

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061857.D
 Acq On : 17 Jun 2020 18:39
 Operator : JC/MD
 Sample : L3003-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0570

Quant Time: Jun 18 03:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	253071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	90583	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
35) Dibromofluoromethane	7.55	113	80953	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.06	98	313951	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.38	95	109884	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.16	62	30358	12.735	ug/l	100
11) Tert butyl alcohol	4.74	59	587	2.195	ug/l #	74
13) Acrolein	3.66	56	376	2.353	ug/l #	1
14) Allyl chloride	4.22	41	428	0.220	ug/l #	19
16) Acetone	3.77	43	218042	382.048	ug/l	98
17) Carbon Disulfide	4.01	76	2047	0.478	ug/l #	75
18) Methyl Acetate	4.28	43	486	0.296	ug/l #	46
21) trans-1,2-Dichloroethene	4.99	96	14438	8.587	ug/l	95
25) 2-Butanone	6.79	43	4795610	5759.255	ug/l	94
27) cis-1,2-Dichloroethene	6.78	96	104505	53.869	ug/l	90
28) Bromochloromethane	7.14	49	3368	2.601	ug/l #	6
29) Tetrahydrofuran	7.15	42	32155	58.678	ug/l #	53
31) Cyclohexane	7.63	56	2991	1.175	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11508	4.986	ug/l #	48
37) Ethyl Acetate	6.79	43	4795610	2660.464	ug/l #	69
38) Carbon Tetrachloride	7.63	117	14003	6.126	ug/l #	16
39) Methylcyclohexane	8.80	83	2867	1.153	ug/l #	1
41) Methacrylonitrile	7.15	41	146253	189.743	ug/l #	100
44) Trichloroethene	8.80	130	259098	140.798	ug/l	97
45) 1,2-Dichloropropane	8.80	63	552	0.321	ug/l #	1
48) Methyl methacrylate	9.15	41	4072	2.948	ug/l #	27
51) 4-Methyl-2-Pentanone	9.95	43	1858	1.035	ug/l #	83
52) Toluene	10.13	92	27342	6.226	ug/l	97
59) 2-Hexanone	10.73	43	4859	16.613	ug/l	91
67) Ethyl Benzene	11.48	91	2645	0.304	ug/l	89
68) m/p-Xylenes	11.59	106	2534	0.755	ug/l	90
69) o-Xylene	11.92	106	836	0.261	ug/l	57
71) Bromoform	12.38	173	599	0.454	ug/l #	1
74) N-amyl acetate	12.00	43	12678	7.388	ug/l #	44
76) 1,2,3-Trichloropropane	12.38	75	54744	26.071	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	1522	0.242	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.38	75	54744	71.106	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.02	105	4887	0.787	ug/l	96
90) Hexachloroethane	13.97	117	374	0.329	ug/l #	15

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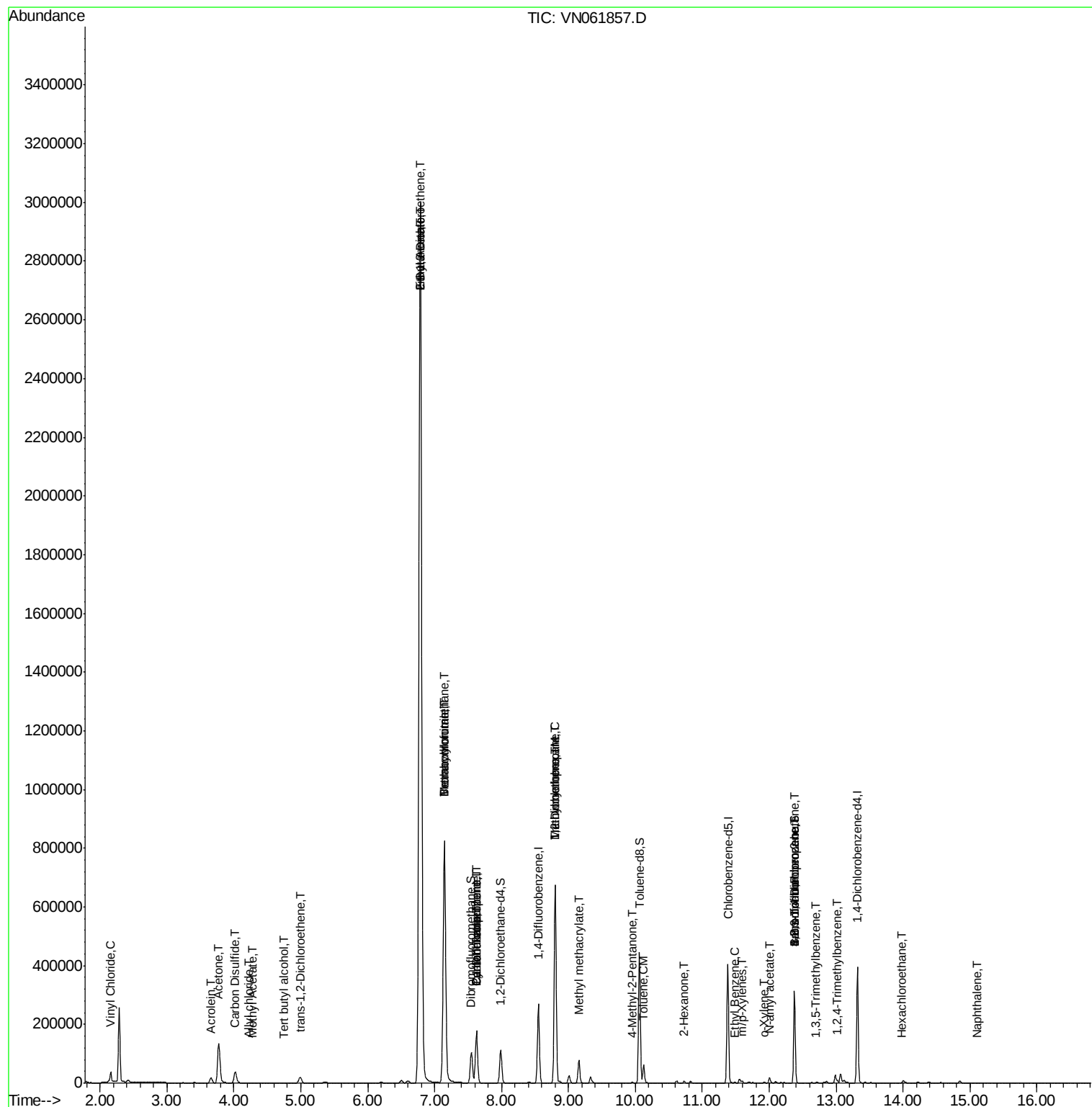
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	1136	3.682	ug/l #	69

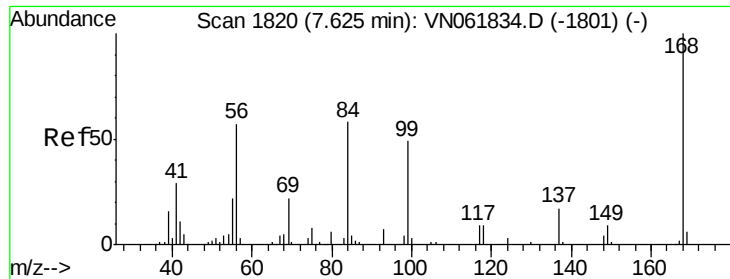
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

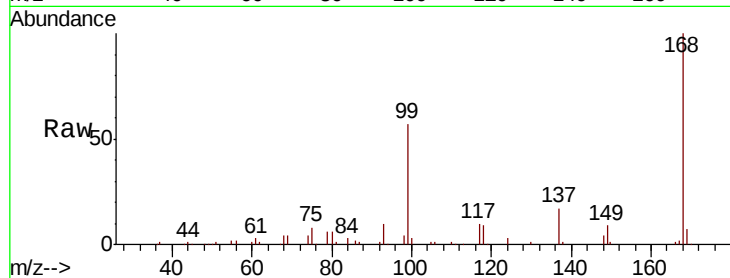
S49-0570

Tot Ion:168 Resp: 144066

Ion Ratio Lower Upper

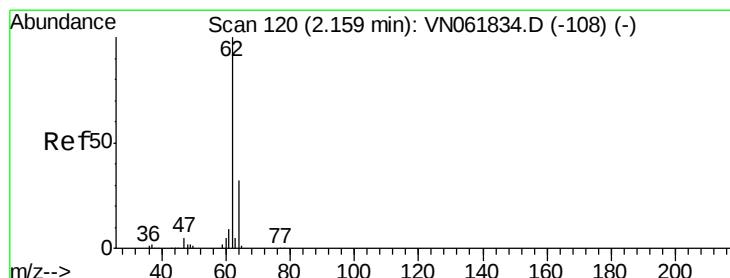
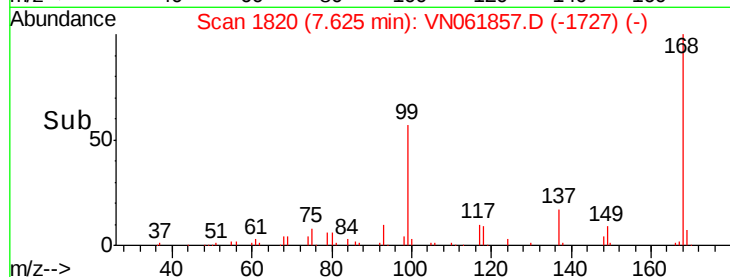
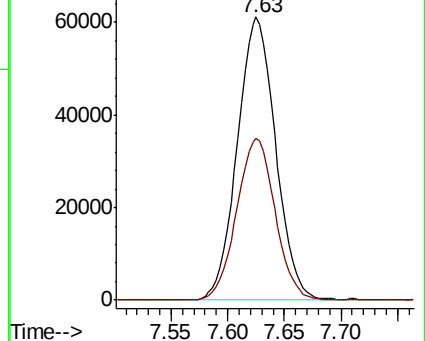
168 100

99 57.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 12.735 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061857.D

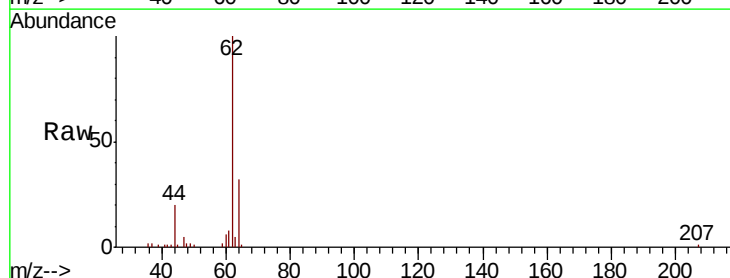
Acq: 17 Jun 2020 18:39

Tgt Ion: 62 Resp: 30358

Ion Ratio Lower Upper

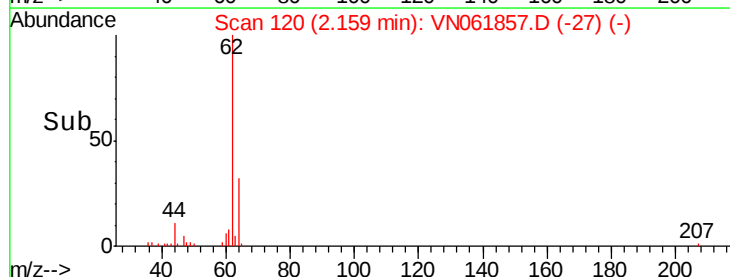
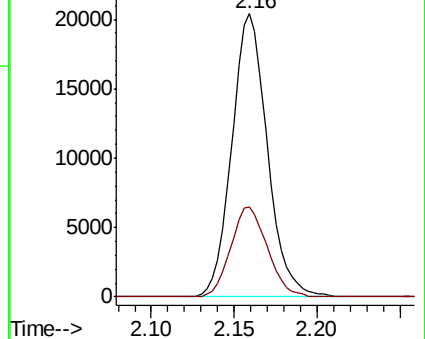
62 100

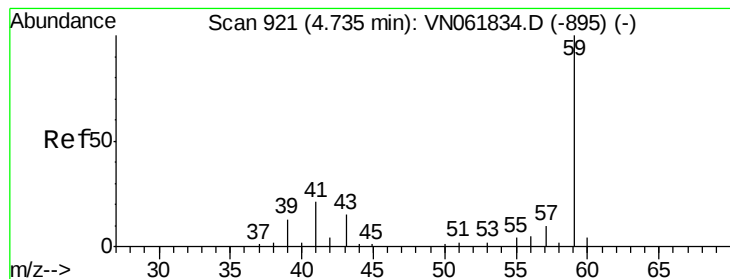
64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



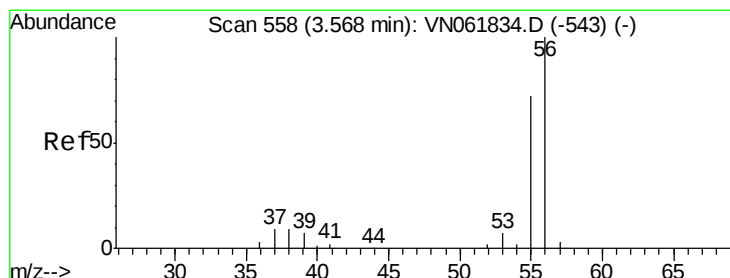
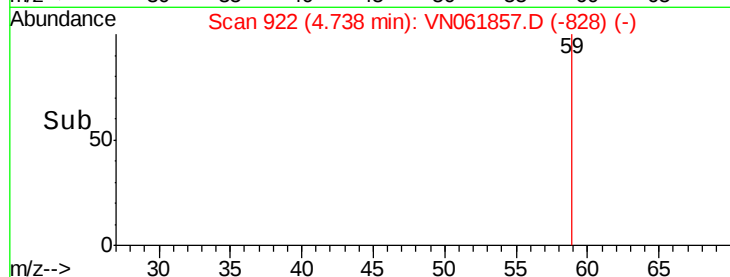
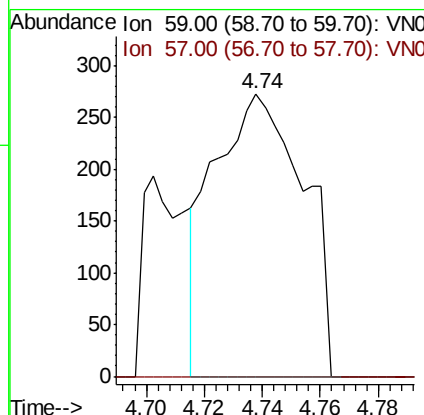
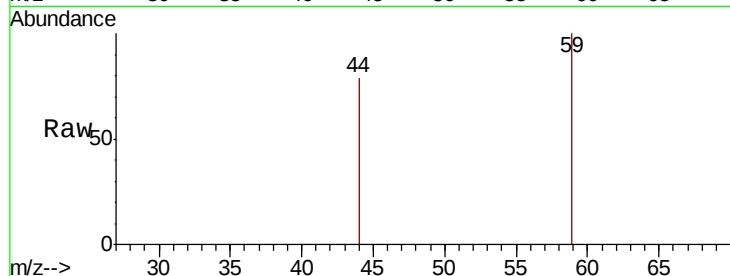


