

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061619.D
 Acq On : 2 Jun 2020 14:34
 Operator : JC/MD
 Sample : L2822-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:47:42 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	320196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	567745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	607478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	340878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	185022	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	7.55	113	143339	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.06	98	695123	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.37	95	319386	65.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.18%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.73	59	285	0.562	ug/l #	72
13) Acrolein	3.57	56	2104	Below Cal	#	13
14) Allyl chloride	4.28	41	4647	1.086	ug/l #	21
16) Acetone	3.77	43	291119	277.573	ug/l	98
18) Methyl Acetate	4.28	43	243978	70.646	ug/l	99
20) Methylene Chloride	4.50	84	227421	66.149	ug/l	97
25) 2-Butanone	6.78	43	698270	386.210	ug/l	98
28) Bromochloromethane	7.16	49	678	Below Cal	#	3
29) Tetrahydrofuran	7.17	42	220746	185.154	ug/l	97
31) Cyclohexane	7.62	56	6134	1.141	ug/l #	37
36) 1,1-Dichloropropene	7.63	75	21973	4.372	ug/l #	48
37) Ethyl Acetate	6.78	43	698270	172.493	ug/l #	66
38) Carbon Tetrachloride	7.62	117	31417	6.480	ug/l #	16
40) Benzene	8.00	78	977528	63.036	ug/l	100
41) Methacrylonitrile	7.17	41	128966	69.535	ug/l #	26
42) 1,2-Dichloroethane	8.00	62	7687	1.481	ug/l	73
43) Isopropyl Acetate	8.13	43	58922	8.090	ug/l #	92
45) 1,2-Dichloropropane	9.10	63	2236	0.607	ug/l #	1
48) Methyl methacrylate	9.16	41	23606	7.204	ug/l #	59
49) 1,4-Dioxane	9.15	88	222	4.373	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	140316	34.189	ug/l	99
52) Toluene	10.12	92	2862487	282.810	ug/l	89
53) t-1,3-Dichloropropene	10.28	75	2911	0.483	ug/l #	53
54) cis-1,3-Dichloropropene	9.87	75	27821	4.293	ug/l #	58
55) 1,1,2-Trichloroethane	10.45	97	4635	1.149	ug/l #	25
56) Ethyl methacrylate	10.28	69	8031	1.426	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	3963	0.614	ug/l #	42
59) 2-Hexanone	10.72	43	815709	276.745	ug/l	91
67) Ethyl Benzene	11.48	91	1005571	46.075	ug/l	99
68) m/p-Xylenes	11.59	106	979271	113.163	ug/l	99
69) o-Xylene	11.92	106	636233	77.408	ug/l	99
70) Styrene	11.94	104	143651	10.554	ug/l #	37
71) Bromoform	12.37	173	933	0.258	ug/l #	28
73) Isopropylbenzene	12.22	105	38964	1.566	ug/l	96

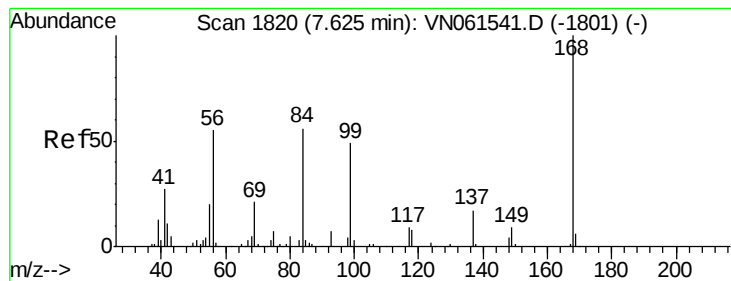
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.00	43	599466	76.510	uq/l #	48
75) 1,1,2,2-Tetrachloroethane	12.49	83	26711	3.831	uq/l #	26
76) 1,2,3-Trichloropropane	12.37	75	141731	22.865	uq/l #	100
78) n-propylbenzene	12.56	91	122098	4.396	uq/l	99
79) 2-Chlorotoluene	12.63	91	35062	2.117	uq/l #	68
80) 1,3,5-Trimethylbenzene	12.71	105	127355	6.124	uq/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	7965	3.286	uq/l #	1
82) 4-Chlorotoluene	12.71	91	12223	0.702	uq/l #	40
83) tert-Butylbenzene	13.01	119	61894	3.369	uq/l #	57
84) 1,2,4-Trimethylbenzene	13.01	105	503209	24.359	uq/l	99
85) sec-Butylbenzene	13.01	105	503209	21.255	uq/l #	55
86) p-Isopropyltoluene	13.23	119	230838	10.587	uq/l #	69
89) n-Butylbenzene	13.59	91	20931	1.146	uq/l #	74
90) Hexachloroethane	13.86	117	6163	2.556	uq/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	84364	59.331	uq/l #	1
95) Naphthalene	15.10	128	927499	48.481	uq/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

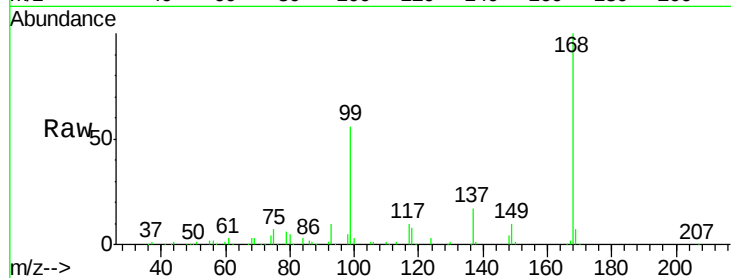
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 320196

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

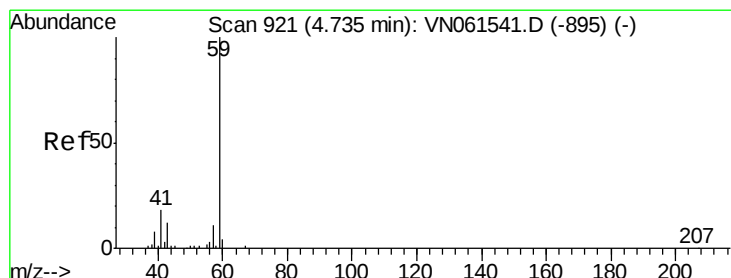
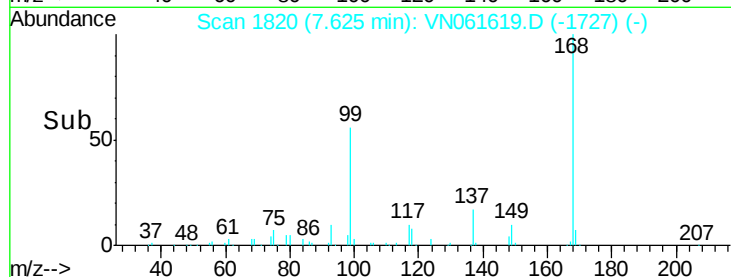
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.562 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN061619.D

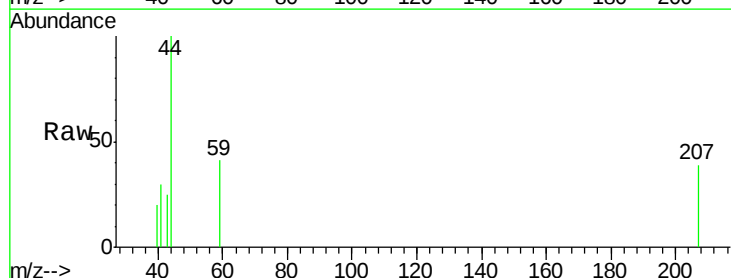
Acq: 2 Jun 2020 14:34

Tgt Ion: 59 Resp: 285

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

400

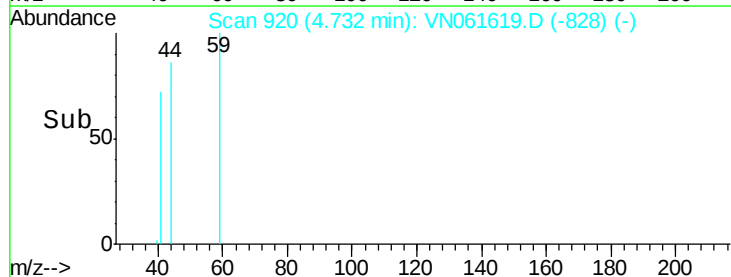
300

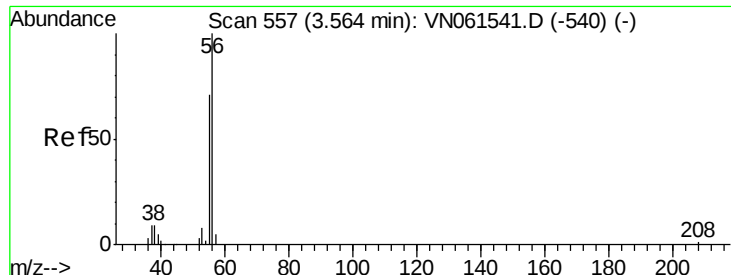
200

100

0

Time--> 4.72 4.73 4.74





#13

Acrolein

Concen: Below Cal

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

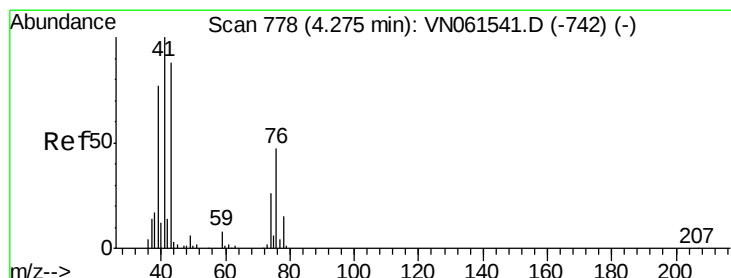
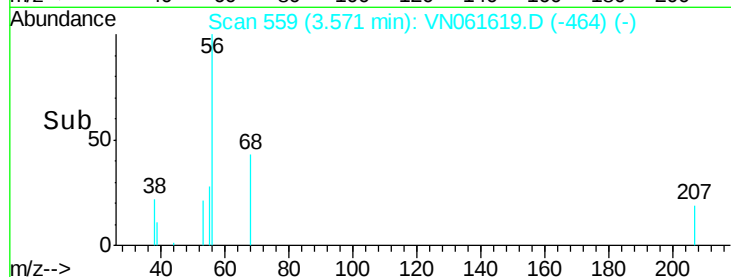
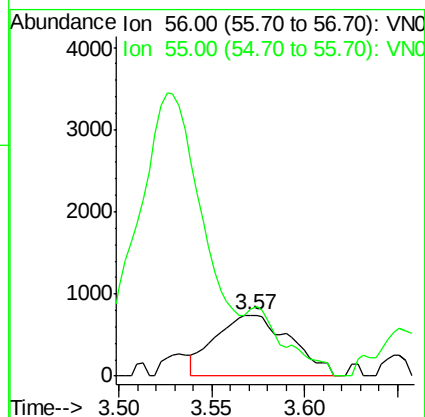
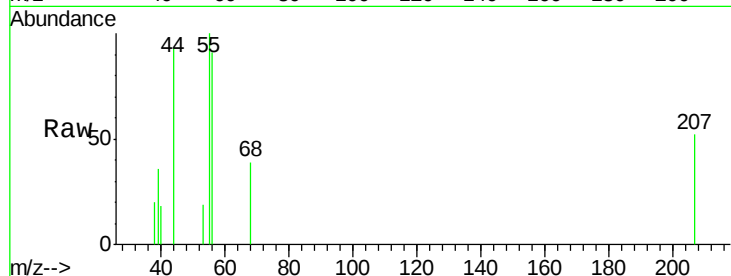
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 2104

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



#14

Allyl chloride

Concen: 1.086 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

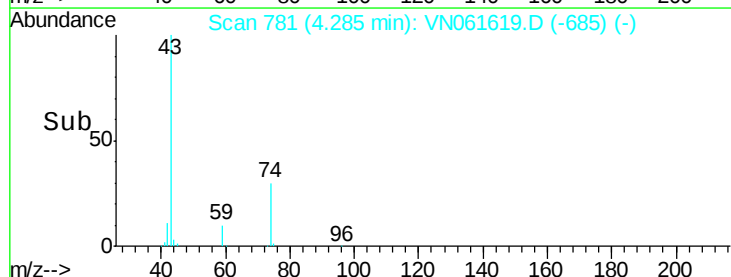
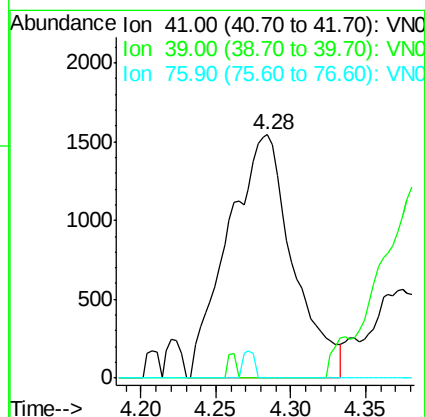
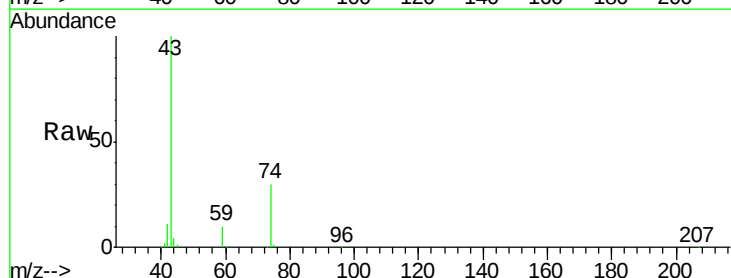
Tgt Ion: 41 Resp: 4647

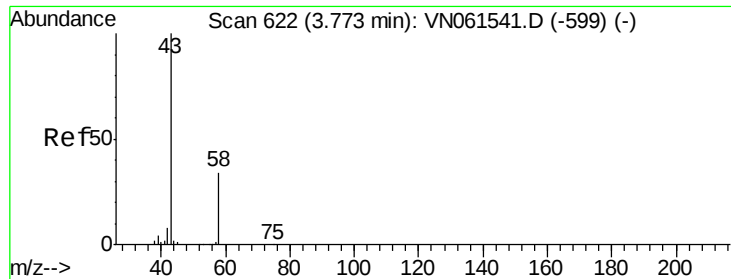
Ion Ratio Lower Upper

41 100

39 0.0 58.6 88.0#

76 2.0 34.2 51.4#

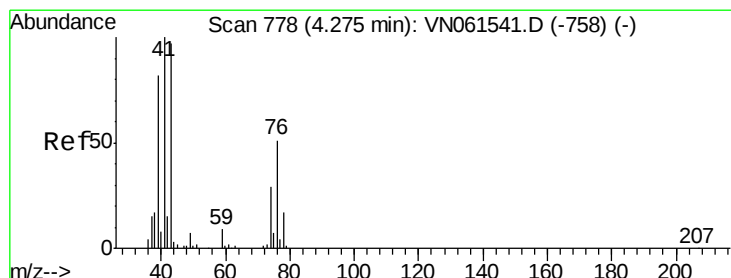
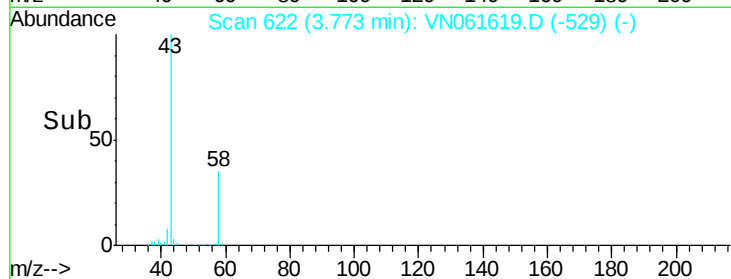
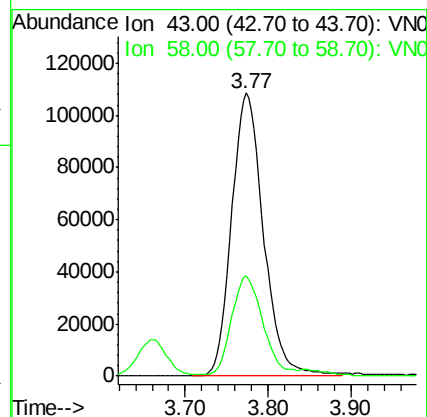
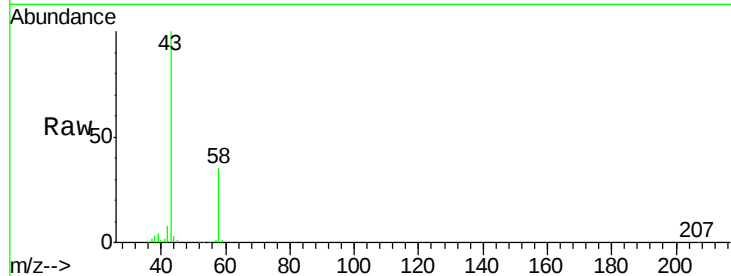




#16
Acetone
Concen: 277.573 ug/l
RT: 3.77 min Scan# 622
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

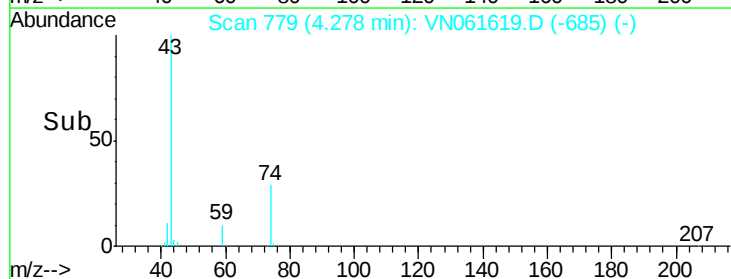
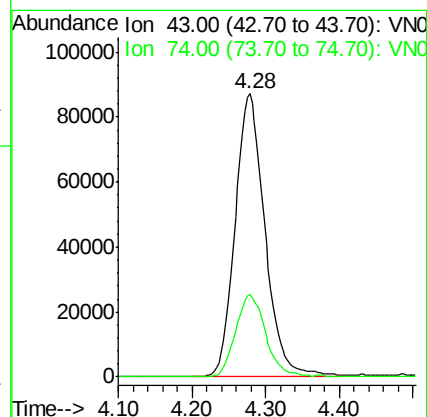
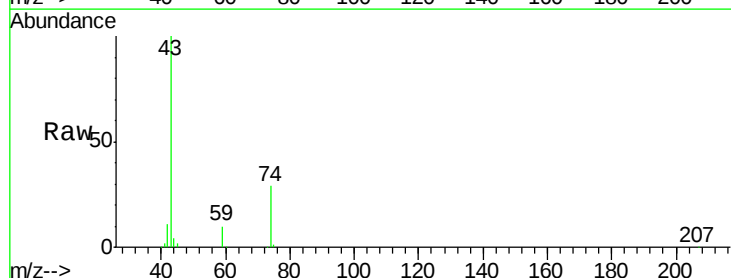
Instrument :
MSVOA_N
ClientSampled :

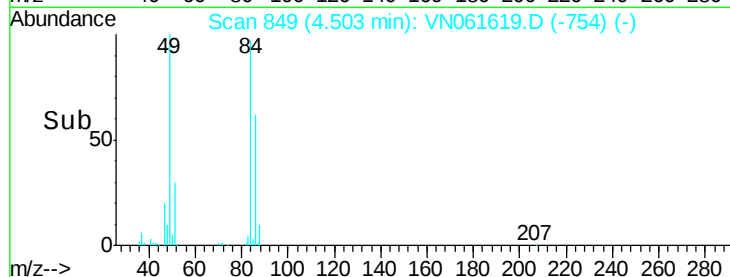
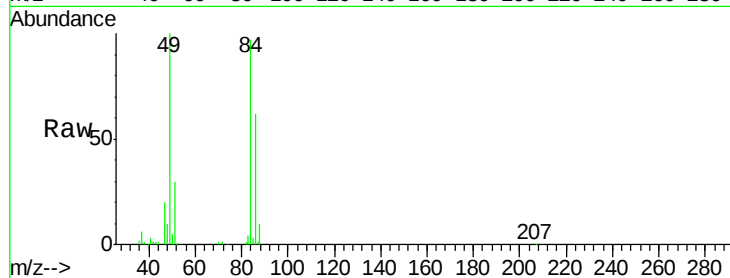
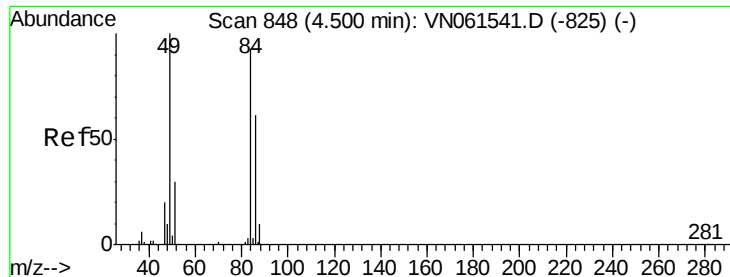
Tot Ion: 43 Resp: 291119
Ion Ratio Lower Upper
43 100
58 35.0 27.2 40.8



