

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061604.D
 Acq On : 1 Jun 2020 18:53
 Operator : JC/MD
 Sample : L2822-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C0AP7

Quant Time: Jun 02 03:56:51 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	301799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	543084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	586787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	334341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	182851	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.55	113	142251	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.06	98	679216	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.37	95	316164	67.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.76%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.38	74	473	0.238	ug/l	89
11) Tert butyl alcohol	4.74	59	535	1.119	ug/l #	72
13) Acrolein	3.57	56	1993	Below Cal	#	13
14) Allyl chloride	4.28	41	4424	1.097	ug/l #	20
16) Acetone	3.77	43	282454	285.915	ug/l	99
18) Methyl Acetate	4.27	43	229247	70.427	ug/l	100
20) Methylene Chloride	4.50	84	219243	67.699	ug/l	96
25) 2-Butanone	6.78	43	669753	393.018	ug/l	98
28) Bromochloromethane	7.16	49	794	Below Cal	#	3
29) Tetrahydrofuran	7.17	42	210135	186.998	ug/l	99
31) Cyclohexane	7.62	56	6096	1.203	ug/l #	24
36) 1,1-Dichloropropene	7.62	75	21731	4.520	ug/l #	49
37) Ethyl Acetate	6.78	43	669753	172.961	ug/l #	66
38) Carbon Tetrachloride	7.63	117	29141	6.284	ug/l #	16
40) Benzene	8.00	78	936154	63.109	ug/l	100
41) Methacrylonitrile	7.17	41	121288	68.364	ug/l #	27
42) 1,2-Dichloroethane	8.00	62	7524	1.515	ug/l	73
43) Isopropyl Acetate	8.13	43	53525	7.683	ug/l #	90
45) 1,2-Dichloropropane	9.10	63	2667	0.757	ug/l #	1
48) Methyl methacrylate	9.16	41	22018	7.025	ug/l #	56
49) 1,4-Dioxane	9.15	88	401	8.258	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	132644	33.787	ug/l	100
52) Toluene	10.12	92	2817272	290.982	ug/l	89
53) t-1,3-Dichloropropene	10.28	75	2909	0.505	ug/l	98
54) cis-1,3-Dichloropropene	9.87	75	25511	4.115	ug/l #	58
55) 1,1,2-Trichloroethane	10.45	97	5108	1.324	ug/l #	27
56) Ethyl methacrylate	10.28	69	7519	1.395	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	3454	0.560	ug/l #	42
59) 2-Hexanone	10.72	43	781241	277.087	ug/l	90
67) Ethyl Benzene	11.48	91	1016524	48.219	ug/l	99
68) m/p-Xylenes	11.59	106	985925	117.949	ug/l	99
69) o-Xylene	11.92	106	634040	79.861	ug/l	100
70) Styrene	11.94	104	143672	10.928	ug/l #	37
71) Bromoform	12.37	173	2579	0.737	ug/l #	1

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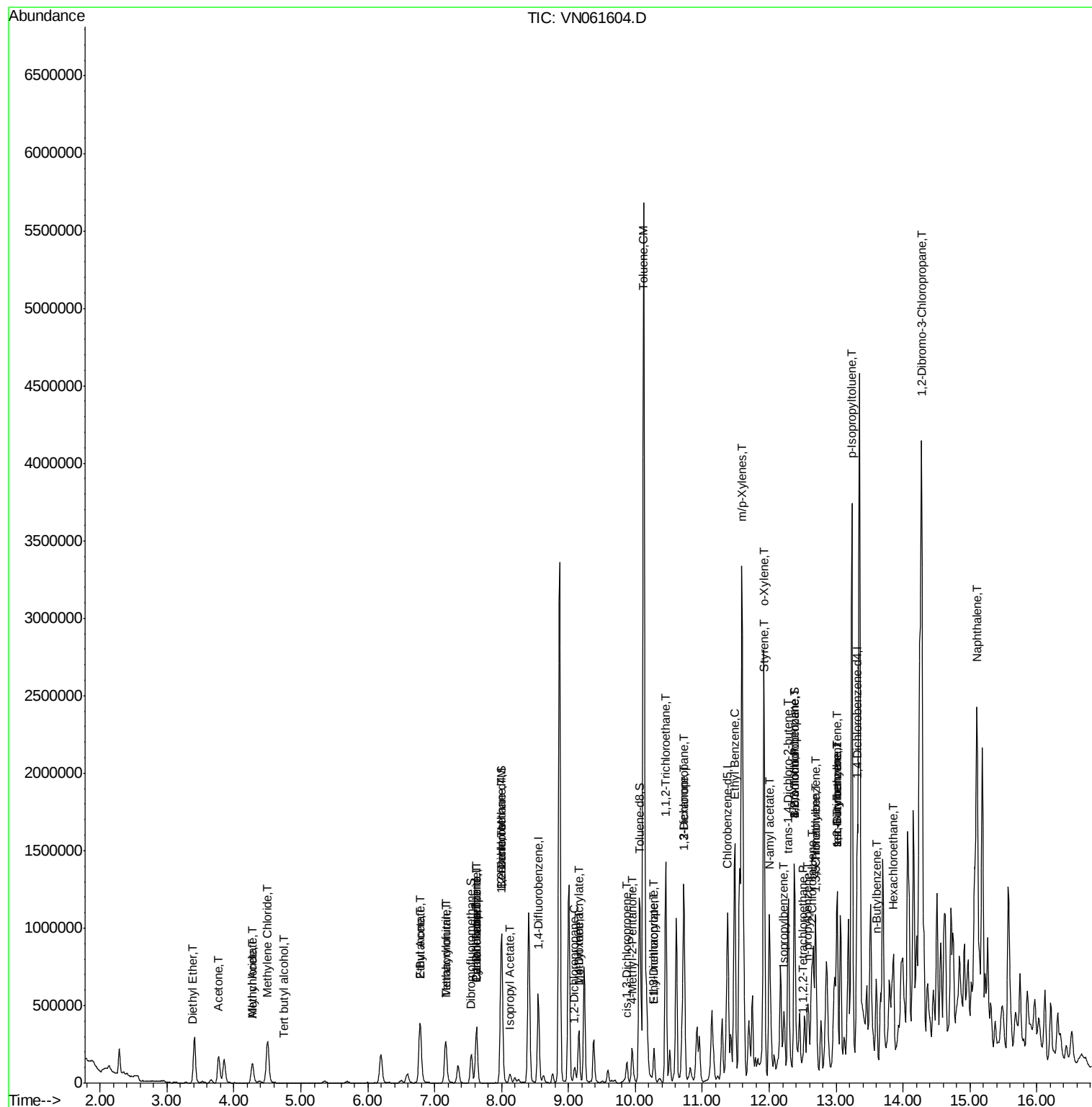
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	12.22	105	41500	1.701	ug/l	99
74) N-amyl acetate	12.00	43	583753	75.961	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.49	83	24796	3.626	ug/l #	26
76) 1,2,3-Trichloropropane	12.37	75	138815	22.833	ug/l #	100
78) n-propylbenzene	12.56	91	133875	4.914	ug/l	98
79) 2-Chlorotoluene	12.63	91	39874	2.455	ug/l #	62
80) 1,3,5-Trimethylbenzene	12.71	105	138116	6.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	7550	3.176	ug/l #	1
82) 4-Chlorotoluene	12.71	91	14297	0.837	ug/l #	40
83) tert-Butylbenzene	13.01	119	65890	3.656	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.01	105	532965	26.304	ug/l	99
85) sec-Butylbenzene	13.01	105	532965	22.952	ug/l #	55
86) p-Isopropyltoluene	13.23	119	231878	10.843	ug/l #	69
89) n-Butylbenzene	13.59	91	27254	1.522	ug/l #	77
90) Hexachloroethane	13.86	117	8143	3.443	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	98202	70.414	ug/l #	1
95) Naphthalene	15.10	128	1005144	53.567	ug/l	99

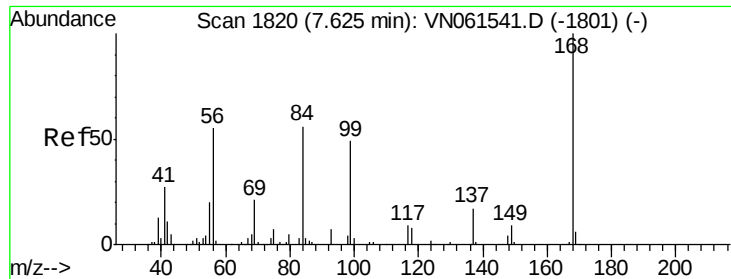
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

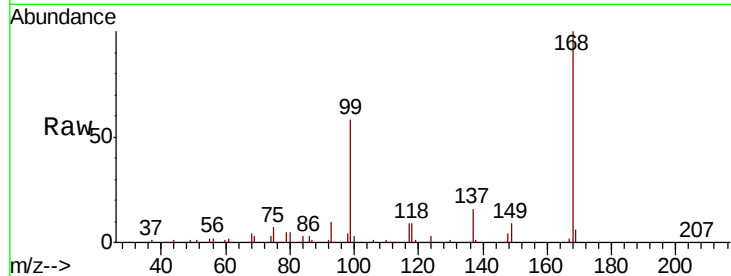
C0AP7

Tot Ion:168 Resp: 301799

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061541.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1801) (-)

7.63

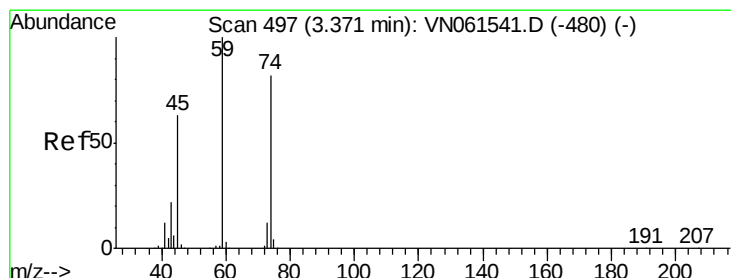
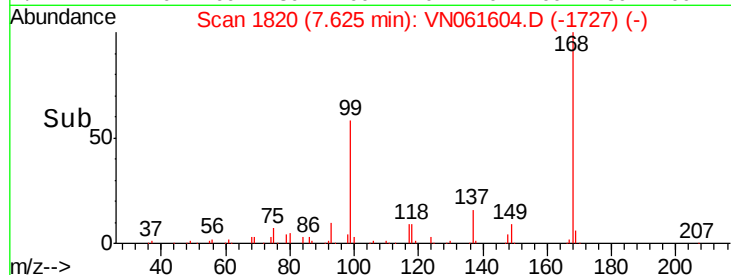
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.238 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.01 min

Lab File: VN061604.D

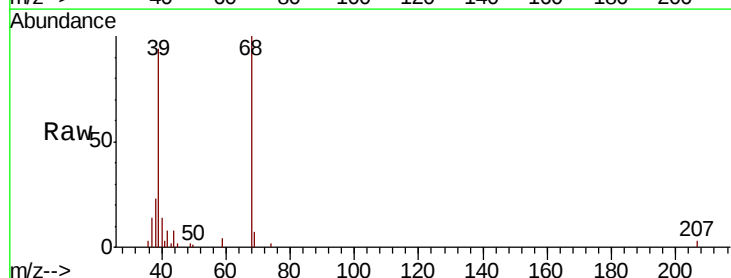
Acq: 1 Jun 2020 18:53

Tgt Ion: 74 Resp: 473

Ion Ratio Lower Upper

74 100

45 89.4 39.9 119.7



Abundance Ion 74.00 (73.70 to 74.70): VN061541.D (-480) (-)

Ion 45.00 (44.70 to 45.70): VN061541.D (-480) (-)

3.38

300

250

200

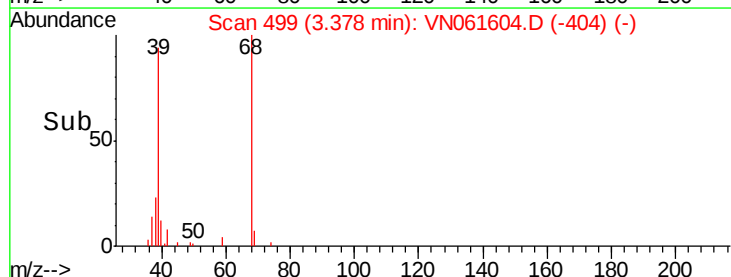
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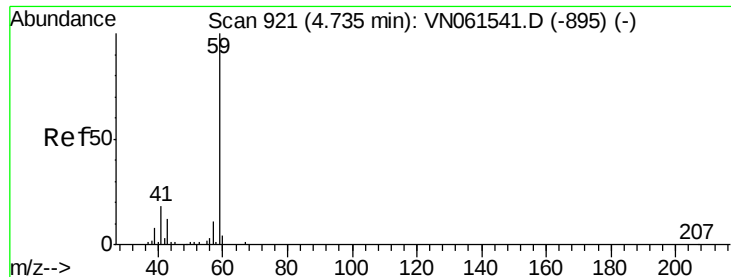
100

50

0

Time-->





#11

Tert butyl alcohol

Concen: 1.119 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampled :

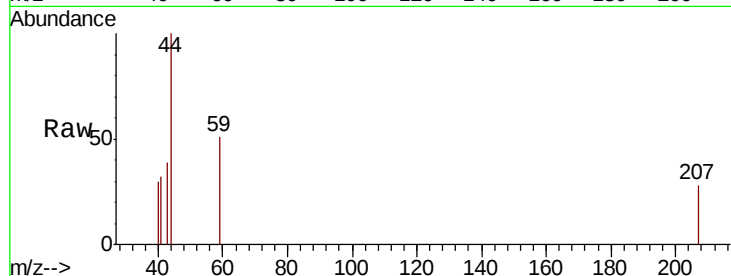
C0AP7

Tot Ion: 59 Resp: 535

Ion Ratio Lower Upper

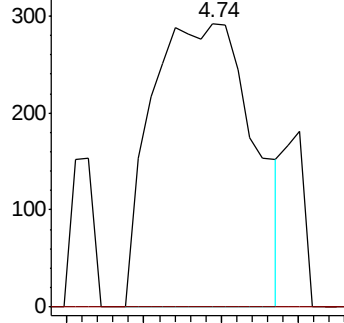
59 100

57 0.0 8.4 12.6#

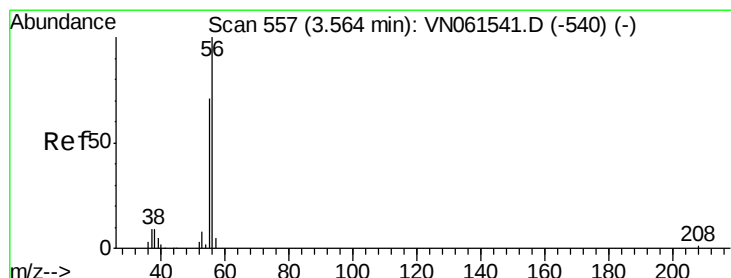
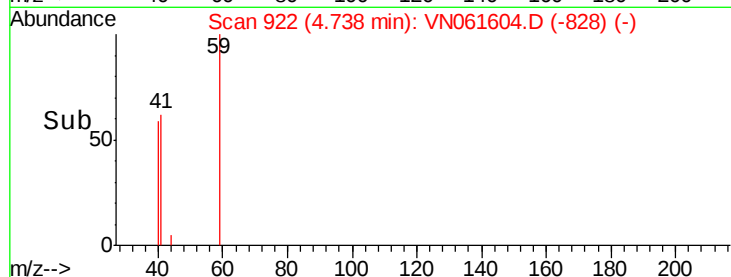


Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061604.D

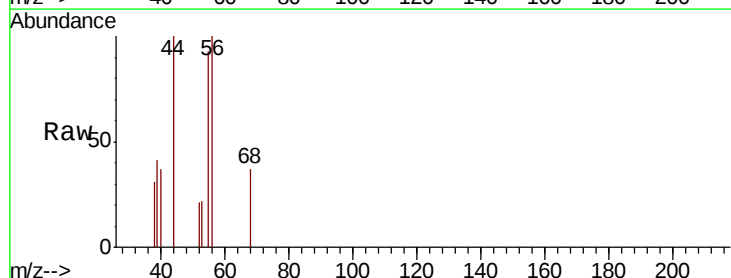
Acq: 1 Jun 2020 18:53

Tgt Ion: 56 Resp: 1993

Ion Ratio Lower Upper

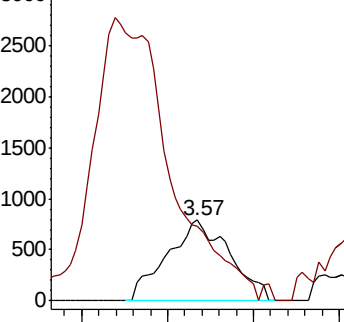
56 100

55 0.0 58.0 87.0#

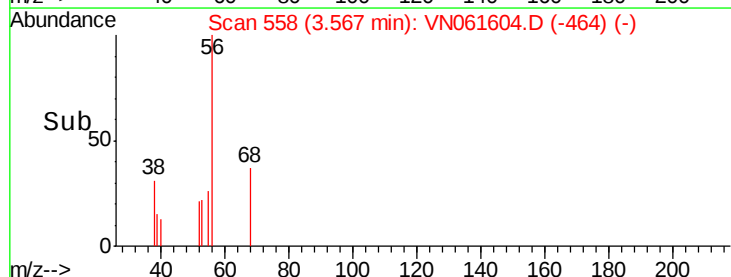


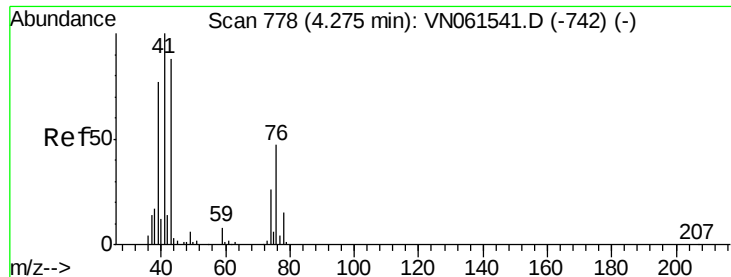
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->

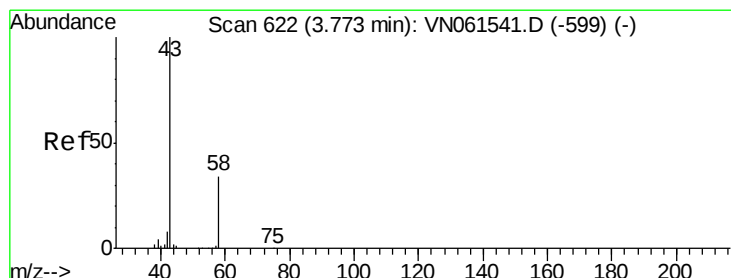
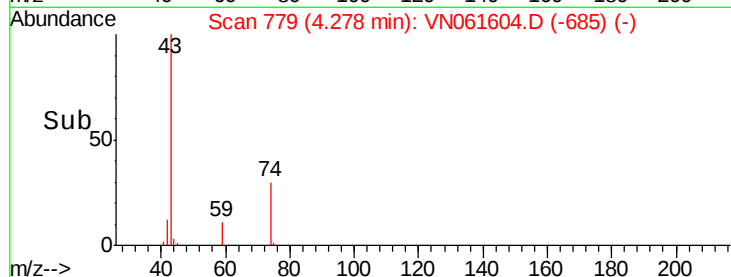
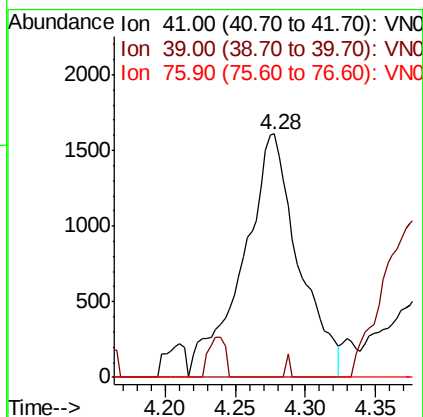
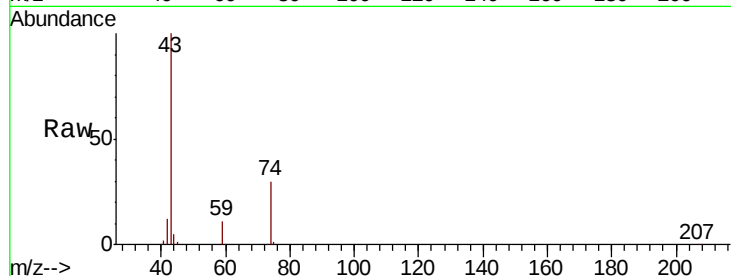




#14
Allvl chloride
Concen: 1.097 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