#11

Tert butyl alcohol
 Concen: 2.195 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

Instrument :
 MSVOA_N
 ClientSampled :
 S49-0570

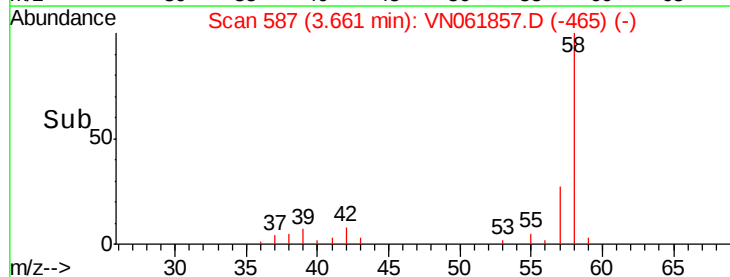
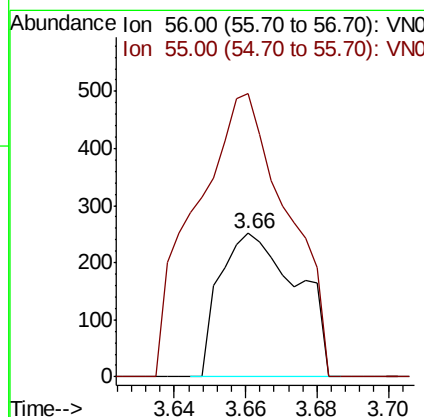
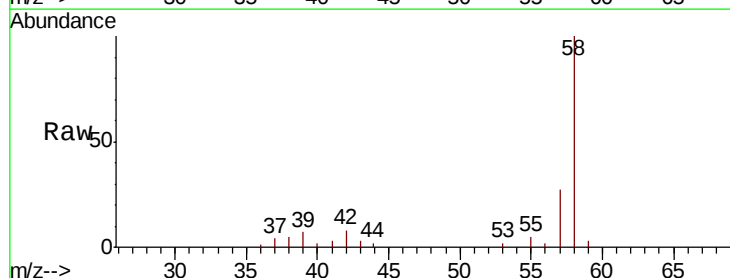
Tot Ion: 59 Resp: 587
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

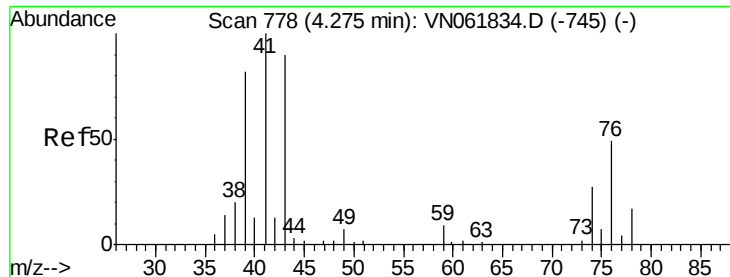


#13

Acrolein
 Concen: 2.353 ug/l
 RT: 3.66 min Scan# 587
 Delta R.T. 0.09 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

Tgt Ion: 56 Resp: 376
 Ion Ratio Lower Upper
 56 100
 55 234.6 56.2 84.4#





#14

Allvl chloride

Concen: 0.220 ug/l

RT: 4.22 min Scan# 760

Delta R.T. -0.06 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0570

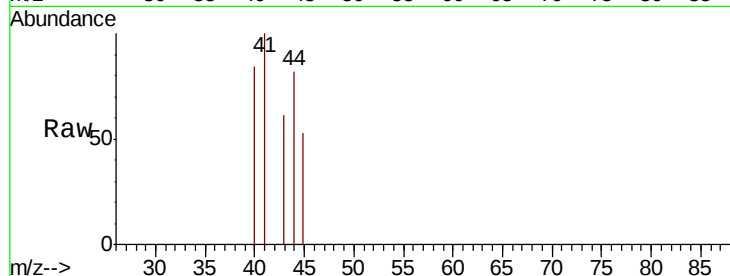
Tot Ion: 41 Resp: 428

Ion Ratio Lower Upper

41 100

39 0.0 60.2 90.2#

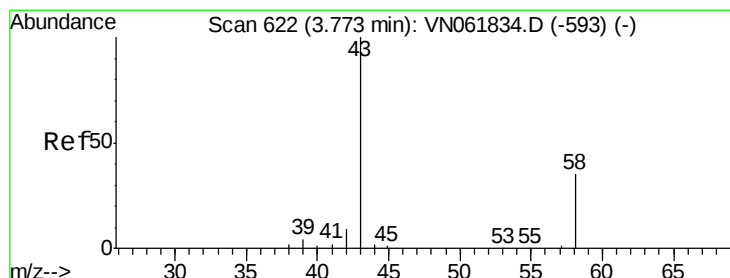
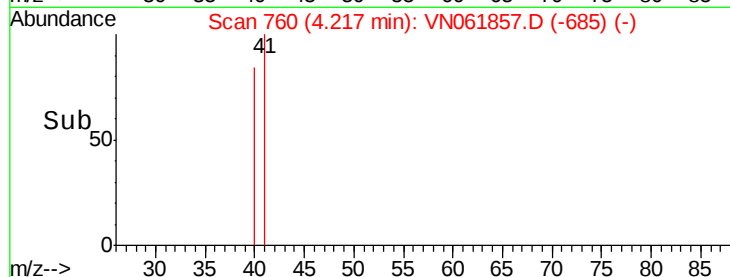
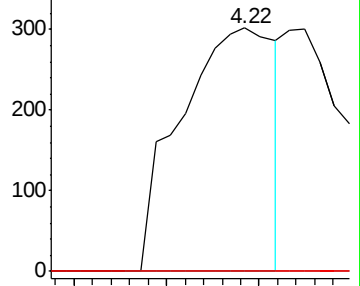
76 0.0 36.3 54.5#



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)



#16

Acetone

Concen: 382.048 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061857.D

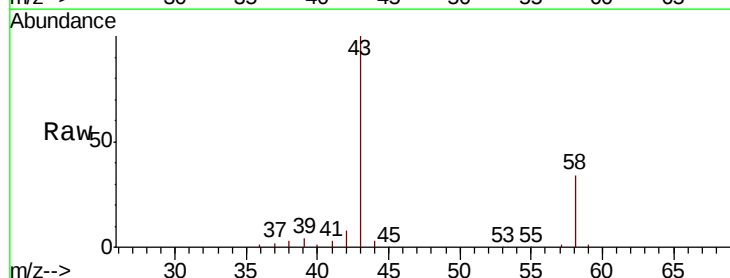
Acq: 17 Jun 2020 18:39

Tgt Ion: 43 Resp: 218042

Ion Ratio Lower Upper

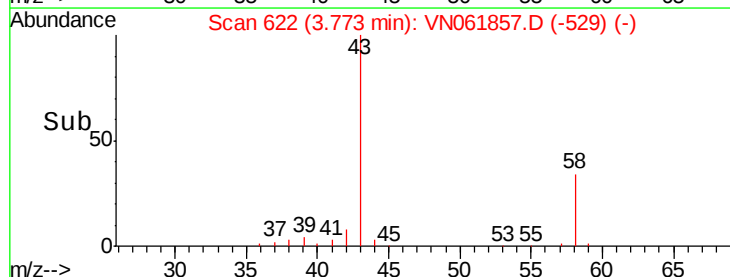
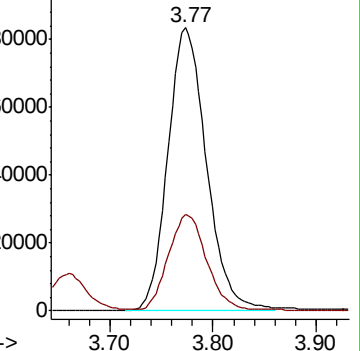
43 100

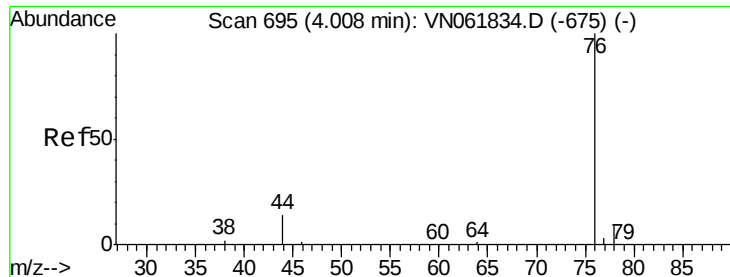
58 33.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

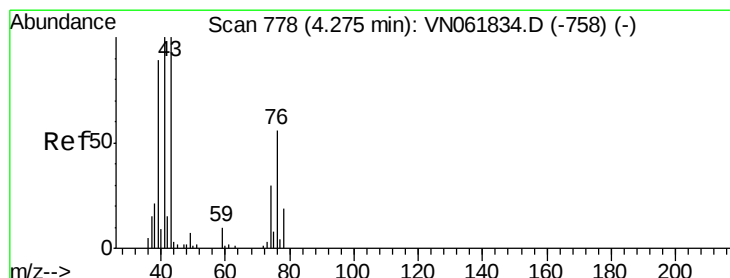
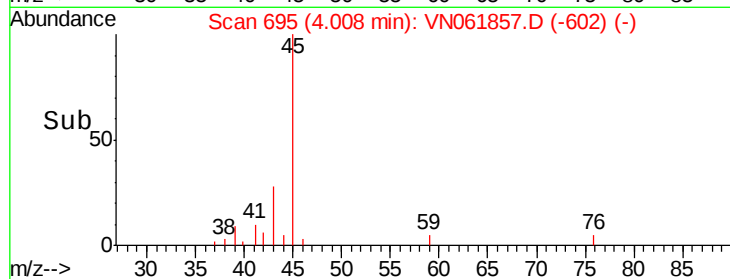
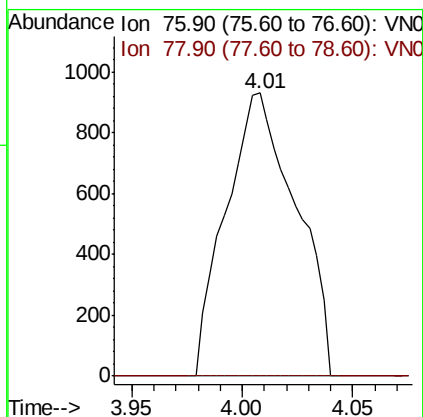
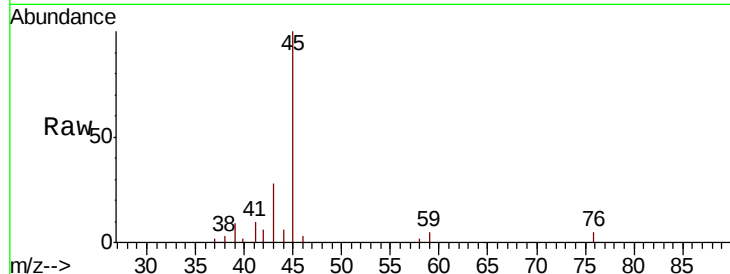




#17
Carbon Disulfide
Concen: 0.478 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

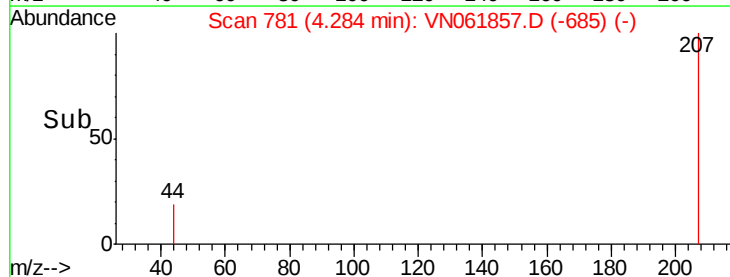
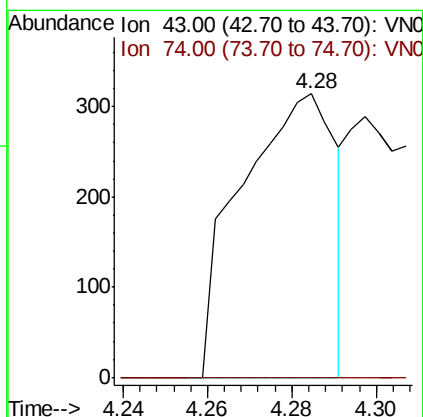
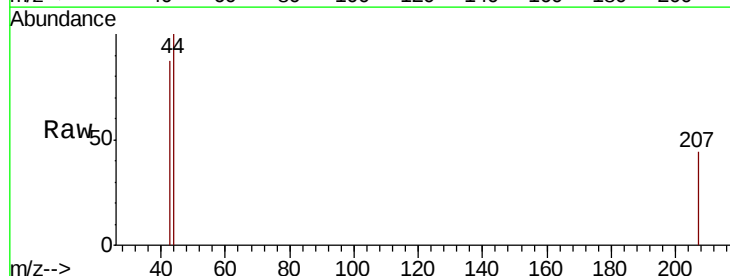
Instrument :
MSVOA_N
ClientSampled :
S49-0570

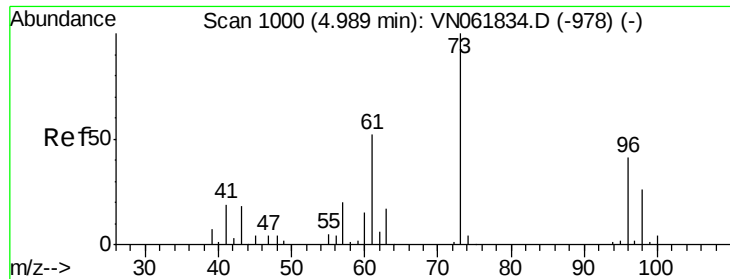
Tot Ion: 76 Resp: 2047
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#

