

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061588.D
 Acq On : 1 Jun 2020 12:40
 Operator : JC/MD
 Sample : PB129197TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

Quant Time: Jun 02 03:52:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	269278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	453809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	158490	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.55	113	123564	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.06	98	561677	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.37	95	201613	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1073	0.327	ug/l #	67
5) Bromomethane	2.54	94	1615	0.625	ug/l	99
10) Methyl Iodide	3.91	142	1079	0.302	ug/l #	88
11) Tert butyl alcohol	4.73	59	636	1.490	ug/l #	72
16) Acetone	3.77	43	10637	5.978	ug/l	99
17) Carbon Disulfide	4.00	76	1314	0.217	ug/l #	74
18) Methyl Acetate	4.28	43	1946	0.670	ug/l #	72
20) Methylene Chloride	4.51	84	4390	Below Cal	#	80
25) 2-Butanone	6.79	43	5877	3.865	ug/l	90
29) Tetrahydrofuran	7.16	42	1338	1.334	ug/l #	29
31) Cyclohexane	7.62	56	5460	1.208	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	19839	4.817	ug/l #	49
38) Carbon Tetrachloride	7.62	117	26977	6.790	ug/l #	15
43) Isopropyl Acetate	8.12	43	69379	11.625	ug/l #	91
45) 1,2-Dichloropropane	9.23	63	1593	0.528	ug/l #	44
48) Methyl methacrylate	9.14	41	4333	1.614	ug/l #	5
49) 1,4-Dioxane	9.17	88	440	10.577	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	6644	1.975	ug/l	98
52) Toluene	10.13	92	2342	0.282	ug/l	94
54) cis-1,3-Dichloropropene	9.87	75	38992	7.342	ug/l #	61
57) 1,3-Dichloropropane	10.74	76	6572	1.243	ug/l #	42
59) 2-Hexanone	10.73	43	74206	30.721	ug/l #	52
74) N-ethyl acetate	12.00	43	3687	0.826	ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	100046	28.321	ug/l #	100
79) 2-Chlorotoluene	12.75	91	2247	0.238	ug/l	87
80) 1,3,5-Trimethylbenzene	12.71	105	5213	0.440	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.37	75	100046	72.423	ug/l #	15
82) 4-Chlorotoluene	12.75	91	2247	0.226	ug/l	85
87) 1,3-Dichlorobenzene	13.26	146	2069	0.323	ug/l	94
88) 1,4-Dichlorobenzene	13.26	146	2069	0.317	ug/l	94
89) n-Butylbenzene	13.59	91	3975	0.382	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	1729	0.282	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.25	75	243	0.300	ug/l #	36
93) 1,2,4-Trichlorobenzene	14.89	180	3281	0.916	ug/l	97

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

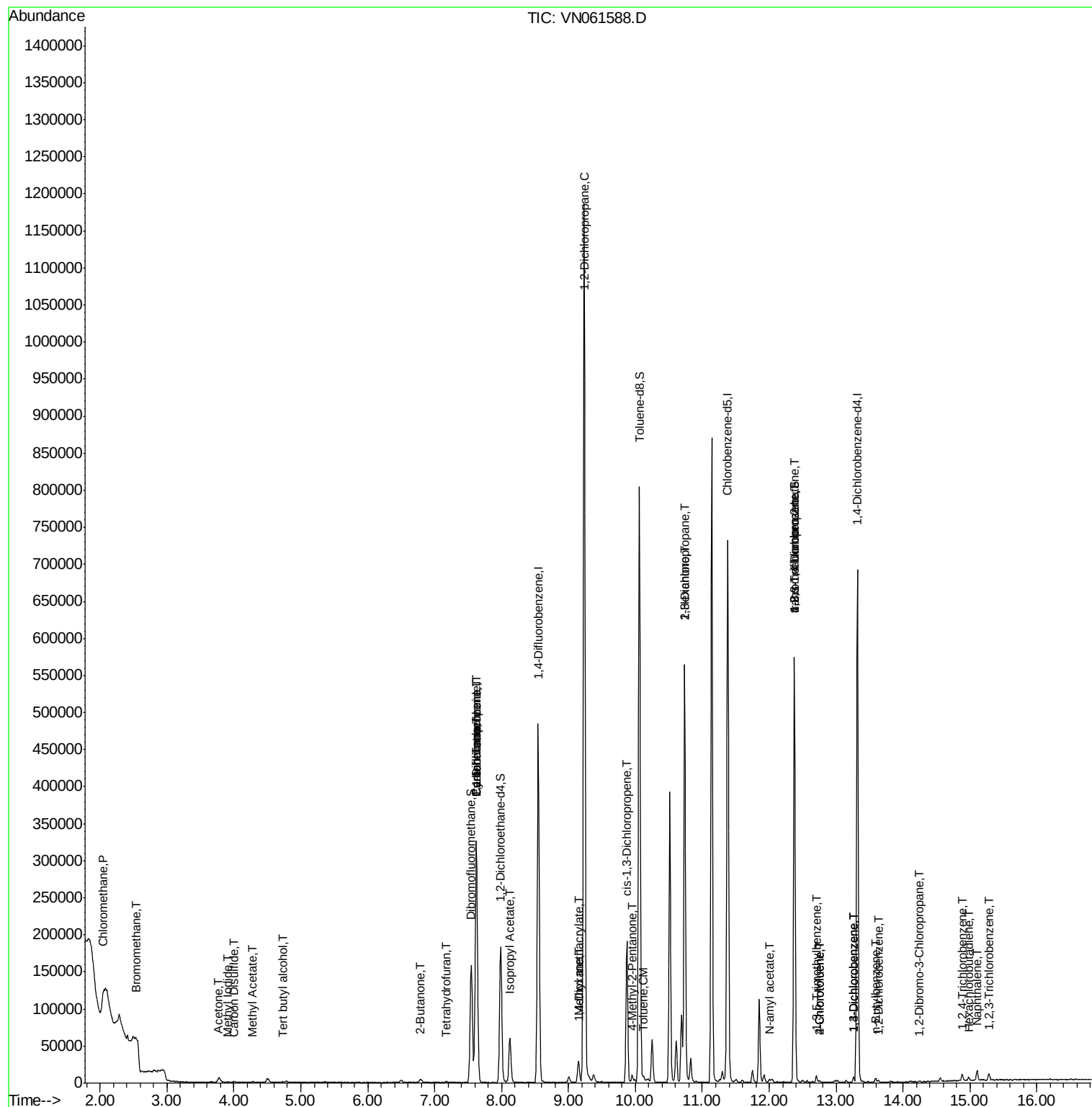
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	911	0.596	ug/l	91
95) Naphthalene	15.10	128	12614	1.157	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	3807	1.081	ug/l	95

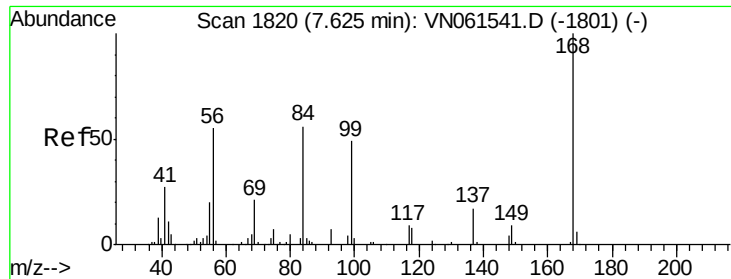
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

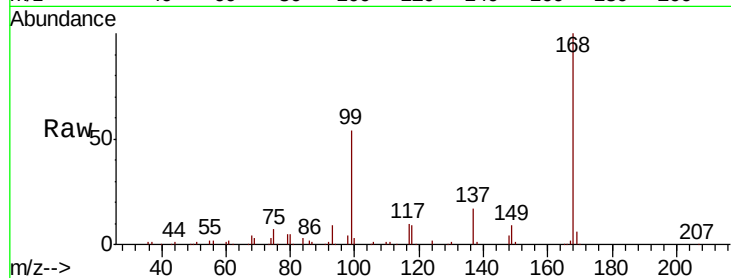
PB129197TB

Tot Ion:168 Resp: 269278

Ion Ratio Lower Upper

168 100

99 54.3 45.0 67.4



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

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

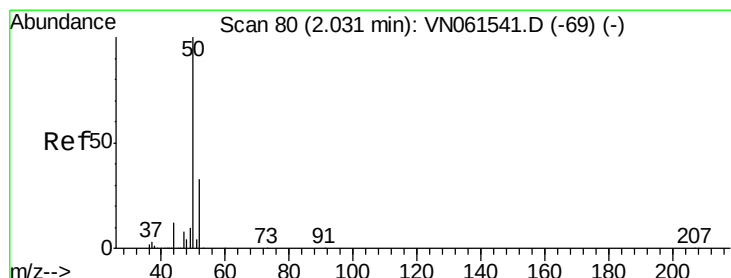
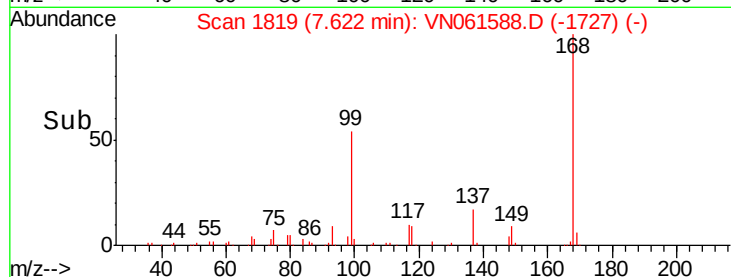
7.62

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.327 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061588.D

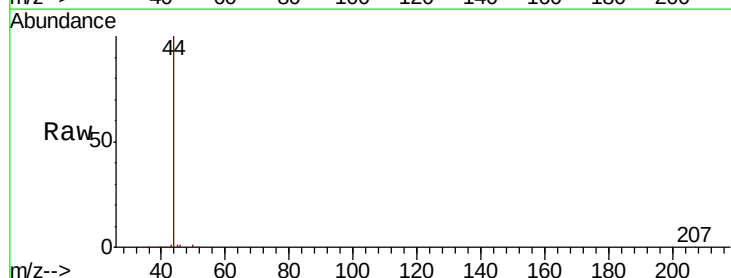
Acq: 1 Jun 2020 12:40

Tgt Ion: 50 Resp: 1073

Ion Ratio Lower Upper

50 100

52 52.3 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN061541.D (-69) (-)

Ion 51.90 (51.60 to 52.60): VN061541.D (-69) (-)

2.04

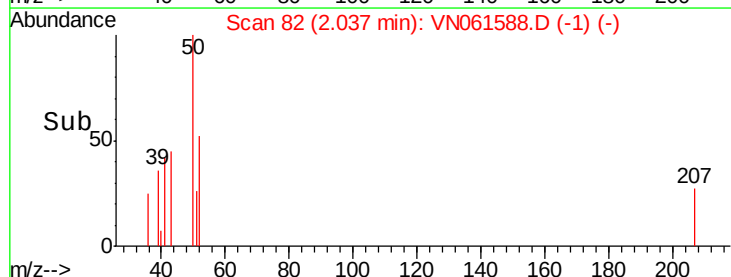
600

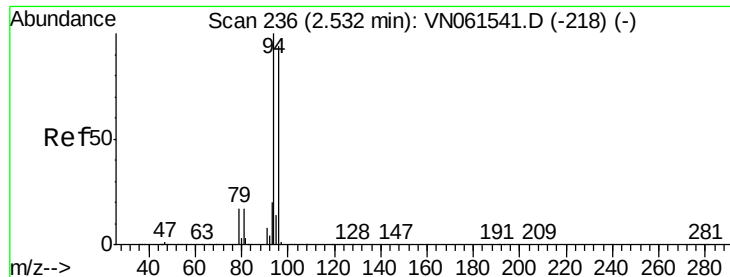
400

200

0

Time-->





#5

Bromomethane

Concen: 0.625 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

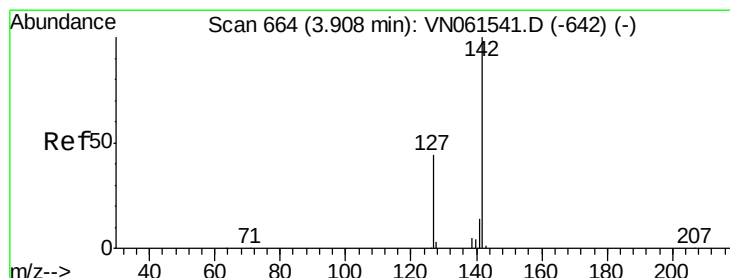
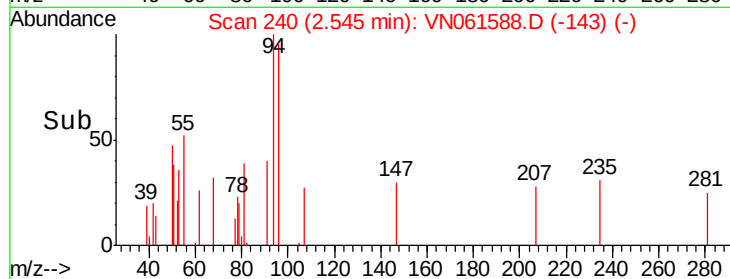
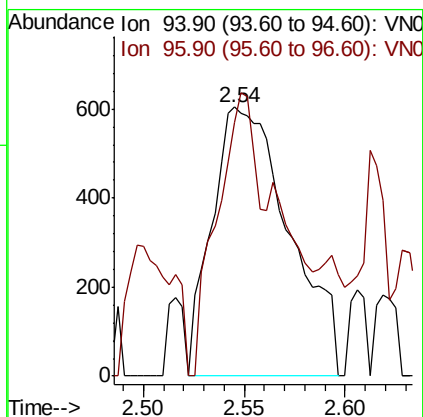
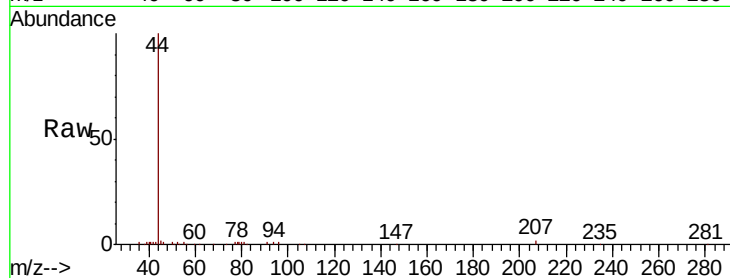
PB129197TB

Tot Ion: 94 Resp: 1615

Ion Ratio Lower Upper

94 100

96 94.5 74.8 112.2



#10

Methyl Iodide

Concen: 0.302 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

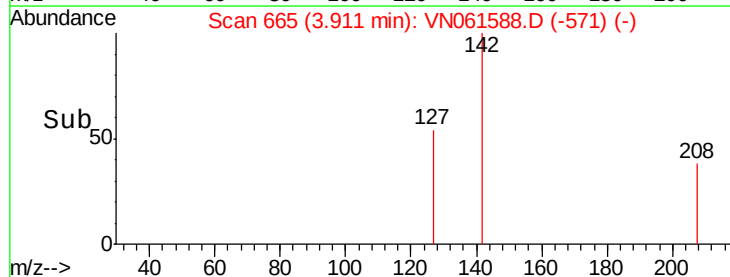
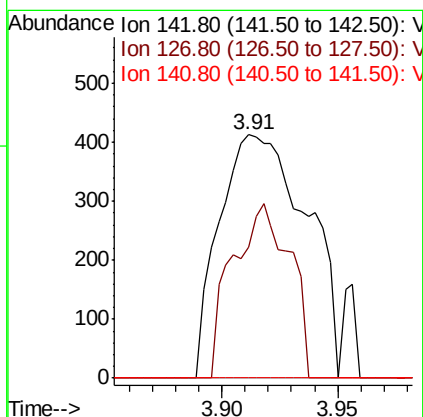
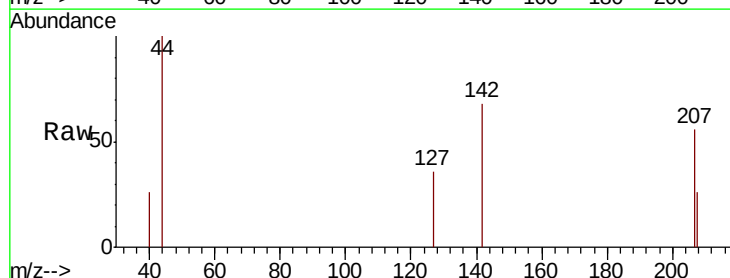
Tgt Ion: 142 Resp: 1079

