

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073161.D
 Acq On : 27 Jun 2022 14:49
 Operator : JC\MD
 Sample : N3494-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-5-GR

Quant Time: Jun 28 06:37:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	300430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	490889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	451306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	207612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184277	45.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.740%
35) Dibromofluoromethane	7.951	113	153642	50.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	10.380	98	512861	45.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.668	95	217825	53.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.300%

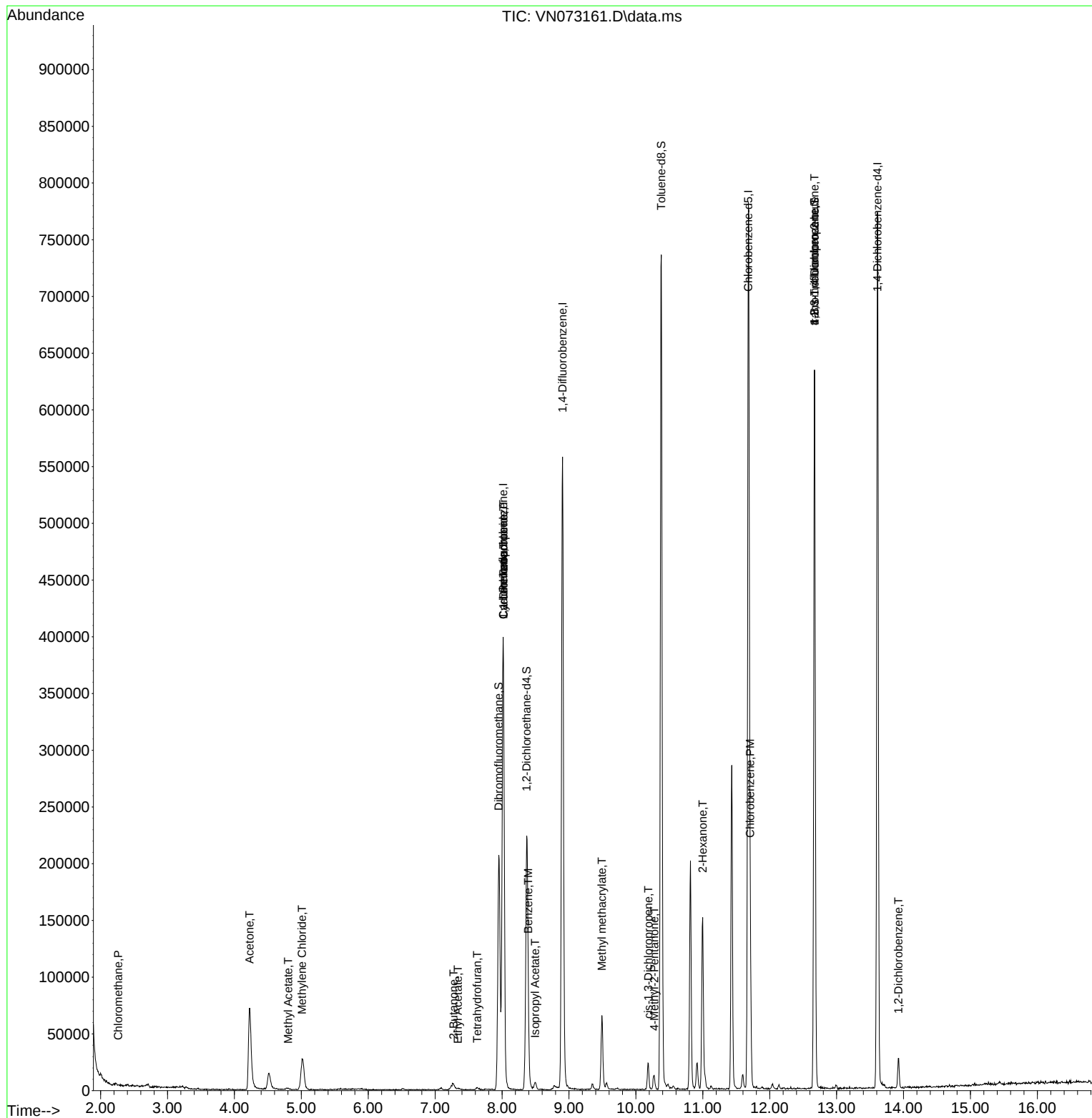
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	427	0.707	ug/l #	43
16) Acetone	4.228	43	135958	60.894	ug/l	92
18) Methyl Acetate	4.804	43	3293	0.554	ug/l #	57
20) Methylene Chloride	5.010	84	22923	6.408	ug/l	91
25) 2-Butanone	7.274	43	8267	2.333	ug/l #	75
29) Tetrahydrofuran	7.627	42	1854	0.792	ug/l #	54
31) Cyclohexane	8.021	56	6950	1.265	ug/l #	32
36) 1,1-Dichloropropene	8.021	75	24951	6.077	ug/l #	48
37) Ethyl Acetate	7.339	43	3021	0.460	ug/l #	72
38) Carbon Tetrachloride	8.021	117	30781	7.128	ug/l #	16
40) Benzene	8.392	78	14365	1.113	ug/l	100
43) Isopropyl Acetate	8.492	43	7678	0.818	ug/l #	84
48) Methyl methacrylate	9.492	41	5361	1.251	ug/l #	37
51) 4-Methyl-2-Pentanone	10.274	43	11136	1.819	ug/l #	85
54) cis-1,3-Dichloropropene	10.186	75	3447	0.662	ug/l #	76
59) 2-Hexanone	10.998	43	127282	26.884	ug/l #	21
65) Chlorobenzene	11.709	112	64181	7.282	ug/l	97
76) 1,2,3-Trichloropropane	12.668	75	114672	22.782	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	114672	61.525	ug/l #	10
91) 1,2-Dichlorobenzene	13.921	146	10519	1.468	ug/l	99

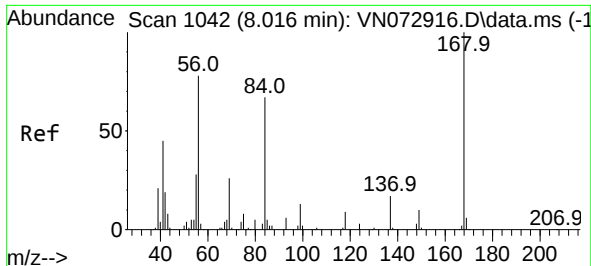
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
Data File : VN073161.D
Acq On : 27 Jun 2022 14:49
Operator : JC\MD
Sample : N3494-15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

Quant Time: Jun 28 06:37:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

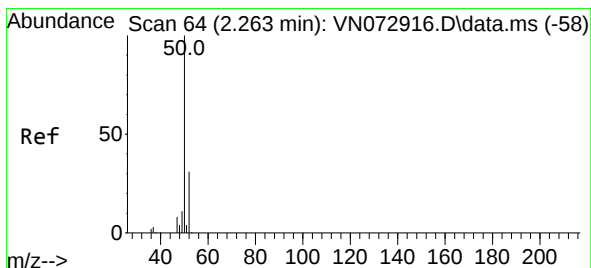
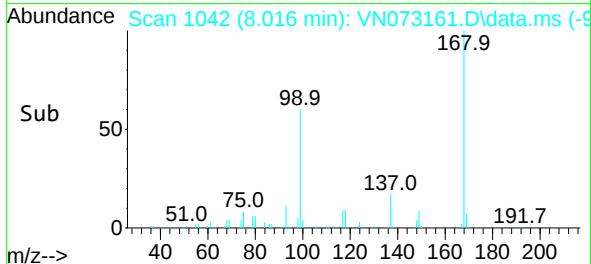
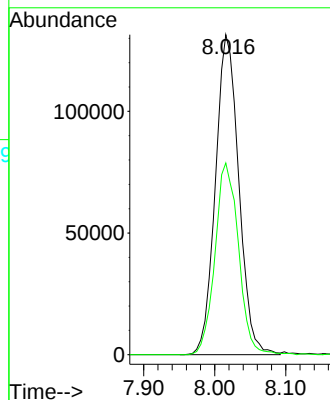
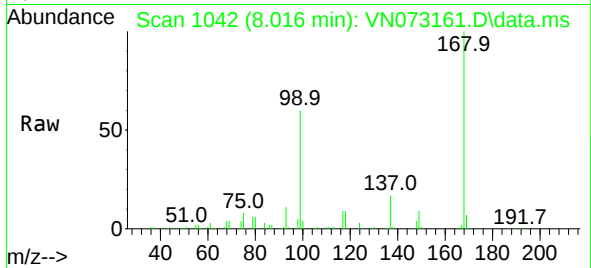