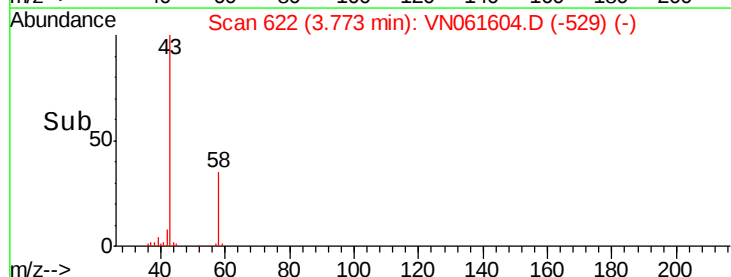
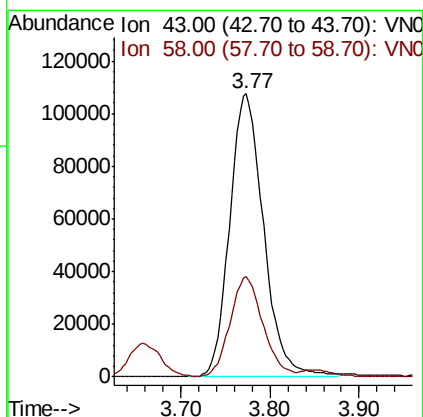
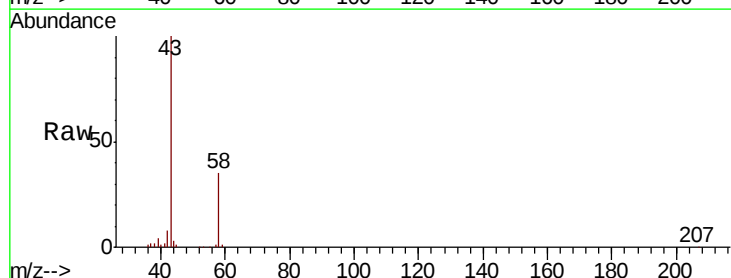
Instrument :
MSVOA_N
ClientSampled :
C0AP7

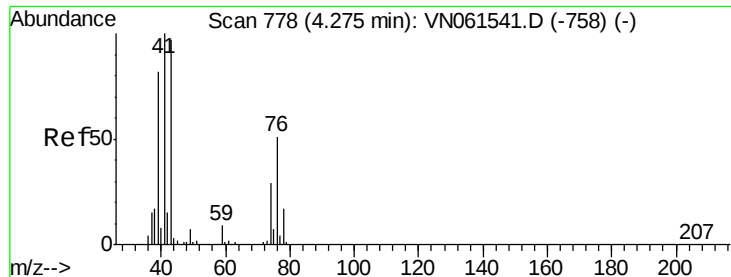
Tot Ion: 41 Resp: 4424
Ion Ratio Lower Upper
41 100
39 0.0 58.6 88.0#
76 0.0 34.2 51.4#



#16
Acetone
Concen: 285.915 ug/l
RT: 3.77 min Scan# 622
Delta R.T. 0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 43 Resp: 282454
Ion Ratio Lower Upper
43 100
58 34.8 27.2 40.8

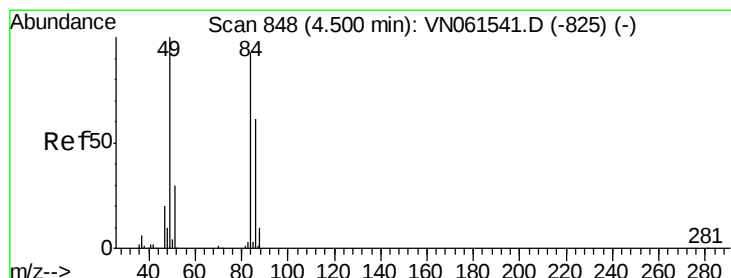
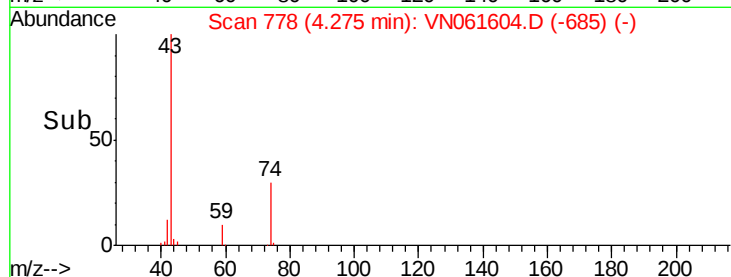
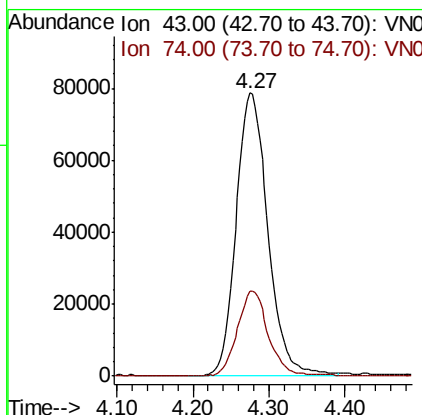
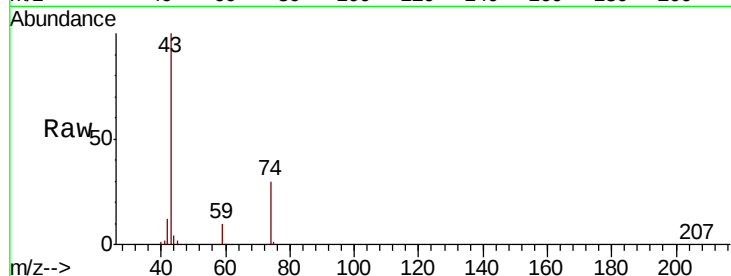




#18
Methvl Acetate
Concen: 70.427 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

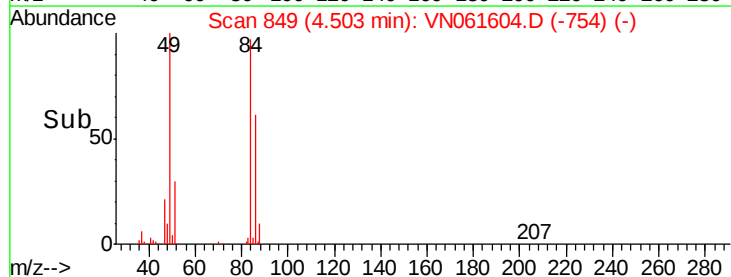
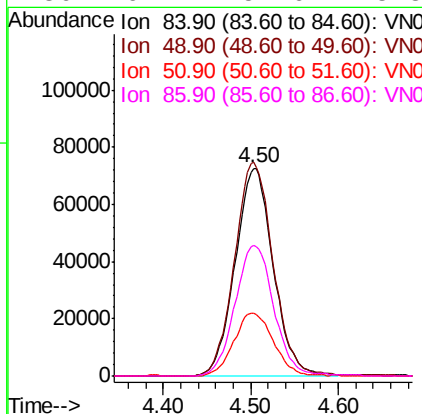
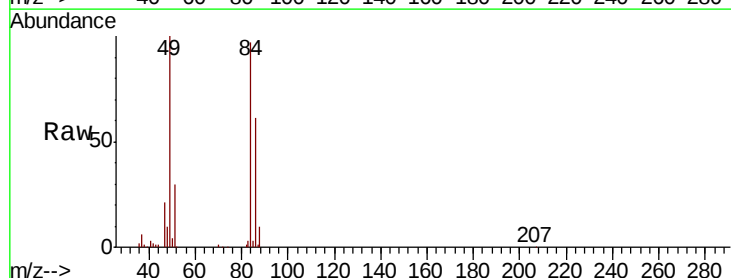
Instrument :
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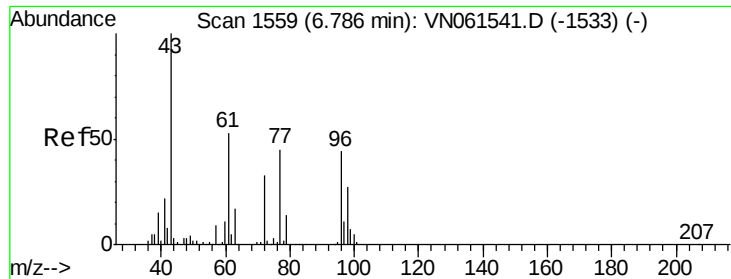
Tot Ion: 43 Resp: 229247
Ion Ratio Lower Upper
43 100
74 29.0 23.2 34.8



#20
Methylene Chloride
Concen: 67.699 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 84 Resp: 219243
Ion Ratio Lower Upper
84 100
49 102.7 85.8 128.8
51 30.4 26.2 39.2
86 62.7 52.6 78.8

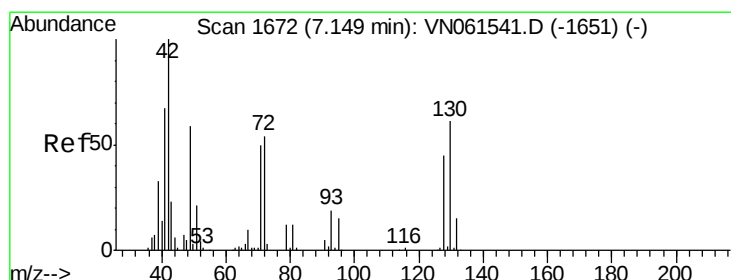
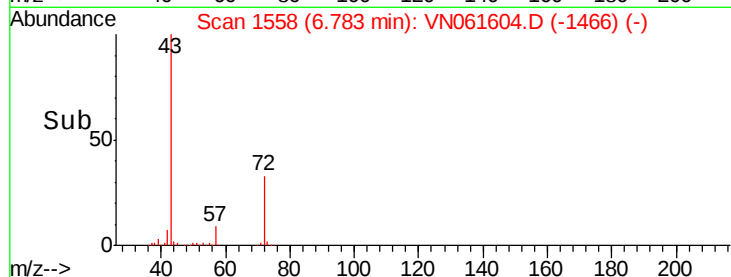
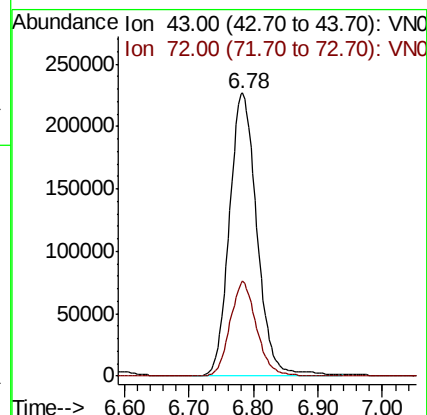
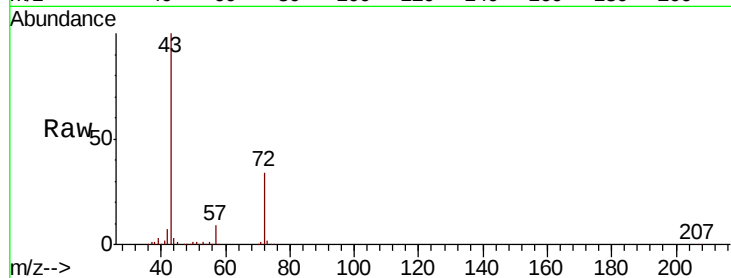




#25
2-Butanone
Concen: 393.018 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

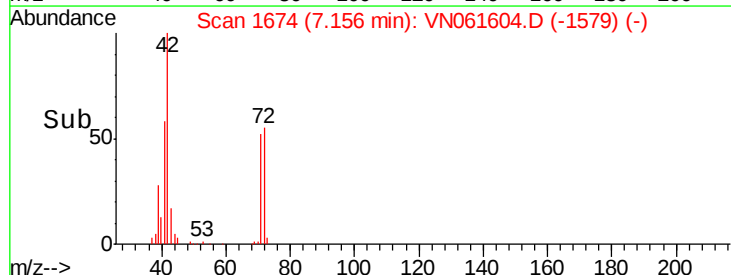
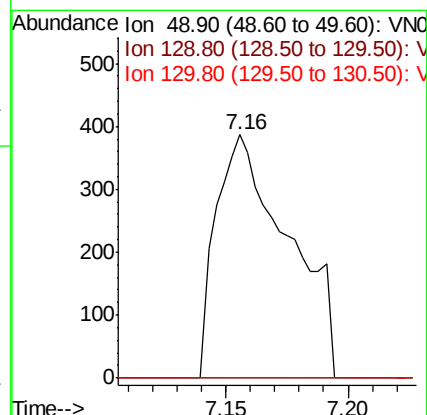
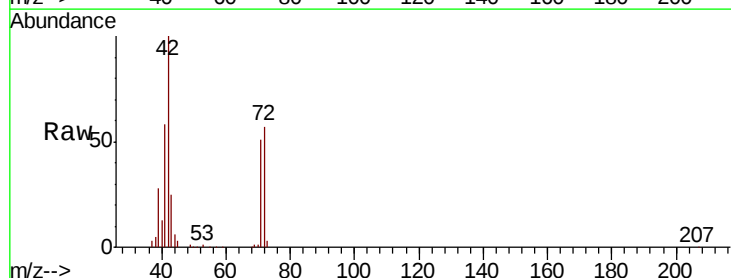
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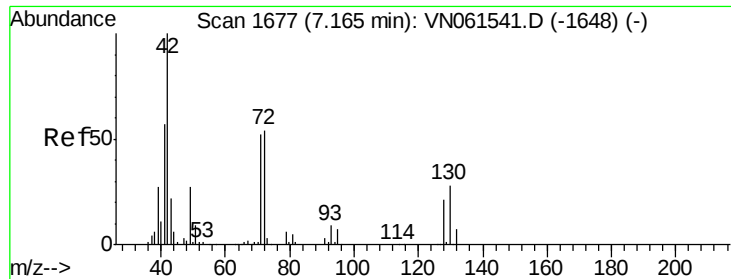
Tot Ion: 43 Resp: 669753
Ion Ratio Lower Upper
43 100
72 33.6 26.0 39.0



#28
Bromochloromethane
Concen: Below Cal
RT: 7.16 min Scan# 1674
Delta R.T. 0.01 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 49 Resp: 794
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 78.8 118.2#

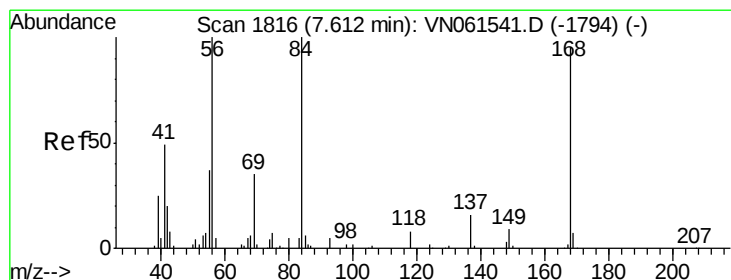
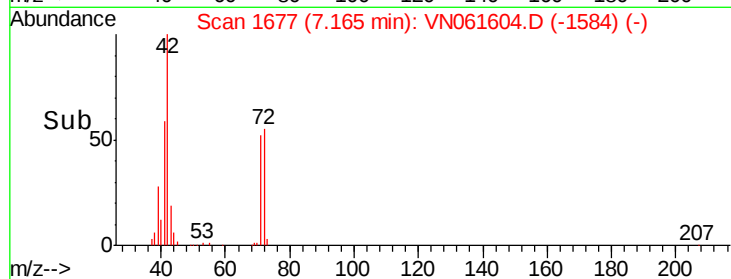
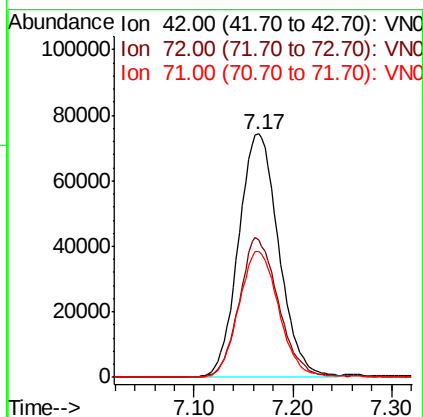
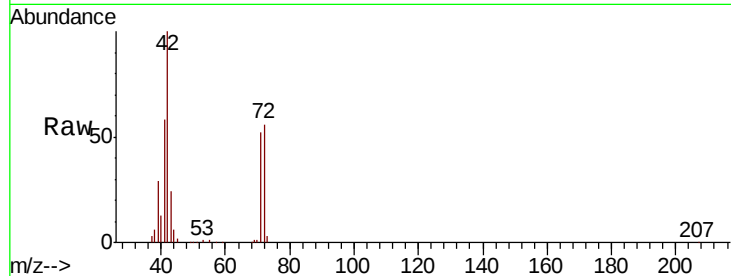




#29
Tetrahydrofuran
Concen: 186.998 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

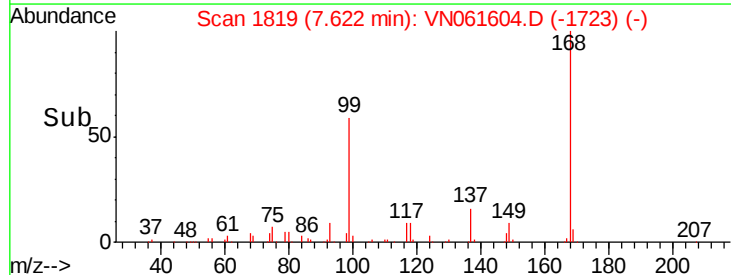
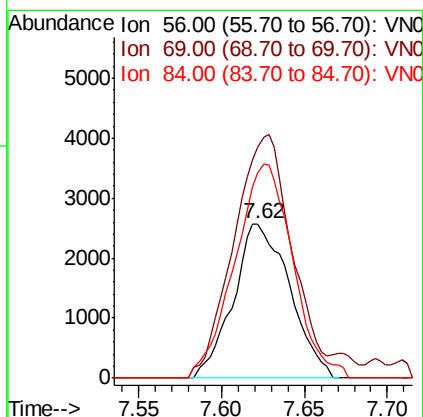
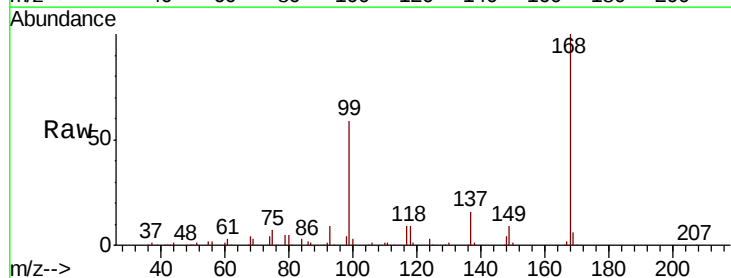
Instrument :
MSVOA_N
ClientSampleId :
C0AP7

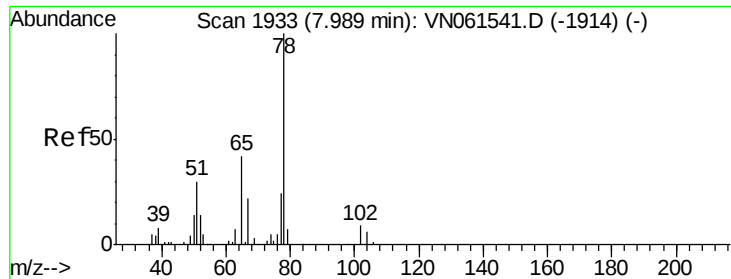
Tot Ion: 42 Resp: 210135
Ion Ratio Lower Upper
42 100
72 56.2 43.6 65.4
71 51.5 41.2 61.8



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 56 Resp: 6096
Ion Ratio Lower Upper
56 100
69 149.7 27.8 41.8#
84 133.4 79.9 119.9#

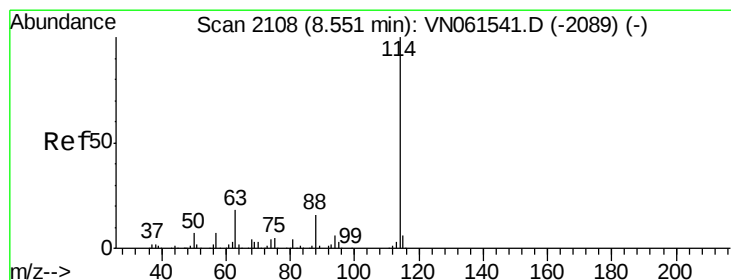
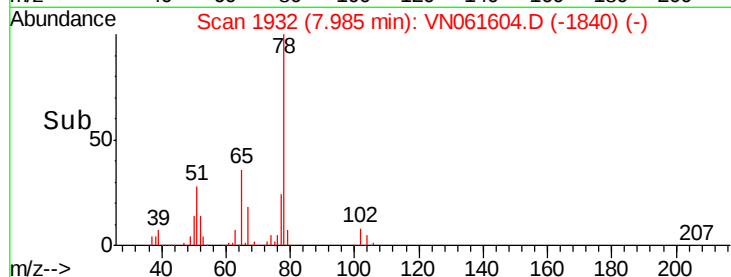
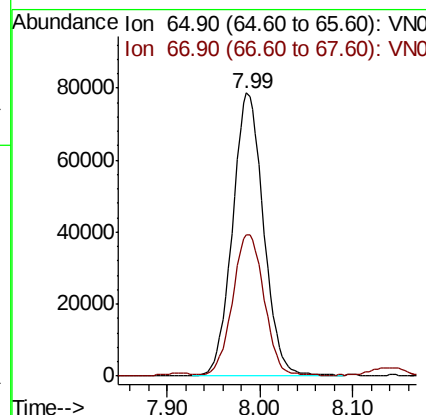
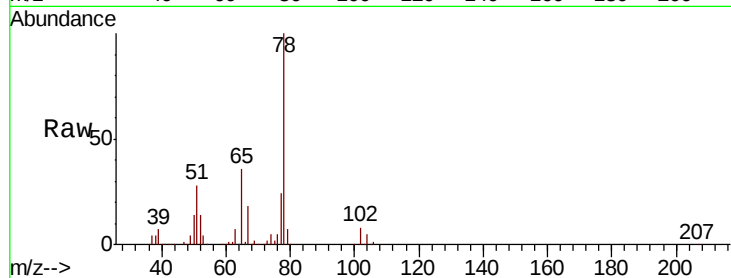




