

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061620.D
 Acq On : 2 Jun 2020 14:58
 Operator : JC/MD
 Sample : L2800-02DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:48:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	365943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	608562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	594154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	282298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	193828	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
35) Dibromofluoromethane	7.55	113	168223	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
50) Toluene-d8	10.06	98	713080	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.37	95	277114	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	916	0.205	ug/l	96
4) Vinyl Chloride	2.16	62	291676	47.688	ug/l	99
6) Chloroethane	2.67	64	906	0.230	ug/l #	43
11) Tert butyl alcohol	4.74	59	210	0.362	ug/l #	72
12) 1,1-Dichloroethene	3.70	96	1537	0.411	ug/l #	66
16) Acetone	3.78	43	3136	Below Cal		98
18) Methyl Acetate	4.28	43	1044	0.265	ug/l #	57
20) Methylene Chloride	4.50	84	402	Below Cal	#	76
21) trans-1,2-Dichloroethene	4.99	96	6714	1.592	ug/l	94
24) 1,1-Dichloroethane	5.80	63	15016	2.198	ug/l	98
25) 2-Butanone	6.78	43	784	0.379	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	153822	32.213	ug/l	89
29) Tetrahydrofuran	7.17	42	1151	0.845	ug/l #	79
31) Cyclohexane	7.63	56	6180	1.006	ug/l #	25
36) 1,1-Dichloropropene	7.63	75	24669	4.579	ug/l #	48
38) Carbon Tetrachloride	7.63	117	32971	6.345	ug/l #	16
40) Benzene	8.00	78	31447	1.892	ug/l	99
41) Methacrylonitrile	7.18	41	925	0.465	ug/l #	22
42) 1,2-Dichloroethane	8.08	62	6302	1.132	ug/l	88
44) Trichloroethene	8.80	130	5362	1.050	ug/l	93
49) 1,4-Dioxane	9.16	88	93	1.709	ug/l #	1
52) Toluene	10.13	92	5853	0.539	ug/l	99
59) 2-Hexanone	10.73	43	2436	0.771	ug/l	72
65) Chlorobenzene	11.41	112	581812	47.109	ug/l	98
68) m/p-Xylenes	11.59	106	1991	0.235	ug/l #	71
71) Bromoform	12.38	173	2207	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	132373	25.787	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	132373	65.945	ug/l #	16
87) 1,3-Dichlorobenzene	13.26	146	2862	0.307	ug/l	93
88) 1,4-Dichlorobenzene	13.26	146	2862	0.302	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	9669	1.086	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	236	0.200	ug/l #	1
95) Naphthalene	15.11	128	11740	0.741	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

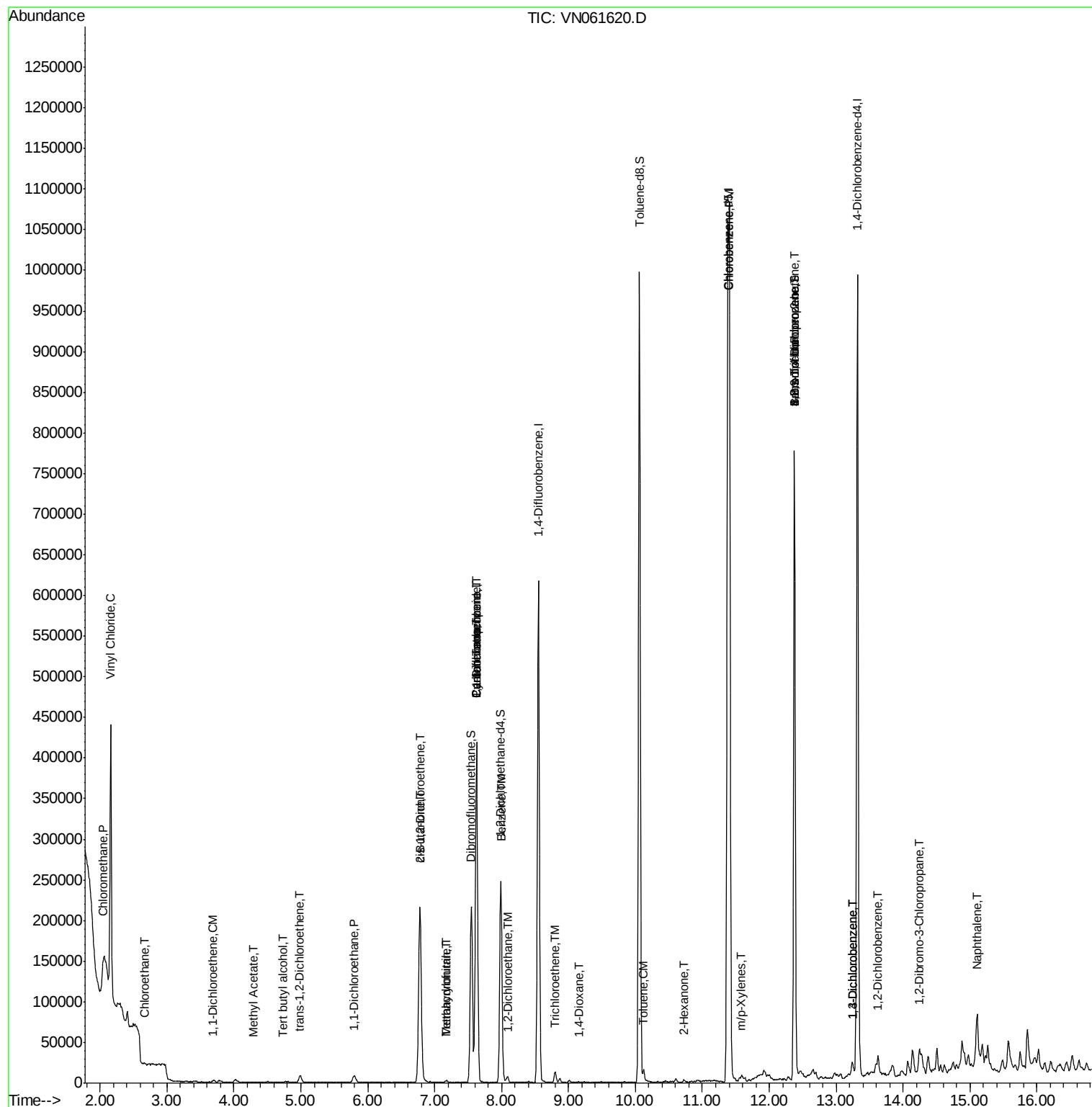
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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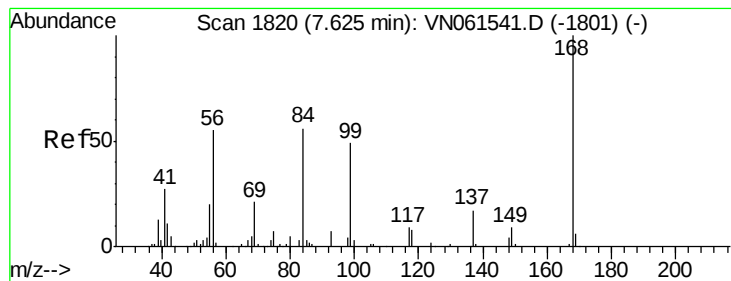
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

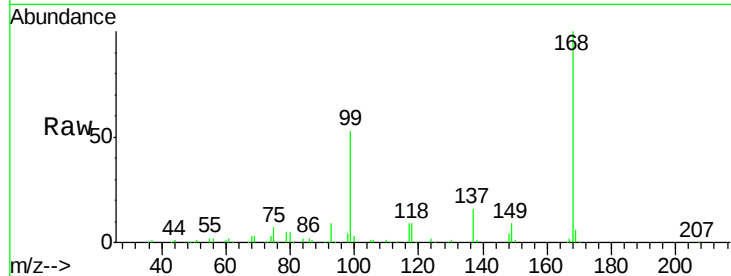
ClientSampleId :

Tot Ion:168 Resp: 365943

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

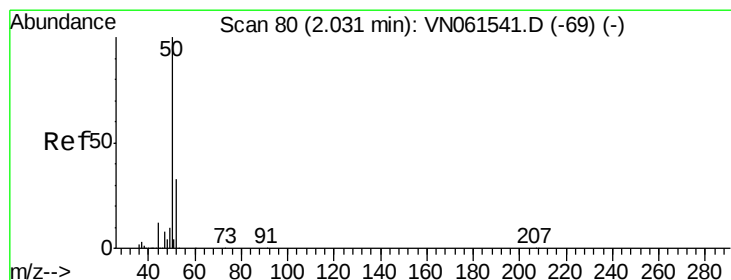
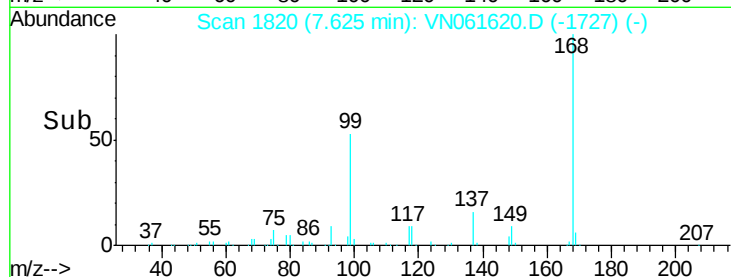
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.205 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061620.D

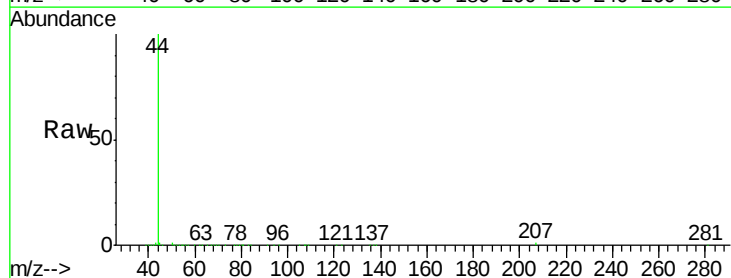
Acq: 2 Jun 2020 14:58

Tgt Ion: 50 Resp: 916

Ion Ratio Lower Upper

50 100

52 35.8 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

800

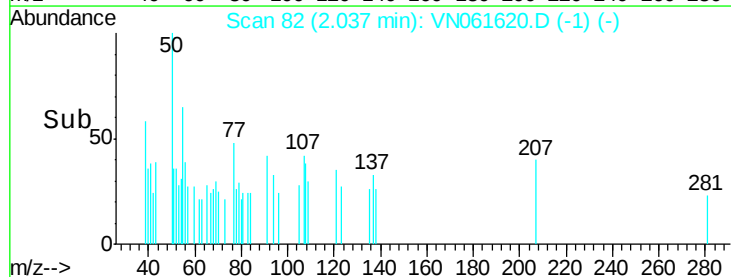
600

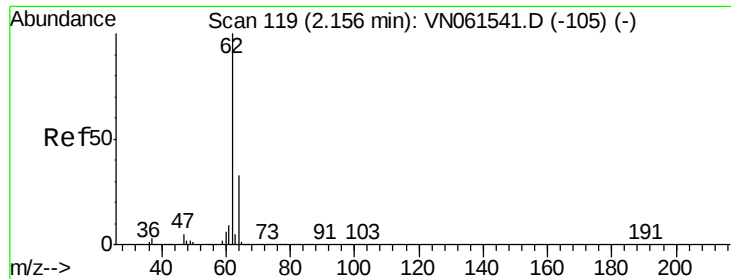
400

200

0

Time--> 2.00 2.02 2.04 2.06





#4

Vinyl Chloride

Concen: 47.688 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

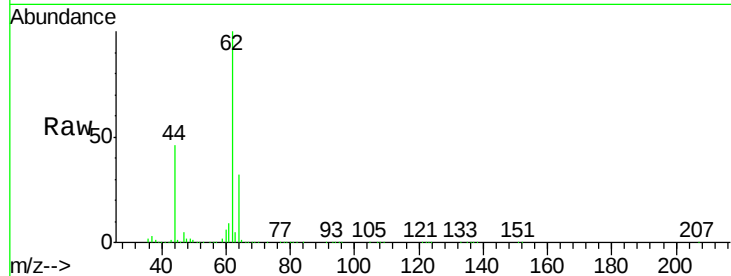
ClientSampleId :

Tot Ion: 62 Resp: 291676

Ion Ratio Lower Upper

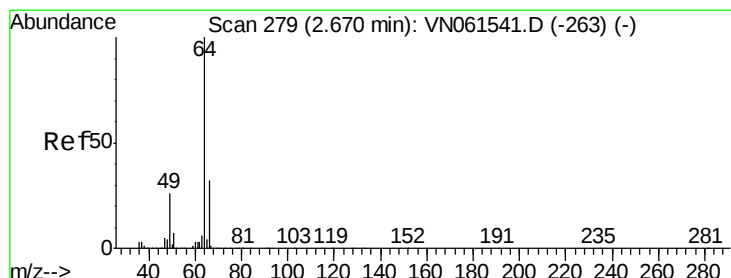
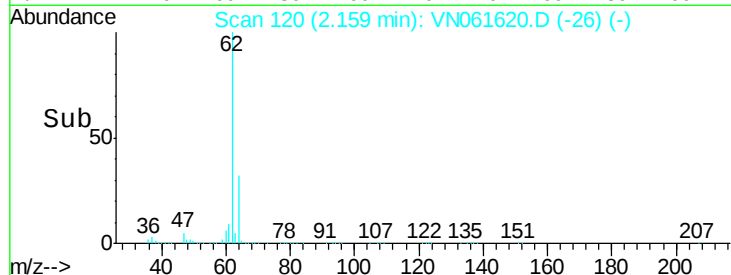
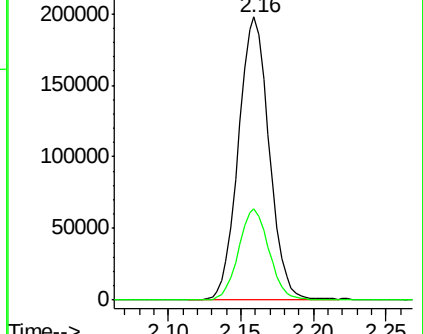
62 100