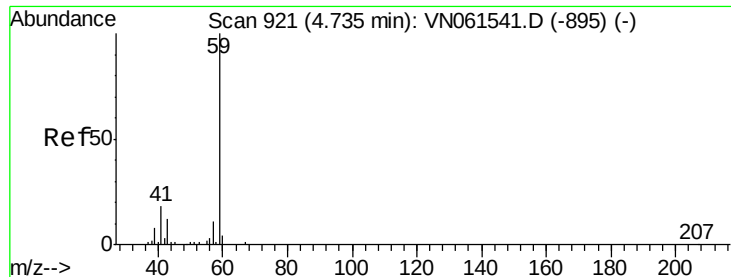
Ion Ratio Lower Upper

142 100

127 47.1 35.5 53.3

141 0.0 11.5 17.3#



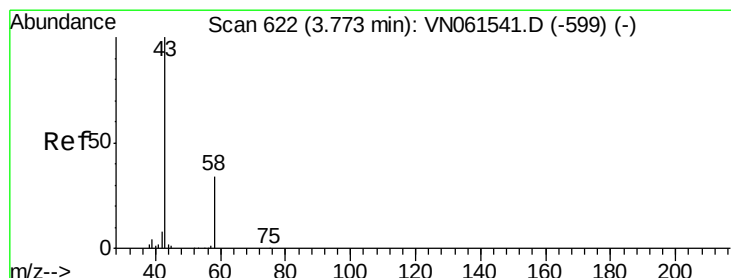
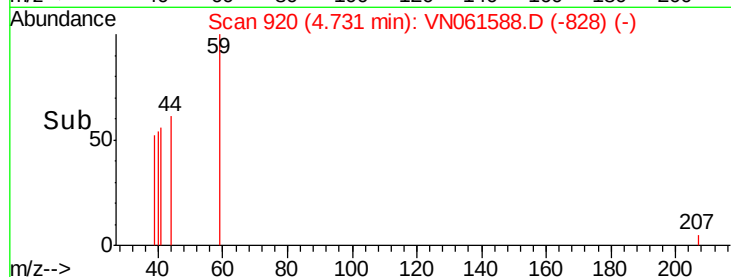
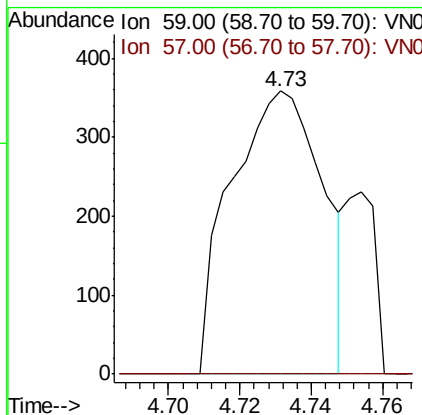
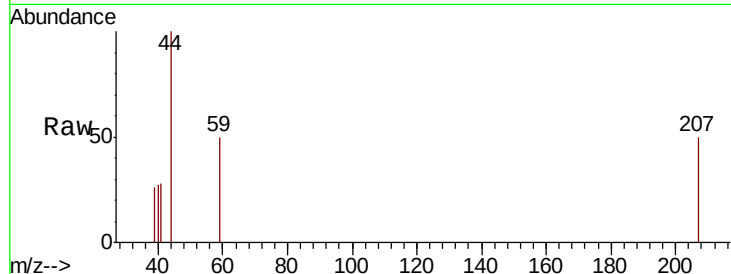


#11

Tert butyl alcohol
 Concen: 1.490 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

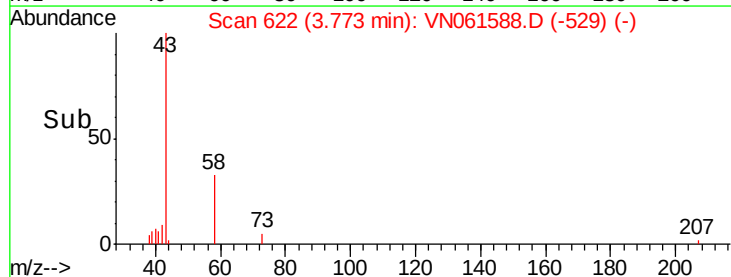
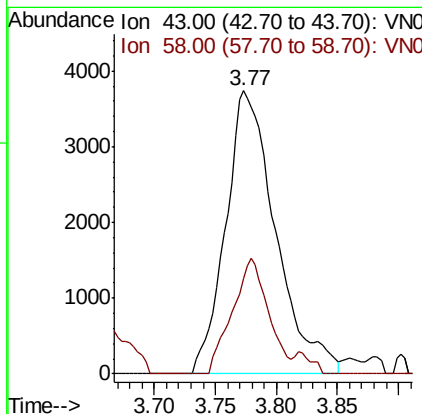
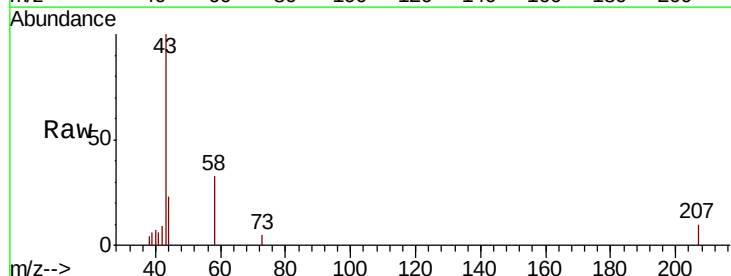
Tot Ion: 59 Resp: 636
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

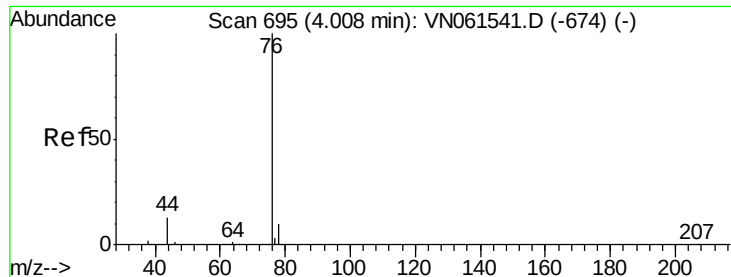


#16

Acetone
 Concen: 5.978 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion: 43 Resp: 10637
 Ion Ratio Lower Upper
 43 100
 58 33.5 27.2 40.8





#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

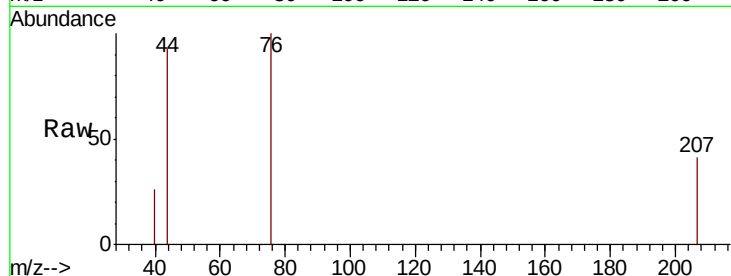
PB129197TB

Tot Ion: 76 Resp: 1314

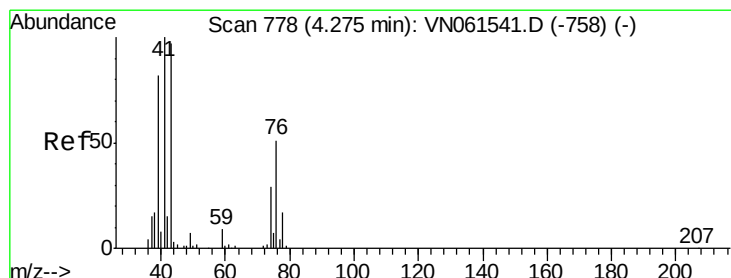
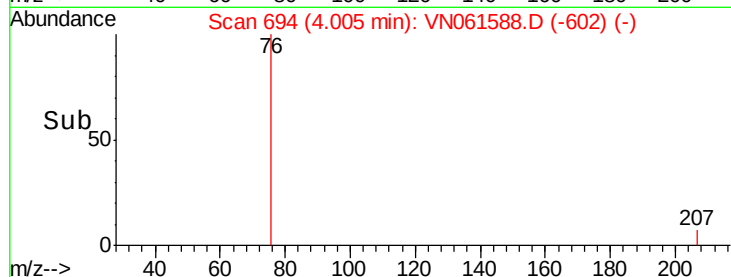
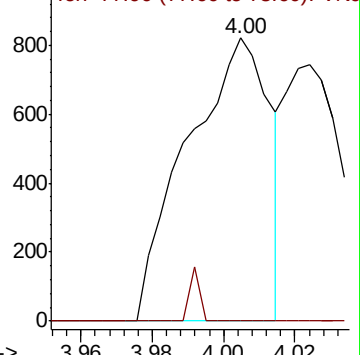
Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-674) (-)



#18

Methyl Acetate

Concen: 0.670 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061588.D

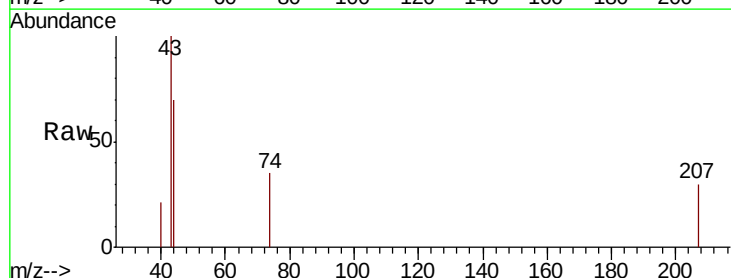
Acq: 1 Jun 2020 12:40

Tgt Ion: 43 Resp: 1946

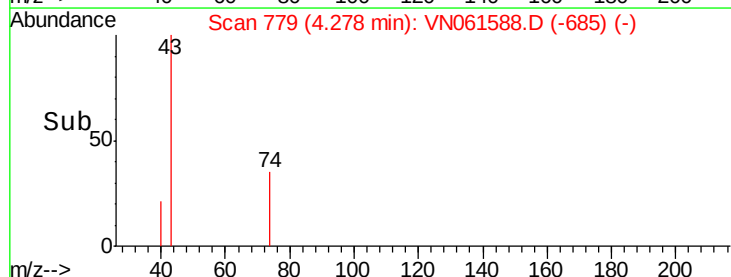
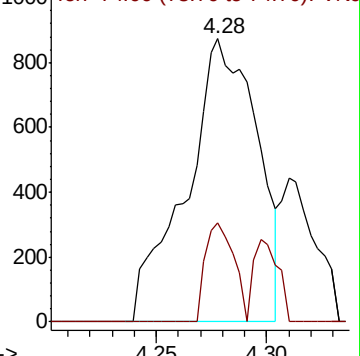
Ion Ratio Lower Upper

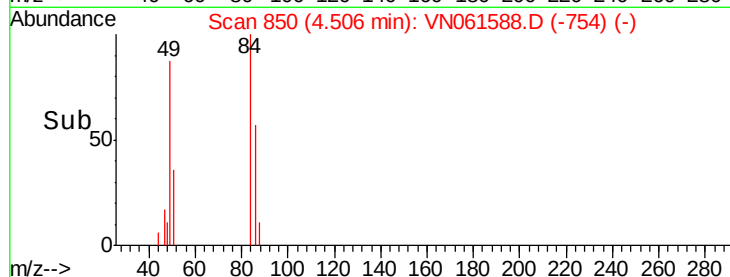
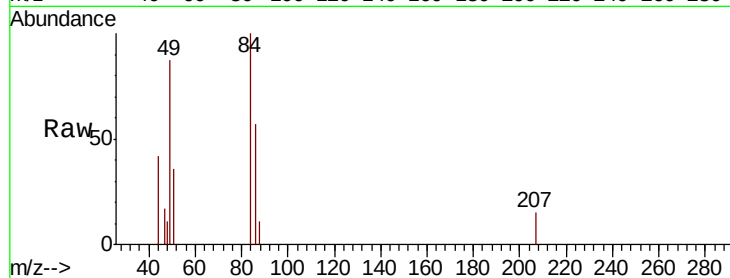
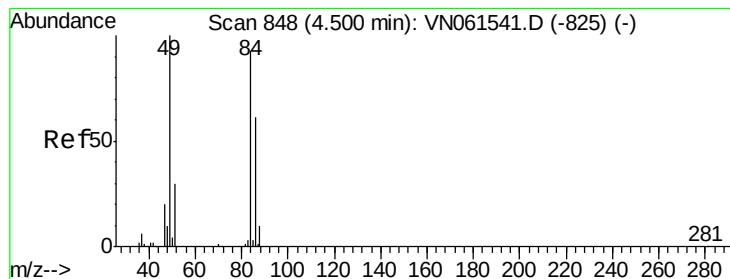
43 100

74 13.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-758) (-)





#20

Methylene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

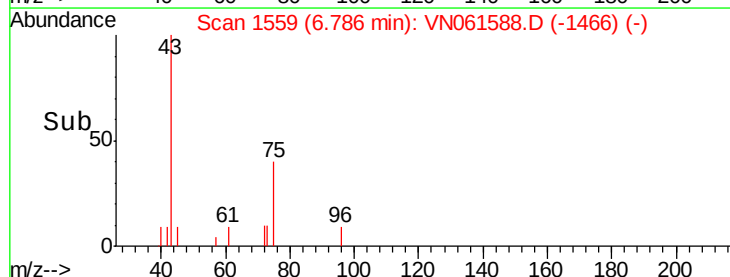
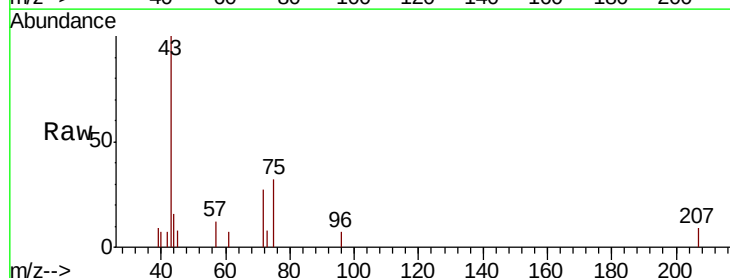
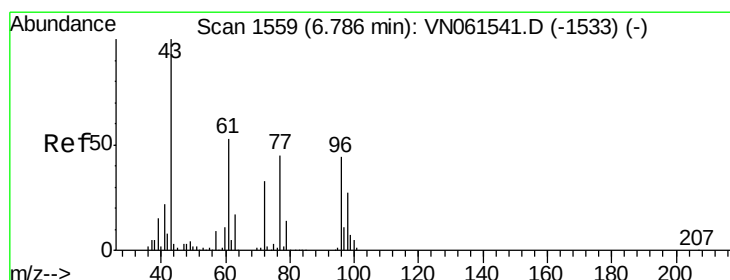
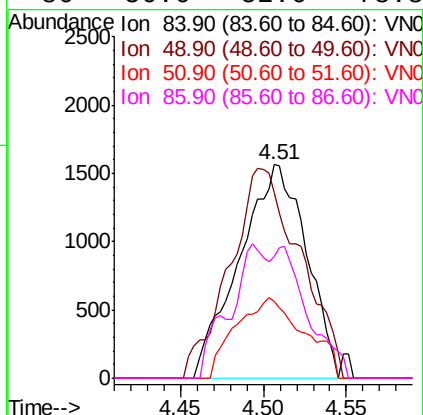
MSVOA_N