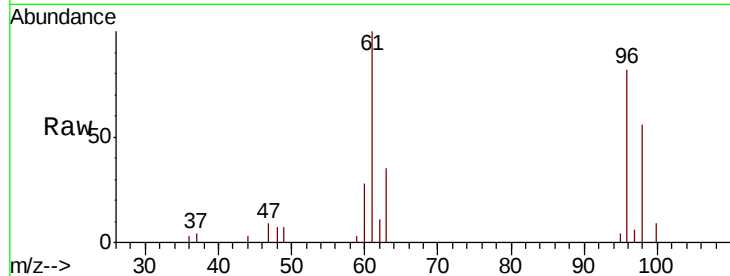




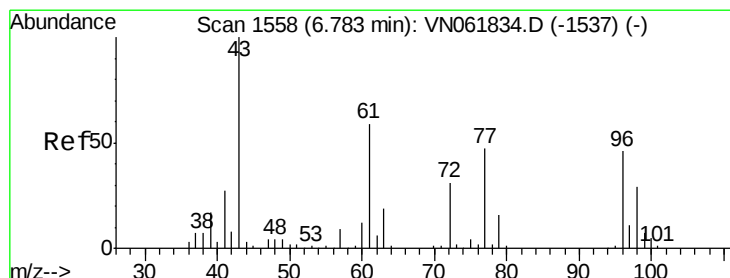
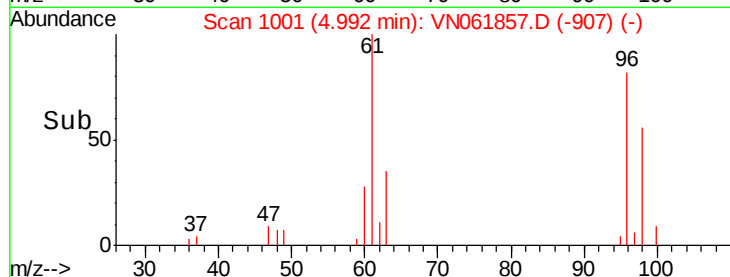
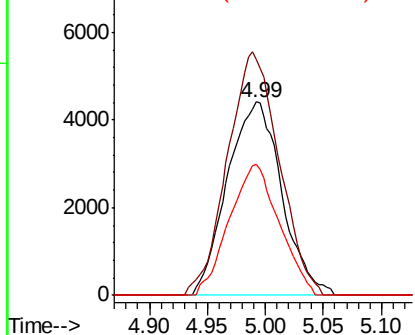
#21
trans-1,2-Dichloroethene
Concen: 8.587 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Instrument :
MSVOA_N
ClientSampleId :
S49-0570

Tot Ion: 96 Resp: 14438
Ion Ratio Lower Upper
96 100
61 121.8 102.2 153.4
98 67.6 51.2 76.8

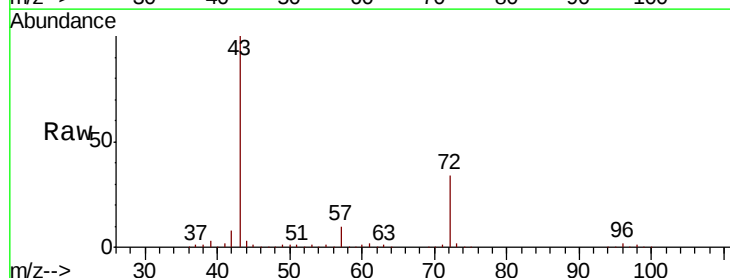


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

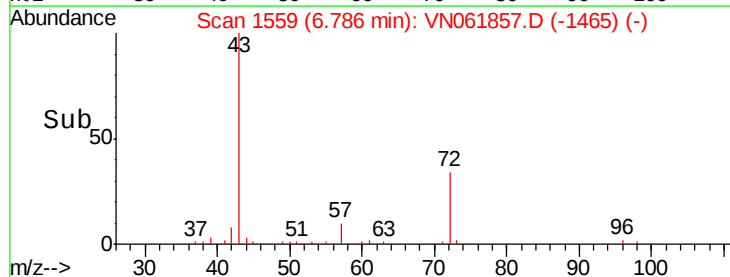
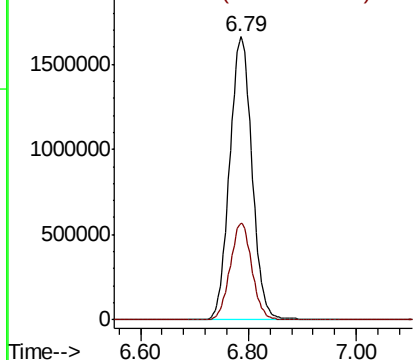


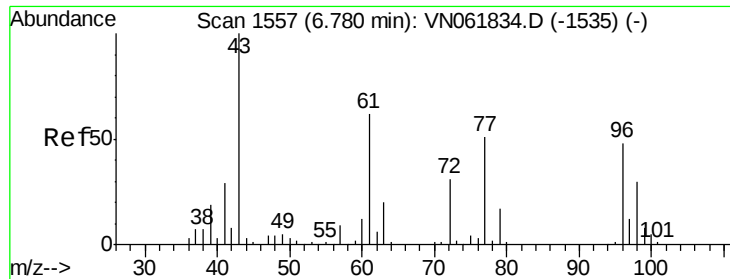
#25
2-Butanone
Concen: 5759.255 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 43 Resp: 4795610
Ion Ratio Lower Upper
43 100
72 34.3 24.6 37.0



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

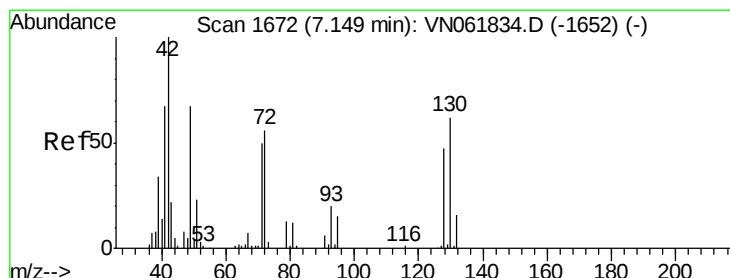
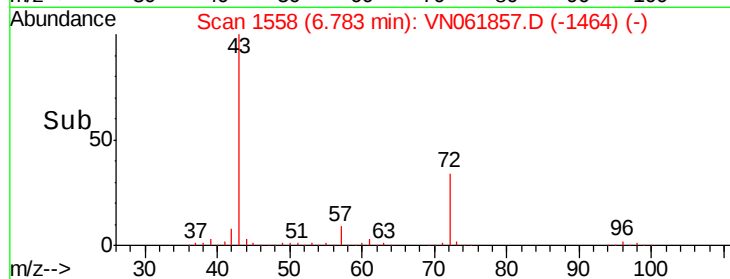
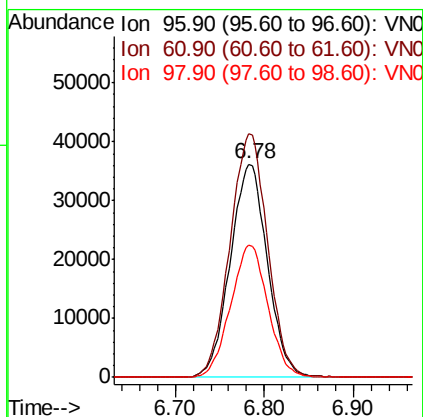
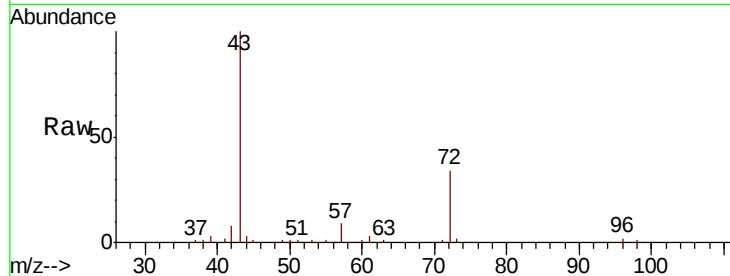




#27
 cis-1,2-Dichloroethene
 Concen: 53.869 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

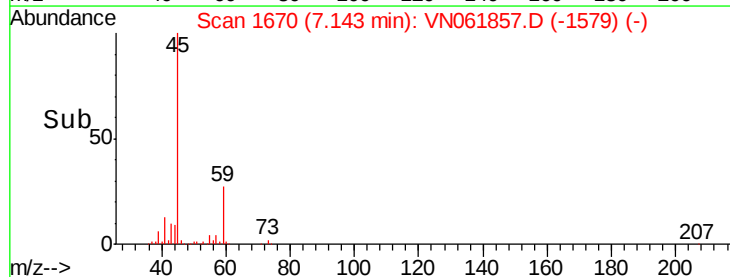
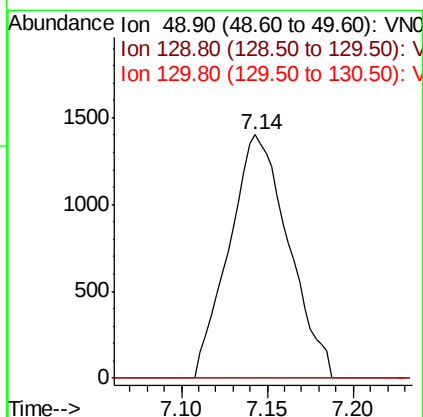
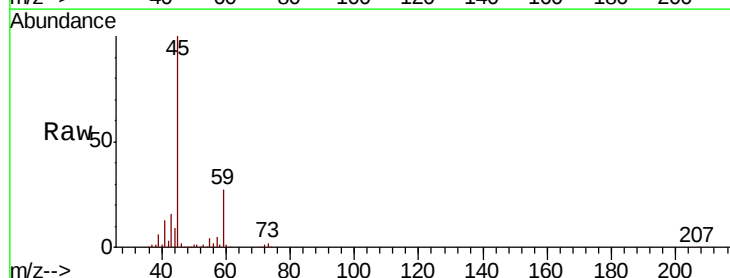
Instrument :
 MSVOA_N
 ClientSampled :
 S49-0570

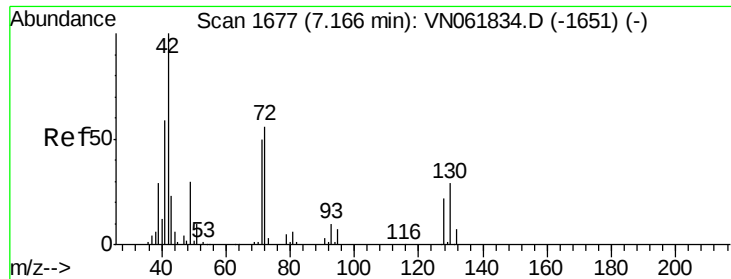
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	265.6
98	62.1	0.0	128.2



#28
 Bromochloromethane
 Concen: 2.601 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	72.2	108.2

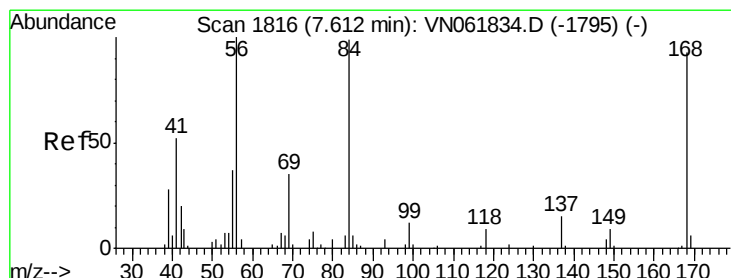
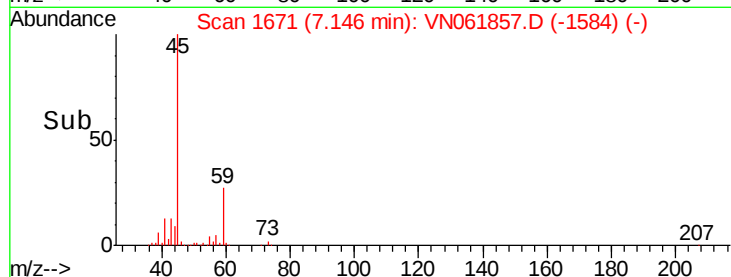
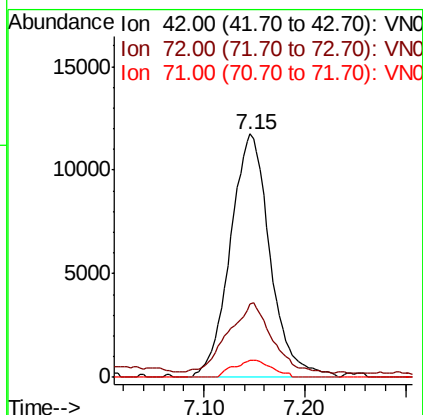
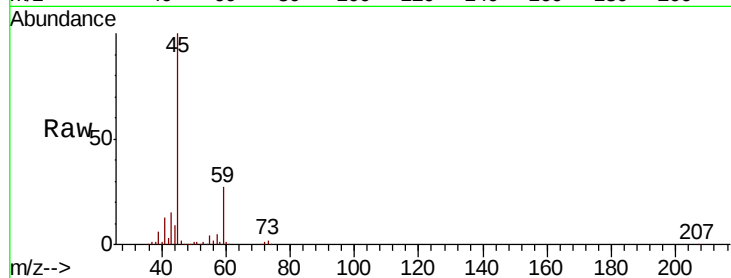




#29
Tetrahydrofuran
Concen: 58.678 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.02 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

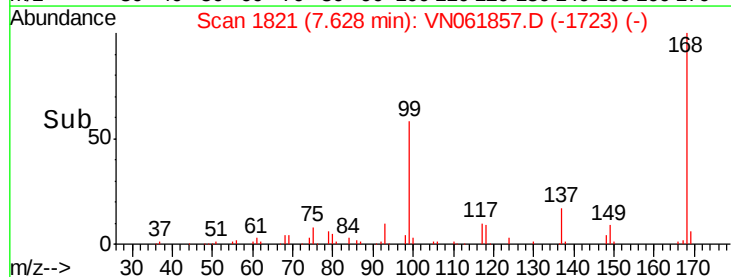
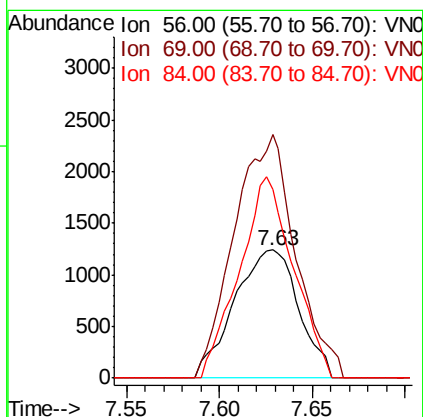
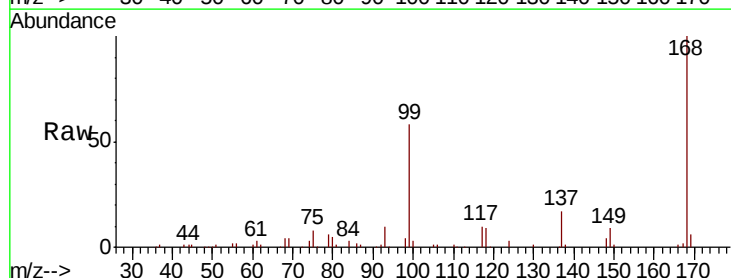
Instrument :
MSVOA_N
ClientSampleId :
S49-0570

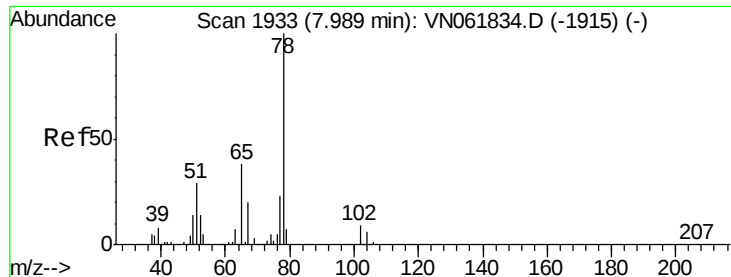
Tot Ion: 42 Resp: 32155
Ion Ratio Lower Upper
42 100
72 31.8 44.0 66.0#
71 6.6 40.0 60.0#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 56 Resp: 2991
Ion Ratio Lower Upper
56 100
69 189.7 27.7 41.5#
84 146.9 79.1 118.7#