64 32.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#6

Chloroethane

Concen: 0.230 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061620.D

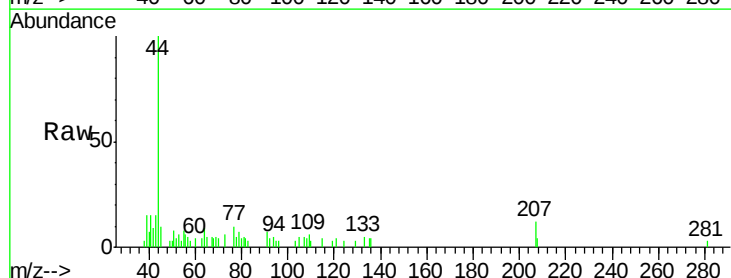
Acq: 2 Jun 2020 14:58

Tgt Ion: 64 Resp: 906

Ion Ratio Lower Upper

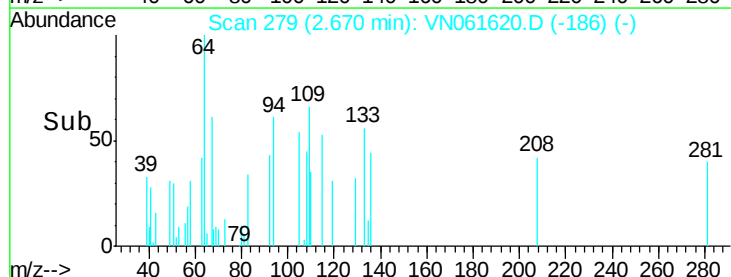
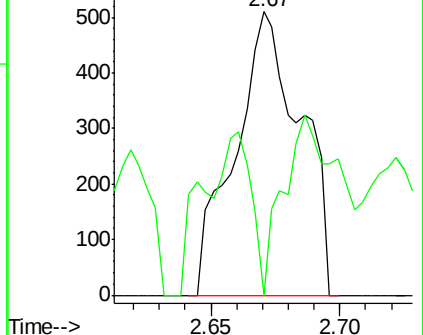
64 100

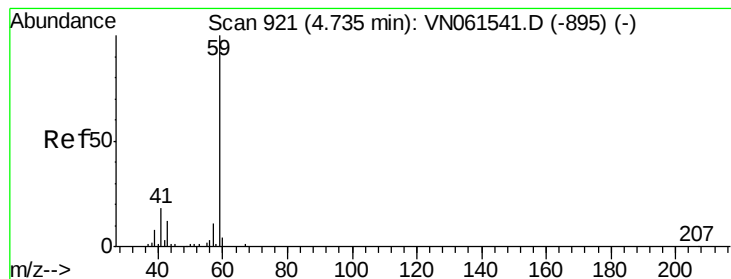
66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



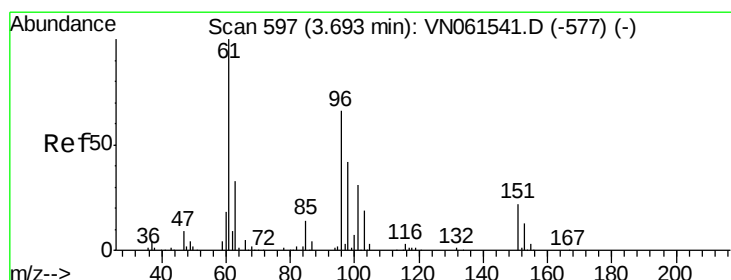
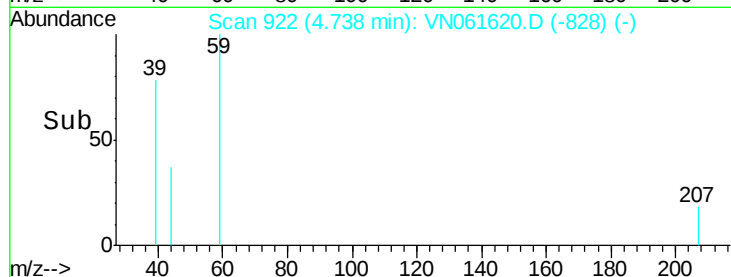
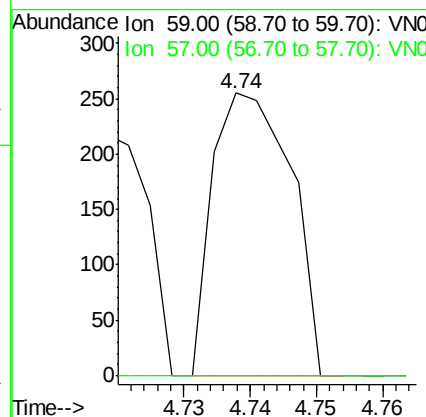
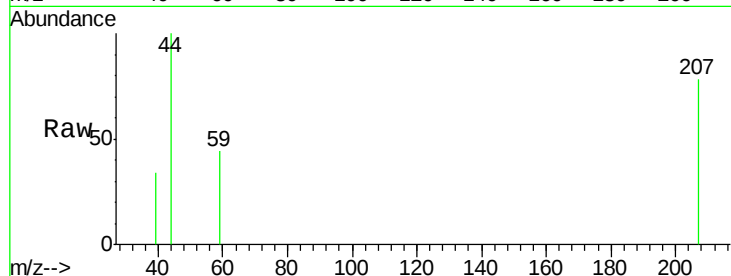


#11

Tert butyl alcohol
Concen: 0.362 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061620.D
Acq: 2 Jun 2020 14:58

Instrument :
MSVOA_N
ClientSampled :

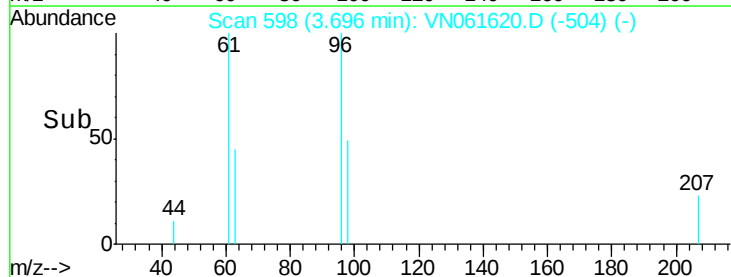
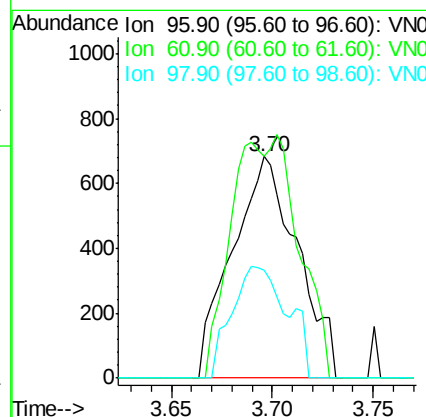
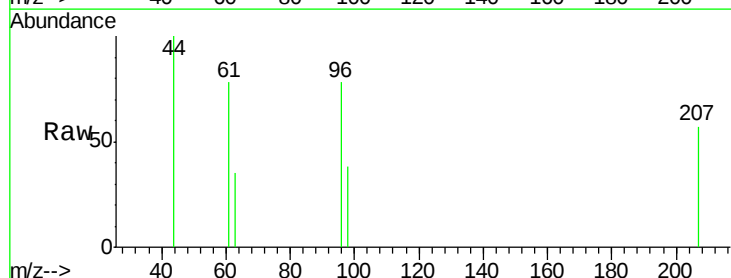
Tot Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

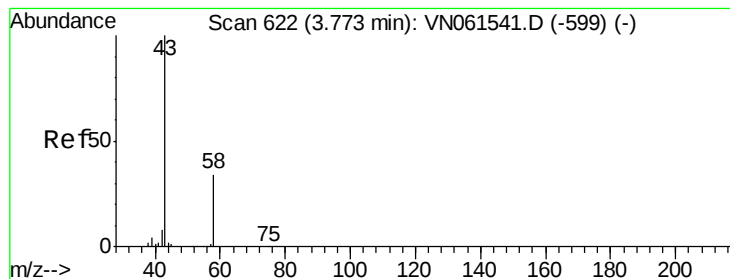


#12

1,1-Dichloroethene
Concen: 0.411 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061620.D
Acq: 2 Jun 2020 14:58

Tgt Ion: 96 Resp: 1537
Ion Ratio Lower Upper
96 100
61 100.0 120.5 180.7#
98 48.5 50.8 76.2#





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

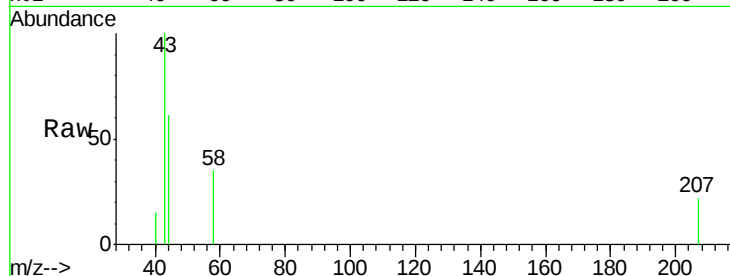
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3136

Ion Ratio Lower Upper

43 100

58 35.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061620.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061620.D (-529) (-)

Time-->

3.70 3.75 3.80 3.85

1500

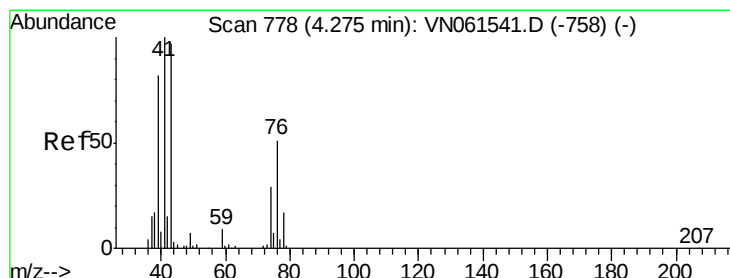
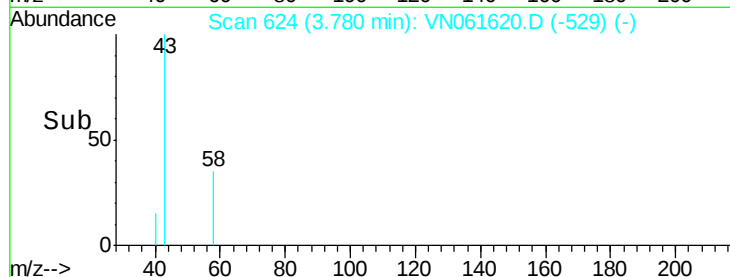
1000

500

0

3.78

3.70 3.75 3.80 3.85



#18

Methyl Acetate

Concen: 0.265 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN061620.D

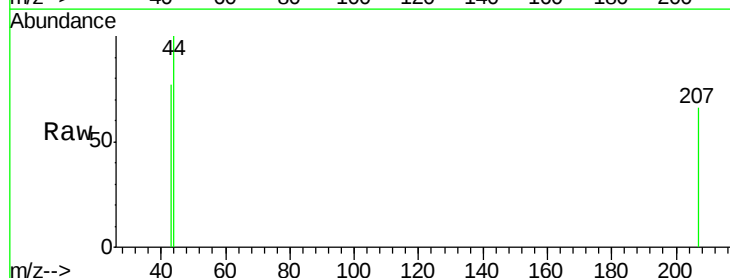
Acq: 2 Jun 2020 14:58

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

74 6.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061620.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061620.D (-685) (-)

Time-->

4.25 4.30

400

300

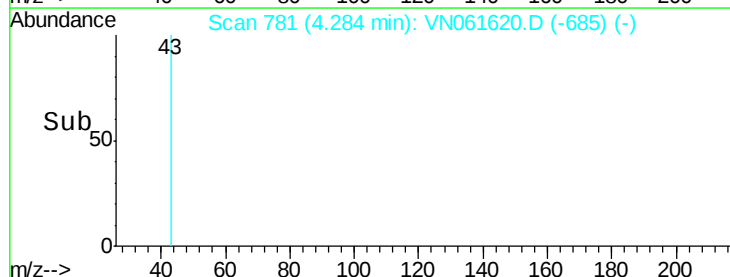
200

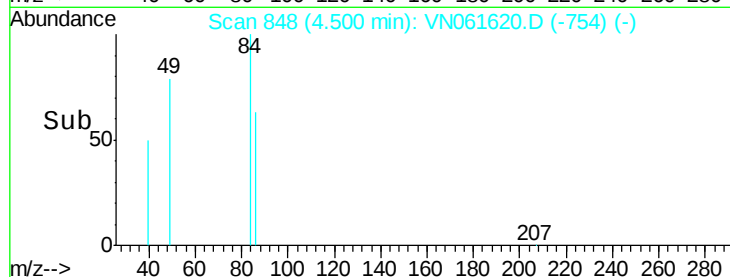
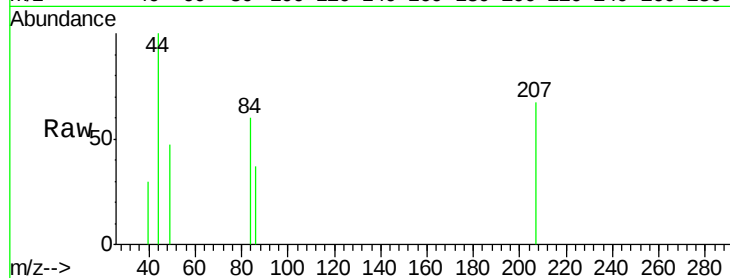
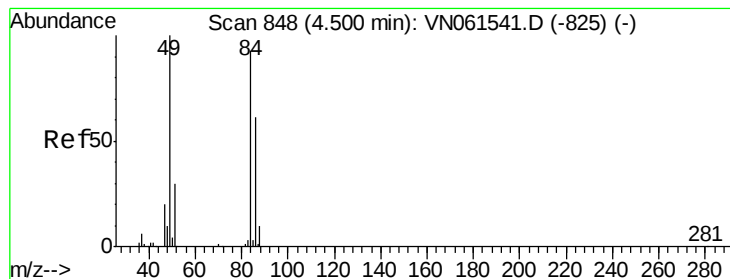
100