ClientSampleId :

PB129197TB

Tot Ion: 84 Resp: 4390

Ion	Ratio	Lower	Upper
84	100		
49	76.9	85.8	128.8#
51	36.3	26.2	39.2
86	56.6	52.6	78.8



#25

2-Butanone

Concen: 3.865 ug/l

RT: 6.79 min Scan# 1559

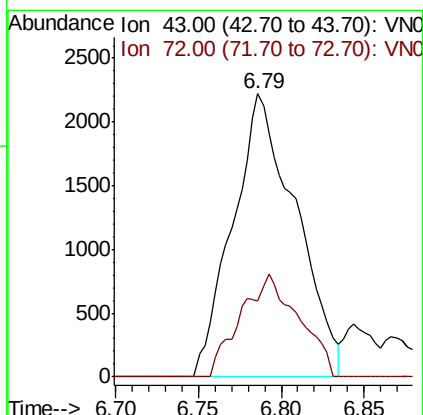
Delta R.T. -0.00 min

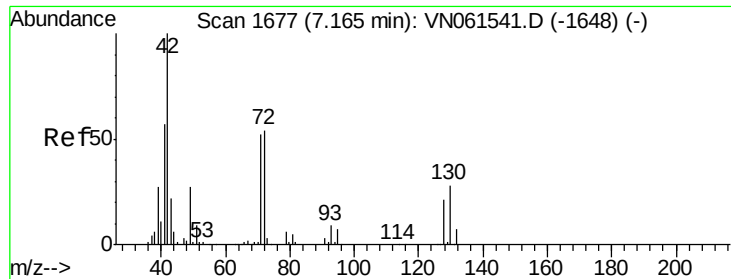
Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Tgt Ion: 43 Resp: 5877

Ion	Ratio	Lower	Upper
43	100		
72	27.1	26.0	39.0

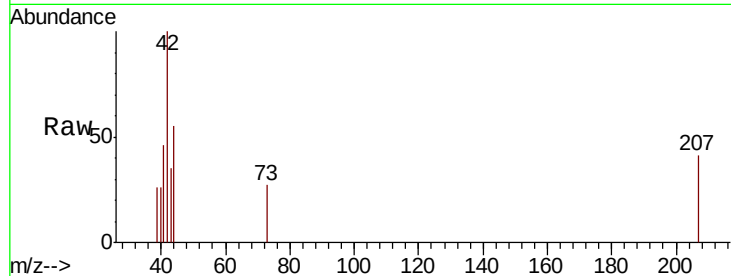




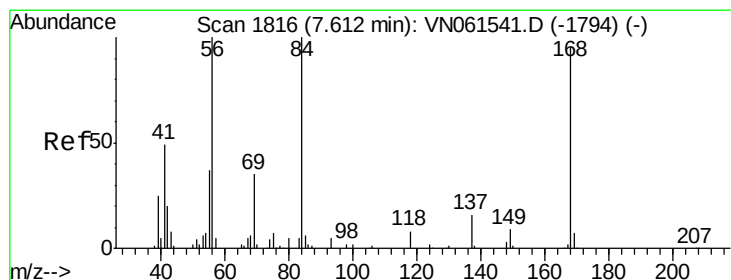
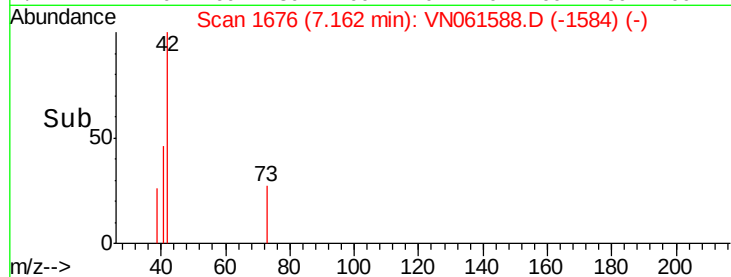
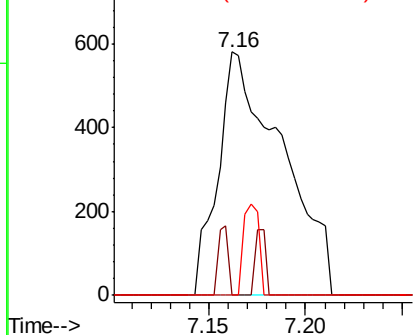
#29
Tetrahydrofuran
Concen: 1.334 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
PB129197TB

Tot Ion: 42 Resp: 1338
Ion Ratio Lower Upper
42 100
72 4.6 43.6 65.4#
71 0.0 41.2 61.8#

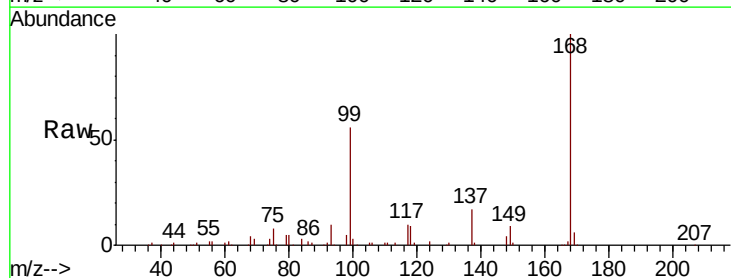


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

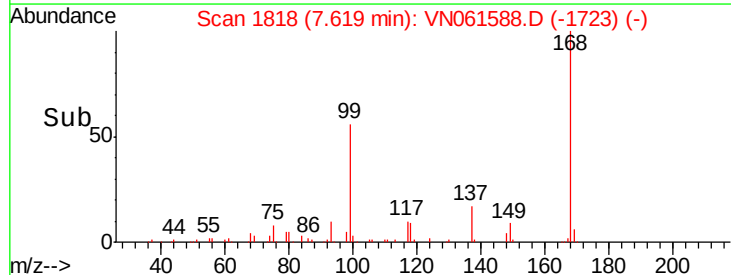
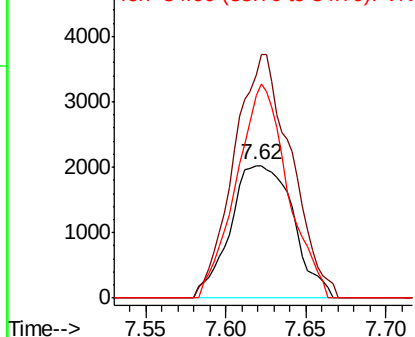


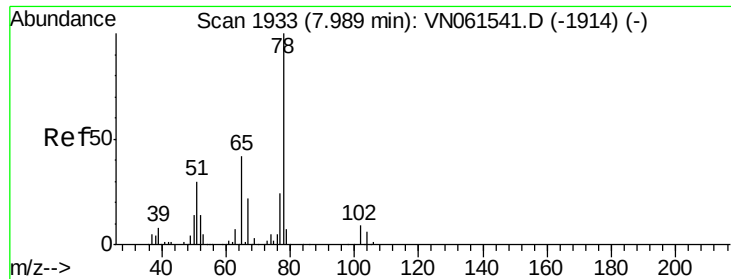
#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Tgt Ion: 56 Resp: 5460
Ion Ratio Lower Upper
56 100
69 168.3 27.8 41.8#
84 153.4 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

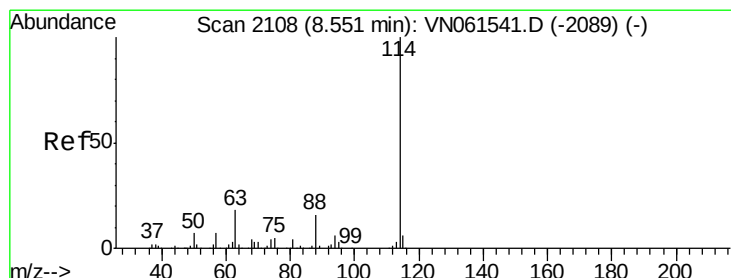
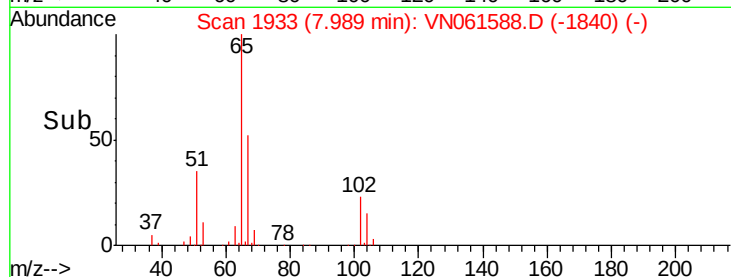
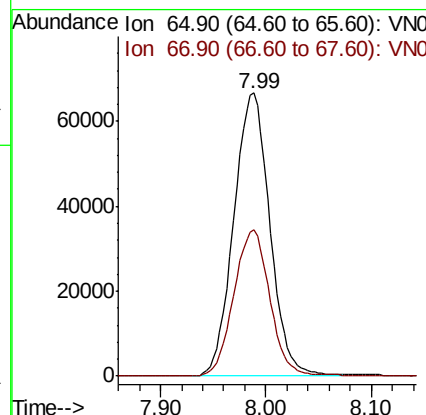
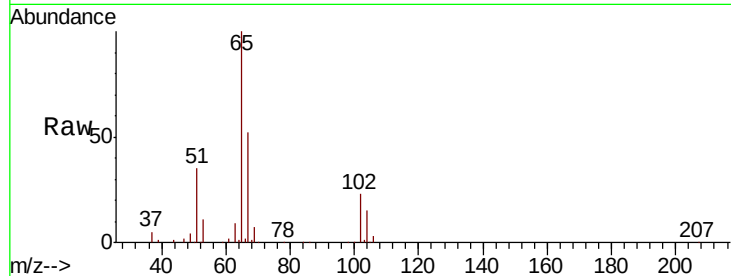




#33
 1,2-Dichloroethane-d4
 Concen: 49.400 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

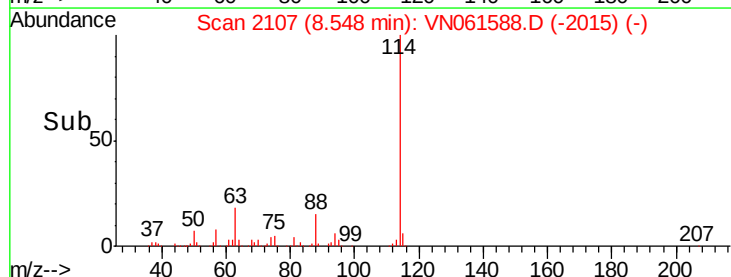
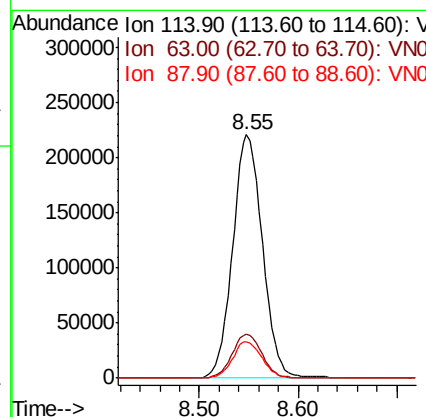
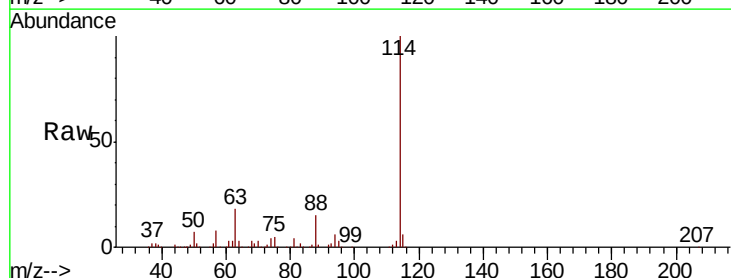
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

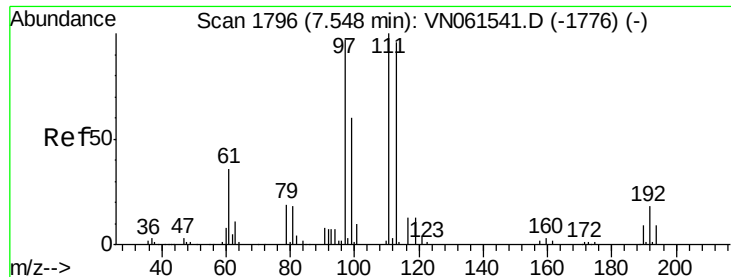
Tot Ion: 65 Resp: 158490
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion: 114 Resp: 465260
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.8
 88 14.9 0.0 31.0

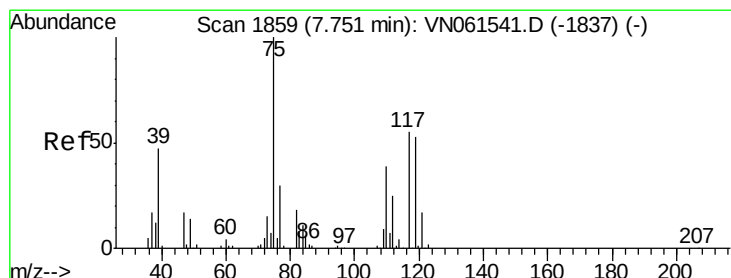
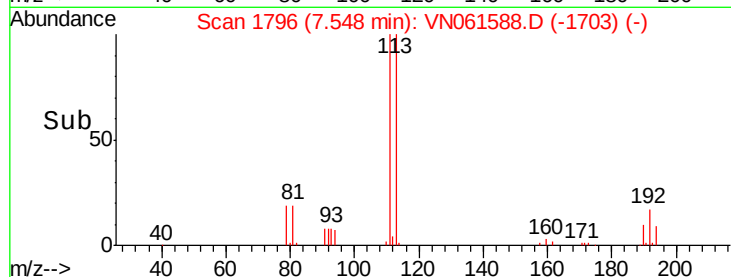
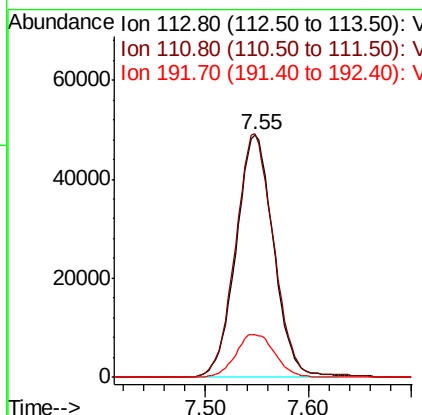
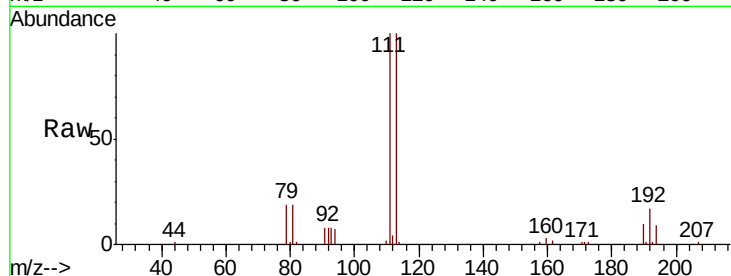




#35
 Dibromofluoromethane
 Concen: 52.354 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

