

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062176.D
 Acq On : 27 Jun 2020 6:41
 Operator : JC/MD
 Sample : L3098-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31106-31128

Quant Time: Jun 27 07:21:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	374185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	146442	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
35) Dibromofluoromethane	7.55	113	121445	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
50) Toluene-d8	10.06	98	493955	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.38	95	168771	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	424	Below Cal	#	41
11) Tert butyl alcohol	4.73	59	16552	40.945	ug/l	97
16) Acetone	3.78	43	10447	7.898	ug/l	92
17) Carbon Disulfide	4.02	76	2223	0.387	ug/l #	75
18) Methyl Acetate	4.28	43	2907	1.299	ug/l #	60
20) Methylene Chloride	4.49	84	1593	0.401	ug/l #	85
25) 2-Butanone	6.80	43	297	0.216	ug/l #	44
31) Cyclohexane	7.62	56	17470	4.491	ug/l #	83
36) 1,1-Dichloropropene	7.63	75	16873	4.302	ug/l #	41
38) Carbon Tetrachloride	7.63	117	19661	5.317	ug/l #	14
39) Methylcyclohexane	9.05	83	34521	8.033	ug/l	97
40) Benzene	8.00	78	3867	0.323	ug/l	100
48) Methyl methacrylate	9.25	41	1523	0.642	ug/l #	76
51) 4-Methyl-2-Pentanone	9.95	43	7133	2.306	ug/l	96
52) Toluene	10.12	92	9727	1.334	ug/l	94
55) 1,1,2-Trichloroethane	10.50	97	2867	1.000	ug/l #	16
56) Ethyl methacrylate	10.40	69	1342	0.351	ug/l #	28
57) 1,3-Dichloropropane	10.43	76	1495	0.303	ug/l #	42
59) 2-Hexanone	10.73	43	455	0.204	ug/l #	21
67) Ethyl Benzene	11.59	91	139655	10.063	ug/l #	64
68) m/p-Xylenes	11.59	106	70959	13.220	ug/l	100
69) o-Xylene	11.92	106	72655	14.346	ug/l	98
70) Styrene	11.92	104	4254	0.504	ug/l #	1
74) N-amyl acetate	12.05	43	65	3.357	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	86550	23.997	ug/l #	100
79) 2-Chlorotoluene	12.66	91	2375	0.290	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	96300	10.016	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	86550	70.080	ug/l #	13
82) 4-Chlorotoluene	12.71	91	10306	1.215	ug/l #	41
83) tert-Butylbenzene	12.97	119	4300	0.523	ug/l	89
84) 1,2,4-Trimethylbenzene	13.01	105	28440	2.962	ug/l	96
85) sec-Butylbenzene	13.01	105	28440	2.616	ug/l #	57
86) p-Isopropyltoluene	13.26	119	10592	1.112	ug/l	98
89) n-Butylbenzene	13.55	91	7015	0.886	ug/l #	1

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QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

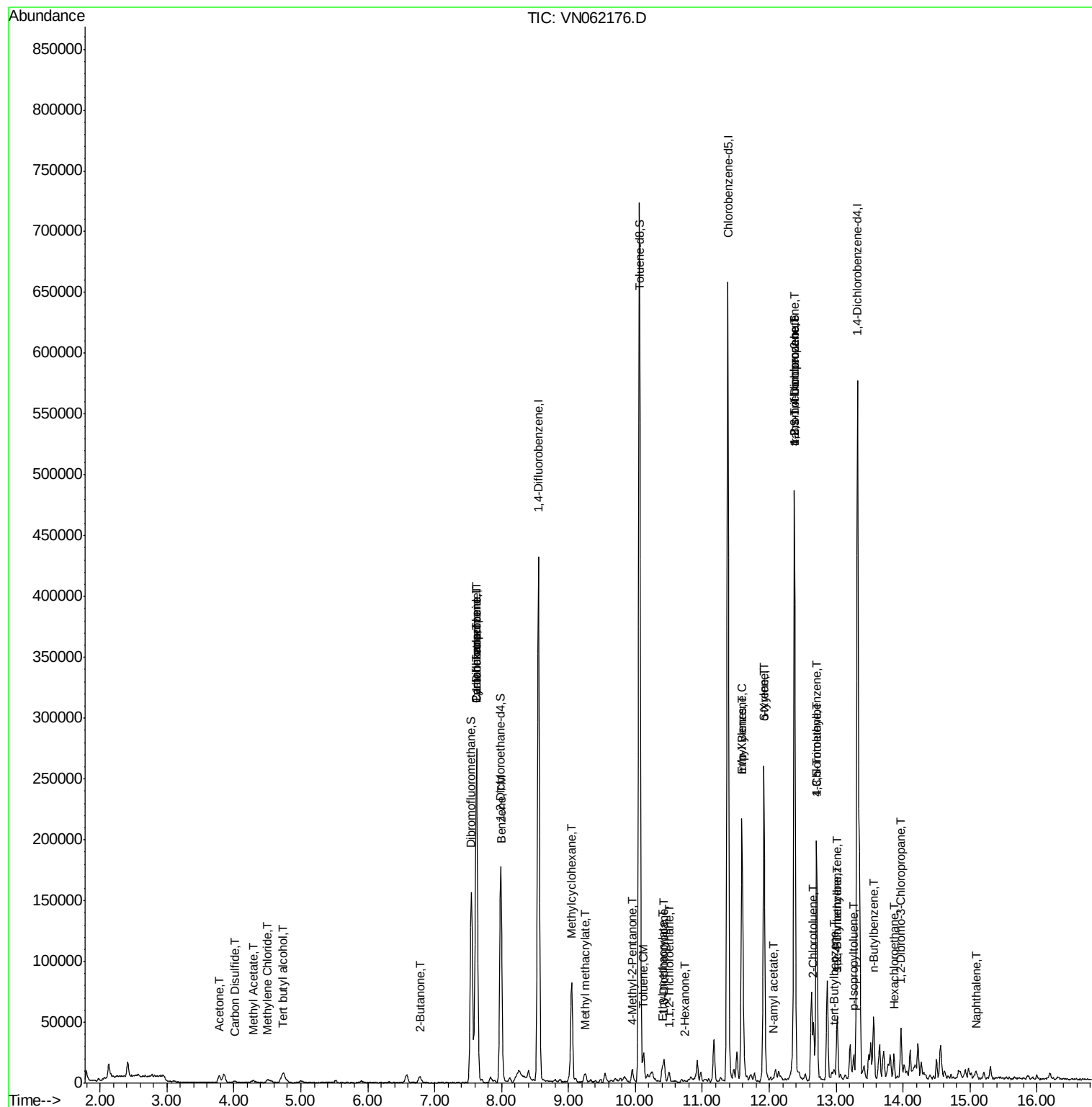
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.87	117	1400	0.749	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.97	75	379	0.599	ug/l #	3
95) Naphthalene	15.11	128	3083	4.383	ug/l #	84

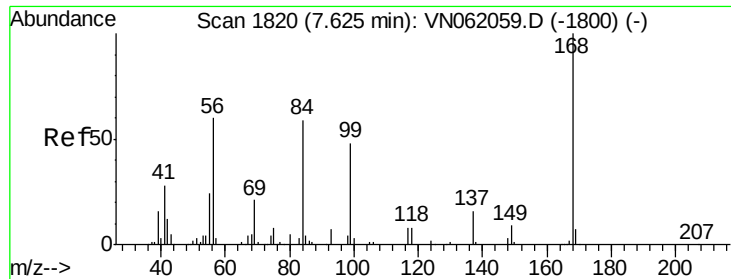
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062176.D
Acq On : 27 Jun 2020 6:41
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Sample : L3098-01
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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: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

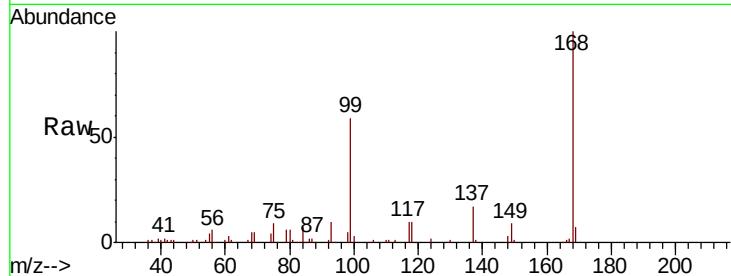
31106-31128

Tot Ion:168 Resp: 200634

Ion Ratio Lower Upper

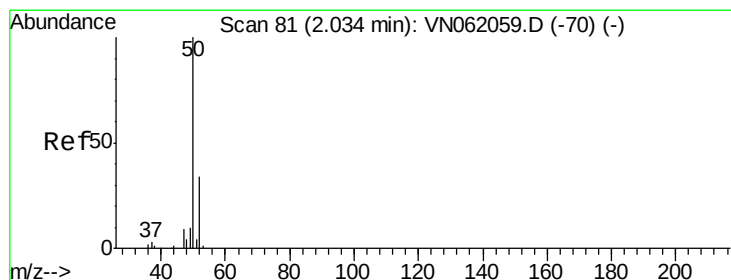
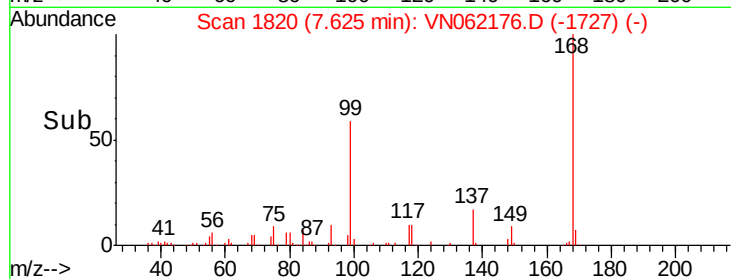
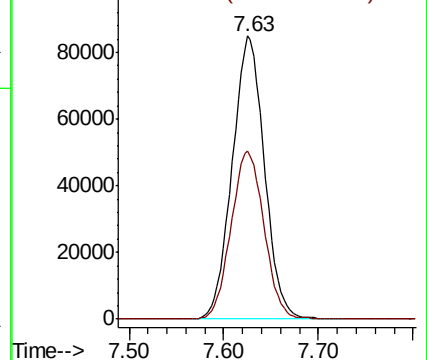
168 100

99 59.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062176.D

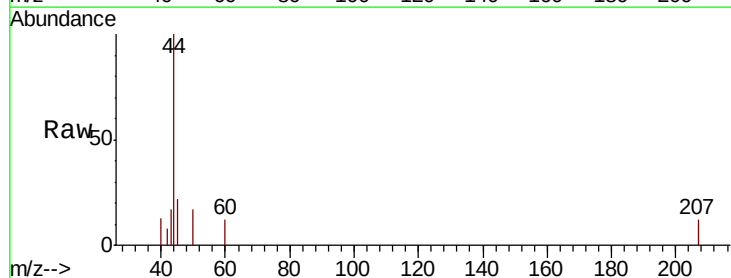
Acq: 27 Jun 2020 6:41

Tgt Ion: 50 Resp: 424

Ion Ratio Lower Upper

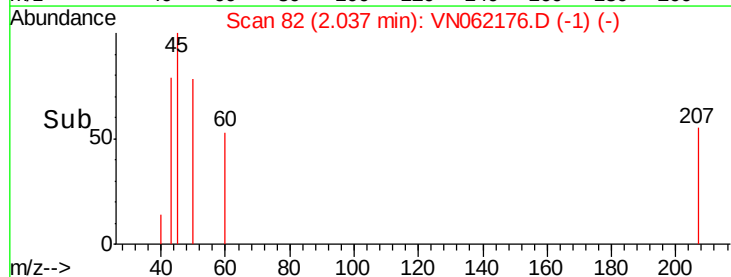
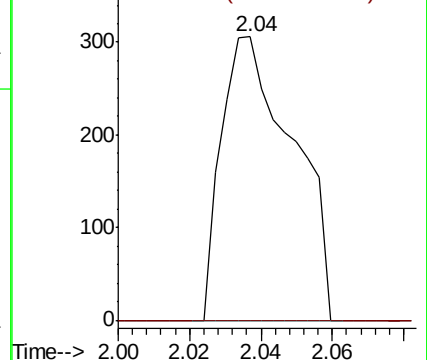
50 100

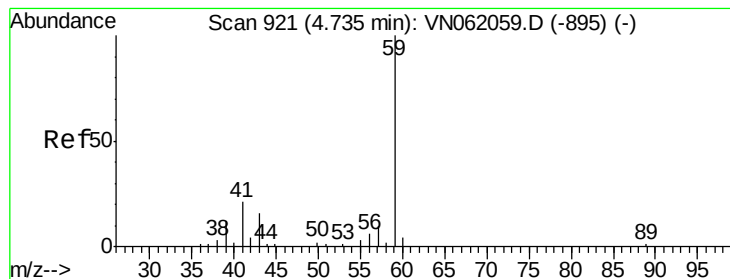
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN



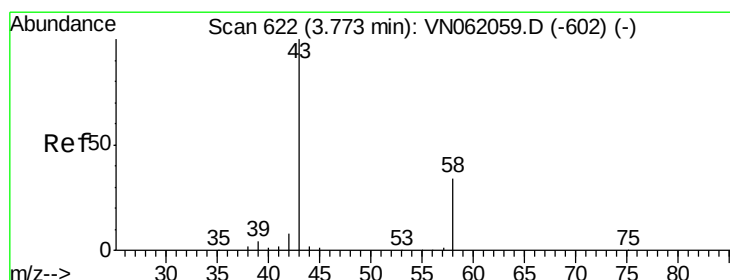
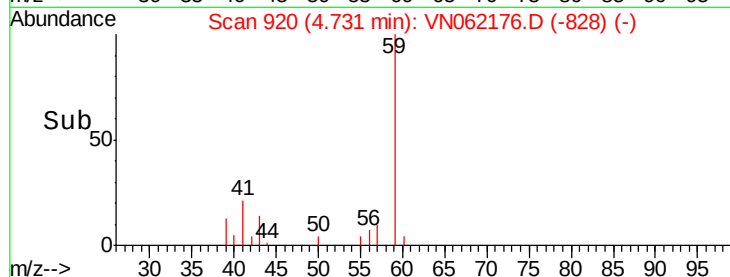
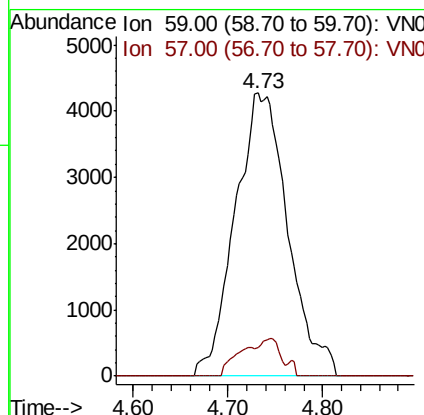
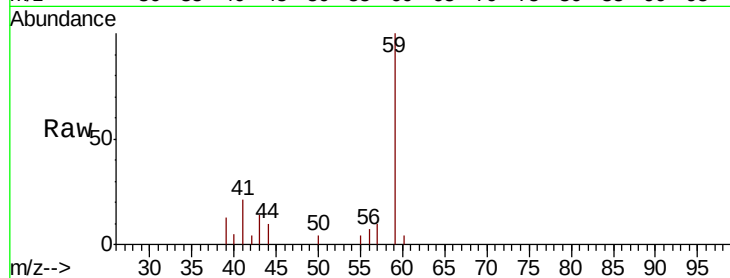


#11

Tert butyl alcohol
 Concen: 40.945 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Instrument :
 MSVOA_N
 ClientSampleId :
 31106-31128