#33
 1,2-Dichloroethane-d4
 Concen: 50.852 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

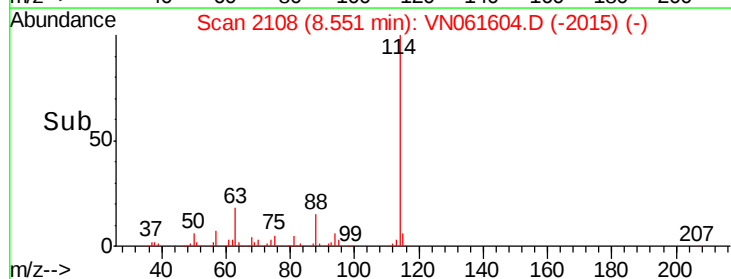
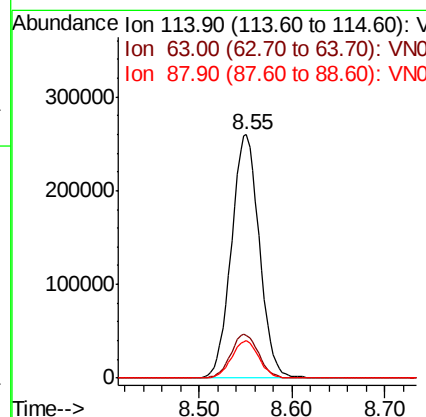
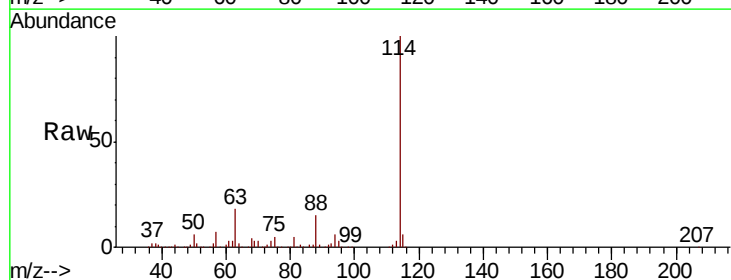
Instrument :
 MSVOA_N
 ClientSampleId :
 C0AP7

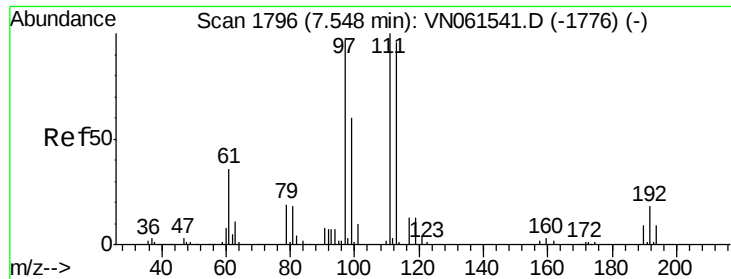
Tot Ion: 65 Resp: 182851
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

Tgt Ion: 114 Resp: 543084
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 15.2 0.0 31.0

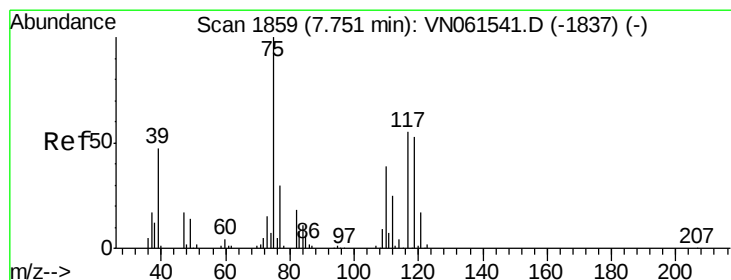
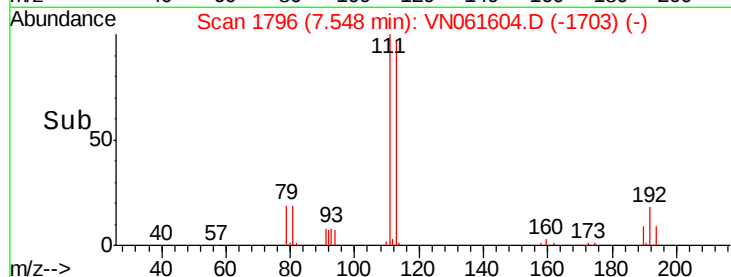
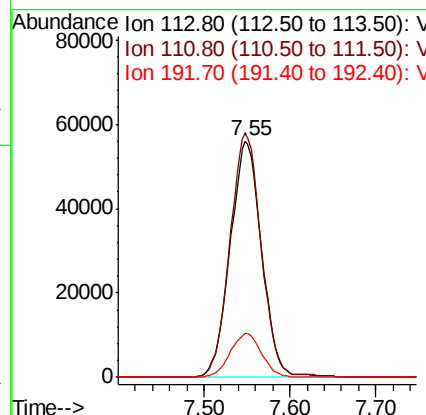
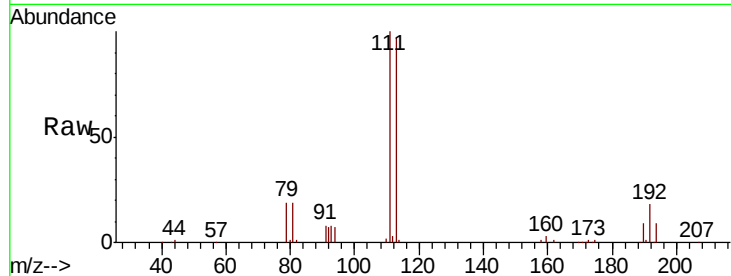




#35
 Dibromofluoromethane
 Concen: 51.634 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

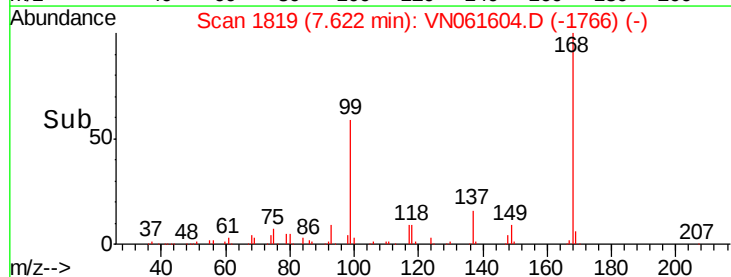
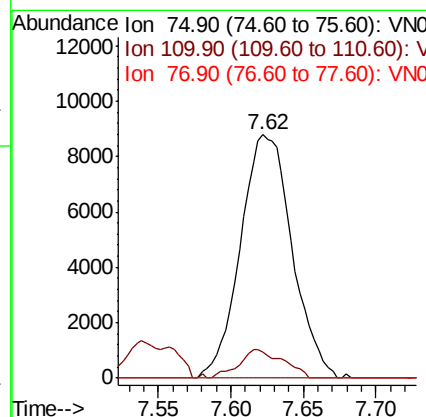
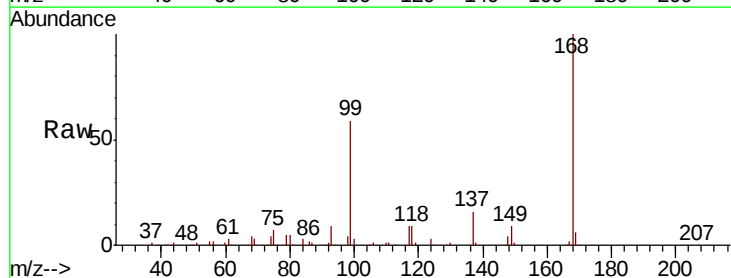
Instrument :
 MSVOA_N
 ClientSampleId :
 C0AP7

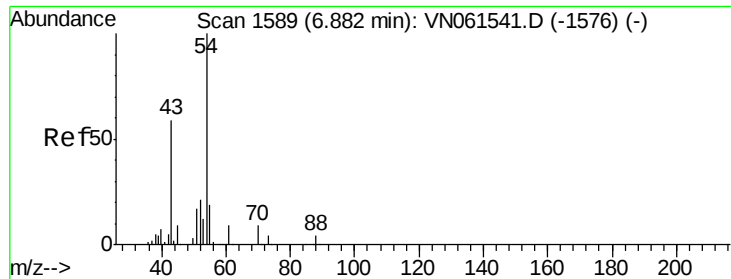
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.4	125.0
192	18.5	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.520 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.5	58.5#
77	0.0	24.7	37.1#

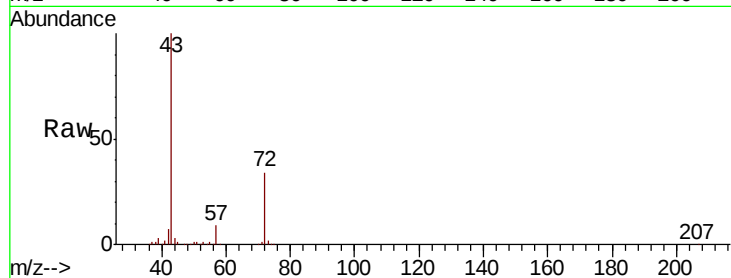




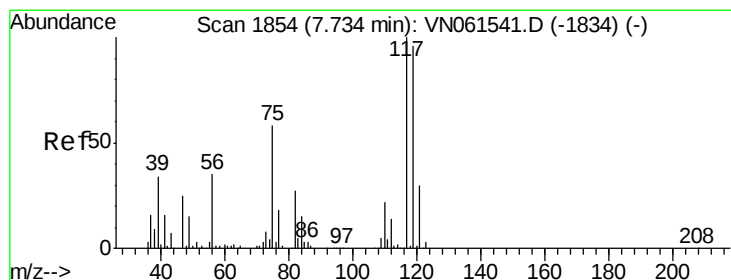
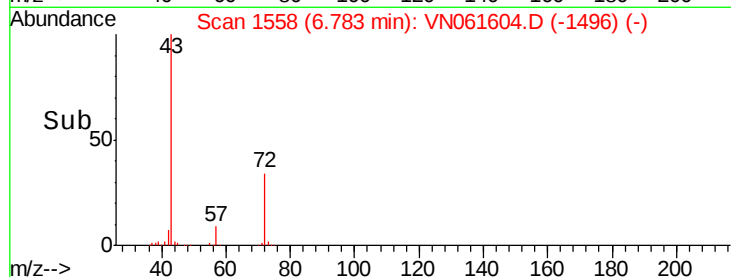
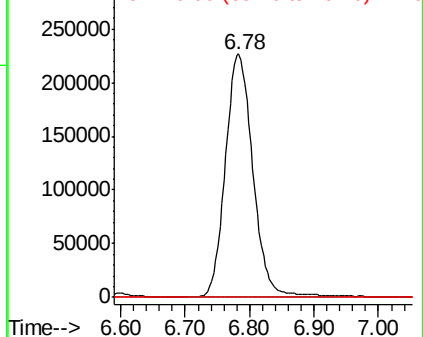
#37
Ethyl Acetate
Concen: 172.961 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tot Ion: 43 Resp: 669753
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#

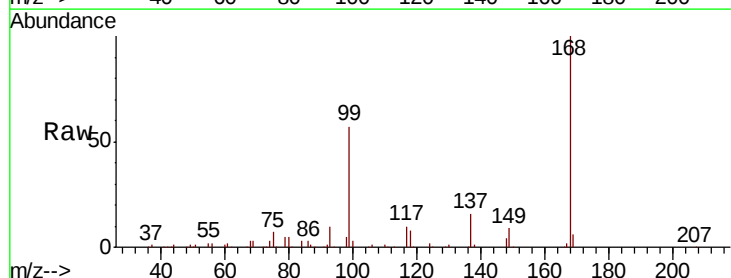


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

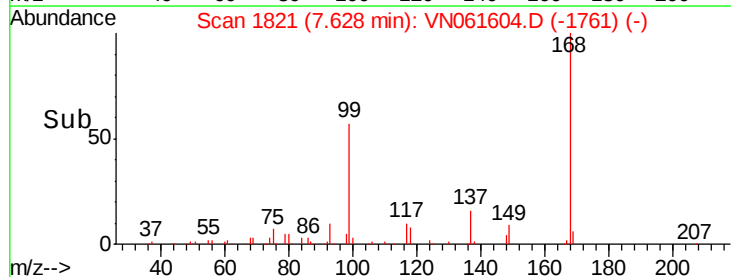
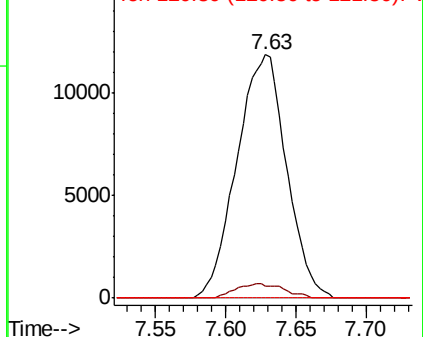


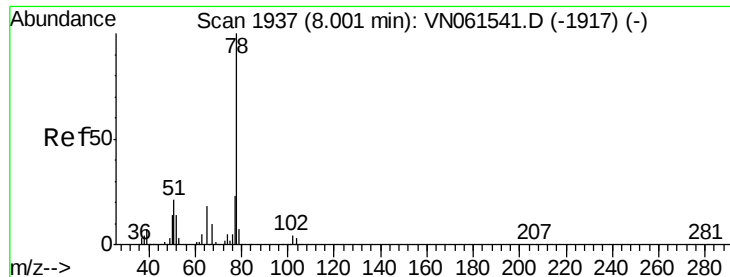
#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 117 Resp: 29141
Ion Ratio Lower Upper
117 100
119 5.2 76.5 114.7#
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 63.109 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

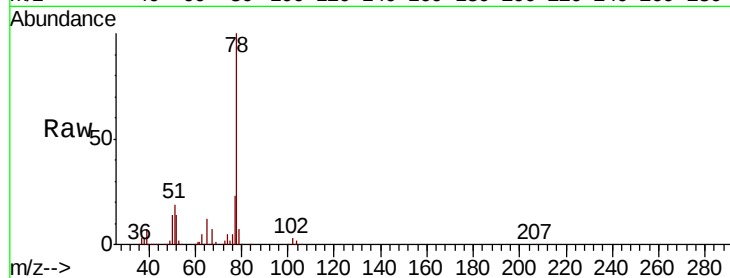
C0AP7

Tot Ion: 78 Resp: 936154

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN061541.D (-1917) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-1917) (-)

8.00

400000

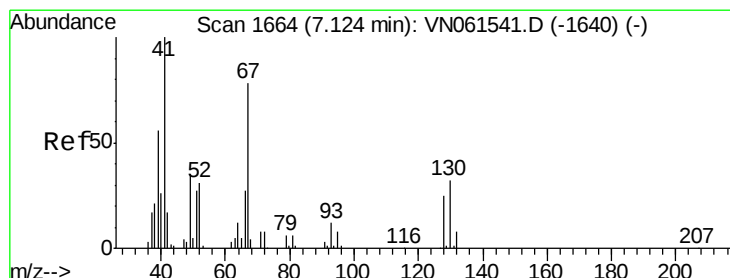
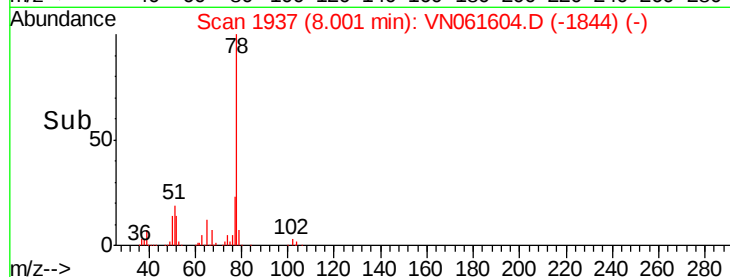
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 68.364 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.04 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Tgt Ion: 41 Resp: 121288

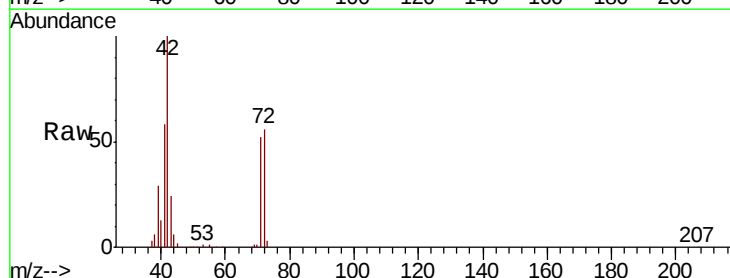
Ion Ratio Lower Upper

41 100

39 50.3 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): VN061541.D (-1640) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-1640) (-)

Ion 67.00 (66.70 to 67.70): VN061541.D (-1640) (-)

Ion 52.00 (51.70 to 52.70): VN061541.D (-1640) (-)

7.17

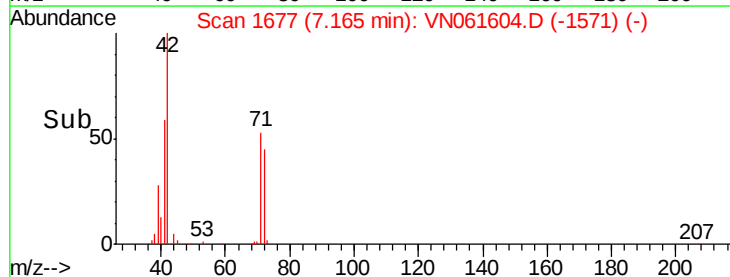
60000

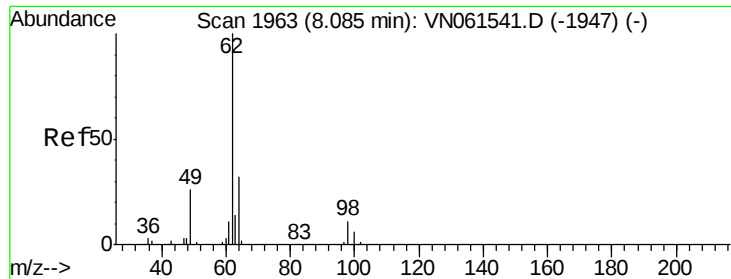
40000

20000

0

Time-->





#42

1,2-Dichloroethane

Concen: 1.515 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.08 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

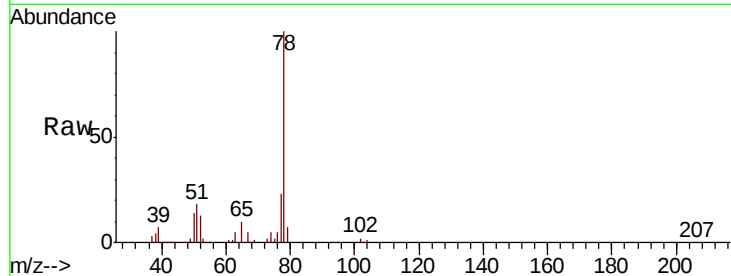
C0AP7

Tot Ion: 62 Resp: 7524

Ion Ratio Lower Upper

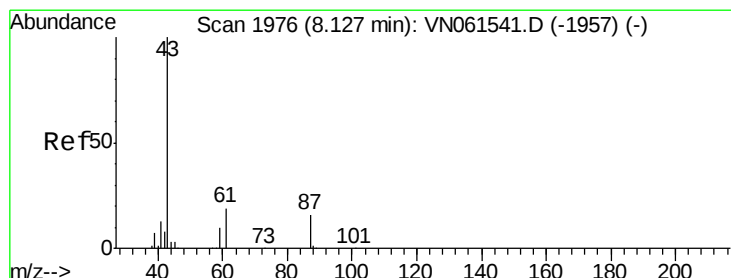
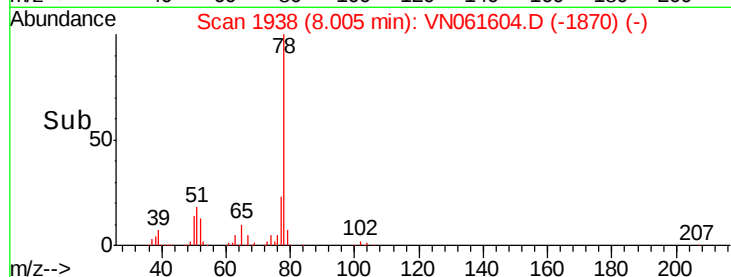
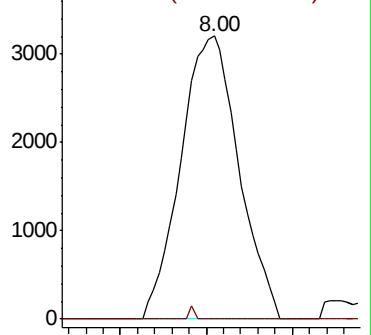
62 100