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

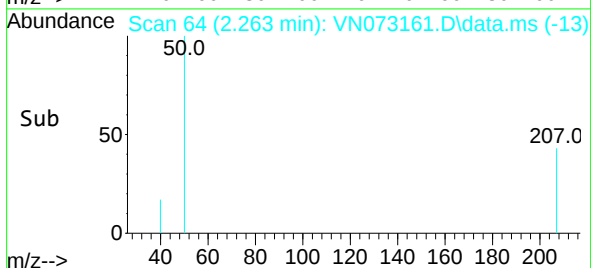
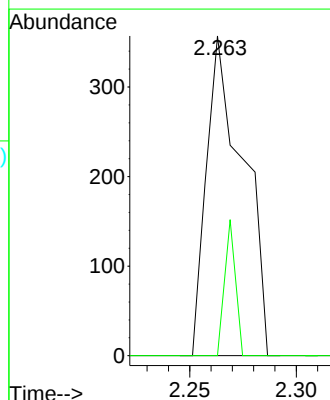
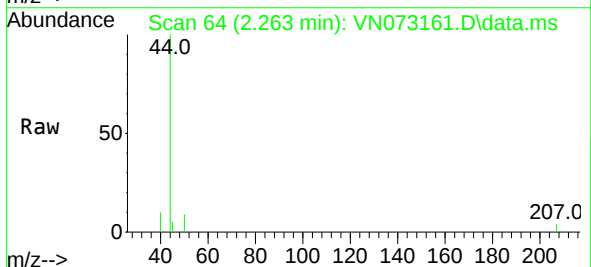
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

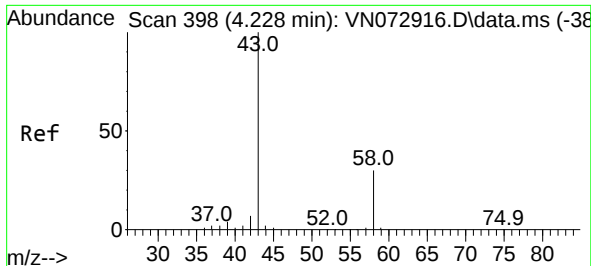
Tgt Ion:168 Resp: 300430
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#3
Chloromethane
Concen: 0.707 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion: 50 Resp: 427
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5

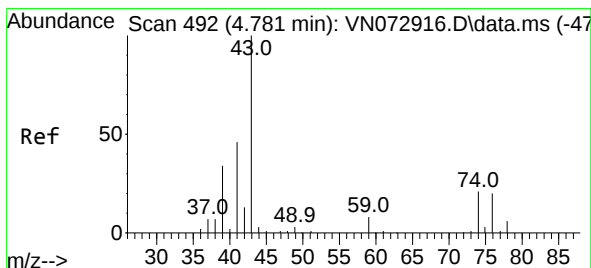
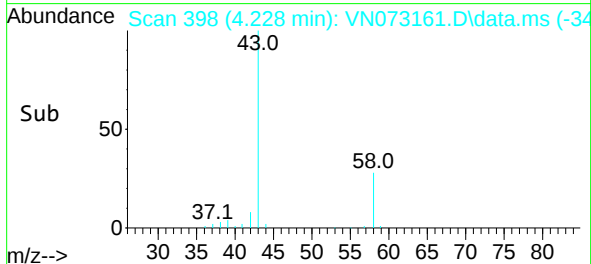
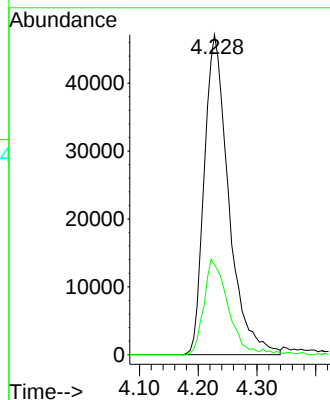
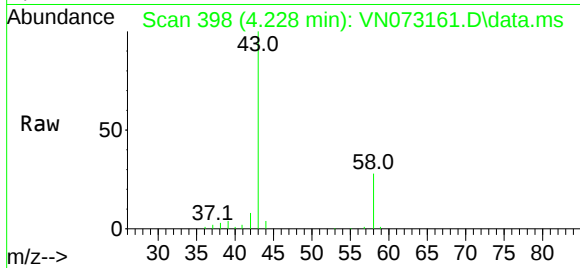




#16
Acetone
Concen: 60.894 ug/l
RT: 4.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

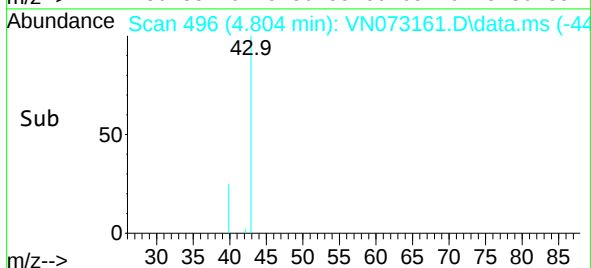
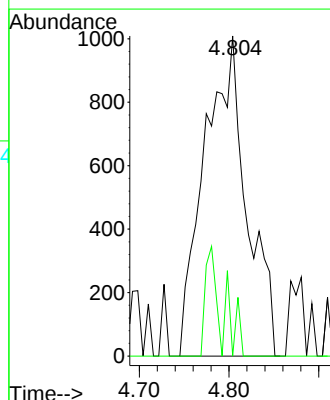
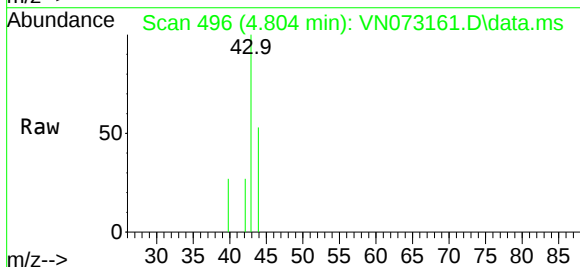
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

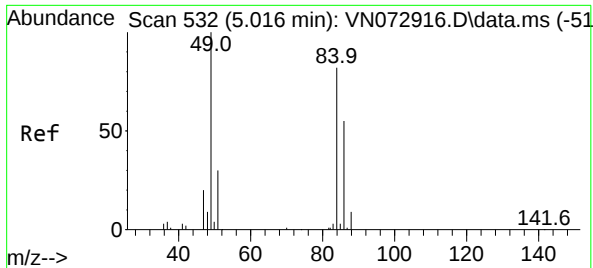
Tgt Ion: 43 Resp: 135958
Ion Ratio Lower Upper
43 100
58 28.2 26.0 39.0



#18
Methyl Acetate
Concen: 0.554 ug/l
RT: 4.804 min Scan# 496
Delta R.T. 0.023 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

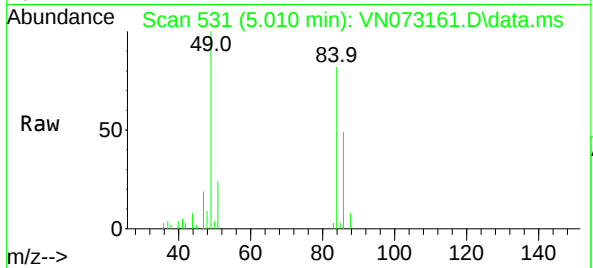
Tgt Ion: 43 Resp: 3293
Ion Ratio Lower Upper
43 100
74 4.9 21.6 32.4#



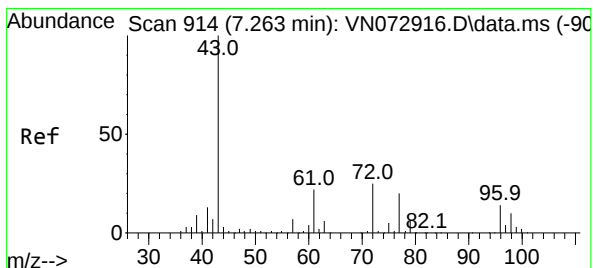
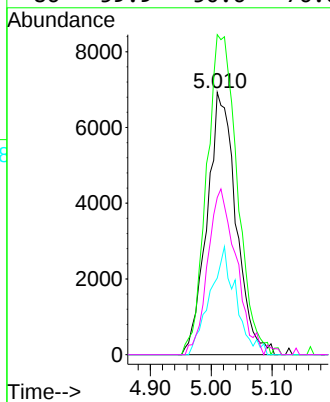
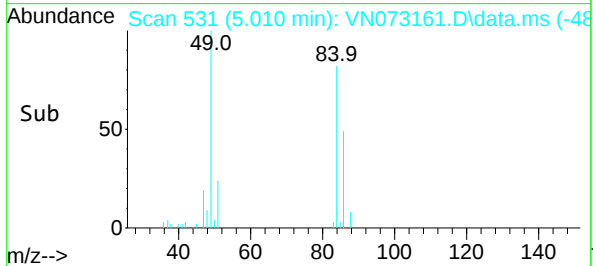