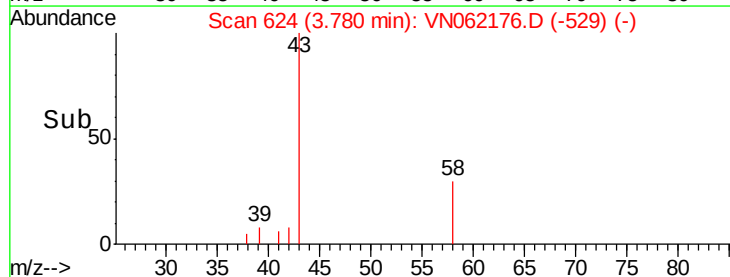
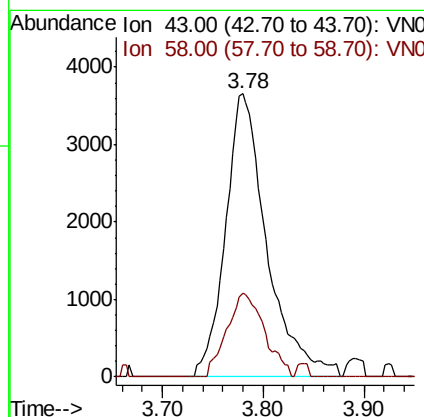
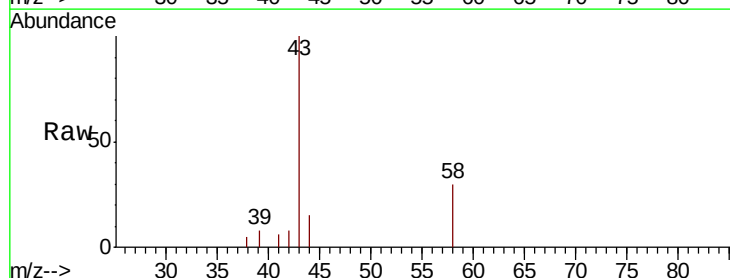
Tot Ion: 59 Resp: 16552
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.3 12.5

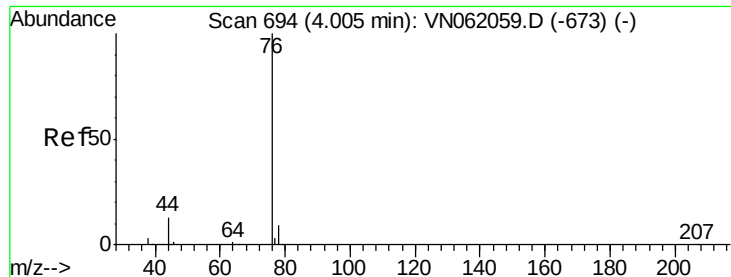


#16

Acetone
 Concen: 7.898 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Tgt Ion: 43 Resp: 10447
 Ion Ratio Lower Upper
 43 100
 58 29.8 27.5 41.3





#17

Carbon Disulfide

Concen: 0.387 ug/l

RT: 4.02 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

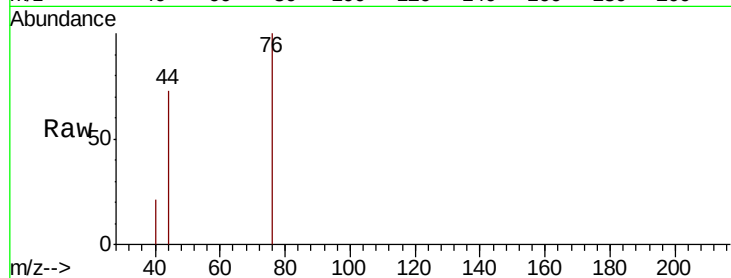
31106-31128

Tot Ion: 76 Resp: 2223

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D

Ion 77.90 (77.60 to 78.60): VN062059.D

4.02

1000

800

600

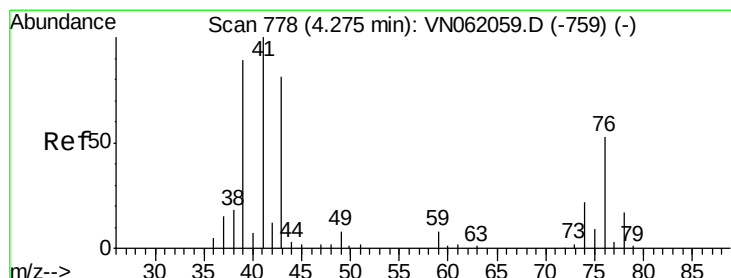
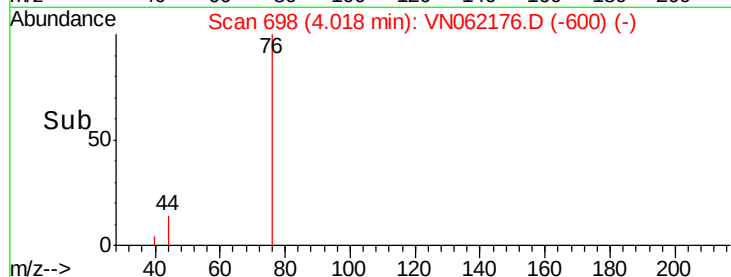
400

200

0

3.95 4.00 4.05

Time-->



#18

Methyl Acetate

Concen: 1.299 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062176.D

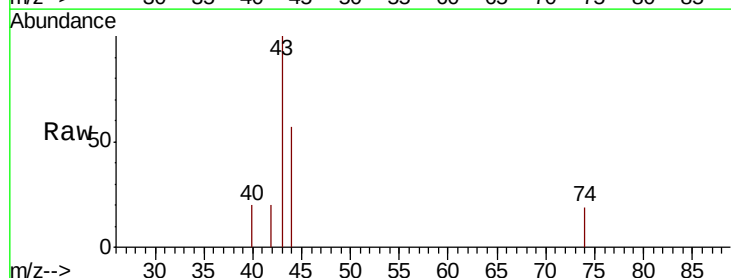
Acq: 27 Jun 2020 6:41

Tgt Ion: 43 Resp: 2907

Ion Ratio Lower Upper

43 100

74 7.4 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D

Ion 74.00 (73.70 to 74.70): VN062059.D

4.28

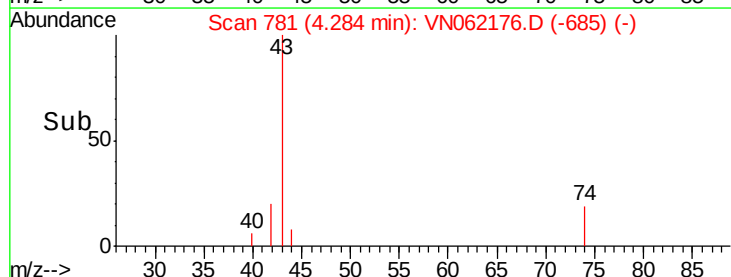
1000

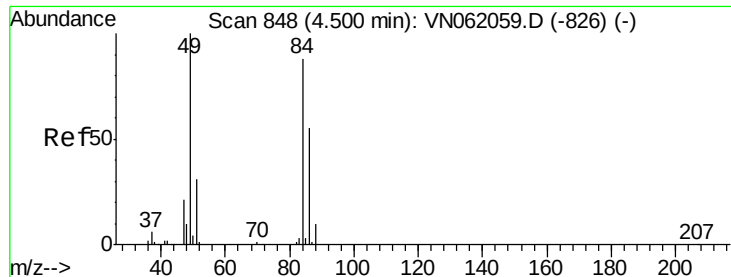
500

0

4.25 4.30

Time-->

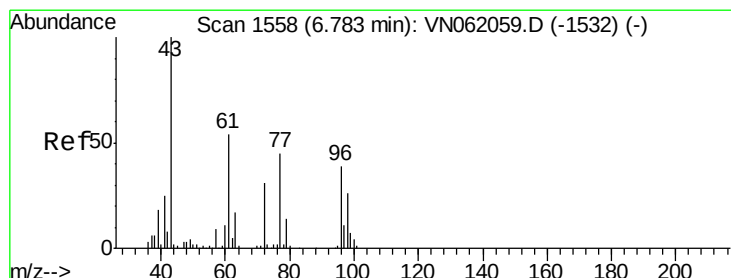
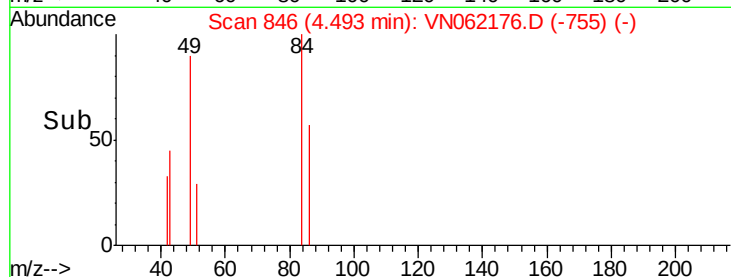
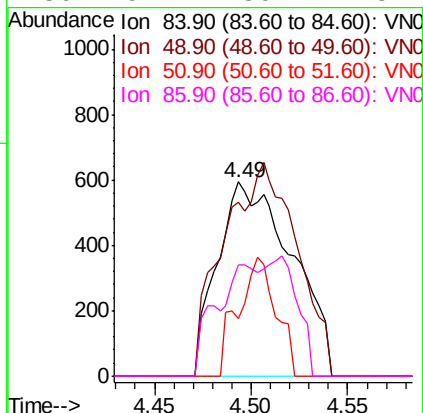
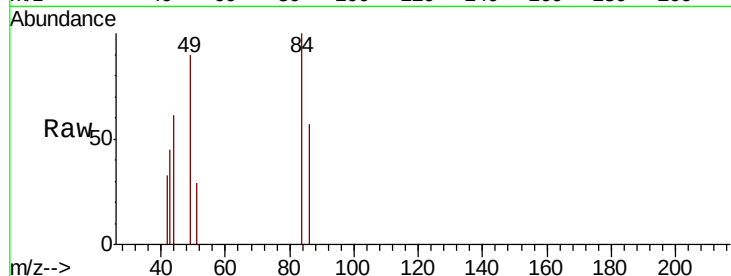




#20
Methvlene Chloride
Concen: 0.401 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

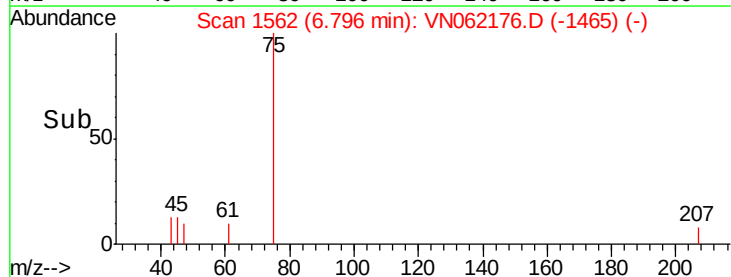
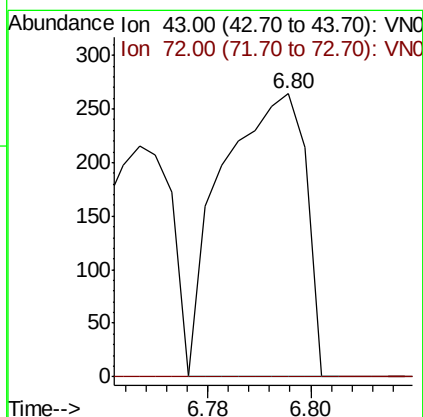
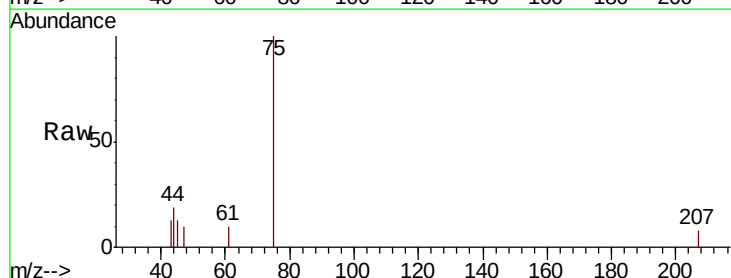
Instrument :
MSVOA_N
ClientSampled :
31106-31128

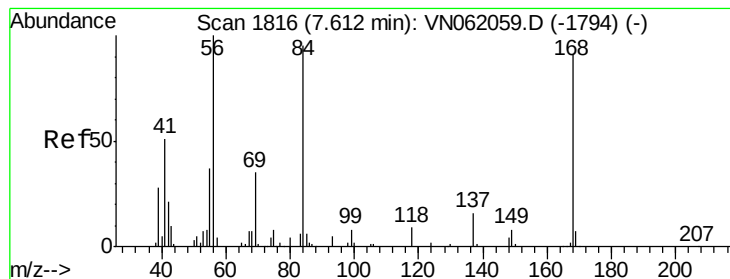
Tot Ion:	84	Resp:	1593
Ion	Ratio	Lower	Upper
84	100		
49	89.9	90.6	136.0#
51	29.5	27.8	41.8
86	57.4	50.1	75.1



#25
2-Butanone
Concen: 0.216 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion:	43	Resp:	297
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.8	37.2#





#31

Cyclohexane

Concen: 4.491 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

31106-31128

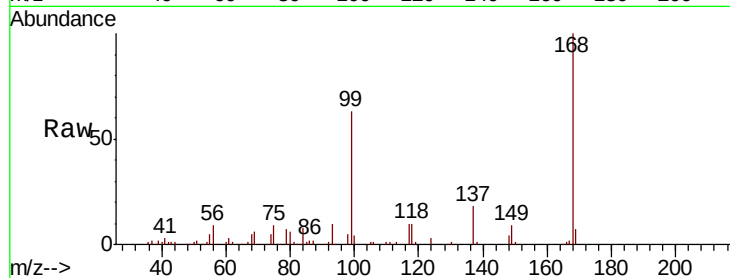
Tot Ion: 56 Resp: 17470

Ion Ratio Lower Upper

56 100

69 67.3 28.0 42.0#

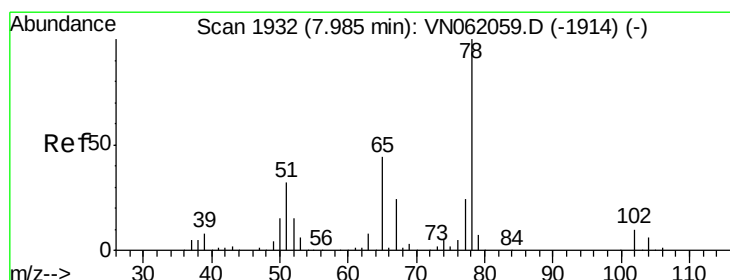
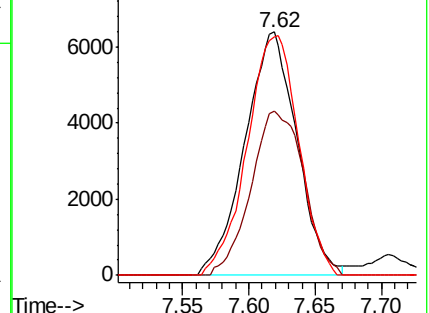
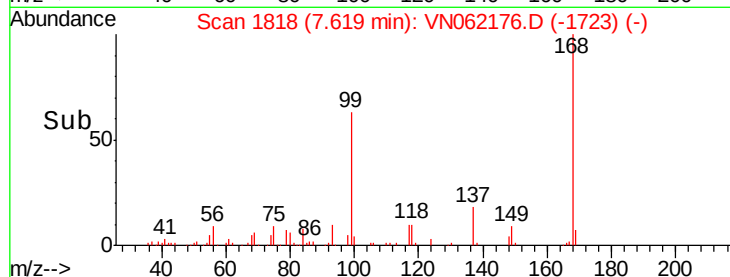
84 98.0 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062176.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062176.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062176.D (-1723) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.012 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062176.D