98 0.4 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 7.683 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

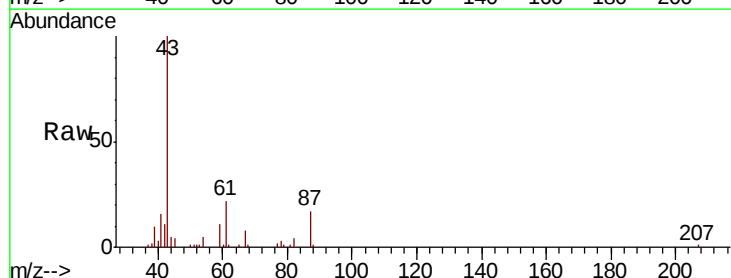
Tgt Ion: 43 Resp: 53525

Ion Ratio Lower Upper

43 100

61 21.7 23.6 35.4#

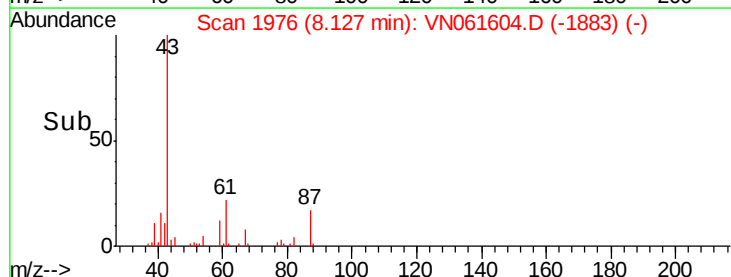
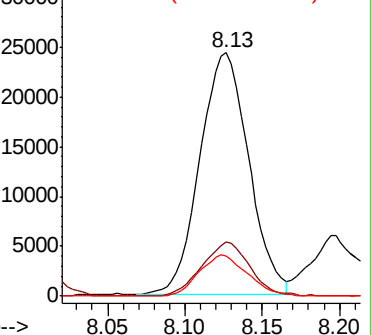
87 16.7 13.0 19.6

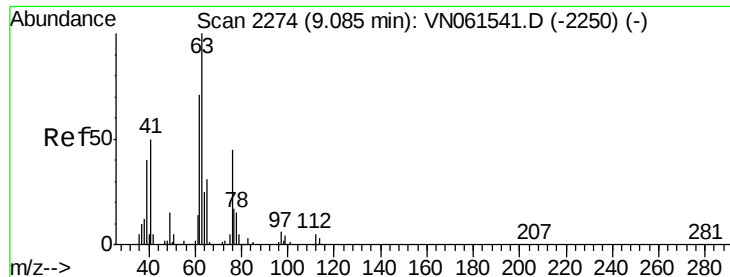


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.757 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. 0.01 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

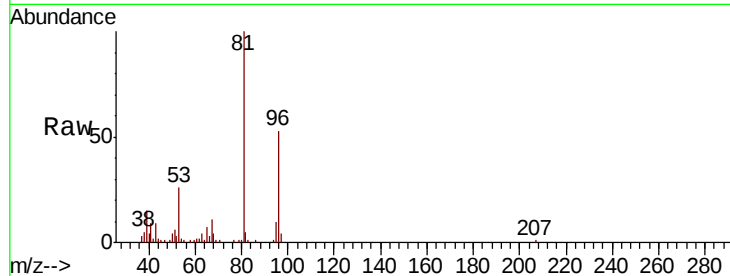
C0AP7

Tot Ion: 63 Resp: 2667

Ion Ratio Lower Upper

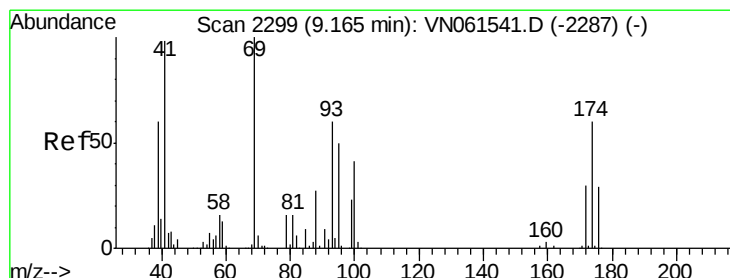
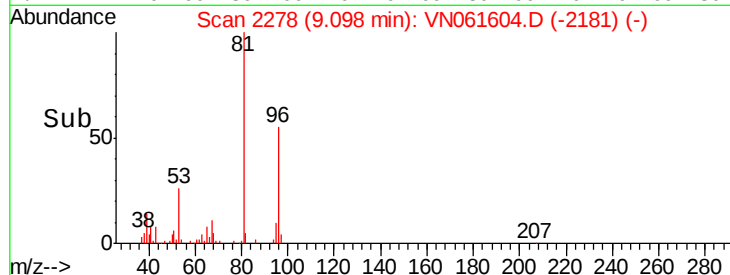
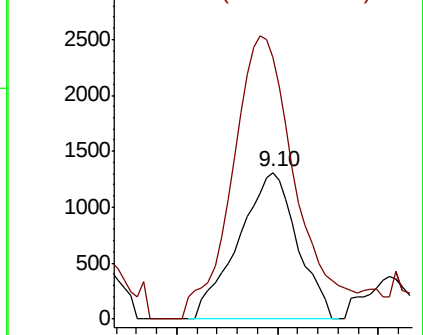
63 100

65 163.3 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 7.025 ug/l

RT: 9.16 min Scan# 2296

Delta R.T. -0.01 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

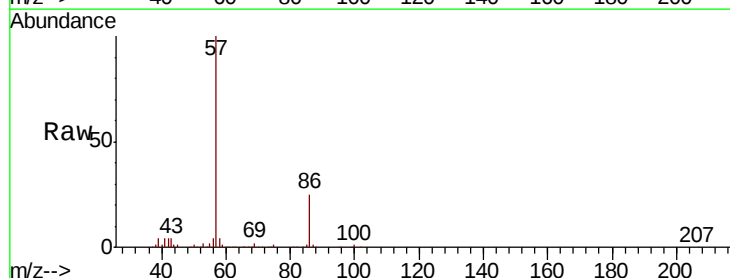
Tgt Ion: 41 Resp: 22018

Ion Ratio Lower Upper

41 100

69 37.0 83.9 125.9#

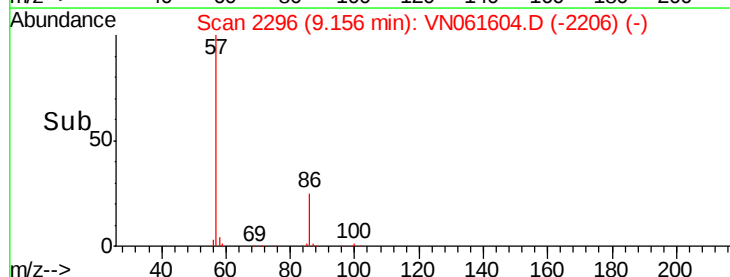
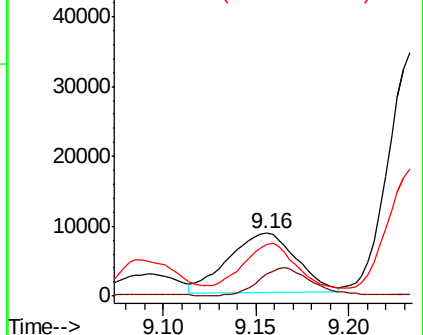
39 71.4 52.1 78.1

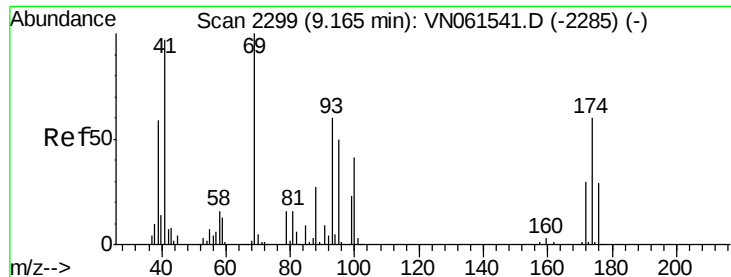


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 8.258 ug/l

RT: 9.15 min Scan# 2294

Delta R.T. -0.02 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

C0AP7

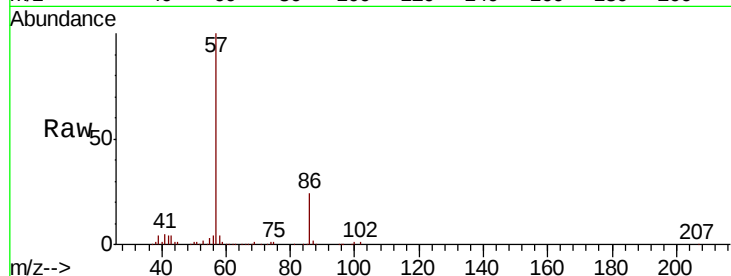
Tot Ion: 88 Resp: 401

Ion Ratio Lower Upper

88 100

43 0.0 23.1 34.7#

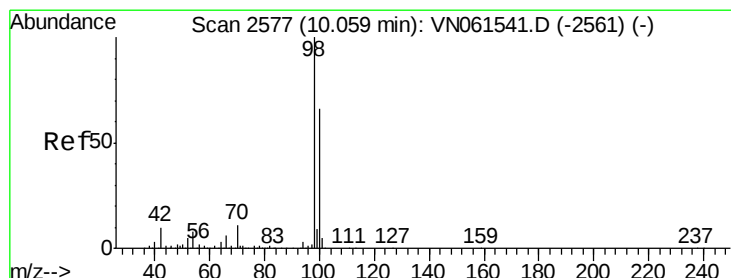
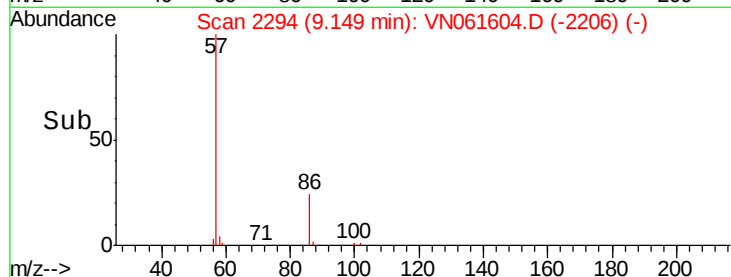
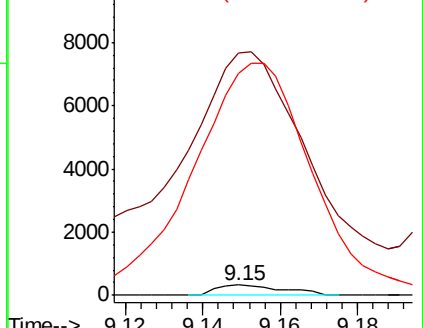
58 3868.6 48.3 72.5#



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: 53.201 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061604.D

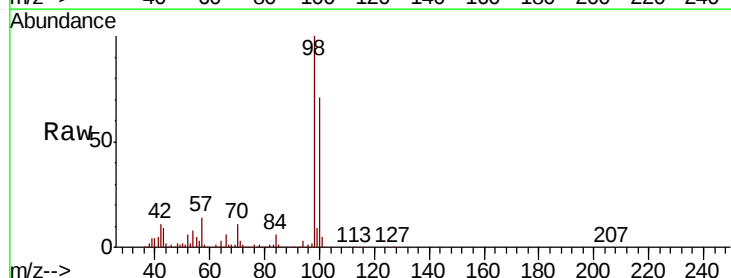
Acq: 1 Jun 2020 18:53

Tgt Ion: 98 Resp: 679216

Ion Ratio Lower Upper

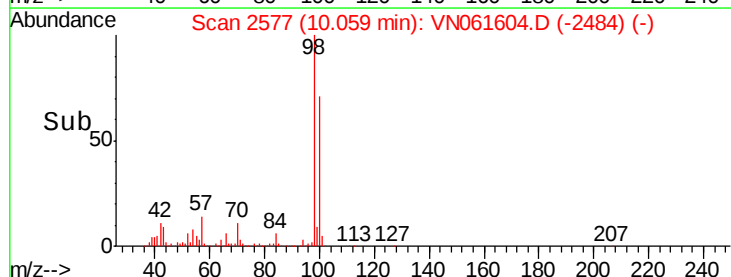
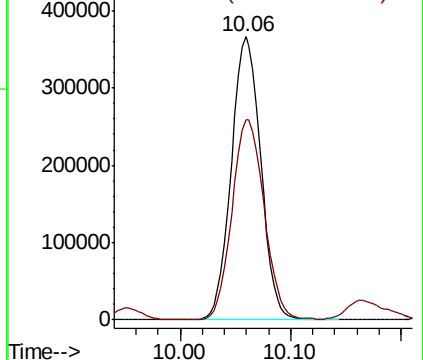
98 100

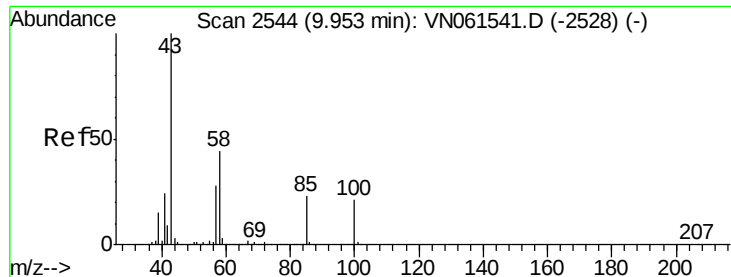
100 77.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

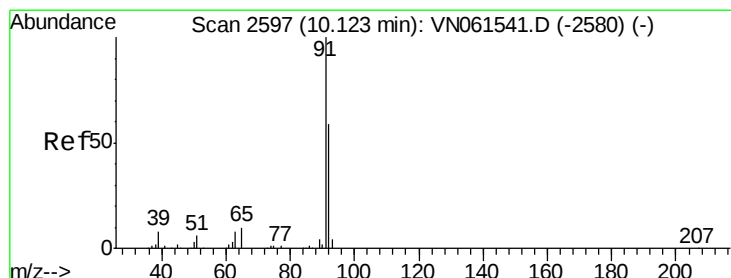
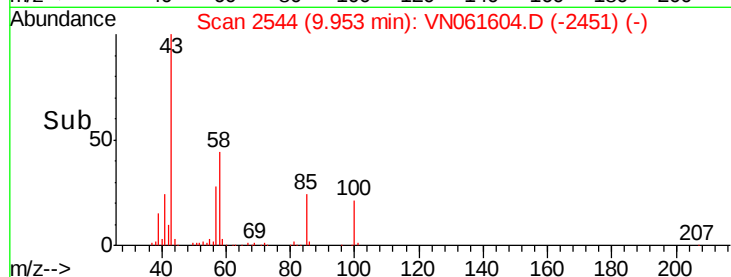
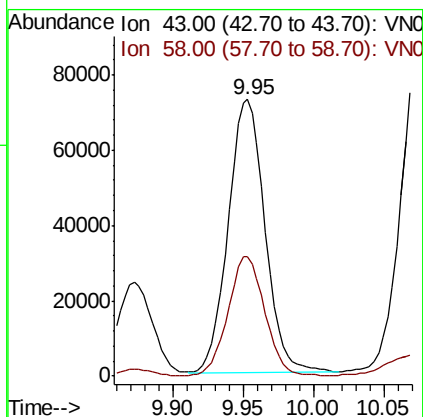
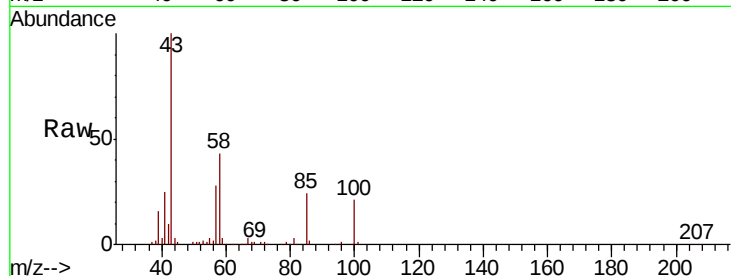




#51
 4-Methyl-2-Pentanone
 Concen: 33.787 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

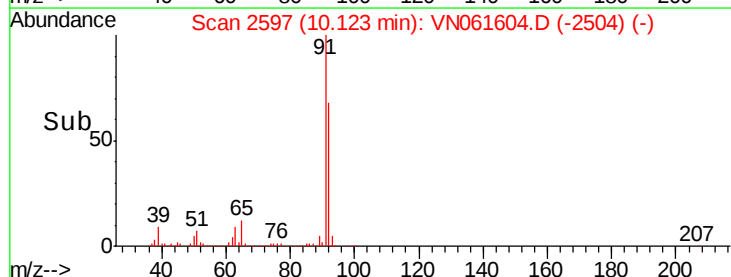
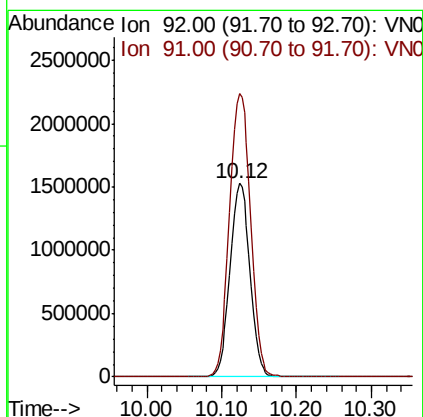
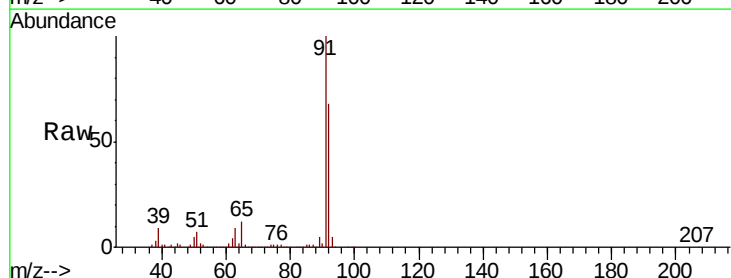
Instrument :
 MSVOA_N
 ClientSampled :
 C0AP7

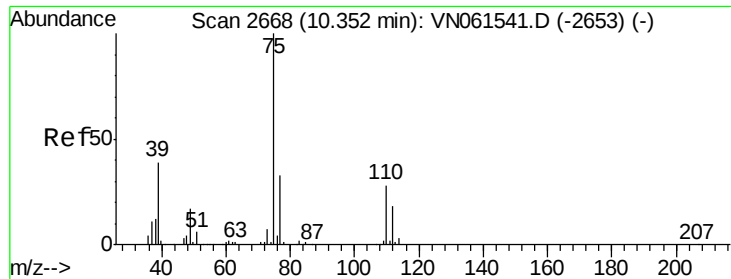
Tot Ion: 43 Resp: 132644
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.0 52.6



#52
 Toluene
 Concen: 290.982 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

Tgt Ion: 92 Resp: 2817272
 Ion Ratio Lower Upper
 92 100
 91 155.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 0.505 ug/l