#18
Methyl Acetate
Concen: 70.646 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

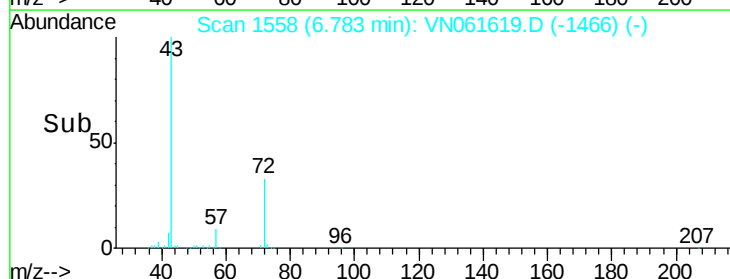
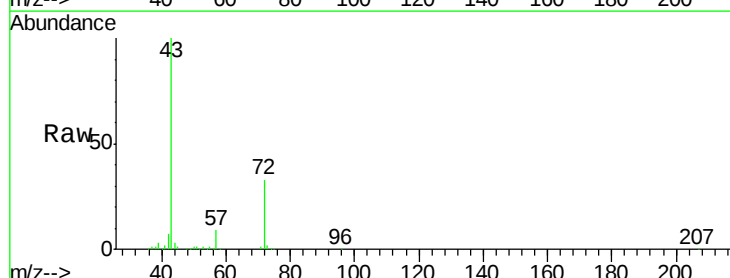
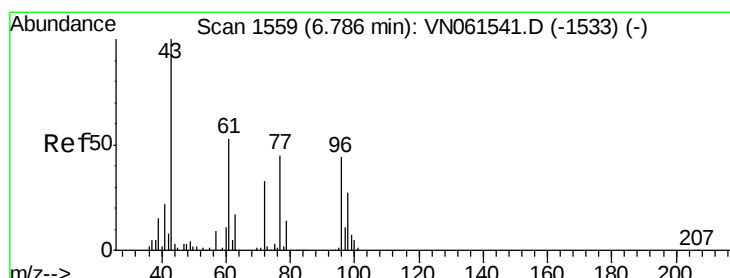
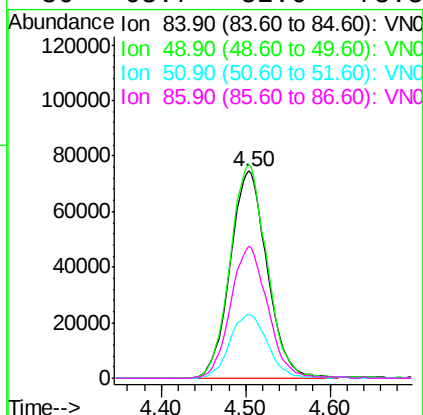
Tgt Ion: 43 Resp: 243978
Ion Ratio Lower Upper
43 100
74 29.5 23.2 34.8





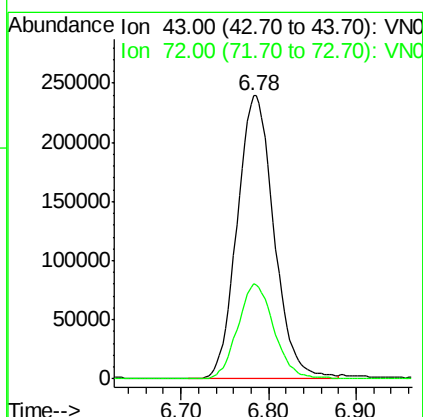
#20
Methvlene Chloride
Concen: 66.149 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

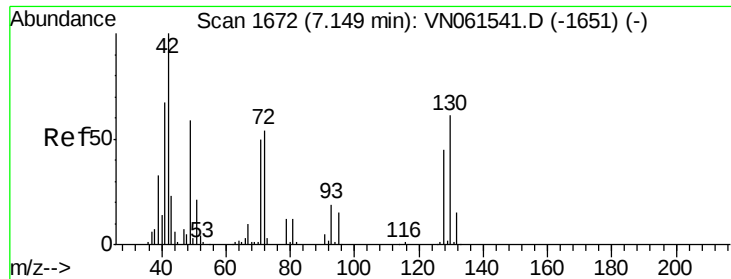
Tot Ion:	84	Resp:	227421
Ion	Ratio	Lower	Upper
84	100		
49	103.3	85.8	128.8
51	30.9	26.2	39.2
86	63.7	52.6	78.8



#25
2-Butanone
Concen: 386.210 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:	43	Resp:	698270
Ion	Ratio	Lower	Upper
43	100		
72	33.5	26.0	39.0

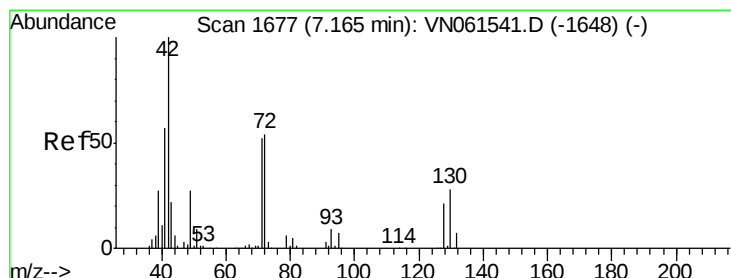
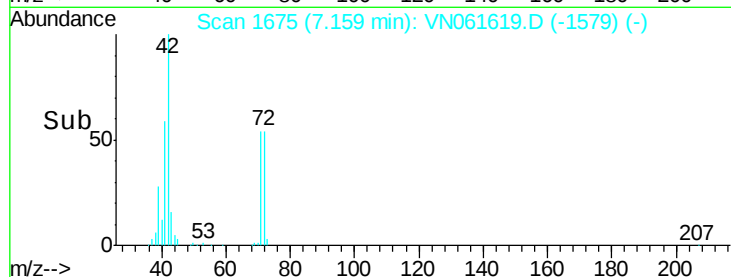
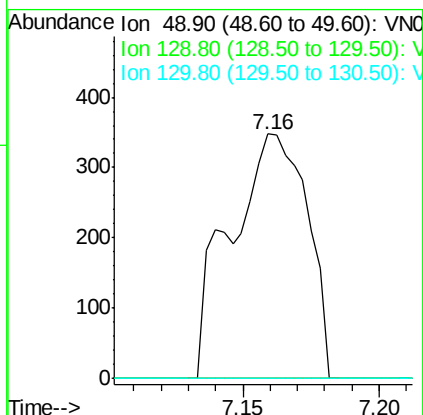
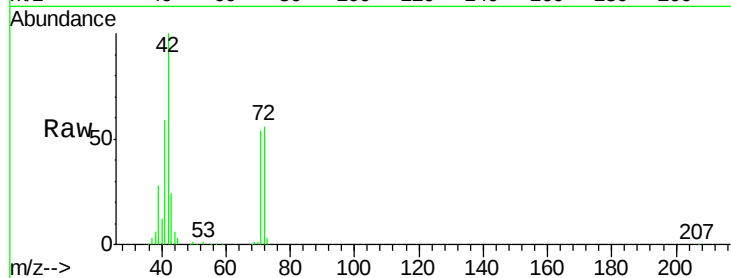




#28
Bromochloromethane
Concen: Below Cal
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

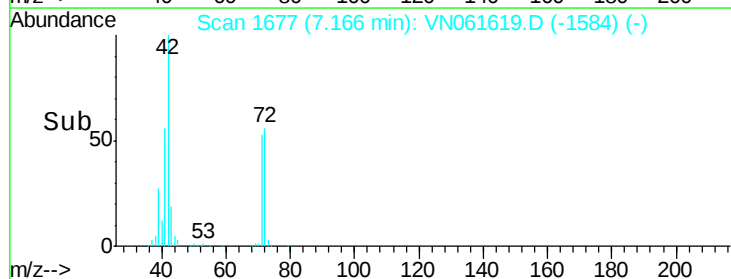
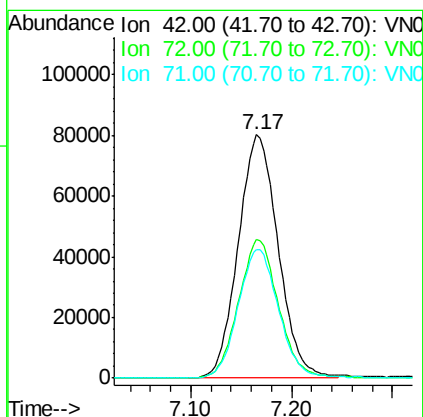
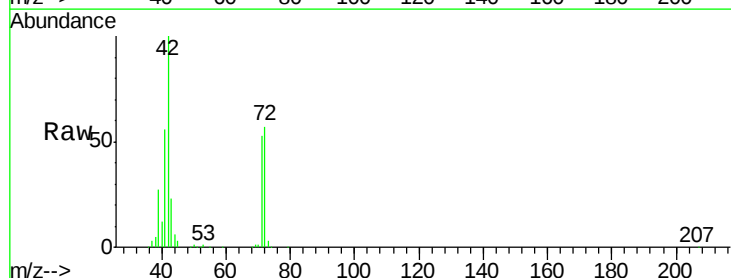
Instrument :
MSVOA_N
ClientSampled :

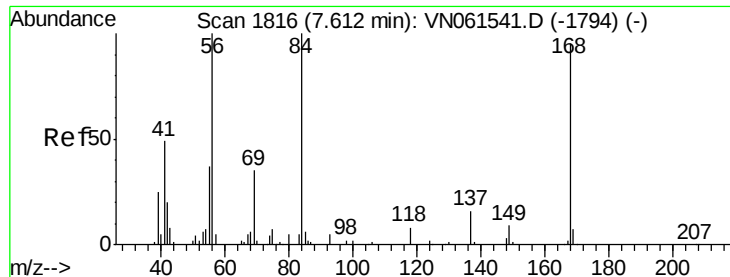
Tot Ion: 49 Resp: 678
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 78.8 118.2#



#29
Tetrahydrofuran
Concen: 185.154 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 42 Resp: 220746
Ion Ratio Lower Upper
42 100
72 57.0 43.6 65.4
71 53.5 41.2 61.8

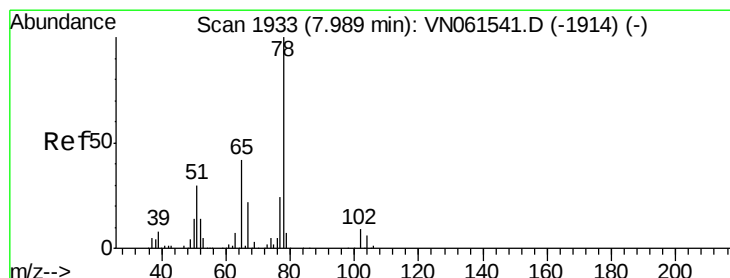
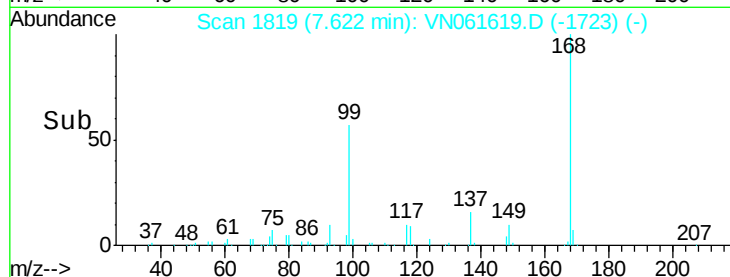
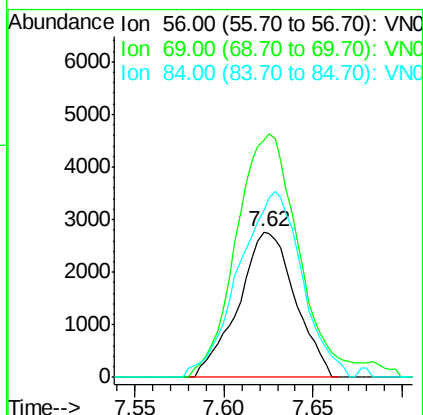
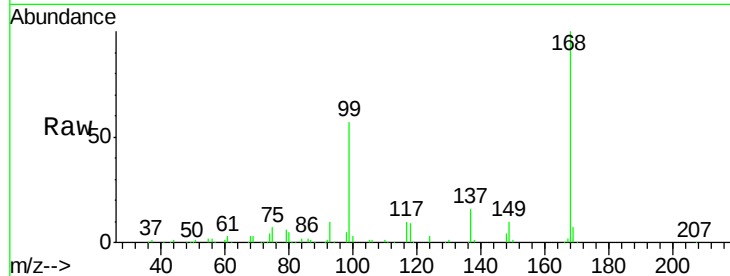




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

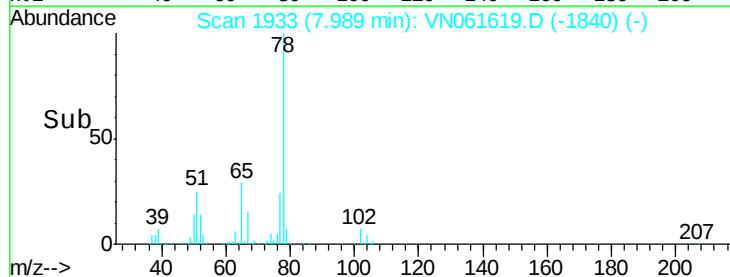
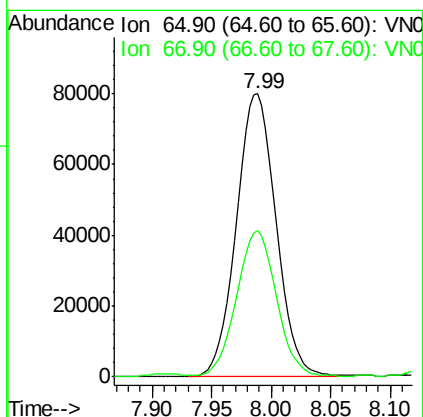
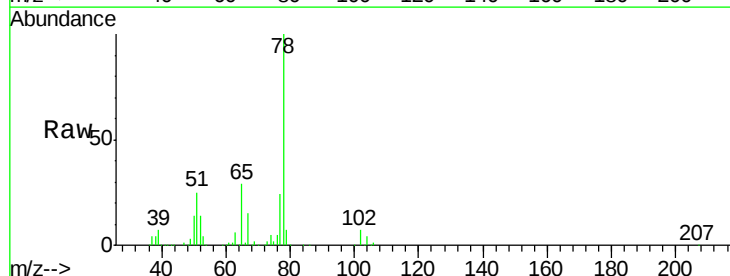
Instrument :
MSVOA_N
ClientSampled :

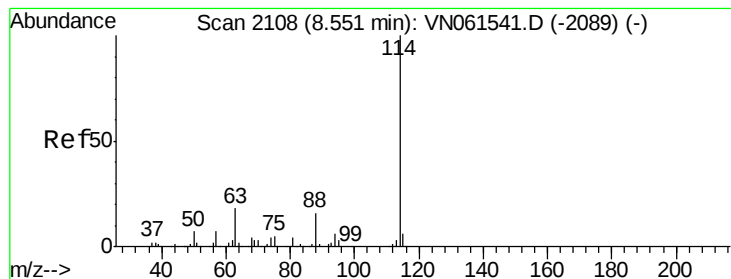
Tot Ion: 56 Resp: 6134
Ion Ratio Lower Upper
56 100
69 163.1 27.8 41.8#
84 108.1 79.9 119.9



#33
1,2-Dichloroethane-d4
Concen: 48.499 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 65 Resp: 185022
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

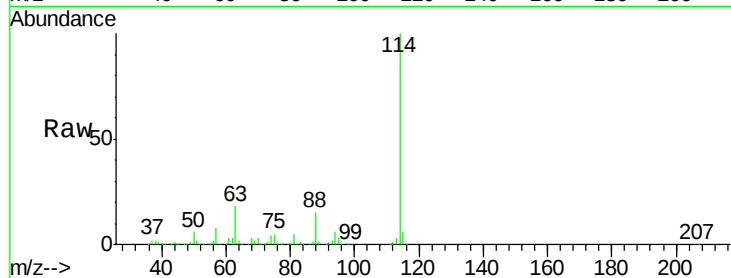
Tot Ion:114 Resp: 567745

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

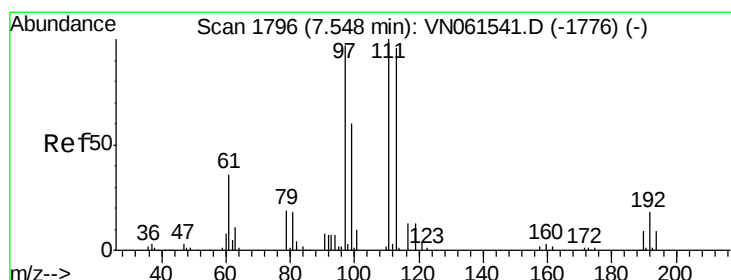
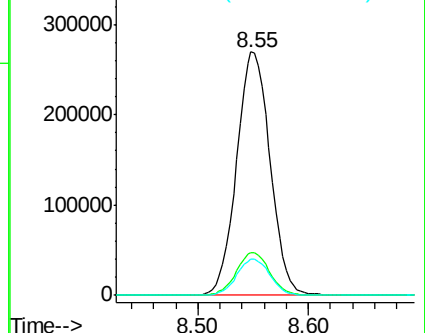
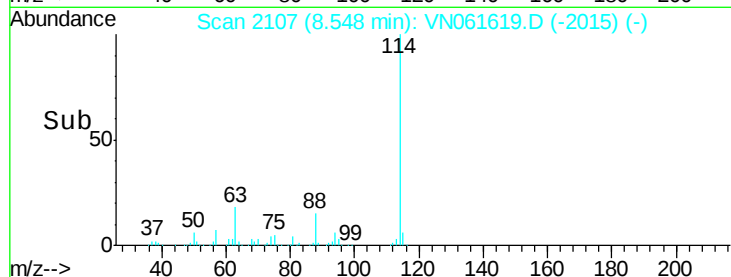
88 14.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.769 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

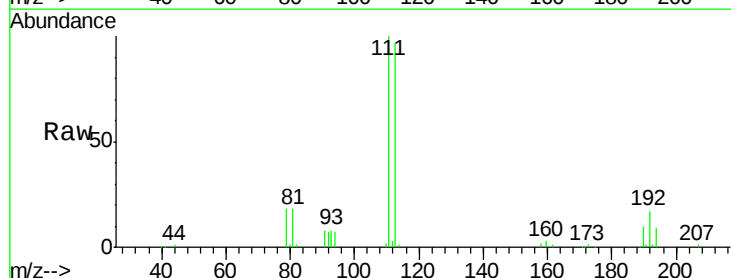
Tgt Ion:113 Resp: 143339

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

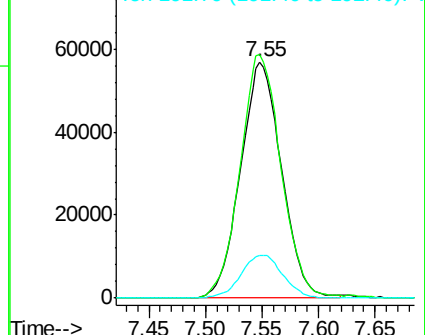
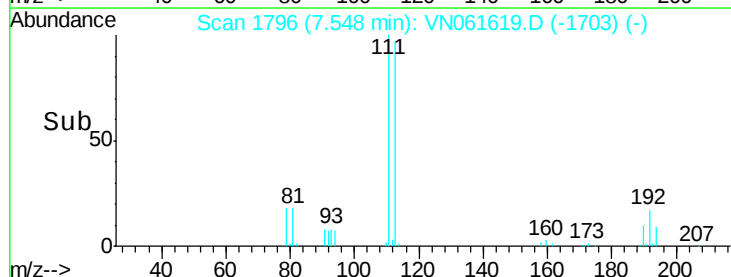
192 18.4 15.4 23.2