0

4.28

4.25 4.30





#20

Methylene Chloride

Concen: Below Cal

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN061620.D

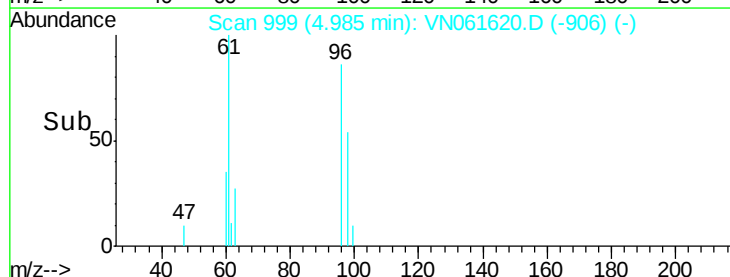
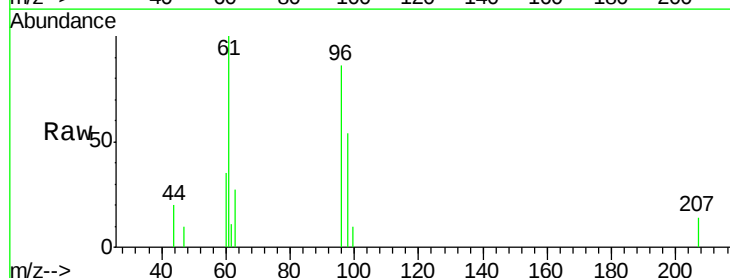
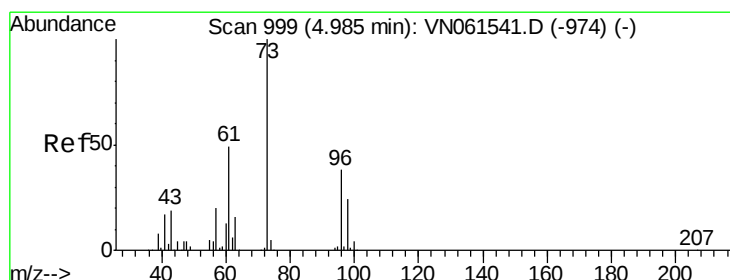
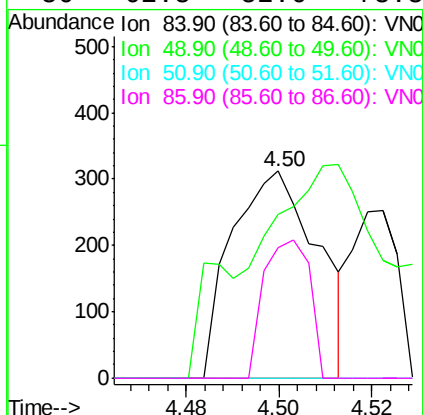
Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	84	Resp:	402
Ion	Ratio	Lower	Upper
84	100		
49	79.2	85.8	128.8#
51	0.0	26.2	39.2#
86	62.8	52.6	78.8



#21

trans-1,2-Dichloroethene

Concen: 1.592 ug/l

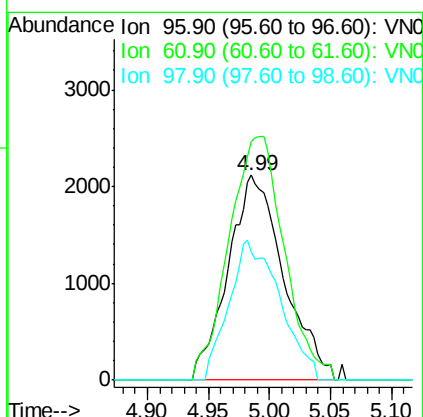
RT: 4.99 min Scan# 999

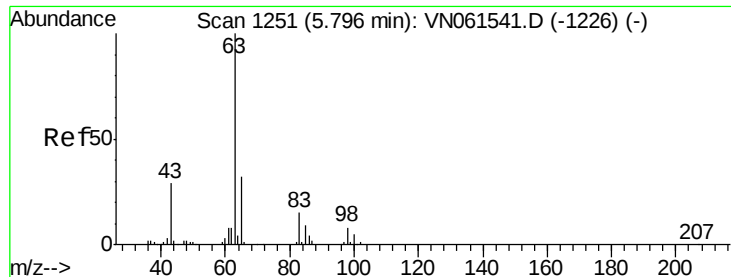
Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Tgt Ion:	96	Resp:	6714
Ion	Ratio	Lower	Upper
96	100		
61	116.3	101.4	152.0
98	62.7	50.6	76.0





#24

1,1-Dichloroethane

Concen: 2.198 ug/l

RT: 5.80 min Scan# 1253

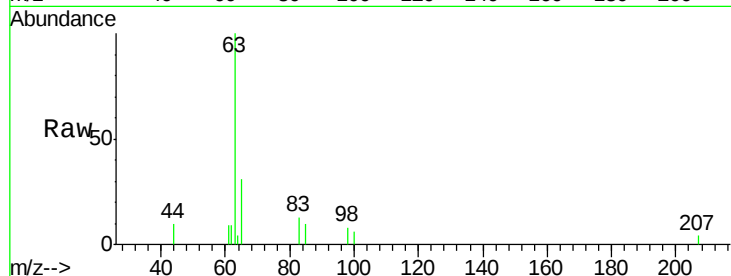
Delta R.T. 0.01 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	63	Resp:	15016
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.8	11.4
100	5.8	2.5	7.6

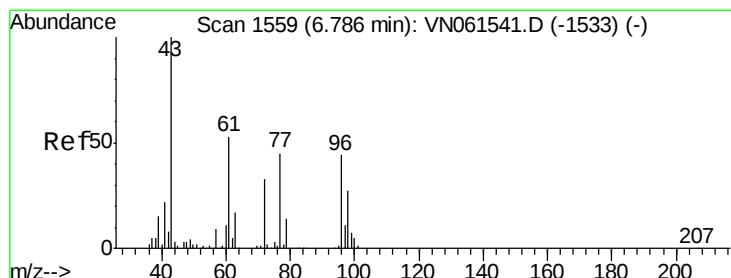
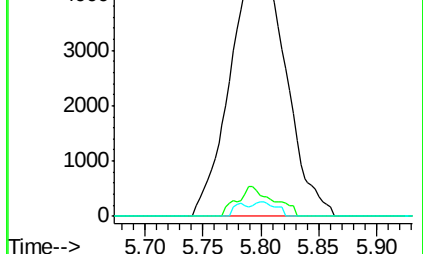
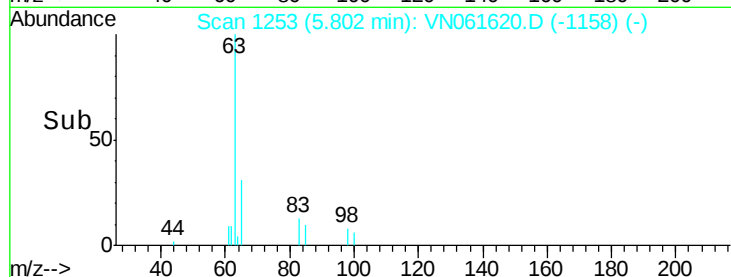


Abundance Ion 62.90 (62.60 to 63.60): VN061620.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061620.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061620.D (-1158) (-)

Time-->



#25

2-Butanone

Concen: 0.379 ug/l

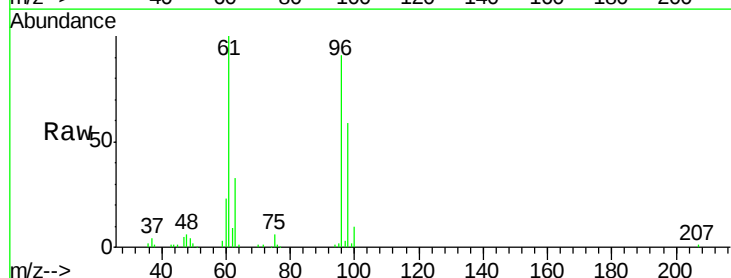
RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

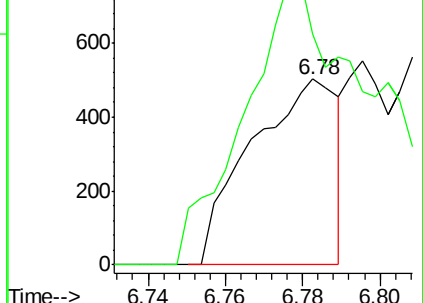
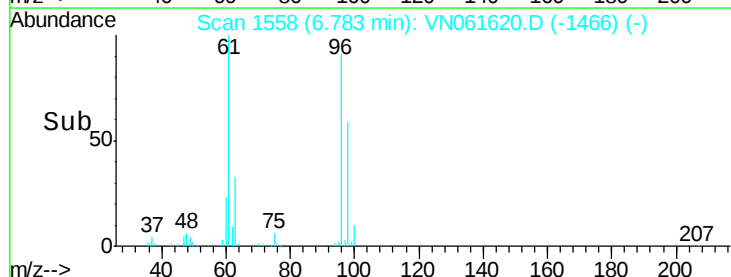
Tgt Ion:	43	Resp:	784
Ion	Ratio	Lower	Upper
43	100		
72	93.4	26.0	39.0#

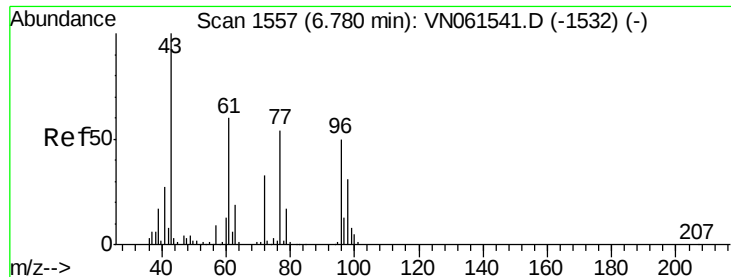


Abundance Ion 43.00 (42.70 to 43.70): VN061620.D (-1466) (-)

Ion 72.00 (71.70 to 72.70): VN061620.D (-1466) (-)

Time-->





#27

cis-1,2-Dichloroethene

Concen: 32.213 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

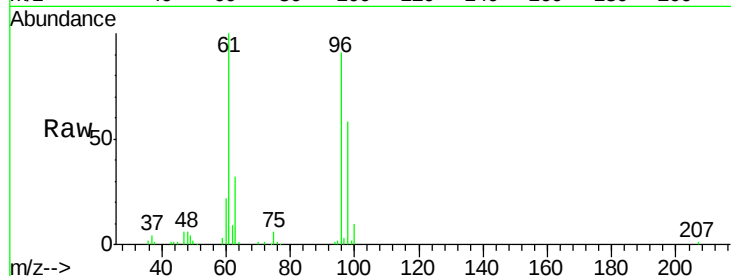
Tot Ion: 96 Resp: 153822

Ion Ratio Lower Upper

96 100

61 107.8 0.0 252.2

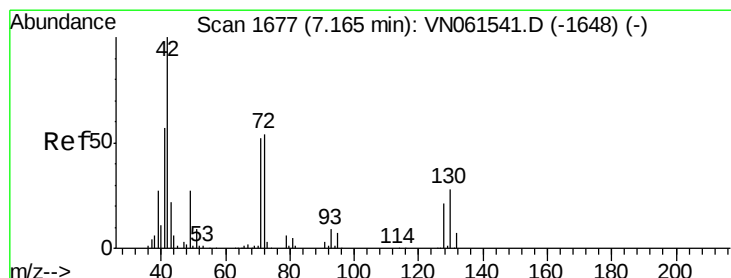
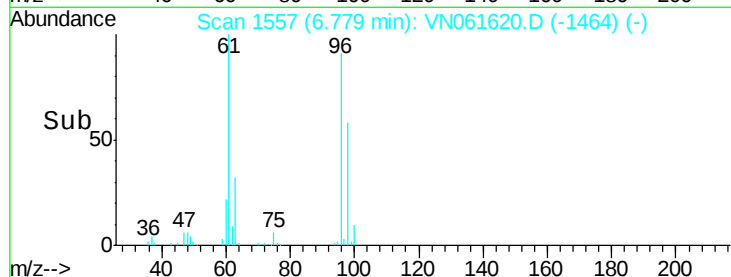
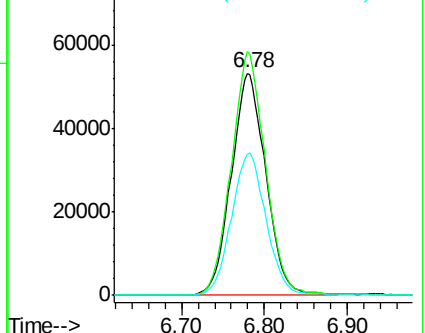
98 64.3 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061620.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061620.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061620.D (-1464) (-)



#29

Tetrahydrofuran

Concen: 0.845 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

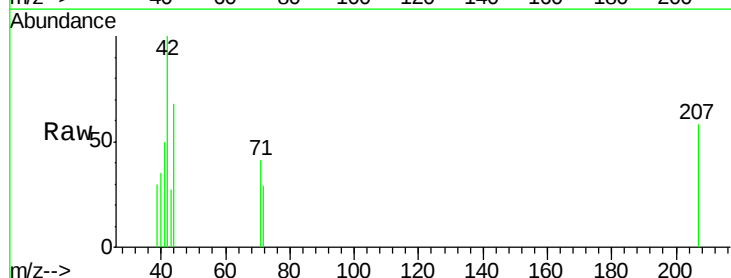
Tgt Ion: 42 Resp: 1151

Ion Ratio Lower Upper

42 100

72 38.9 43.6 65.4#

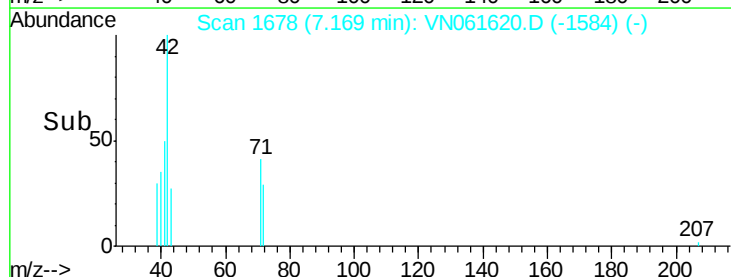
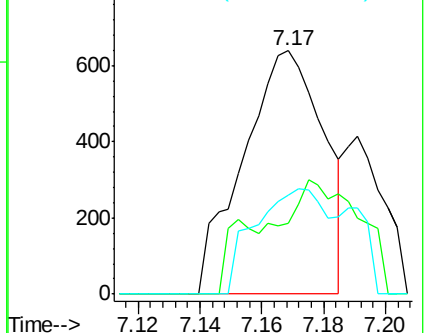
71 37.4 41.2 61.8#