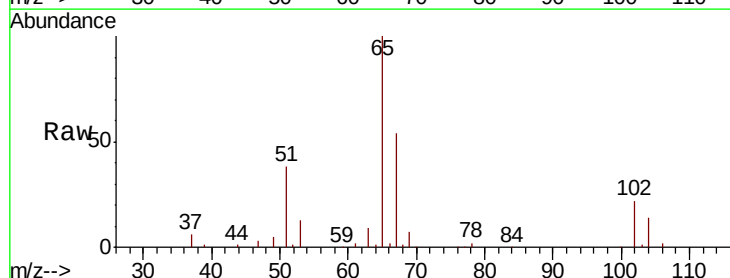
Acq: 27 Jun 2020 6:41

Tgt Ion: 65 Resp: 146442

Ion Ratio Lower Upper

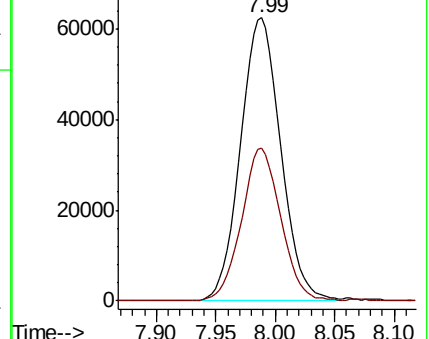
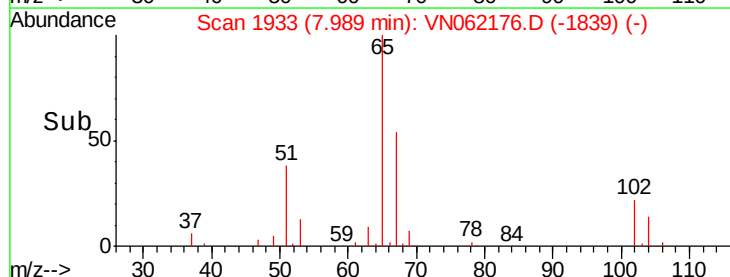
65 100

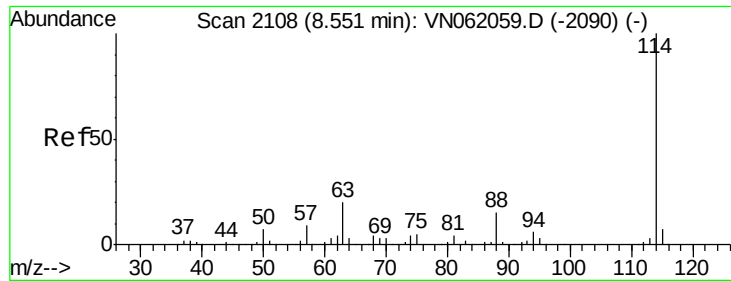
67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062176.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062176.D (-1839) (-)

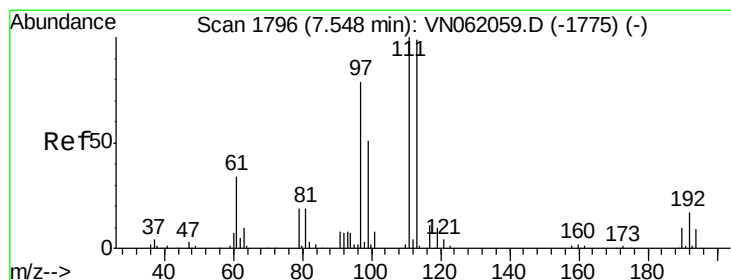
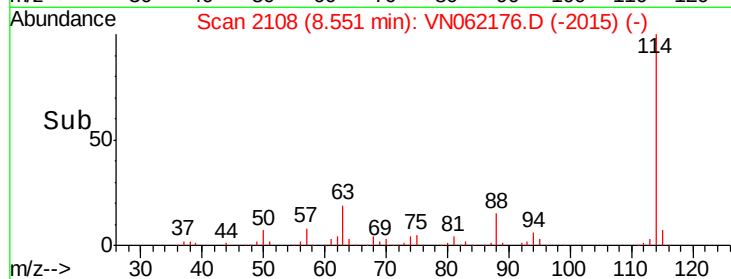
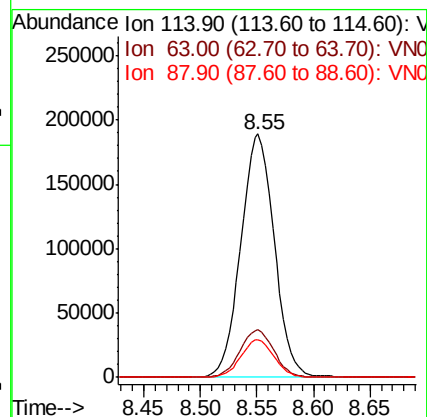
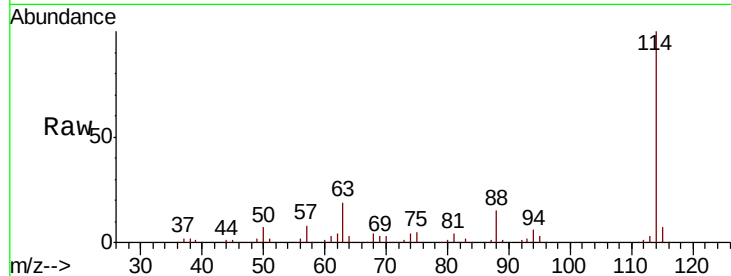




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

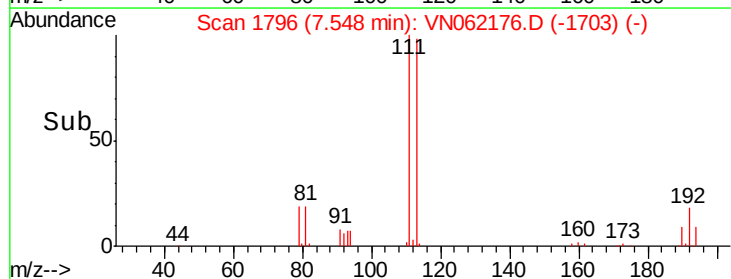
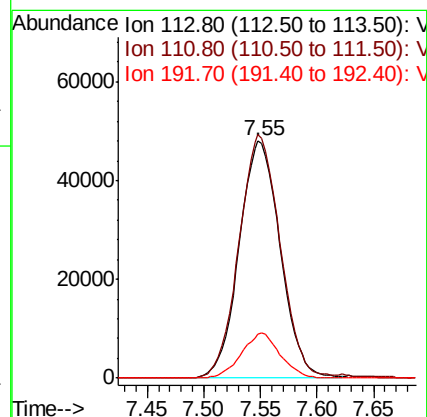
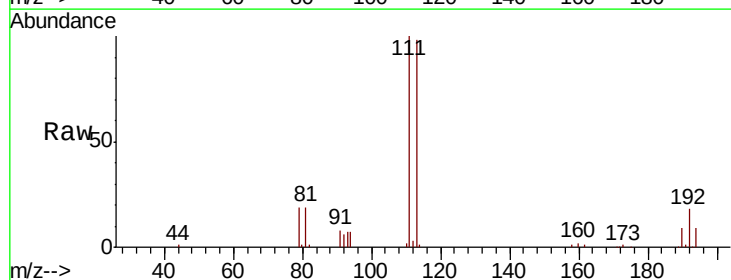
Instrument :
MSVOA_N
ClientSampleId :
31106-31128

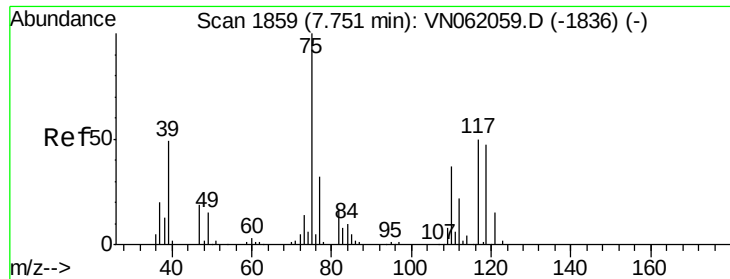
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.2
88	15.4	0.0	30.8



#35
Dibromofluoromethane
Concen: 48.513 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	18.0	14.0	21.0

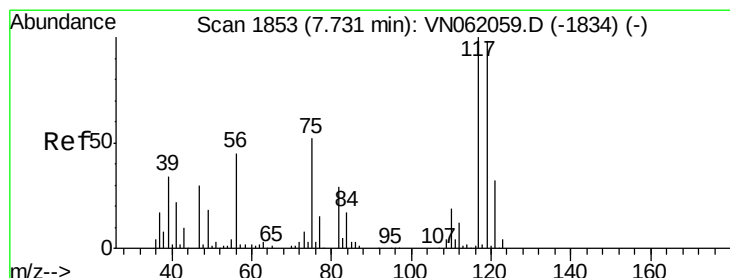
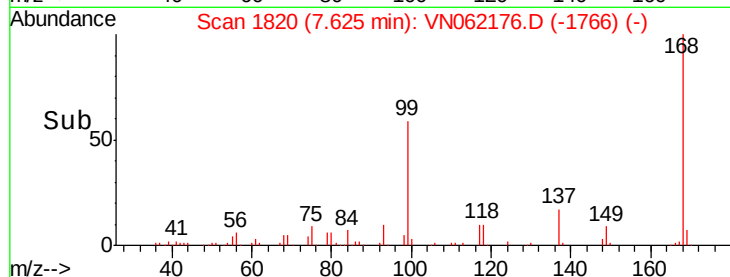
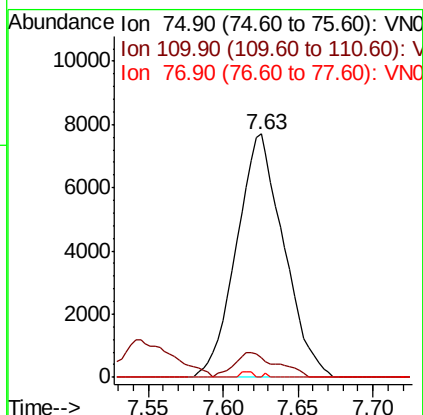
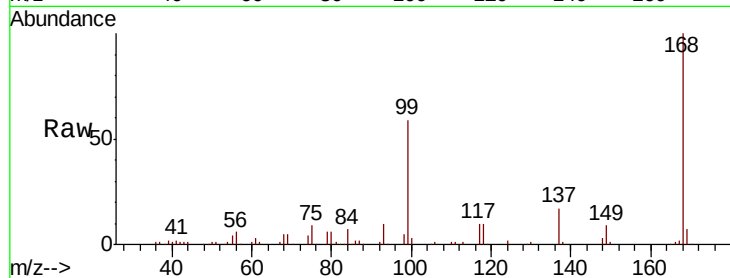




#36
 1,1-Dichloropropene
 Concen: 4.302 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

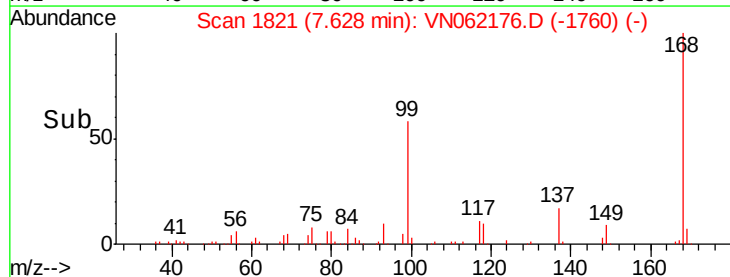
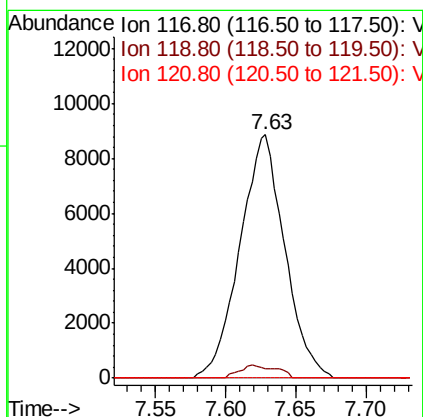
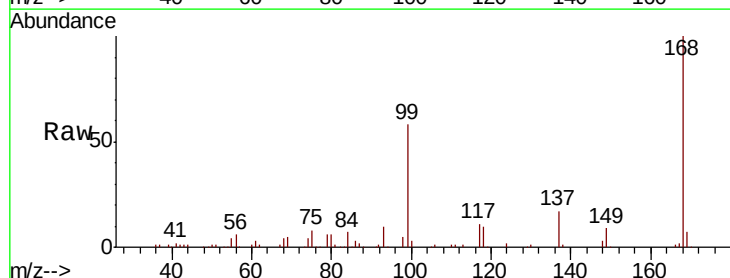
Instrument :
 MSVOA_N
 ClientSampleId :
 31106-31128

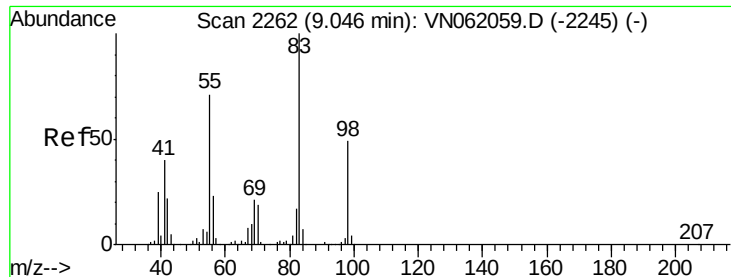
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.8#
77	0.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.317 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.10 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.2	117.2#
121	0.0	25.8	38.6#

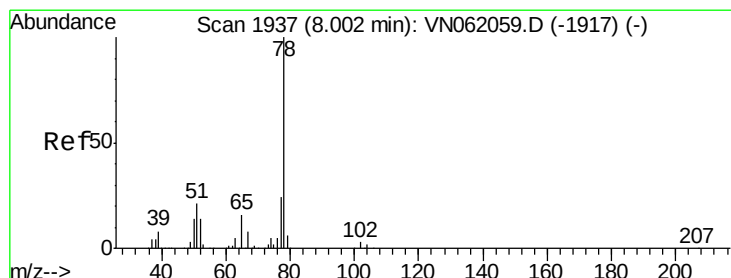
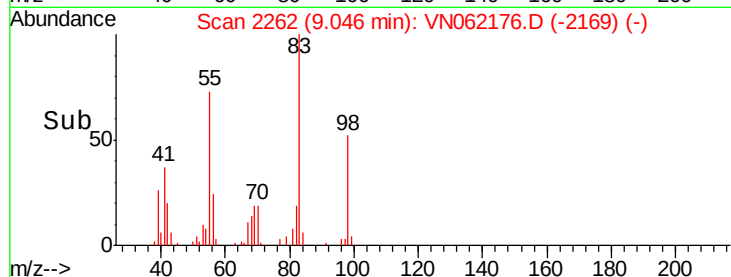
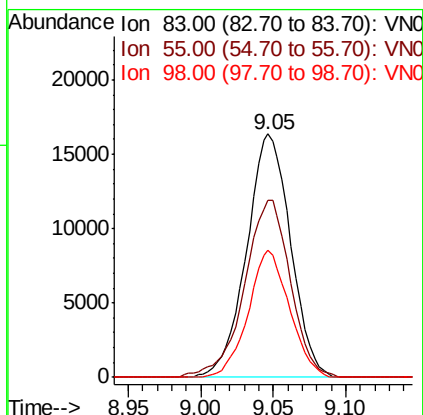
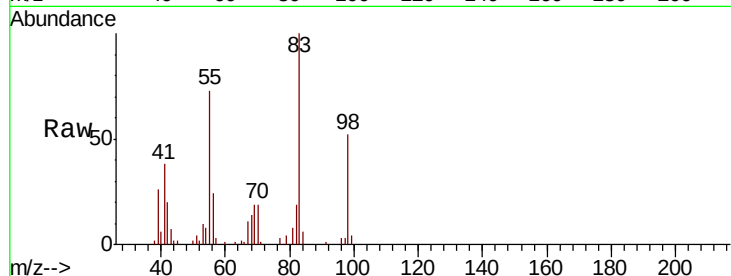