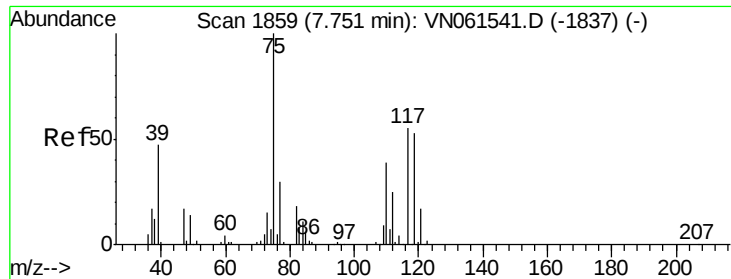


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

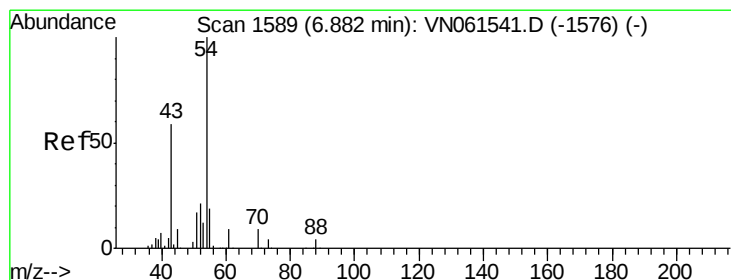
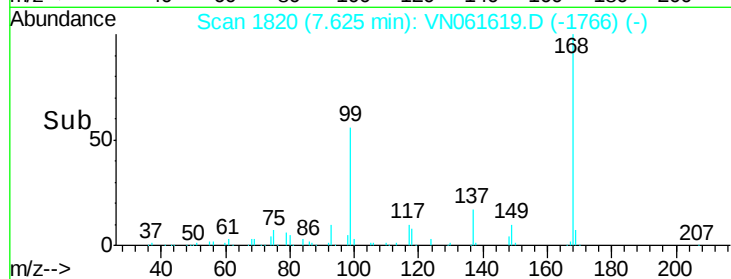
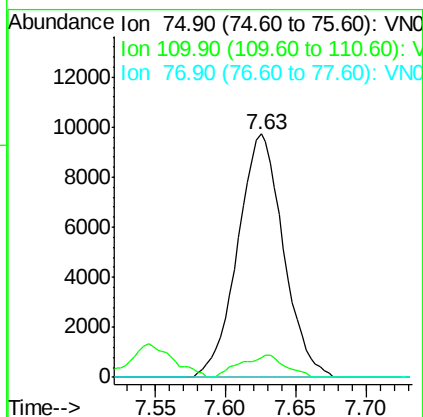
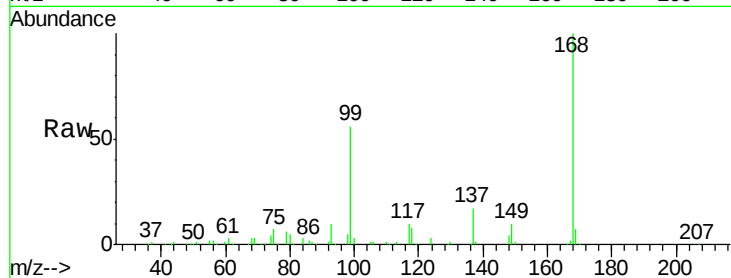




#36
 1,1-Dichloropropene
 Concen: 4.372 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061619.D
 Acq: 2 Jun 2020 14:34

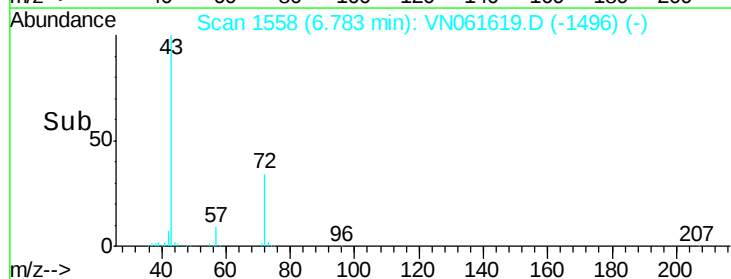
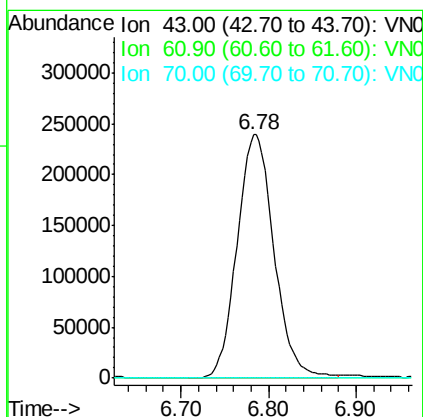
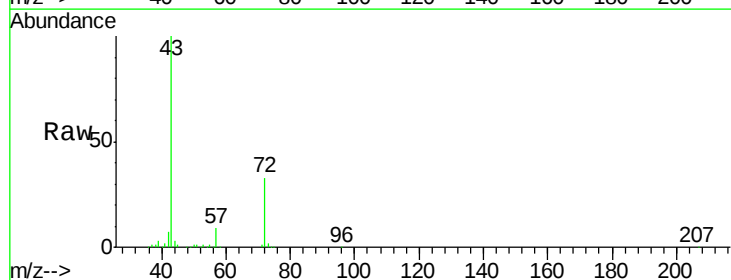
Instrument :
 MSVOA_N
 ClientSampleId :

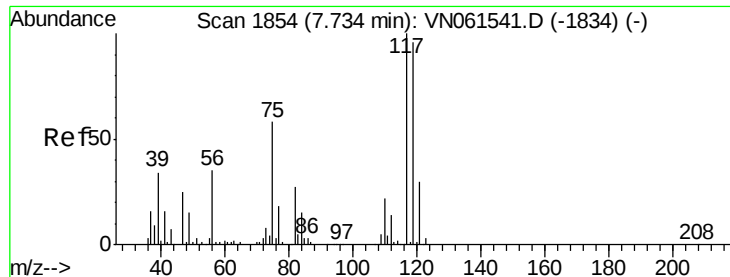
Tot Ion: 75 Resp: 21973
 Ion Ratio Lower Upper
 75 100
 110 9.0 19.5 58.5#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 172.493 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VN061619.D
 Acq: 2 Jun 2020 14:34

Tgt Ion: 43 Resp: 698270
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.2 18.4#
 70 0.0 9.4 14.2#

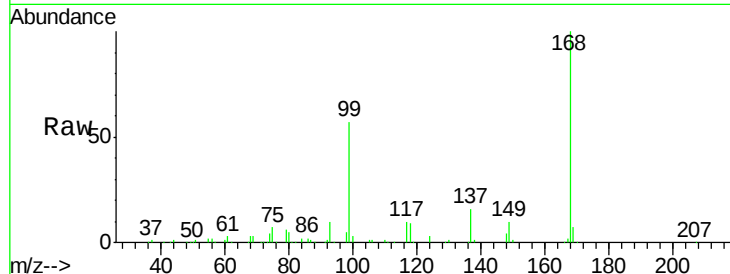




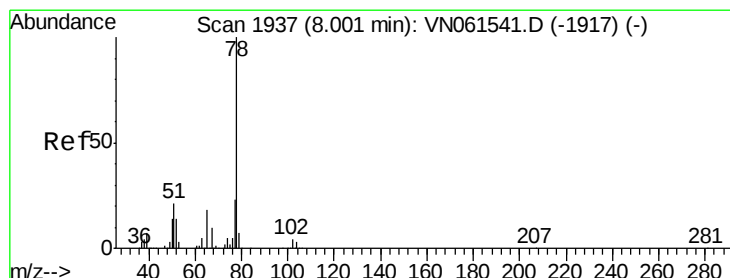
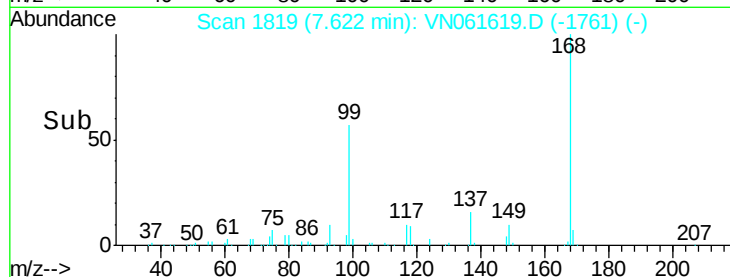
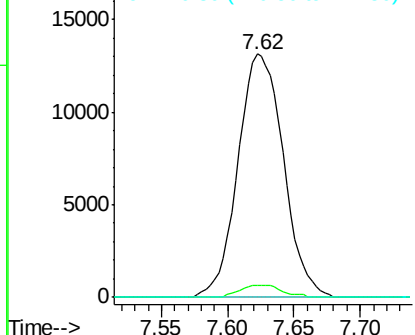
#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 31417
Ion Ratio Lower Upper
117 100
119 4.9 76.5 114.7#
121 0.0 24.1 36.1#

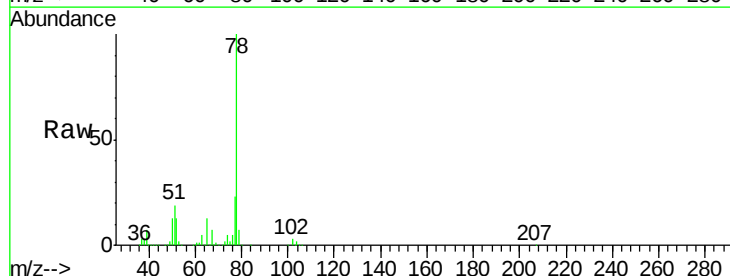


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

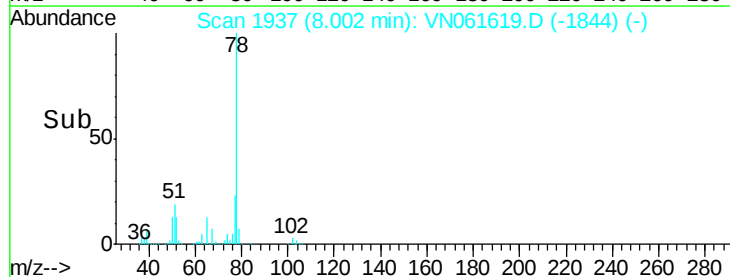
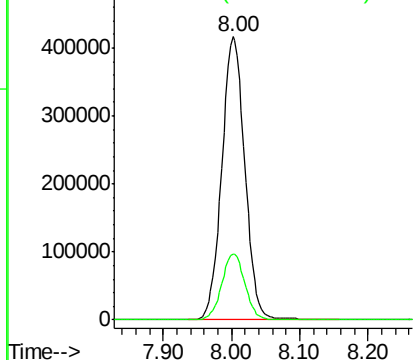


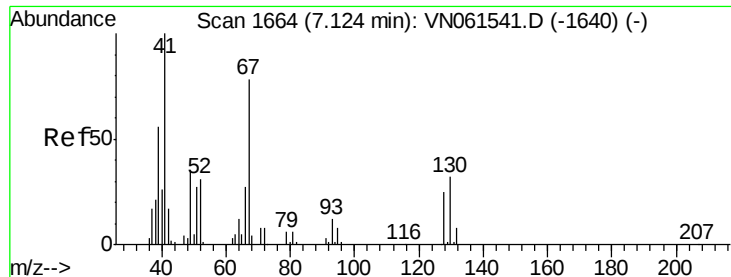
#40
Benzene
Concen: 63.036 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 78 Resp: 977528
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

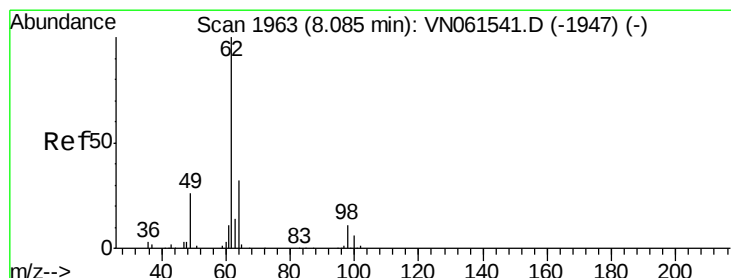
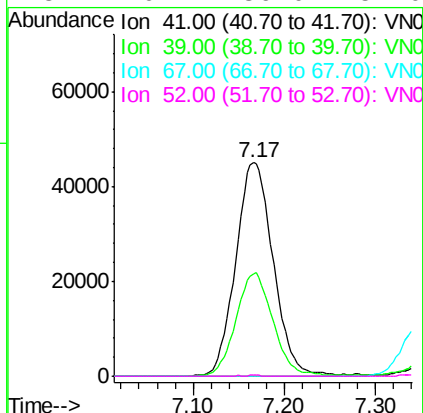
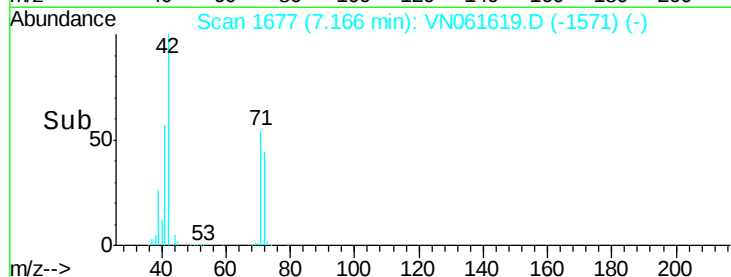
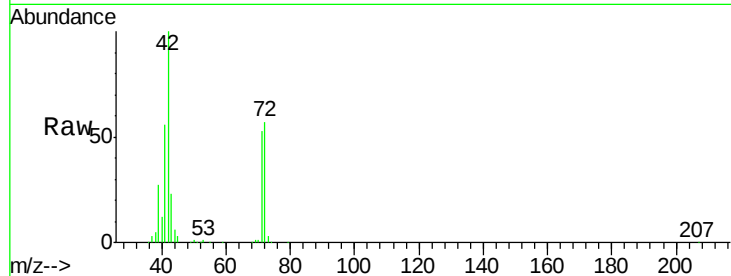




#41
Methacrylonitrile
Concen: 69.535 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

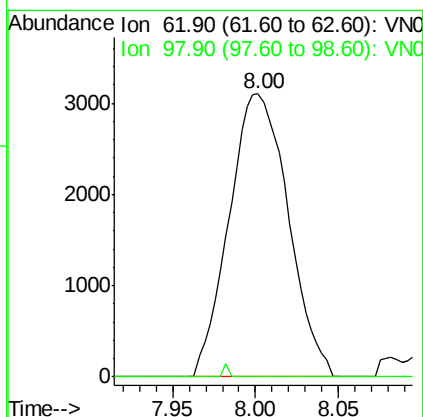
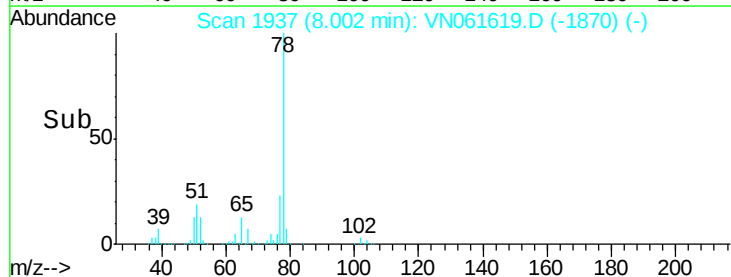
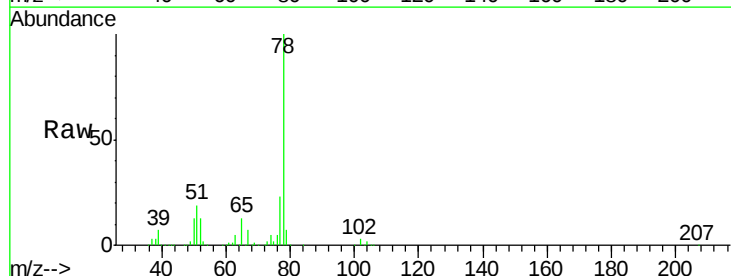
Instrument :
MSVOA_N
ClientSampled :

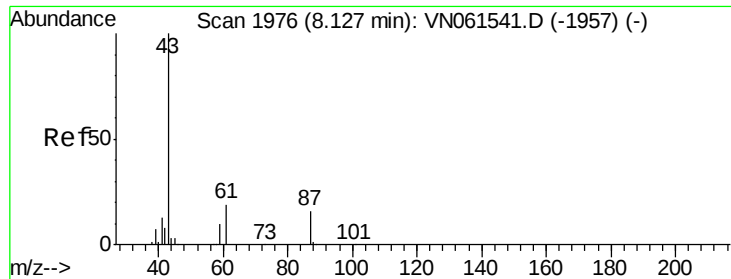
Tot Ion: 41 Resp: 128966
Ion Ratio Lower Upper
41 100
39 47.8 53.8 80.6#
67 0.0 91.1 136.7#
52 0.1 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 1.481 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.08 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 62 Resp: 7687
Ion Ratio Lower Upper
62 100
98 0.4 0.0 21.4





#43

Isopropyl Acetate

Concen: 8.090 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

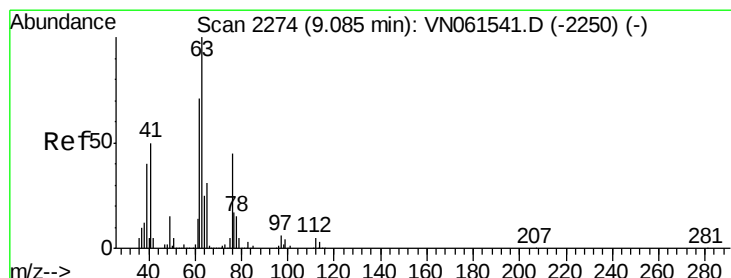
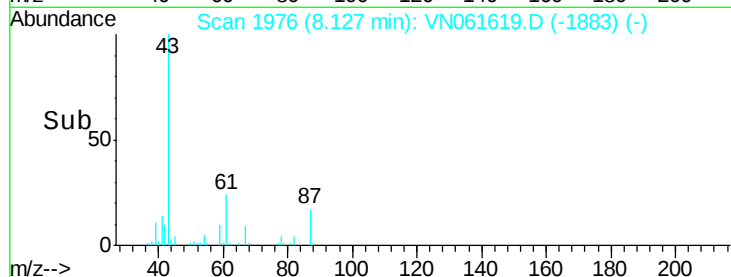
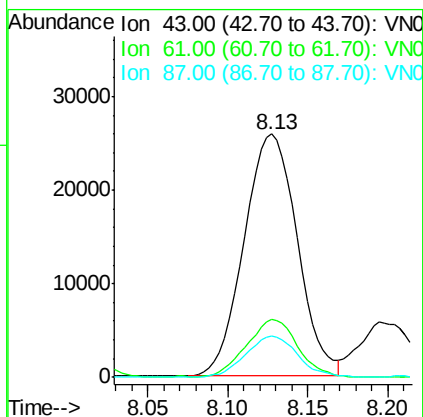
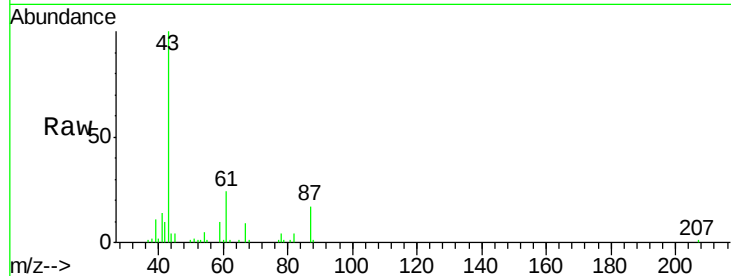
Tot Ion: 43 Resp: 58922