#20
Methylene Chloride
Concen: 6.408 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

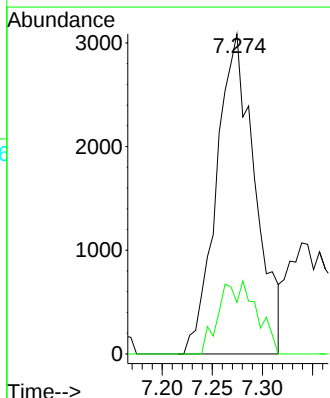
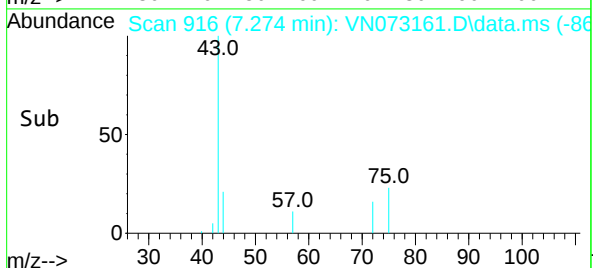
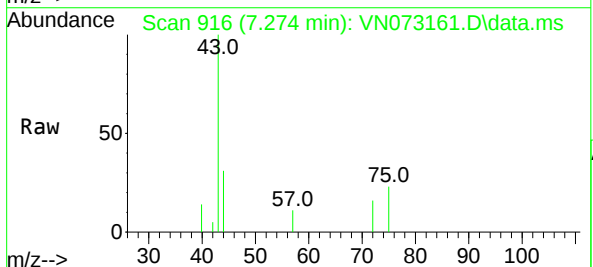


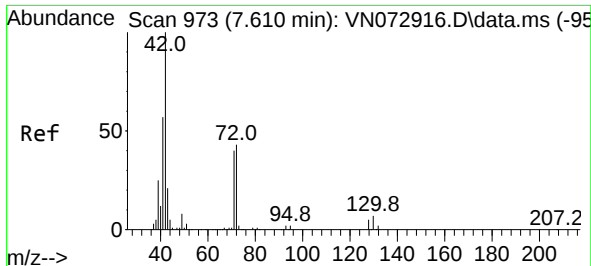
Tgt Ion:	84	Resp:	22923
Ion	Ratio	Lower	Upper
84	100		
49	122.1	88.3	132.5
51	29.2	28.2	42.2
86	59.9	50.6	76.0



#25
2-Butanone
Concen: 2.333 ug/l
RT: 7.274 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion:	43	Resp:	8267
Ion	Ratio	Lower	Upper
43	100		
72	16.1	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.792 ug/l

RT: 7.627 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN073161.D

Acq: 27 Jun 2022 14:49

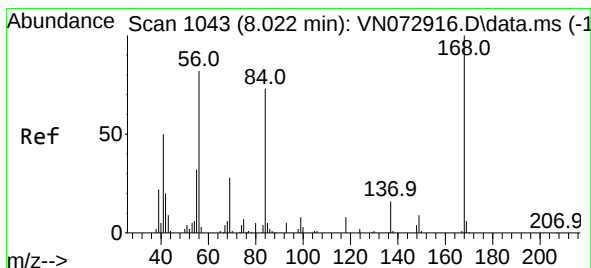
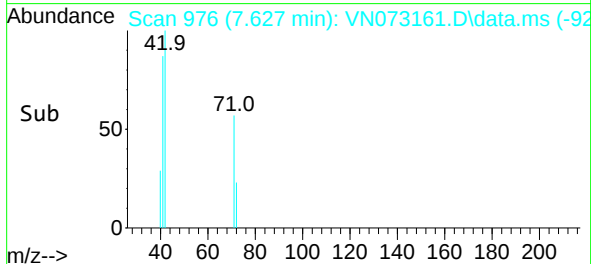
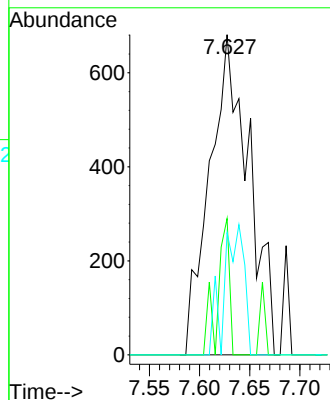
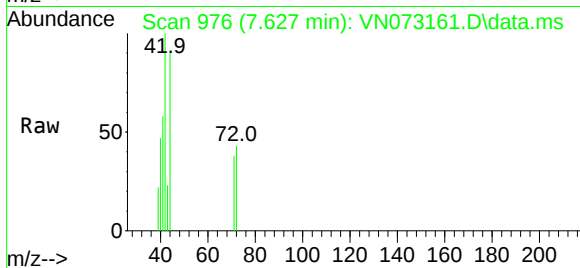
Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-5-GR

Tgt Ion:	42	Resp:	1854
Ion	Ratio	Lower	Upper
42	100		
72	12.8	39.7	59.5#
71	20.8	36.6	55.0#



#31

Cyclohexane

Concen: 1.265 ug/l

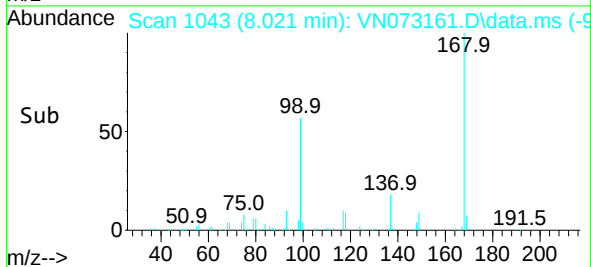
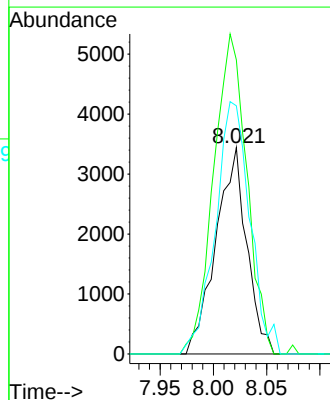
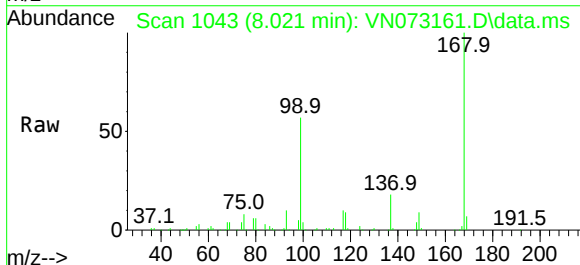
RT: 8.021 min Scan# 1043

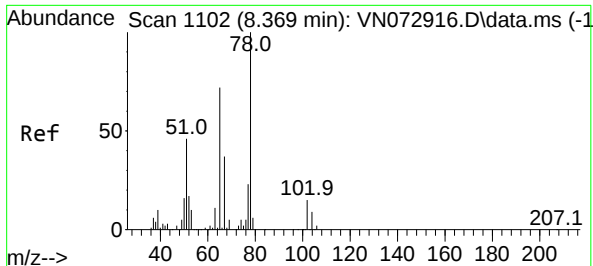
Delta R.T. -0.000 min

Lab File: VN073161.D

Acq: 27 Jun 2022 14:49

Tgt Ion:	56	Resp:	6950
Ion	Ratio	Lower	Upper
56	100		
69	142.5	27.8	41.8#
84	120.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 45.369 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073161.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