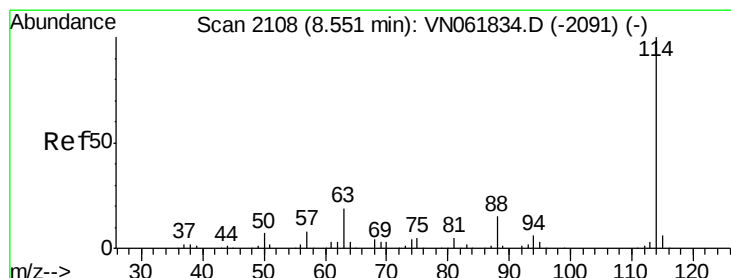
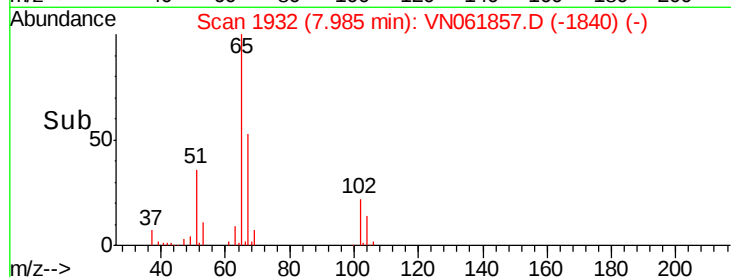
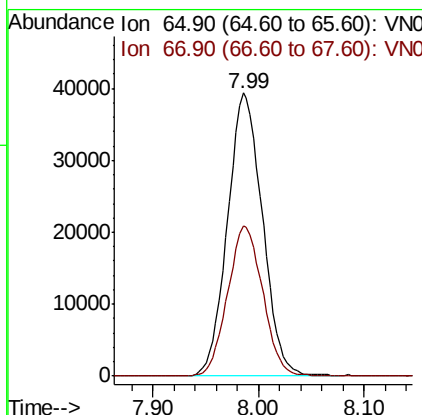
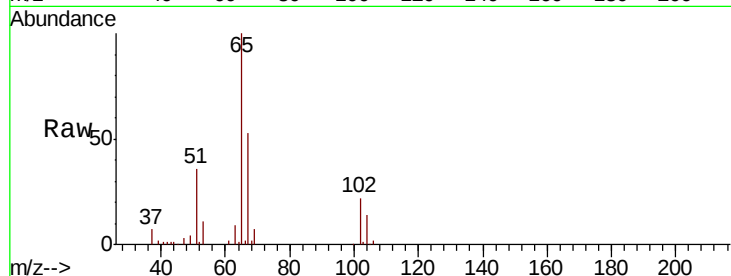




#33
 1,2-Dichloroethane-d4
 Concen: 46.882 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

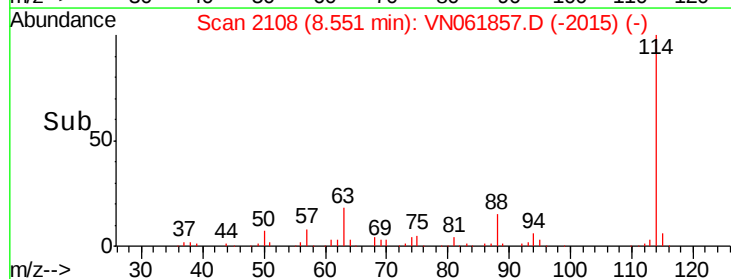
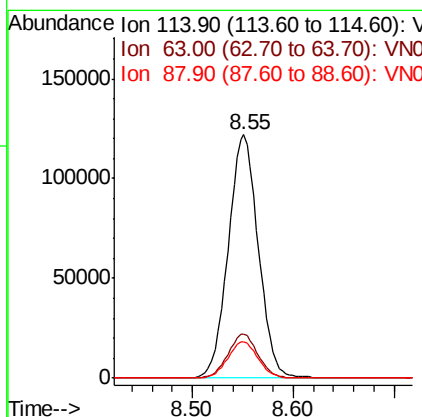
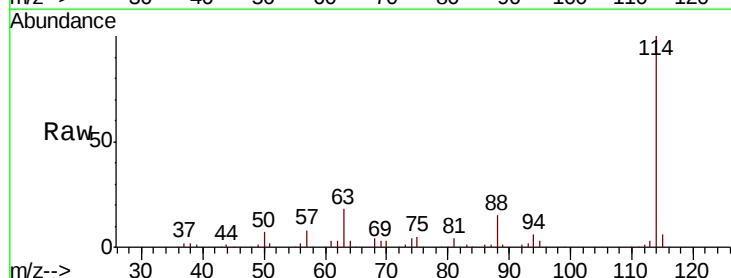
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0570

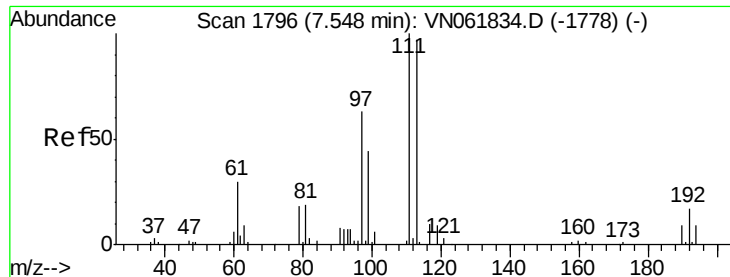
Tot Ion: 65 Resp: 90583
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

Tgt Ion: 114 Resp: 253071
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.6
 88 15.0 0.0 31.0

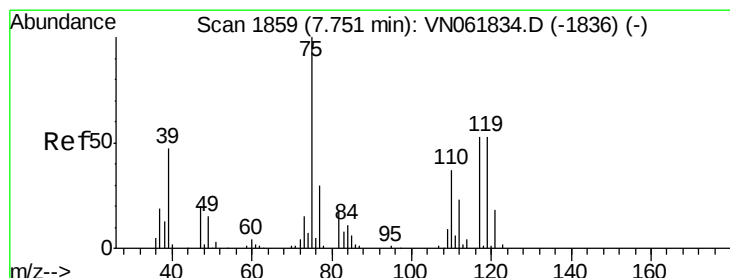
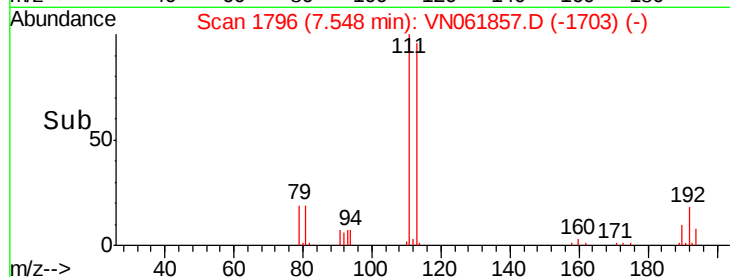
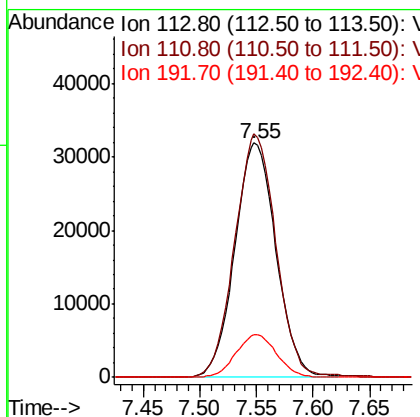
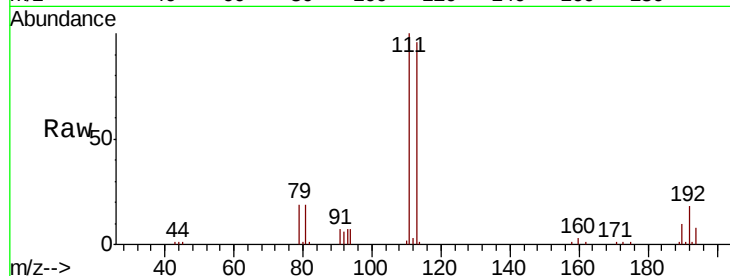




#35
 Dibromofluoromethane
 Concen: 50.001 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

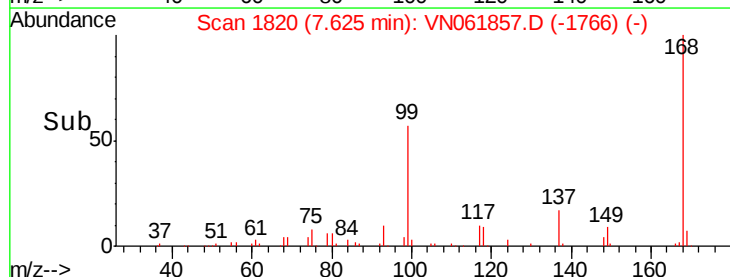
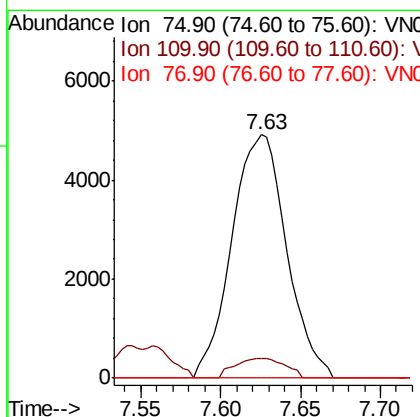
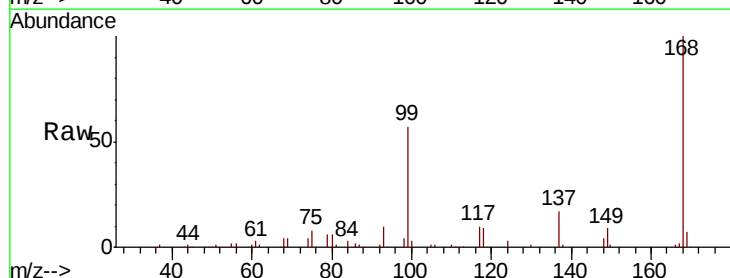
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0570

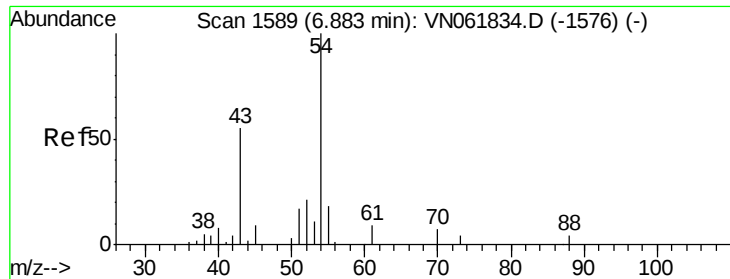
Tot Ion:113 Resp: 80953
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.7 125.5
 192 17.9 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.986 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061857.D
 Acq: 17 Jun 2020 18:39

Tgt Ion: 75 Resp: 11508
 Ion Ratio Lower Upper
 75 100
 110 7.3 18.2 54.6#
 77 0.0 24.2 36.4#

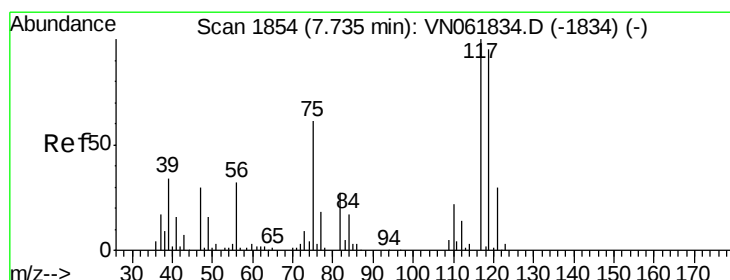
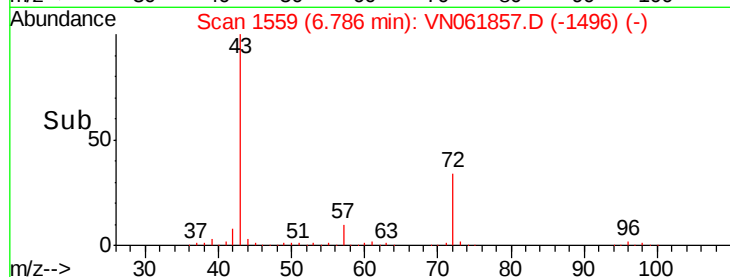
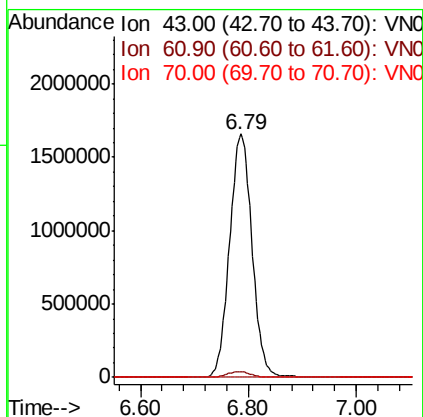
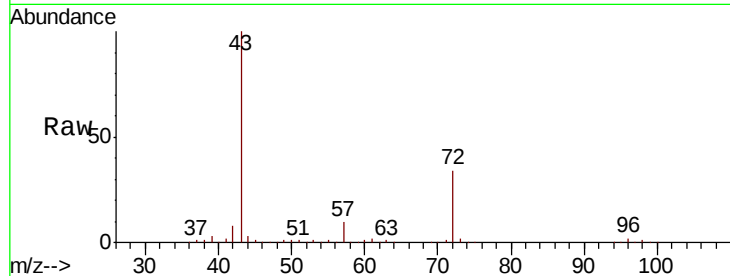




#37
Ethyl Acetate
Concen: 2660.464 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.10 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