Ion Ratio Lower Upper

43 100

61 23.3 23.6 35.4#

87 16.9 13.0 19.6



#45

1,2-Dichloropropane

Concen: 0.607 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. 0.01 min

Lab File: VN061619.D

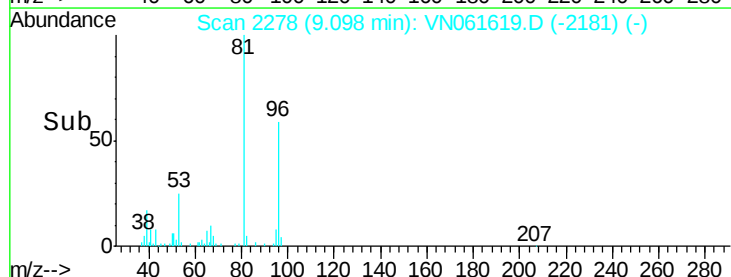
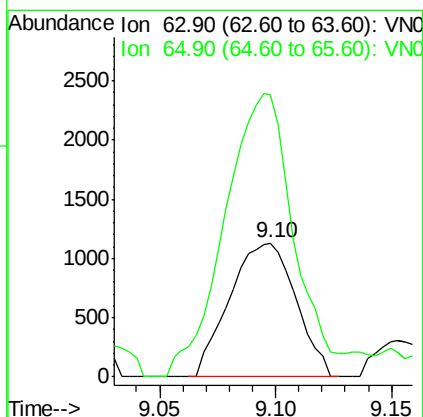
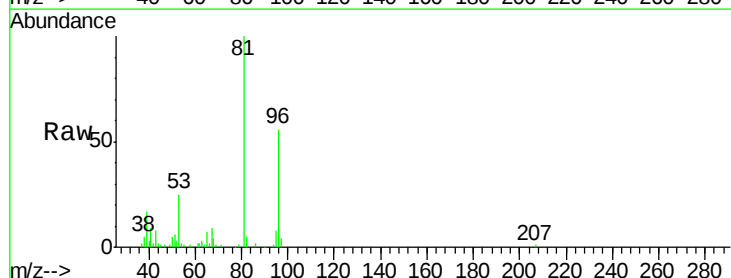
Acq: 2 Jun 2020 14:34

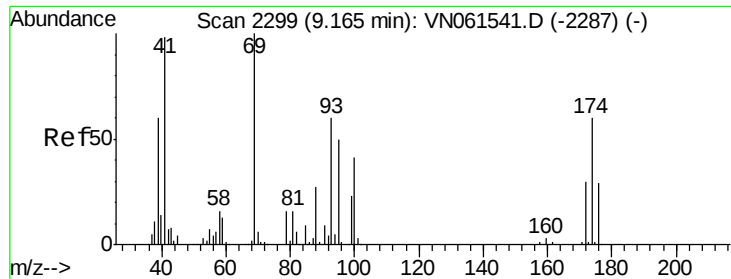
Tgt Ion: 63 Resp: 2236

Ion Ratio Lower Upper

63 100

65 193.1 24.7 37.1#

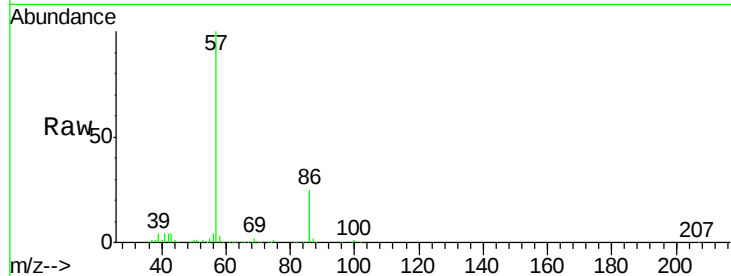




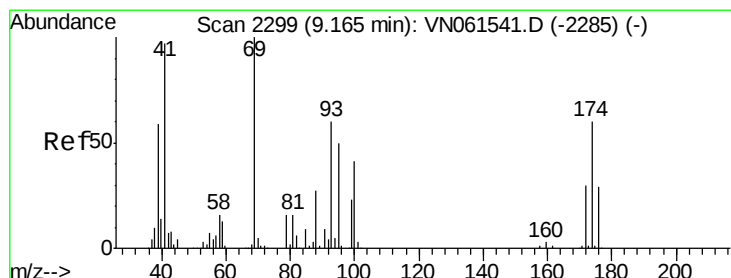
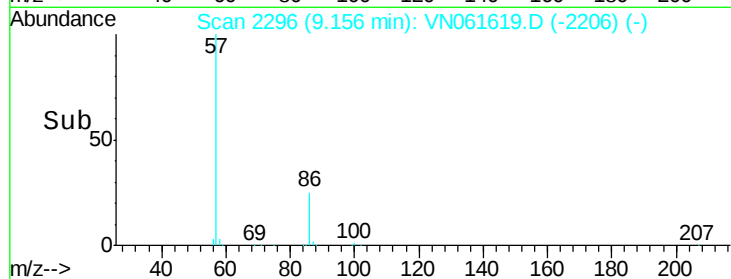
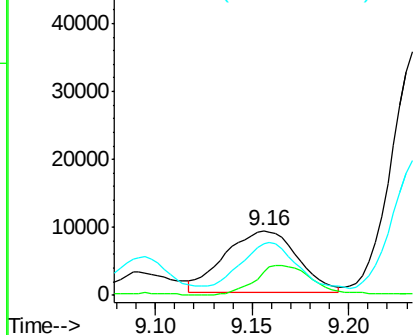
#48
Methvl methacrylate
Concen: 7.204 ug/l
RT: 9.16 min Scan# 2296
Delta R.T. -0.01 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 23606
Ion Ratio Lower Upper
41 100
69 40.6 83.9 125.9#
39 69.3 52.1 78.1

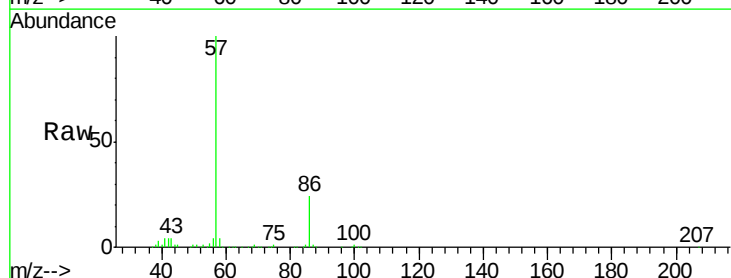


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

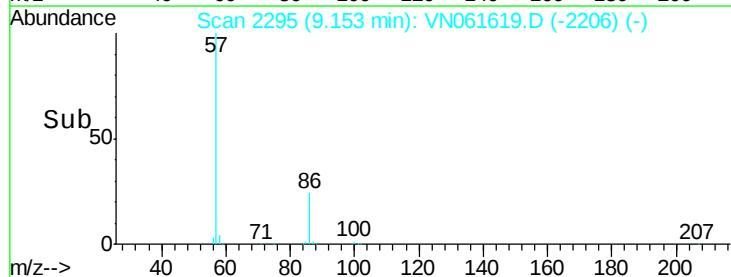
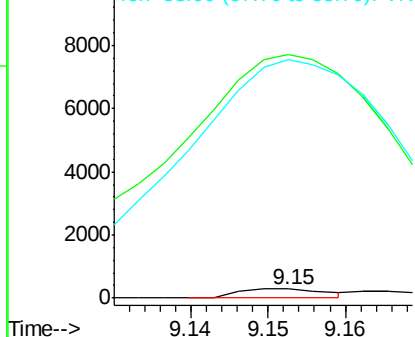


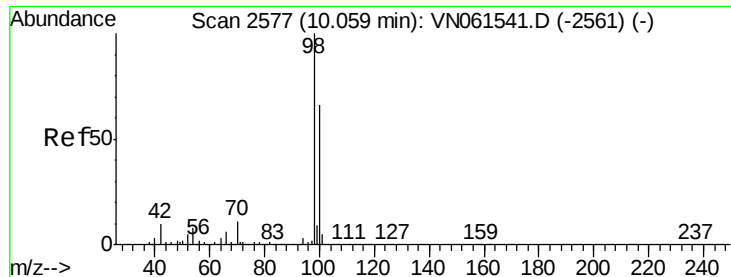
#49
1,4-Dioxane
Concen: 4.373 ug/l
RT: 9.15 min Scan# 2295
Delta R.T. -0.01 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 88 Resp: 222
Ion Ratio Lower Upper
88 100
43 0.0 23.1 34.7#
58 7752.7 48.3 72.5#



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





#50

Toluene-d8

Concen: 52.082 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

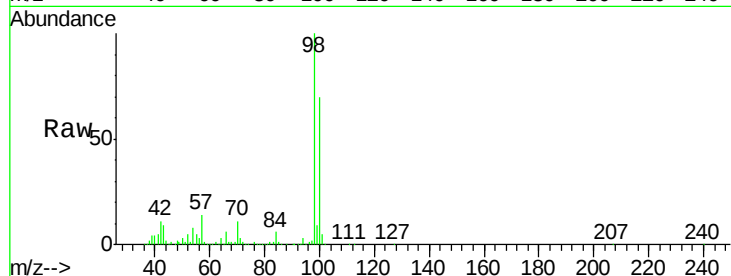
ClientSampled :

Tot Ion: 98 Resp: 695123

Ion Ratio Lower Upper

98 100

100 77.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061619.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061619.D (-2561) (-)

10.06

400000

300000

200000

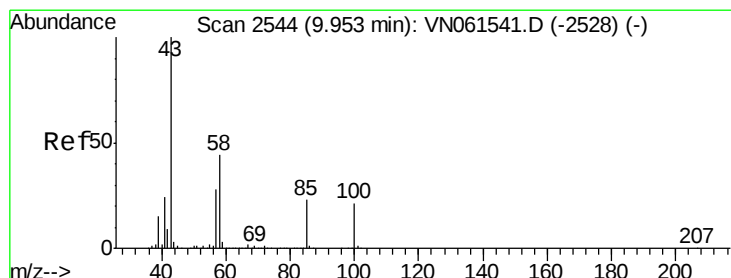
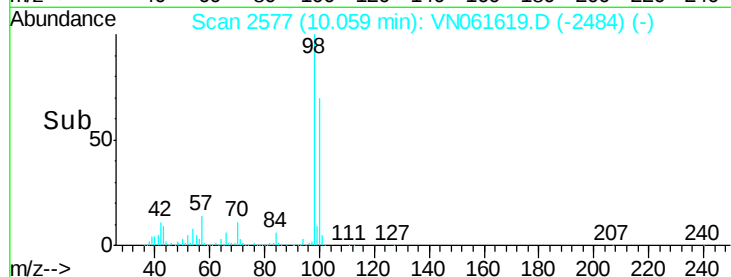
100000

0

Time-->

10.00

10.10



#51

4-Methyl-2-Pentanone

Concen: 34.189 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061619.D

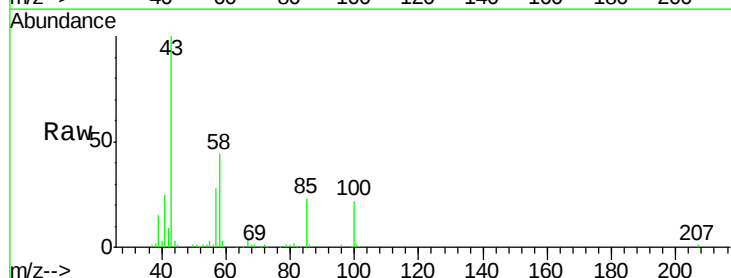
Acq: 2 Jun 2020 14:34

Tgt Ion: 43 Resp: 140316

Ion Ratio Lower Upper

43 100

58 44.5 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061619.D (-2544) (-)

Ion 58.00 (57.70 to 58.70): VN061619.D (-2544) (-)

9.95

100000

80000

60000

40000

20000

0

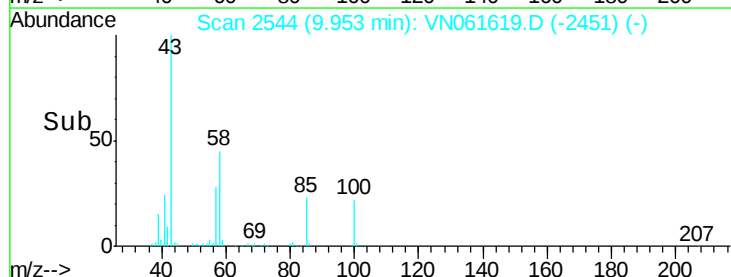
Time-->

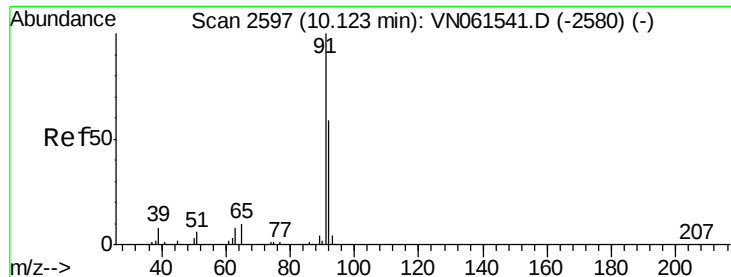
9.90

9.95

10.00

10.05





#52

Toluene

Concen: 282.810 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

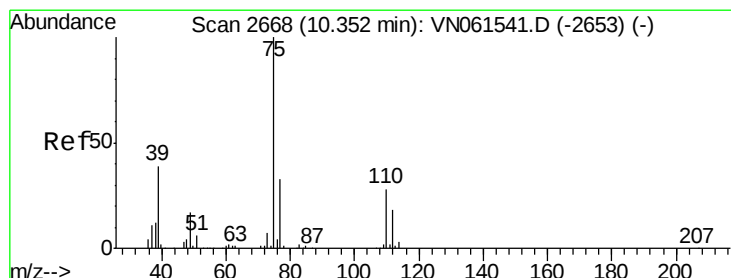
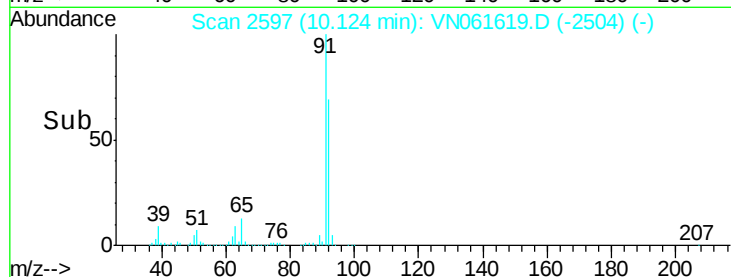
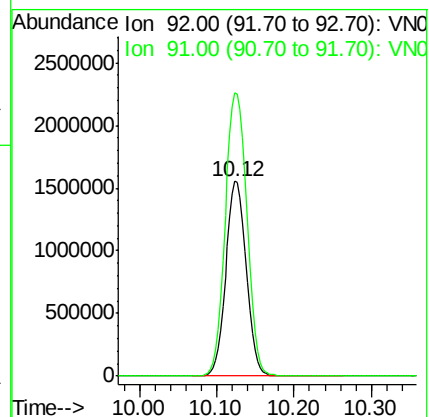
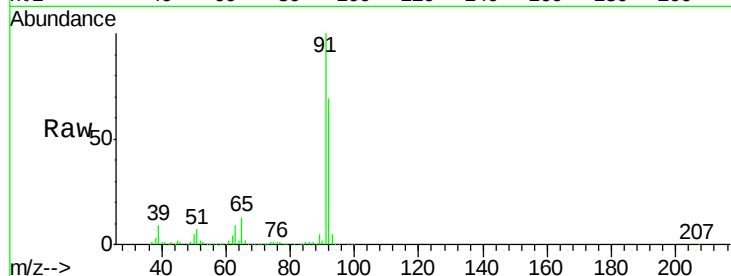
ClientSampled :

Tot Ion: 92 Resp: 2862487

Ion Ratio Lower Upper

92 100

91 155.3 136.4 204.6



#53

t-1,3-Dichloropropene

Concen: 0.483 ug/l

RT: 10.28 min Scan# 2646

Delta R.T. -0.07 min

Lab File: VN061619.D

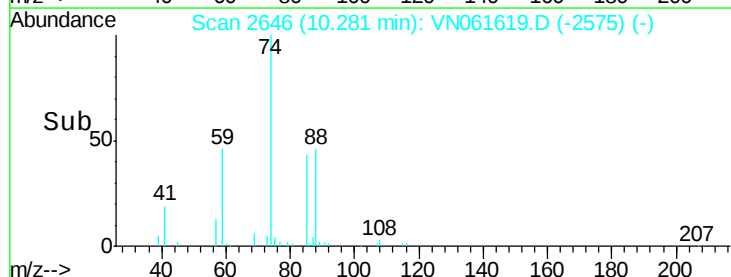
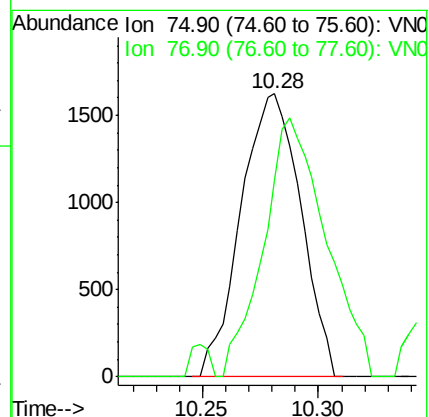
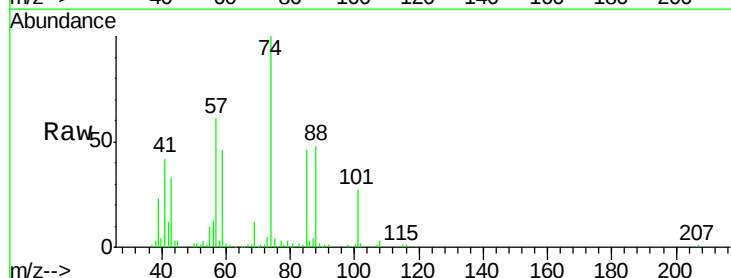
Acq: 2 Jun 2020 14:34

