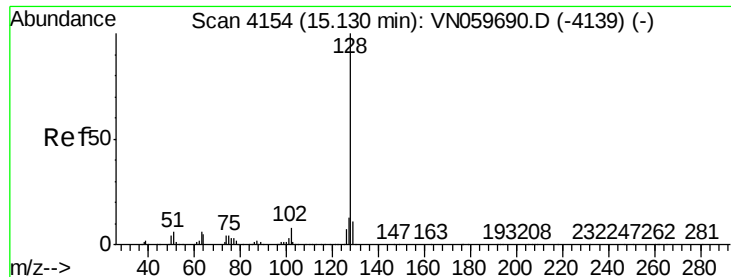
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.9	140.7
145	30.0	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 116.527 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059692.D
 Acq: 13 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.8	95.3
227	64.3	32.1	96.5

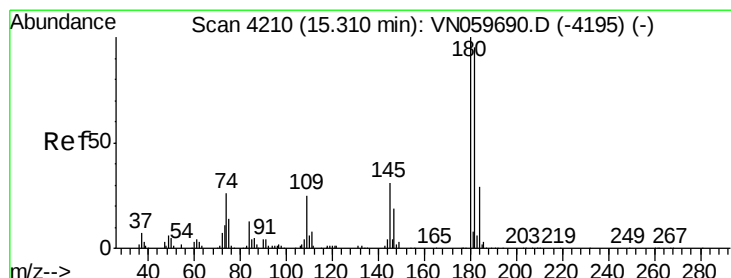
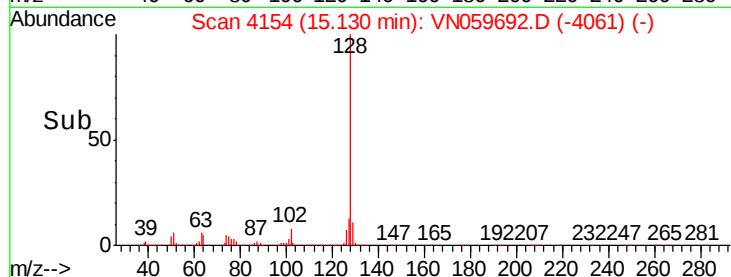
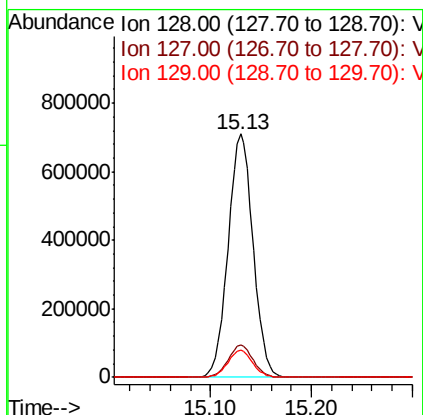
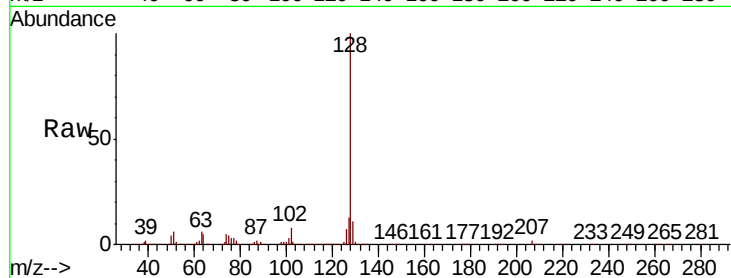




#95
Naphthalene
Concen: 127.056 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1223485
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 123.783 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059692.D
Acq: 13 Jan 2020 15:40

Tgt Ion:180 Resp: 403835
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.3
145 31.8 16.3 48.9