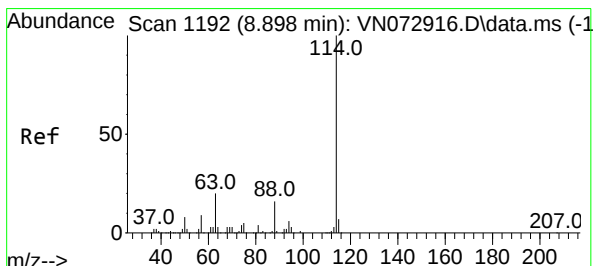
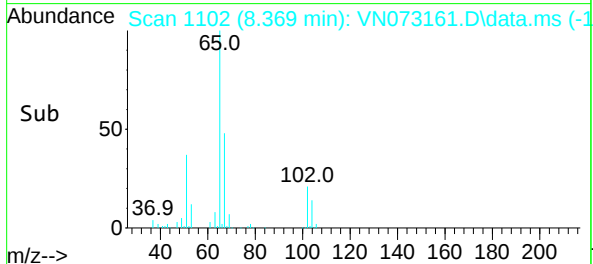
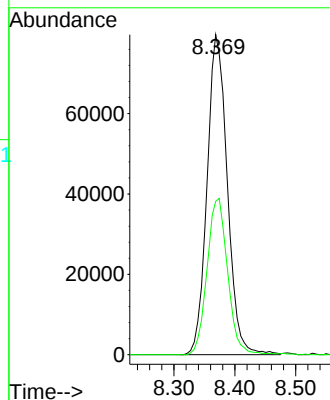
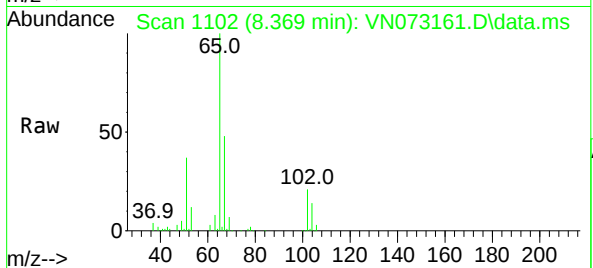
SP-EXC-1-5-GR

Tgt Ion: 65 Resp: 184277

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073161.D

Acq: 27 Jun 2022 14:49

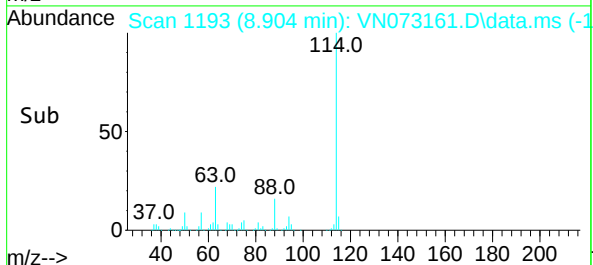
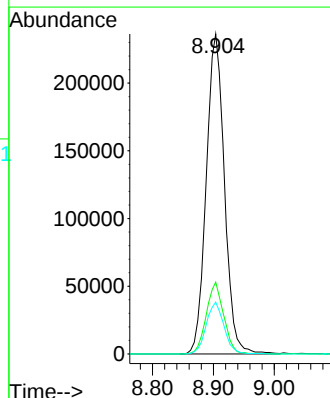
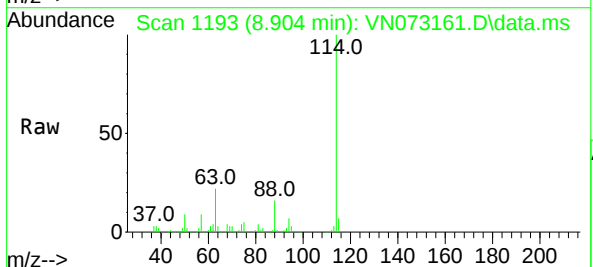
Tgt Ion: 114 Resp: 490889

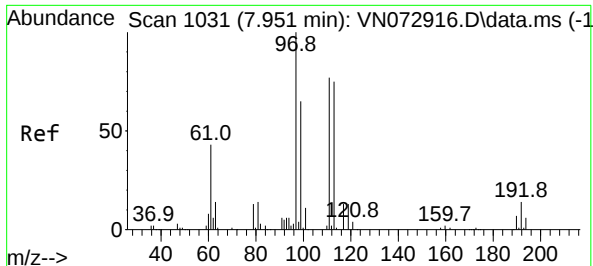
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.638 ug/l

RT: 7.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073161.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-5-GR

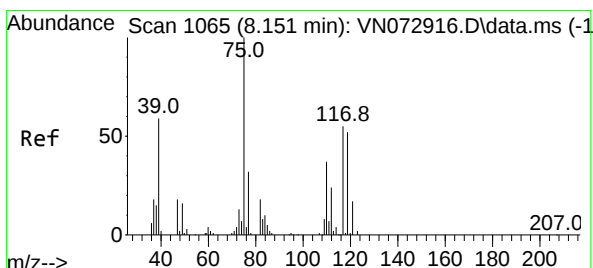
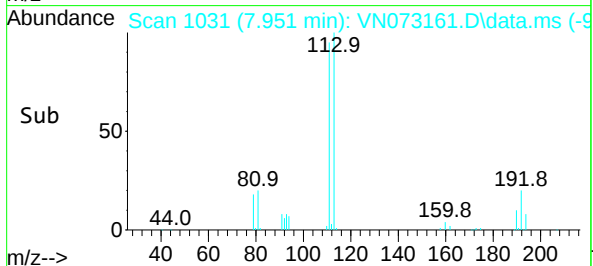
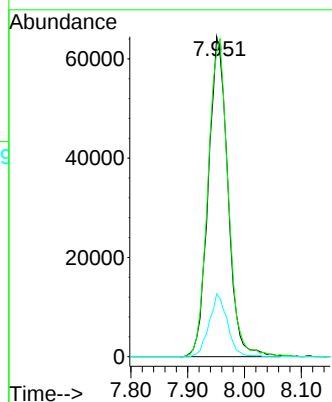
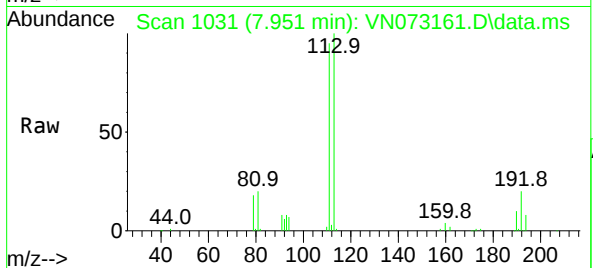
Tgt Ion:113 Resp: 153642

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.077 ug/l

RT: 8.021 min Scan# 1043

Delta R.T. -0.130 min

Lab File: VN073161.D

Acq: 27 Jun 2022 14:49

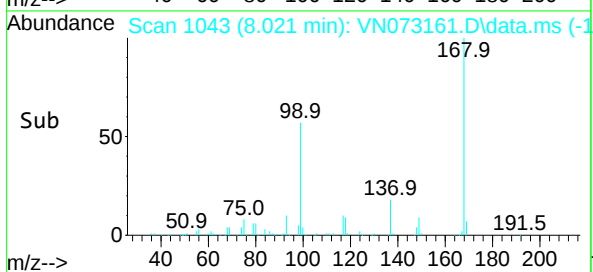
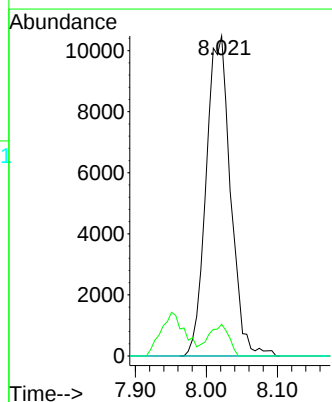
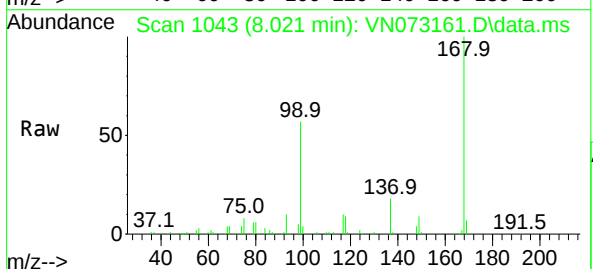
Tgt Ion: 75 Resp: 24951