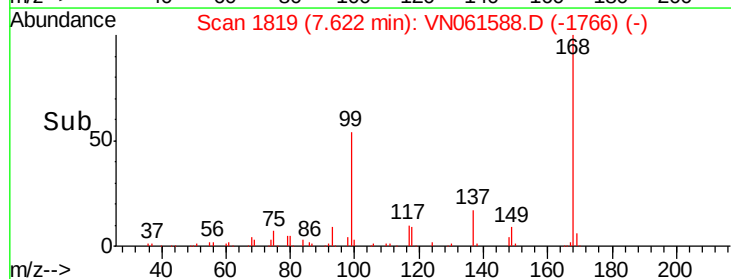
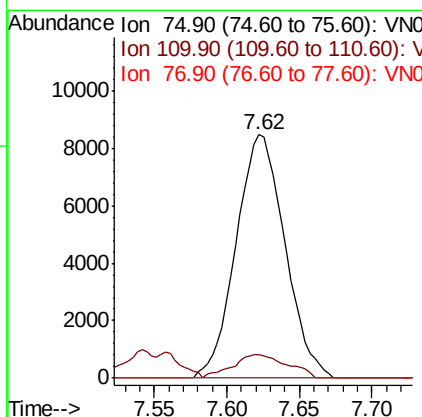
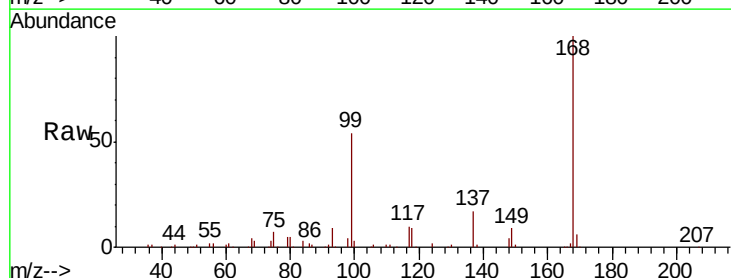
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

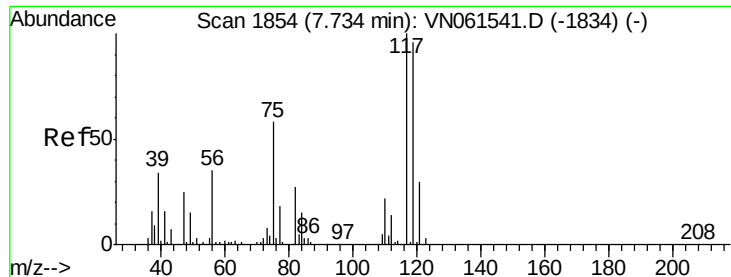
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.0
192	18.5	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.817 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.5	58.5#
77	0.0	24.7	37.1#

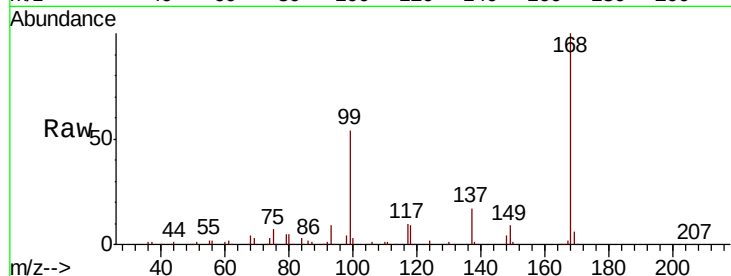




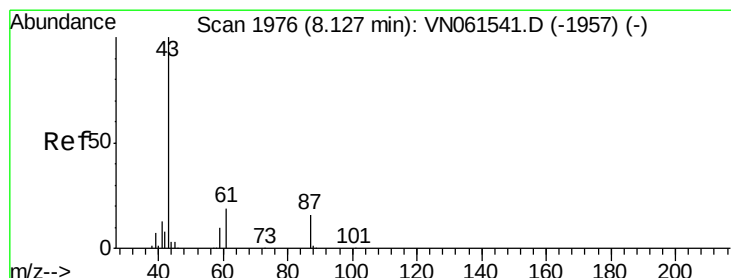
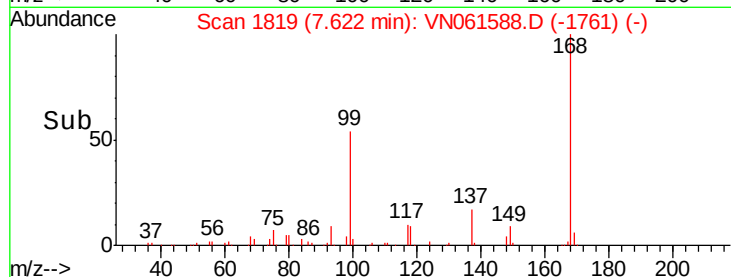
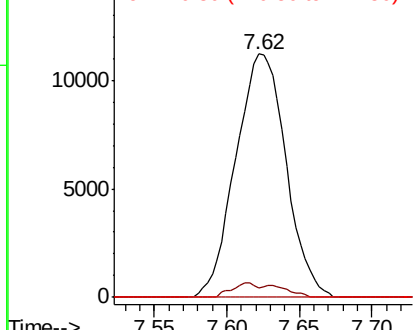
#38
Carbon Tetrachloride
Concen: 6.790 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
PB129197TB

Tot Ion:117 Resp: 26977
Ion Ratio Lower Upper
117 100
119 4.1 76.5 114.7#
121 0.0 24.1 36.1#

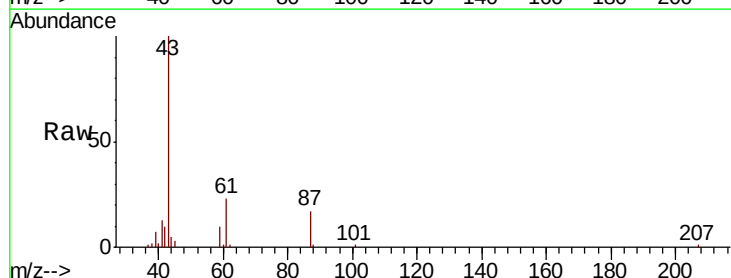


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

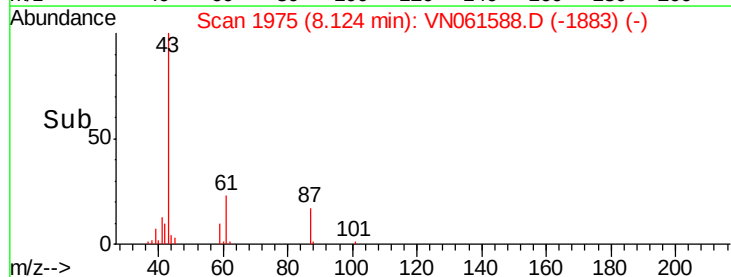
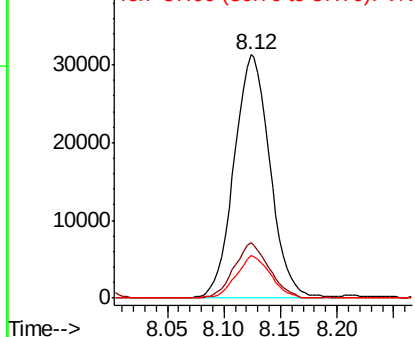


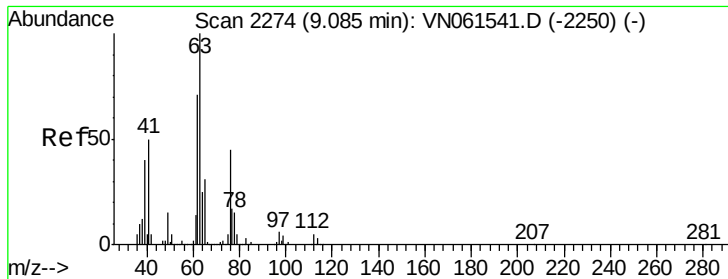
#43
Isopropyl Acetate
Concen: 11.625 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Tgt Ion: 43 Resp: 69379
Ion Ratio Lower Upper
43 100
61 22.0 23.6 35.4#
87 16.6 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.528 ug/l

RT: 9.23 min Scan# 2320

Delta R.T. 0.15 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

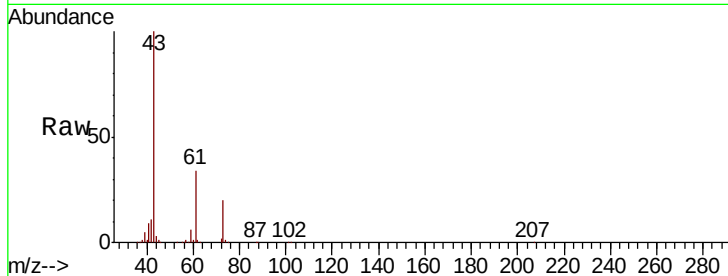
PB129197TB

Tot Ion: 63 Resp: 1593

Ion Ratio Lower Upper

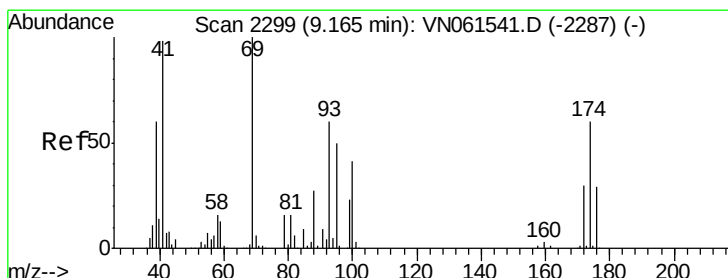
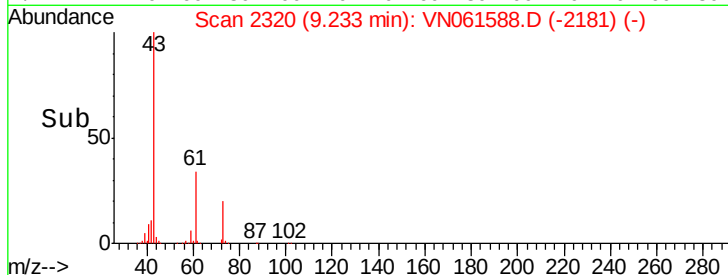
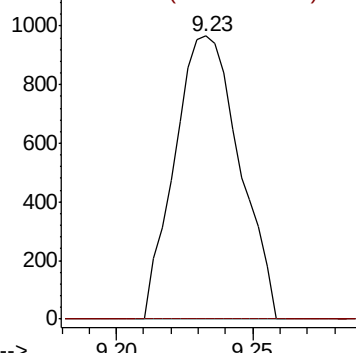
63 100

65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.614 ug/l

RT: 9.14 min Scan# 2292

Delta R.T. -0.02 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

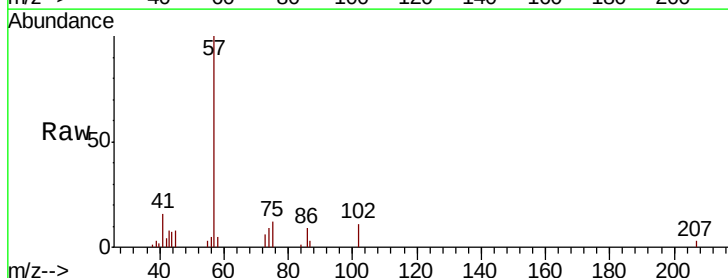
Tgt Ion: 41 Resp: 4333

Ion Ratio Lower Upper

41 100

69 0.0 83.9 125.9#

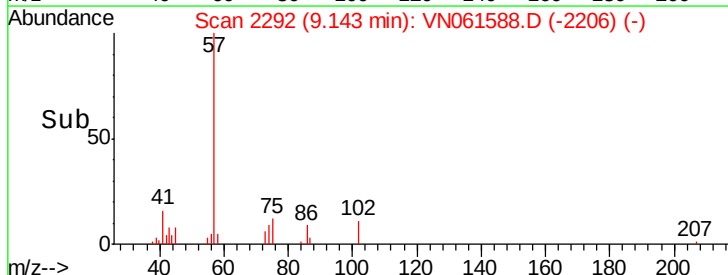
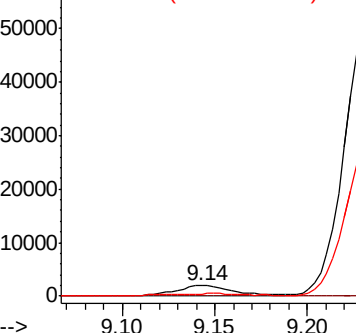
39 0.0 52.1 78.1#

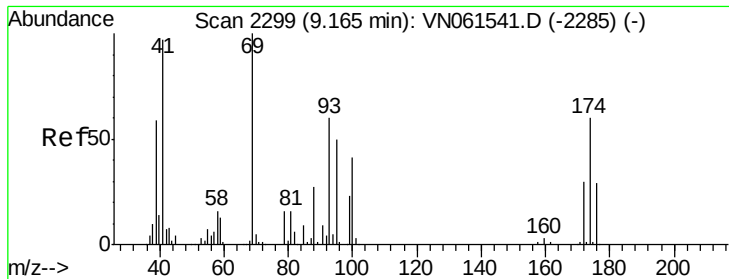


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

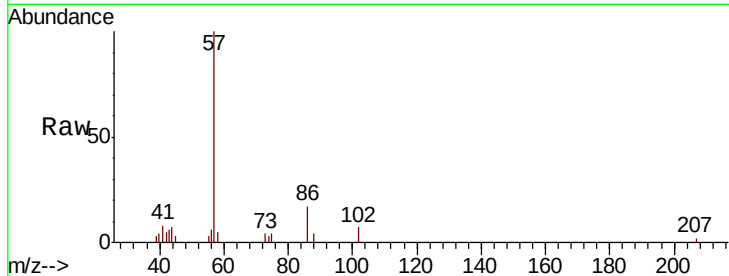




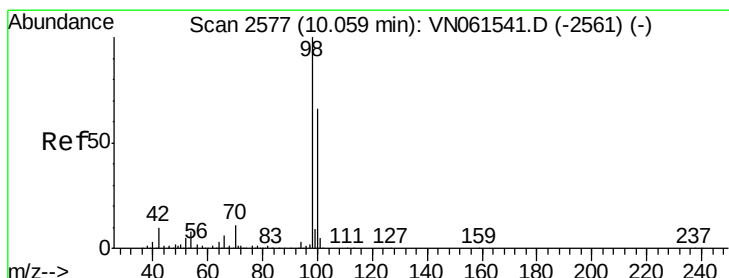
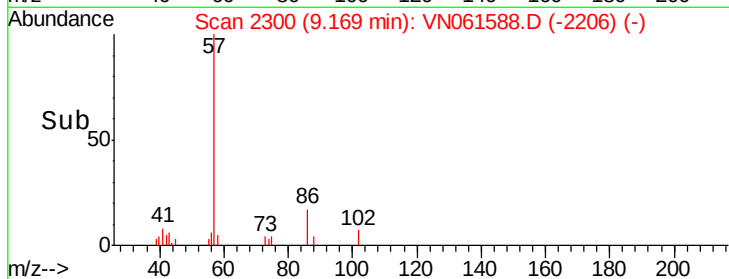
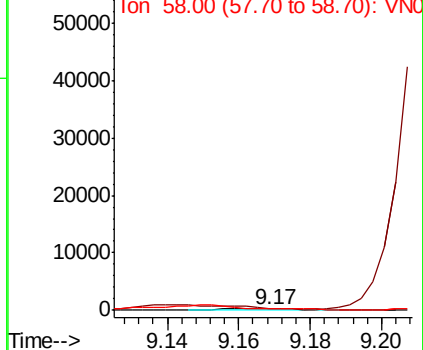
#49
1,4-Dioxane
Concen: 10.577 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
PB129197TB

Tot Ion: 88 Resp: 440
Ion Ratio Lower Upper
88 100
43 0.0 23.1 34.7#
58 408.6 48.3 72.5#