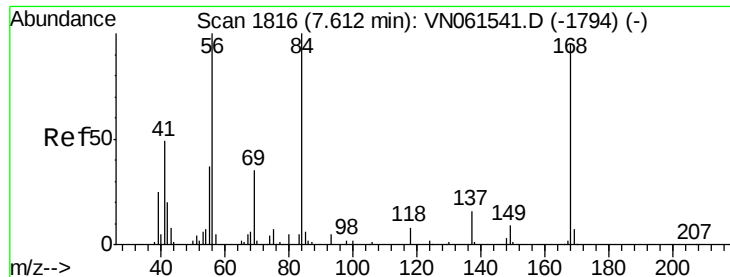


Abundance Ion 42.00 (41.70 to 42.70): VN061620.D (-1584) (-)

Ion 72.00 (71.70 to 72.70): VN061620.D (-1584) (-)

Ion 71.00 (70.70 to 71.70): VN061620.D (-1584) (-)





#31

Cyclohexane

Concen: 1.006 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

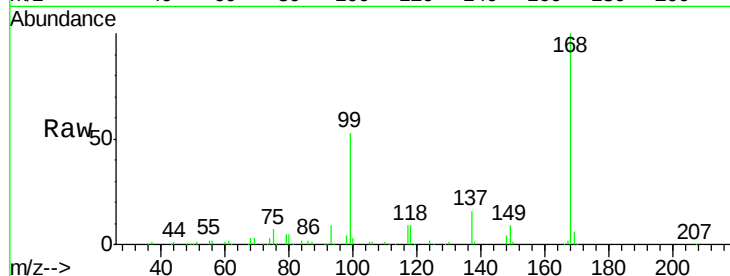
Tot Ion: 56 Resp: 6180

Ion Ratio Lower Upper

56 100

69 157.3 27.8 41.8#

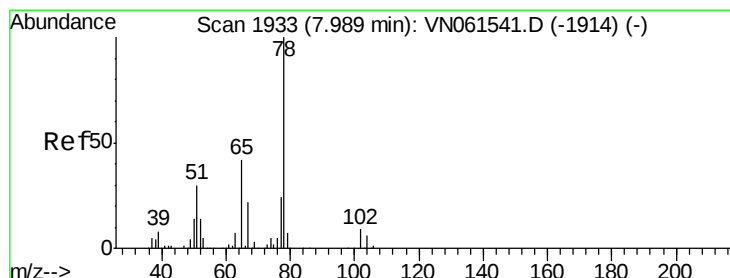
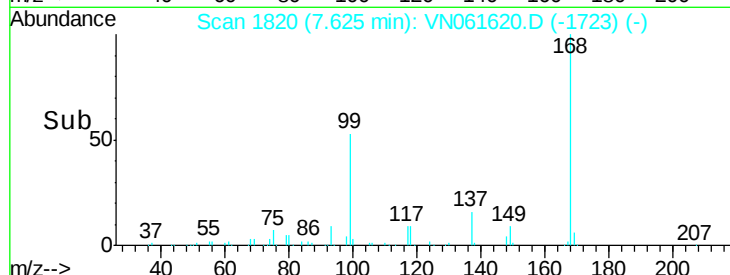
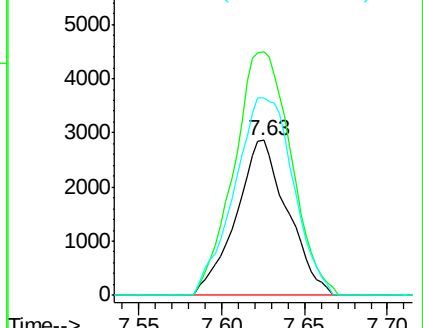
84 128.0 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.456 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061620.D

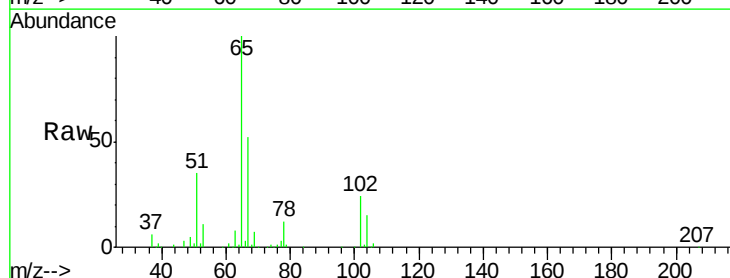
Acq: 2 Jun 2020 14:58

Tgt Ion: 65 Resp: 193828

Ion Ratio Lower Upper

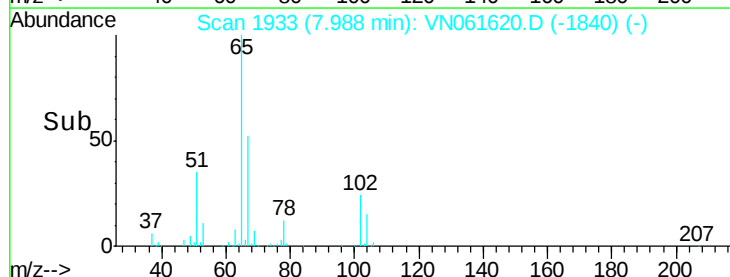
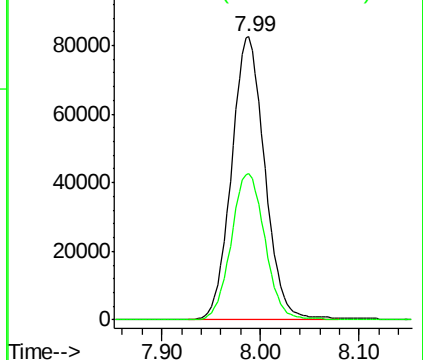
65 100

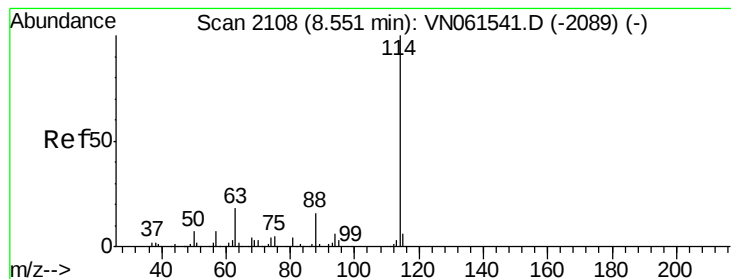
67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

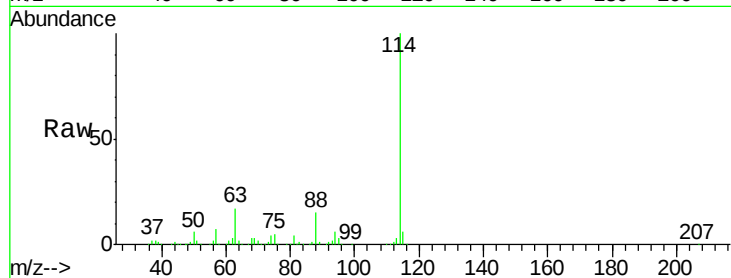
Tot Ion:114 Resp: 608562

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

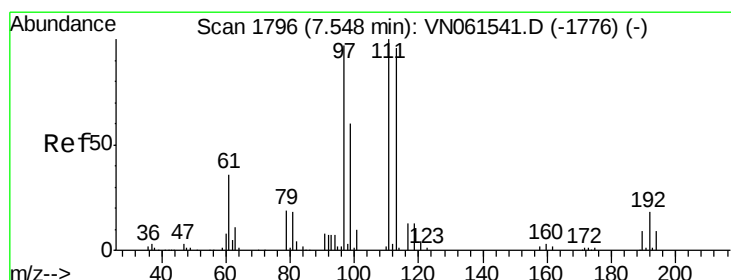
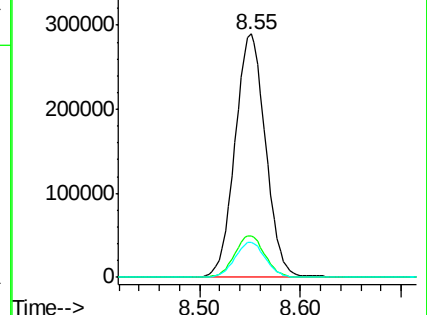
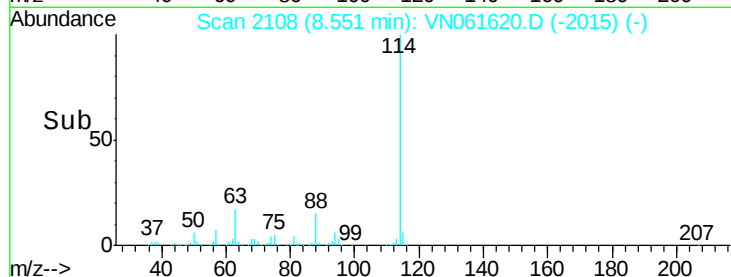
88 14.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 54.492 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

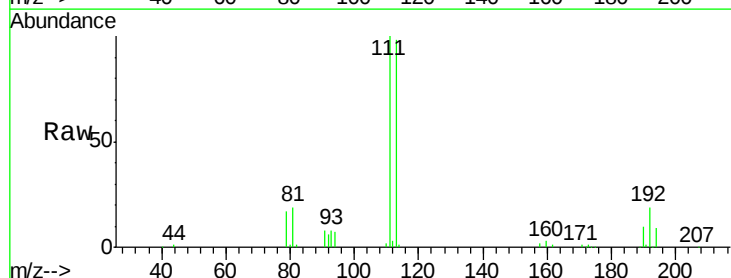
Tgt Ion:113 Resp: 168223

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

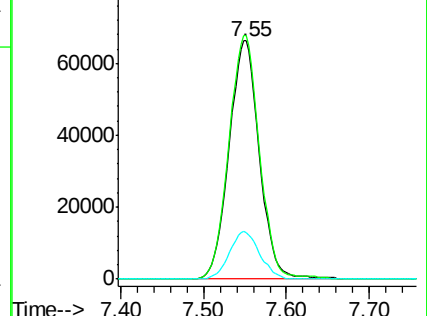
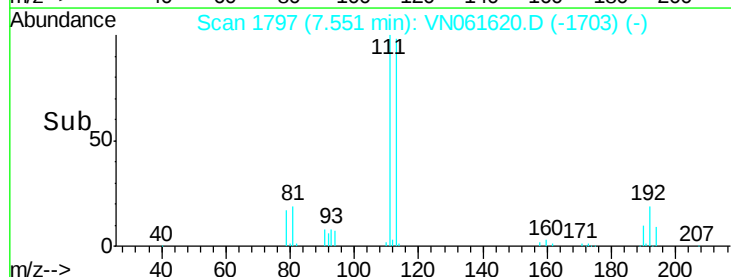
192 19.8 15.4 23.2

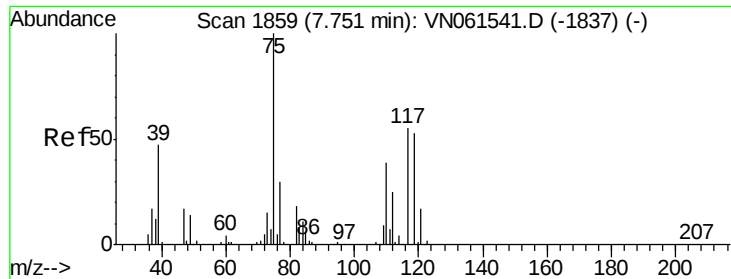


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

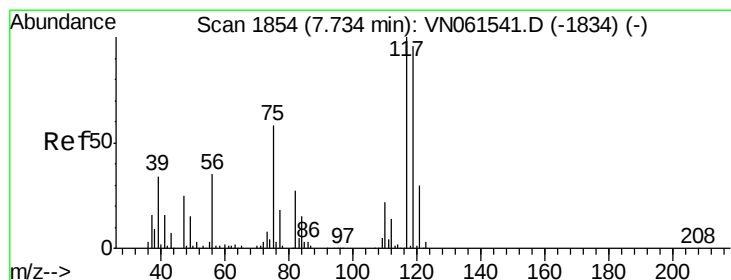
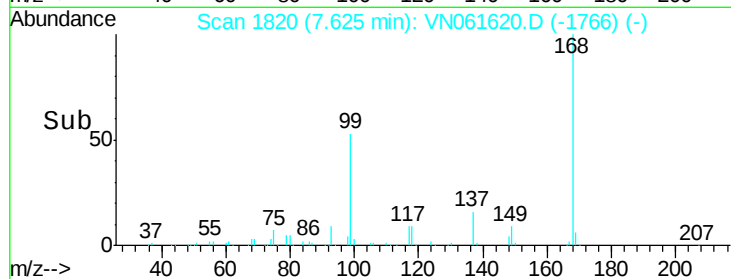
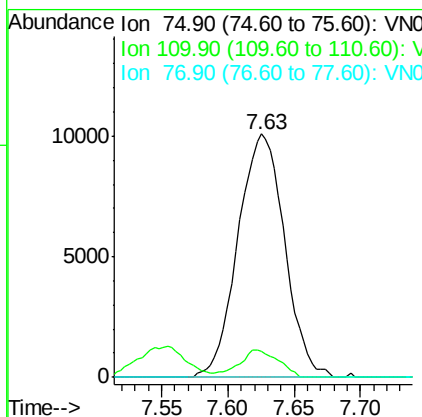
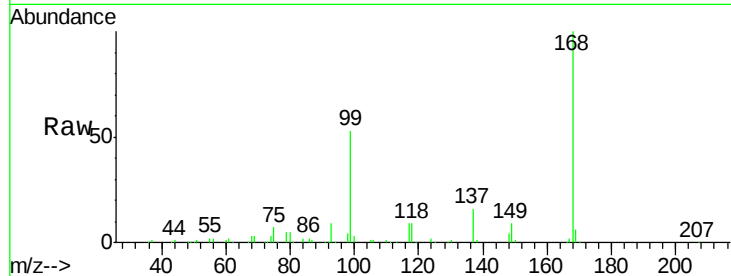