#39
Methylvlcyclohexane
Concen: 8.033 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

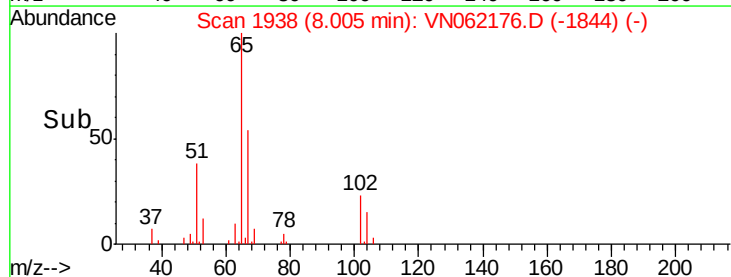
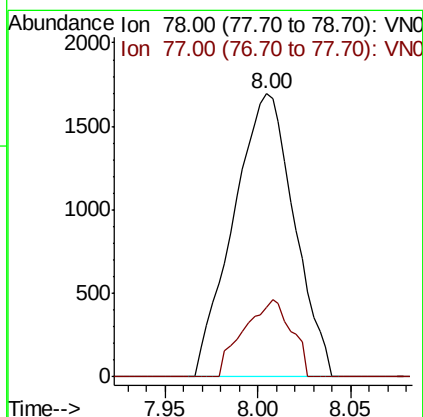
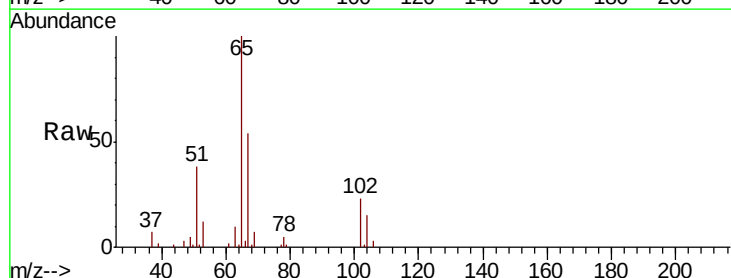
Instrument :
MSVOA_N
ClientSampled :
31106-31128

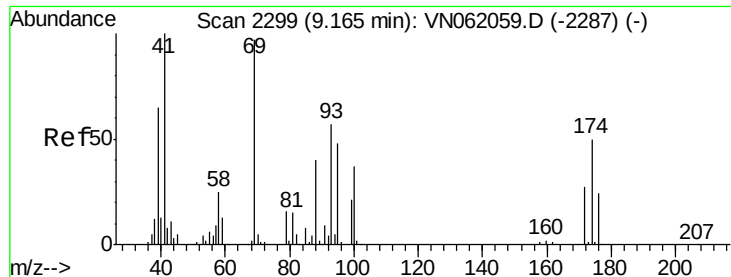
Tot Ion: 83 Resp: 34521
Ion Ratio Lower Upper
83 100
55 72.9 57.0 85.6
98 52.3 39.0 58.6



#40
Benzene
Concen: 0.323 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion: 78 Resp: 3867
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3

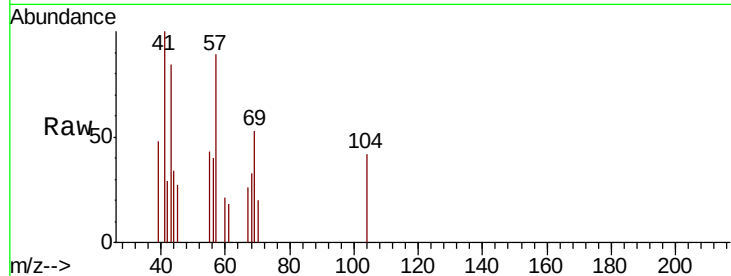




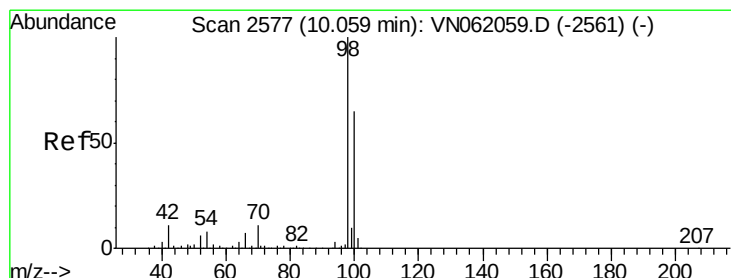
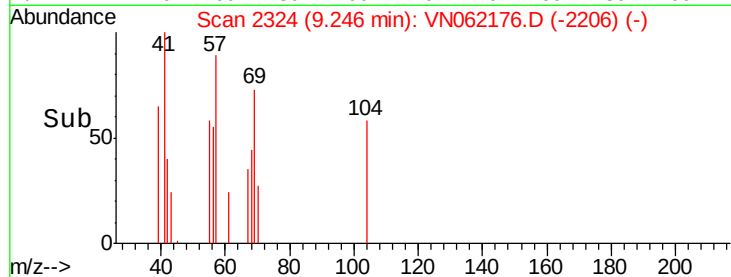
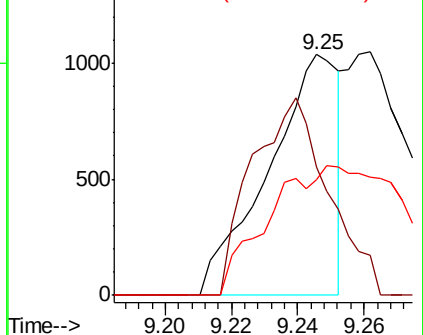
#48
Methvl methacrylate
Concen: 0.642 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.08 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Instrument :
MSVOA_N
ClientSampleId :
31106-31128

Tot Ion: 41 Resp: 1523
Ion Ratio Lower Upper
41 100
69 89.4 80.7 121.1
39 34.5 54.5 81.7#

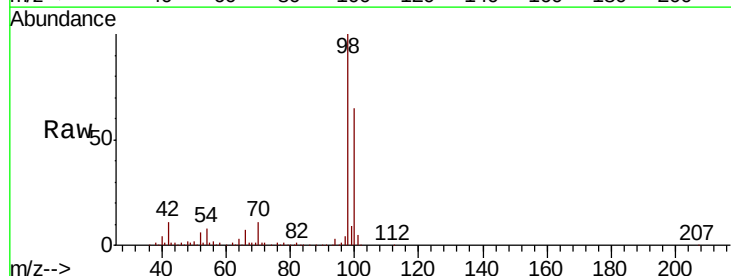


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

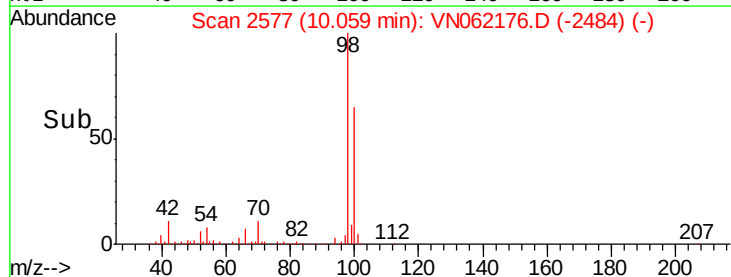
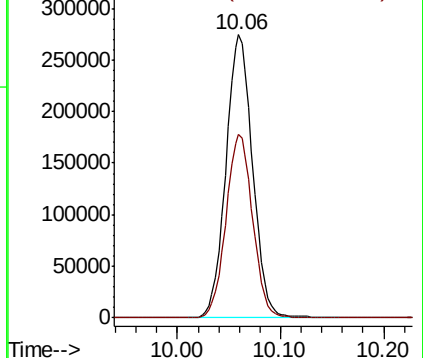


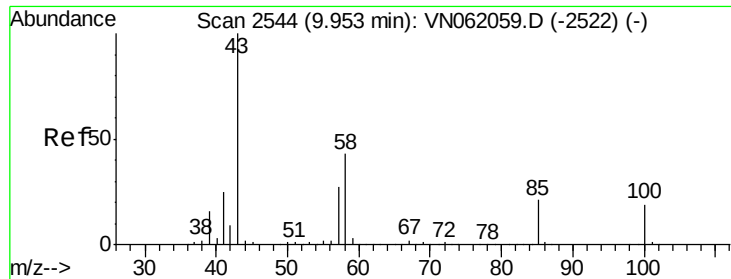
#50
Toluene-d8
Concen: 49.362 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion: 98 Resp: 493955
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 2.306 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampled :

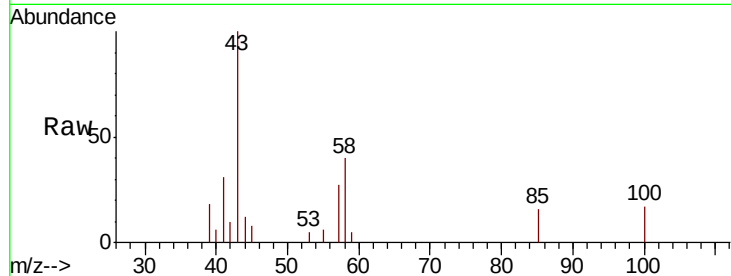
31106-31128

Tot Ion: 43 Resp: 7133

Ion Ratio Lower Upper

43 100

58 39.9 34.2 51.2

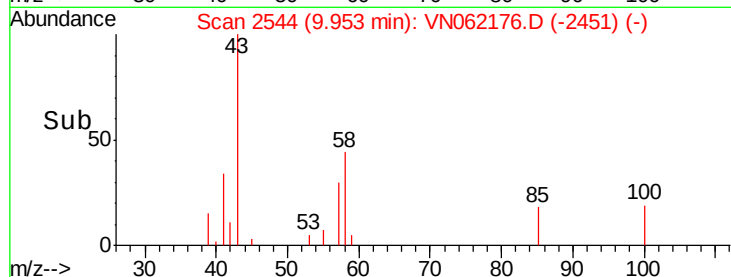


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

Time-->

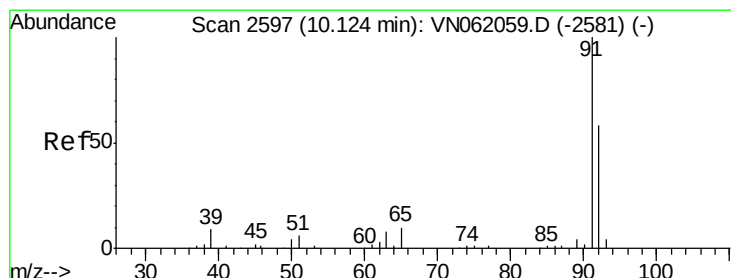


Abundance Ion 43.00 (42.70 to 43.70): VN062176.D (-2451) (-)

Ion 58.00 (57.70 to 58.70): VN062176.D (-2451) (-)

9.95

Time-->



#52

Toluene

Concen: 1.334 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062176.D

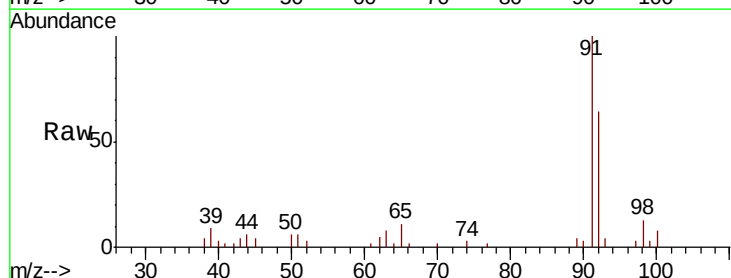
Acq: 27 Jun 2020 6:41

Tgt Ion: 92 Resp: 9727

Ion Ratio Lower Upper

92 100

91 163.4 137.4 206.0

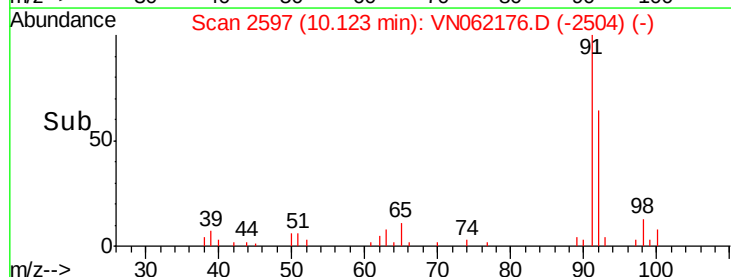


Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

Time-->

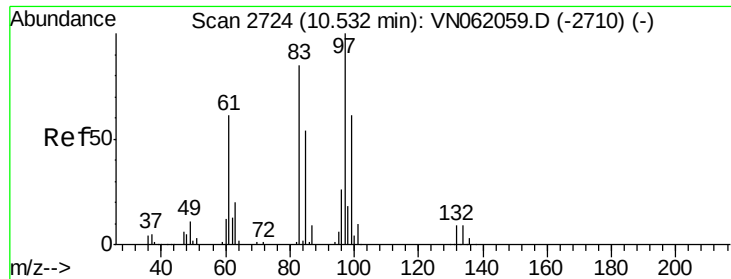


Abundance Ion 92.00 (91.70 to 92.70): VN062176.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062176.D (-2504) (-)

10.12

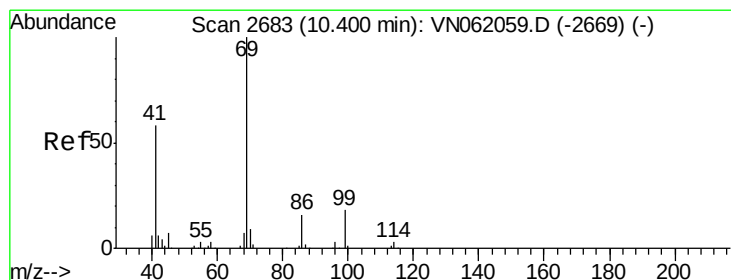
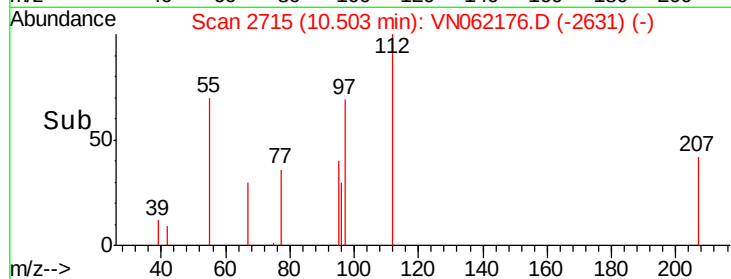
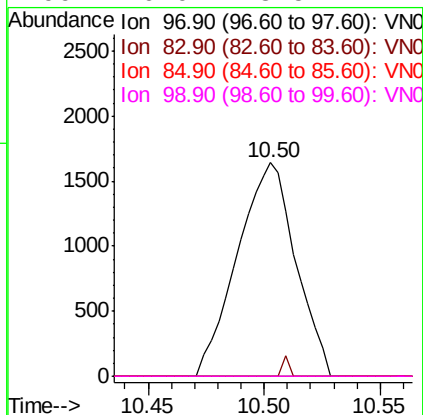
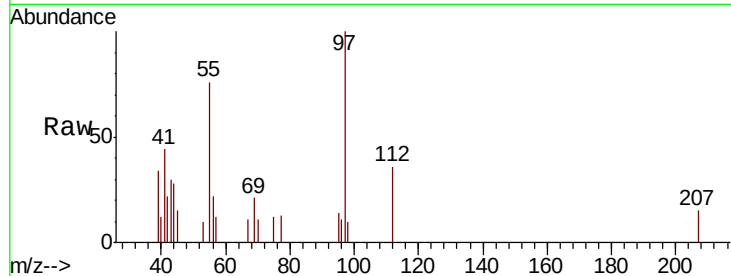
Time-->