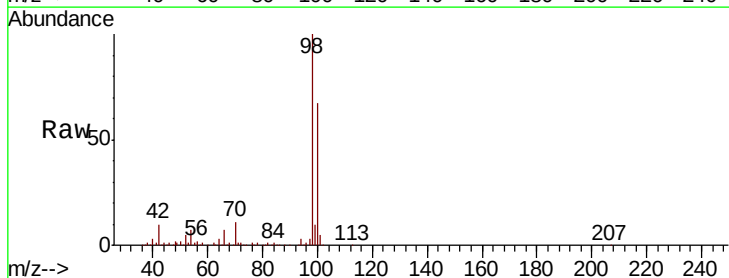


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

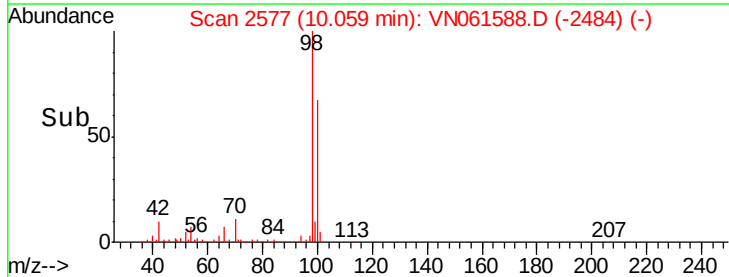
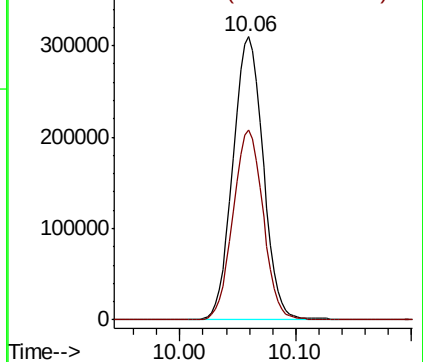


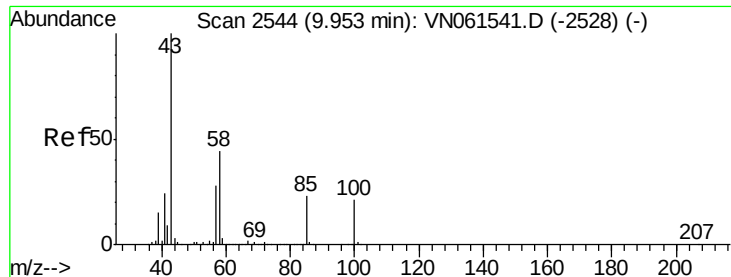
#50
Toluene-d8
Concen: 51.354 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Tgt Ion: 98 Resp: 561677
Ion Ratio Lower Upper
98 100
100 66.8 52.8 79.2



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

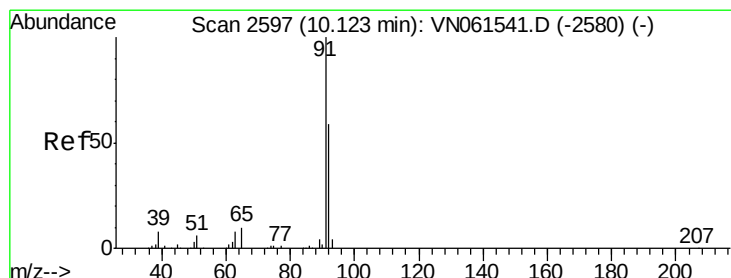
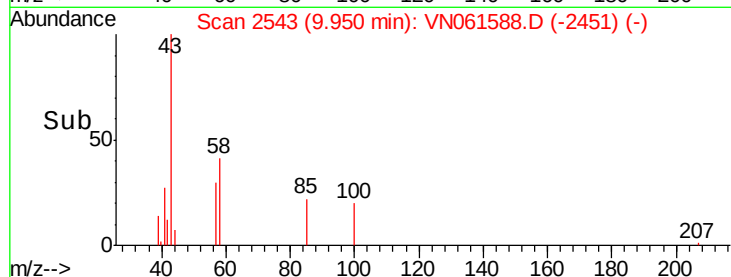
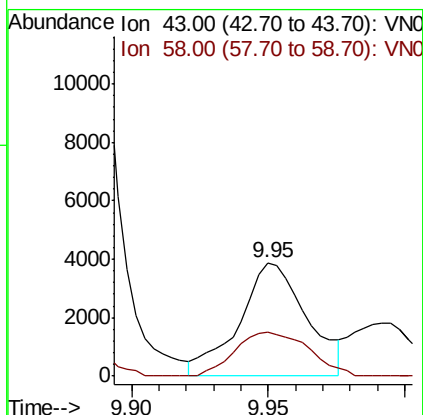
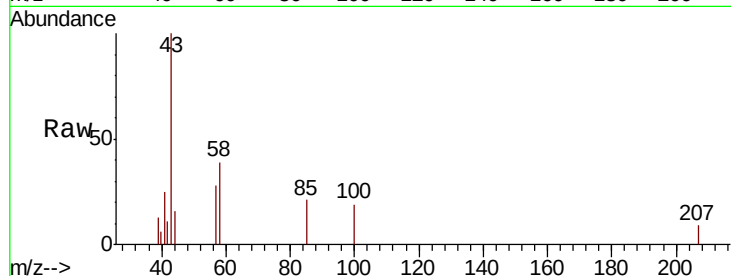




#51
 4-Methyl-2-Pentanone
 Concen: 1.975 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

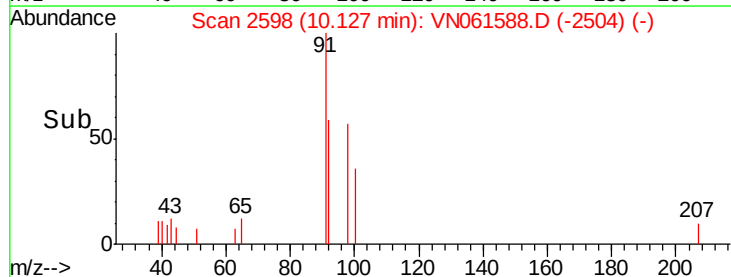
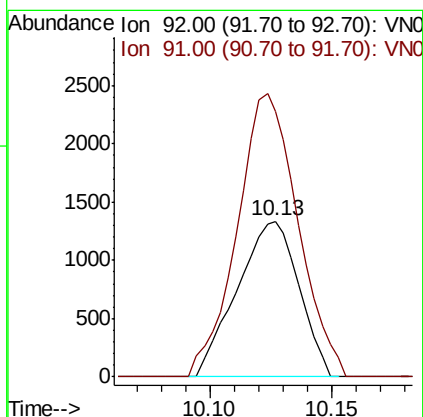
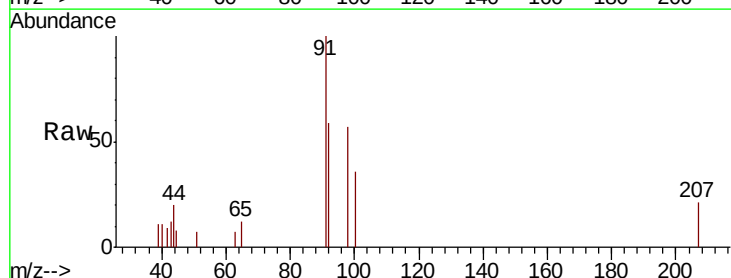
Instrument :
 MSVOA_N
 ClientSampled :
 PB129197TB

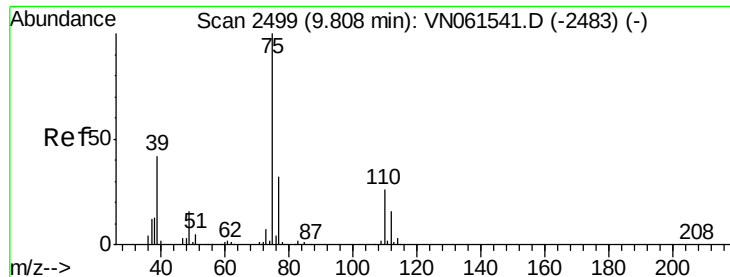
Tot Ion: 43 Resp: 6644
 Ion Ratio Lower Upper
 43 100
 58 42.4 35.0 52.6



#52
 Toluene
 Concen: 0.282 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion: 92 Resp: 2342
 Ion Ratio Lower Upper
 92 100
 91 178.8 136.4 204.6





#54

cis-1,3-Dichloropropene

Concen: 7.342 ug/l

RT: 9.87 min Scan# 2519

Delta R.T. 0.06 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

PB129197TB

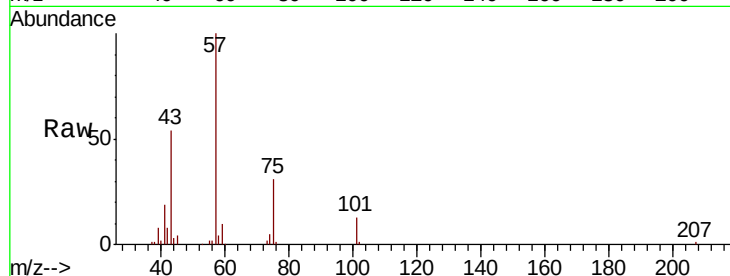
Tot Ion: 75 Resp: 38992

Ion Ratio Lower Upper

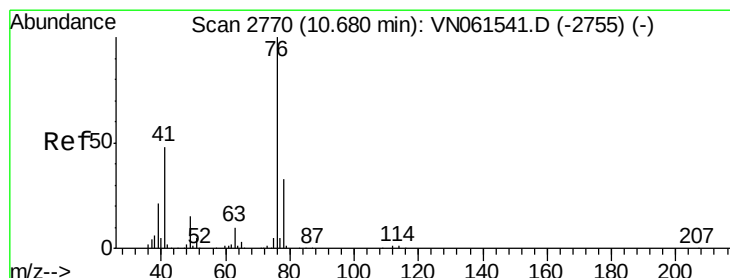
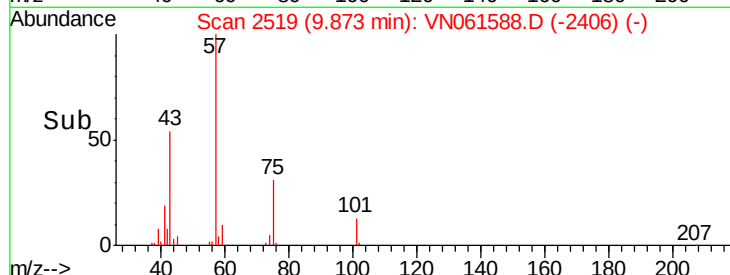
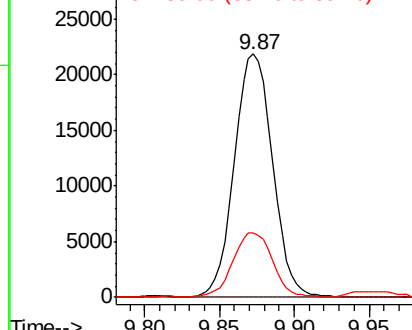
75 100

77 0.0 25.4 38.2#

39 26.2 33.8 50.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.243 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.06 min

Lab File: VN061588.D

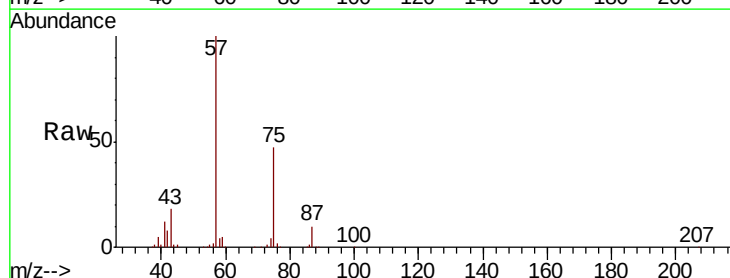
Acq: 1 Jun 2020 12:40

Tgt Ion: 76 Resp: 6572

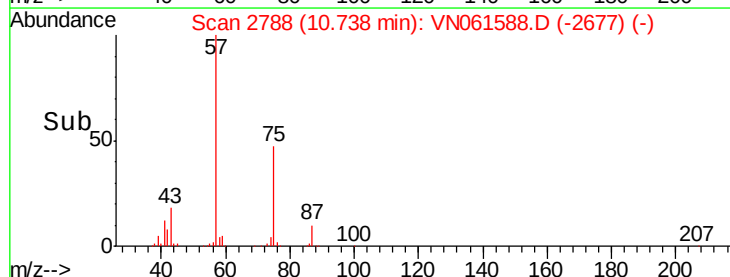
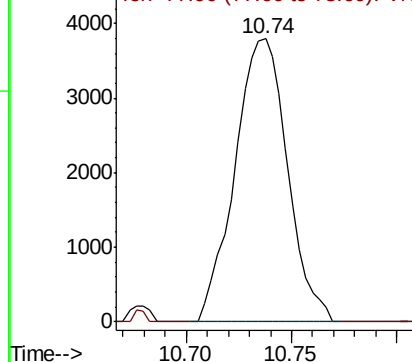
Ion Ratio Lower Upper

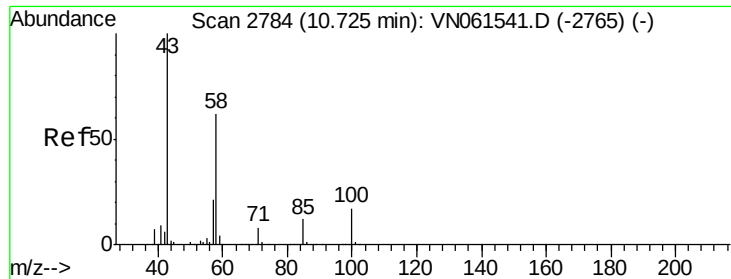
76 100

78 0.0 26.3 39.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 30.721 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.01 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

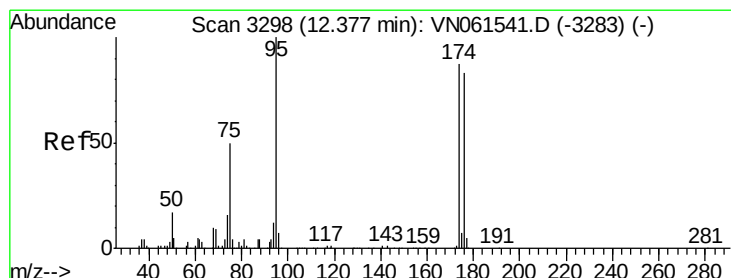
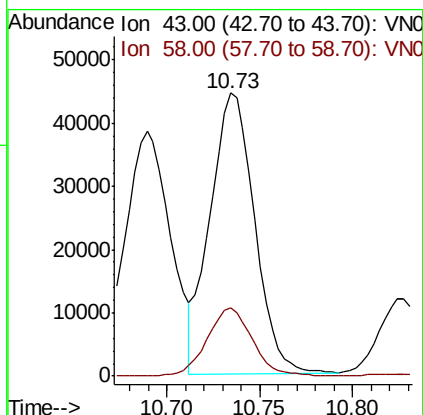
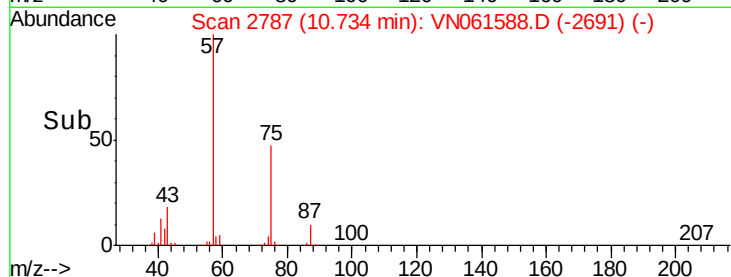
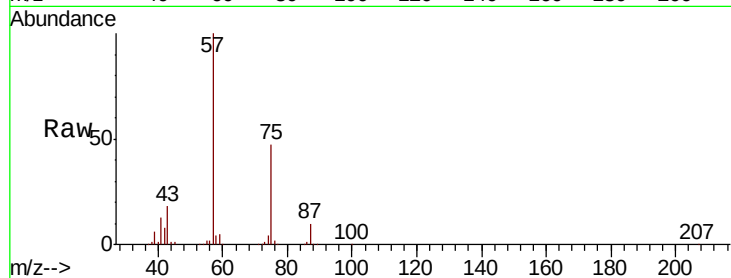
PB129197TB