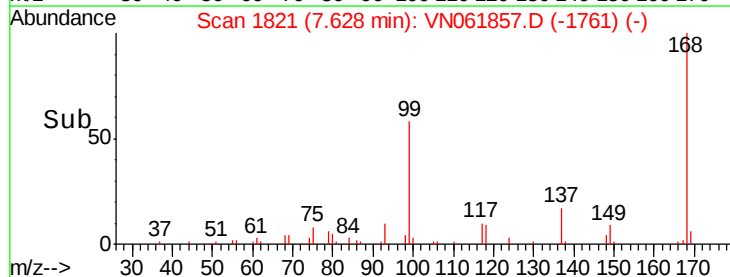
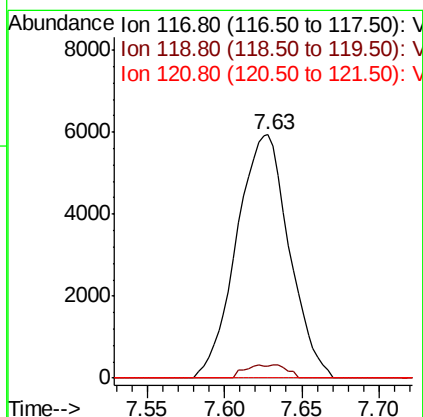
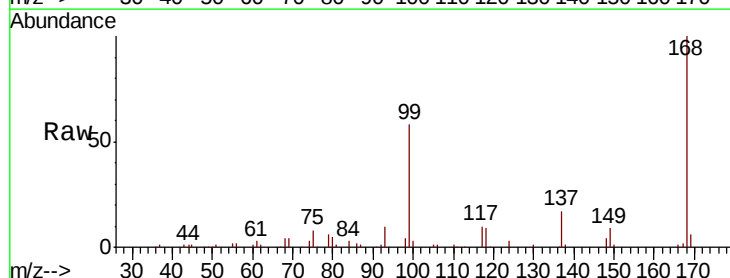
Instrument :
MSVOA_N
ClientSampleId :
S49-0570

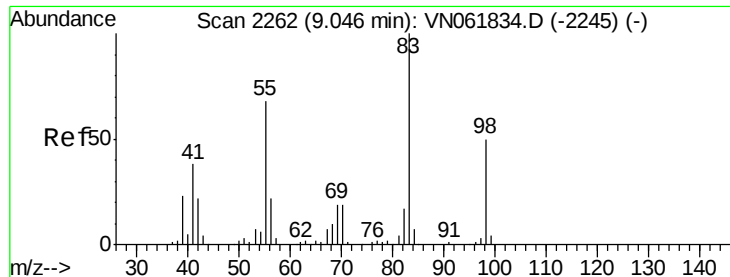
Tot Ion: 43 Resp: 4795610
Ion Ratio Lower Upper
43 100
61 2.5 13.0 19.4#
70 0.1 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 117 Resp: 14003
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 23.8 35.6#

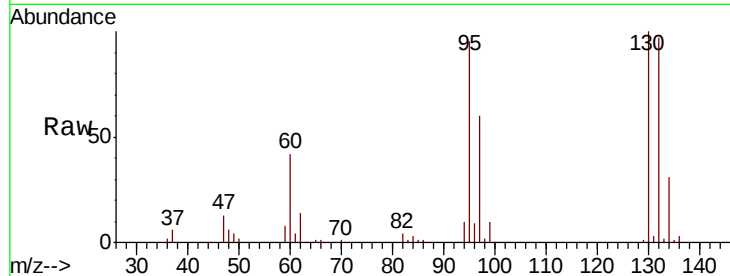




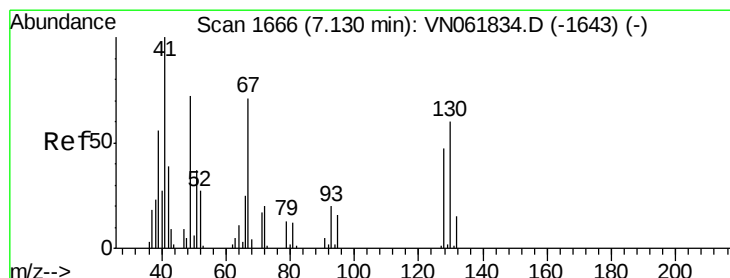
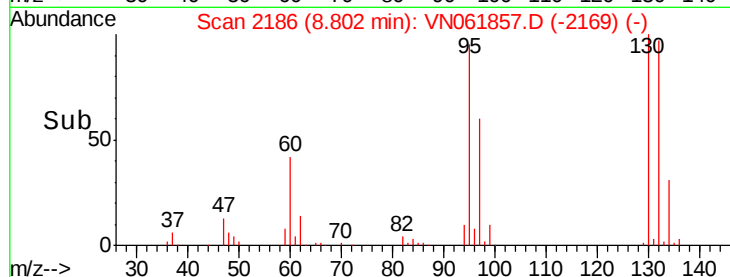
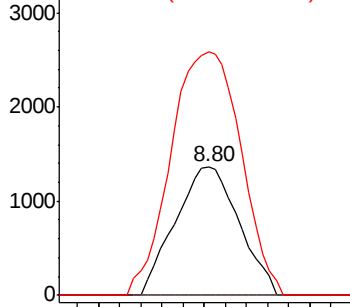
#39
Methylvlcyclohexane
Concen: 1.153 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.24 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Instrument :
MSVOA_N
ClientSampleId :
S49-0570

Tot Ion: 83 Resp: 2867
Ion Ratio Lower Upper
83 100
55 0.0 54.2 81.4#
98 189.1 39.8 59.6#

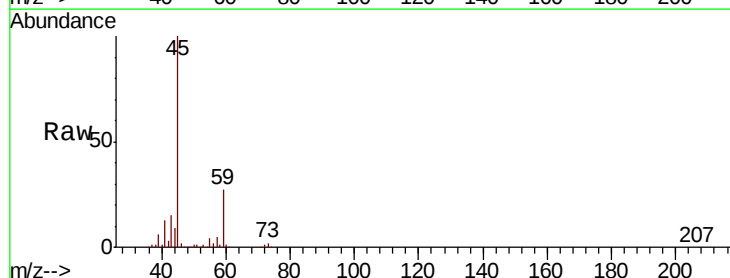


Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

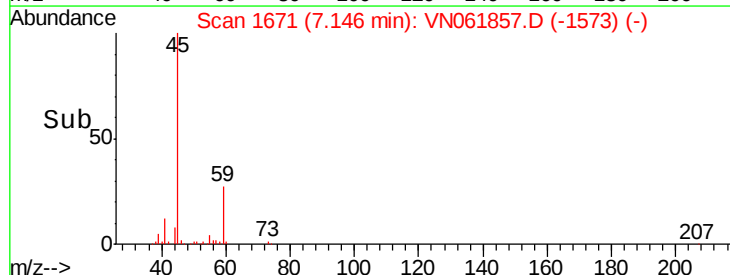
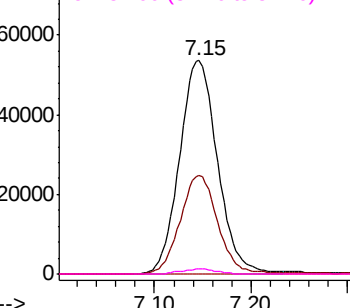


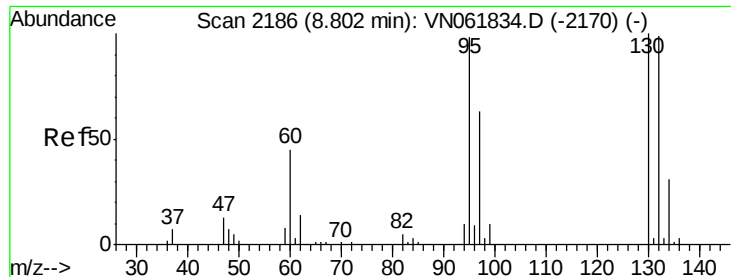
#41
Methacrylonitrile
Concen: 189.743 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. 0.02 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 41 Resp: 146253
Ion Ratio Lower Upper
41 100
39 45.7 0.0 0.0#
67 0.0 0.0 0.0
52 2.1 0.0 0.0#



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





#44

Trichloroethene

Concen: 140.798 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

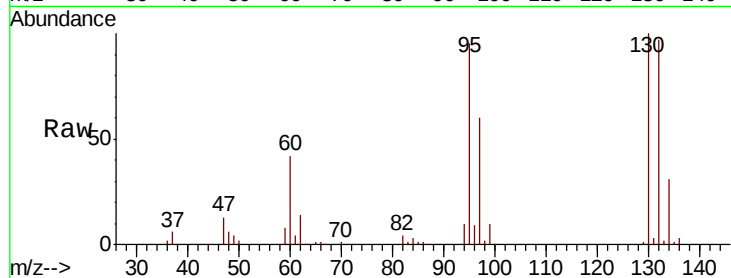
S49-0570

Tot Ion:130 Resp: 259098

Ion Ratio Lower Upper

130 100

95 95.0 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

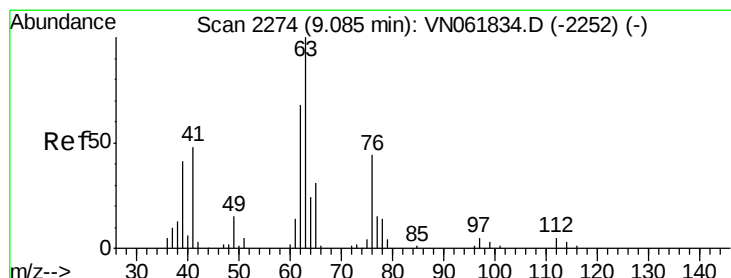
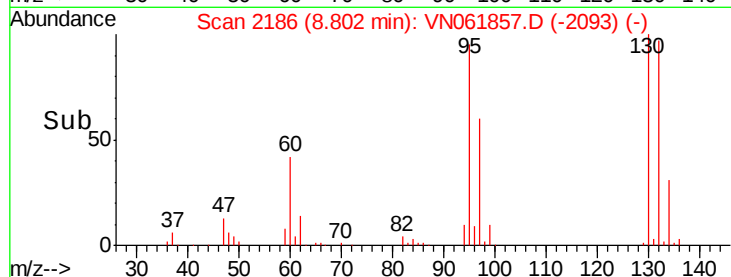
8.80

100000

50000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#45

1,2-Dichloropropane

Concen: 0.321 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.29 min

Lab File: VN061857.D

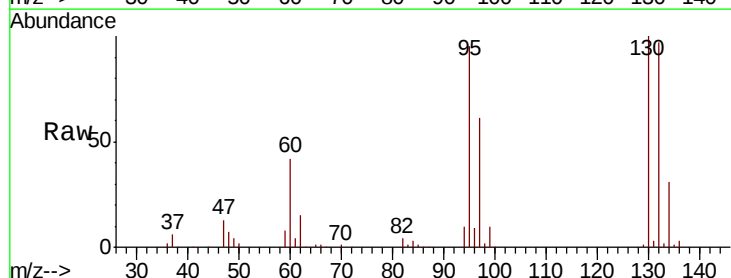
Acq: 17 Jun 2020 18:39

Tgt Ion: 63 Resp: 552

Ion Ratio Lower Upper

63 100

65 292.9 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

2000

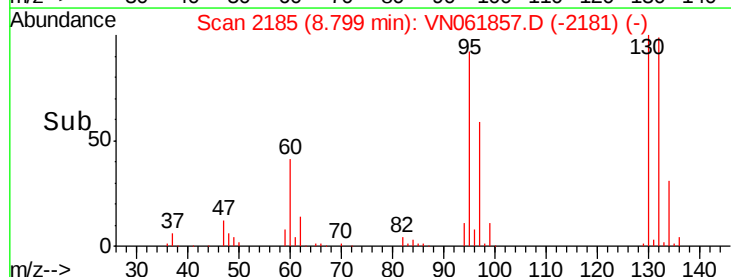
1500

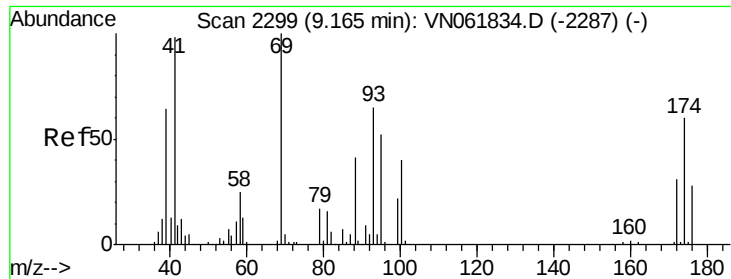
1000

500

0

Time--> 8.78 8.80 8.82

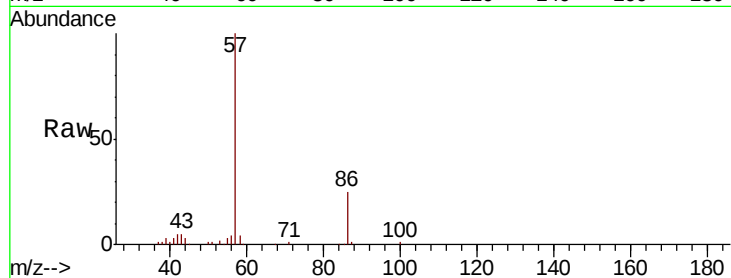




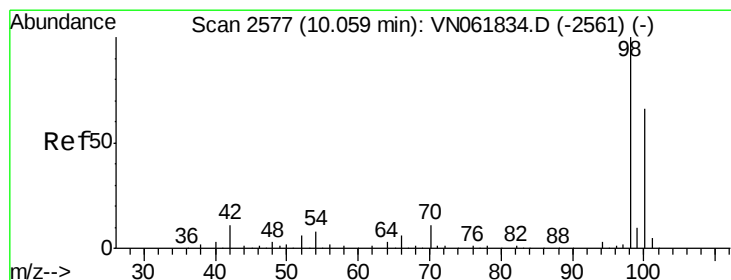
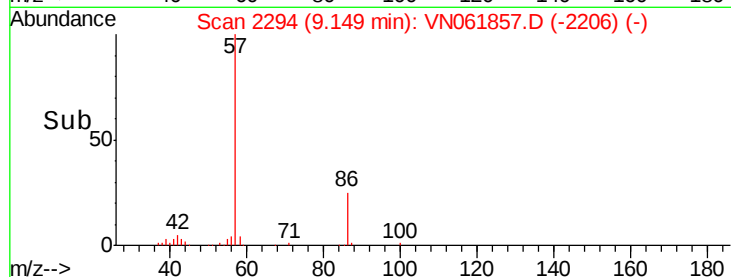
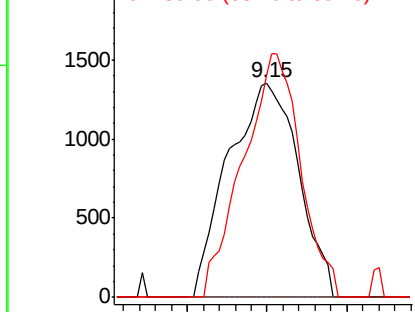
#48
Methyl methacrylate
Concen: 2.948 ug/l
RT: 9.15 min Scan# 2294
Delta R.T. -0.02 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Instrument :
MSVOA_N
ClientSampleId :
S49-0570

Tot Ion: 41 Resp: 4072
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.4#
39 93.6 55.1 82.7#