RT: 10.28 min Scan# 2645

Delta R.T. -0.07 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

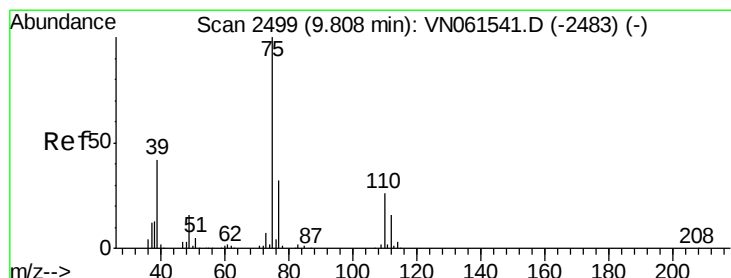
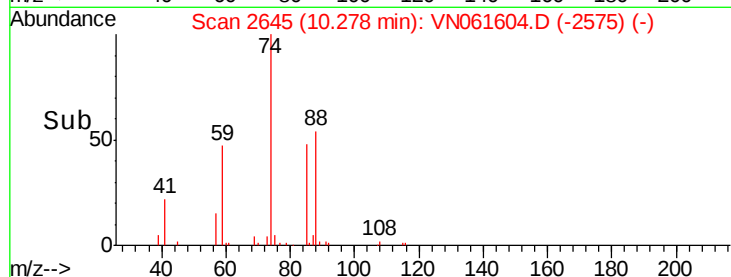
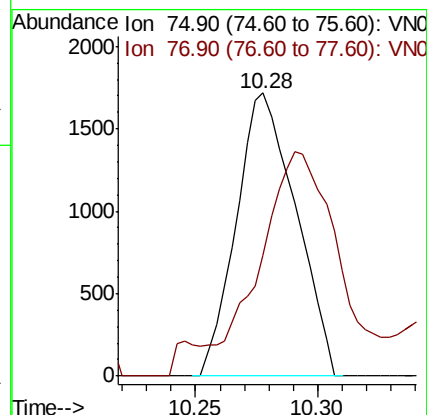
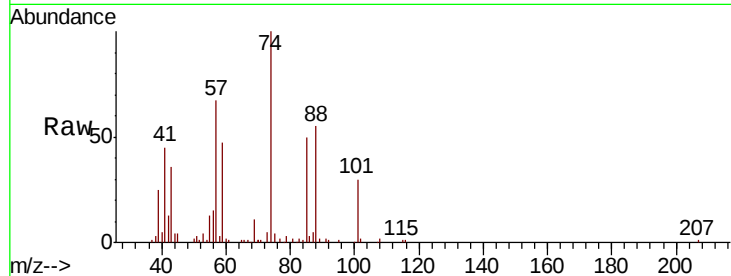
C0AP7

Tot Ion: 75 Resp: 2909

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 4.115 ug/l

RT: 9.87 min Scan# 2519

Delta R.T. 0.06 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

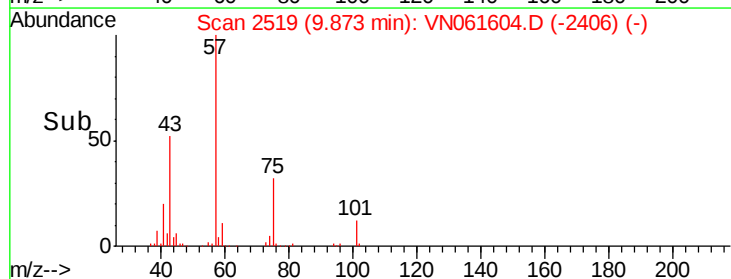
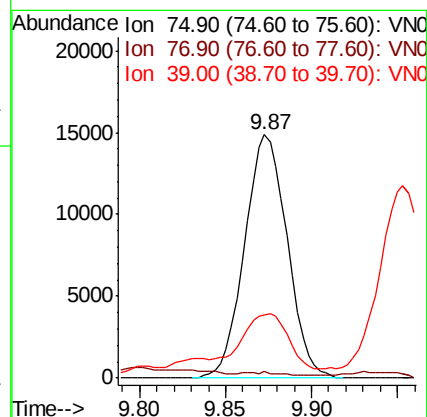
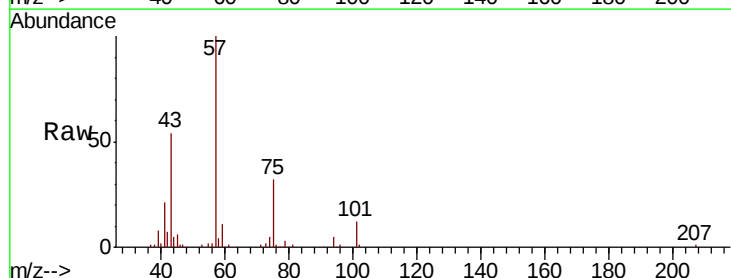
Tgt Ion: 75 Resp: 25511

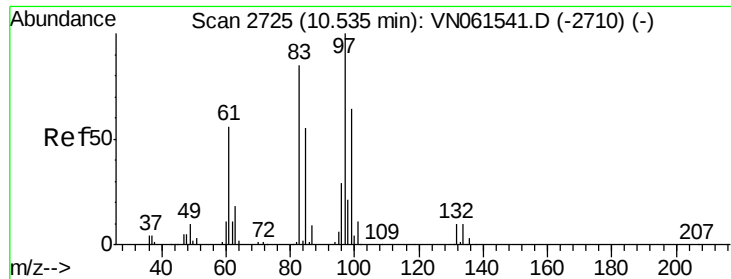
Ion Ratio Lower Upper

75 100

77 1.1 25.4 38.2#

39 21.9 33.8 50.6#

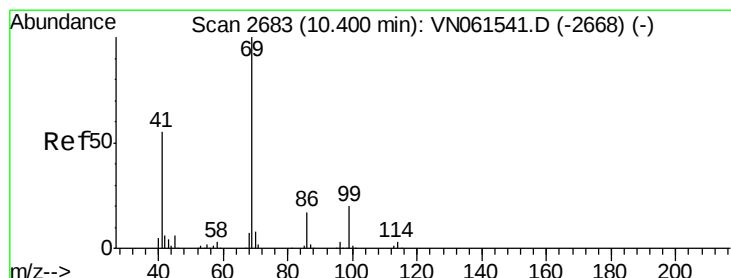
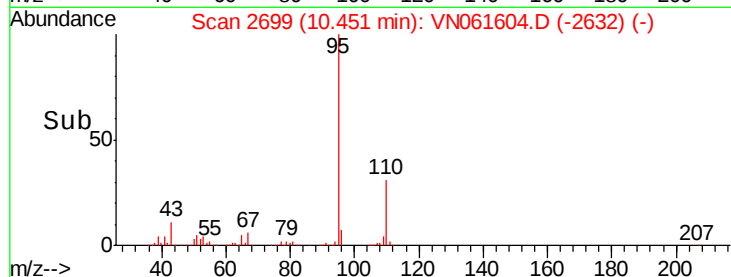
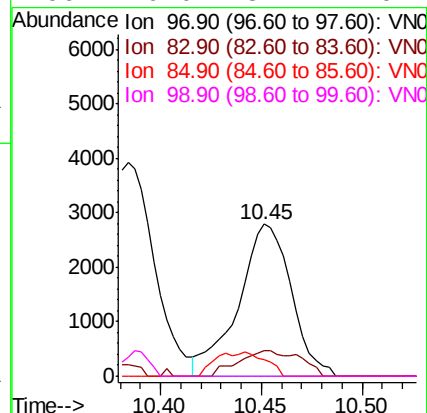
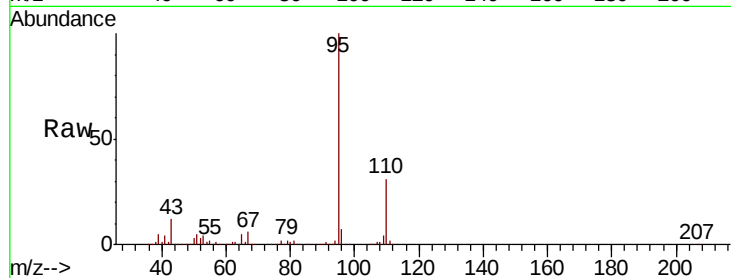




#55
 1,1,2-Trichloroethane
 Concen: 1.324 ug/l
 RT: 10.45 min Scan# 2699
 Delta R.T. -0.08 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

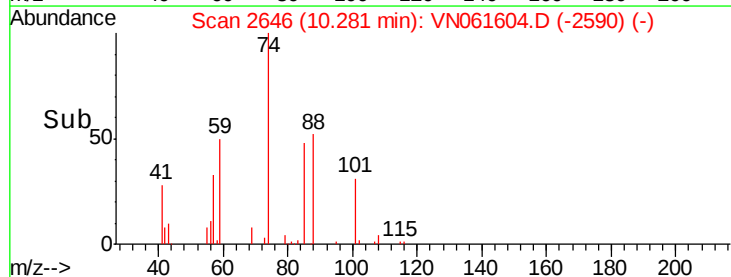
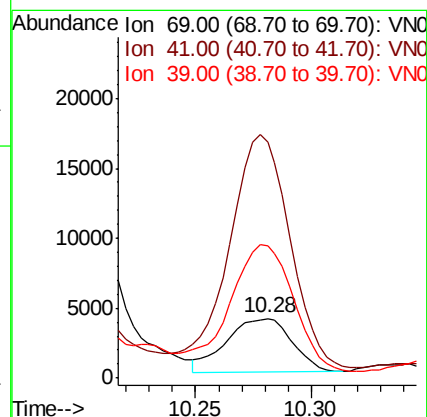
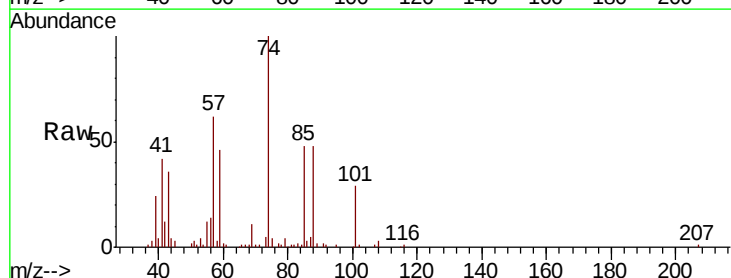
Instrument :
 MSVOA_N
 ClientSampleId :
 C0AP7

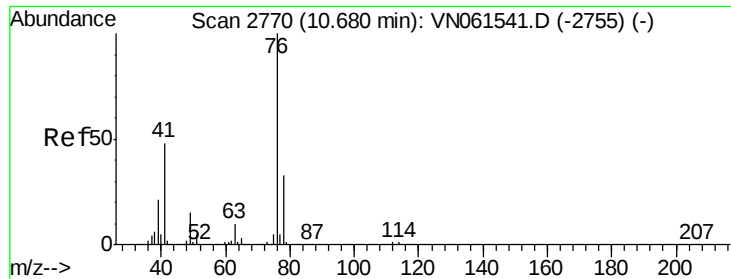
Tot Ion: 97 Resp: 5108
 Ion Ratio Lower Upper
 97 100
 83 16.5 68.1 102.1#
 85 10.8 44.1 66.1#
 99 0.0 51.1 76.7#



#56
 Ethyl methacrylate
 Concen: 1.395 ug/l
 RT: 10.28 min Scan# 2646
 Delta R.T. -0.12 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

Tgt Ion: 69 Resp: 7519
 Ion Ratio Lower Upper
 69 100
 41 401.8 43.5 65.3#
 39 229.7 27.0 40.6#

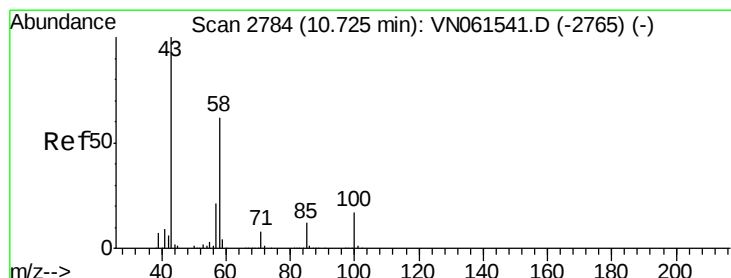
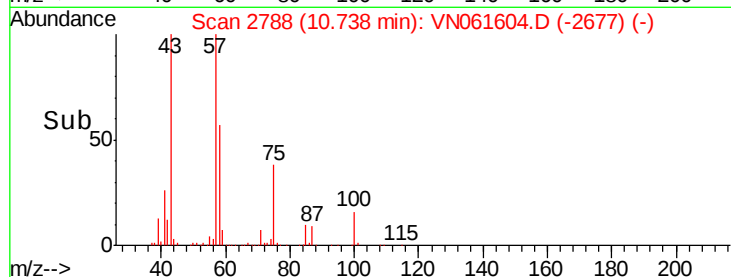
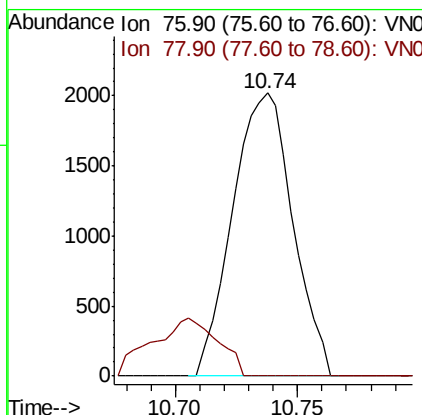
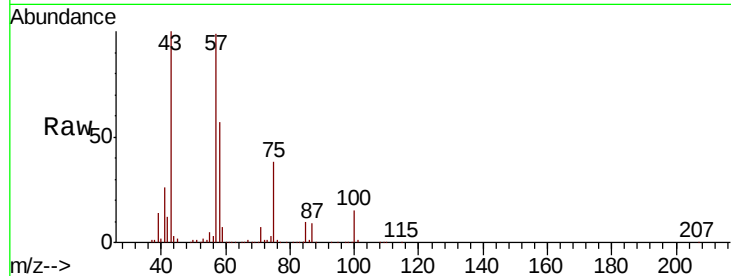




#57
 1,3-Dichloropropane
 Concen: 0.560 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.06 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

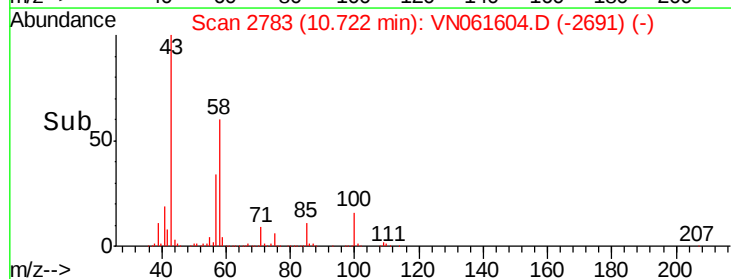
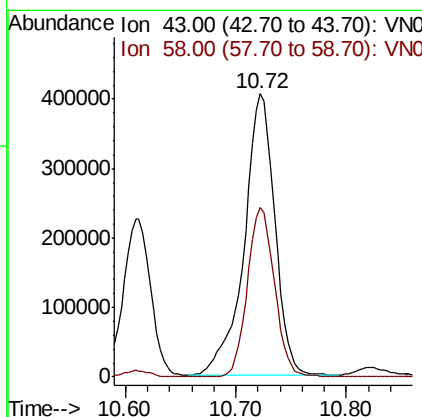
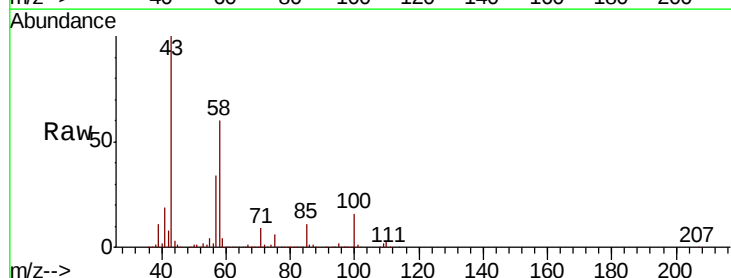
Instrument :
 MSVOA_N
 ClientSampleId :
 C0AP7

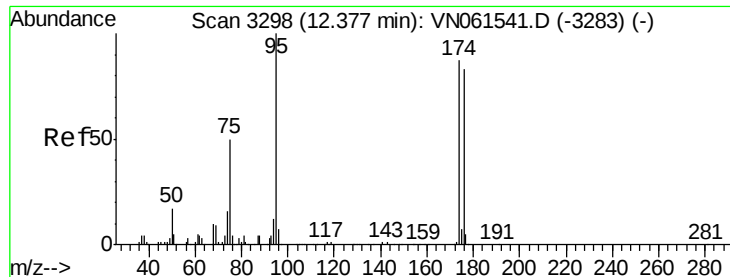
Tot Ion: 76 Resp: 3454
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#



#59
 2-Hexanone
 Concen: 277.087 ug/l
 RT: 10.72 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

Tgt Ion: 43 Resp: 781241
 Ion Ratio Lower Upper
 43 100
 58 53.4 30.7 92.1

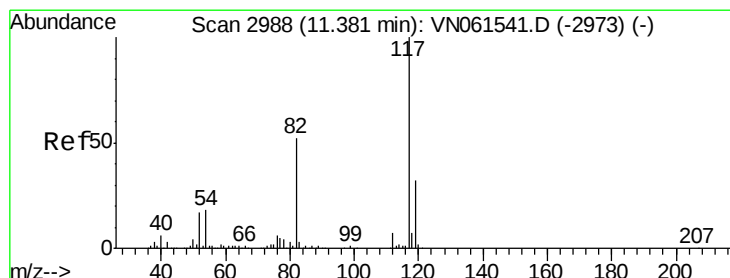
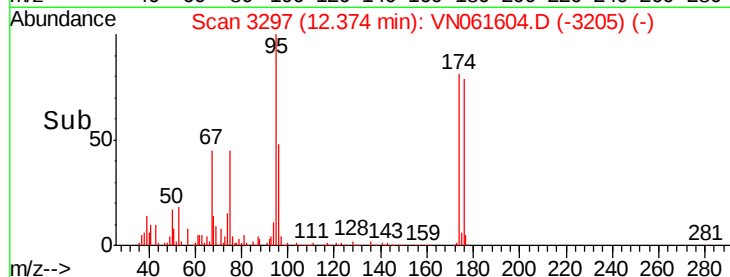
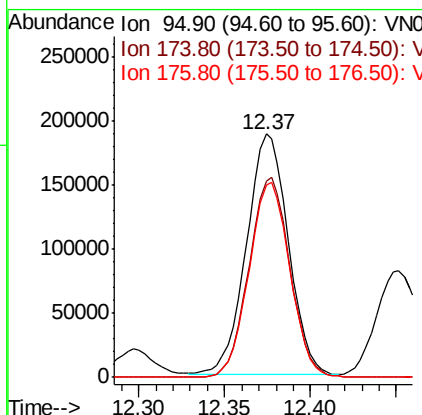
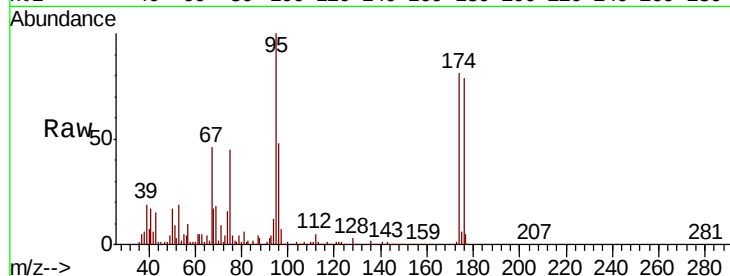




#62
4-Bromofluorobenzene
Concen: 67.878 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

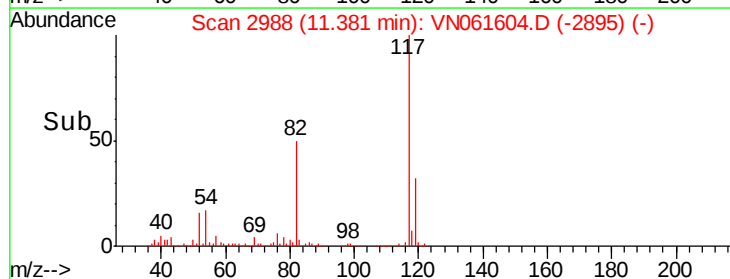
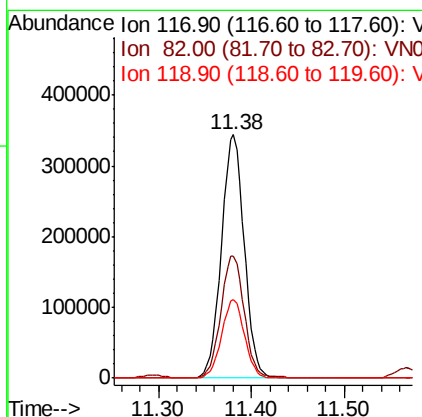
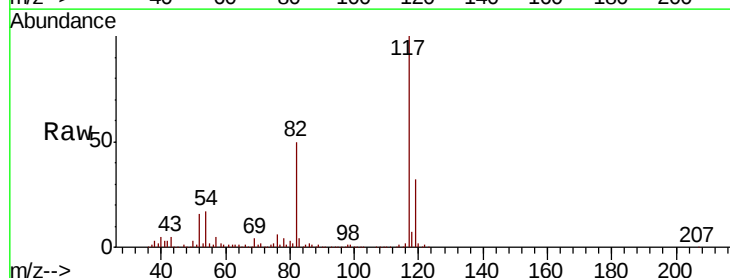
Instrument :
MSVOA_N
ClientSampleId :
C0AP7