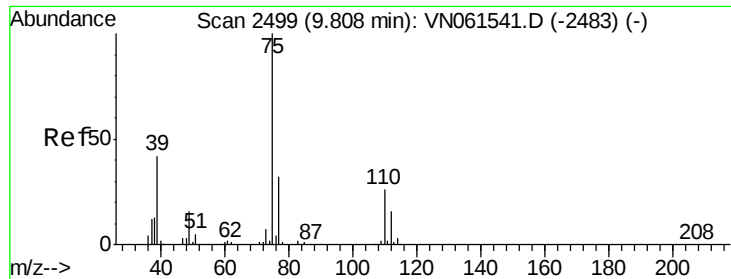
Tgt Ion: 75 Resp: 2911

Ion Ratio Lower Upper

75 100

77 59.0 26.2 39.4#



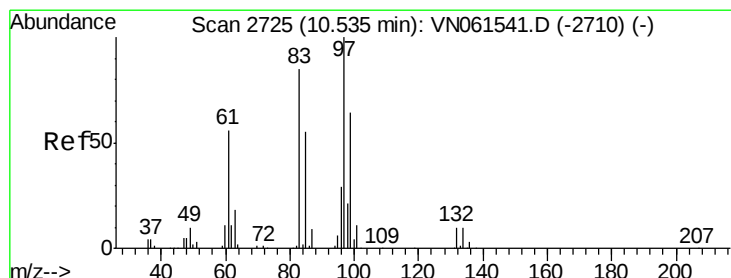
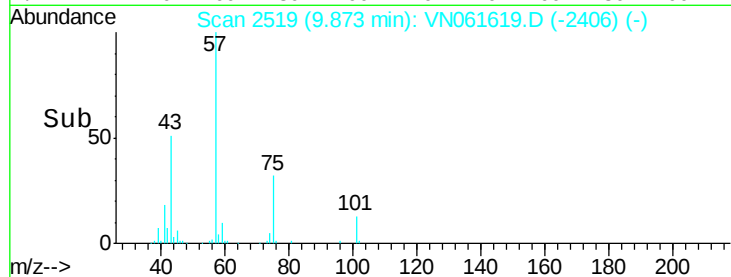
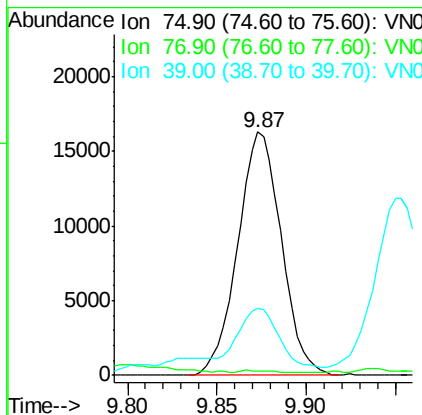
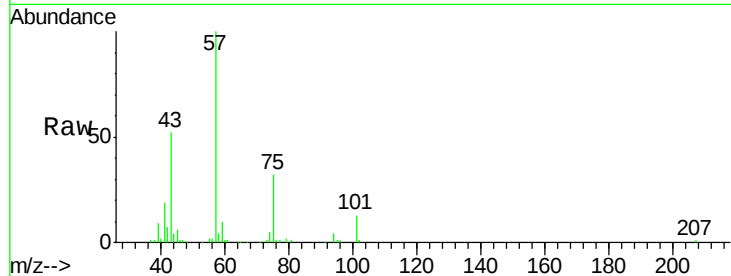


#54

cis-1,3-Dichloropropene
 Concen: 4.293 ug/l
 RT: 9.87 min Scan# 2519
 Delta R.T. 0.06 min
 Lab File: VN061619.D
 Acq: 2 Jun 2020 14:34

Instrument :
 MSVOA_N
 ClientSampled :

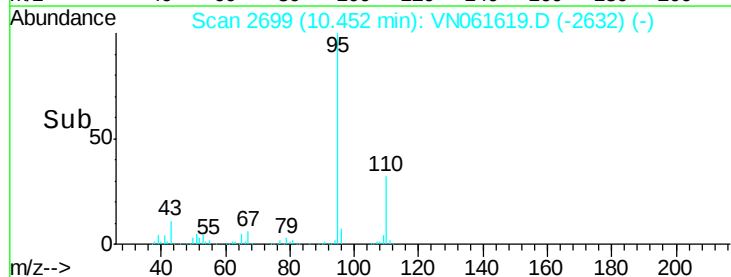
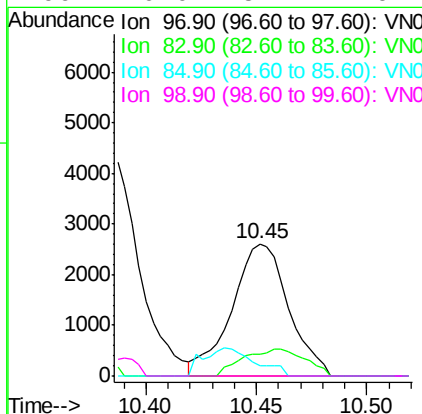
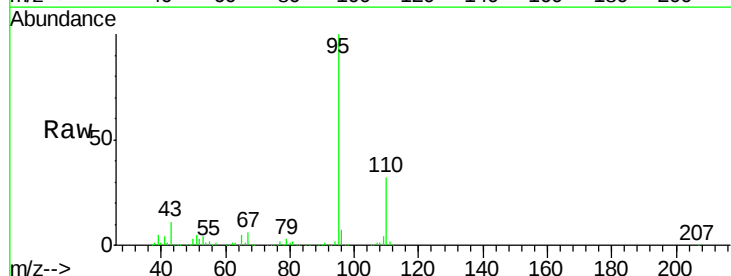
Tot Ion: 75 Resp: 27821
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.4 38.2#
 39 22.7 33.8 50.6#

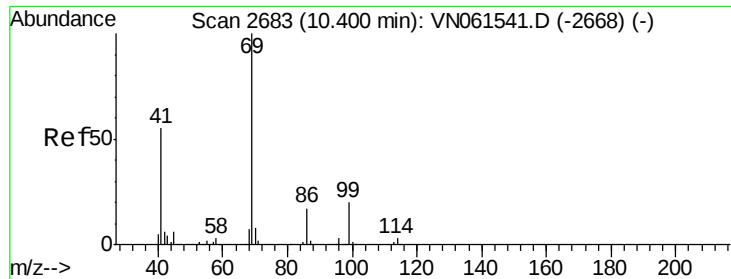


#55

1,1,2-Trichloroethane
 Concen: 1.149 ug/l
 RT: 10.45 min Scan# 2699
 Delta R.T. -0.08 min
 Lab File: VN061619.D
 Acq: 2 Jun 2020 14:34

Tgt Ion: 97 Resp: 4635
 Ion Ratio Lower Upper
 97 100
 83 16.1 68.1 102.1#
 85 7.9 44.1 66.1#
 99 0.0 51.1 76.7#





#56

Ethyl methacrylate

Concen: 1.426 ug/l

RT: 10.28 min Scan# 2645

Delta R.T. -0.12 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

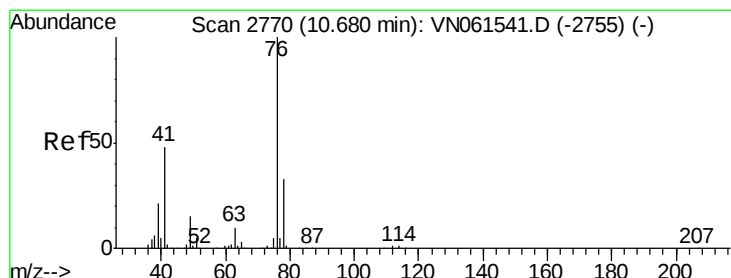
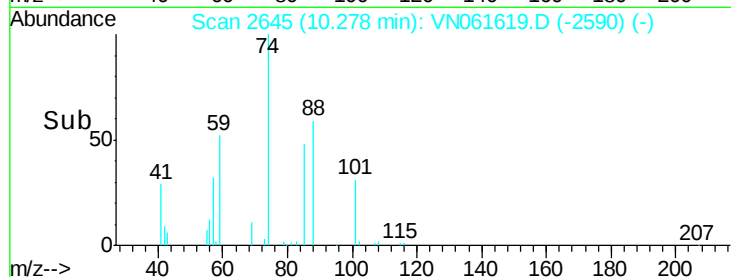
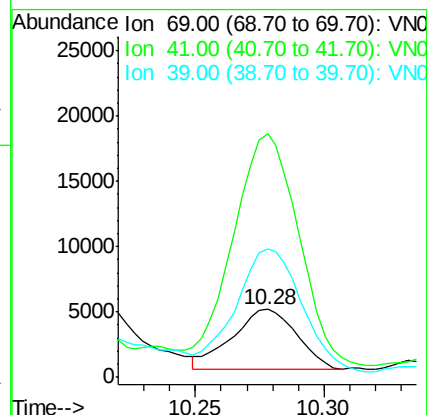
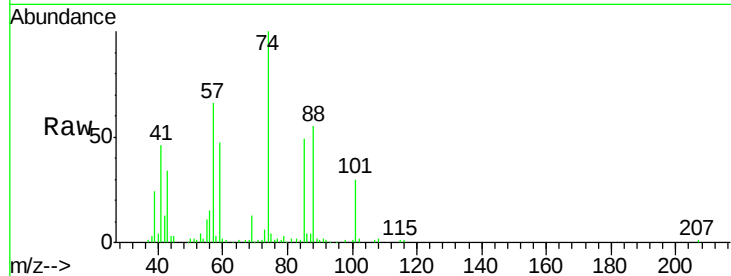
Tot Ion: 69 Resp: 8031

Ion Ratio Lower Upper

69 100

41 390.4 43.5 65.3#

39 211.0 27.0 40.6#



#57

1,3-Dichloropropane

Concen: 0.614 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.05 min

Lab File: VN061619.D

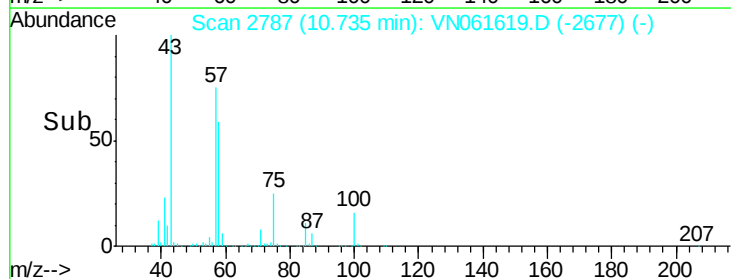
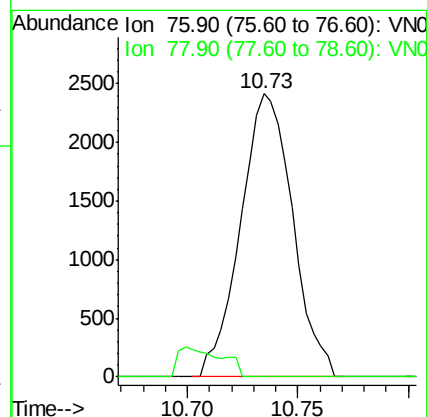
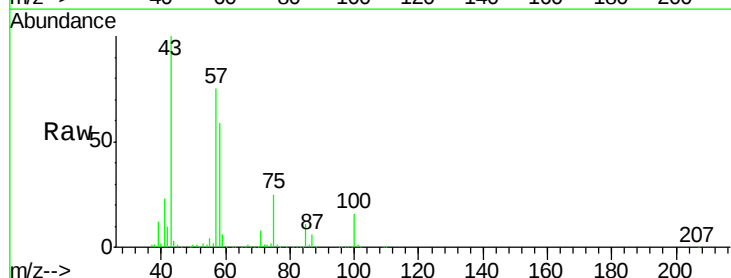
Acq: 2 Jun 2020 14:34

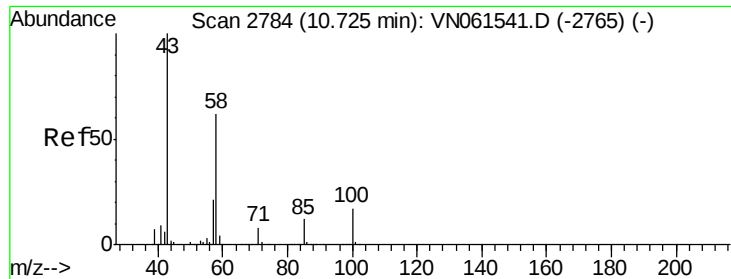
Tgt Ion: 76 Resp: 3963

Ion Ratio Lower Upper

76 100

78 0.0 26.3 39.5#

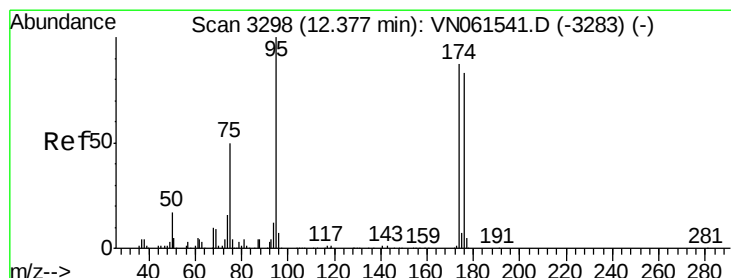
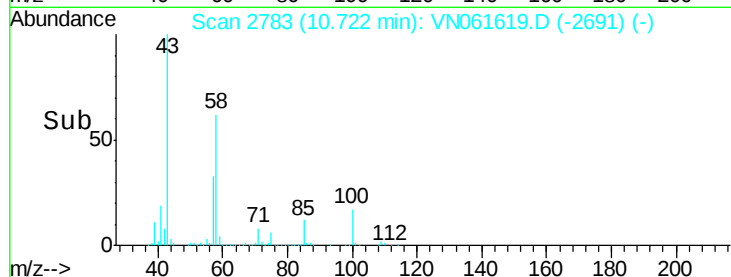
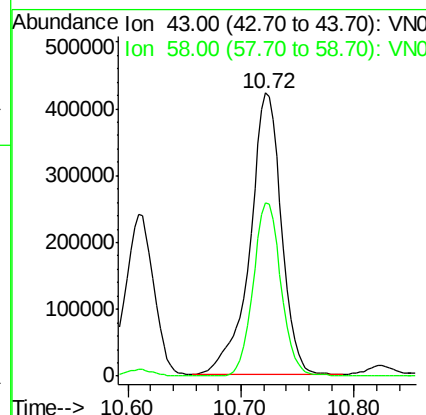
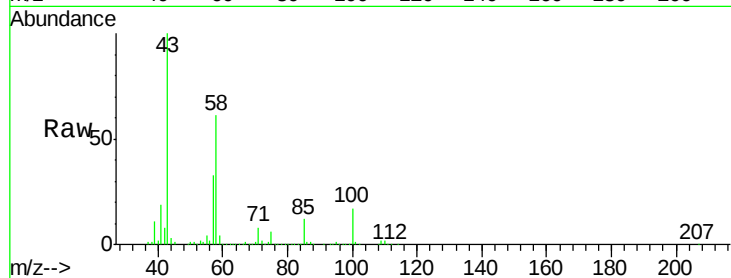




#59
2-Hexanone
Concen: 276.745 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

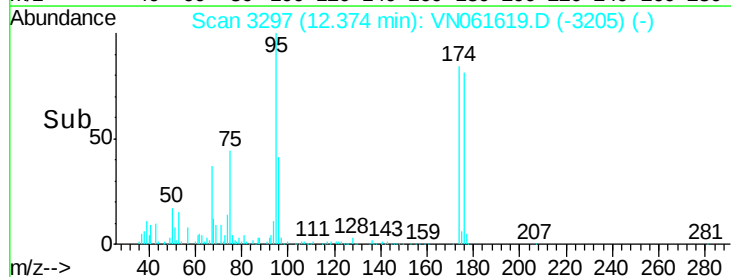
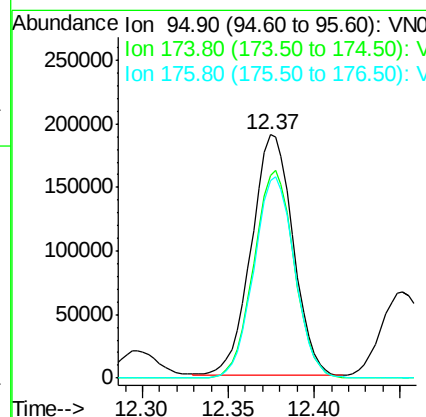
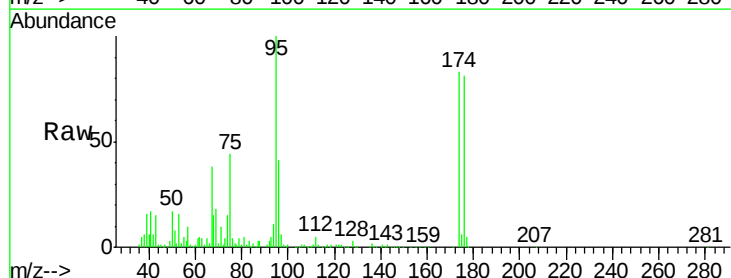
Instrument :
MSVOA_N
ClientSampled :

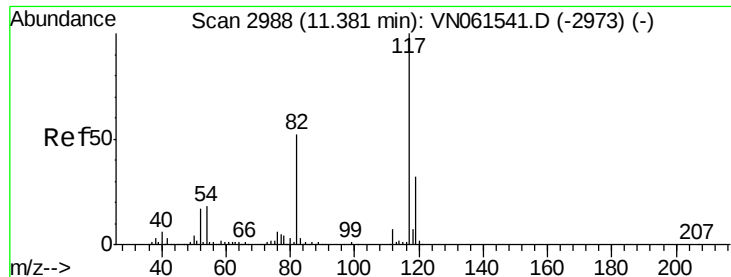
Tot Ion: 43 Resp: 815709
Ion Ratio Lower Upper
43 100
58 54.5 30.7 92.1



#62
4-Bromofluorobenzene
Concen: 65.592 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 95 Resp: 319386
Ion Ratio Lower Upper
95 100
174 83.8 0.0 172.8
176 81.5 0.0 164.8

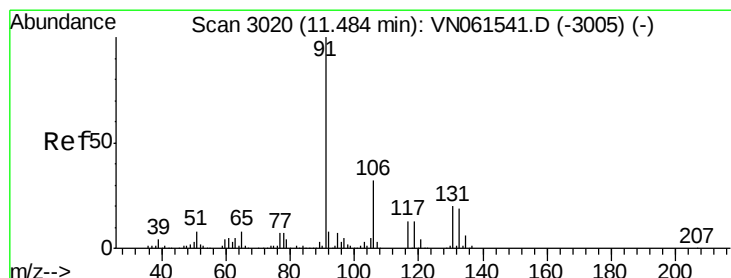
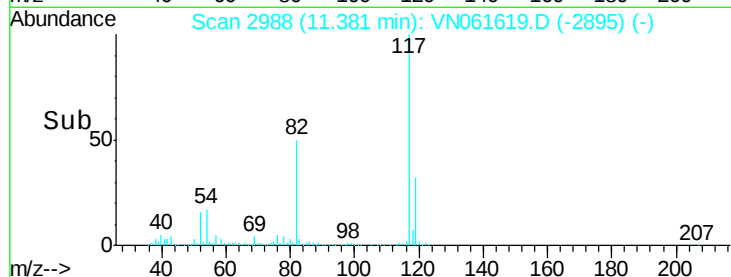
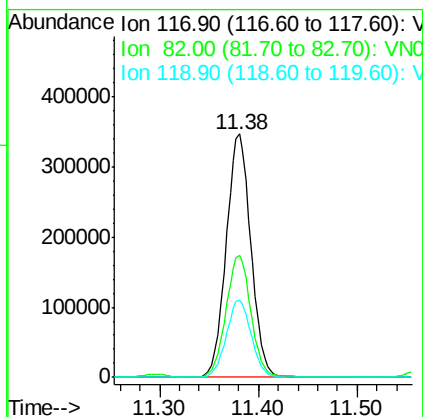
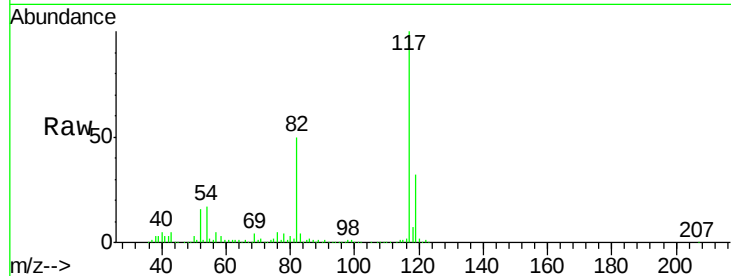