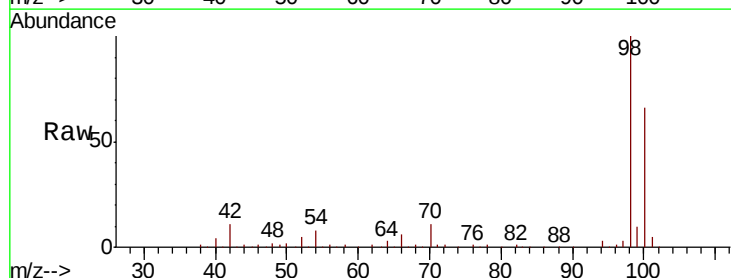


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

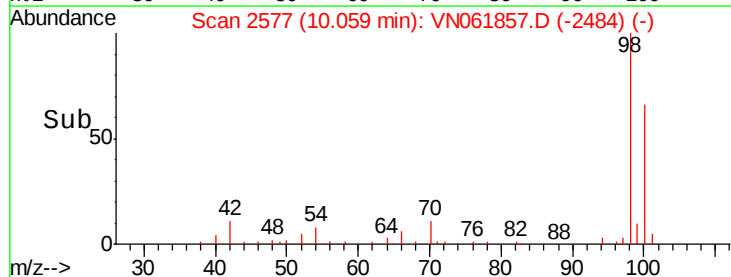
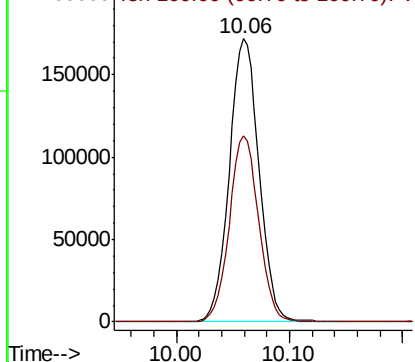


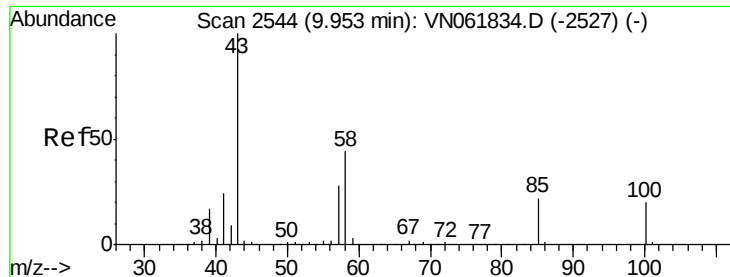
#50
Toluene-d8
Concen: 49.325 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 98 Resp: 313951
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



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: 1.035 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

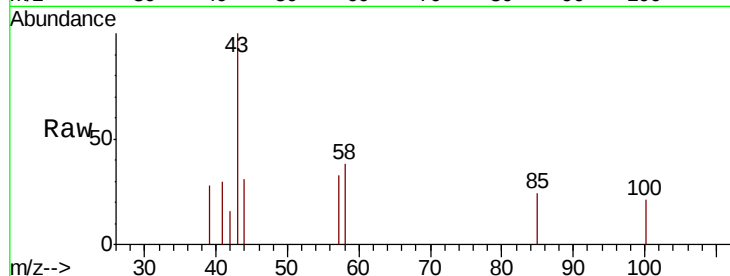
S49-0570

Tot Ion: 43 Resp: 1858

Ion Ratio Lower Upper

43 100

58 32.2 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

800

600

400

200

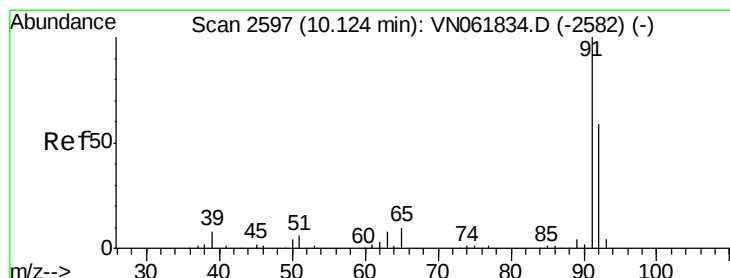
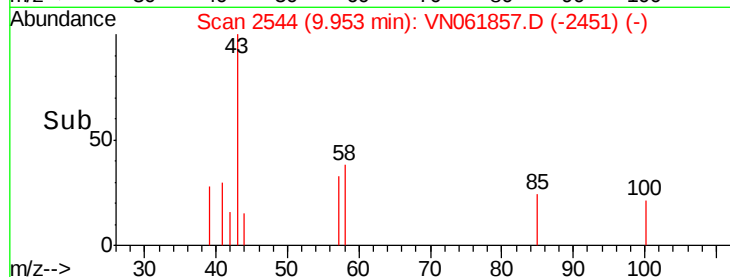
0

9.90

9.95

10.00

Time-->



#52

Toluene

Concen: 6.226 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061857.D

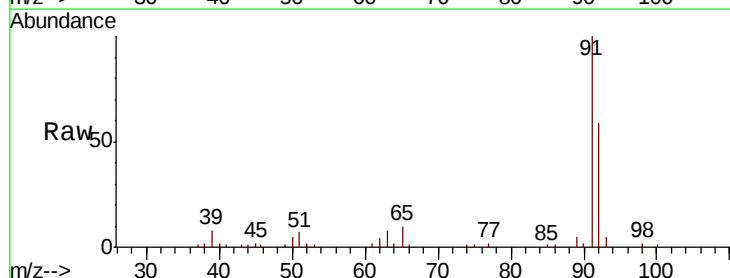
Acq: 17 Jun 2020 18:39

Tgt Ion: 92 Resp: 27342

Ion Ratio Lower Upper

92 100

91 175.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

30000

25000

20000

15000

10000

5000

0

10.05

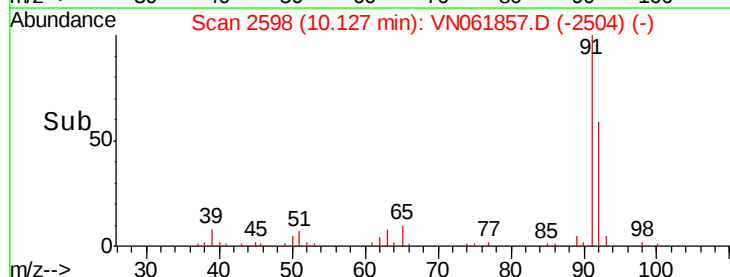
10.10

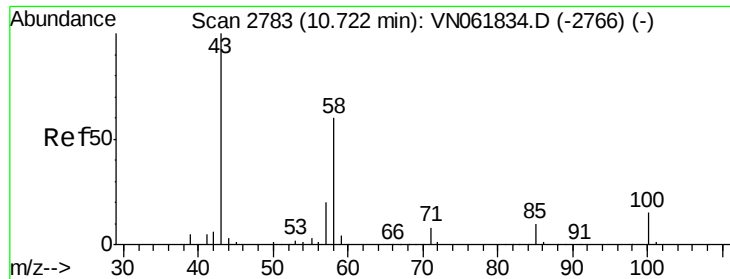
10.13

10.15

10.20

Time-->

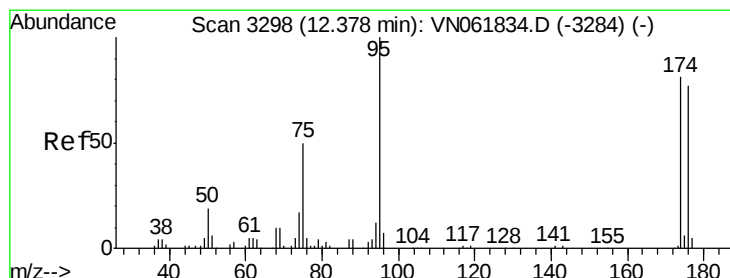
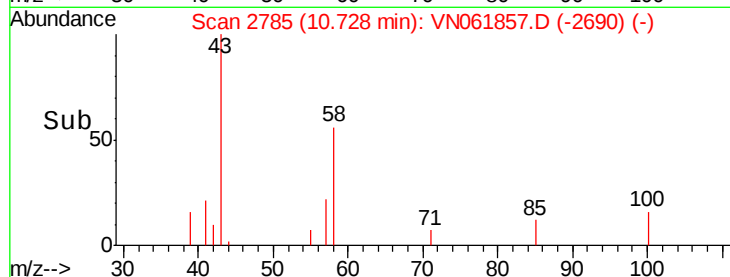
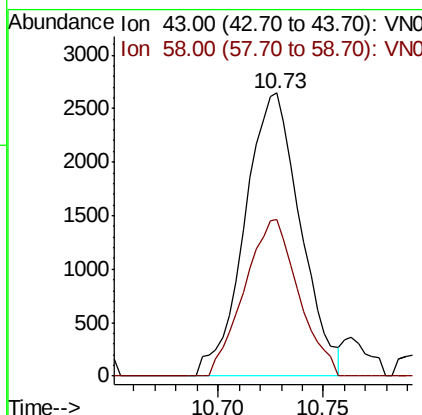
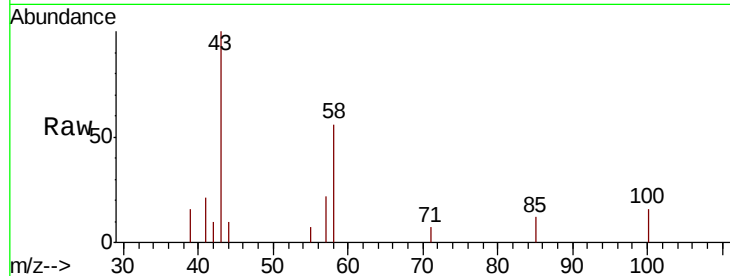




#59
2-Hexanone
Concen: 16.613 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

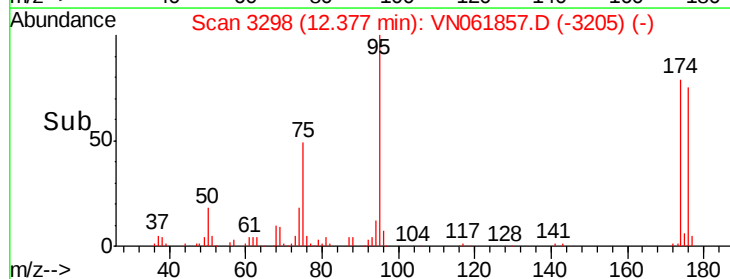
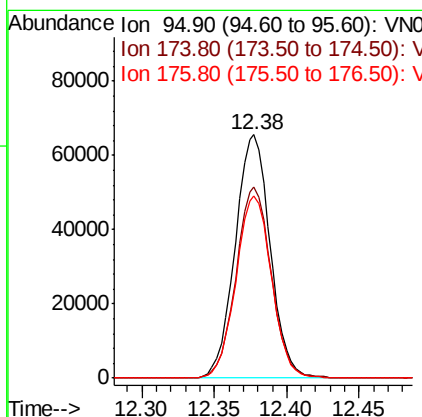
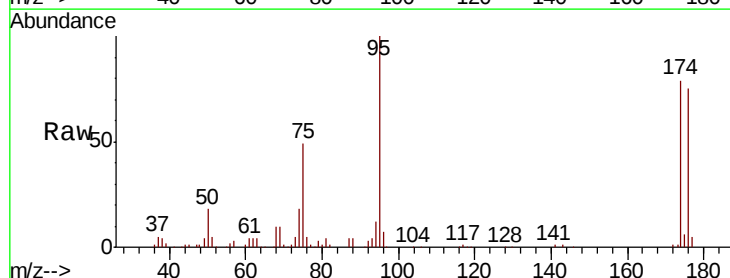
Instrument :
MSVOA_N
ClientSampled :
S49-0570

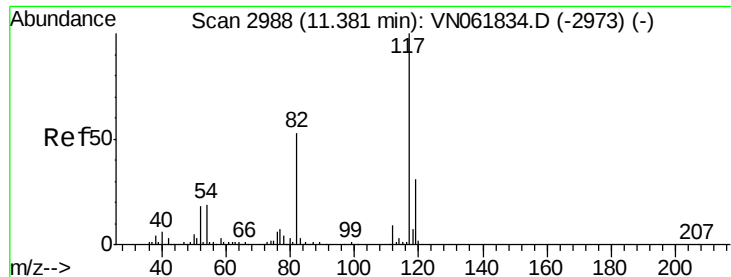
Tot Ion: 43 Resp: 4859
Ion Ratio Lower Upper
43 100
58 53.7 30.1 90.5



#62
4-Bromofluorobenzene
Concen: 50.329 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 95 Resp: 109884
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.6
176 76.0 0.0 152.0

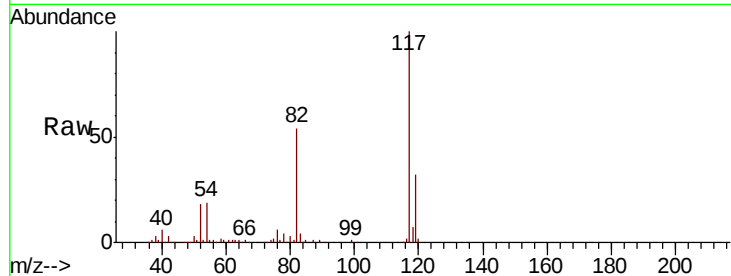




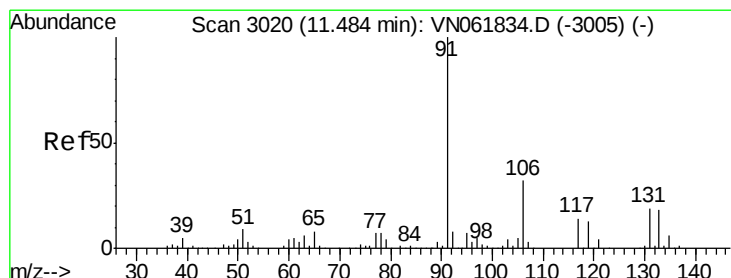
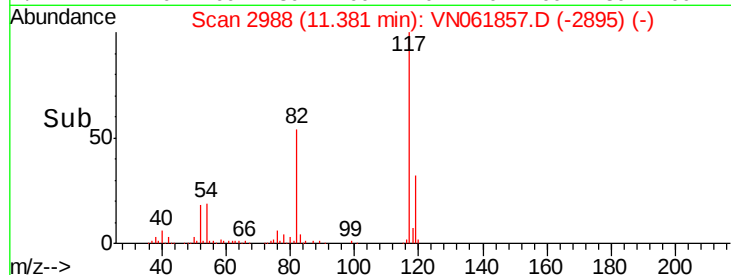
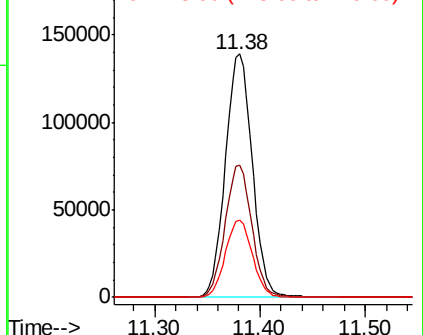
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Instrument :
MSVOA_N
ClientSampleId :
S49-0570

Tot Ion:117 Resp: 245966
Ion Ratio Lower Upper
117 100
82 54.2 42.6 64.0
119 31.6 24.7 37.1