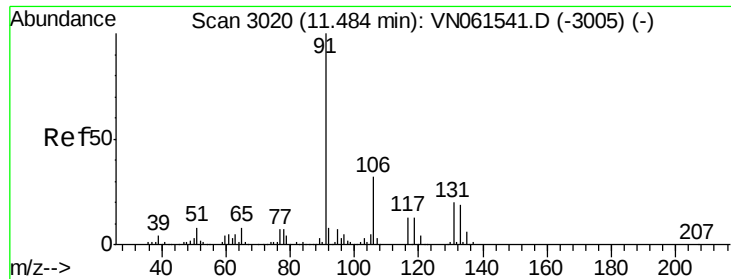
Tot Ion: 95 Resp: 316164
Ion Ratio Lower Upper
95 100
174 81.8 0.0 172.8
176 79.4 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 117 Resp: 586787
Ion Ratio Lower Upper
117 100
82 50.2 41.5 62.3
119 32.3 25.6 38.4

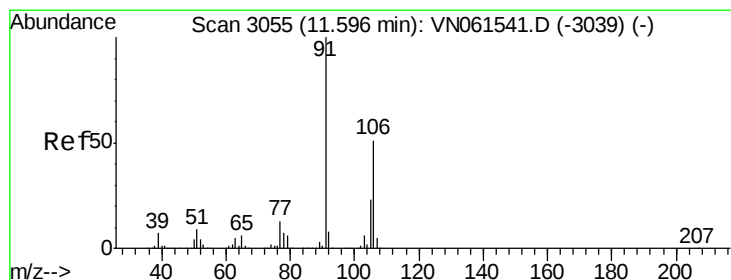
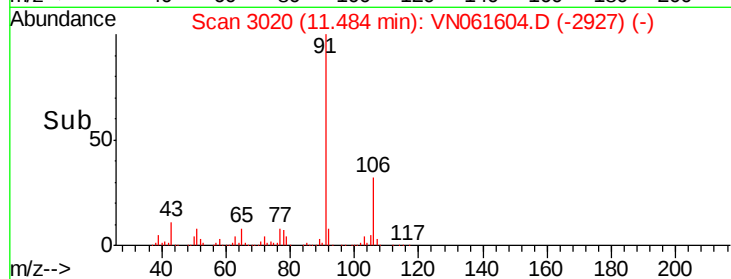
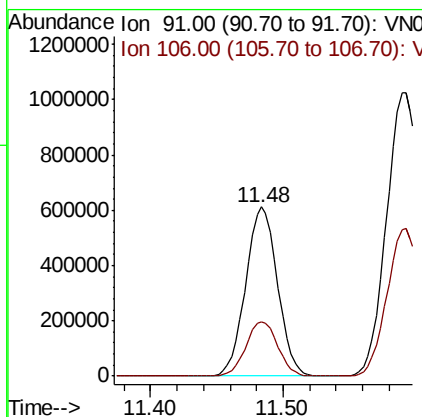
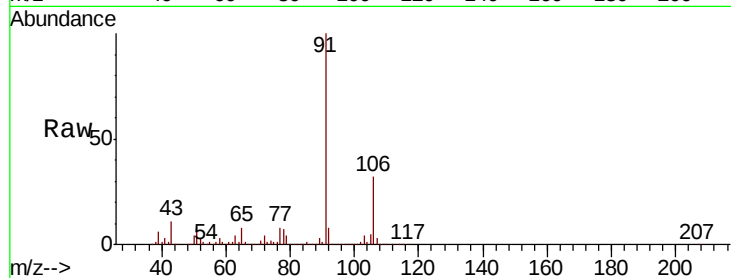




#67
Ethyl Benzene
Concen: 48.219 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

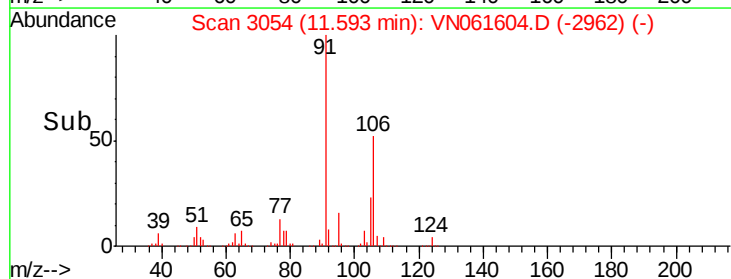
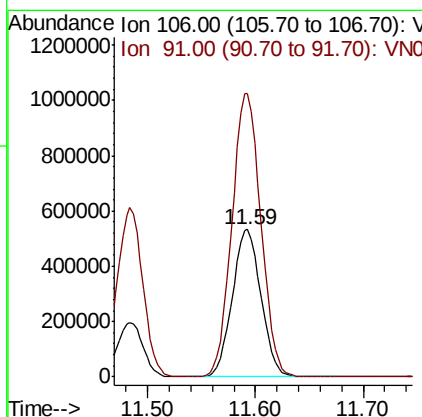
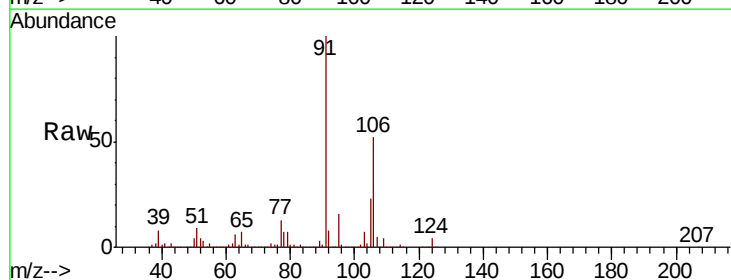
Instrument :
MSVOA_N
ClientSampleId :
C0AP7

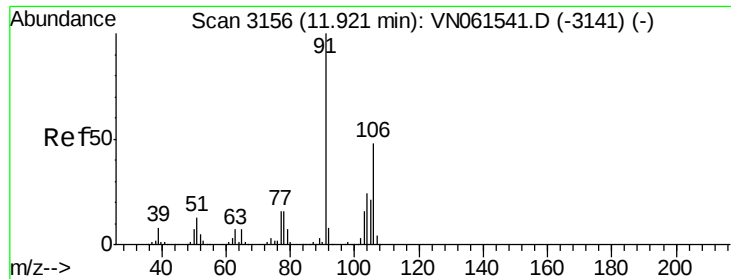
Tot Ion: 91 Resp: 1016524
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4



#68
m/p-Xylenes
Concen: 117.949 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 106 Resp: 985925
Ion Ratio Lower Upper
106 100
91 194.2 156.2 234.4

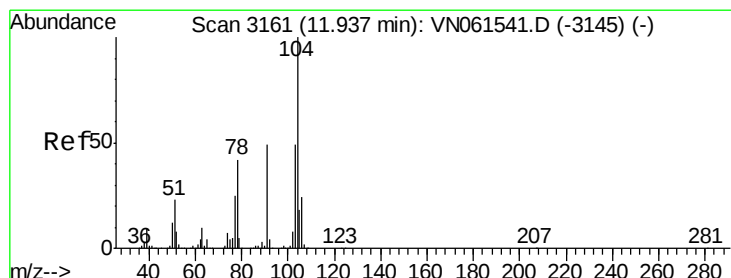
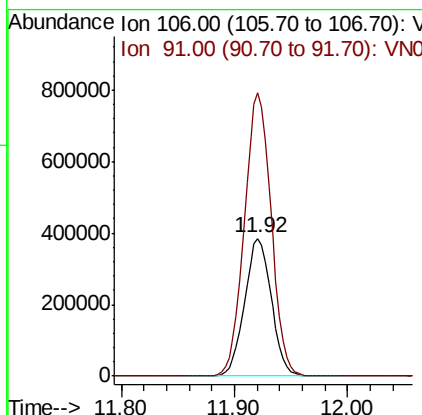
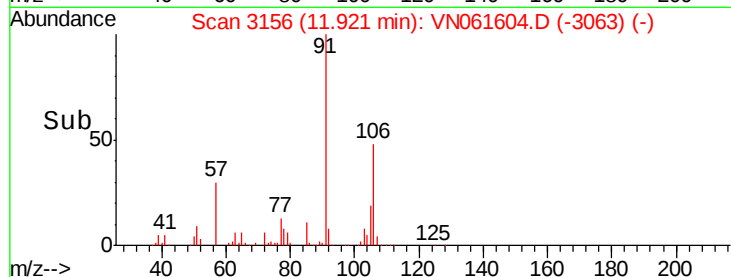
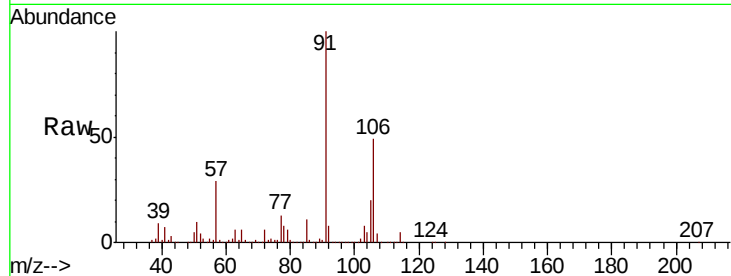




#69
o-Xylene
Concen: 79.861 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

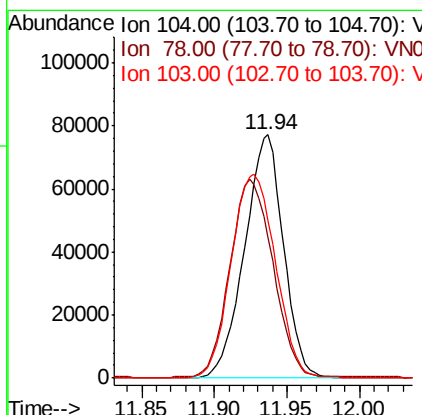
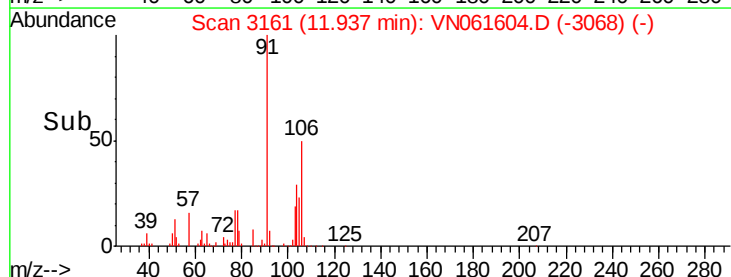
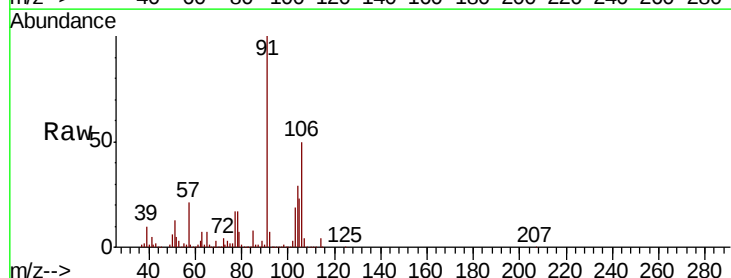
Instrument :
MSVOA_N
ClientSampled :
C0AP7

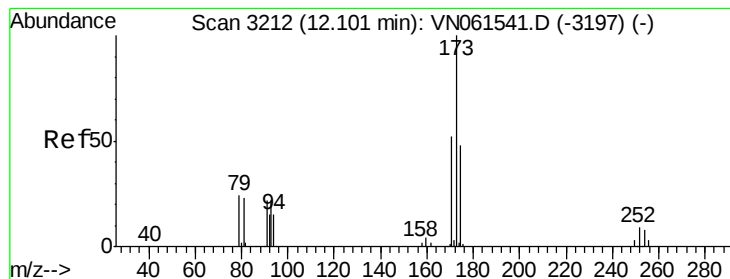
Tot Ion:106 Resp: 634040
Ion Ratio Lower Upper
106 100
91 205.7 103.3 309.8



#70
Styrene
Concen: 10.928 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion:104 Resp: 143672
Ion Ratio Lower Upper
104 100
78 91.2 37.4 56.0#
103 95.6 42.3 63.5#





#71

Bromoform

Concen: 0.737 ug/l

RT: 12.37 min Scan# 3296

Delta R.T. 0.27 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

C0AP7

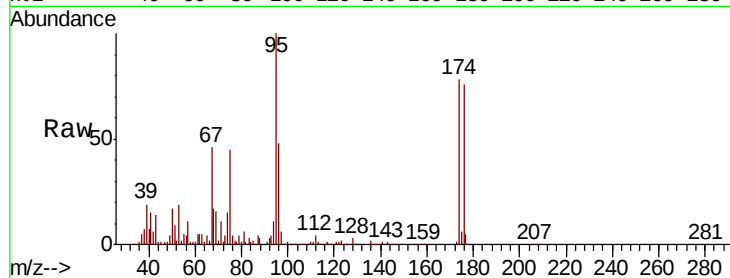
Tot Ion:173 Resp: 2579

Ion Ratio Lower Upper

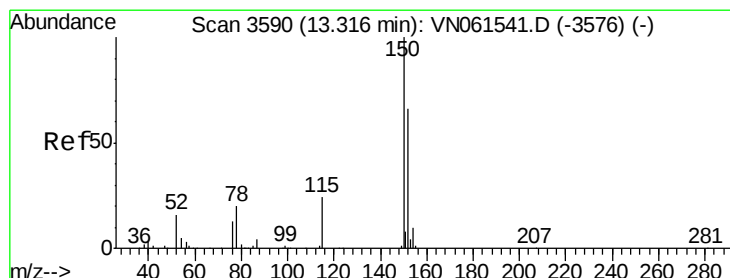
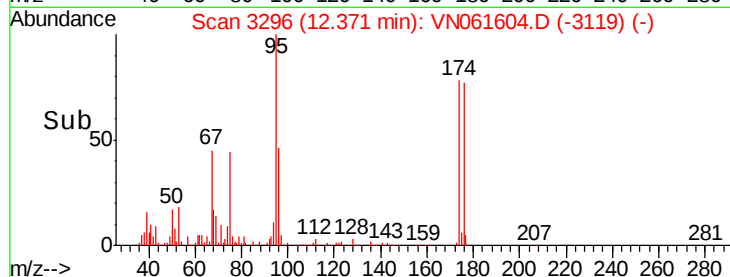
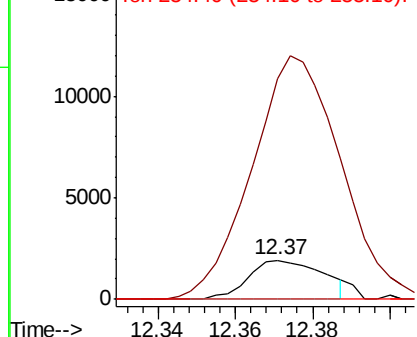
173 100

175 655.1 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# 3590

Delta R.T. -0.00 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

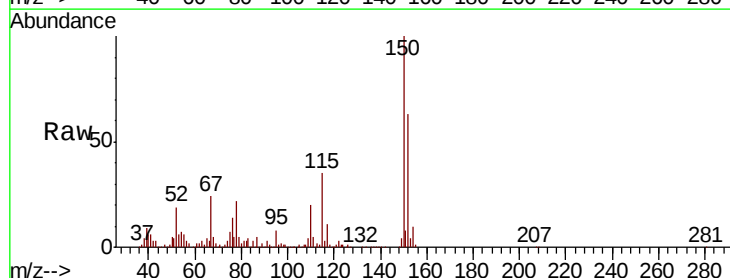
Tgt Ion:152 Resp: 334341

Ion Ratio Lower Upper

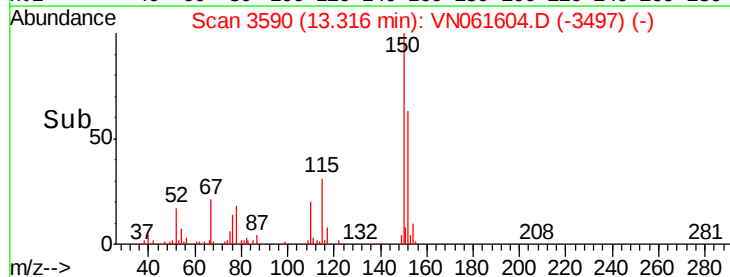
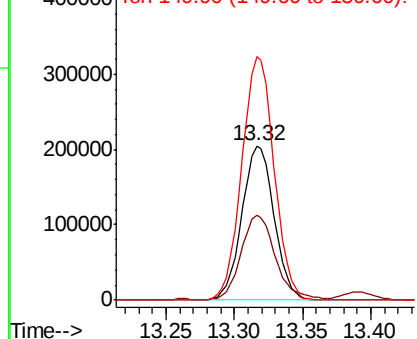
152 100

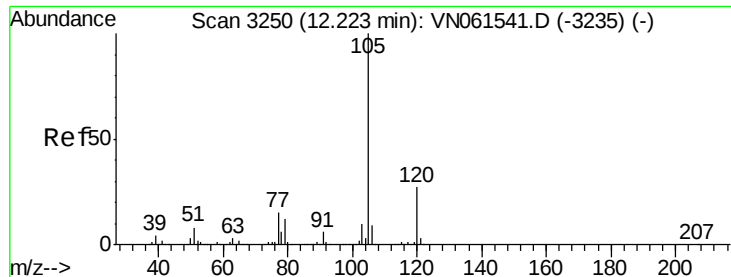
115 58.1 28.0 84.0

150 158.7 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





#73

Isopropylbenzene

Concen: 1.701 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

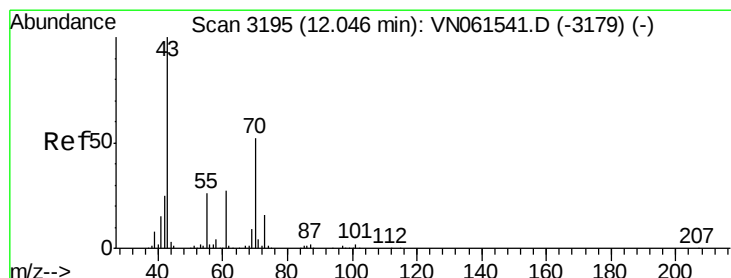
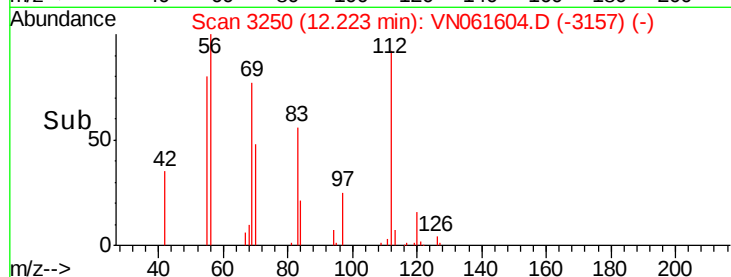
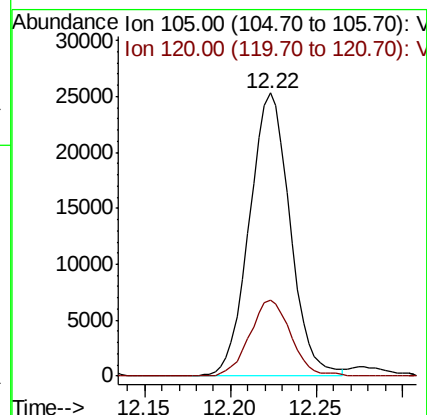
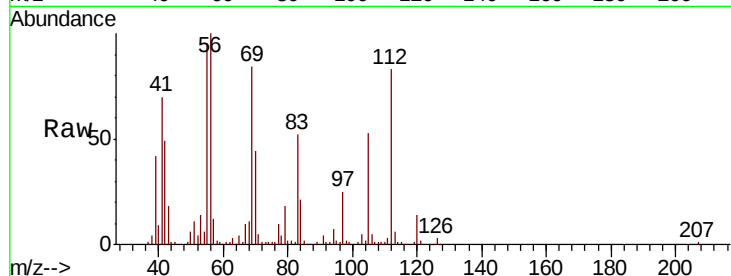
C0AP7

Tot Ion:105 Resp: 41500

Ion Ratio Lower Upper

105 100

120 27.1 13.8 41.3



#74

N-ethyl acetate

Concen: 75.961 ug/l

RT: 12.00 min Scan# 3181

Delta R.T. -0.05 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Tgt Ion: 43 Resp: 583753