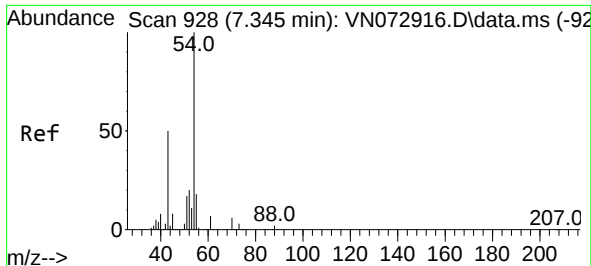
Ion Ratio Lower Upper

75 100

110 7.9 18.3 54.8#

77 0.0 25.1 37.7#

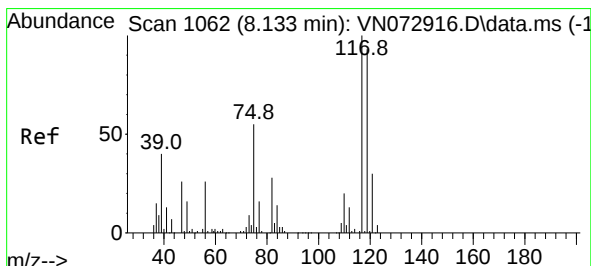
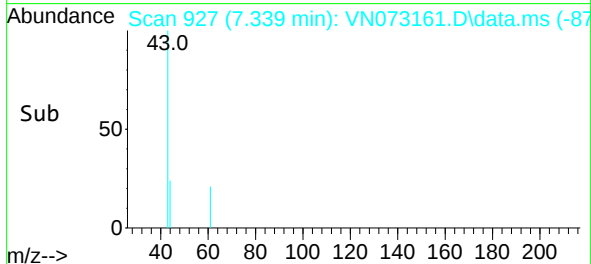
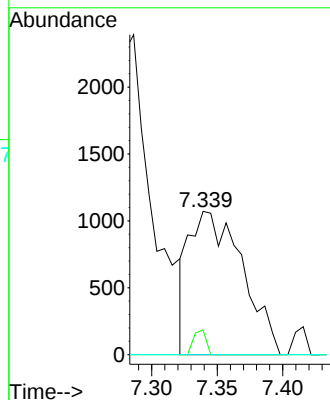
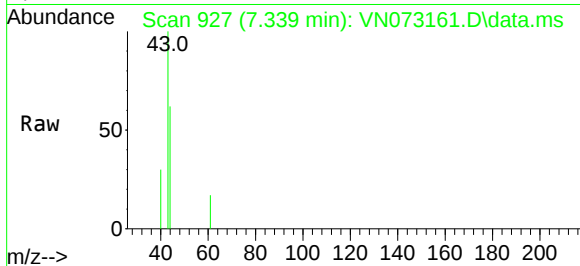




#37
Ethyl Acetate
Concen: 0.460 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

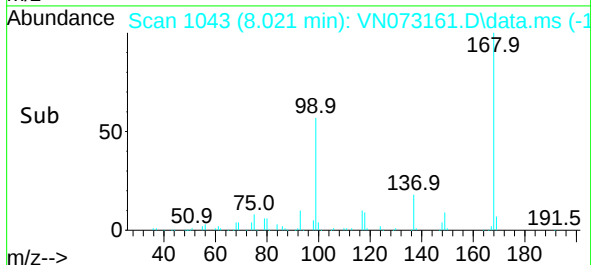
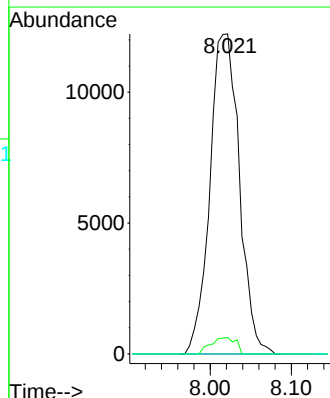
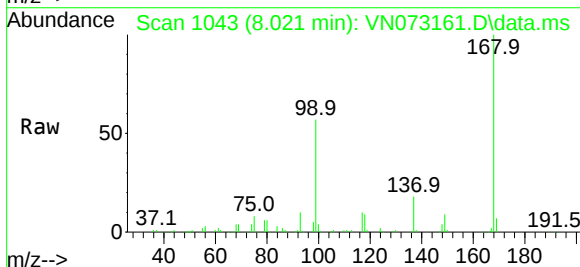
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

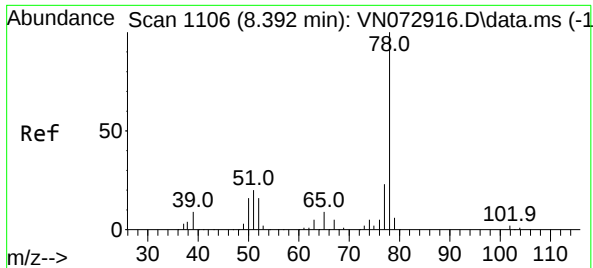
Tgt Ion: 43 Resp: 3021
Ion Ratio Lower Upper
43 100
61 4.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 7.128 ug/l
RT: 8.021 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion: 117 Resp: 30781
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#

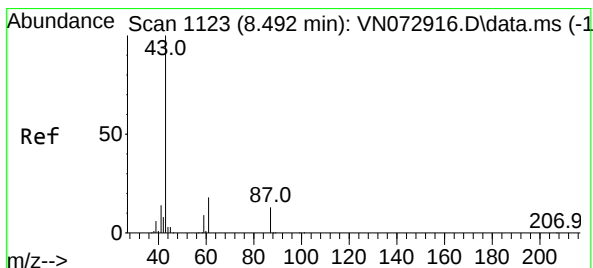
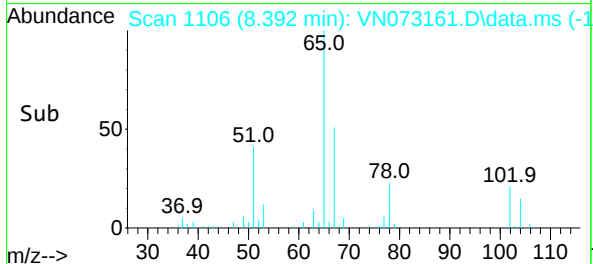
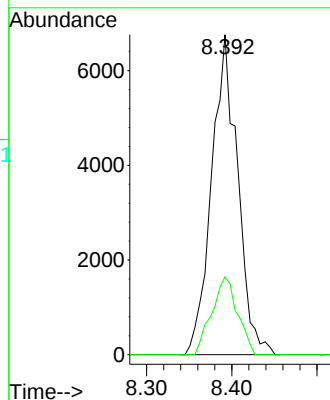
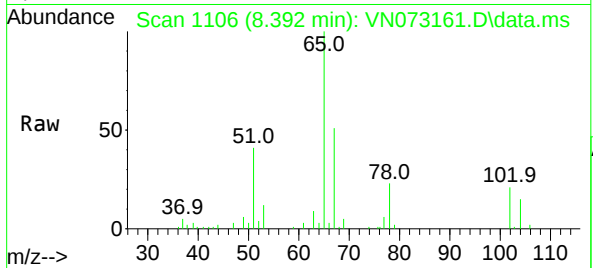




#40
Benzene
Concen: 1.113 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

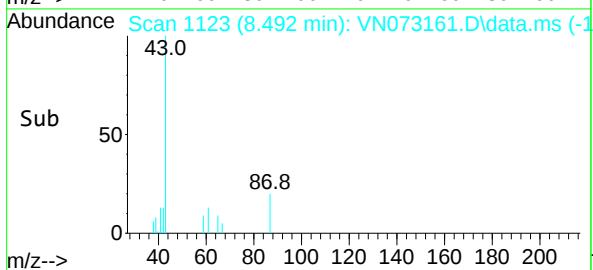
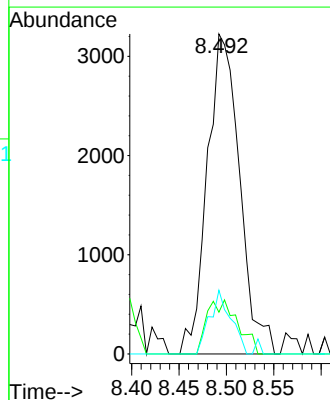
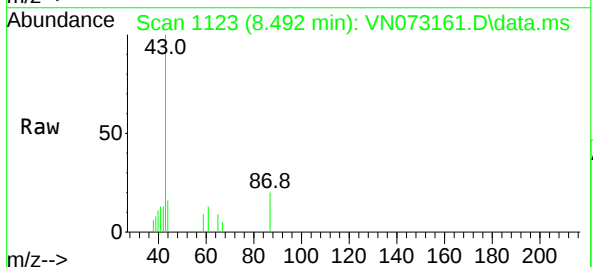
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