Tot Ion: 43 Resp: 74206

Ion Ratio Lower Upper

43 100

58 24.6 30.7 92.1#



#62

4-Bromofluorobenzene

Concen: 50.525 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

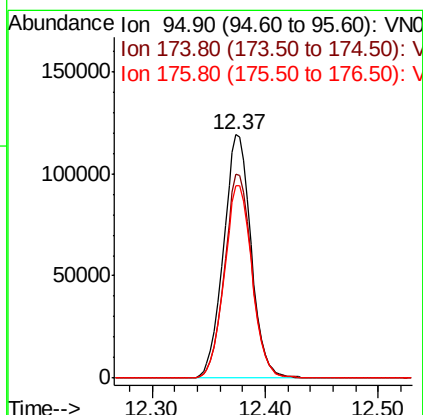
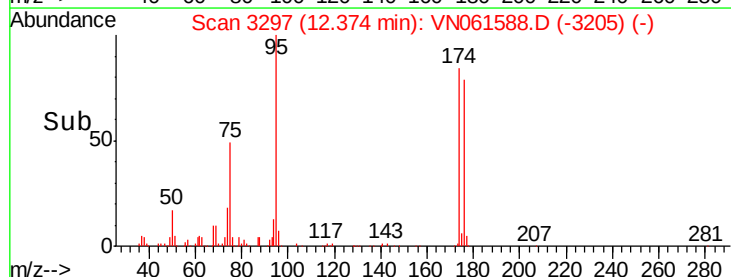
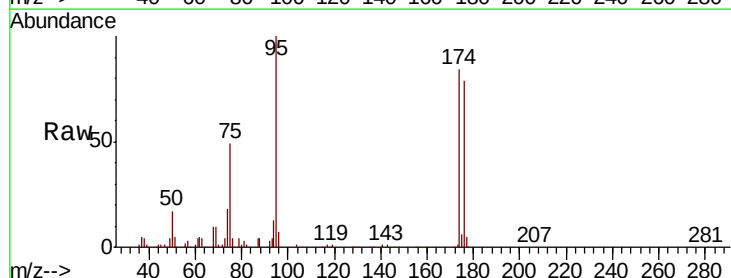
Tgt Ion: 95 Resp: 201613

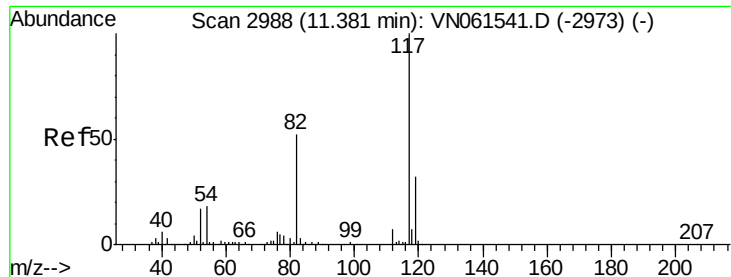
Ion Ratio Lower Upper

95 100

174 83.4 0.0 172.8

176 80.0 0.0 164.8

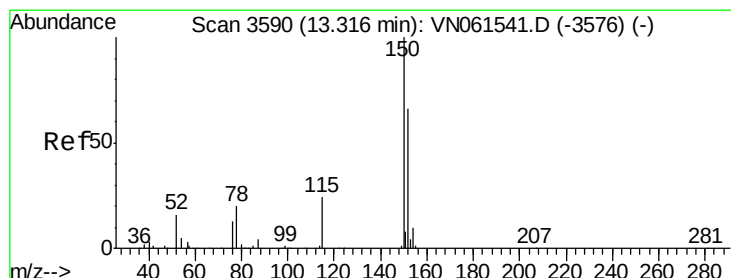
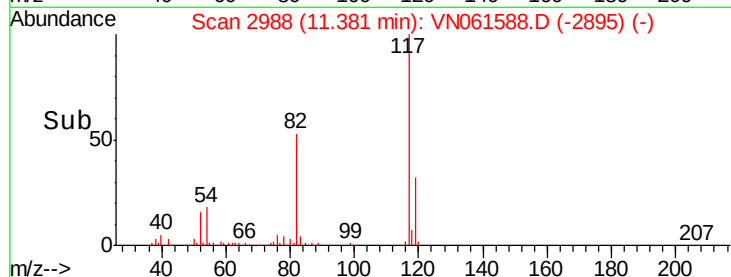
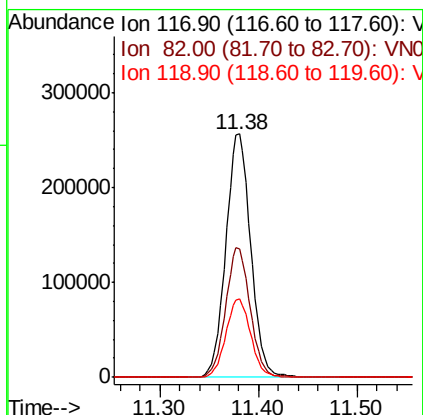
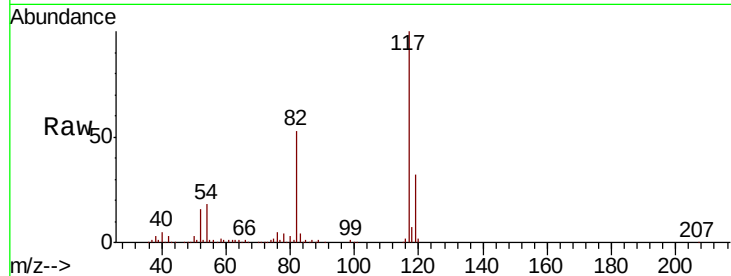




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

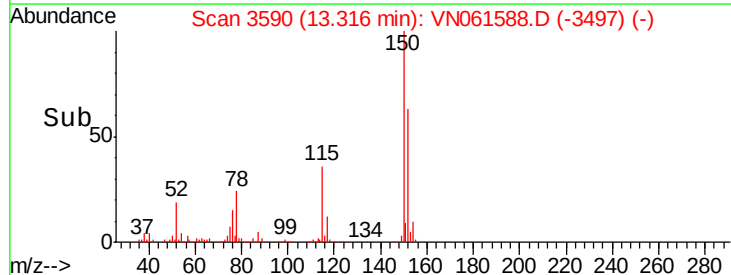
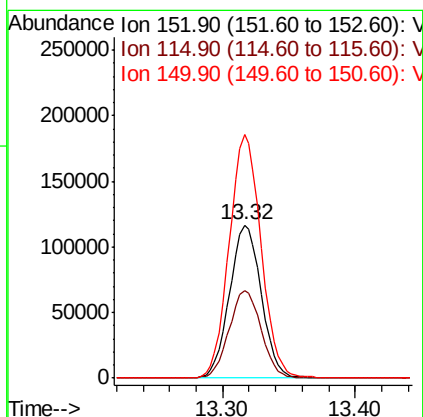
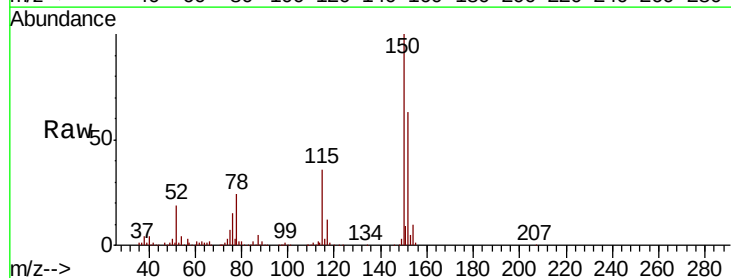
Instrument :
MSVOA_N
ClientSampleId :
PB129197TB

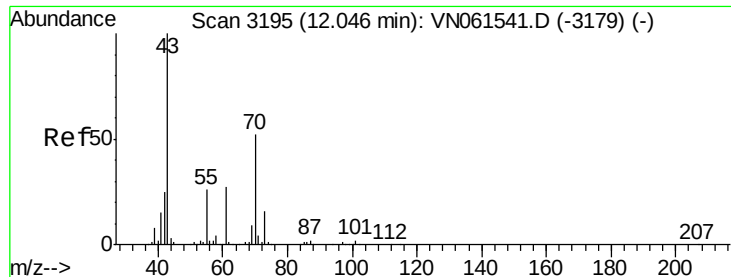
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.5	62.3
119	32.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.0	84.0
150	159.4	0.0	344.0





#74

N-amvl acetate

Concen: 0.826 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

PB129197TB

Tot Ion: 43 Resp: 3687

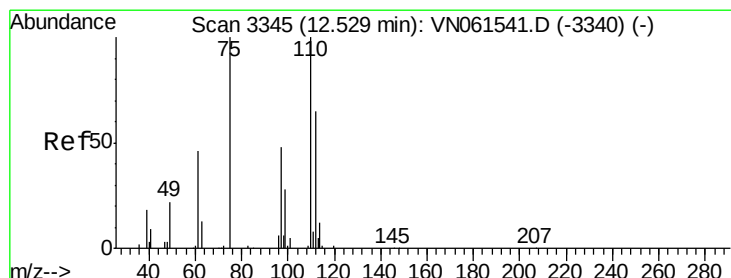
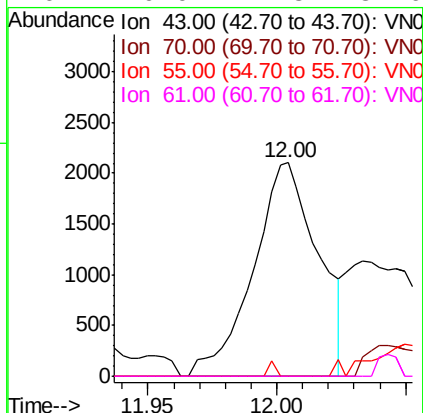
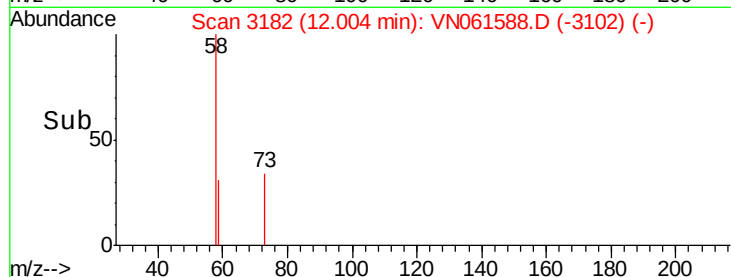
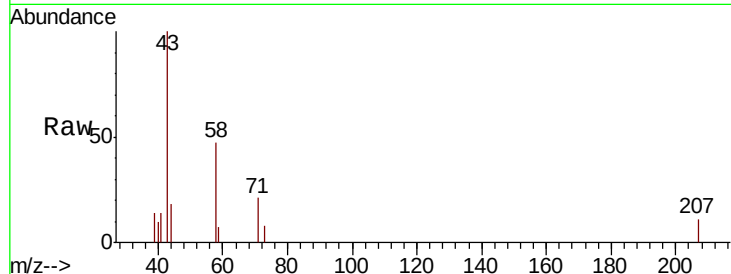
Ion Ratio Lower Upper

43 100

70 0.0 40.5 60.7#

55 0.0 20.6 31.0#

61 0.0 21.8 32.6#



#76

1,2,3-Trichloropropane

Concen: 28.321 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061588.D

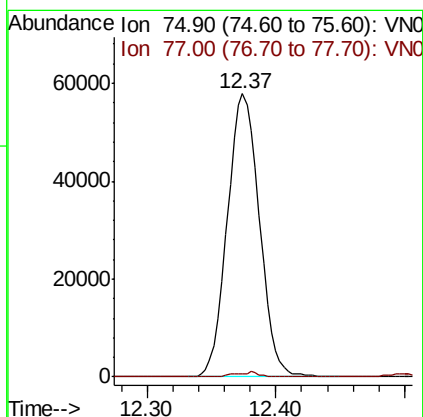
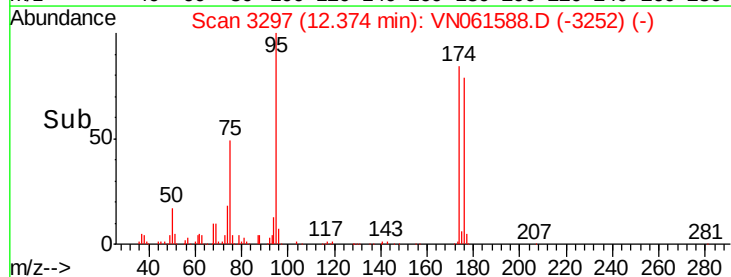
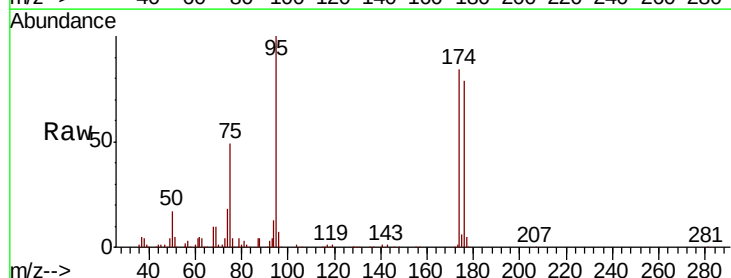
Acq: 1 Jun 2020 12:40

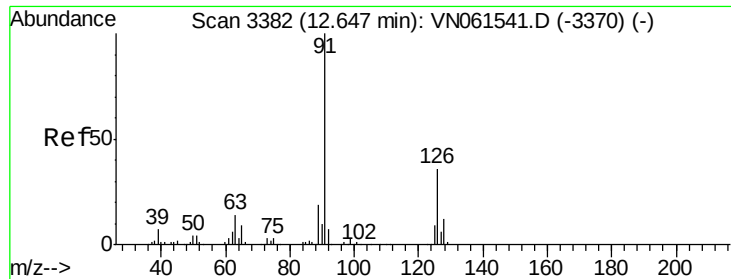
Tgt Ion: 75 Resp: 100046

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

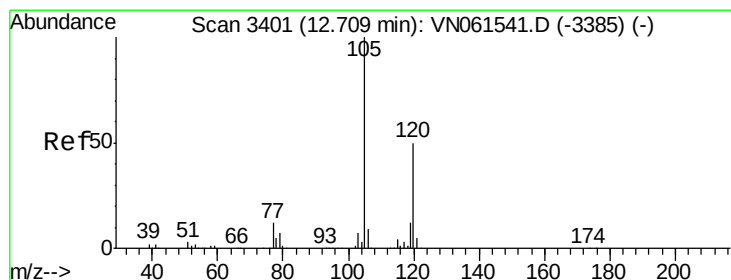
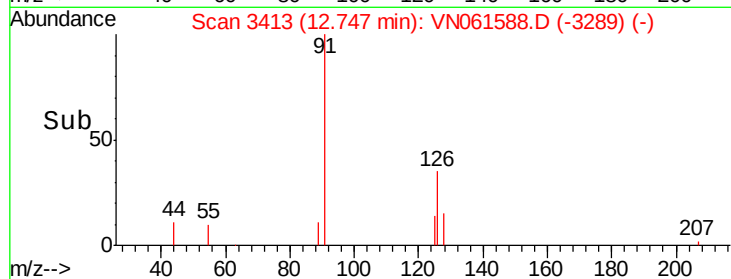
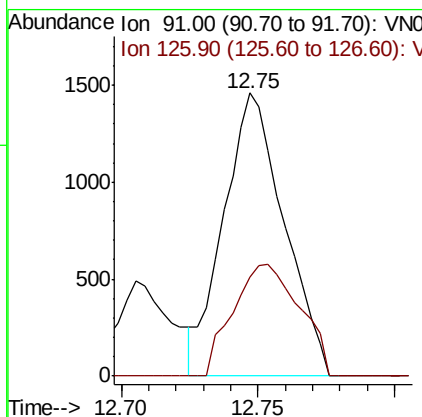
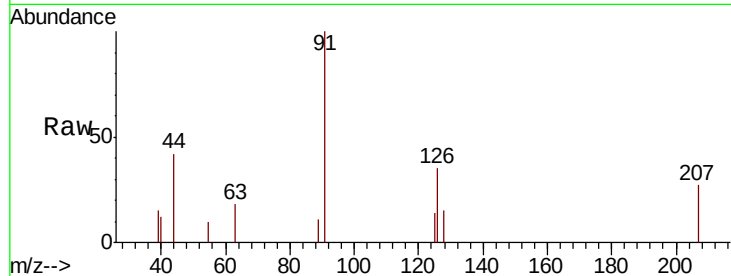