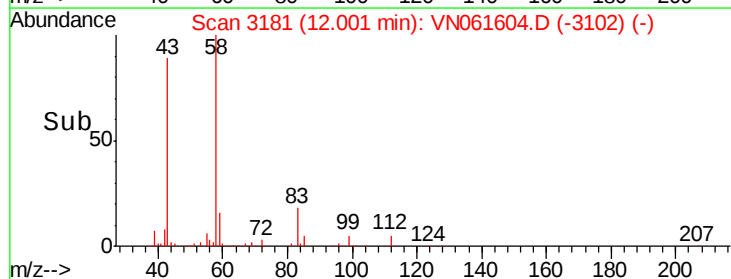
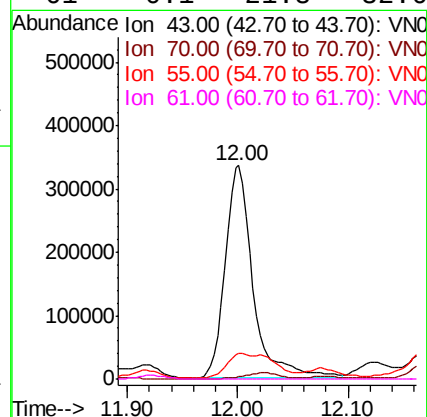
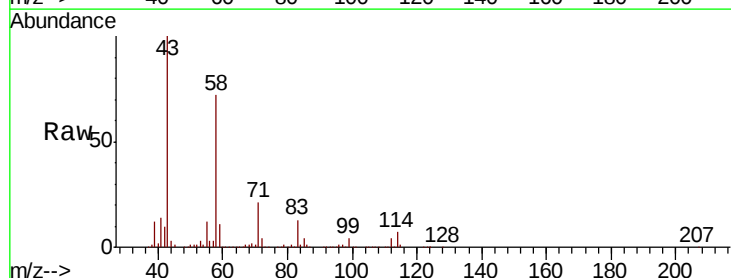
Ion Ratio Lower Upper

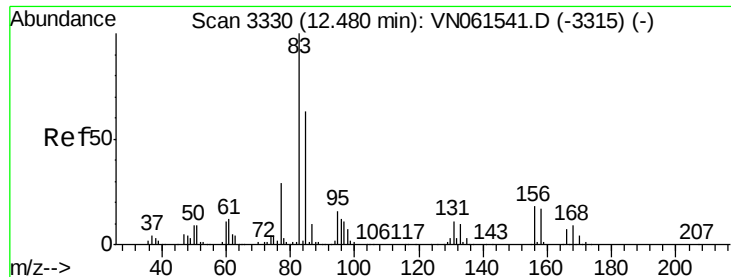
43 100

70 0.0 40.5 60.7#

55 10.7 20.6 31.0#

61 0.1 21.8 32.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.626 ug/l

RT: 12.49 min Scan# 3333

Delta R.T. 0.01 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampled :

C0AP7

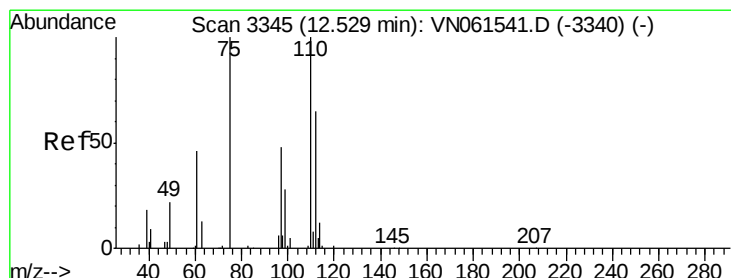
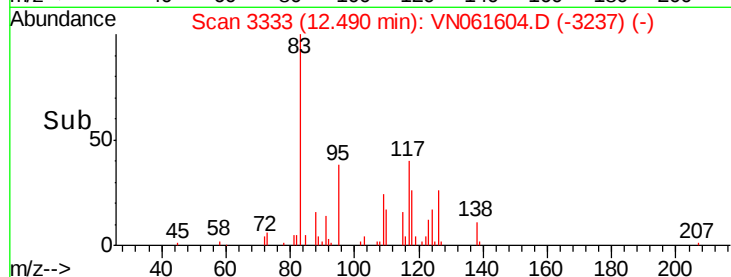
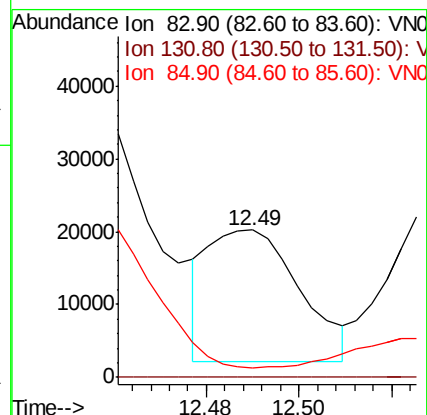
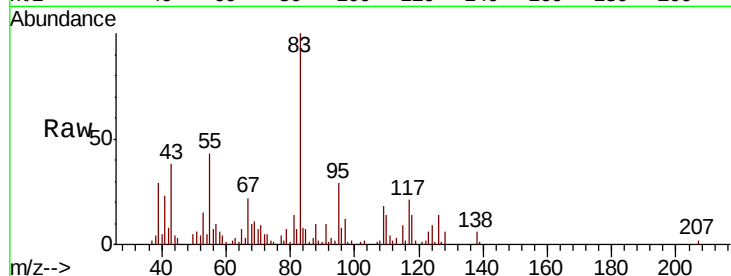
Tot Ion: 83 Resp: 24796

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

85 0.0 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 22.833 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061604.D

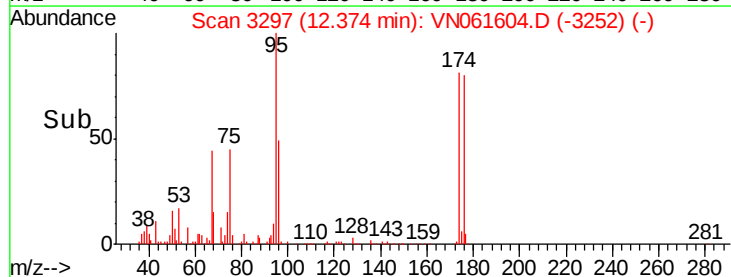
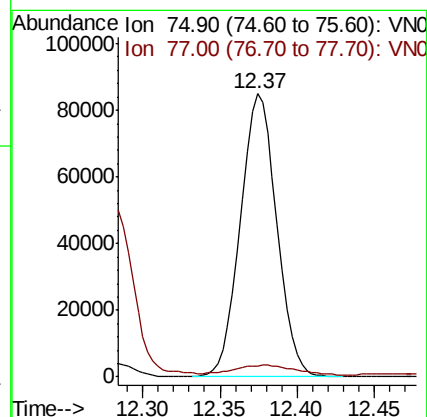
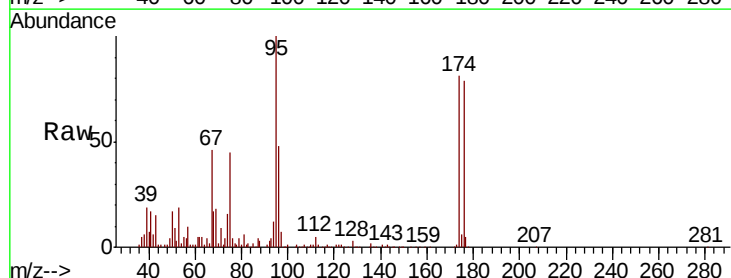
Acq: 1 Jun 2020 18:53

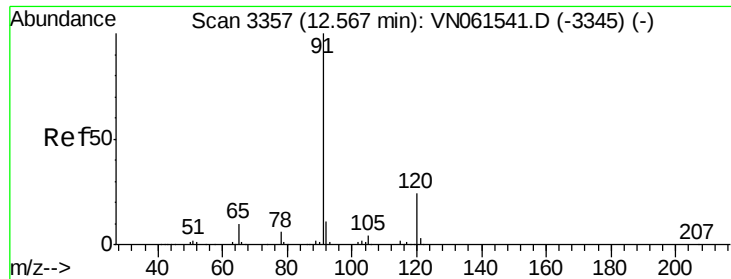
Tgt Ion: 75 Resp: 138815

Ion Ratio Lower Upper

75 100

77 5.8 0.0 0.0#





#78

n-propylbenzene

Concen: 4.914 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

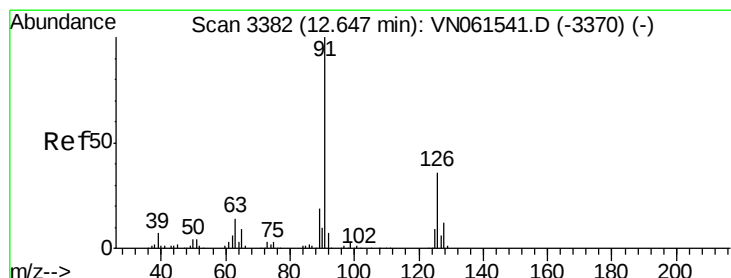
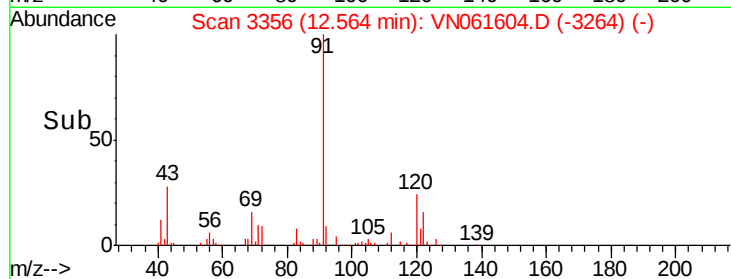
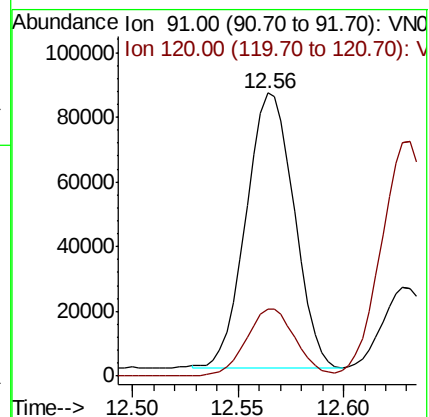
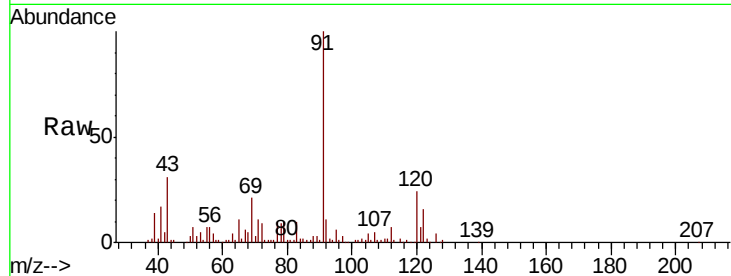
C0AP7

Tot Ion: 91 Resp: 133875

Ion Ratio Lower Upper

91 100

120 25.4 12.3 36.9



#79

2-Chlorotoluene

Concen: 2.455 ug/l

RT: 12.63 min Scan# 3376

Delta R.T. -0.02 min

Lab File: VN061604.D

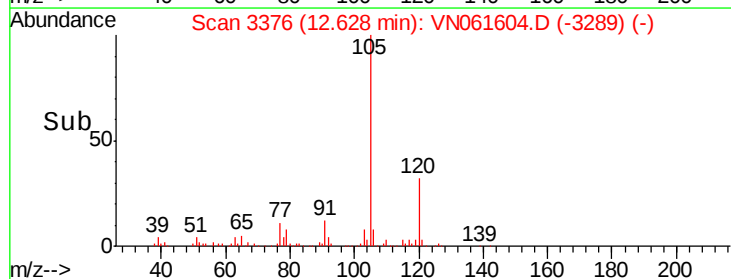
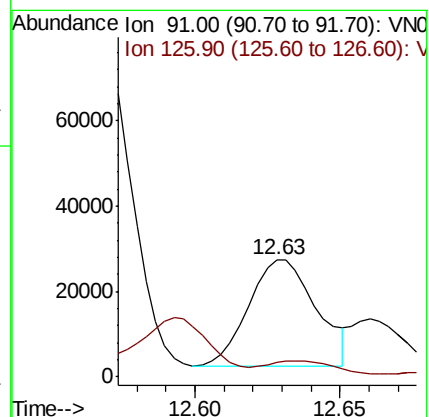
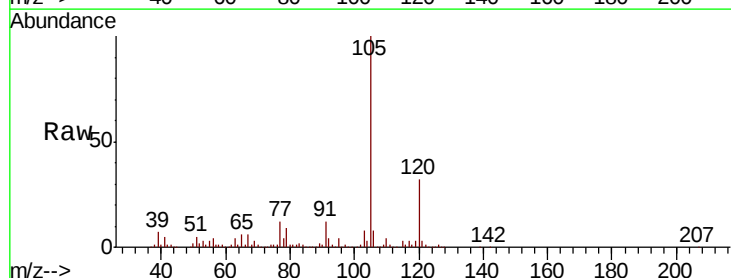
Acq: 1 Jun 2020 18:53

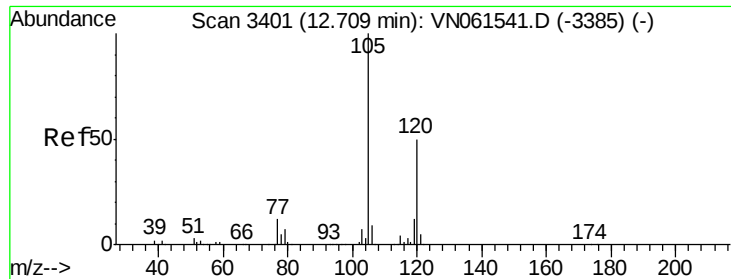
Tgt Ion: 91 Resp: 39874

Ion Ratio Lower Upper

91 100

126 13.4 17.9 53.7#

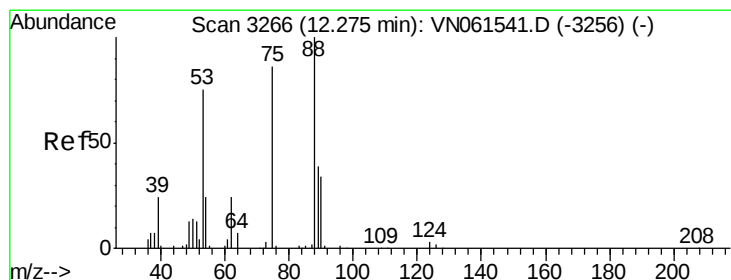
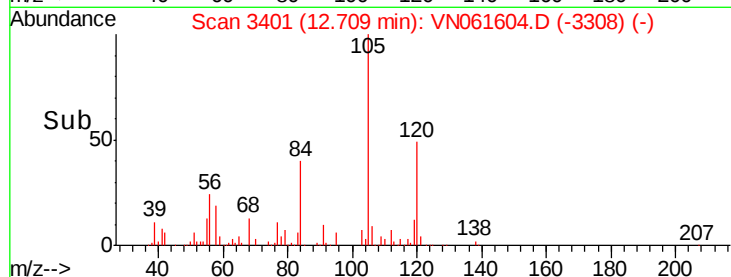
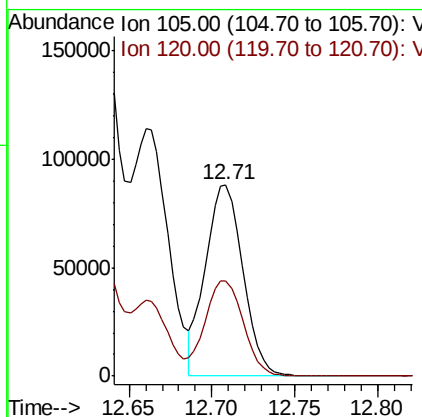
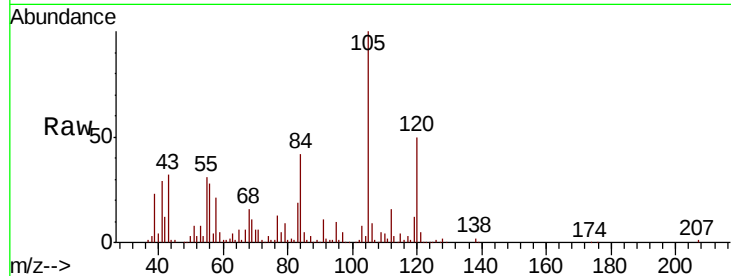




#80
 1,3,5-Trimethylbenzene
 Concen: 6.772 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

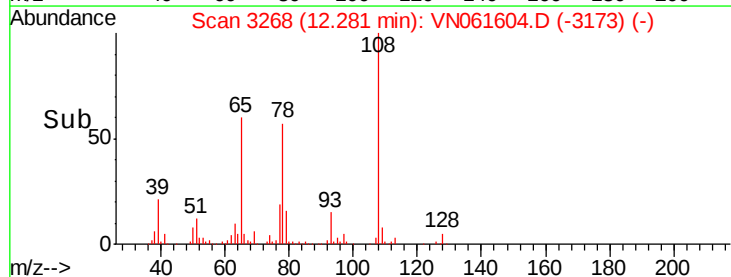
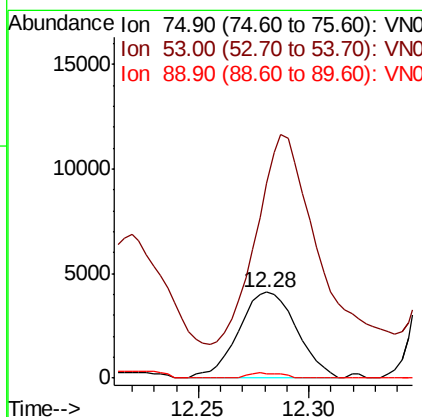
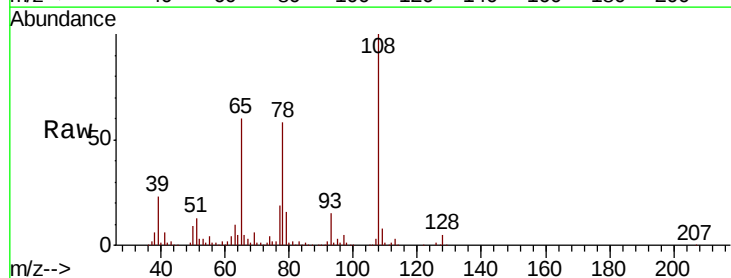
Instrument :
 MSVOA_N
 ClientSampled :
 C0AP7

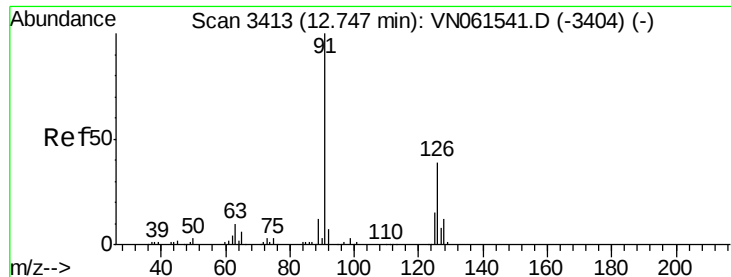
Tot Ion:105 Resp: 138116
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.176 ug/l
 RT: 12.28 min Scan# 3268
 Delta R.T. 0.01 min
 Lab File: VN061604.D
 Acq: 1 Jun 2020 18:53

Tgt Ion: 75 Resp: 7550
 Ion Ratio Lower Upper
 75 100
 53 249.0 67.8 101.8#
 89 3.6 37.1 55.7#





#82

4-Chlorotoluene

Concen: 0.837 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.04 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

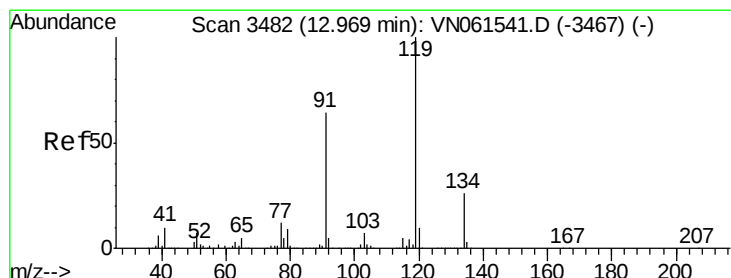
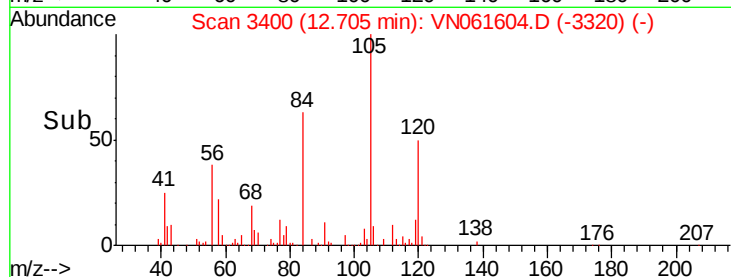
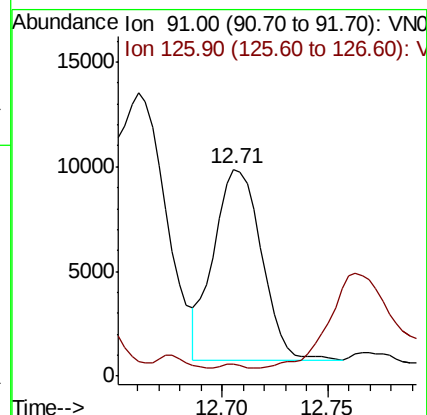
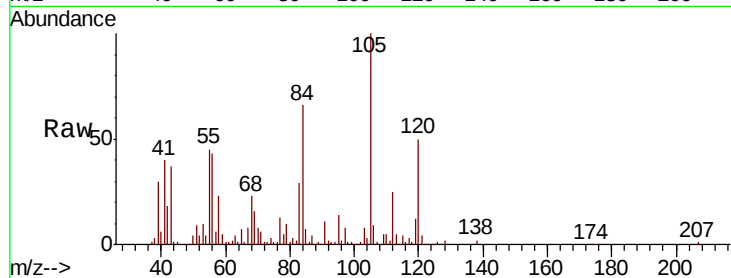
C0AP7