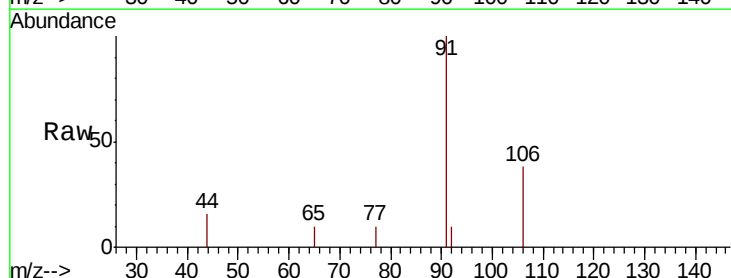


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

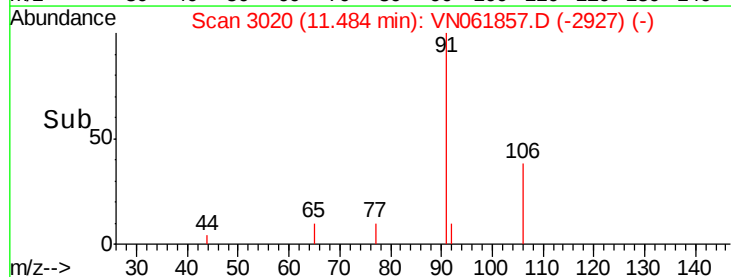
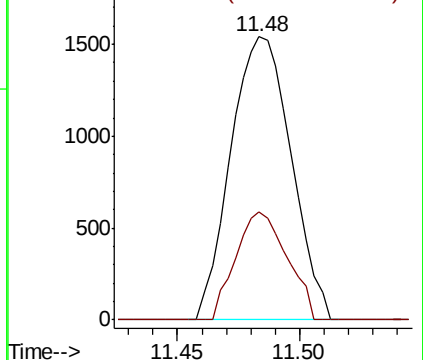


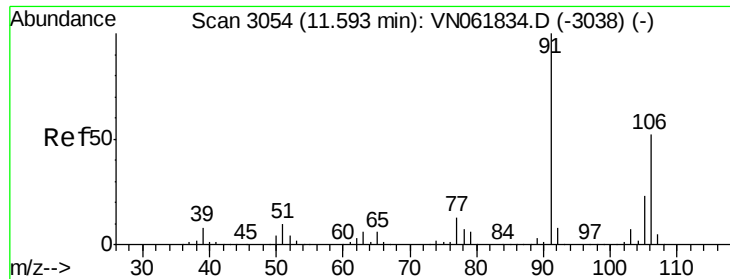
#67
Ethyl Benzene
Concen: 0.304 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion: 91 Resp: 2645
Ion Ratio Lower Upper
91 100
106 38.1 25.4 38.2



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

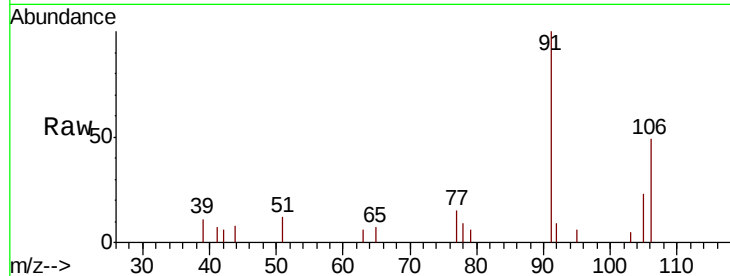




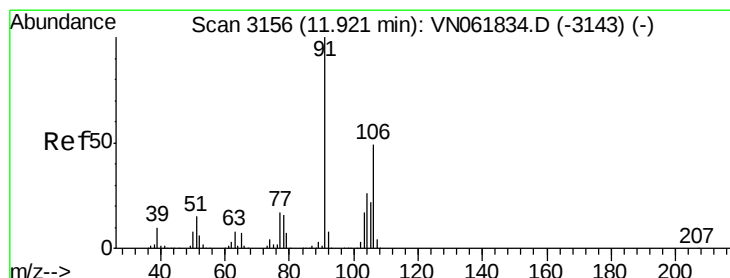
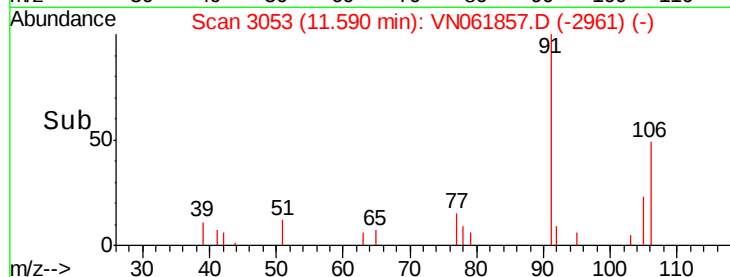
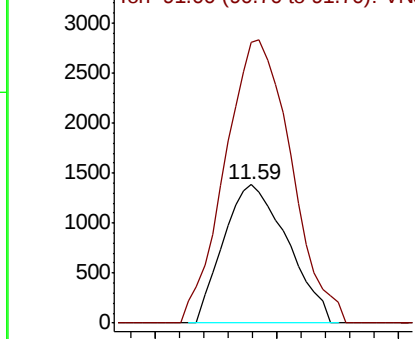
#68
m/p-Xylenes
Concen: 0.755 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Instrument :
MSVOA_N
ClientSampled :
S49-0570

Tot Ion:106 Resp: 2534
Ion Ratio Lower Upper
106 100
91 210.8 157.0 235.6

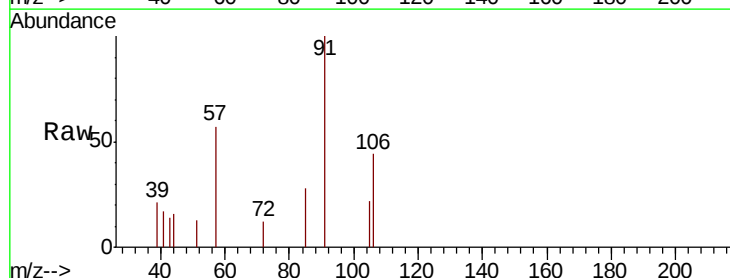


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

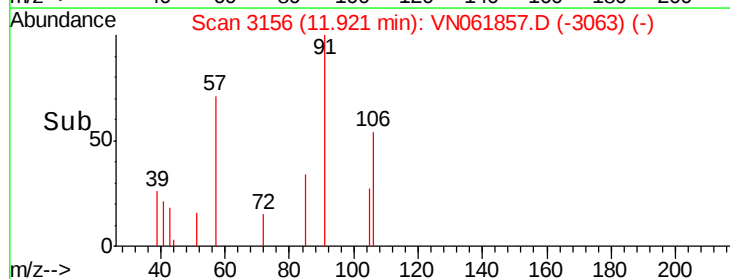
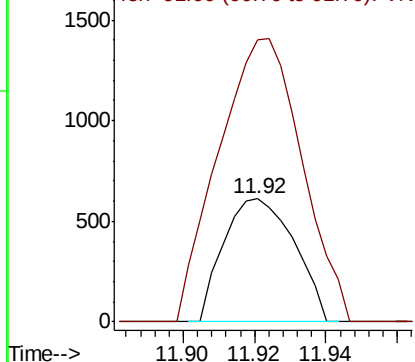


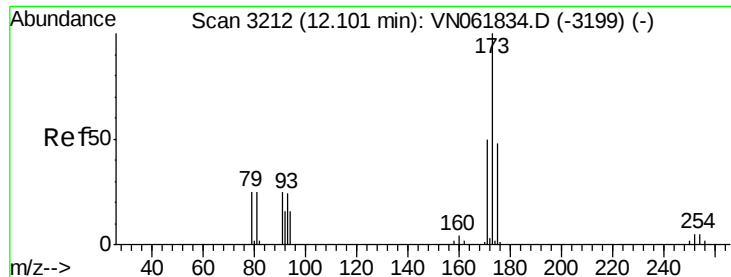
#69
o-Xylene
Concen: 0.261 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Tgt Ion:106 Resp: 836
Ion Ratio Lower Upper
106 100
91 271.8 103.0 308.9



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





#71

Bromoform

Concen: 0.454 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

S49-0570

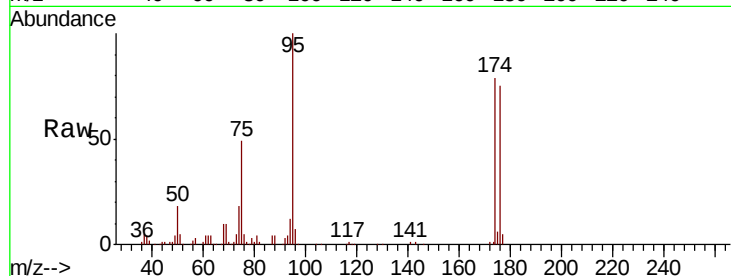
Tot Ion:173 Resp: 599

Ion Ratio Lower Upper

173 100

175 950.8 23.9 71.7#

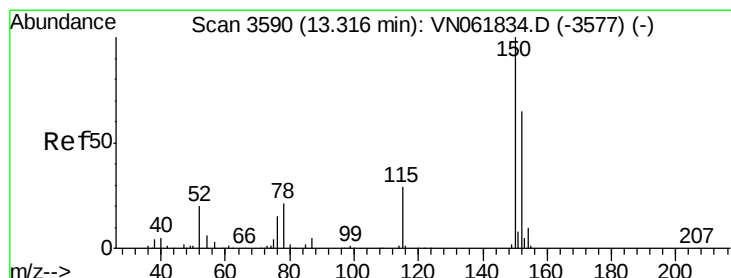
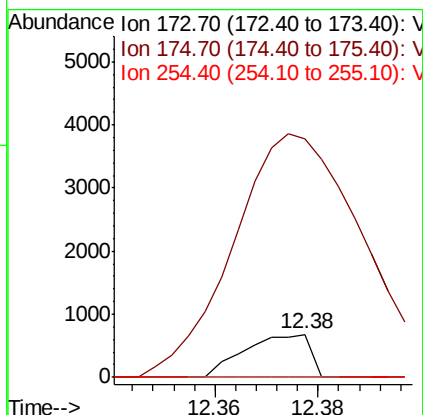
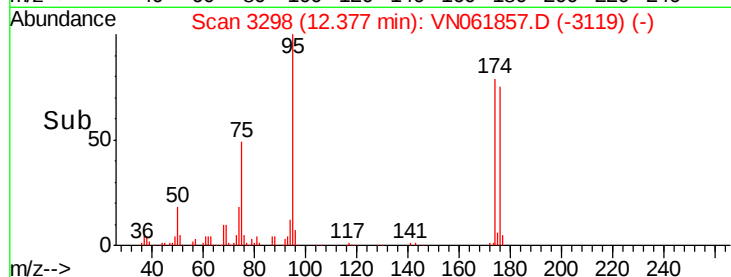
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

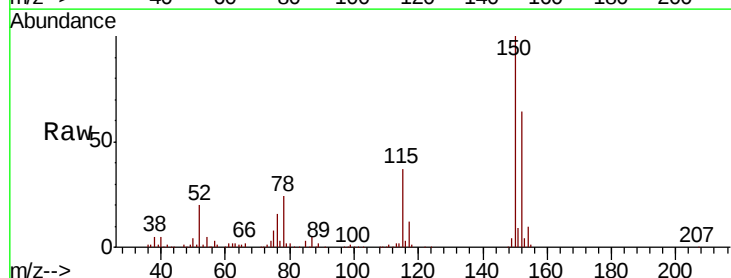
Tgt Ion:152 Resp: 106956

Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.3

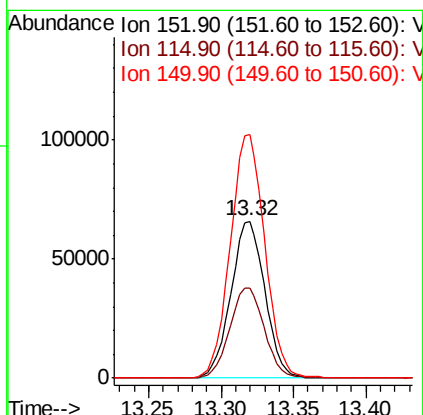
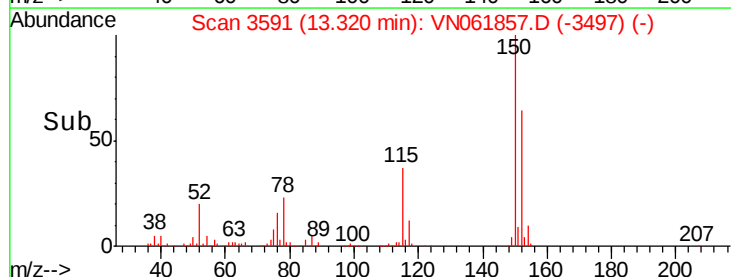
150 157.8 0.0 347.6

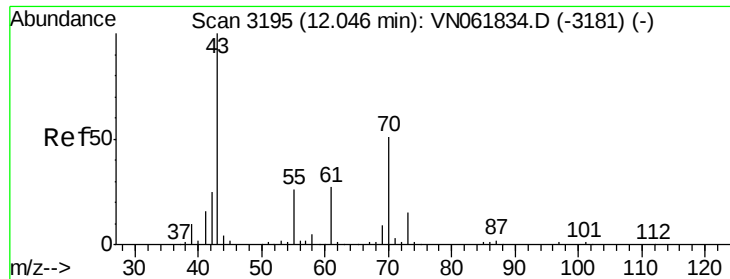


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 7.388 ug/l

RT: 12.00 min Scan# 3181

Delta R.T. -0.04 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0570

Tot Ion: 43 Resp: 12678

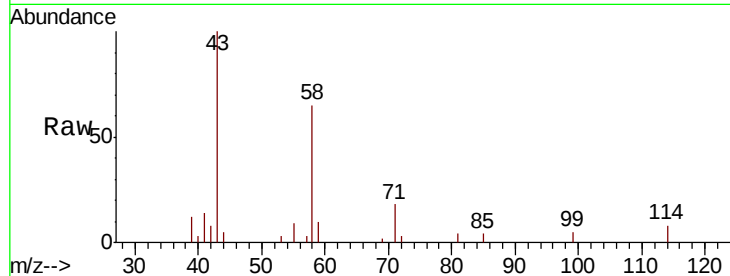
Ion Ratio Lower Upper

43 100

70 0.0 40.6 60.8#

55 11.8 21.5 32.3#

61 0.0 21.6 32.4#

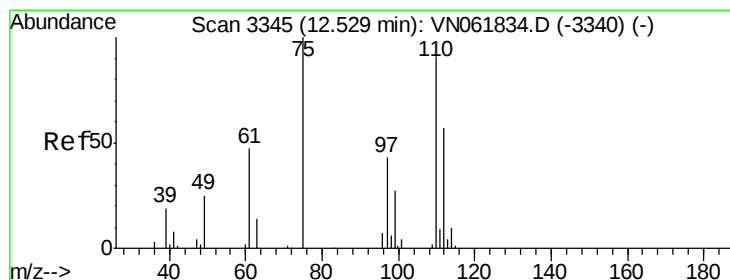
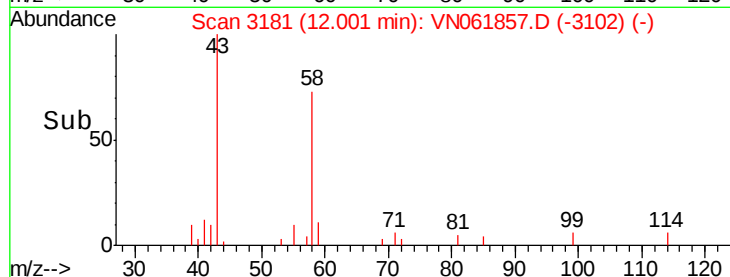
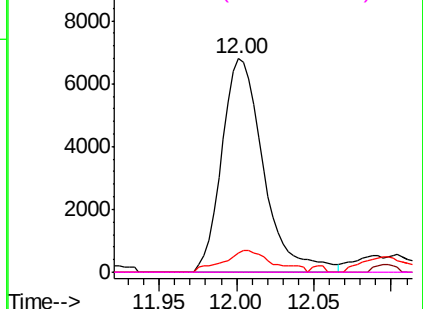