#55
 1,1,2-Trichloroethane
 Concen: 1.000 ug/l
 RT: 10.50 min Scan# 2715
 Delta R.T. -0.03 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

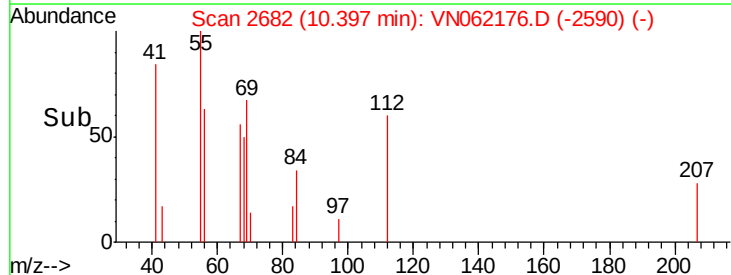
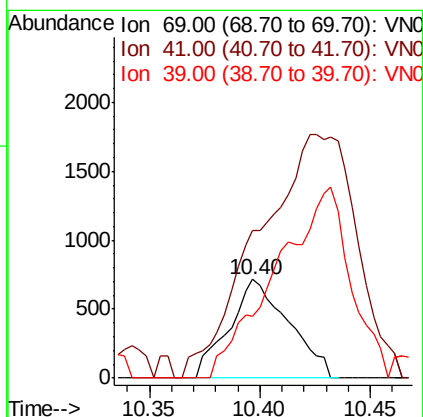
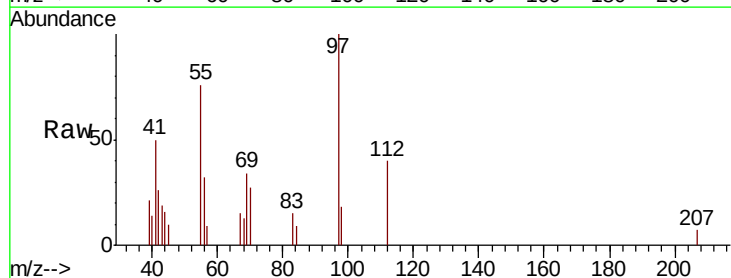
Instrument :
 MSVOA_N
 ClientSampled :
 31106-31128

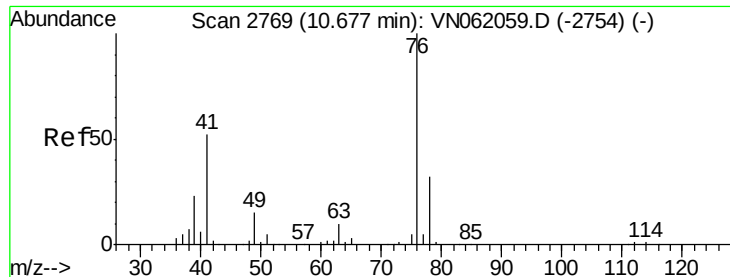
Tot Ion: 97 Resp: 2867
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.2 102.2#
 85 0.0 43.2 64.8#
 99 0.0 48.5 72.7#



#56
 Ethyl methacrylate
 Concen: 0.351 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Tgt Ion: 69 Resp: 1342
 Ion Ratio Lower Upper
 69 100
 41 0.0 46.6 70.0#
 39 0.0 31.0 46.4#





#57

1,3-Dichloropropane

Concen: 0.303 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.25 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampled :

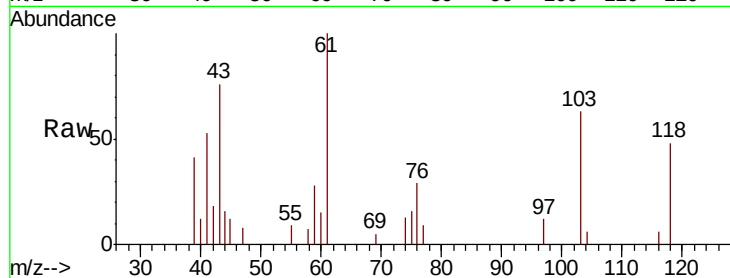
31106-31128

Tot Ion: 76 Resp: 1495

Ion Ratio Lower Upper

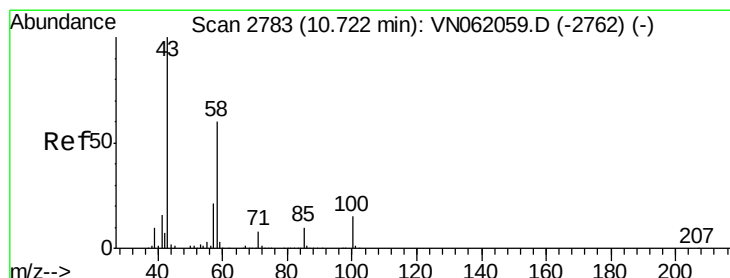
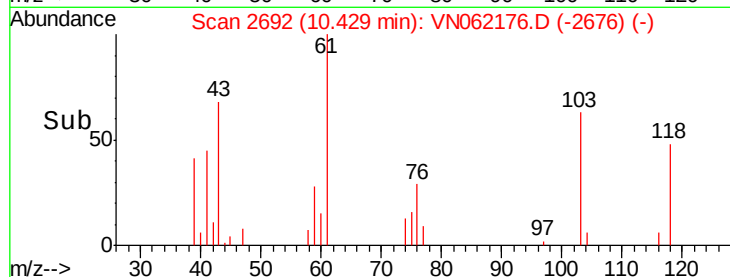
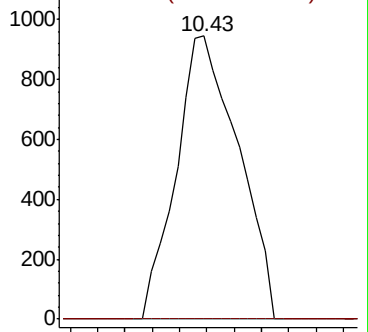
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 0.204 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.01 min

Lab File: VN062176.D

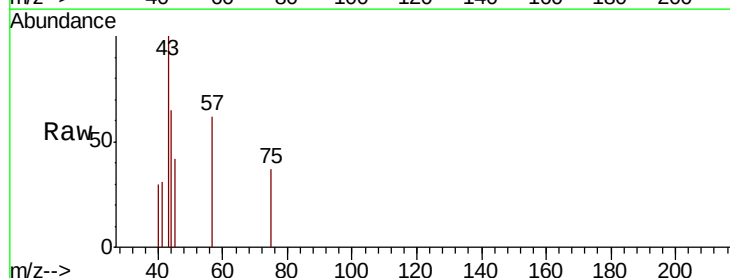
Acq: 27 Jun 2020 6:41

Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

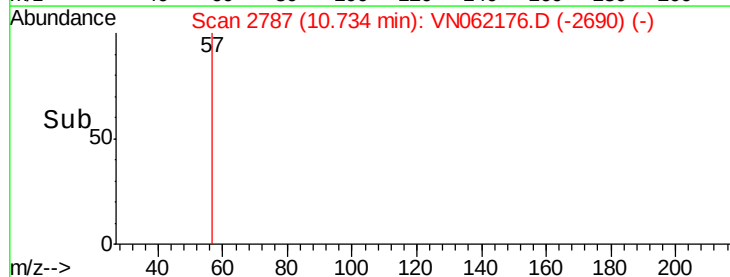
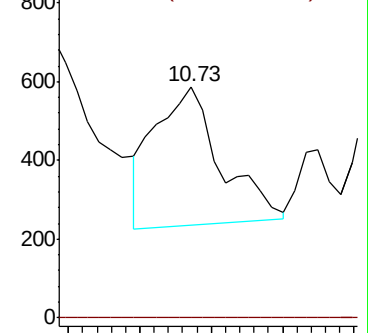
43 100

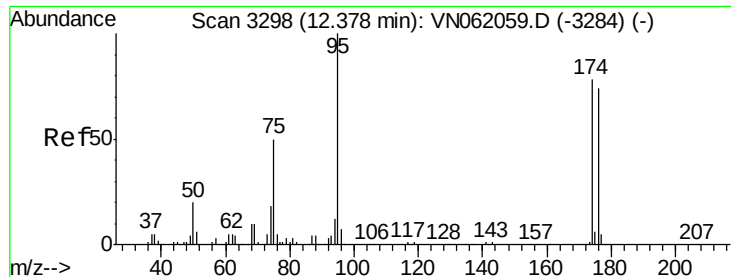
58 0.0 29.5 88.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

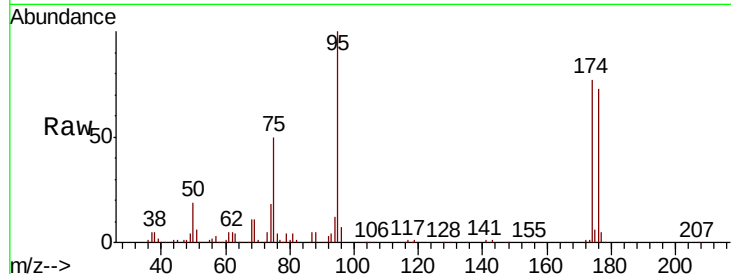




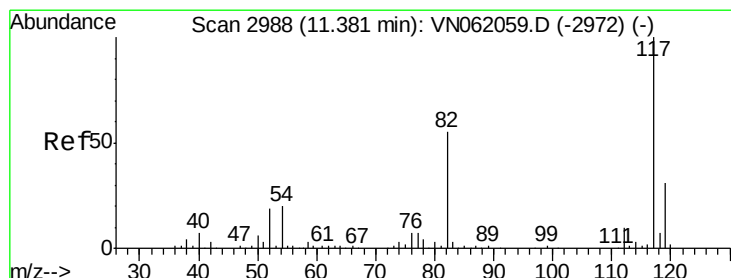
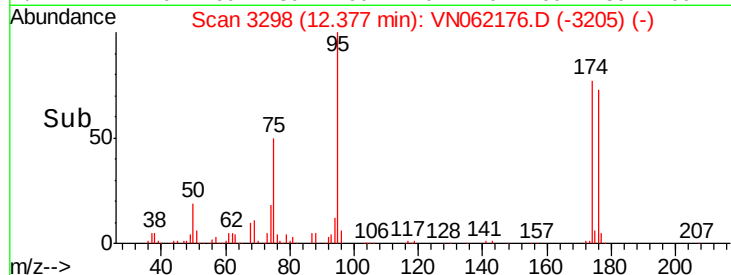
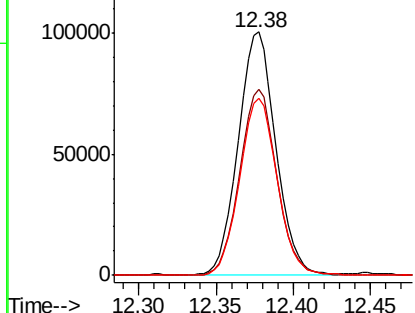
#62
4-Bromofluorobenzene
Concen: 49.920 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Instrument :
MSVOA_N
ClientSampleId :
31106-31128

Tot Ion: 95 Resp: 168771
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.8
176 73.1 0.0 147.4

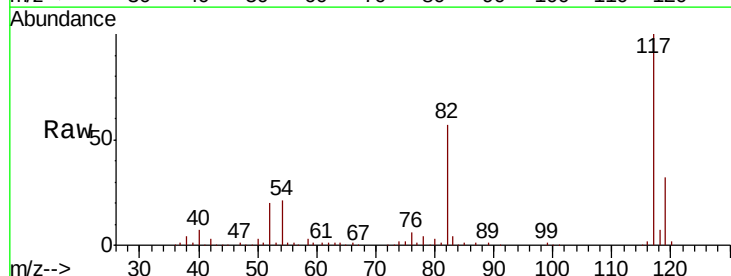


Abundance Ion 94.90 (94.60 to 95.60): VN062176.D (-3205) (-)
Ion 173.80 (173.50 to 174.50): VN062176.D (-3205) (-)
Ion 175.80 (175.50 to 176.50): VN062176.D (-3205) (-)

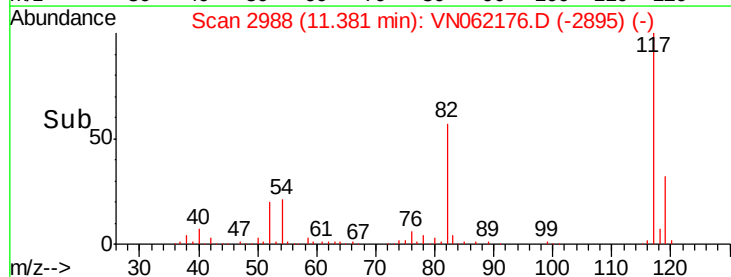
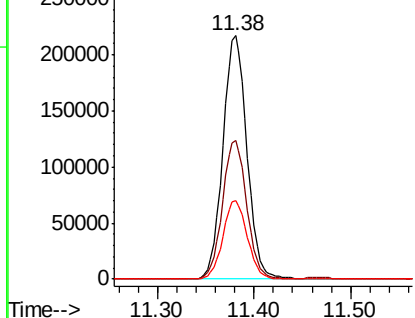


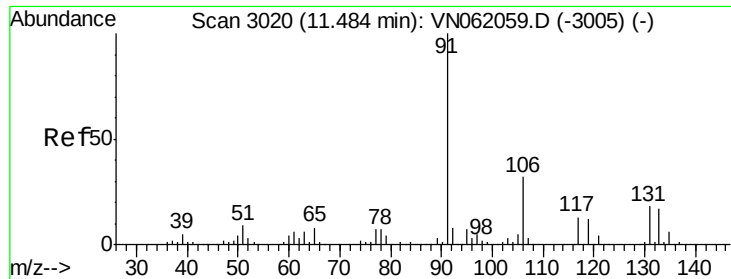
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion: 117 Resp: 374185
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN062176.D (-2895) (-)
Ion 82.00 (81.70 to 82.70): VN062176.D (-2895) (-)
Ion 118.90 (118.60 to 119.60): VN062176.D (-2895) (-)

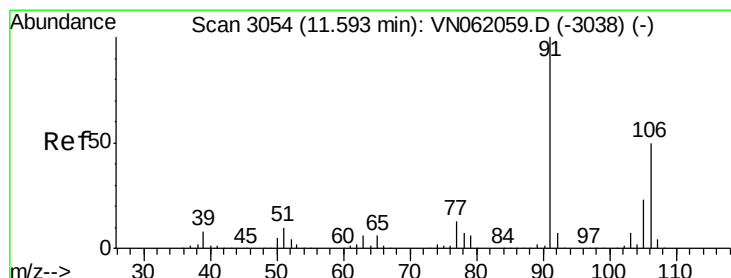
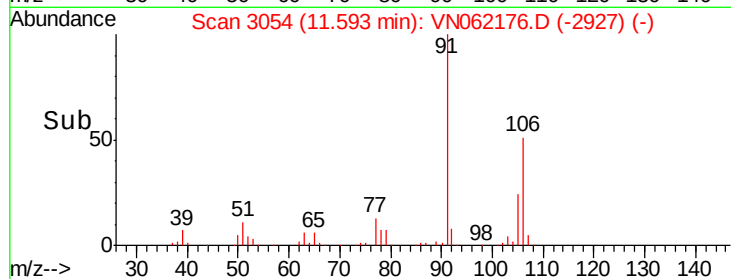
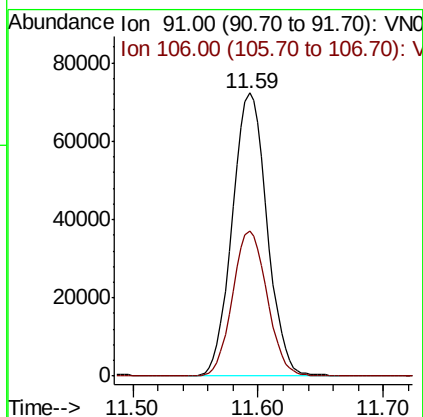
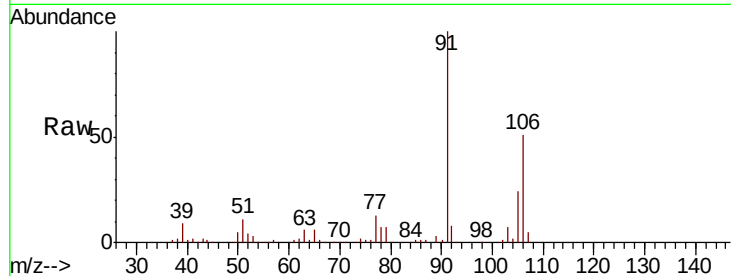