#79
 2-Chlorotoluene
 Concen: 0.238 ug/l
 RT: 12.75 min Scan# 3413
 Delta R.T. 0.10 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

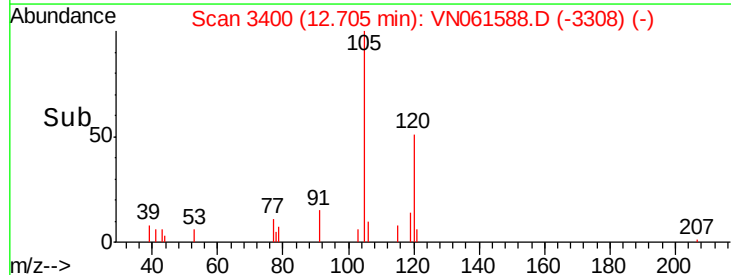
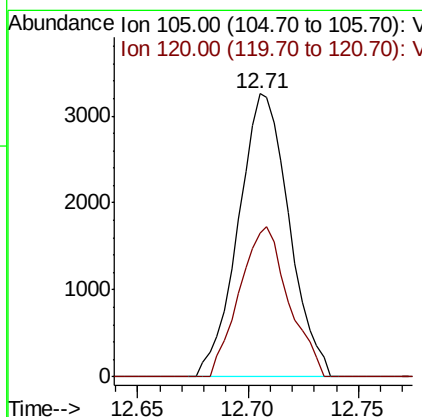
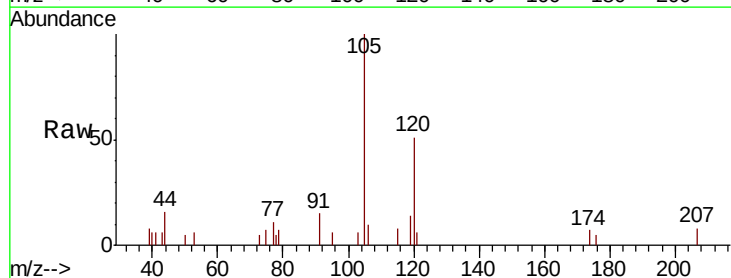
Instrument :
 MSVOA_N
 ClientSampled :
 PB129197TB

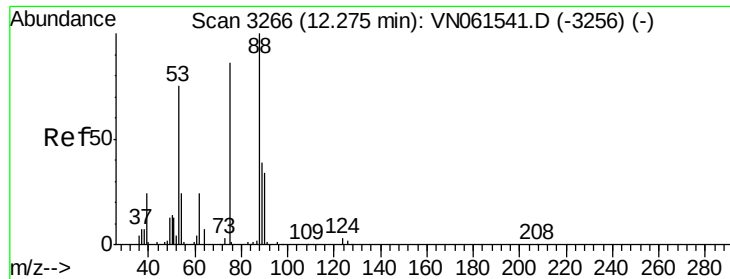
Tot Ion: 91 Resp: 2247
 Ion Ratio Lower Upper
 91 100
 126 43.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.440 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion: 105 Resp: 5213
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.1 75.2

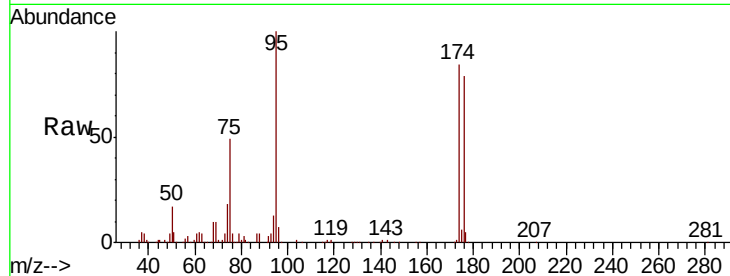




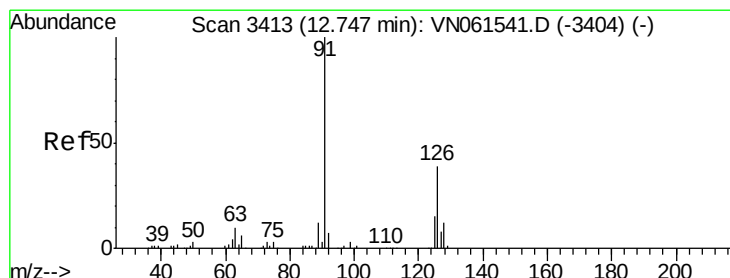
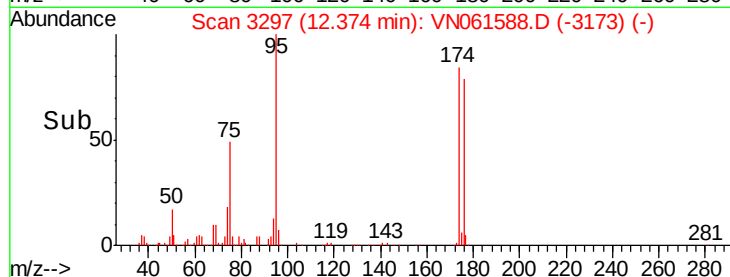
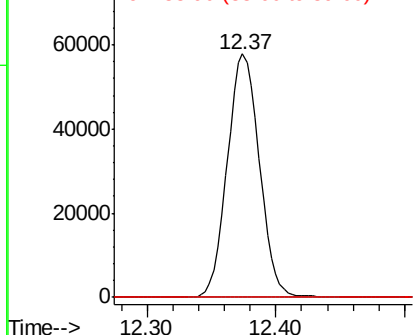
#81
trans-1,4-Dichloro-2-butene
Concen: 72.423 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
PB129197TB

Tot Ion: 75 Resp: 100046
Ion Ratio Lower Upper
75 100
53 0.0 67.8 101.8#
89 0.0 37.1 55.7#

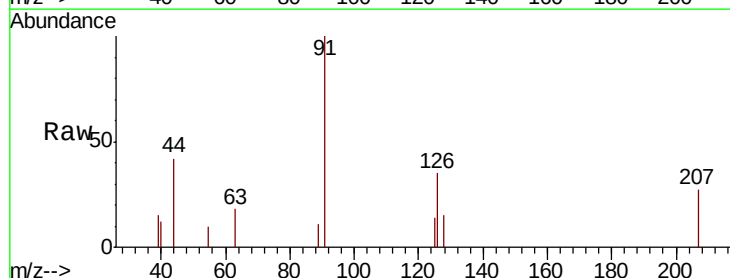


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

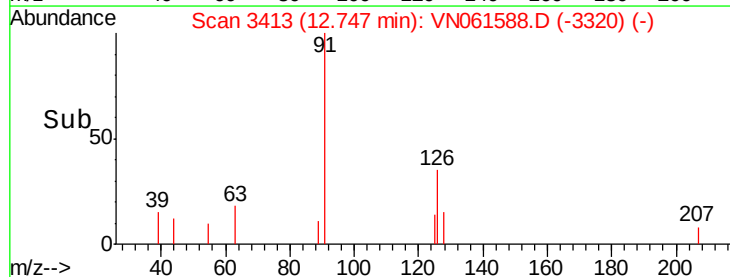
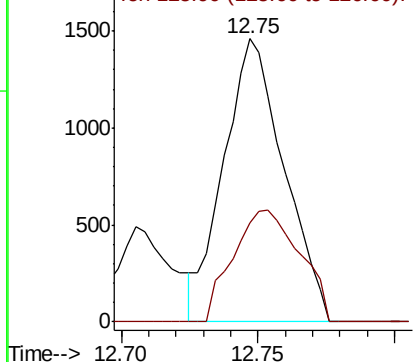


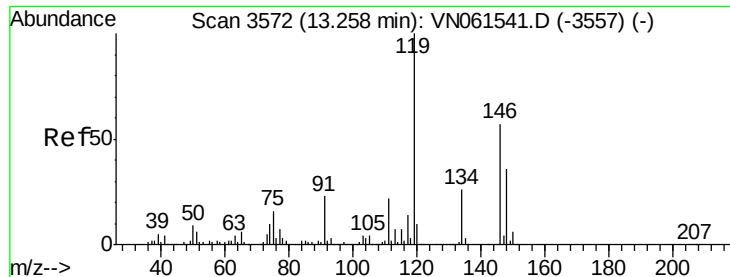
#82
4-Chlorotoluene
Concen: 0.226 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Tgt Ion: 91 Resp: 2247
Ion Ratio Lower Upper
91 100
126 43.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

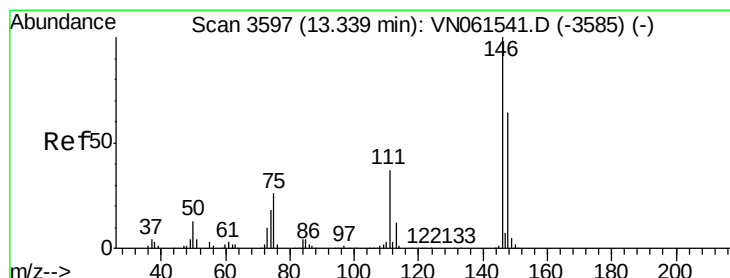
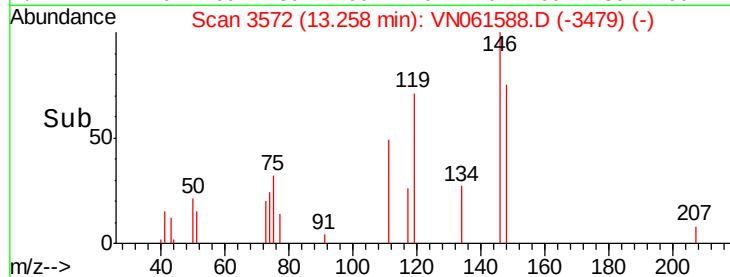
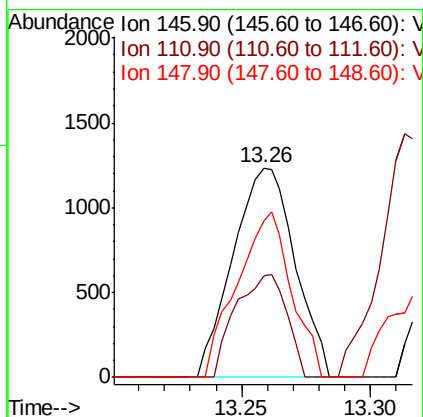
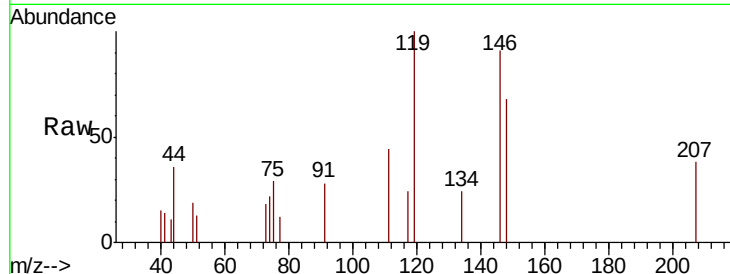




#87
 1,3-Dichlorobenzene
 Concen: 0.323 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

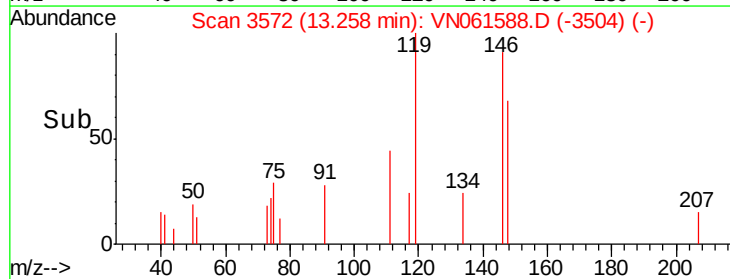
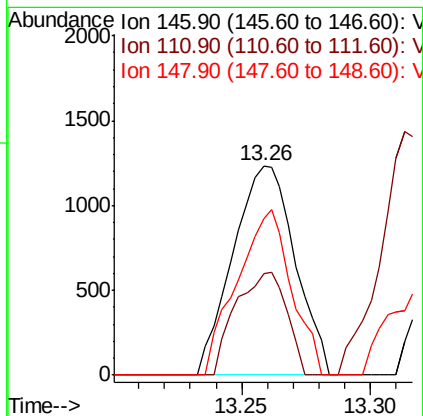
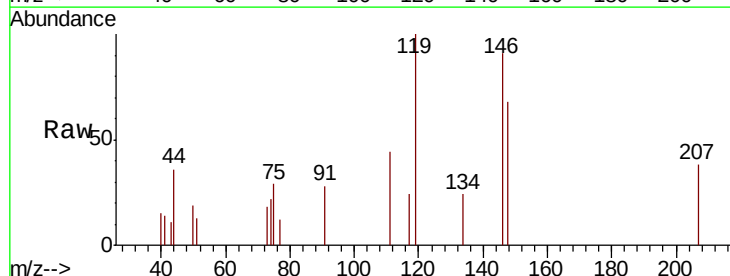
Instrument :
 MSVOA_N
 ClientSampled :
 PB129197TB

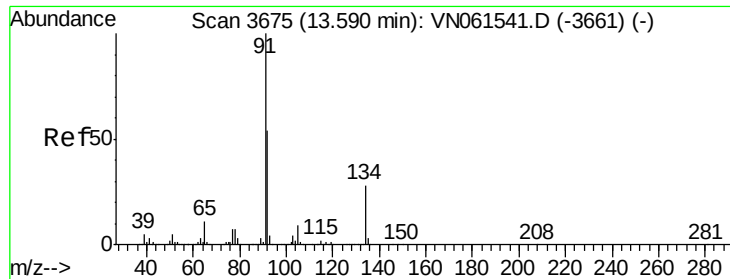
Tot Ion:146 Resp: 2069
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.2 57.6
 148 69.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.317 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion:146 Resp: 2069
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.9 56.9
 148 69.3 31.8 95.3