#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

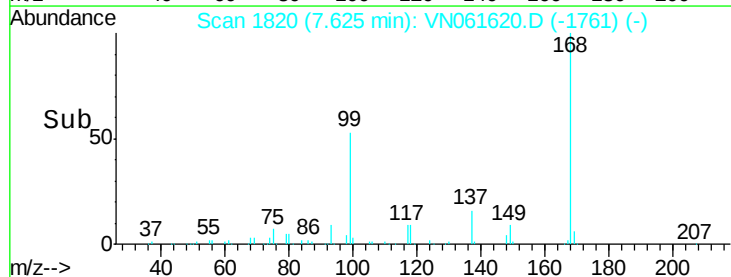
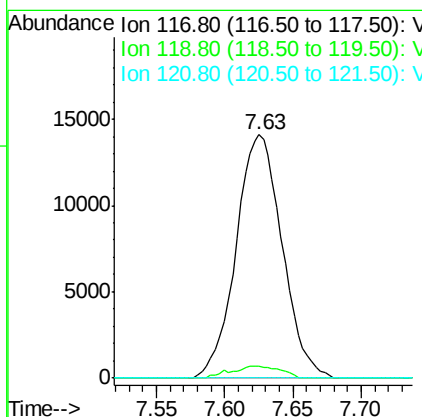
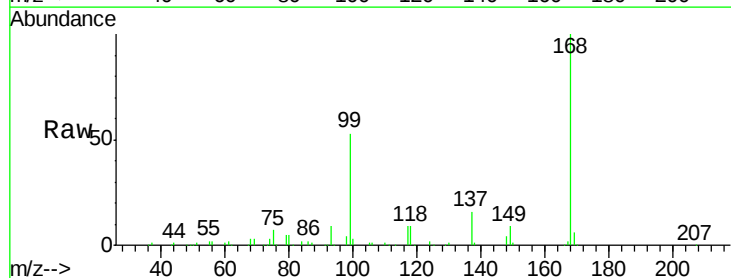
Instrument :
 MSVOA_N
 ClientSampled :

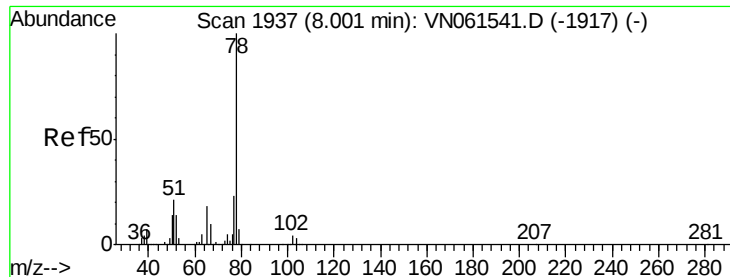
Tot Ion: 75 Resp: 24669
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.5 58.5#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.345 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

Tgt Ion: 117 Resp: 32971
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.5 114.7#
 121 0.0 24.1 36.1#





#40

Benzene

Concen: 1.892 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

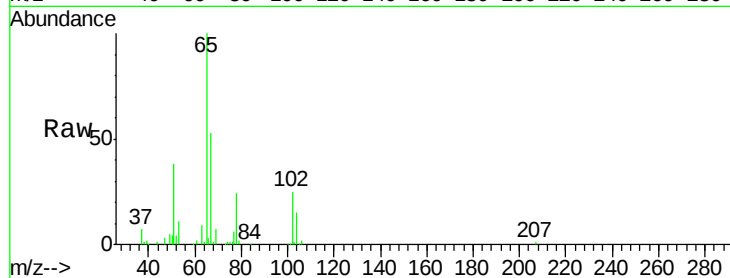
ClientSampleId :

Tot Ion: 78 Resp: 31447

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.00

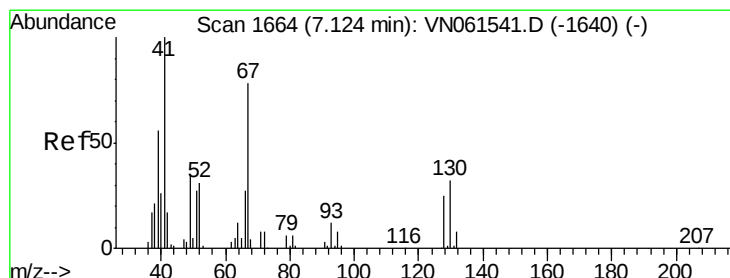
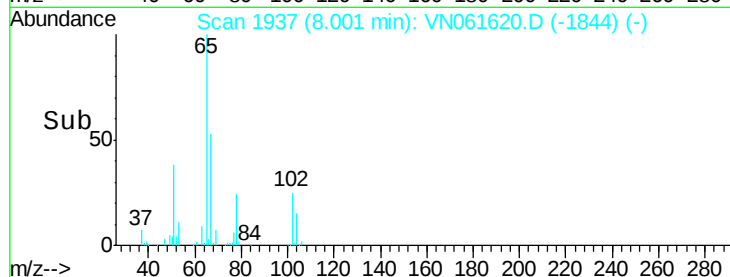
15000

10000

5000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#41

Methacrylonitrile

Concen: 0.465 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.05 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Tgt Ion: 41 Resp: 925

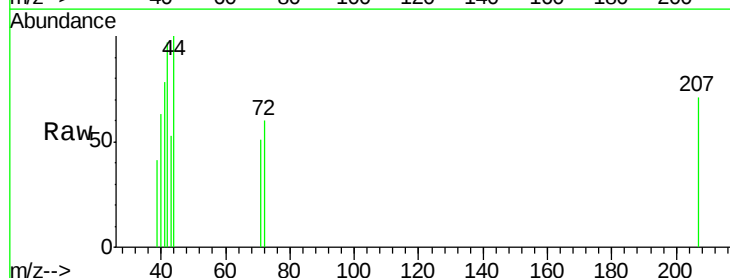
Ion Ratio Lower Upper

41 100

39 37.3 53.8 80.6#

67 0.0 91.1 136.7#

52 0.0 36.0 54.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

7.18

500

400

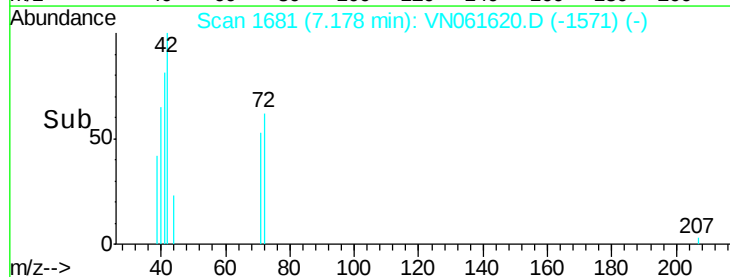
300

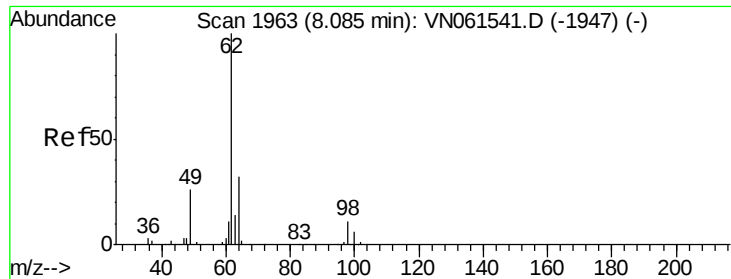
200

100

0

Time--> 7.15 7.20

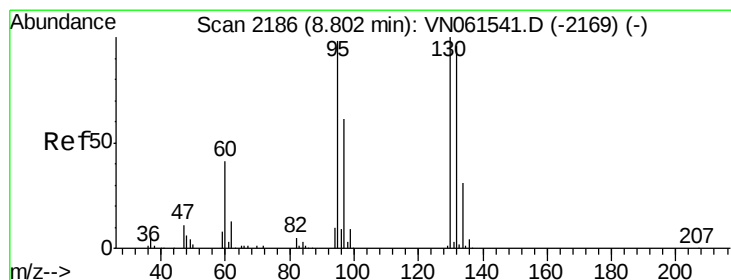
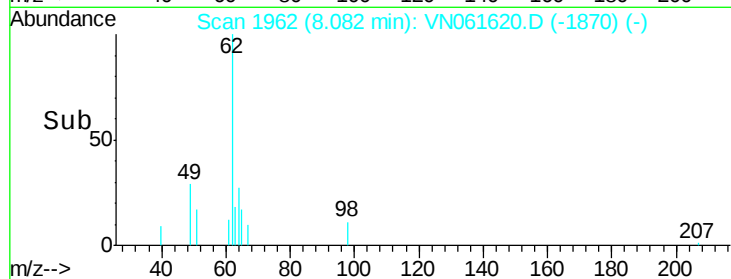
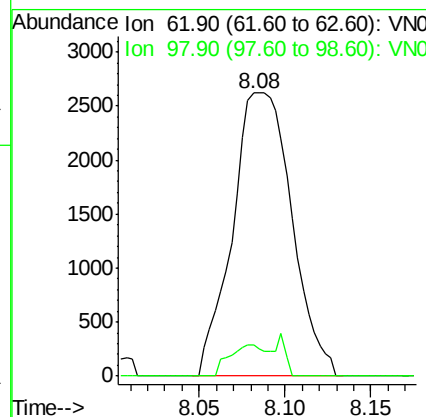
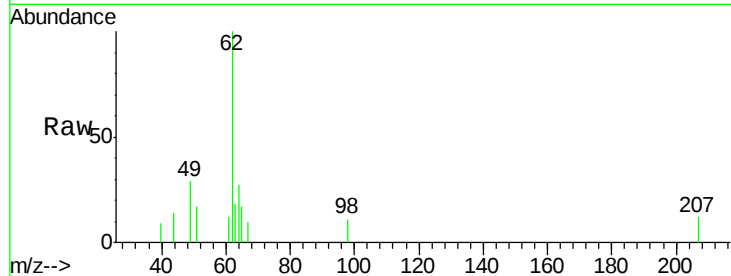




#42
 1,2-Dichloroethane
 Concen: 1.132 ug/l
 RT: 8.08 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

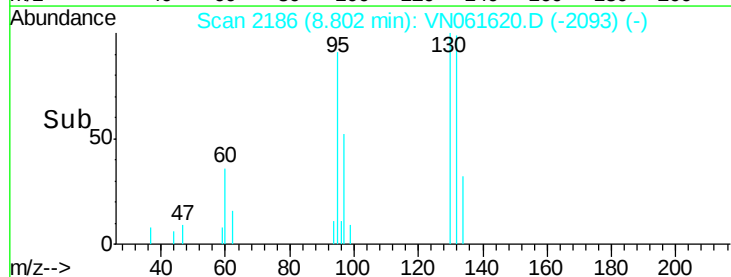
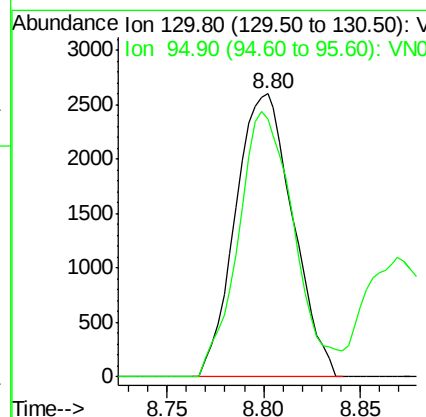
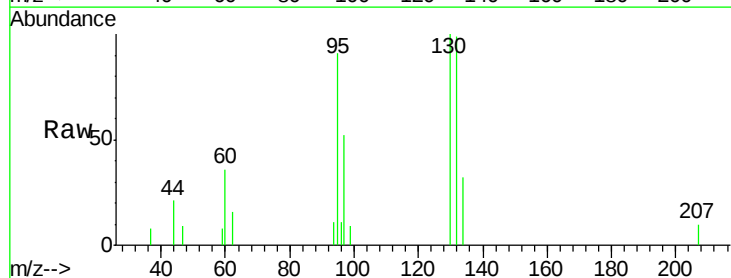
Instrument :
 MSVOA_N
 ClientSampleId :

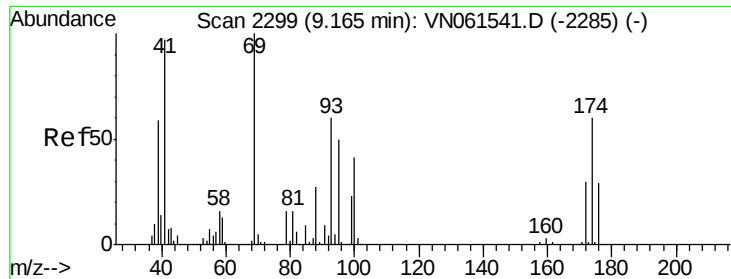
Tot Ion: 62 Resp: 6302
 Ion Ratio Lower Upper
 62 100
 98 6.3 0.0 21.4



#44
 Trichloroethene
 Concen: 1.050 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

Tgt Ion:130 Resp: 5362
 Ion Ratio Lower Upper
 130 100
 95 91.0 0.0 196.6

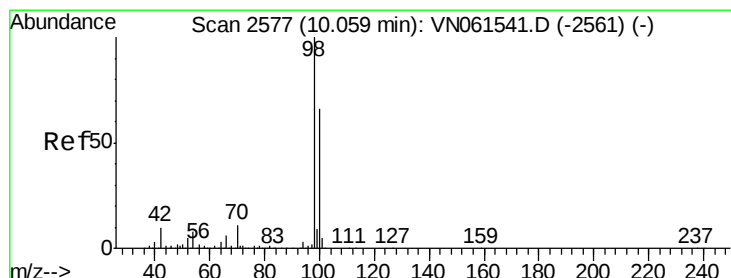
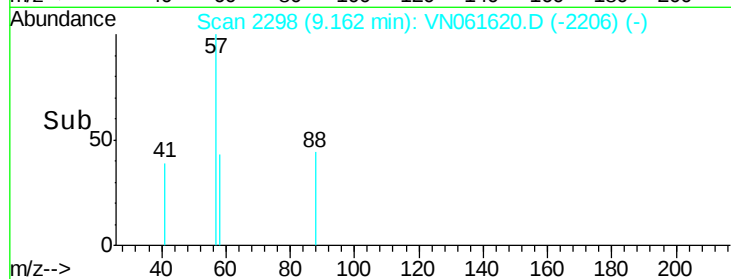
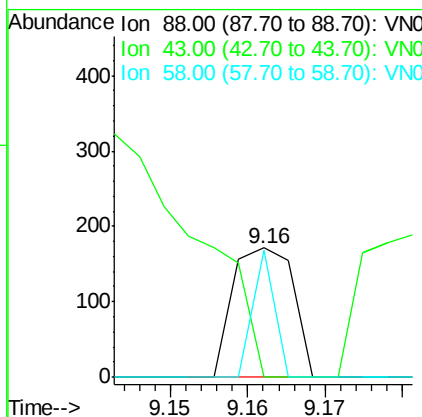
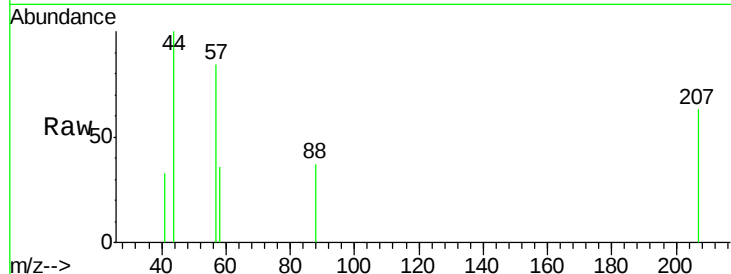