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 26.071 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061857.D

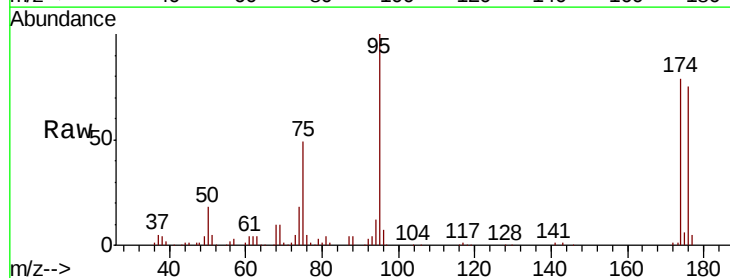
Acq: 17 Jun 2020 18:39

Tgt Ion: 75 Resp: 54744

Ion Ratio Lower Upper

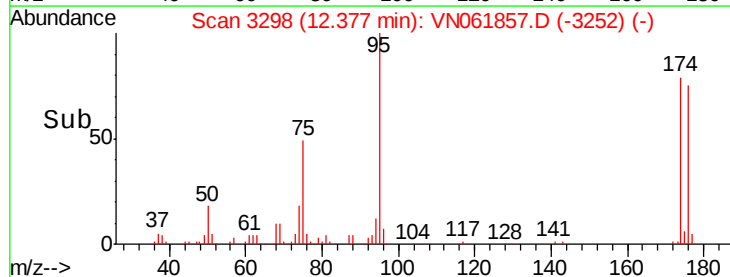
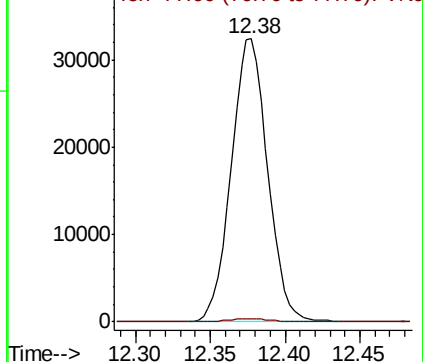
75 100

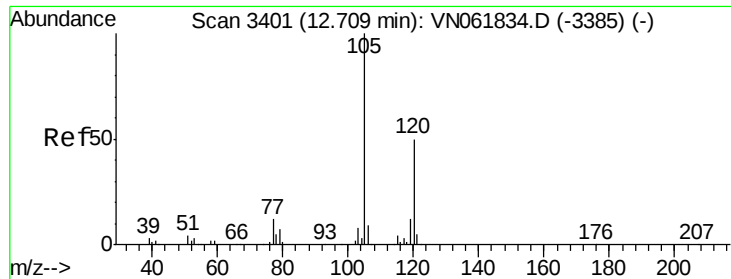
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.242 ug/l

RT: 12.71 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampled :

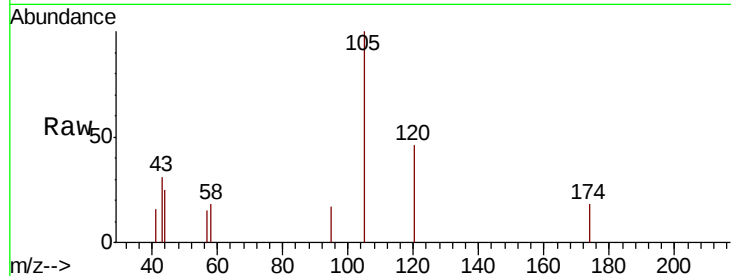
S49-0570

Tot Ion:105 Resp: 1522

Ion Ratio Lower Upper

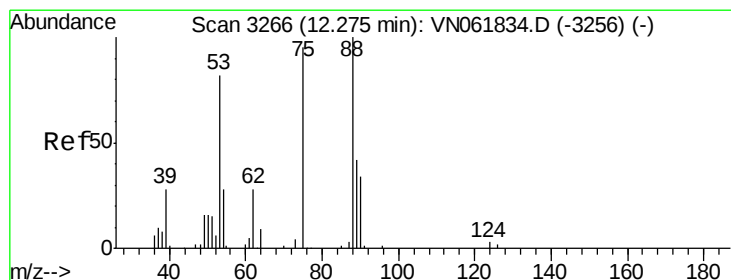
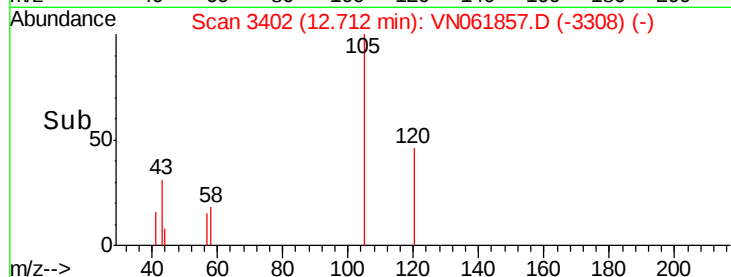
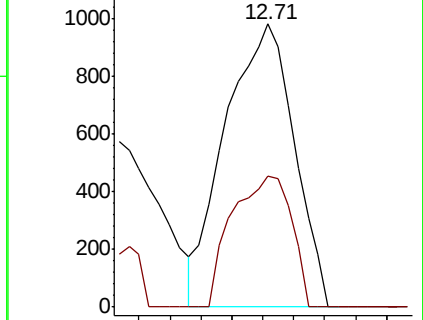
105 100

120 39.9 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 71.106 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

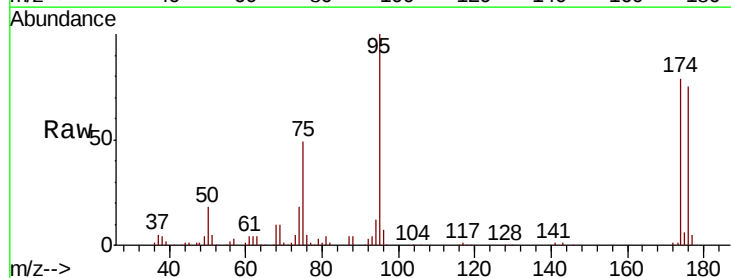
Tgt Ion: 75 Resp: 54744

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

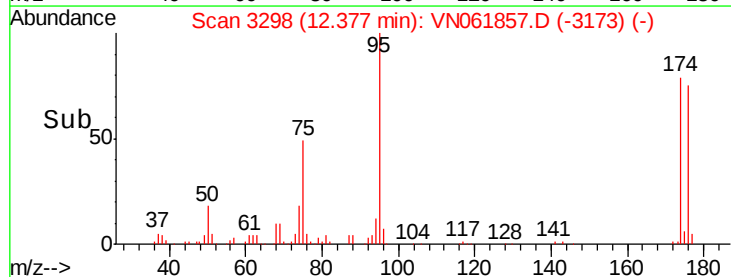
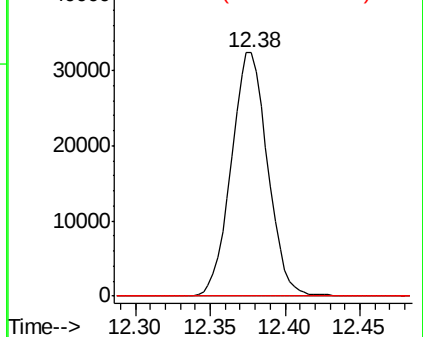
89 0.0 36.0 54.0#

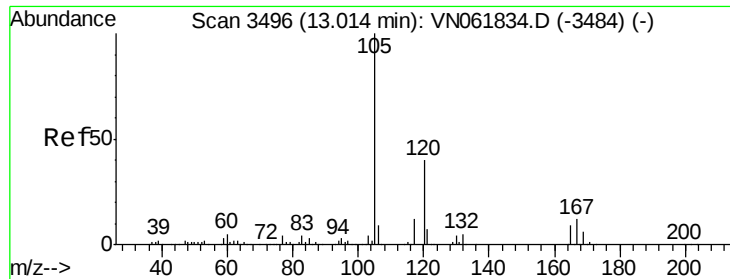


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#84

1,2,4-Trimethylbenzene

Concen: 0.787 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN061857.D

Acq: 17 Jun 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

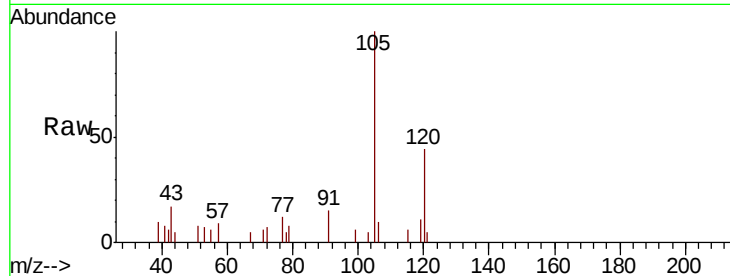
S49-0570

Tot Ion:105 Resp: 4887

Ion Ratio Lower Upper

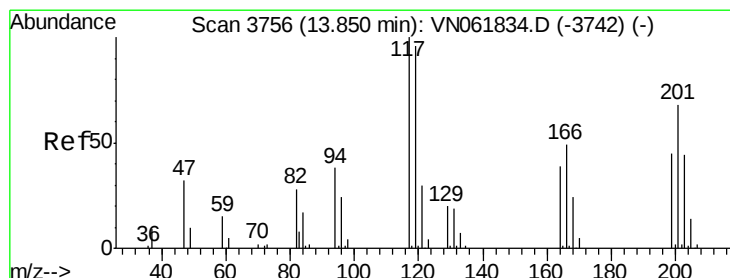
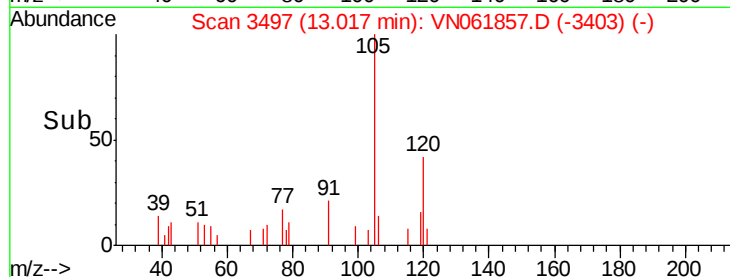
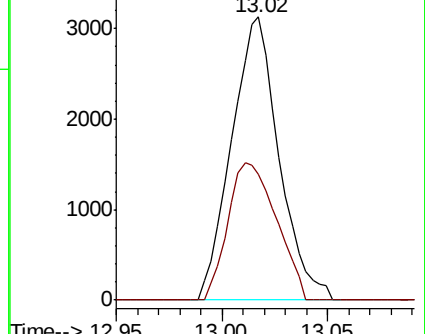
105 100

120 49.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.329 ug/l

RT: 13.97 min Scan# 3794

Delta R.T. 0.12 min

Lab File: VN061857.D

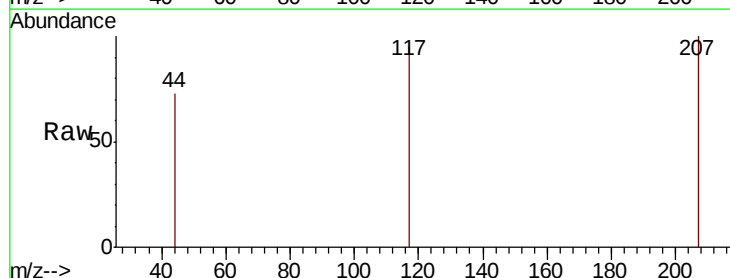
Acq: 17 Jun 2020 18:39

Tgt Ion:117 Resp: 374

Ion Ratio Lower Upper

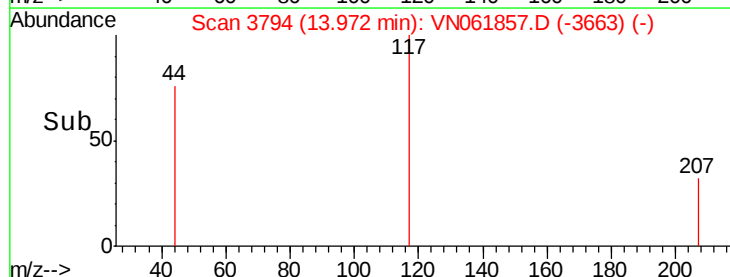
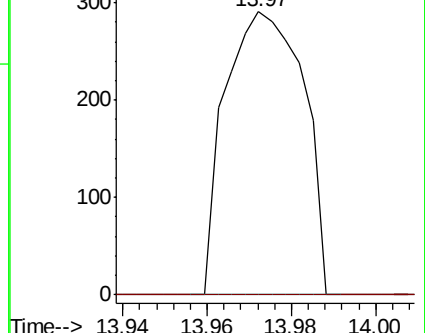
117 100

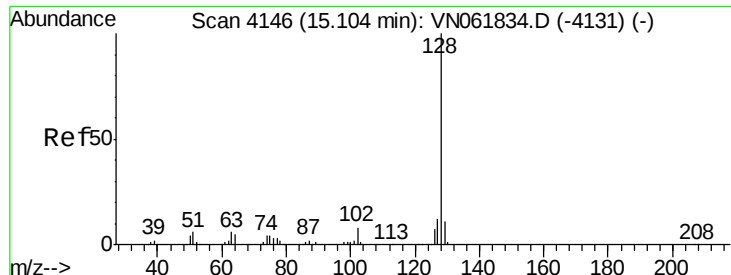
201 0.0 34.6 103.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95
Naphthalene
Concen: 3.682 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061857.D
Acq: 17 Jun 2020 18:39

Instrument :
MSVOA_N
ClientSampleId :
S49-0570

Tot Ion:128 Resp: 1136
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