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

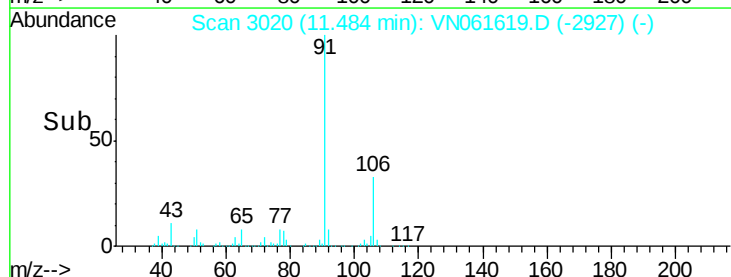
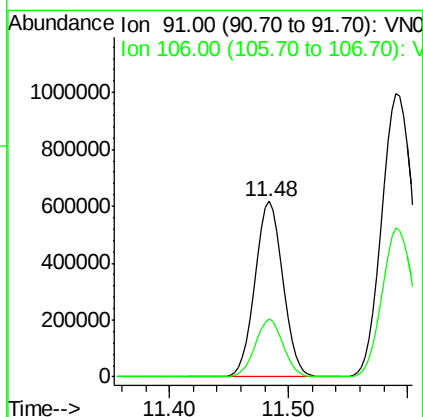
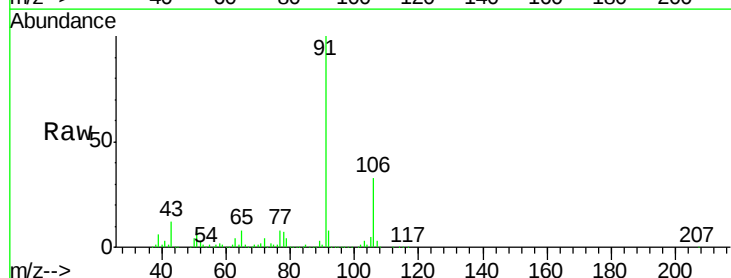
Instrument :
MSVOA_N
ClientSampled :

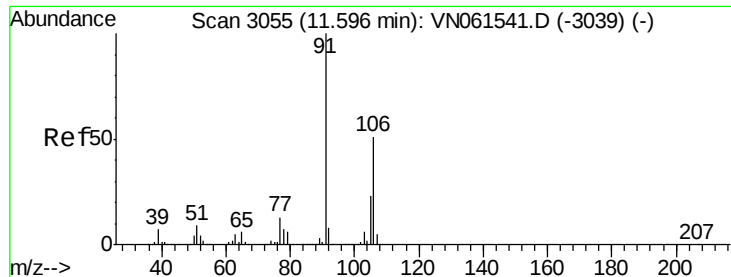
Tot Ion:117 Resp: 607478
Ion Ratio Lower Upper
117 100
82 50.1 41.5 62.3
119 31.7 25.6 38.4



#67
Ethyl Benzene
Concen: 46.075 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 91 Resp: 1005571
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4





#68

m/p-Xylenes

Concen: 113.163 ug/l

RT: 11.59 min Scan# 3053

Delta R.T. -0.01 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

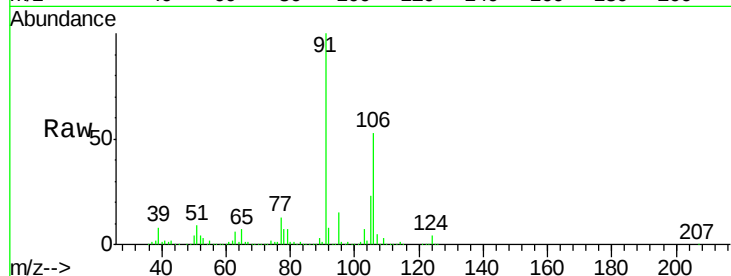
ClientSampleId :

Tot Ion:106 Resp: 979271

Ion Ratio Lower Upper

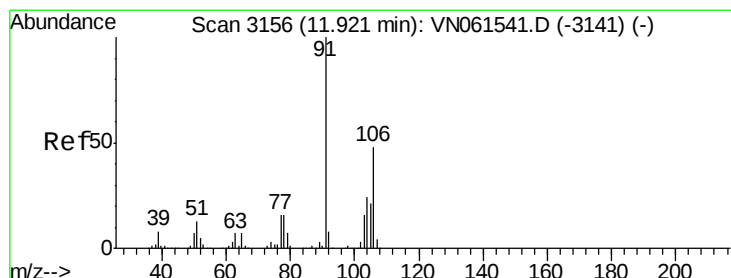
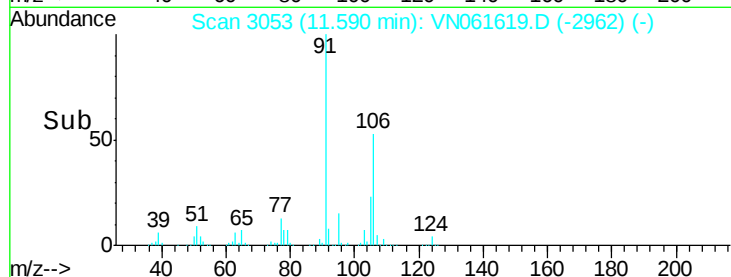
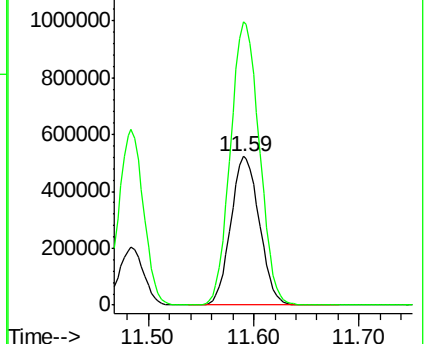
106 100

91 193.1 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 77.408 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061619.D

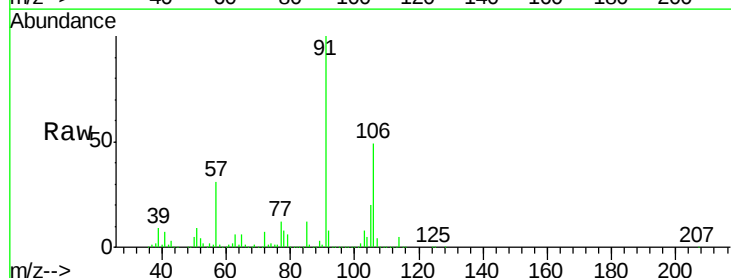
Acq: 2 Jun 2020 14:34

Tgt Ion:106 Resp: 636233

Ion Ratio Lower Upper

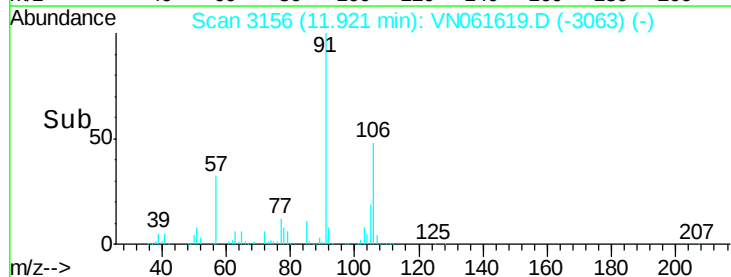
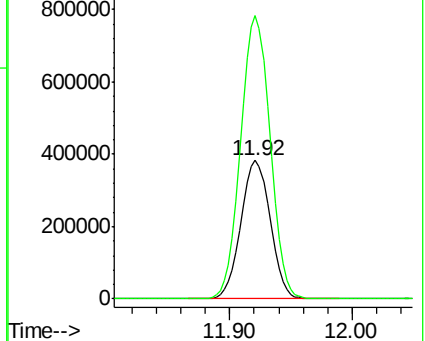
106 100

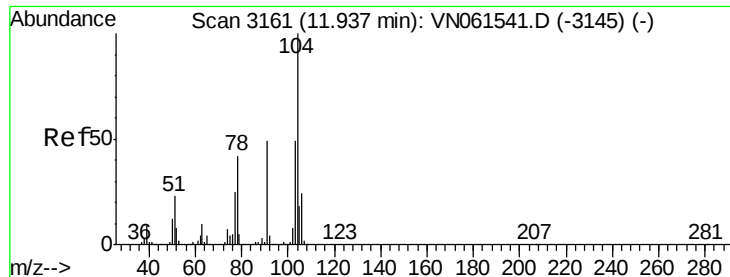
91 204.4 103.3 309.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#70

Stvrene

Concen: 10.554 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. 0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

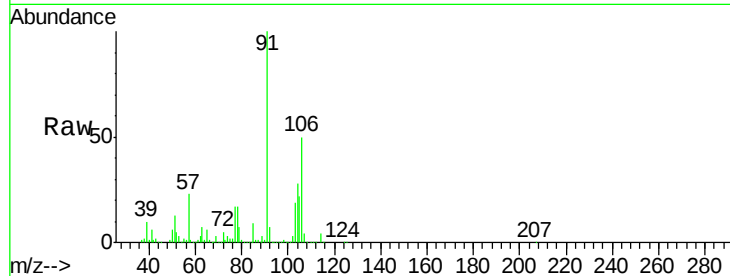
Tot Ion:104 Resp: 143651

Ion Ratio Lower Upper

104 100

78 90.2 37.4 56.0#

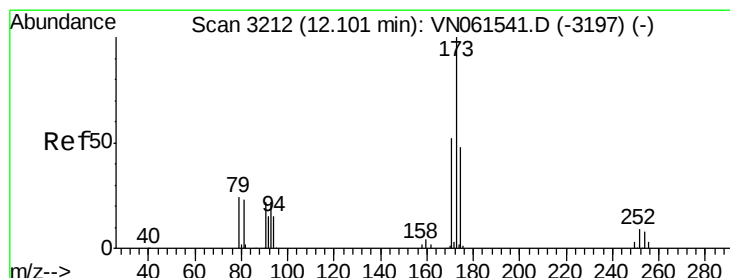
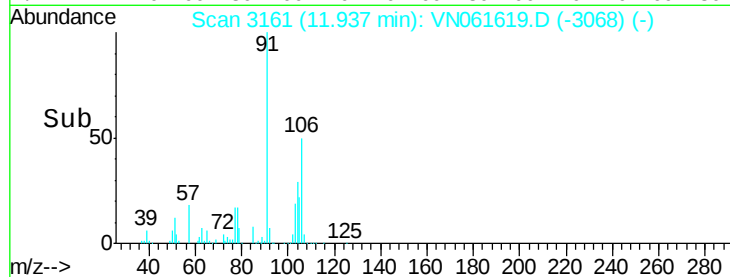
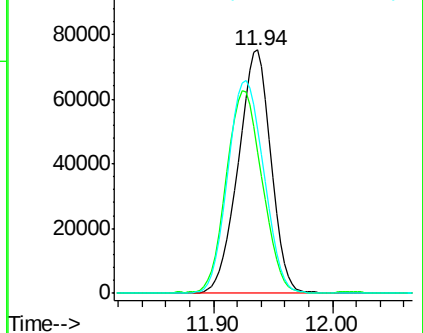
103 96.0 42.3 63.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.258 ug/l

RT: 12.37 min Scan# 3296

Delta R.T. 0.27 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

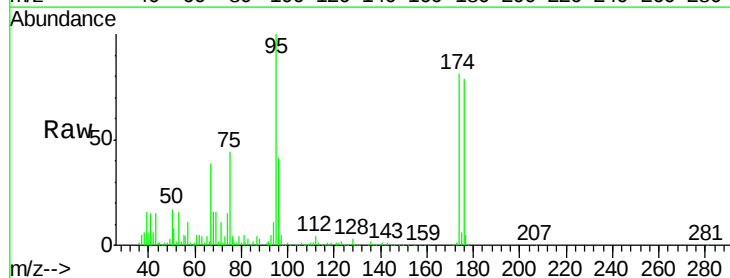
Tgt Ion:173 Resp: 933

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

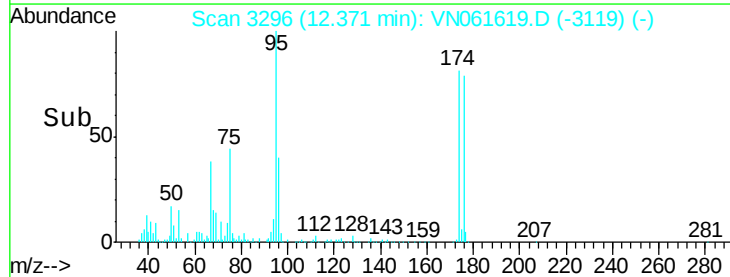
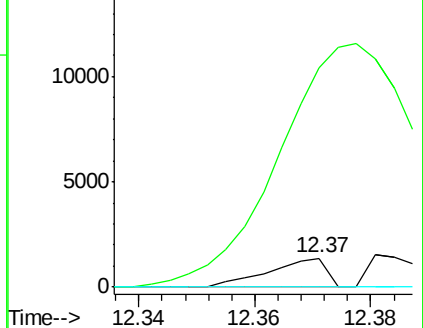
254 0.0 0.0 0.0

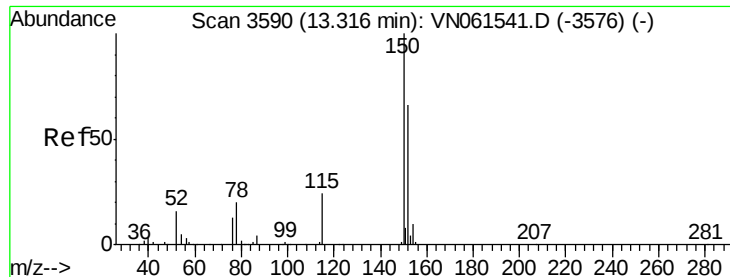


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

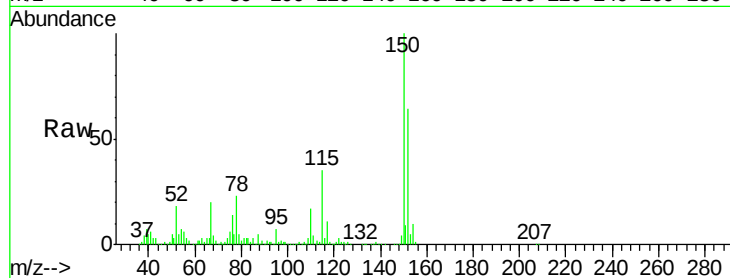
Tot Ion:152 Resp: 340878

Ion Ratio Lower Upper

152 100

115 57.0 28.0 84.0

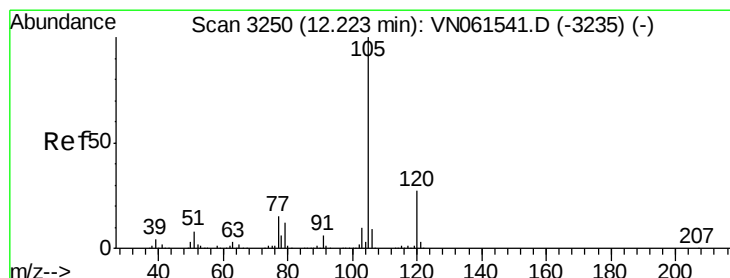
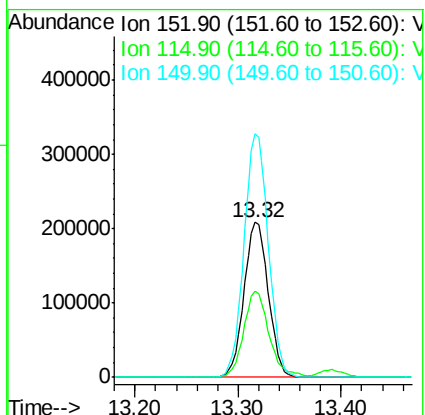
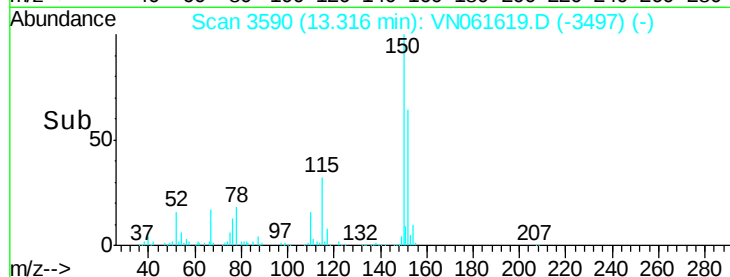
150 157.0 0.0 344.0



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: 1.566 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061619.D

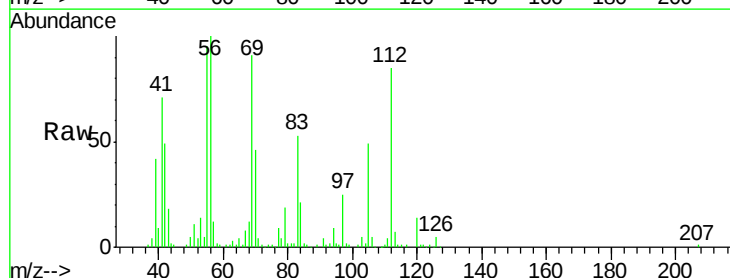
Acq: 2 Jun 2020 14:34

Tgt Ion:105 Resp: 38964

Ion Ratio Lower Upper

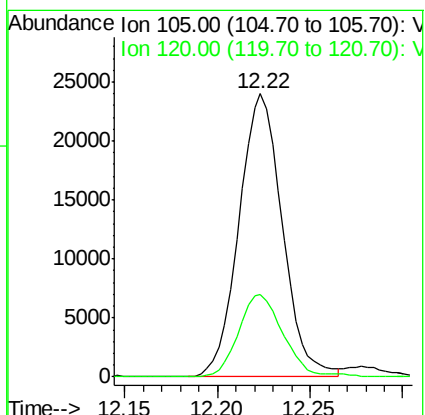
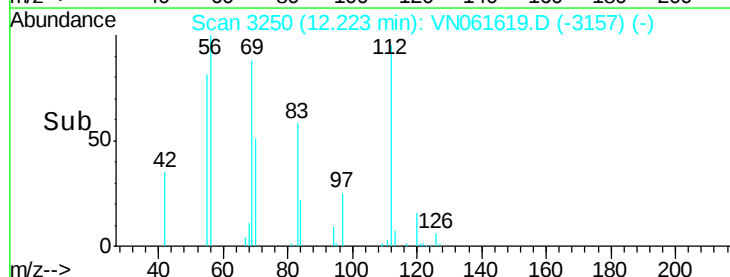
105 100

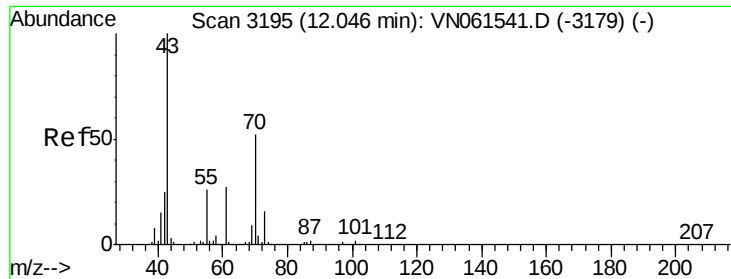
120 29.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 76.510 ug/l

RT: 12.00 min Scan# 3181

Delta R.T. -0.04 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 599466

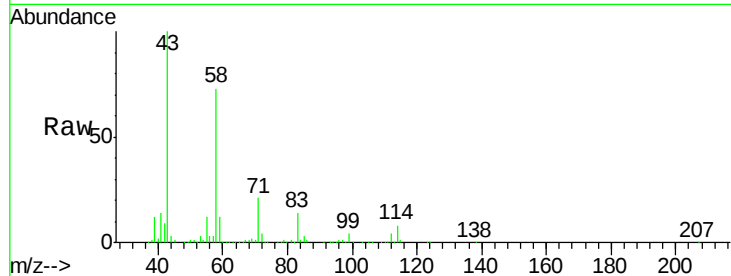
Ion Ratio Lower Upper

43 100

70 0.0 40.5 60.7#

55 20.2 20.6 31.0#

61 0.1 21.8 32.6#

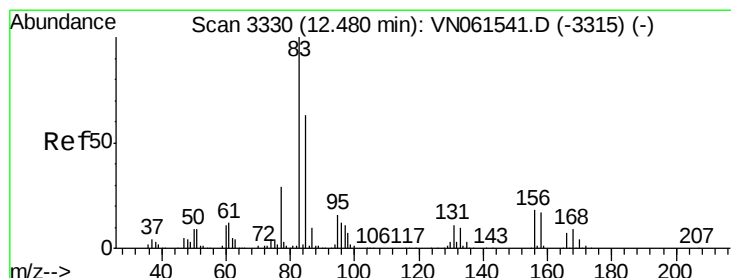
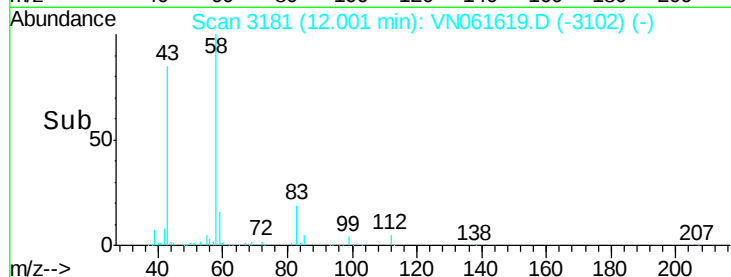
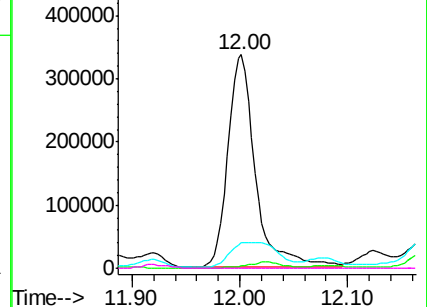