#49
 1,4-Dioxane
 Concen: 1.709 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

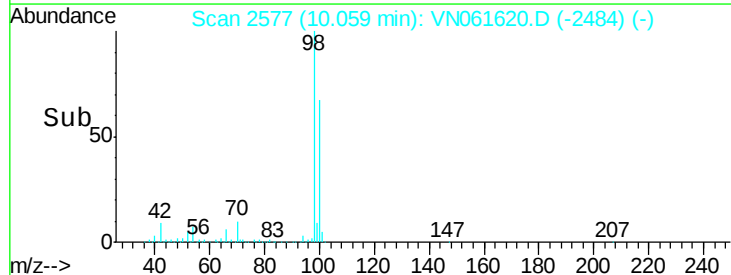
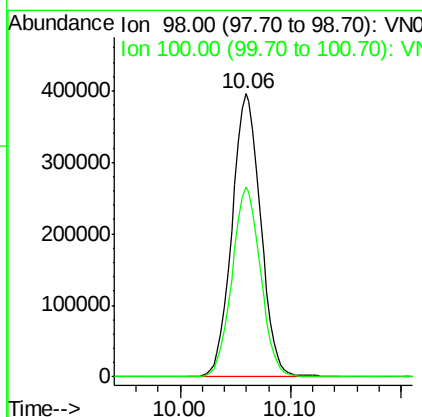
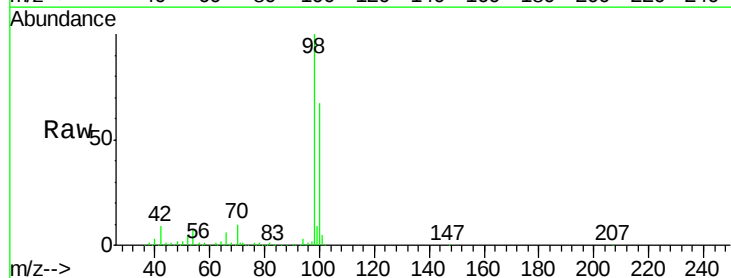
Instrument :
 MSVOA_N
 ClientSampled :

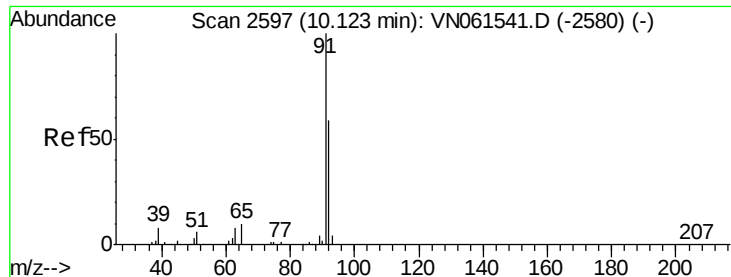
Tot Ion: 88 Resp: 93
 Ion Ratio Lower Upper
 88 100
 43 504.3 23.1 34.7#
 58 34.4 48.3 72.5#



#50
 Toluene-d8
 Concen: 49.844 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

Tgt Ion: 98 Resp: 713080
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.8 79.2





#52

Toluene

Concen: 0.539 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

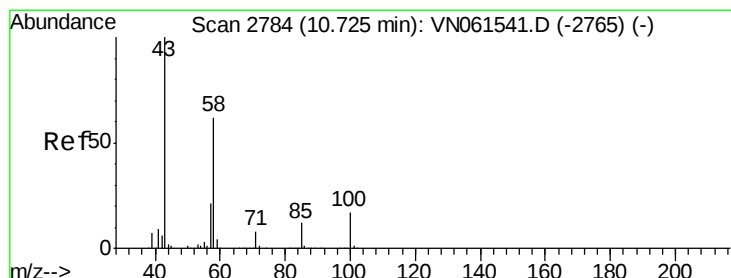
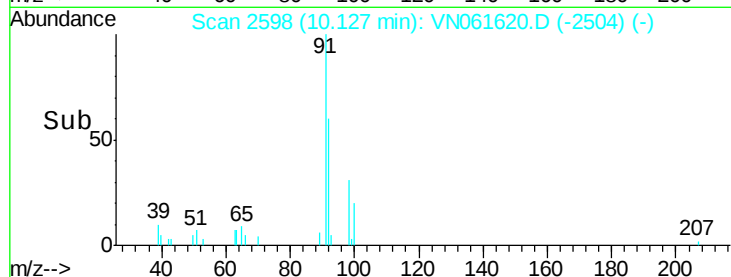
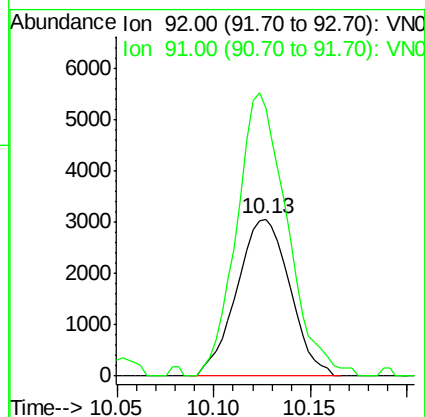
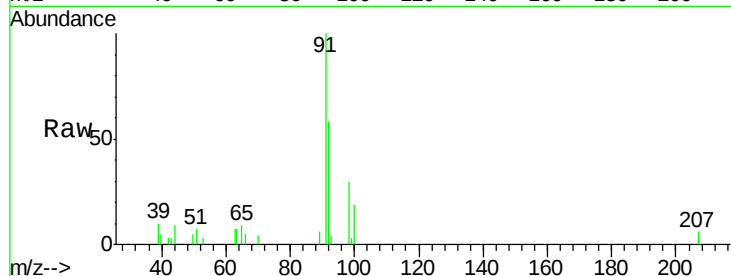
ClientSampleId :

Tot Ion: 92 Resp: 5853

Ion Ratio Lower Upper

92 100

91 171.5 136.4 204.6



#59

2-Hexanone

Concen: 0.771 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VN061620.D

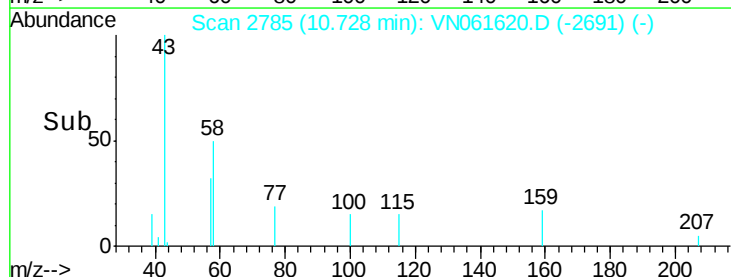
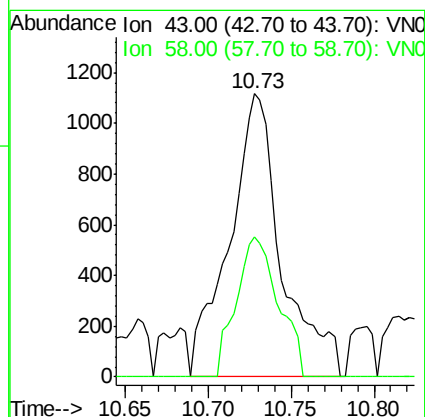
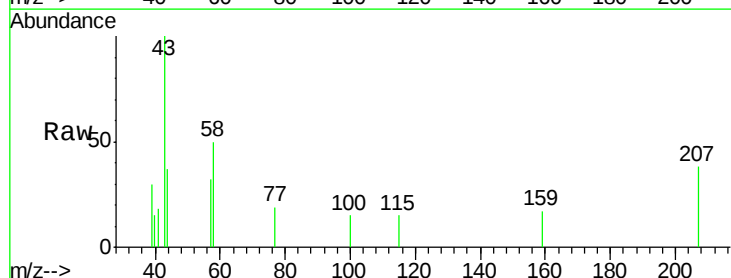
Acq: 2 Jun 2020 14:58

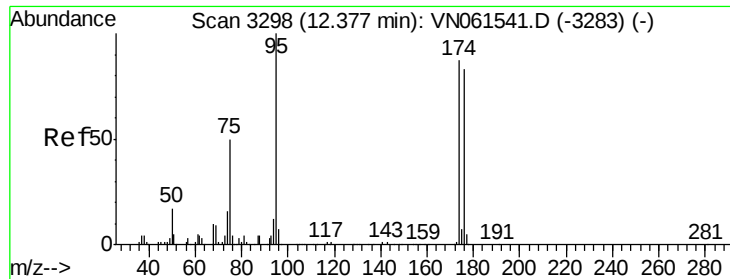
Tgt Ion: 43 Resp: 2436

Ion Ratio Lower Upper

43 100

58 39.9 30.7 92.1

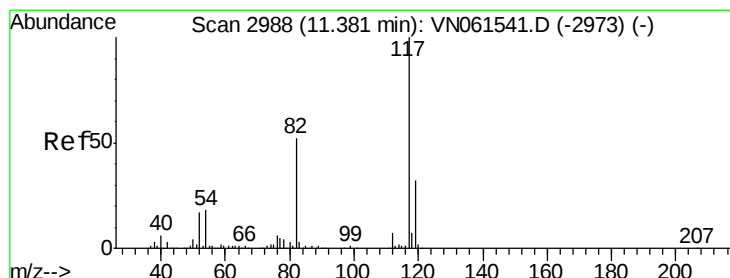
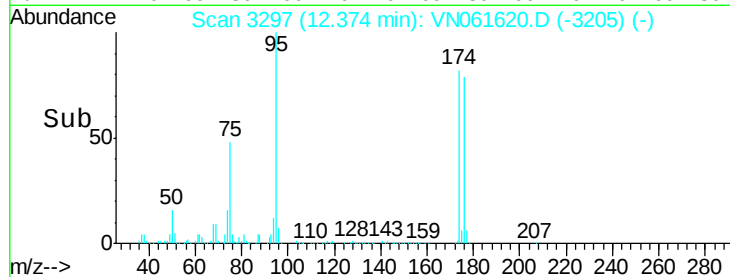
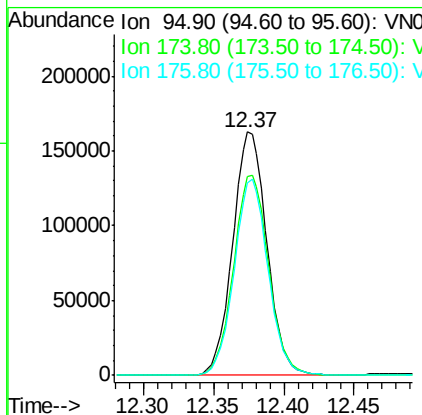
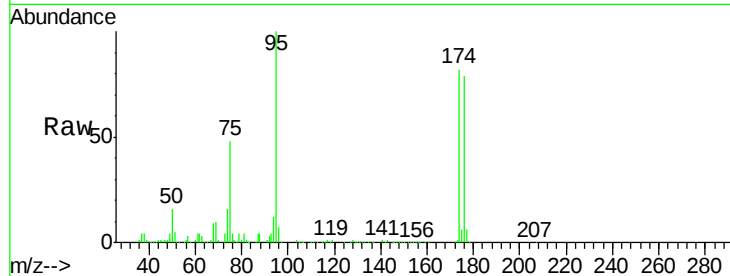




#62
 4-Bromofluorobenzene
 Concen: 53.093 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

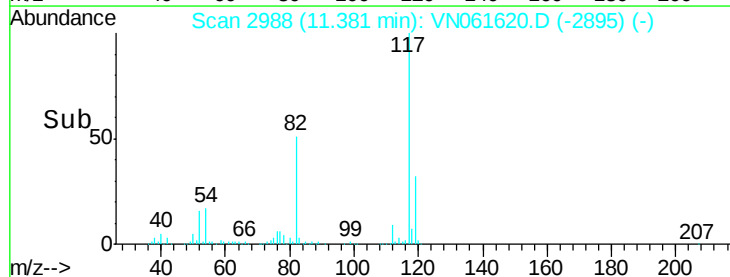
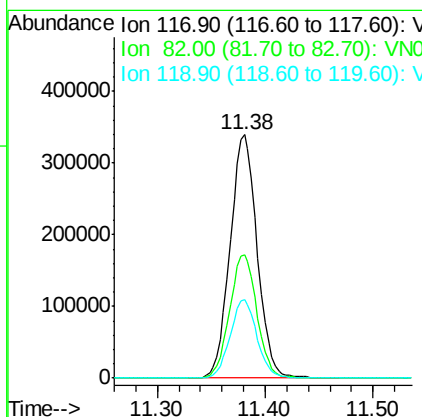
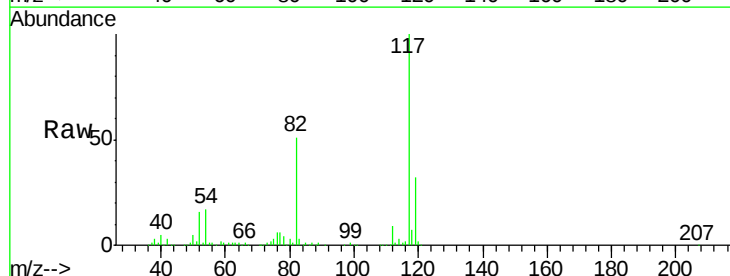
Instrument :
 MSVOA_N
 ClientSampled :

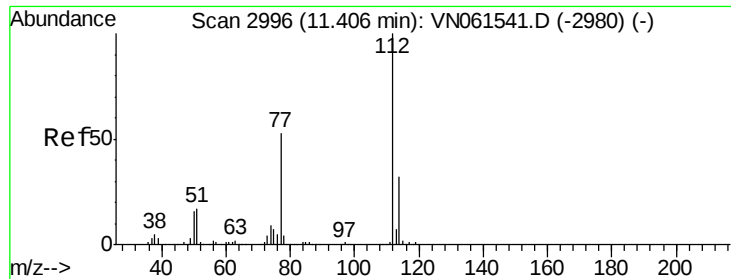
Tot Ion	95	Resp	277114
Ion Ratio	Lower	Upper	
95	100		
174	84.1	0.0	172.8
176	79.8	0.0	164.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