#67
Ethyl Benzene
Concen: 10.063 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.11 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

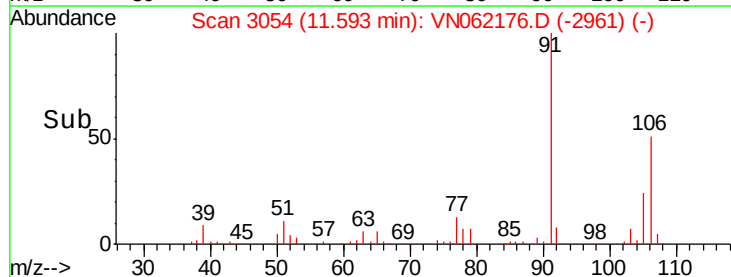
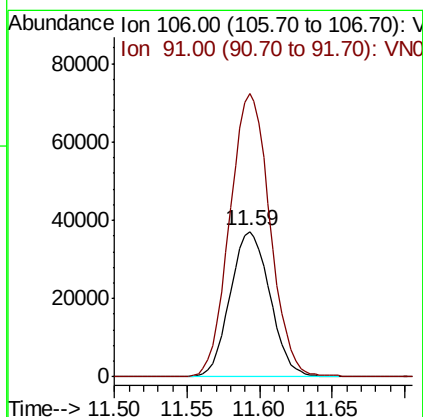
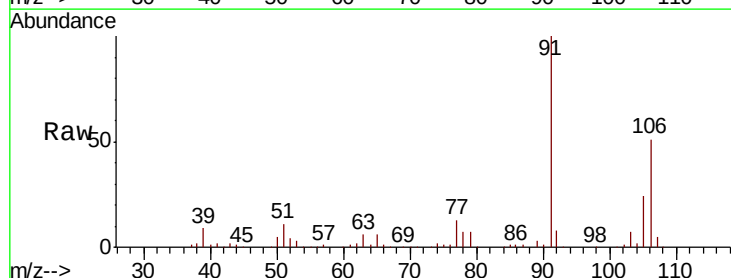
Instrument :
MSVOA_N
ClientSampled :
31106-31128

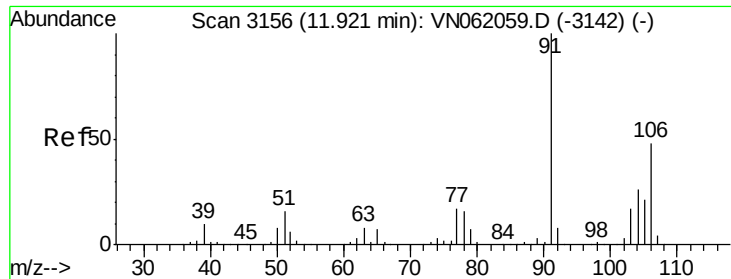
Tot Ion: 91 Resp: 139655
Ion Ratio Lower Upper
91 100
106 51.4 25.3 37.9#



#68
m/p-Xylenes
Concen: 13.220 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion: 106 Resp: 70959
Ion Ratio Lower Upper
106 100
91 196.8 157.8 236.8

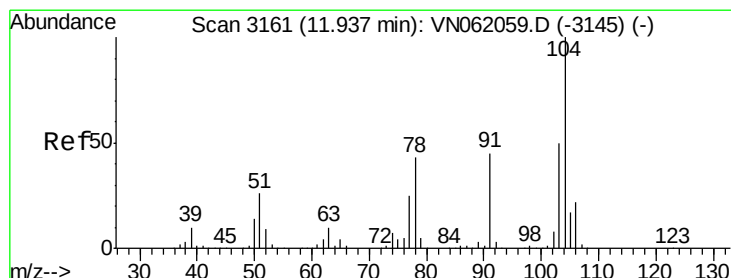
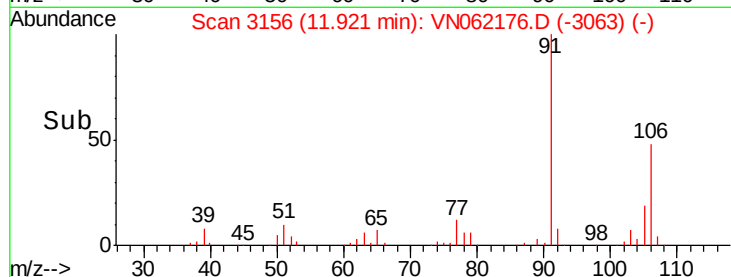
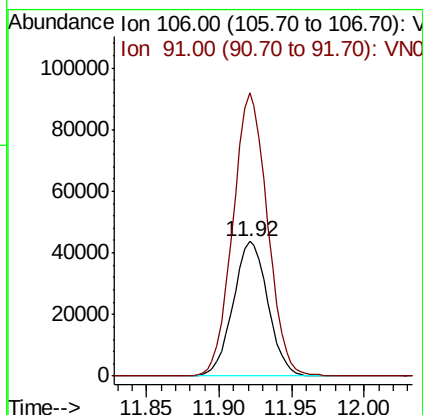
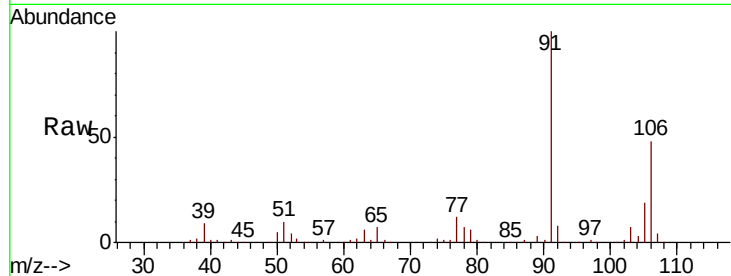




#69
o-Xylene
Concen: 14.346 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

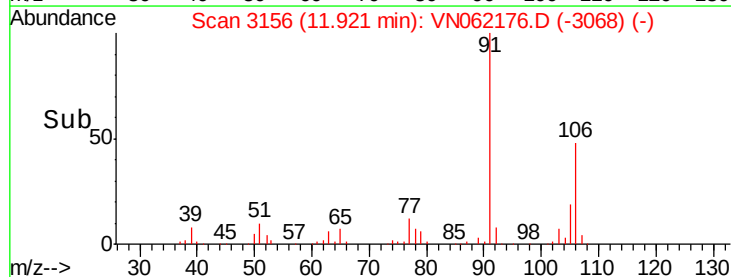
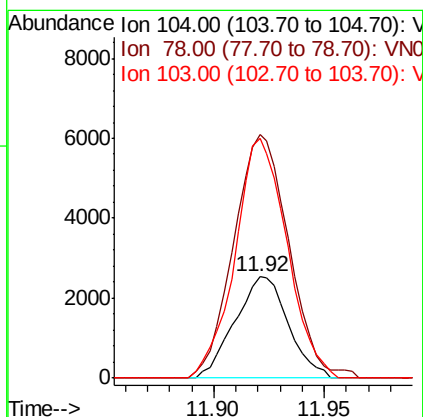
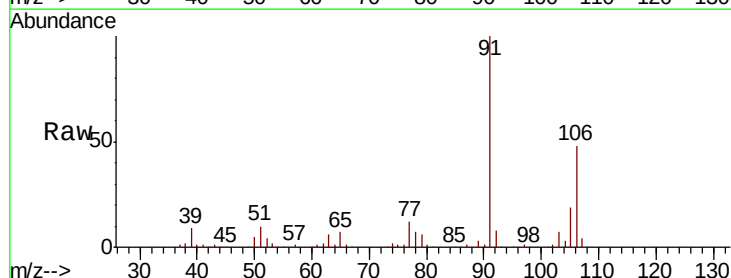
Instrument :
MSVOA_N
ClientSampled :
31106-31128

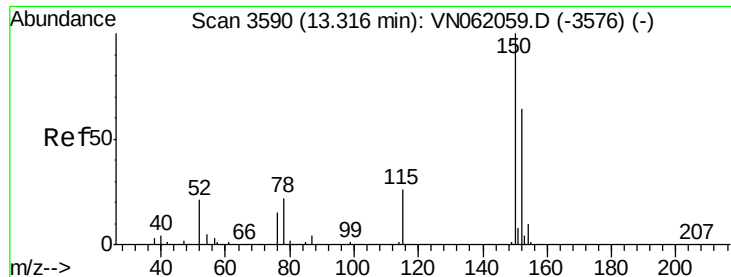
Tot Ion:106 Resp: 72655
Ion Ratio Lower Upper
106 100
91 210.4 104.0 311.9



#70
Styrene
Concen: 0.504 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN062176.D
Acq: 27 Jun 2020 6:41

Tgt Ion:104 Resp: 4254
Ion Ratio Lower Upper
104 100
78 249.0 37.7 56.5#
103 231.5 43.0 64.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

31106-31128

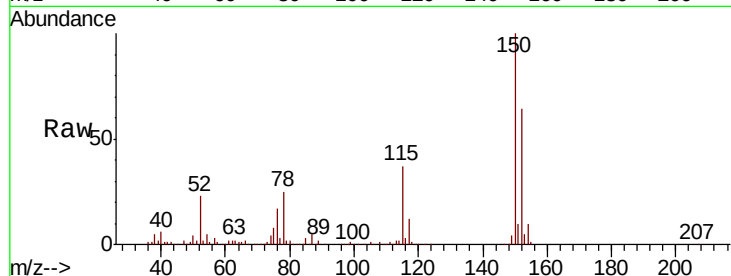
Tot Ion:152 Resp: 153212

Ion Ratio Lower Upper

152 100

115 61.1 29.5 88.5

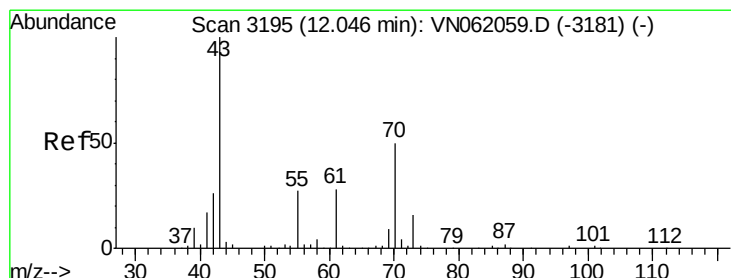
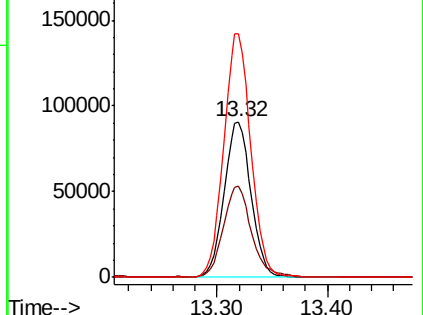
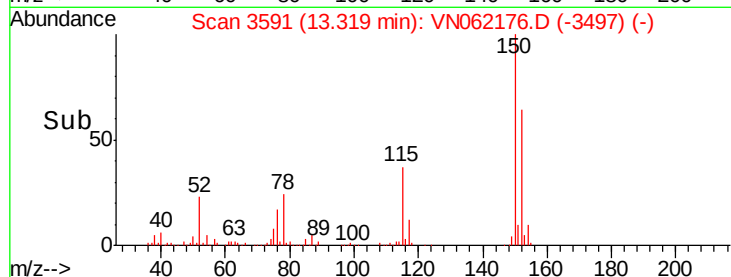
150 157.5 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 3.357 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Tgt Ion: 43 Resp: 65

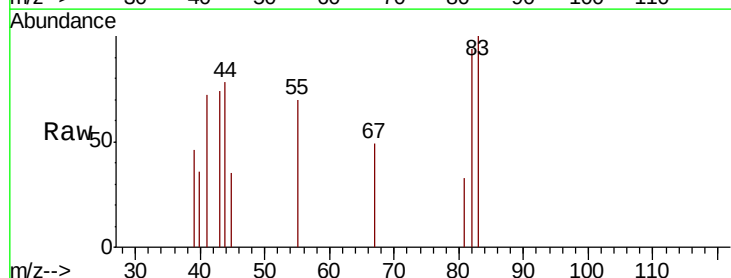
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

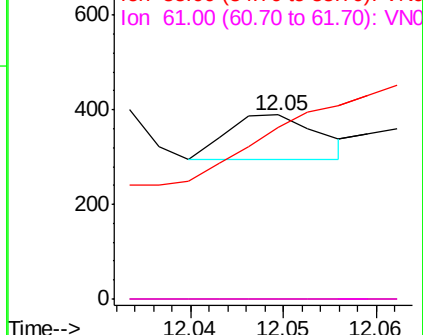
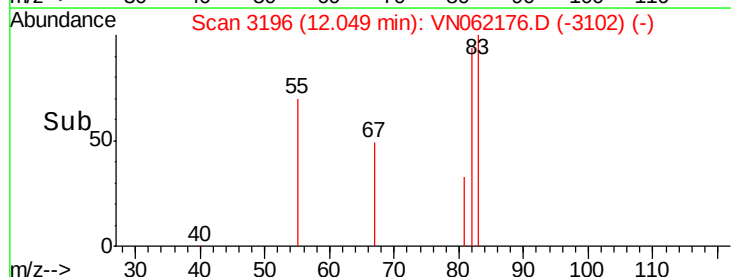


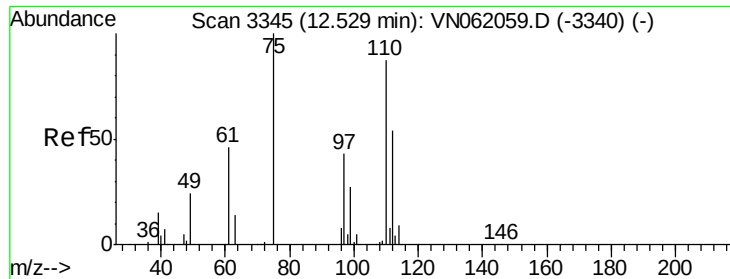
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