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 3.831 ug/l

RT: 12.49 min Scan# 3332

Delta R.T. 0.01 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

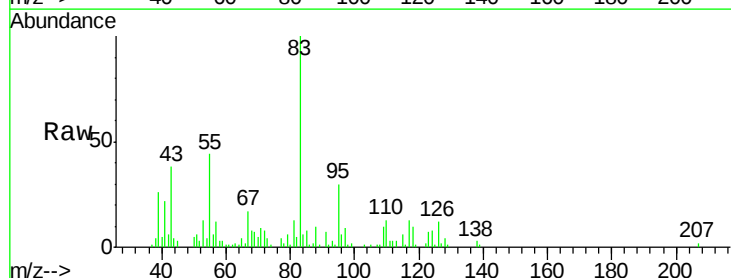
Tgt Ion: 83 Resp: 26711

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

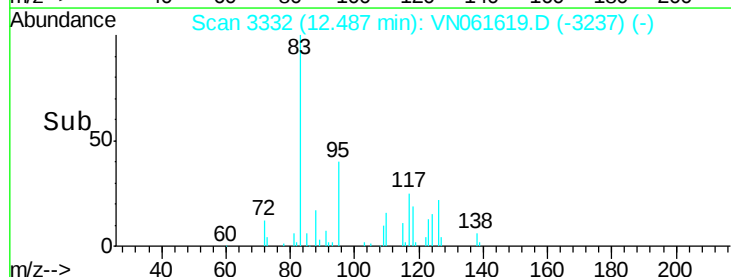
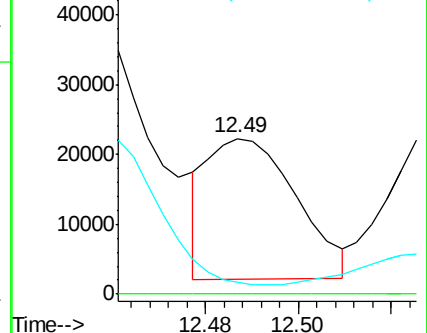
85 0.0 32.1 96.3#

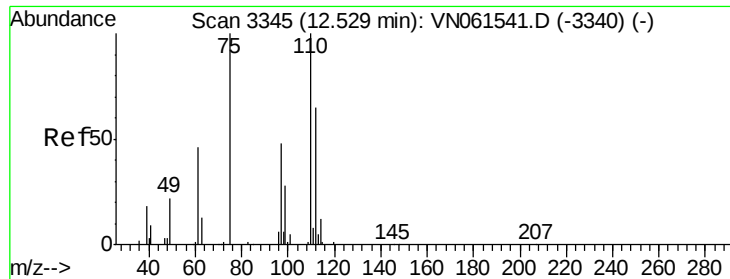


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 22.865 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

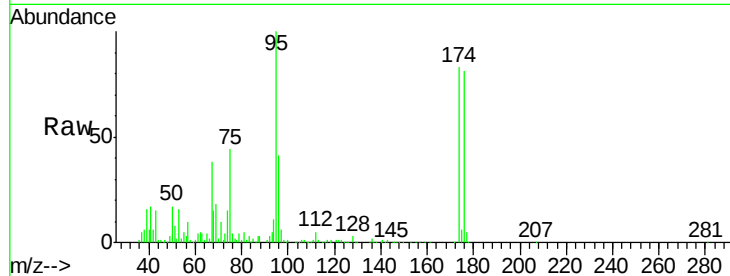
ClientSampled :

Tot Ion: 75 Resp: 141731

Ion Ratio Lower Upper

75 100

77 5.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.37

80000

60000

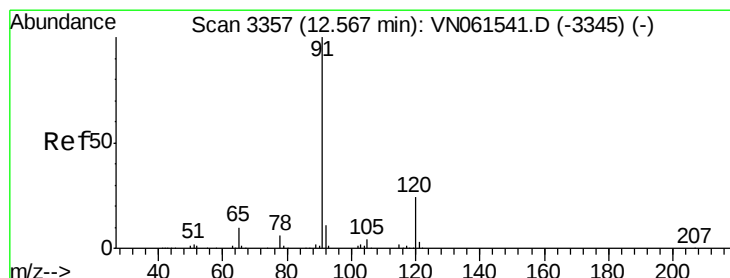
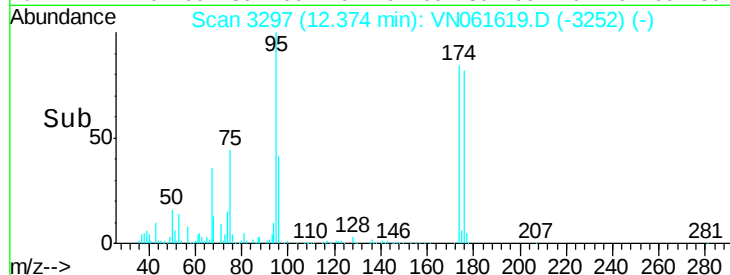
40000

20000

0

12.30 12.35 12.40 12.45

Time-->



#78

n-propylbenzene

Concen: 4.396 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061619.D

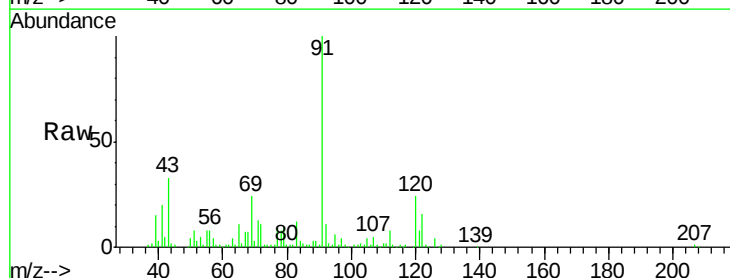
Acq: 2 Jun 2020 14:34

Tgt Ion: 91 Resp: 122098

Ion Ratio Lower Upper

91 100

120 25.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.56

80000

60000

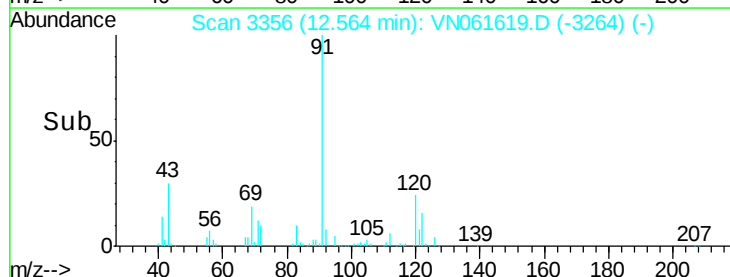
40000

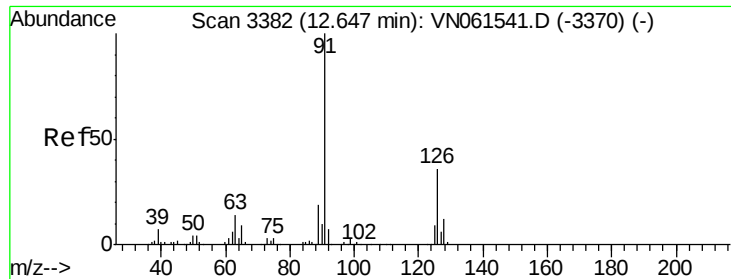
20000

0

12.50 12.55 12.60

Time-->





#79

2-Chlorotoluene

Concen: 2.117 ug/l

RT: 12.63 min Scan# 3376

Delta R.T. -0.02 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

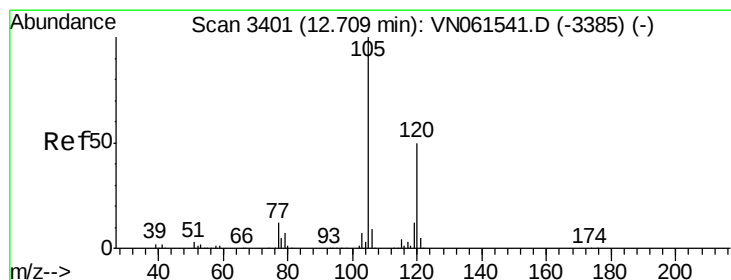
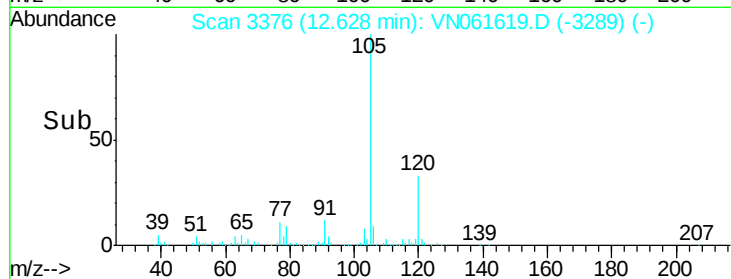
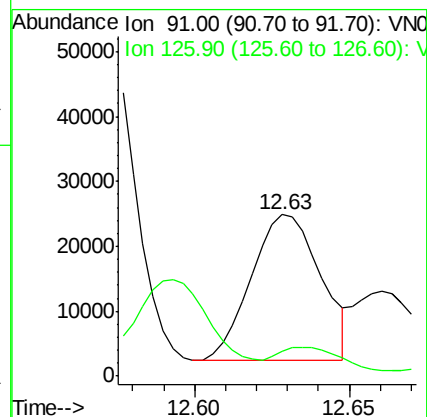
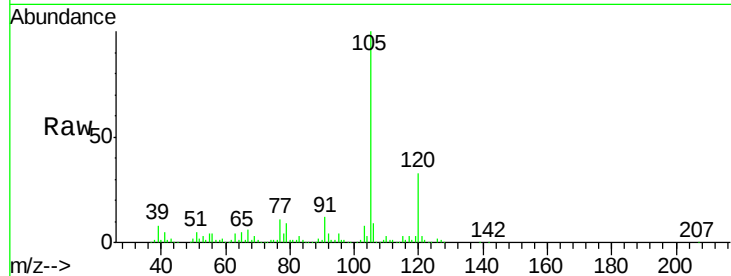
ClientSampleId :

Tot Ion: 91 Resp: 35062

Ion Ratio Lower Upper

91 100

126 17.1 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 6.124 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061619.D

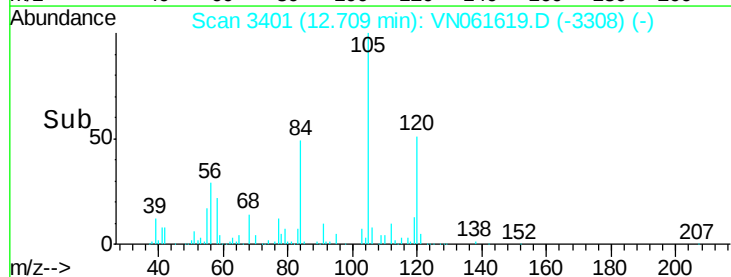
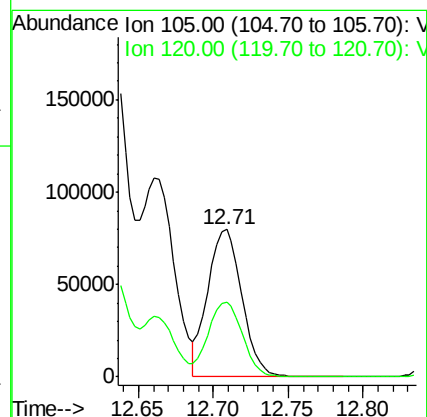
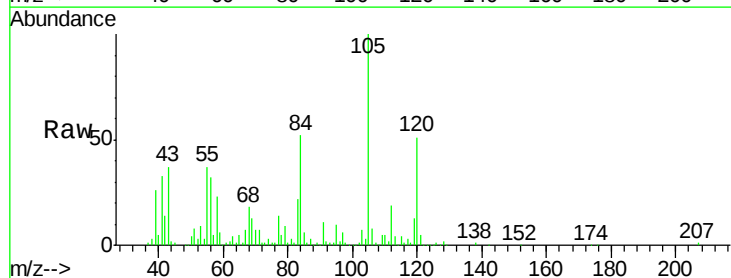
Acq: 2 Jun 2020 14:34

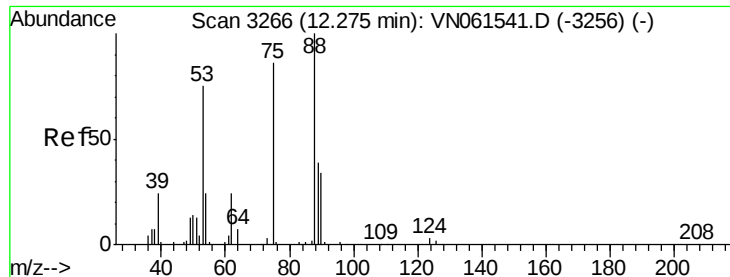
Tgt Ion: 105 Resp: 127355

Ion Ratio Lower Upper

105 100

120 51.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 3.286 ug/l

RT: 12.28 min Scan# 3268

Delta R.T. 0.01 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

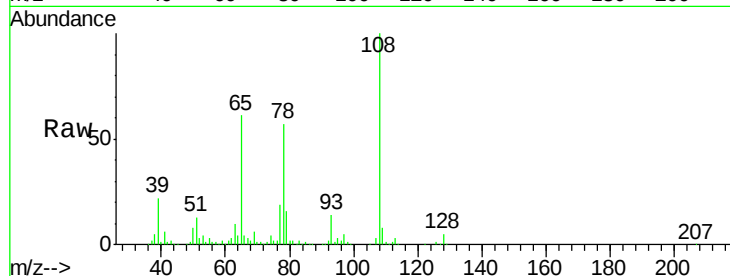
Tot Ion: 75 Resp: 7965

Ion Ratio Lower Upper

75 100

53 236.4 67.8 101.8#

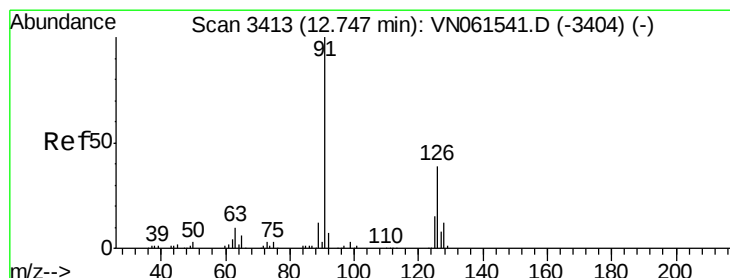
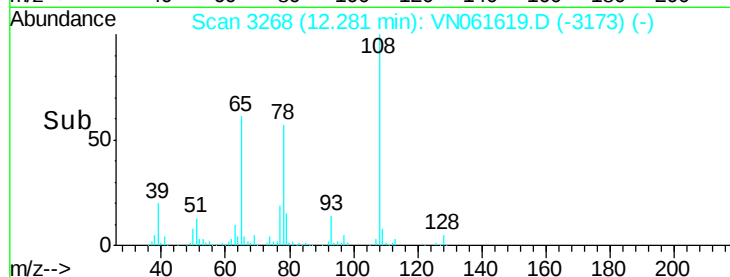
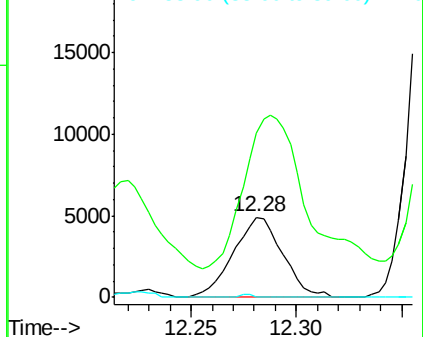
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.702 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN061619.D

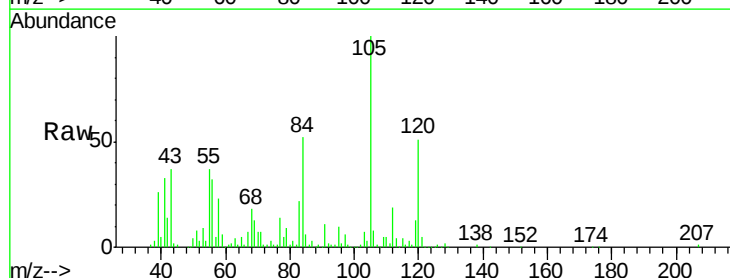
Acq: 2 Jun 2020 14:34

Tgt Ion: 91 Resp: 12223

Ion Ratio Lower Upper

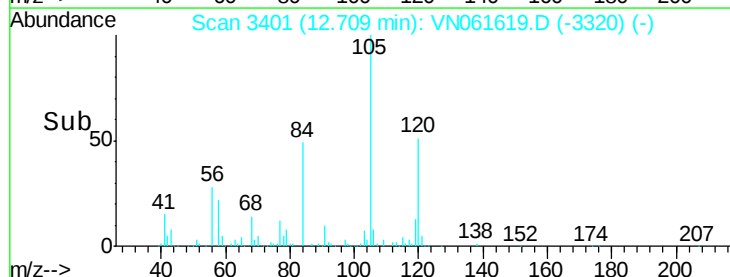
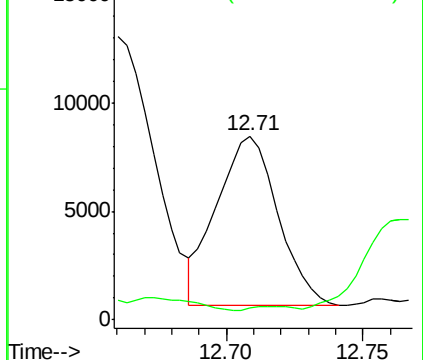
91 100

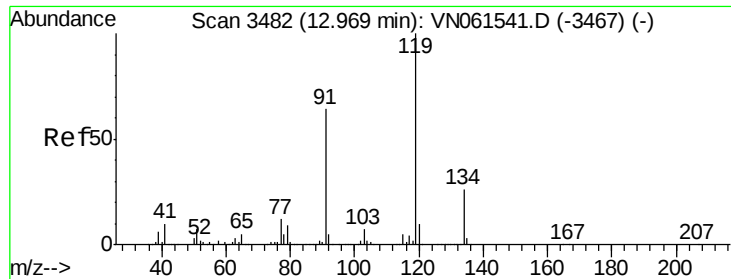
126 0.0 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