Tgt Ion	117	Resp	594154
Ion Ratio	Lower	Upper	
117	100		
82	50.8	41.5	62.3
119	32.3	25.6	38.4

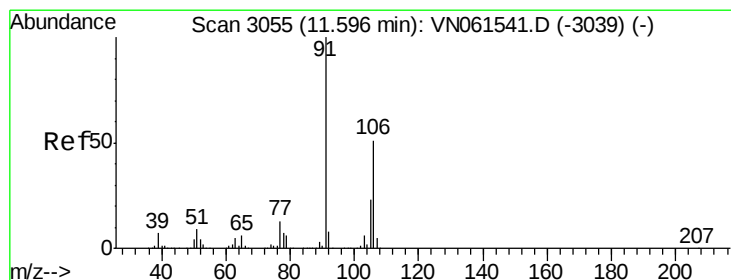
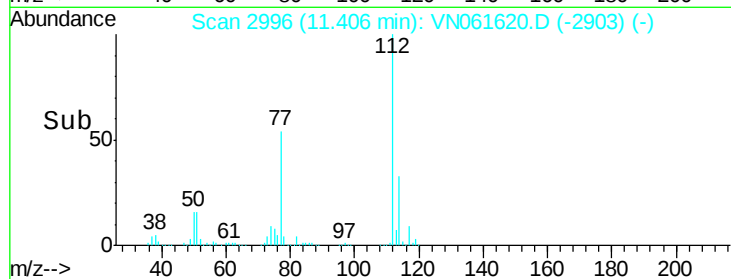
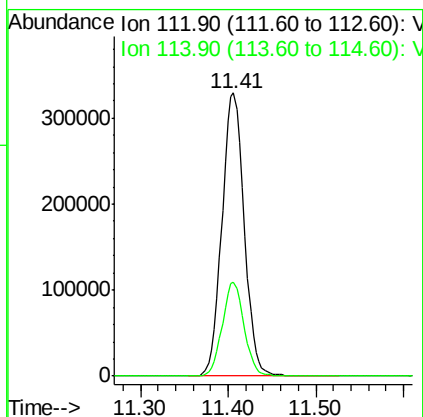
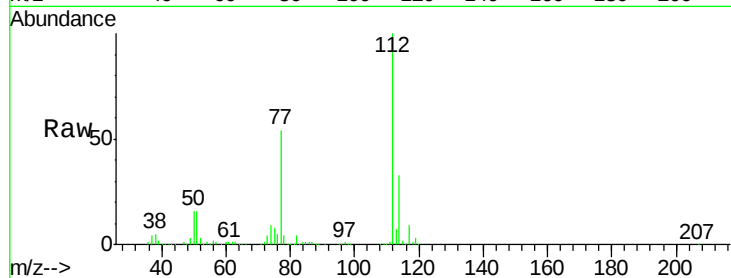




#65
Chlorobenzene
Concen: 47.109 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061620.D
Acq: 2 Jun 2020 14:58

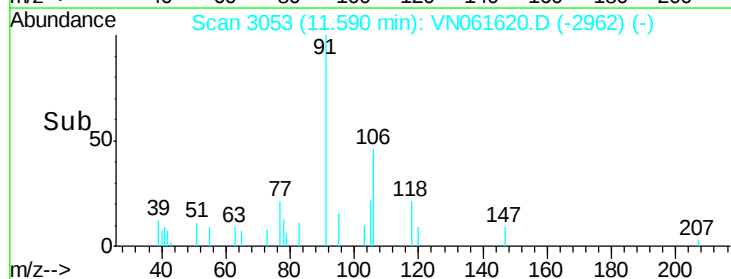
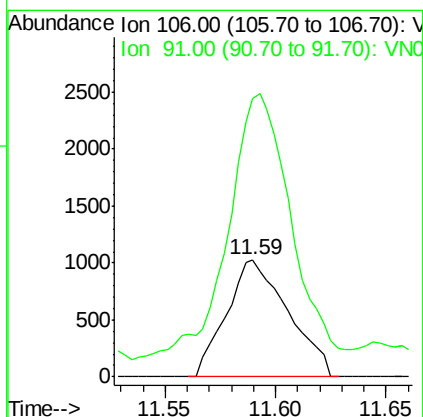
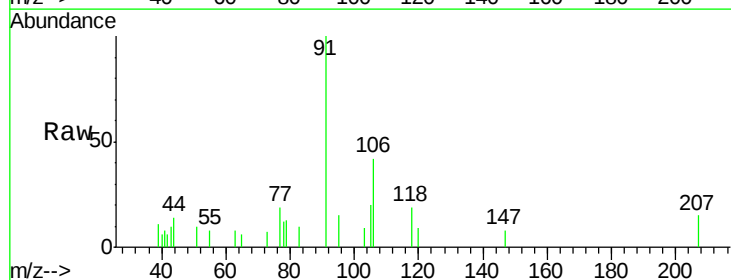
Instrument :
MSVOA_N
ClientSampled :

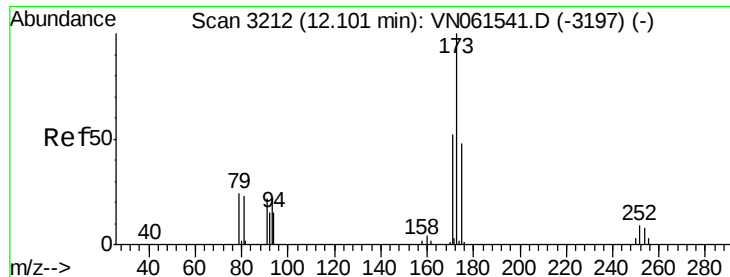
Tot Ion:112 Resp: 581812
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#68
m/p-Xylenes
Concen: 0.235 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.01 min
Lab File: VN061620.D
Acq: 2 Jun 2020 14:58

Tgt Ion:106 Resp: 1991
Ion Ratio Lower Upper
106 100
91 238.0 156.2 234.4#





#71

Bromoform

Concen: 0.623 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

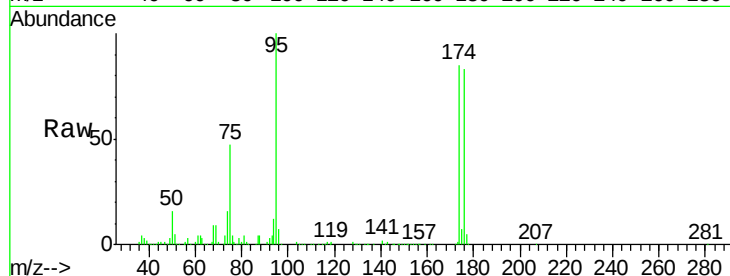
Tot Ion:173 Resp: 2207

Ion Ratio Lower Upper

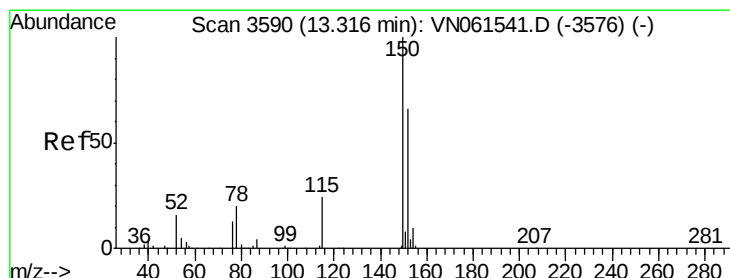
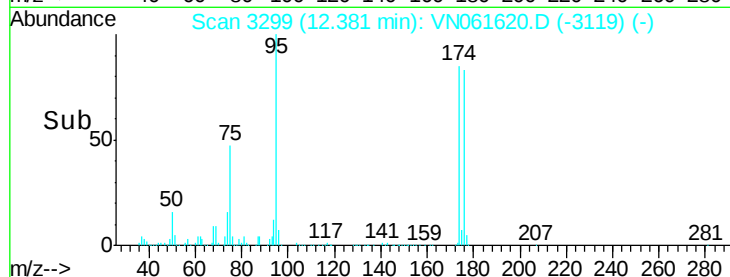
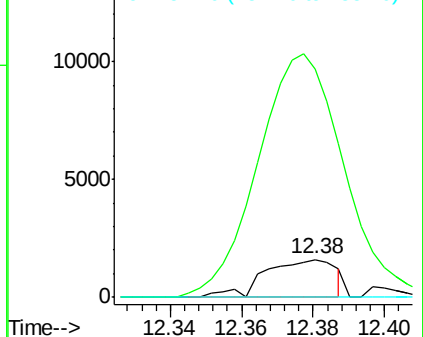
173 100

175 668.1 24.4 73.2#

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: VN061620.D

Acq: 2 Jun 2020 14:58

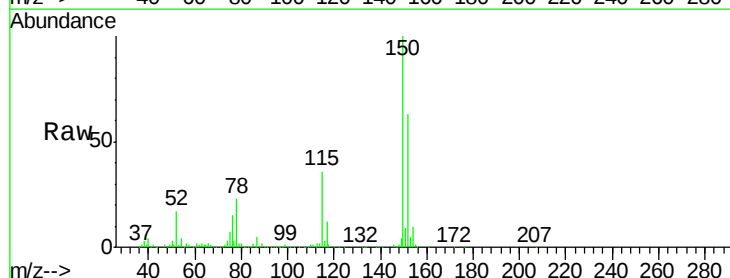
Tgt Ion:152 Resp: 282298

Ion Ratio Lower Upper

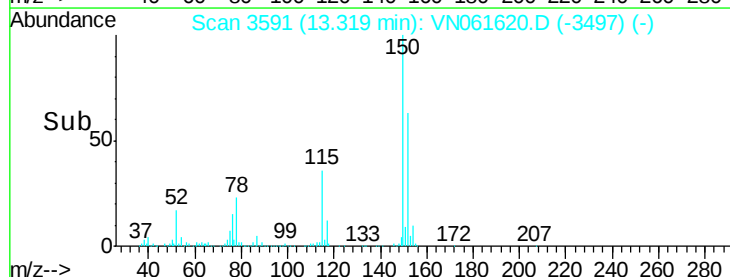
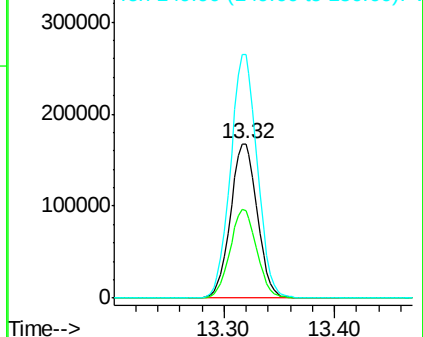
152 100

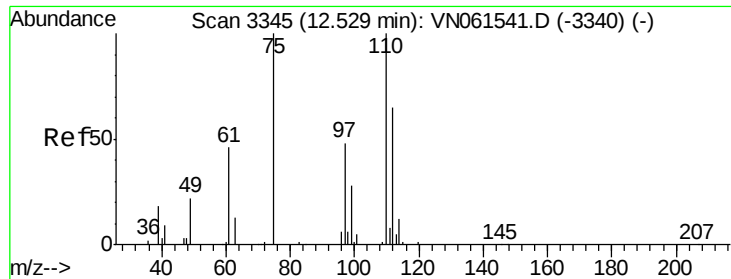
115 56.6 28.0 84.0

150 157.6 0.0 344.0



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





#76

1,2,3-Trichloropropane

Concen: 25.787 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

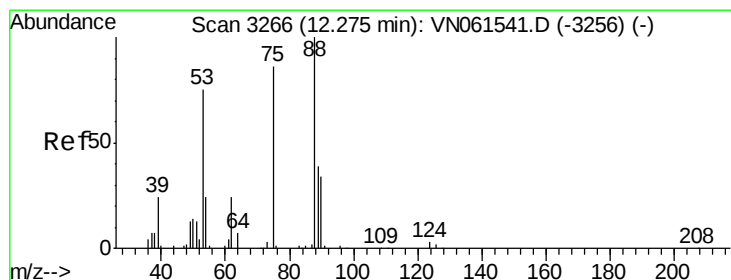
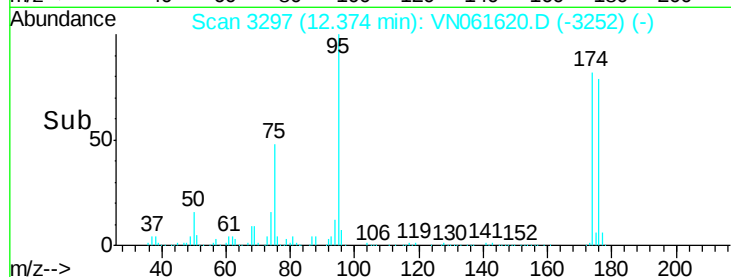
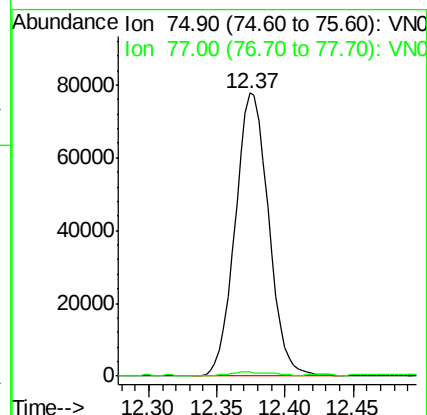
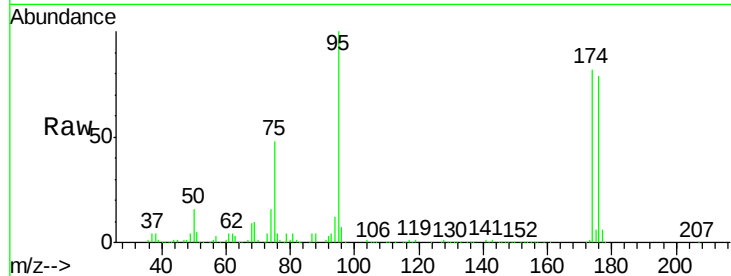
ClientSampleId :

Tot Ion: 75 Resp: 132373

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.945 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