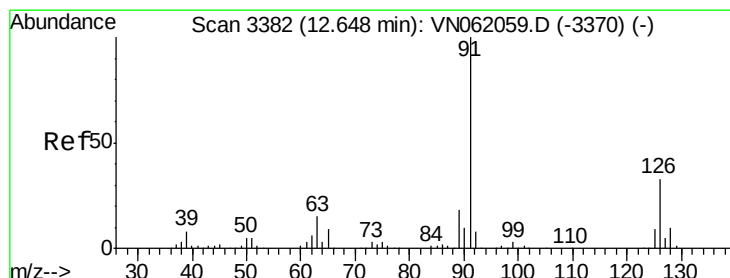
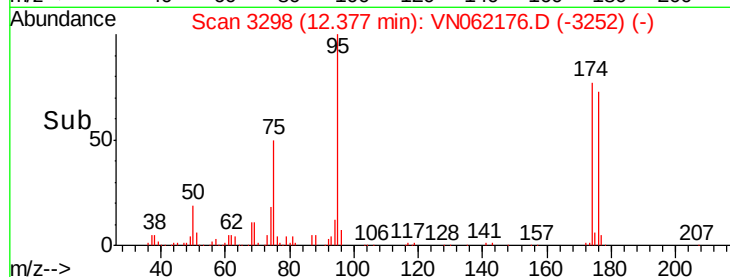
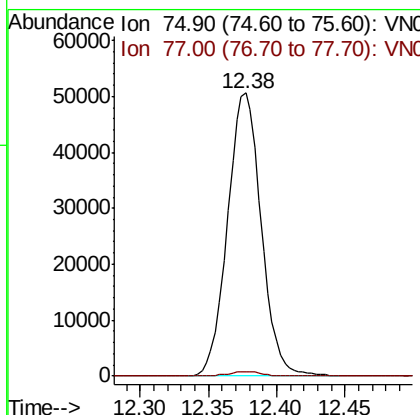
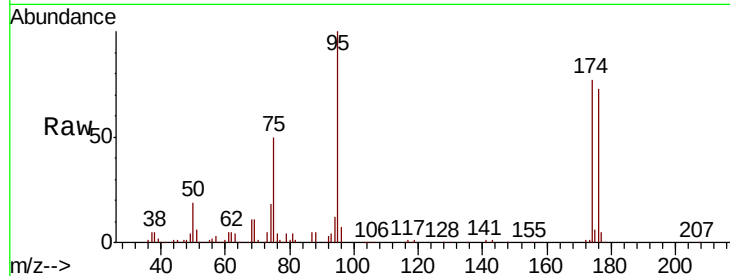




#76
 1,2,3-Trichloropropane
 Concen: 23.997 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

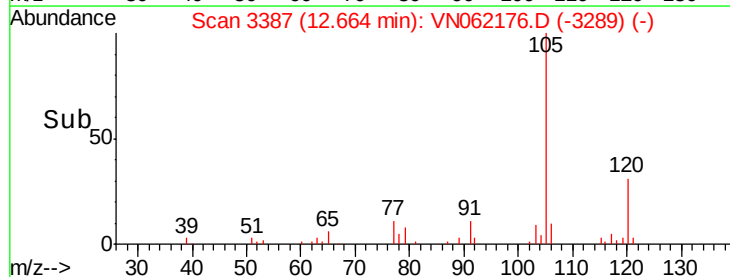
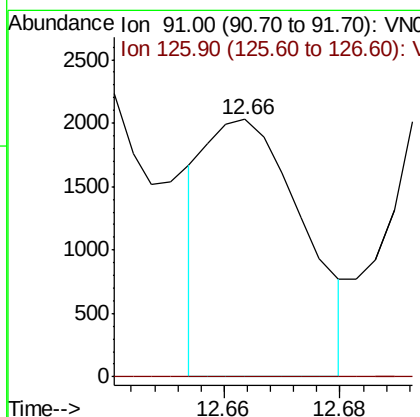
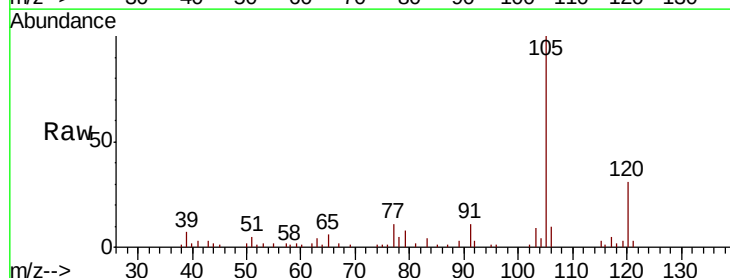
Instrument :
 MSVOA_N
 ClientSampled :
 31106-31128

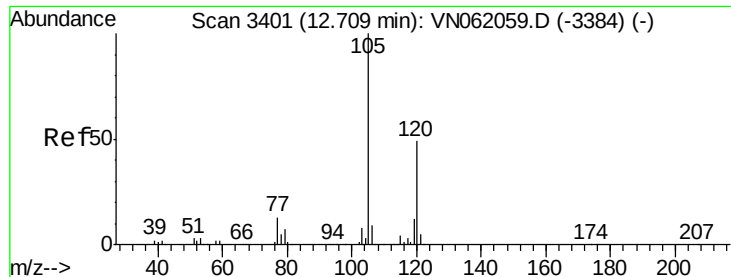
Tot Ion: 75 Resp: 86550
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 0.290 ug/l
 RT: 12.66 min Scan# 3387
 Delta R.T. 0.02 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Tgt Ion: 91 Resp: 2375
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 10.016 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

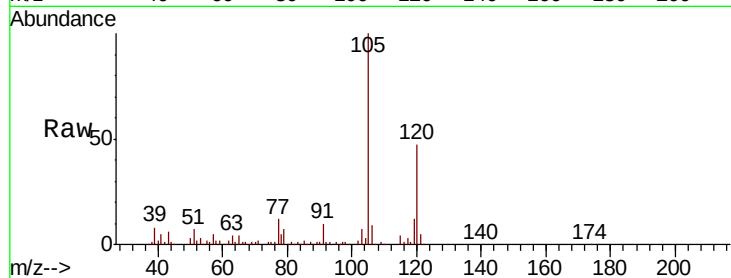
31106-31128

Tot Ion:105 Resp: 96300

Ion Ratio Lower Upper

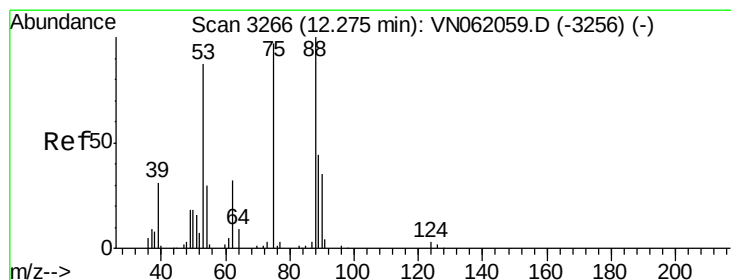
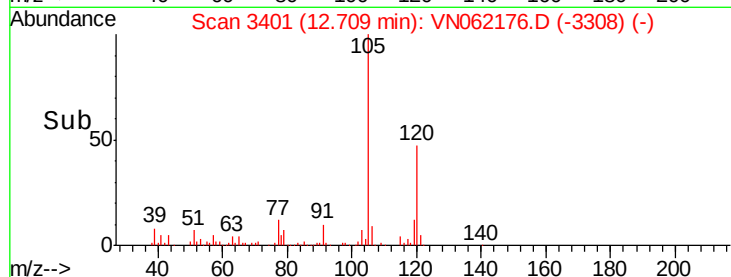
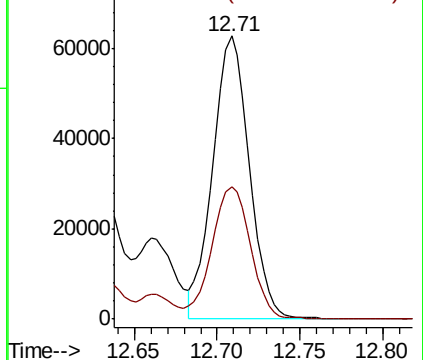
105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 70.080 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

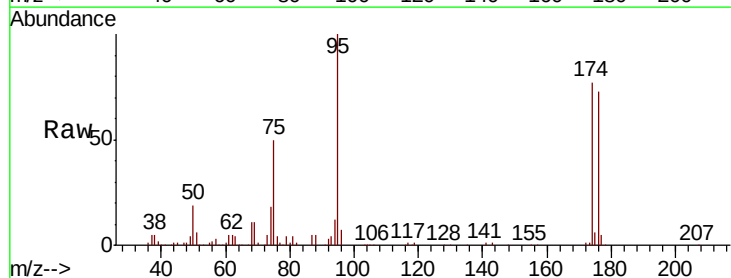
Tgt Ion: 75 Resp: 86550

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

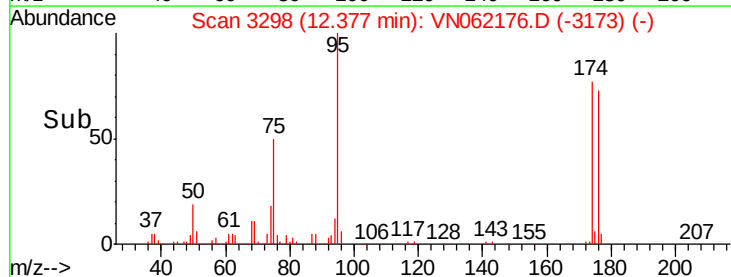
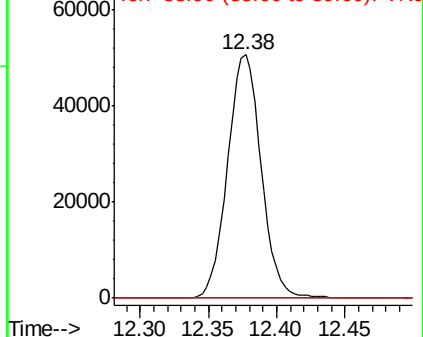
89 0.0 36.9 55.3#

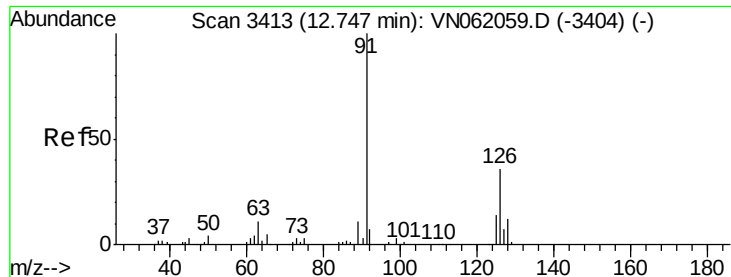


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 1.215 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

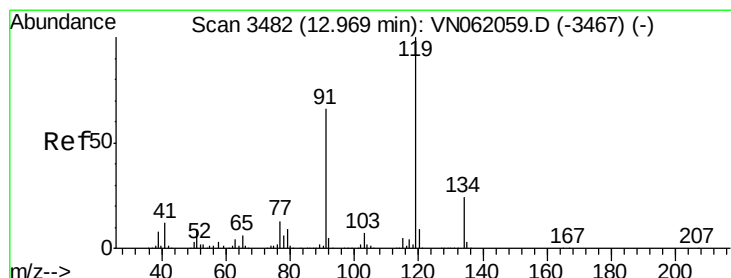
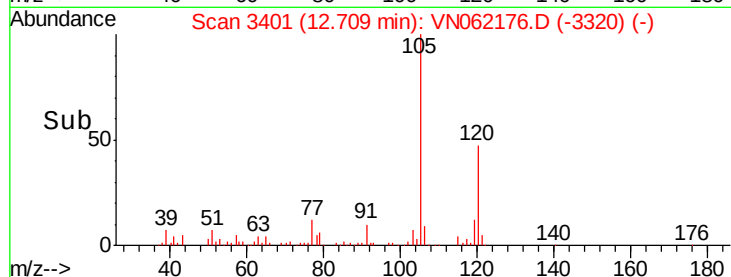
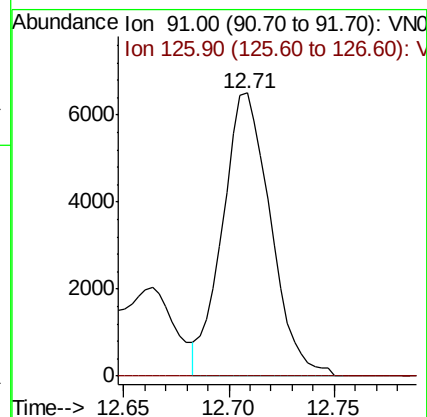
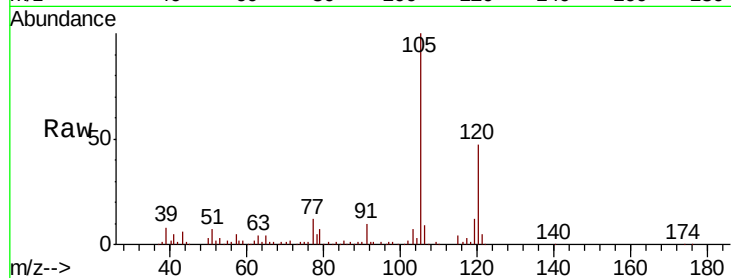
31106-31128

Tot Ion: 91 Resp: 10306

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



#83

tert-Butylbenzene

Concen: 0.523 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

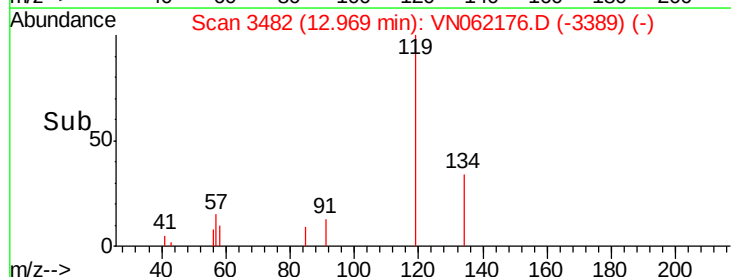
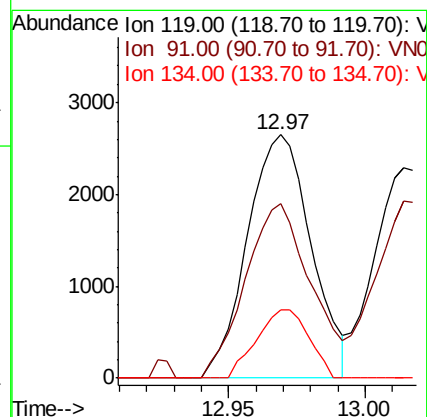
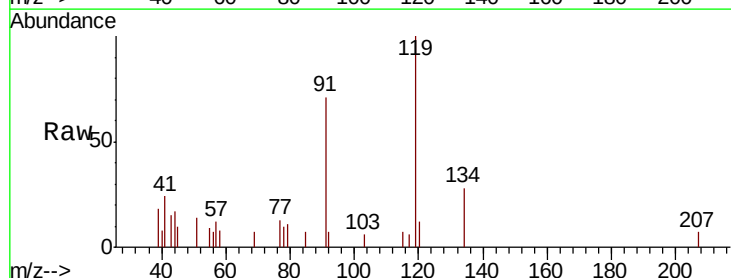
Tgt Ion: 119 Resp: 4300