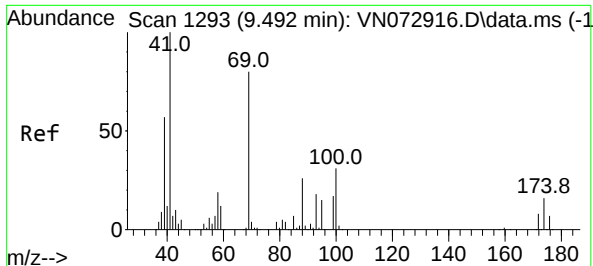
Tgt Ion: 78 Resp: 14365
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



#43
Isopropyl Acetate
Concen: 0.818 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion: 43 Resp: 7678
Ion Ratio Lower Upper
43 100
61 16.1 21.9 32.9#
87 13.0 12.0 18.0

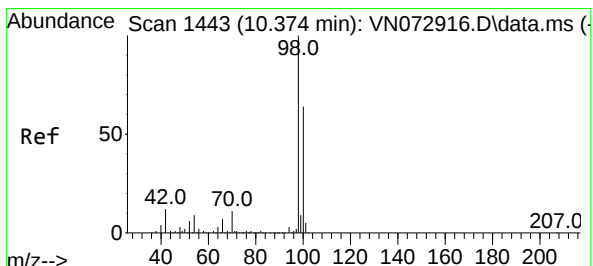
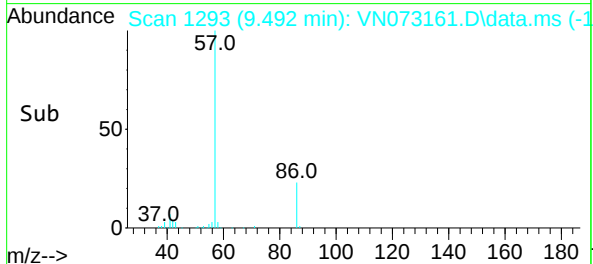
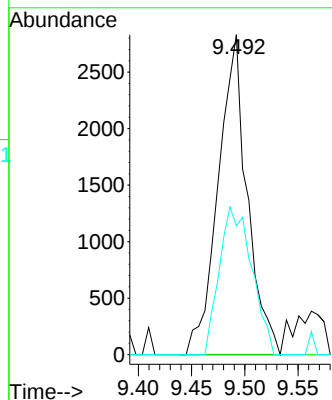
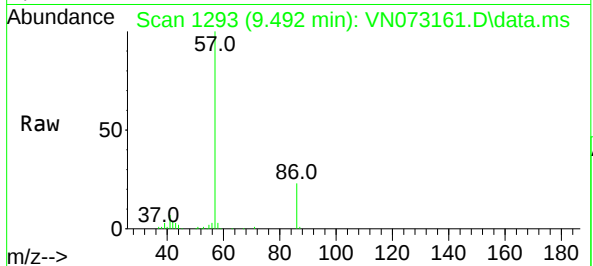




#48
Methyl methacrylate
Concen: 1.251 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

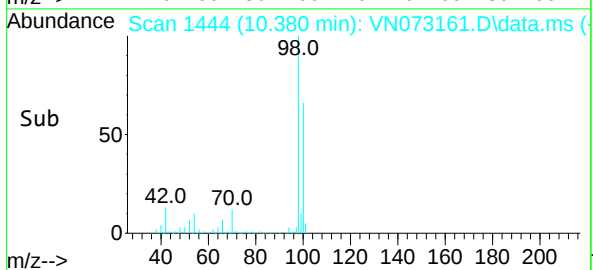
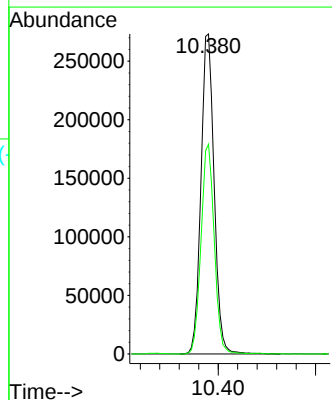
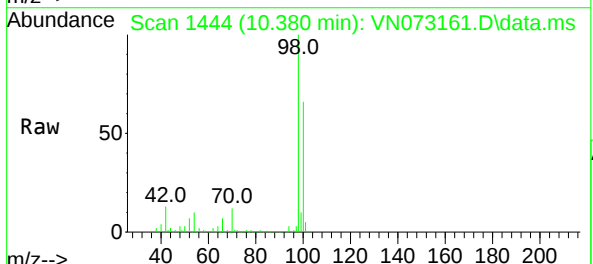
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

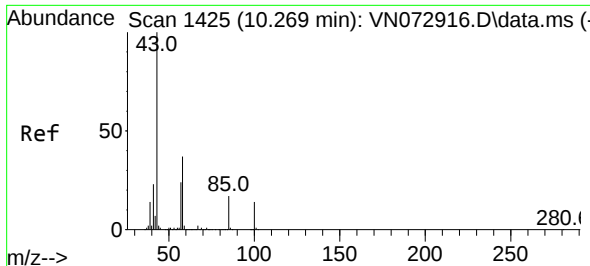
Tgt Ion: 41 Resp: 5361
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 51.6 45.6 68.4



#50
Toluene-d8
Concen: 45.426 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion: 98 Resp: 512861
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

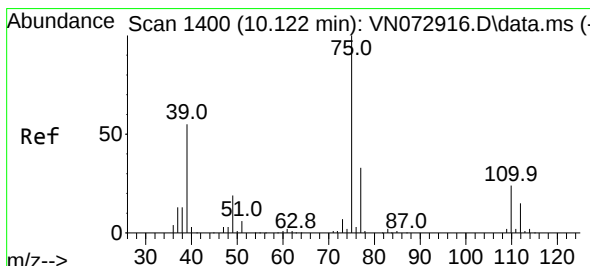
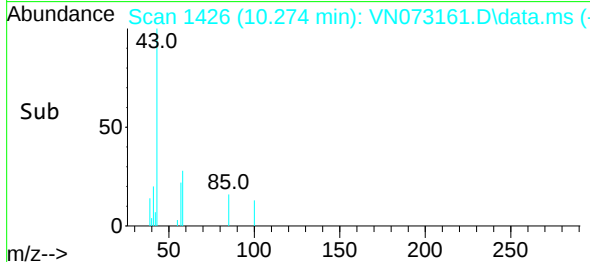
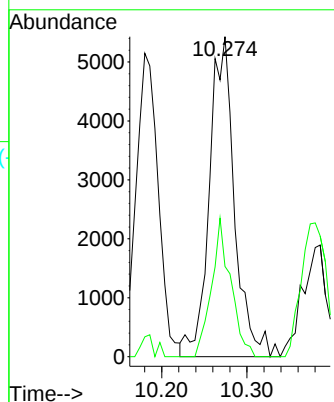
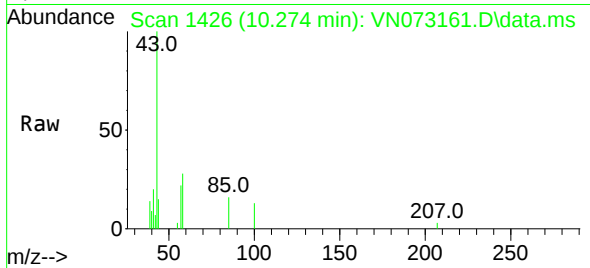




#51
4-Methyl-2-Pentanone
Concen: 1.819 ug/l
RT: 10.274 min Scan# 1410
Delta R.T. 0.006 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

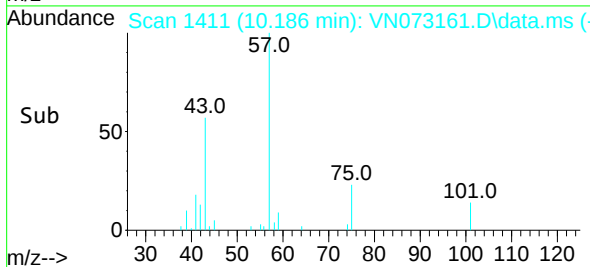
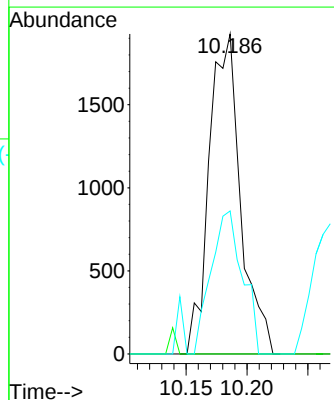
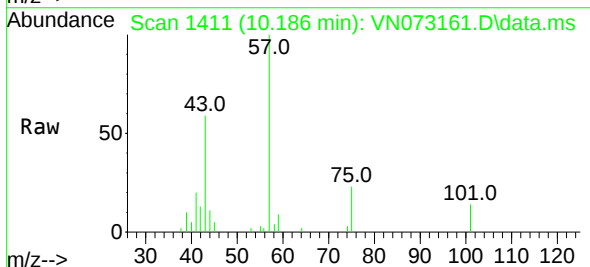
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