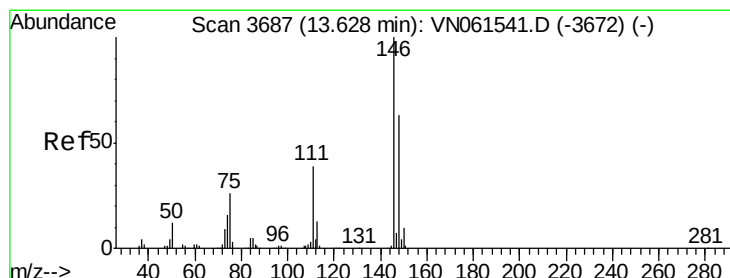
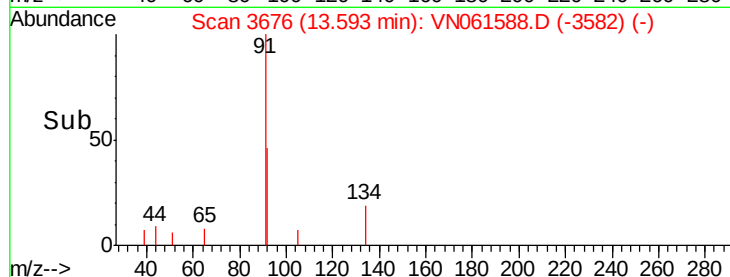
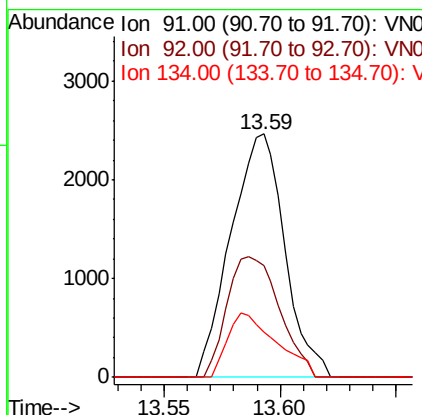
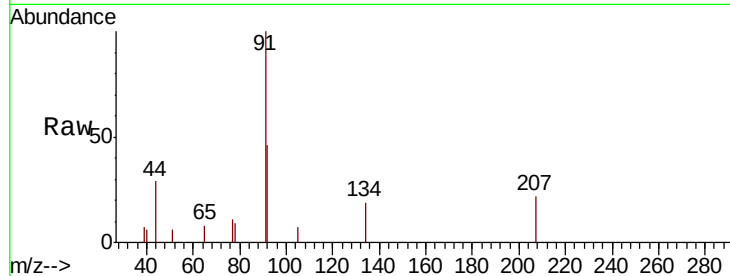




#89
n-Butylbenzene
Concen: 0.382 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

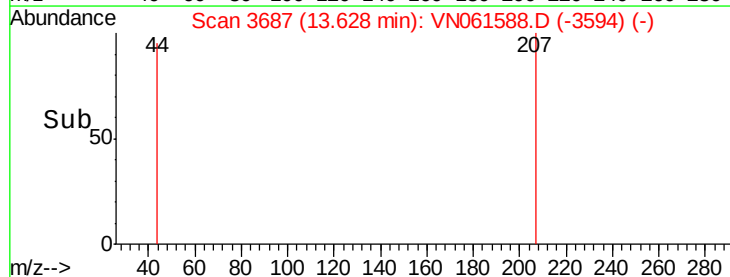
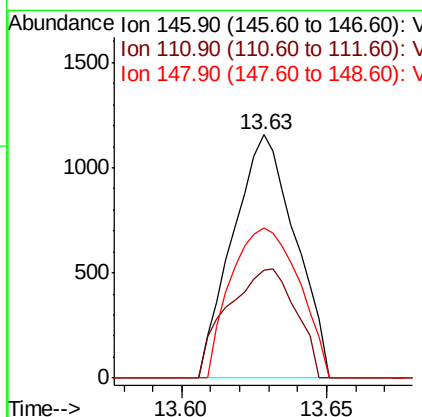
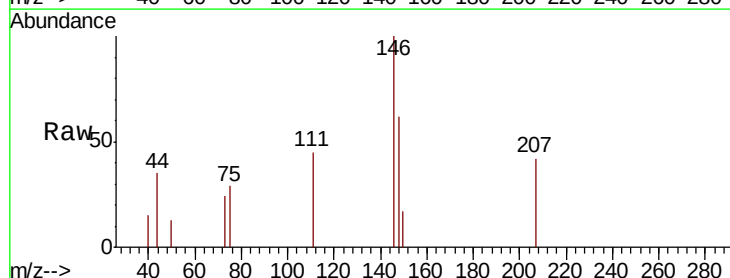
Instrument :
MSVOA_N
ClientSampled :
PB129197TB

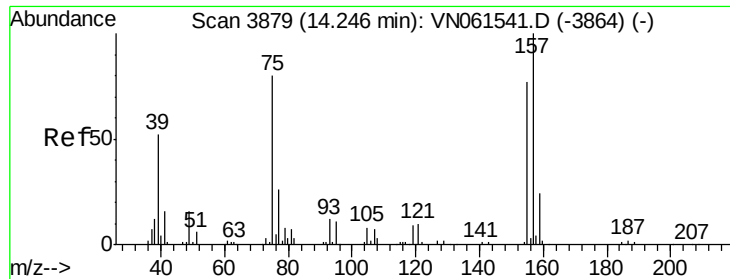
Tot Ion: 91 Resp: 3975
Ion Ratio Lower Upper
91 100
92 48.4 27.2 81.6
134 23.9 14.0 42.0



#91
1,2-Dichlorobenzene
Concen: 0.282 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Tgt Ion: 146 Resp: 1729
Ion Ratio Lower Upper
146 100
111 49.1 20.1 60.2
148 67.4 31.9 95.5

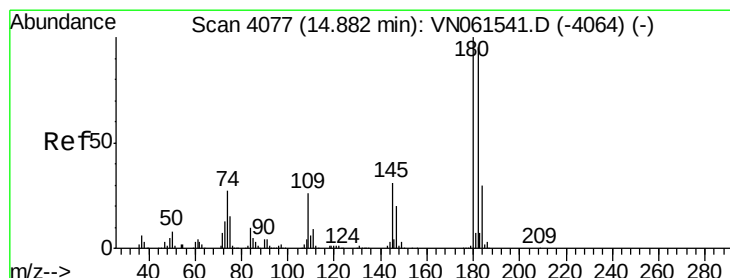
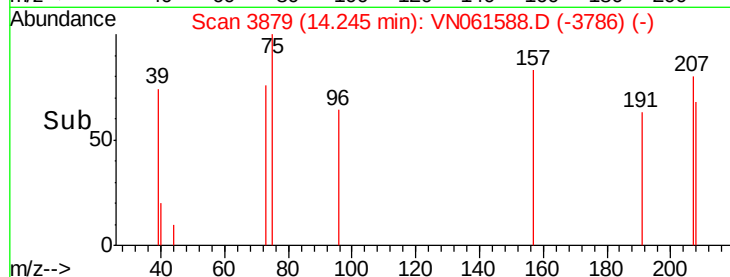
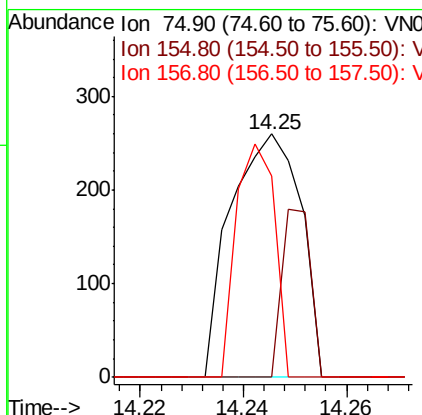
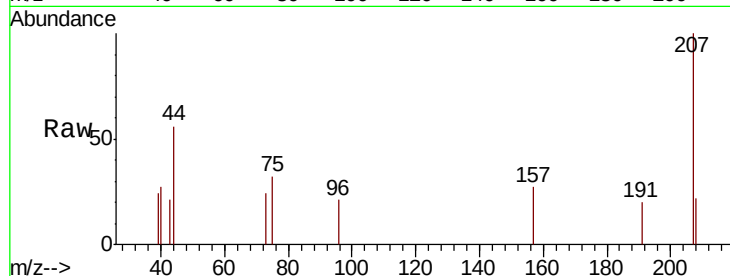




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.300 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

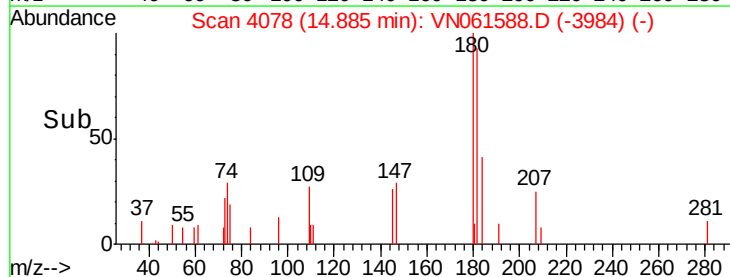
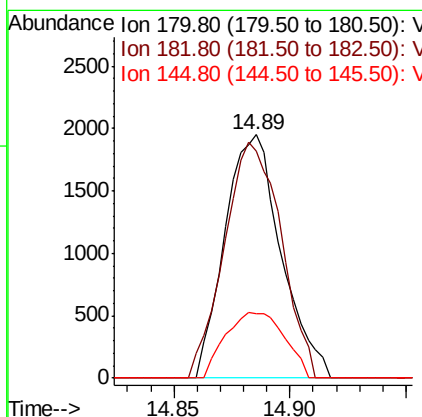
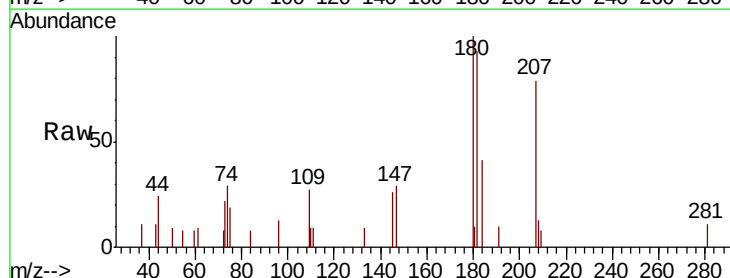
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

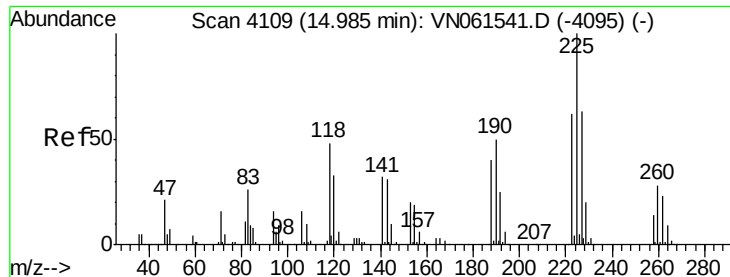
Tot Ion: 75 Resp: 243
 Ion Ratio Lower Upper
 75 100
 155 28.4 47.1 141.4#
 157 52.7 60.3 180.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.916 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion: 180 Resp: 3281
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.8 143.3
 145 28.1 15.5 46.5





#94

Hexachlorobutadiene

Concen: 0.596 ug/l

RT: 14.98 min Scan# 4109

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

PB129197TB

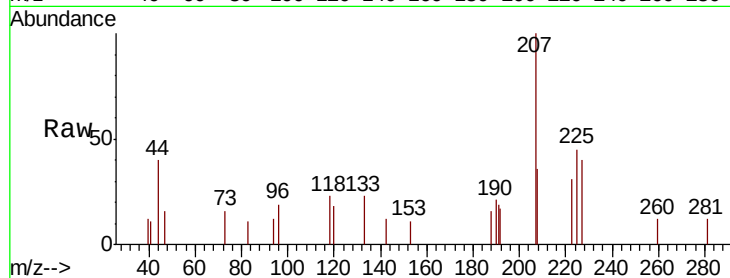
Tot Ion:225 Resp: 911

Ion Ratio Lower Upper

225 100

223 67.7 31.9 95.5

227 73.3 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

14.98

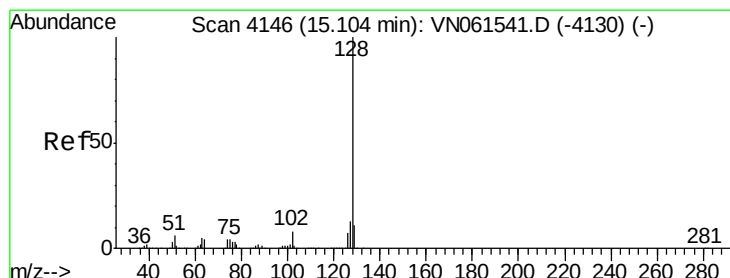
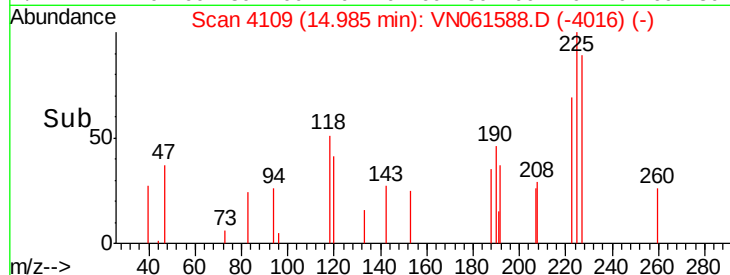
600

400

200

0

Time--> 14.95 15.00



#95

Naphthalene

Concen: 1.157 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

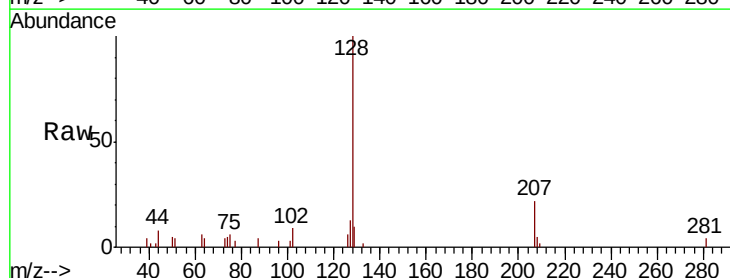
Tgt Ion:128 Resp: 12614

Ion Ratio Lower Upper

128 100

127 11.4 10.0 15.0

129 10.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.10

8000

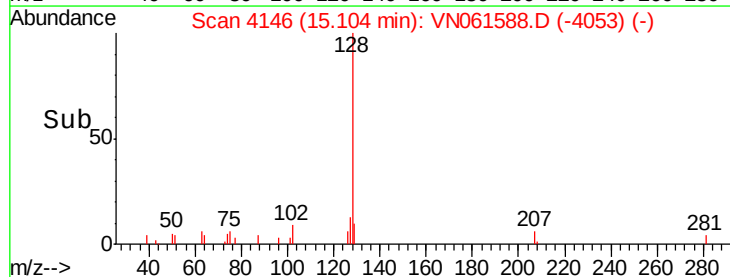
6000

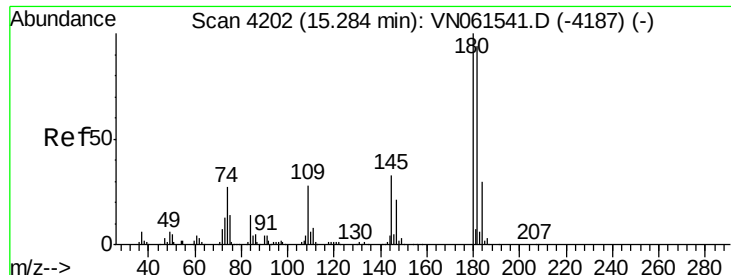
4000

2000

0

Time--> 15.05 15.10 15.15





#96
 1,2,3-Trichlorobenzene
 Concen: 1.081 ug/l
 RT: 15.28 min Scan# 4200
 Delta R.T. -0.01 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

Tot Ion:180 Resp: 3807
 Ion Ratio Lower Upper
 180 100
 182 88.8 47.1 141.3
 145 34.0 16.3 48.9