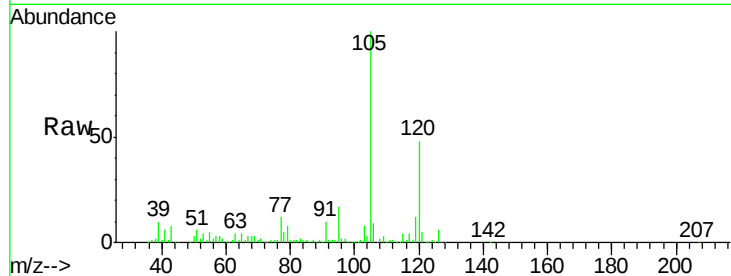




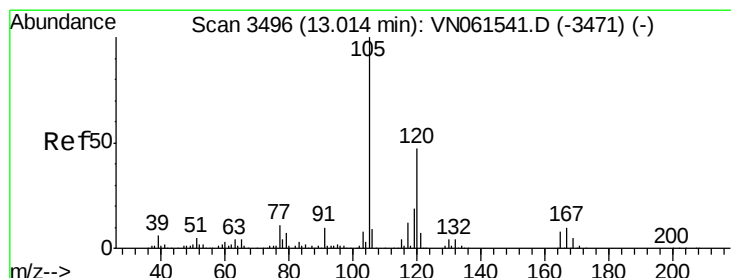
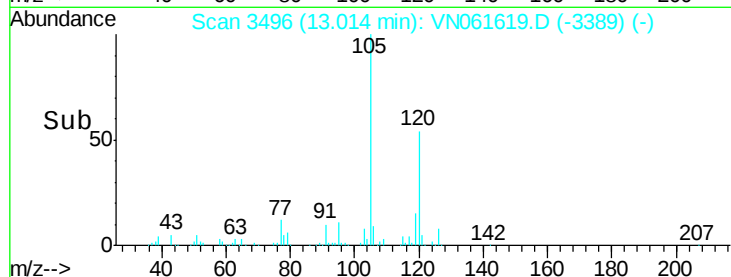
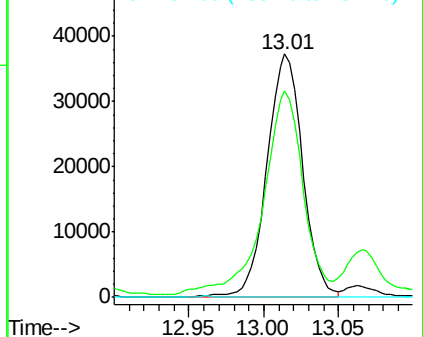
#83
tert-Butylbenzene
Concen: 3.369 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.05 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 61894
Ion Ratio Lower Upper
119 100
91 92.8 31.3 93.8
134 0.0 13.5 40.4#

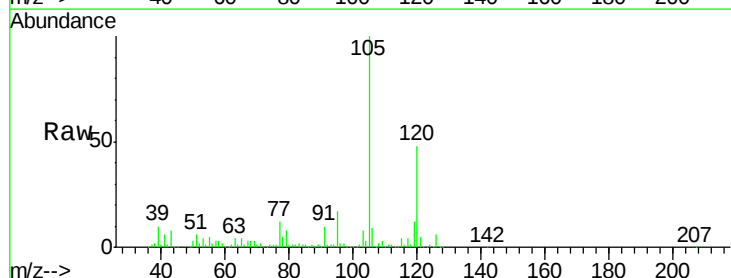


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

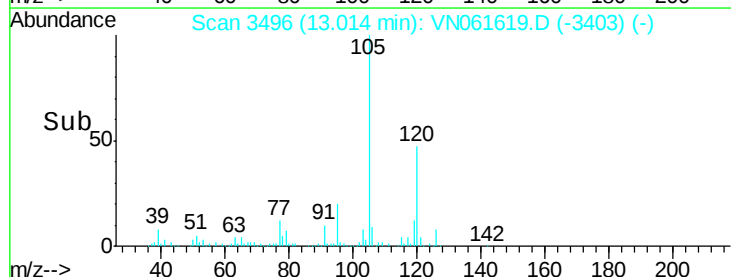
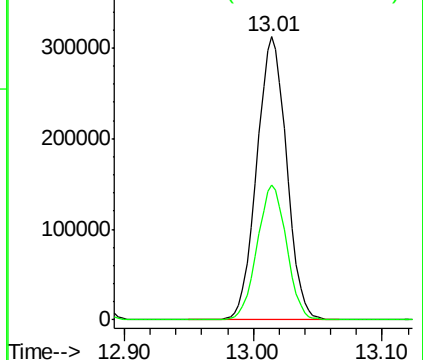


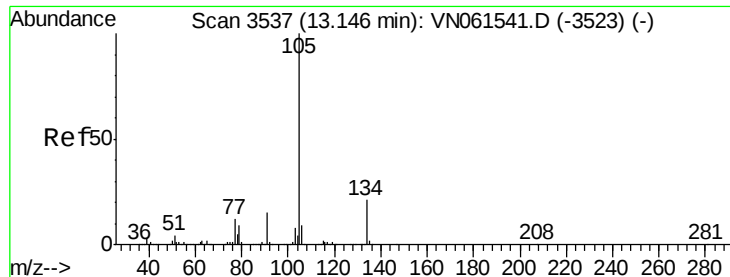
#84
1,2,4-Trimethylbenzene
Concen: 24.359 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion:105 Resp: 503209
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

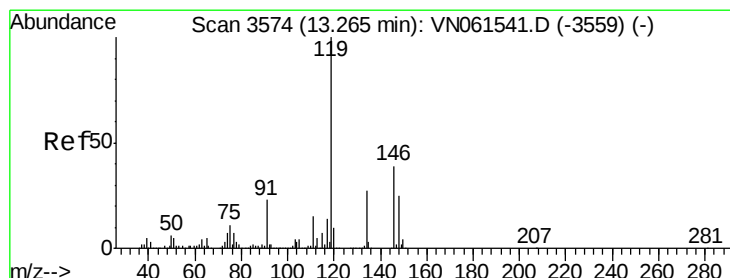
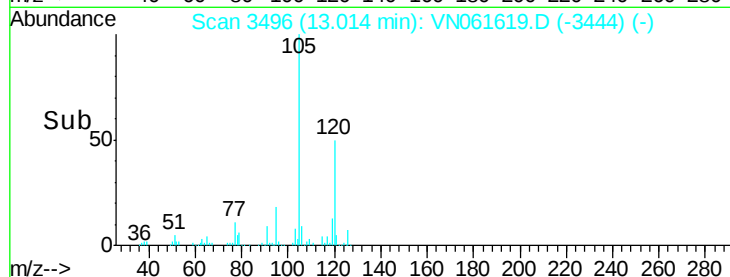
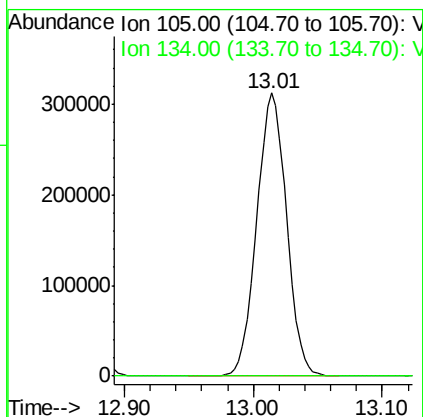
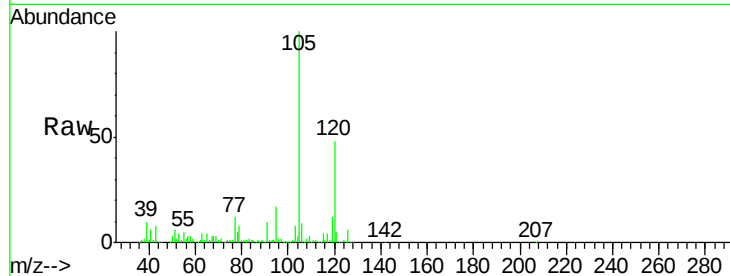




#85
 sec-Butylbenzene
 Concen: 21.255 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN061619.D
 Acq: 2 Jun 2020 14:34

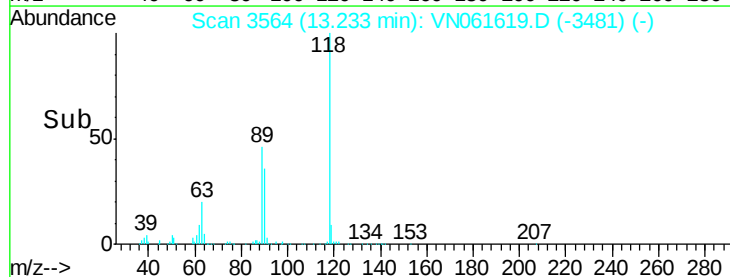
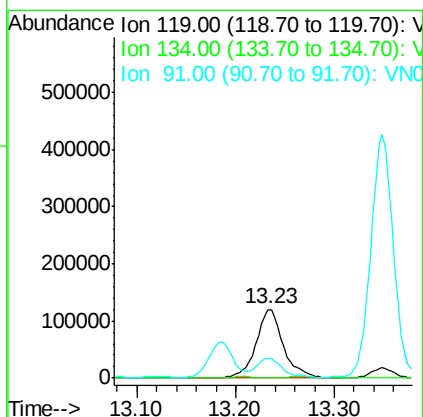
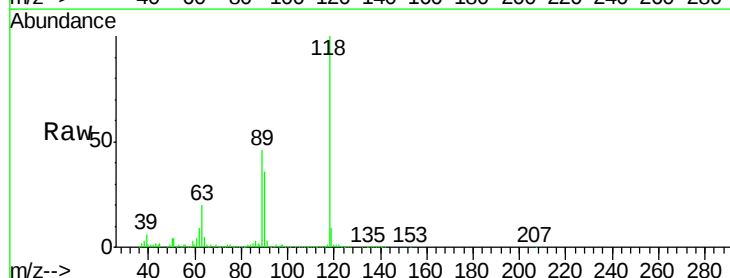
Instrument :
 MSVOA_N
 ClientSampled :

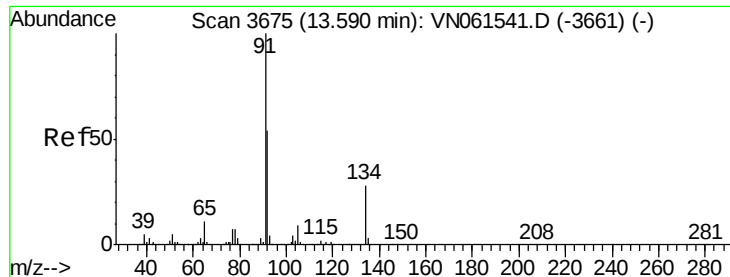
Tot Ion:105 Resp: 503209
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#



#86
 p-Isopropyltoluene
 Concen: 10.587 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.03 min
 Lab File: VN061619.D
 Acq: 2 Jun 2020 14:34

Tgt Ion:119 Resp: 230838
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.5 40.5#
 91 25.8 11.4 34.1

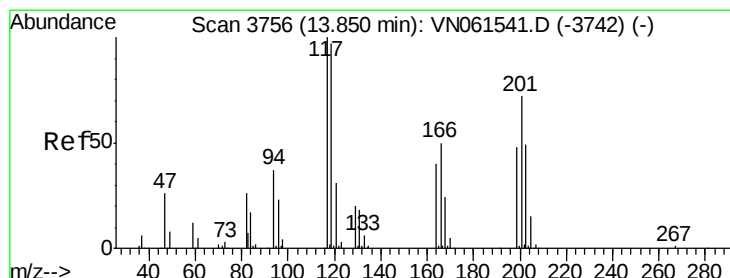
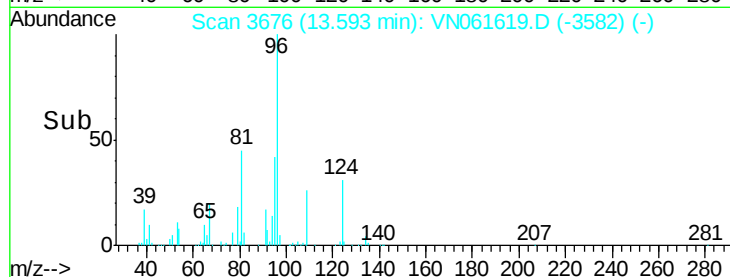
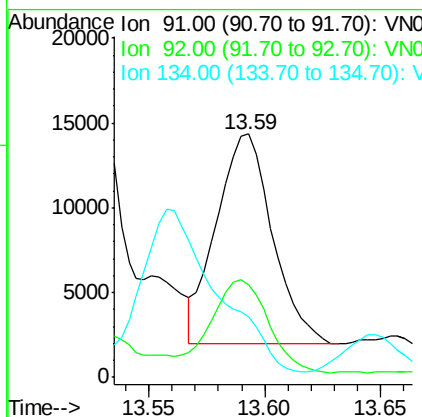
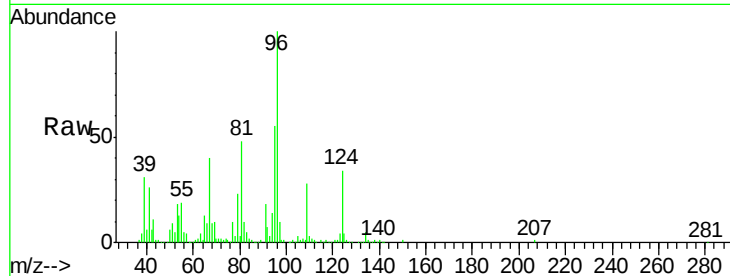




#89
n-Butylbenzene
Concen: 1.146 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

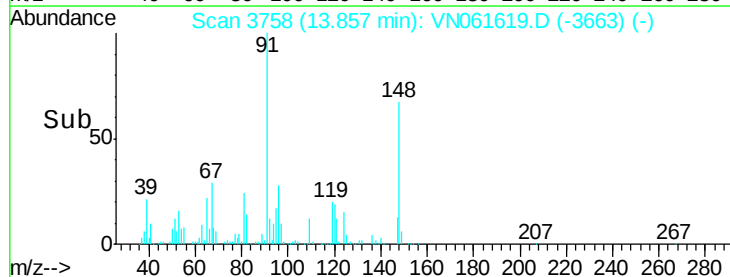
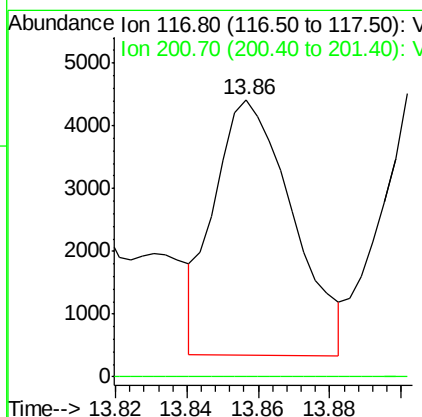
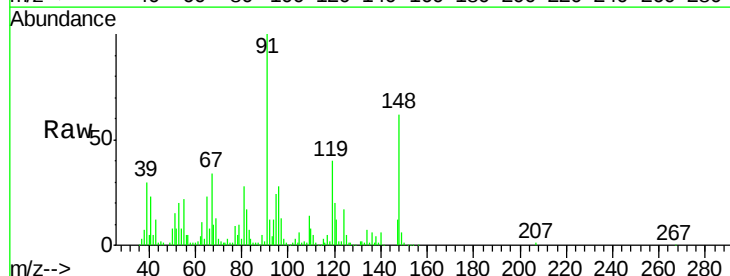
Instrument :
MSVOA_N
ClientSampleId :

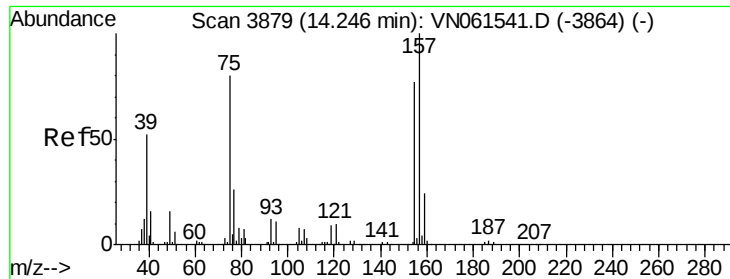
Tot Ion: 91 Resp: 20931
Ion Ratio Lower Upper
91 100
92 45.8 27.2 81.6
134 0.0 14.0 42.0#



#90
Hexachloroethane
Concen: 2.556 ug/l
RT: 13.86 min Scan# 3758
Delta R.T. 0.01 min
Lab File: VN061619.D
Acq: 2 Jun 2020 14:34

Tgt Ion: 117 Resp: 6163
Ion Ratio Lower Upper
117 100
201 0.0 36.7 110.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 59.331 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.03 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

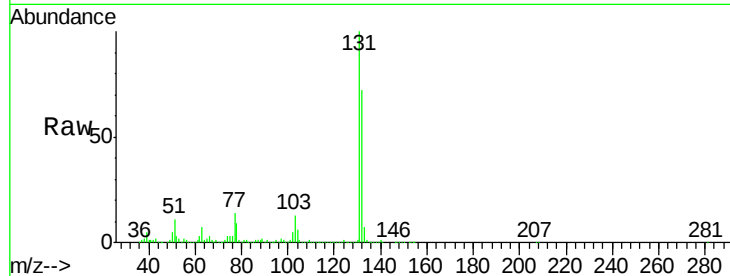
Tot Ion: 75 Resp: 84364

Ion Ratio Lower Upper

75 100

155 0.2 47.1 141.4#

157 0.0 60.3 180.8#

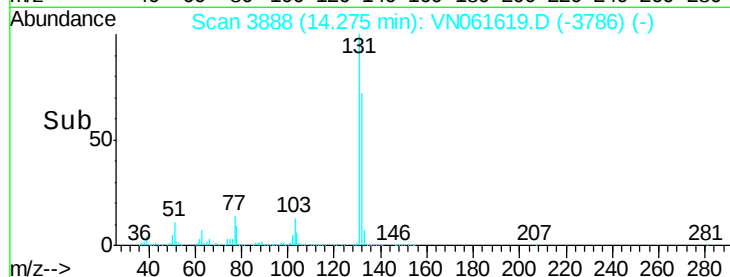


Abundance Ion 74.90 (74.60 to 75.60): VN061619.D (-3864) (-)

Ion 154.80 (154.50 to 155.50): VN061619.D (-3864) (-)

Ion 156.80 (156.50 to 157.50): VN061619.D (-3864) (-)

Time-->

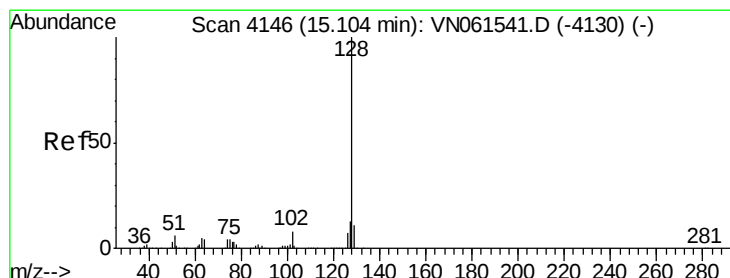


Abundance Ion 74.90 (74.60 to 75.60): VN061619.D (-3864) (-)

Ion 154.80 (154.50 to 155.50): VN061619.D (-3864) (-)

Ion 156.80 (156.50 to 157.50): VN061619.D (-3864) (-)

Time-->



#95

Naphthalene

Concen: 48.481 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061619.D

Acq: 2 Jun 2020 14:34

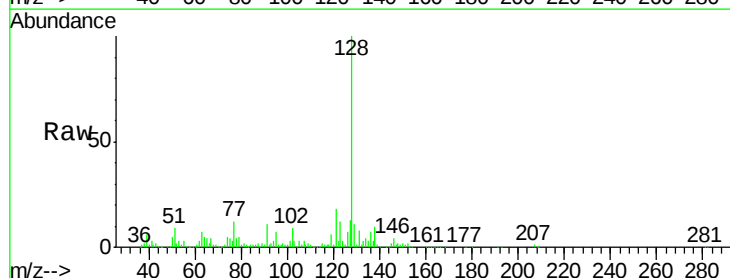
Tgt Ion: 128 Resp: 927499

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.9 8.5 12.7

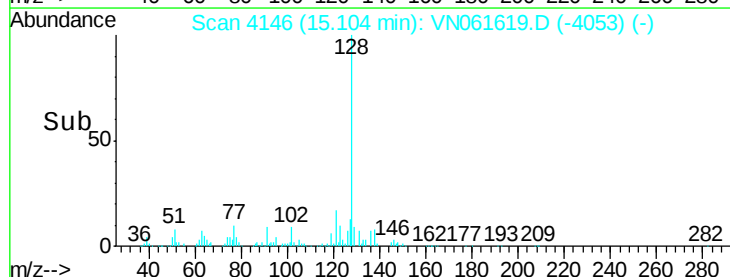


Abundance Ion 128.00 (127.70 to 128.70): VN061619.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN061619.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN061619.D (-4053) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): VN061619.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN061619.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN061619.D (-4053) (-)

Time-->