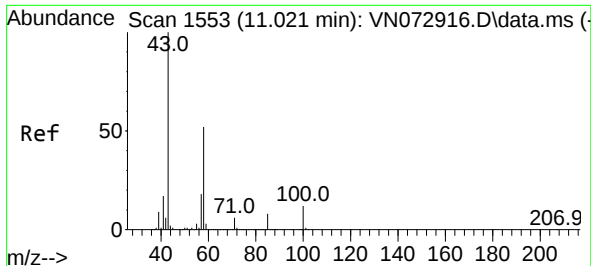
Tgt Ion: 43 Resp: 11136
Ion Ratio Lower Upper
43 100
58 33.1 34.1 51.1#



#54
cis-1,3-Dichloropropene
Concen: 0.662 ug/l
RT: 10.186 min Scan# 1411
Delta R.T. 0.065 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion: 75 Resp: 3447
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 44.7 35.7 53.5

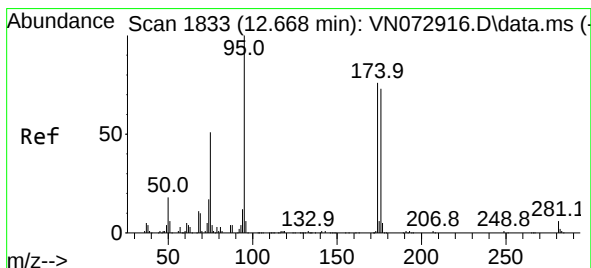
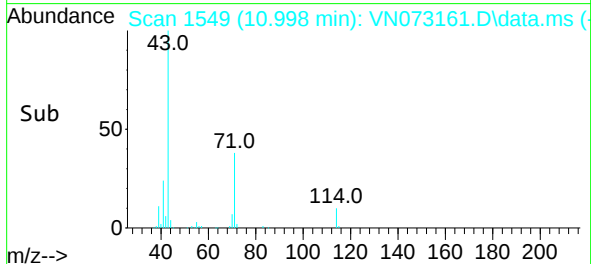
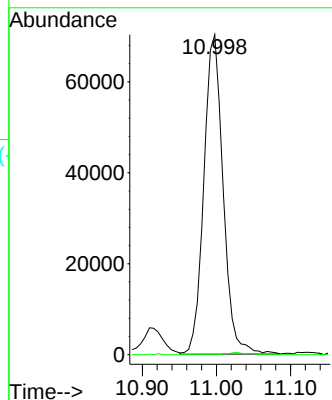
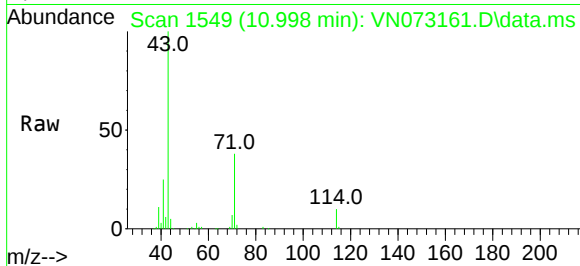




#59
2-Hexanone
Concen: 26.884 ug/l
RT: 10.998 min Scan# 1549
Delta R.T. -0.024 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

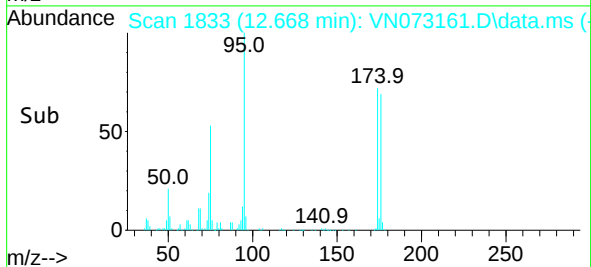
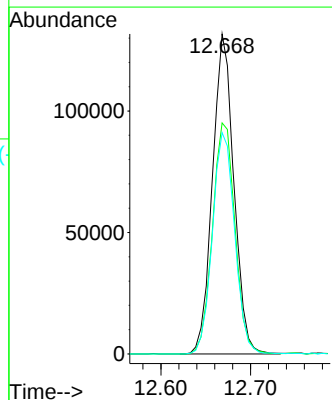
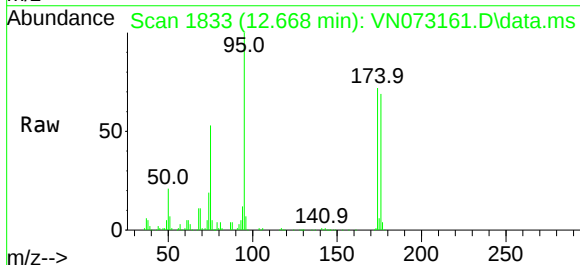
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

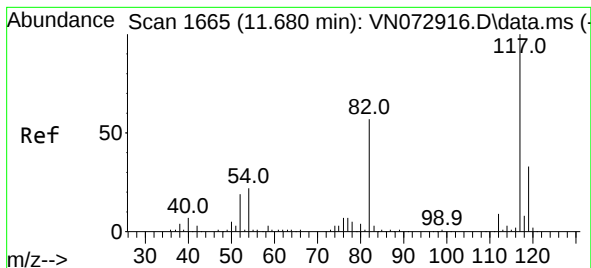
Tgt Ion: 43 Resp: 127282
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 53.655 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion: 95 Resp: 217825
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 72.1 0.0 163.4

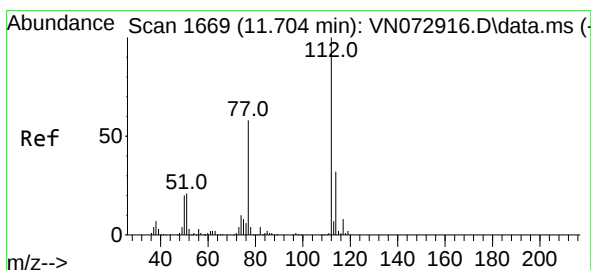
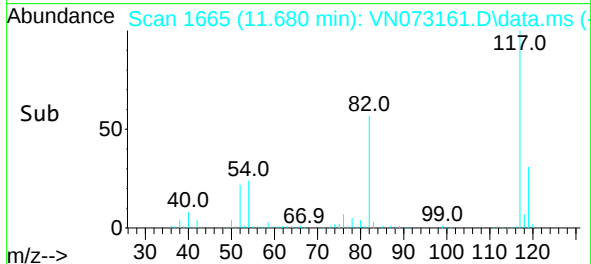
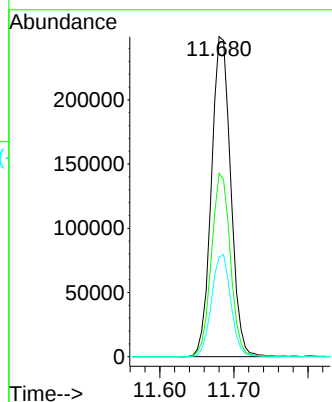
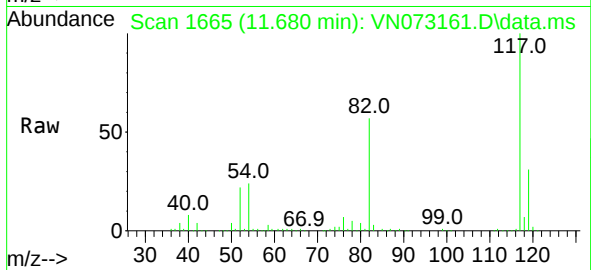