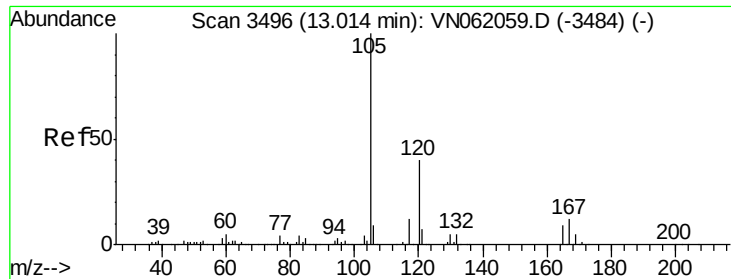
Ion Ratio Lower Upper

119 100

91 73.2 31.7 95.1

134 23.0 13.1 39.1

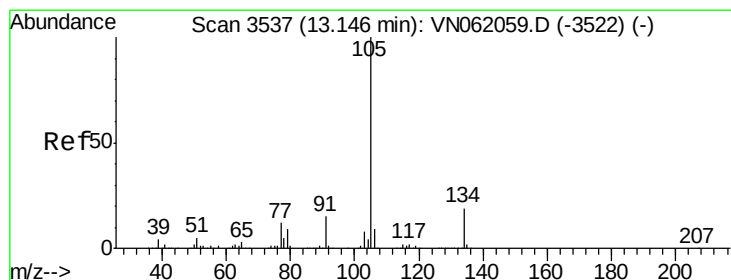
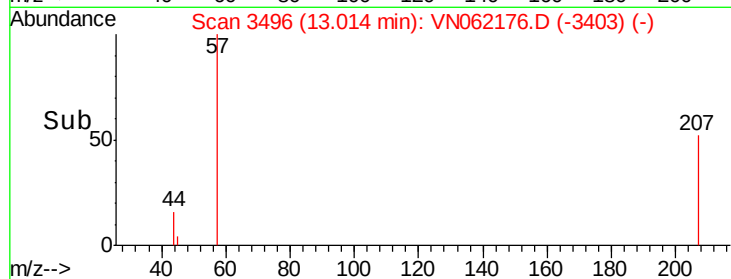
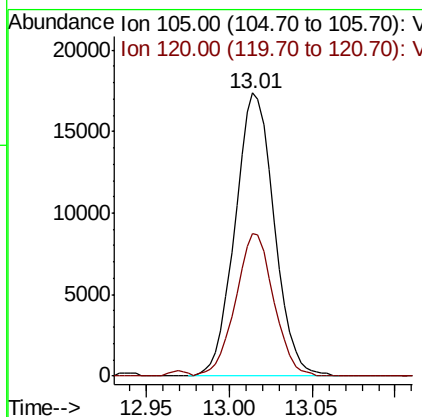
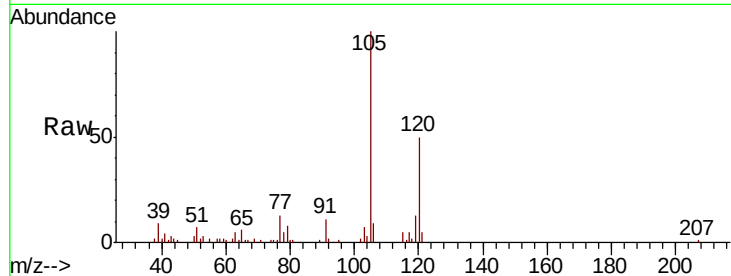




#84
 1,2,4-Trimethylbenzene
 Concen: 2.962 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

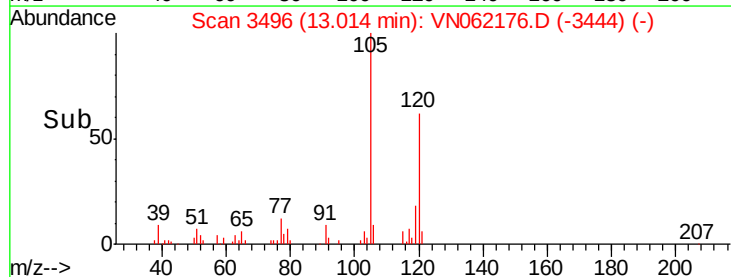
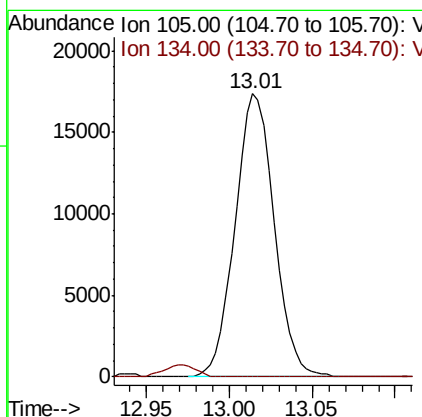
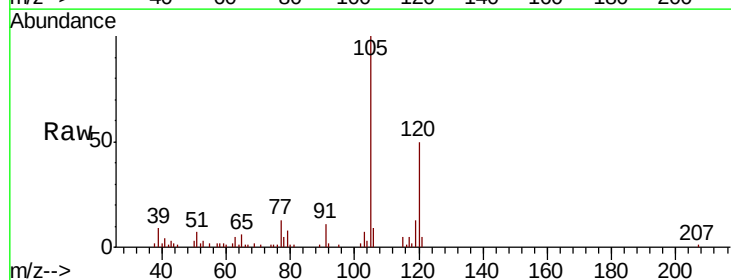
Instrument :
 MSVOA_N
 ClientSampled :
 31106-31128

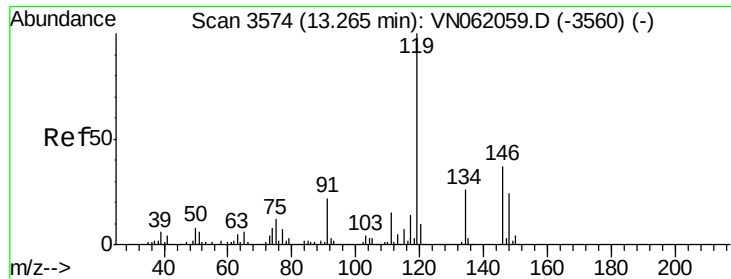
Tot Ion:105 Resp: 28440
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 2.616 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Tgt Ion:105 Resp: 28440
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

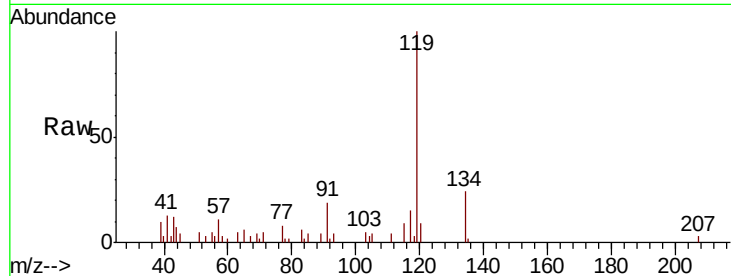




#86
 p-Isopropyltoluene
 Concen: 1.112 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Instrument :
 MSVOA_N
 ClientSampleId :
 31106-31128

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.0	39.0
91	21.7	11.3	33.8

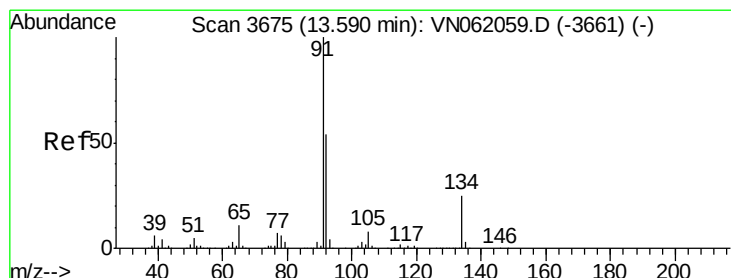
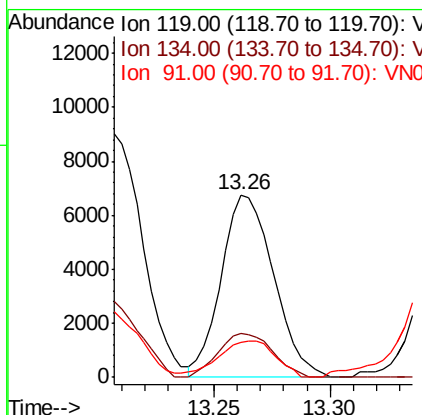
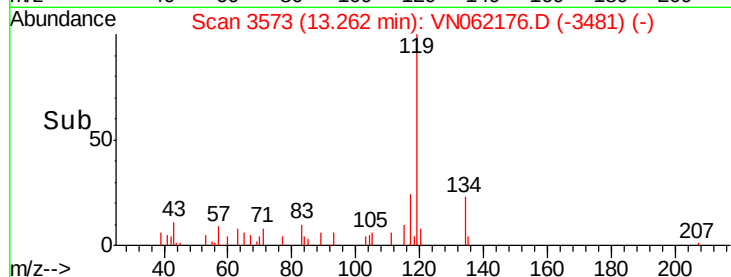


Abundance

Ion 119.00 (118.70 to 119.70): V

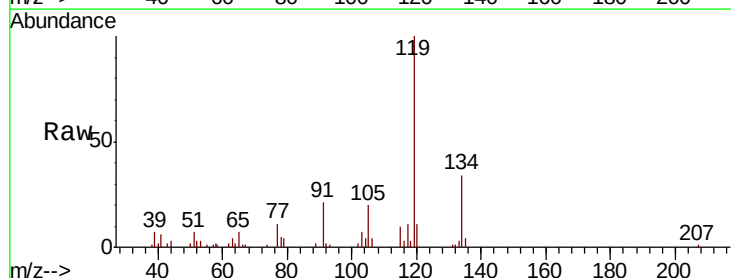
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
 n-Butylbenzene
 Concen: 0.886 ug/l
 RT: 13.55 min Scan# 3664
 Delta R.T. -0.04 min
 Lab File: VN062176.D
 Acq: 27 Jun 2020 6:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	10.7	26.6	79.7#
134	139.0	12.3	36.9#

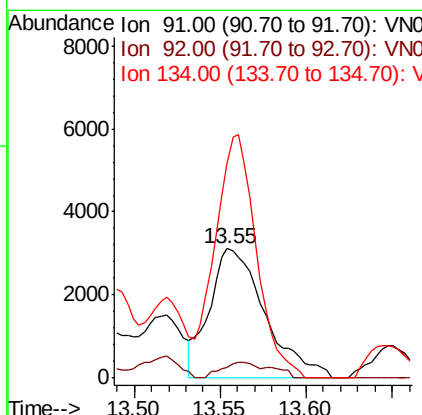
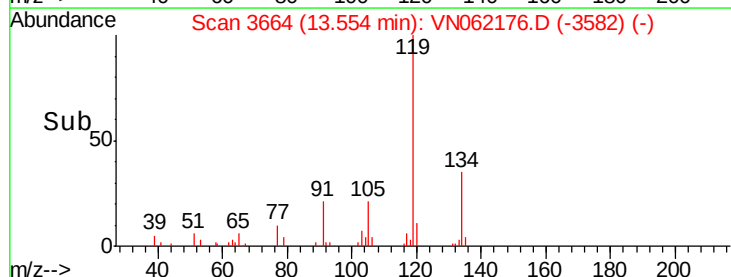


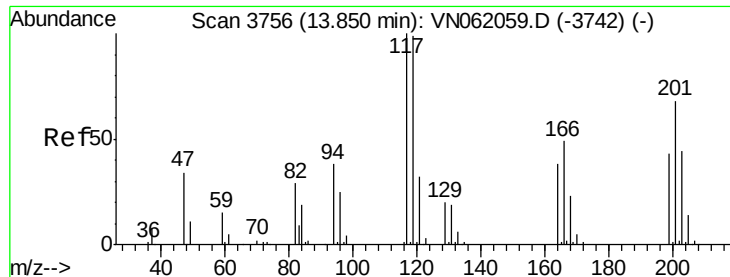
Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.749 ug/l

RT: 13.87 min Scan# 3761

Delta R.T. 0.02 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampled :

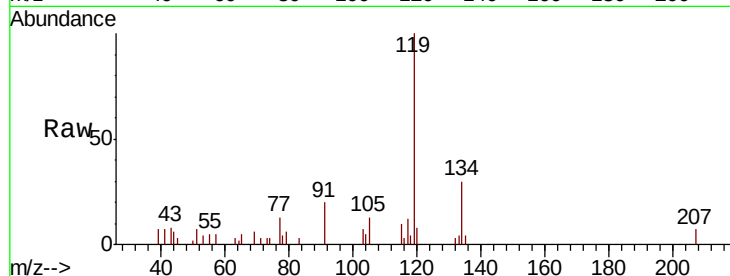
31106-31128

Tot Ion:117 Resp: 1400

Ion Ratio Lower Upper

117 100

201 0.0 32.7 98.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

800

600

400

200

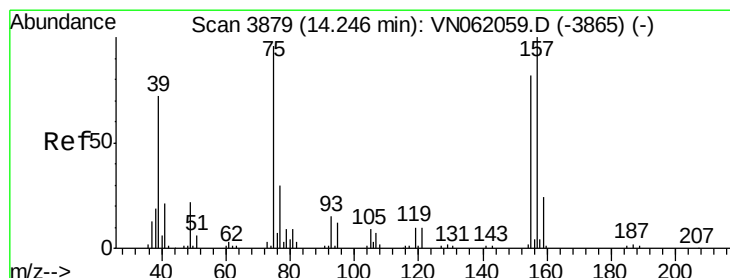
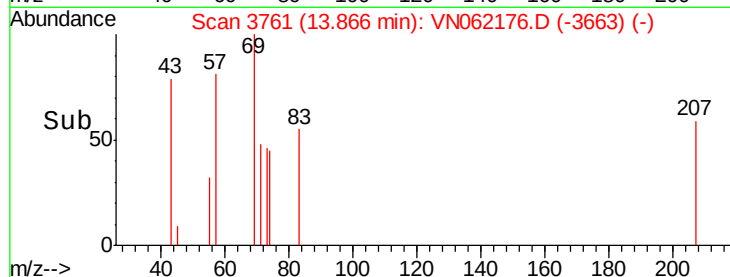
0

13.85

13.87

13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.599 ug/l

RT: 13.97 min Scan# 3793

Delta R.T. -0.28 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

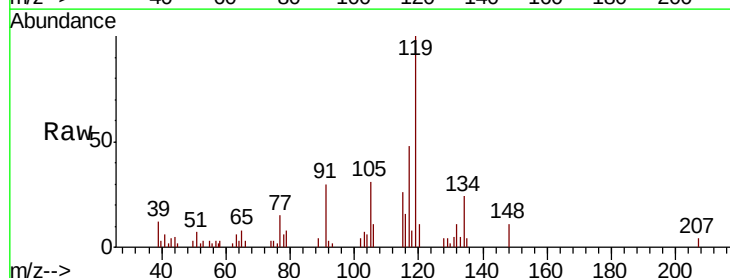
Tgt Ion: 75 Resp: 379

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.4#

157 0.0 51.4 154.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

400

300

200

100

0

13.94

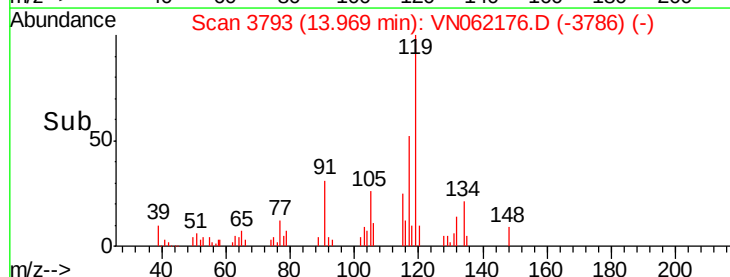
13.96

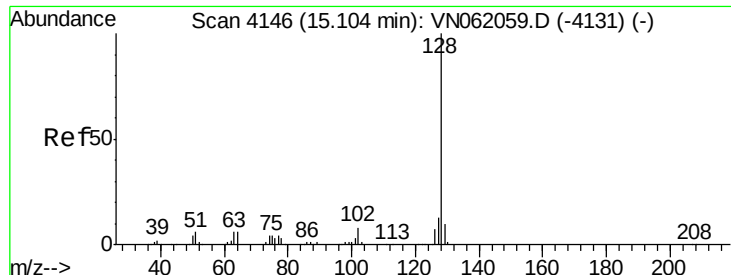
13.97

13.98

14.00

Time-->





#95

Naphthalene

Concen: 4.383 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062176.D

Acq: 27 Jun 2020 6:41

Instrument :

MSVOA_N

ClientSampleId :

31106-31128

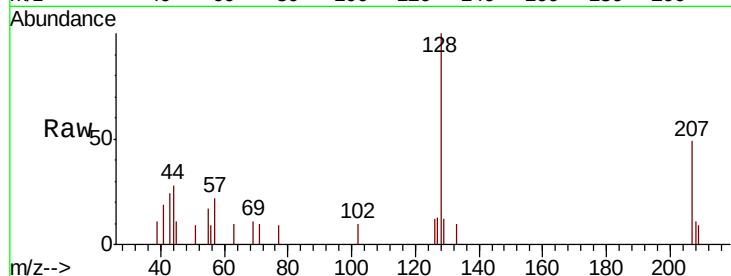
Tot Ion:128 Resp: 3083

Ion Ratio Lower Upper

128 100

127 4.7 10.5 15.7#

129 7.1 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