Tot Ion: 91 Resp: 14297

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#



#83

tert-Butylbenzene

Concen: 3.656 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.04 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

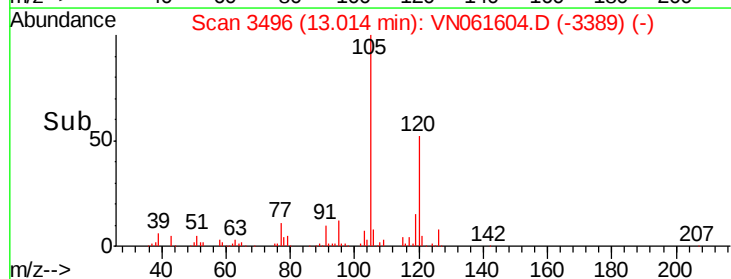
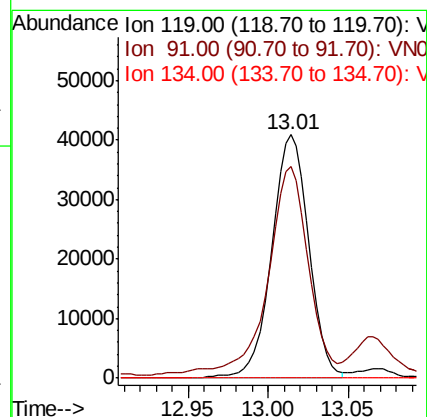
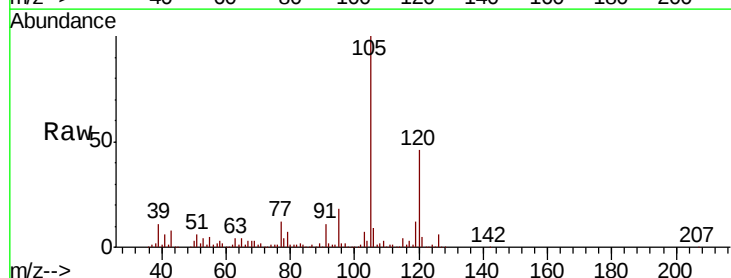
Tgt Ion: 119 Resp: 65890

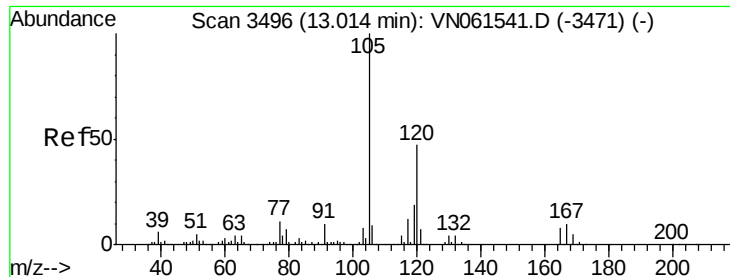
Ion Ratio Lower Upper

119 100

91 94.3 31.3 93.8#

134 0.0 13.5 40.4#

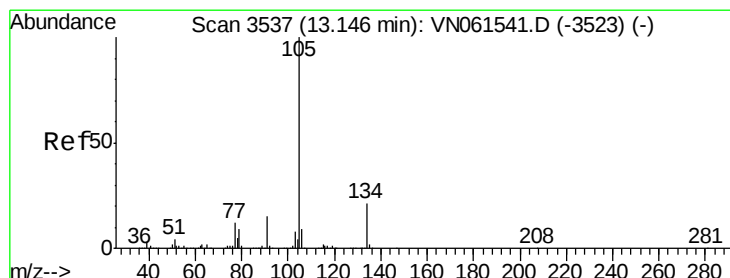
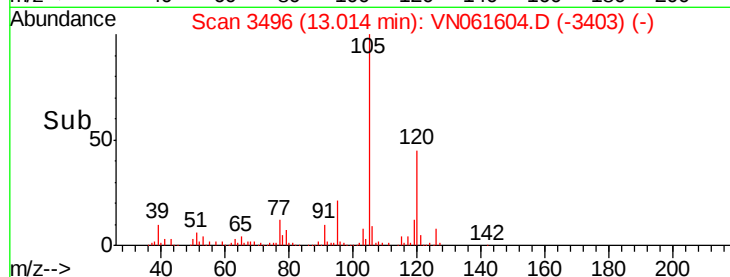
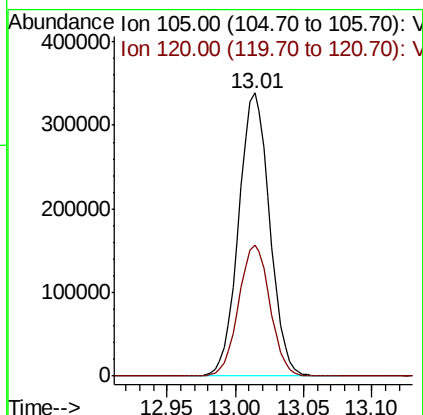
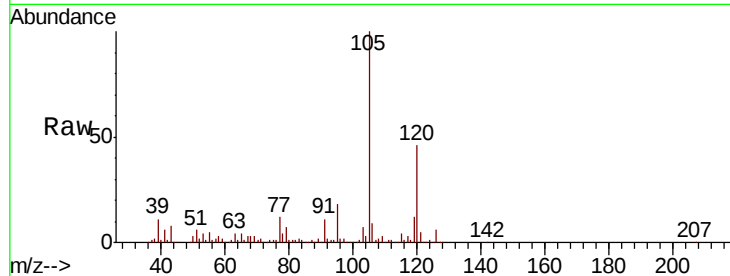




#84
1,2,4-Trimethylbenzene
Concen: 26.304 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

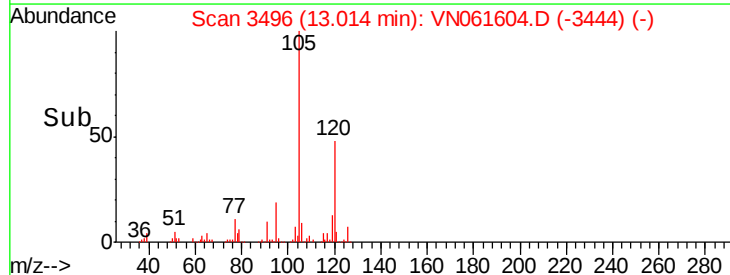
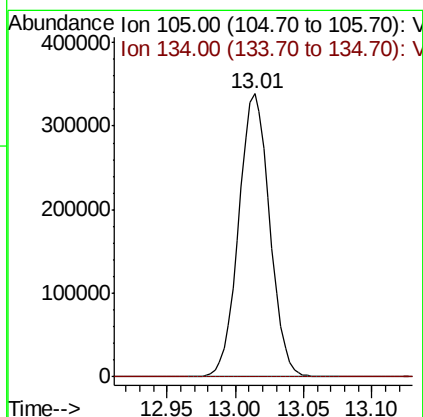
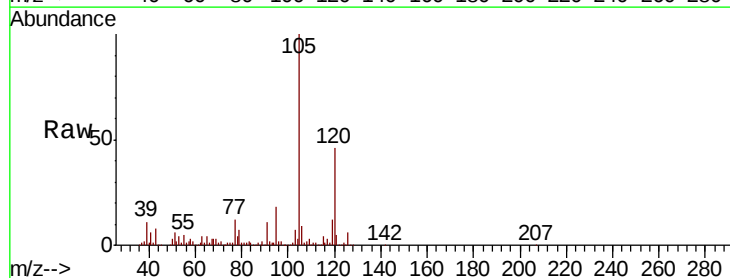
Instrument :
MSVOA_N
ClientSampleId :
C0AP7

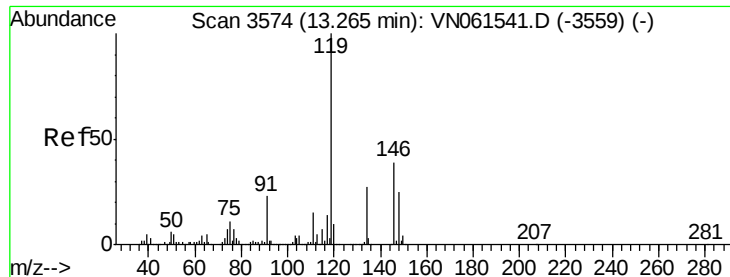
Tot Ion:105 Resp: 532965
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.5



#85
sec-Butylbenzene
Concen: 22.952 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.13 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion:105 Resp: 532965
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

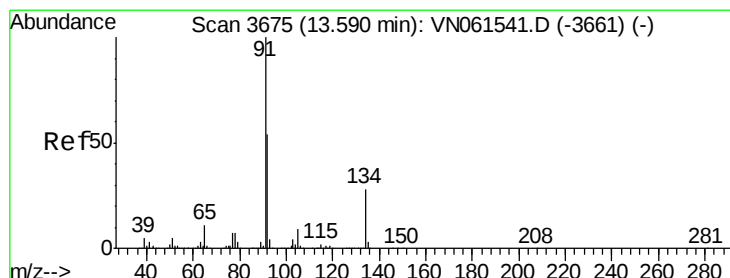
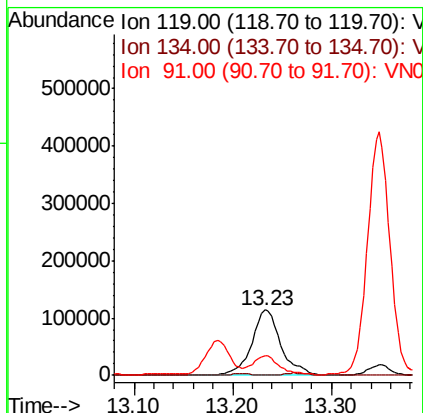
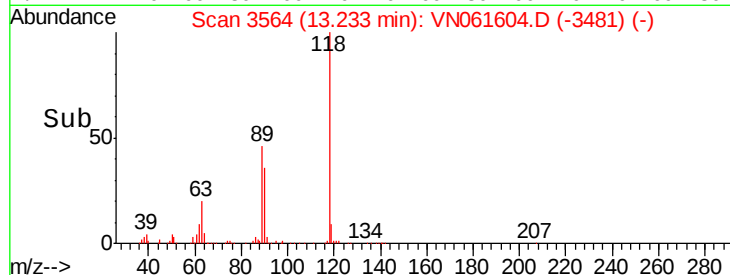
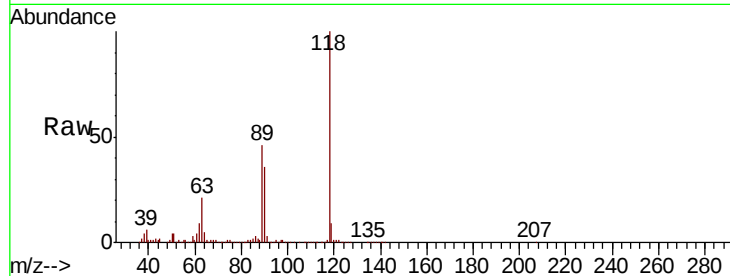




#86
p-Isopropyltoluene
Concen: 10.843 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. -0.03 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

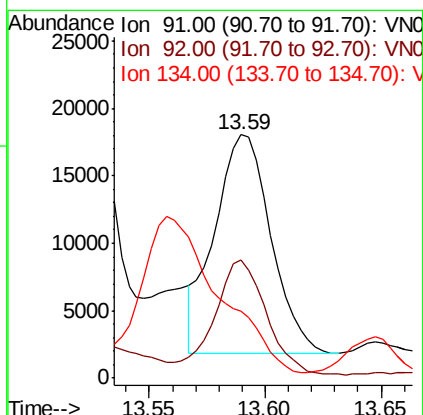
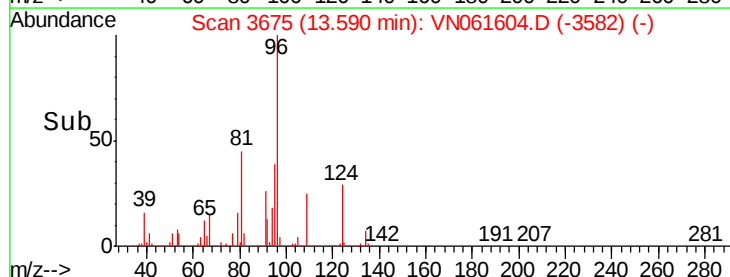
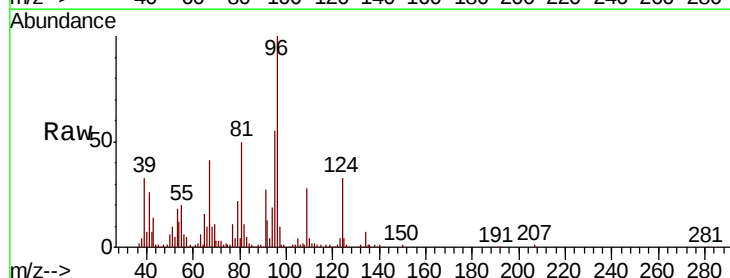
Instrument :
MSVOA_N
ClientSampled :
C0AP7

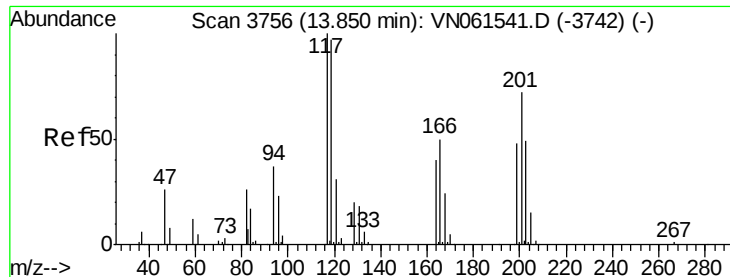
Tot Ion:119 Resp: 231878
Ion Ratio Lower Upper
119 100
134 0.0 13.5 40.5#
91 25.6 11.4 34.1



#89
n-Butylbenzene
Concen: 1.522 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Tgt Ion: 91 Resp: 27254
Ion Ratio Lower Upper
91 100
92 48.6 27.2 81.6
134 0.0 14.0 42.0#





#90

Hexachloroethane

Concen: 3.443 ug/l

RT: 13.86 min Scan# 3758

Delta R.T. 0.01 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

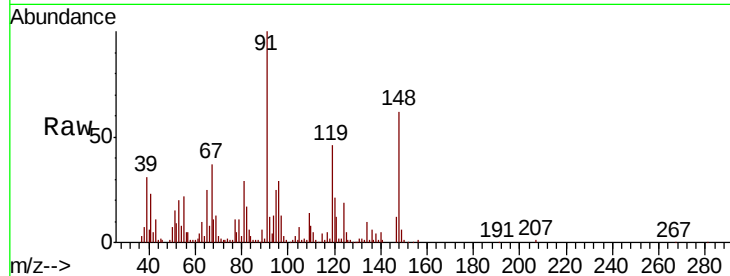
C0AP7

Tot Ion:117 Resp: 8143

Ion Ratio Lower Upper

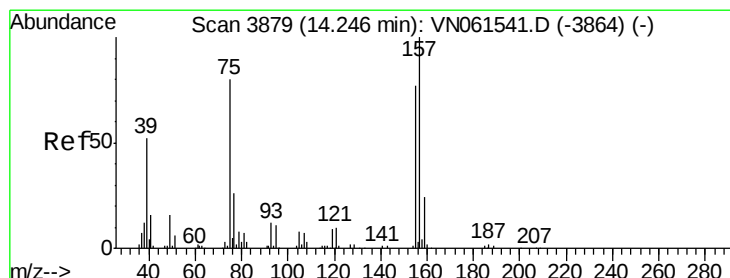
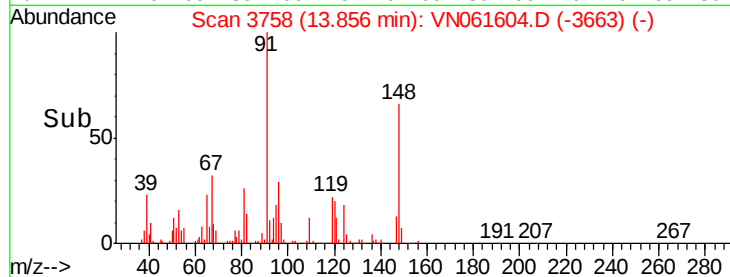
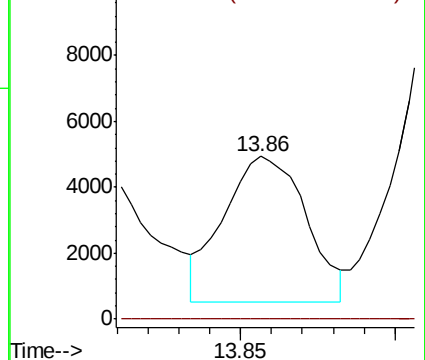
117 100

201 0.0 36.7 110.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 70.414 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.03 min

Lab File: VN061604.D

Acq: 1 Jun 2020 18:53

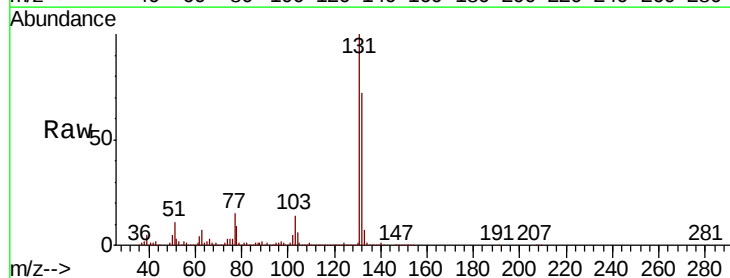
Tgt Ion: 75 Resp: 98202

Ion Ratio Lower Upper

75 100

155 0.1 47.1 141.4#

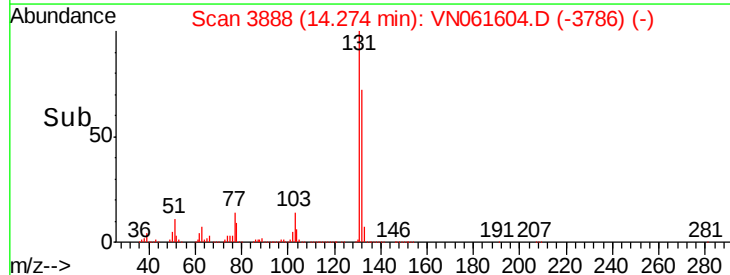
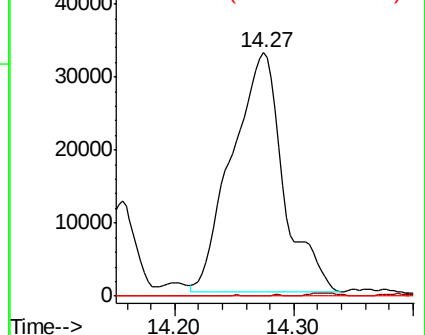
157 0.0 60.3 180.8#

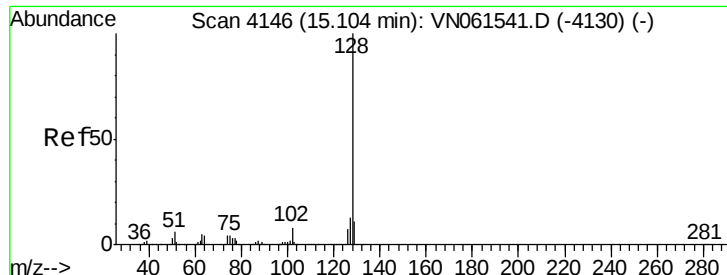


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

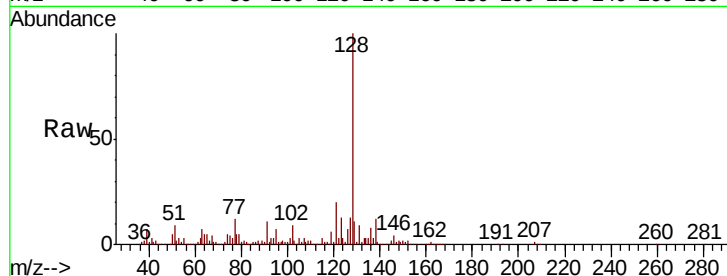




#95
Naphthalene
Concen: 53.567 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061604.D
Acq: 1 Jun 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
C0AP7

Tot Ion:128 Resp: 1005144
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 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