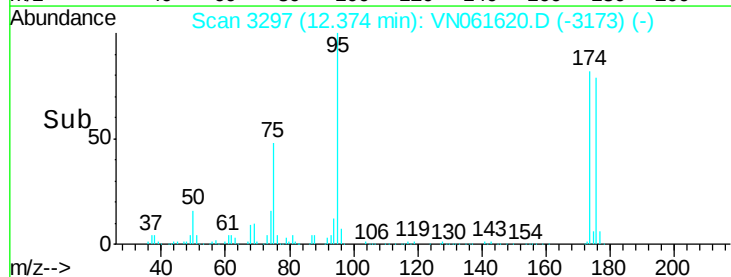
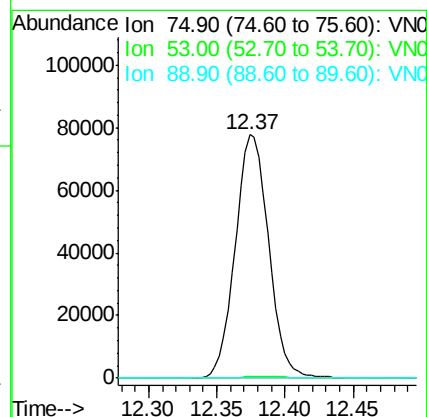
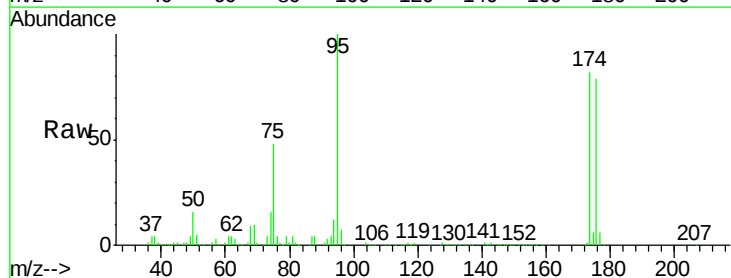
Tgt Ion: 75 Resp: 132373

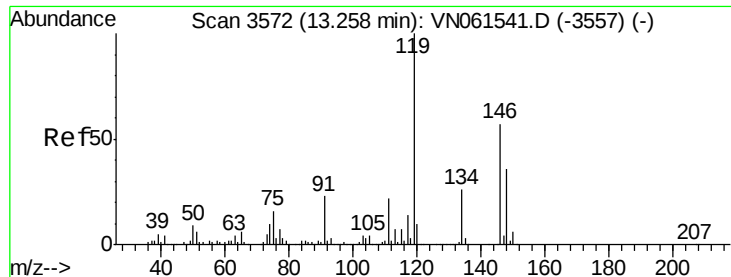
Ion Ratio Lower Upper

75 100

53 0.6 67.8 101.8#

89 0.0 37.1 55.7#

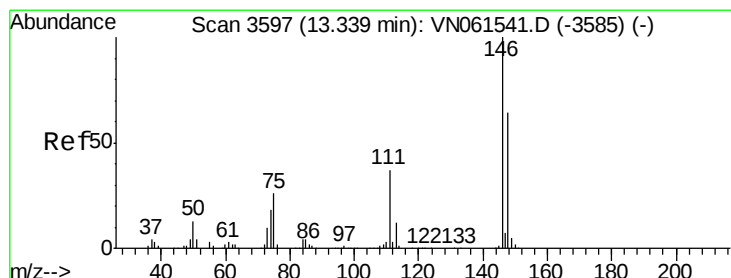
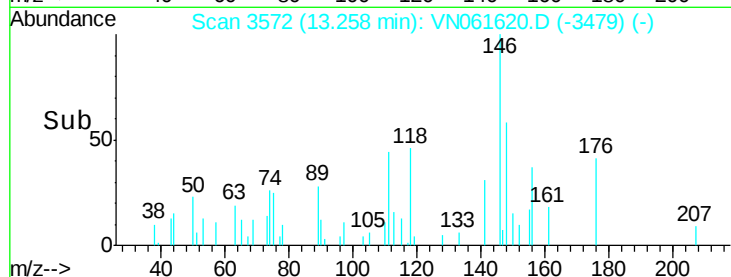
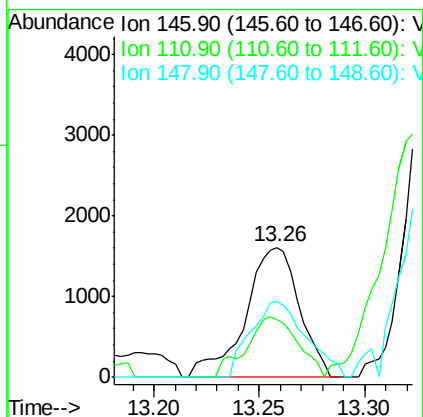
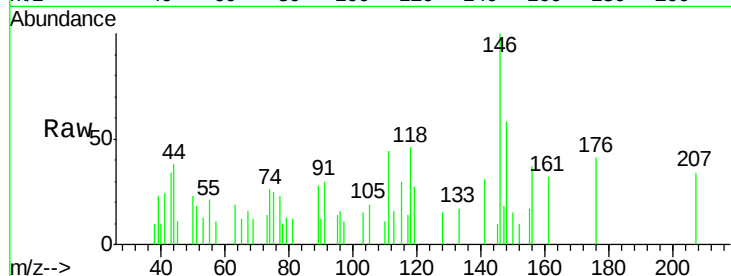




#87
 1,3-Dichlorobenzene
 Concen: 0.307 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

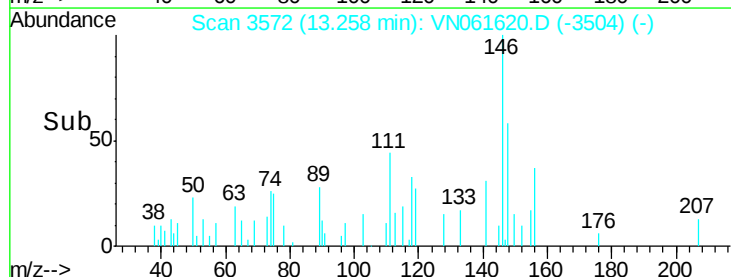
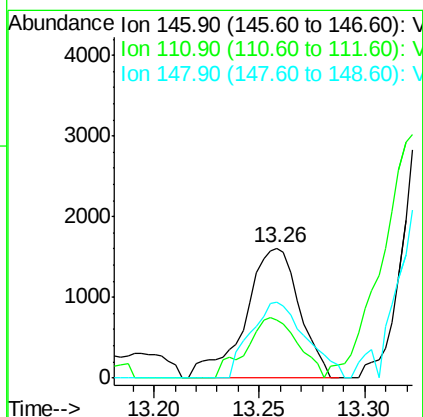
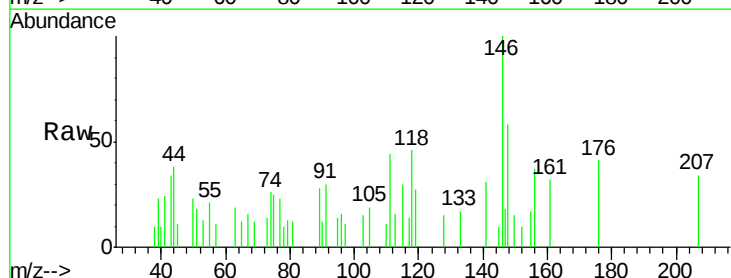
Instrument :
 MSVOA_N
 ClientSampled :

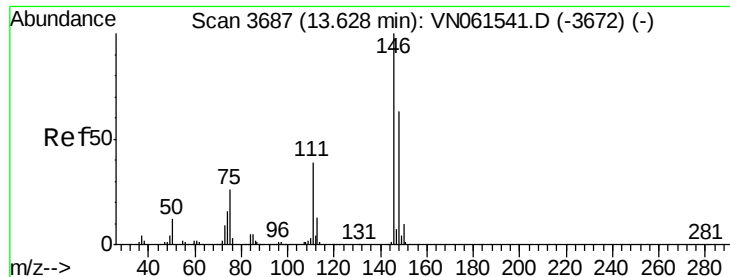
Tot Ion:146 Resp: 2862
 Ion Ratio Lower Upper
 146 100
 111 44.3 19.2 57.6
 148 59.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.302 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: VN061620.D
 Acq: 2 Jun 2020 14:58

Tgt Ion:146 Resp: 2862
 Ion Ratio Lower Upper
 146 100
 111 44.3 18.9 56.9
 148 59.9 31.8 95.3





#91

1,2-Dichlorobenzene

Concen: 1.086 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

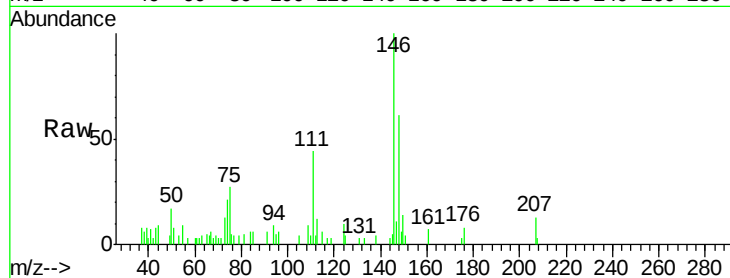
Tot Ion:146 Resp: 9669

Ion Ratio Lower Upper

146 100

111 43.9 20.1 60.2

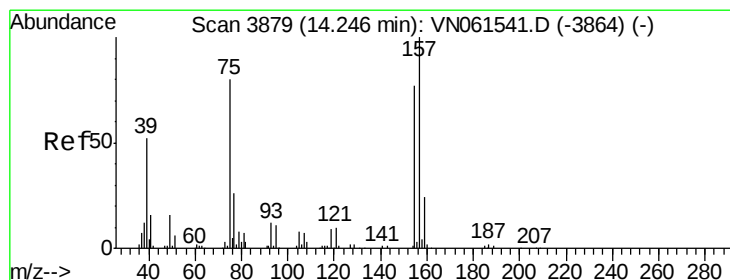
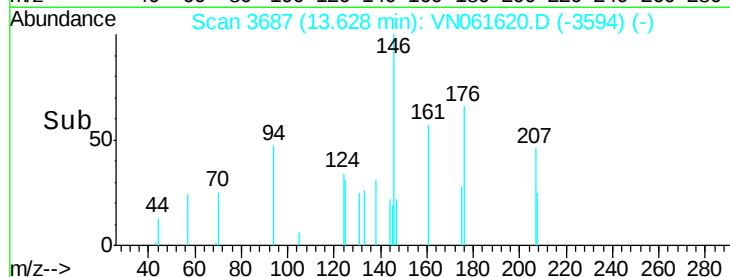
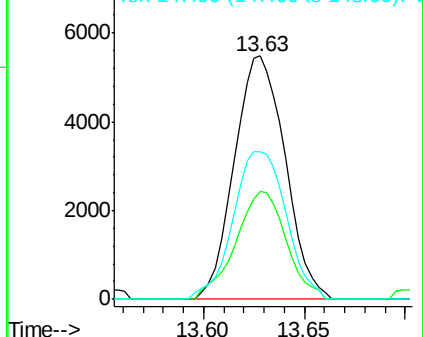
148 63.5 31.9 95.5



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: 0.200 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN061620.D

Acq: 2 Jun 2020 14:58

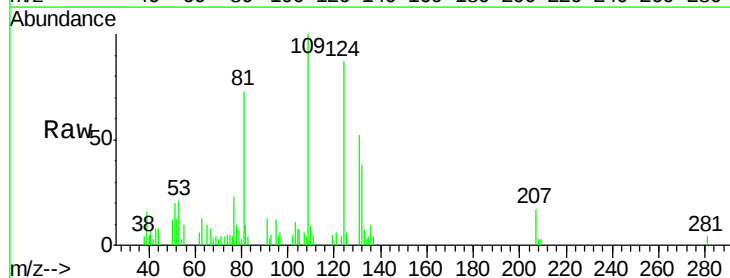
Tgt Ion: 75 Resp: 236

Ion Ratio Lower Upper

75 100

155 0.0 47.1 141.4#

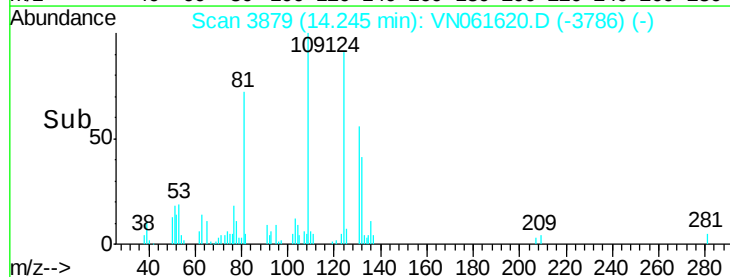
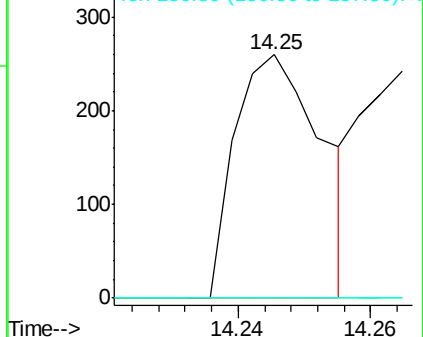
157 0.0 60.3 180.8#

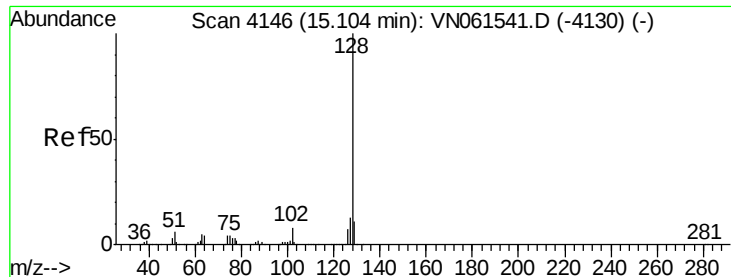


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

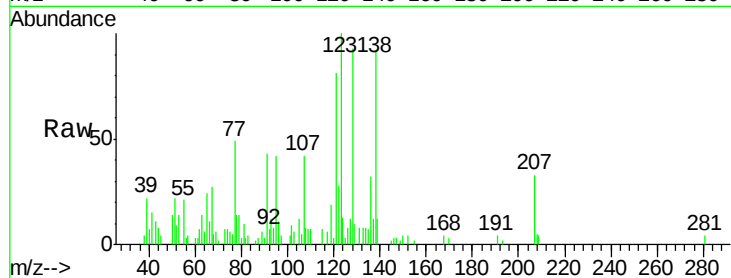




#95
Naphthalene
Concen: 0.741 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061620.D
Acq: 2 Jun 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.0	15.0
129	11.8	8.5	12.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