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

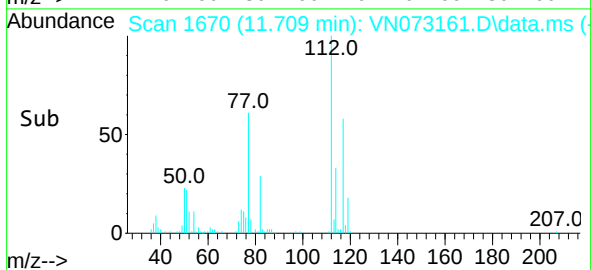
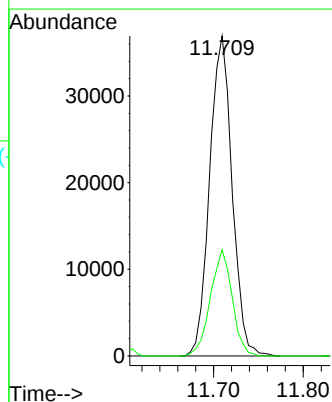
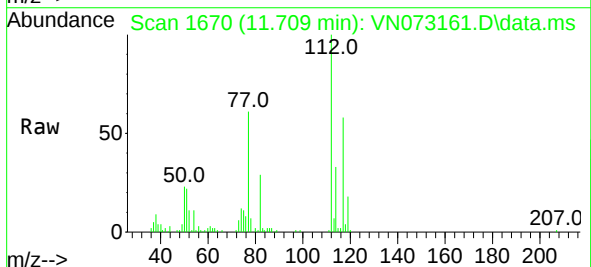
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

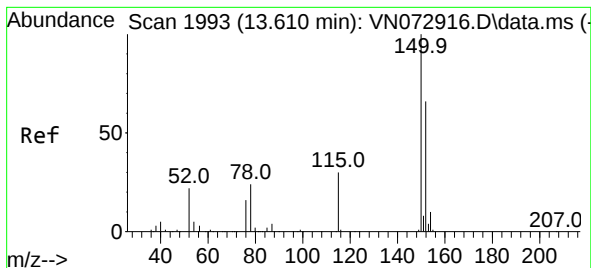
Tgt Ion:117 Resp: 451306
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 31.1 25.4 38.0



#65
Chlorobenzene
Concen: 7.282 ug/l
RT: 11.709 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion:112 Resp: 64181
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

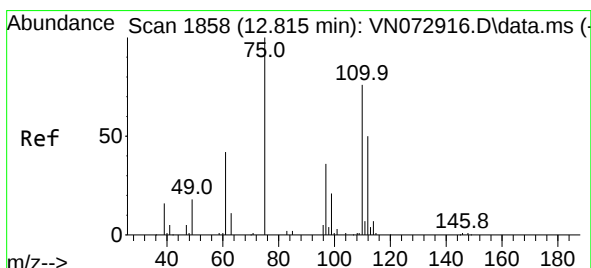
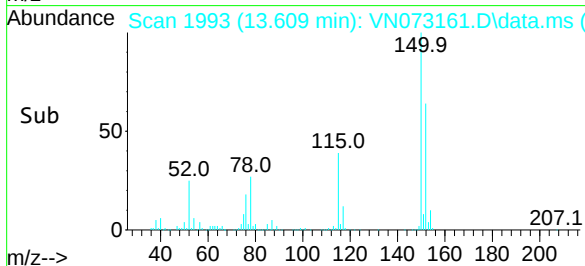
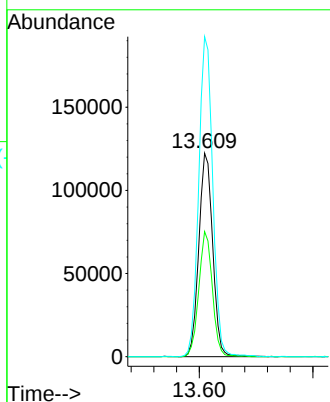
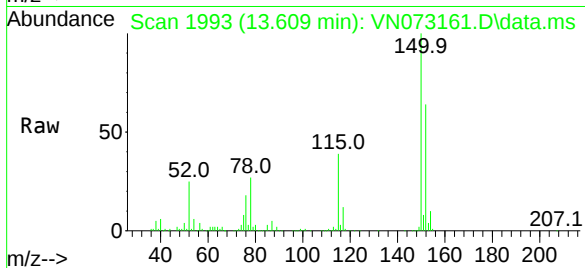




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.609 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073161.D
 Acq: 27 Jun 2022 14:49

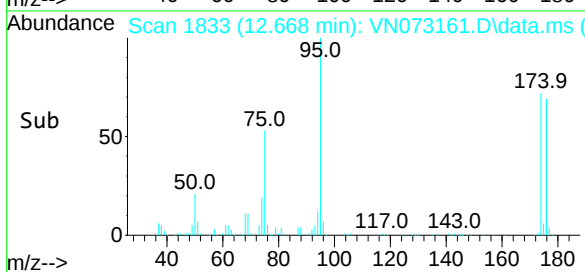
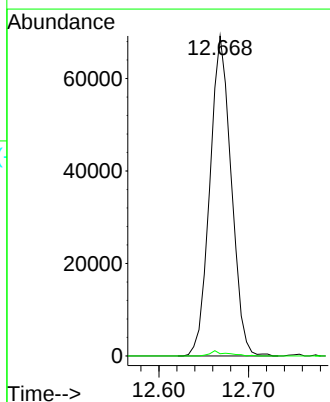
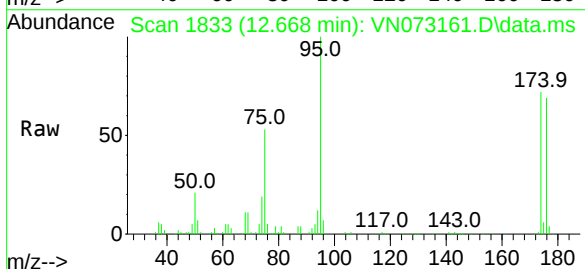
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-5-GR

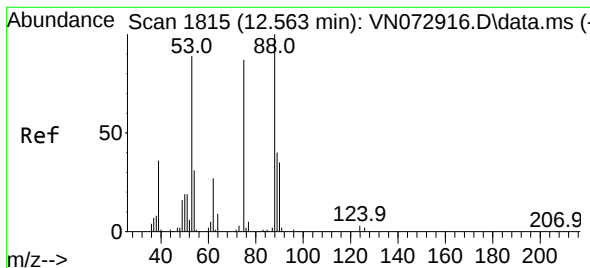
Tgt Ion:152 Resp: 207612
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.9 86.7
 150 159.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.782 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073161.D
 Acq: 27 Jun 2022 14:49

Tgt Ion: 75 Resp: 114672
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

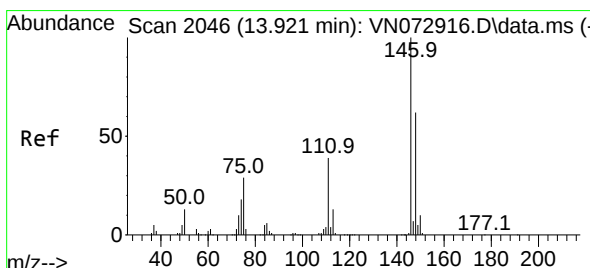
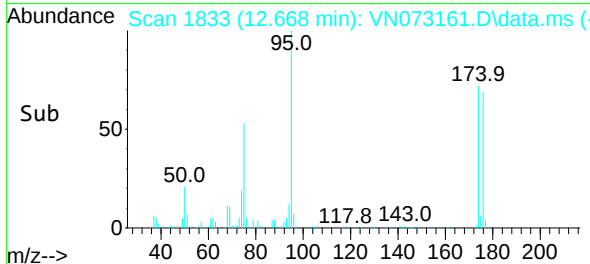
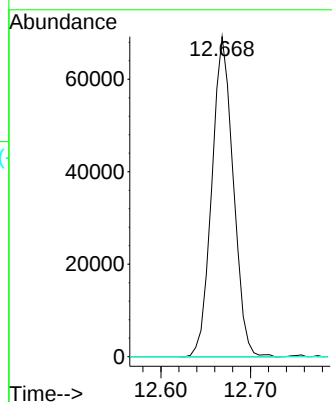
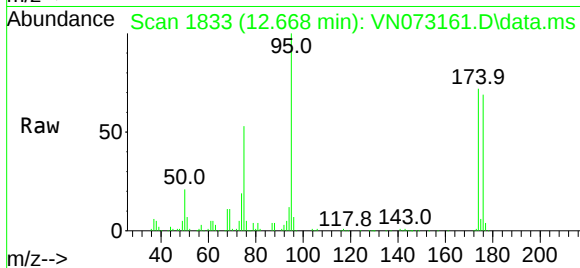




#81
trans-1,4-Dichloro-2-butene
Concen: 61.525 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-5-GR

Tgt Ion: 75 Resp: 114672
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#91
1,2-Dichlorobenzene
Concen: 1.468 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VN073161.D
Acq: 27 Jun 2022 14:49

Tgt Ion:146 Resp: 10519
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 65.2 32.1 96.3

