

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073356.D
 Acq On : 06 Jul 2022 19:41
 Operator : JC\MD
 Sample : N3593-06
 Misc : 6.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20220484C-2C

Quant Time: Jul 07 04:25:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

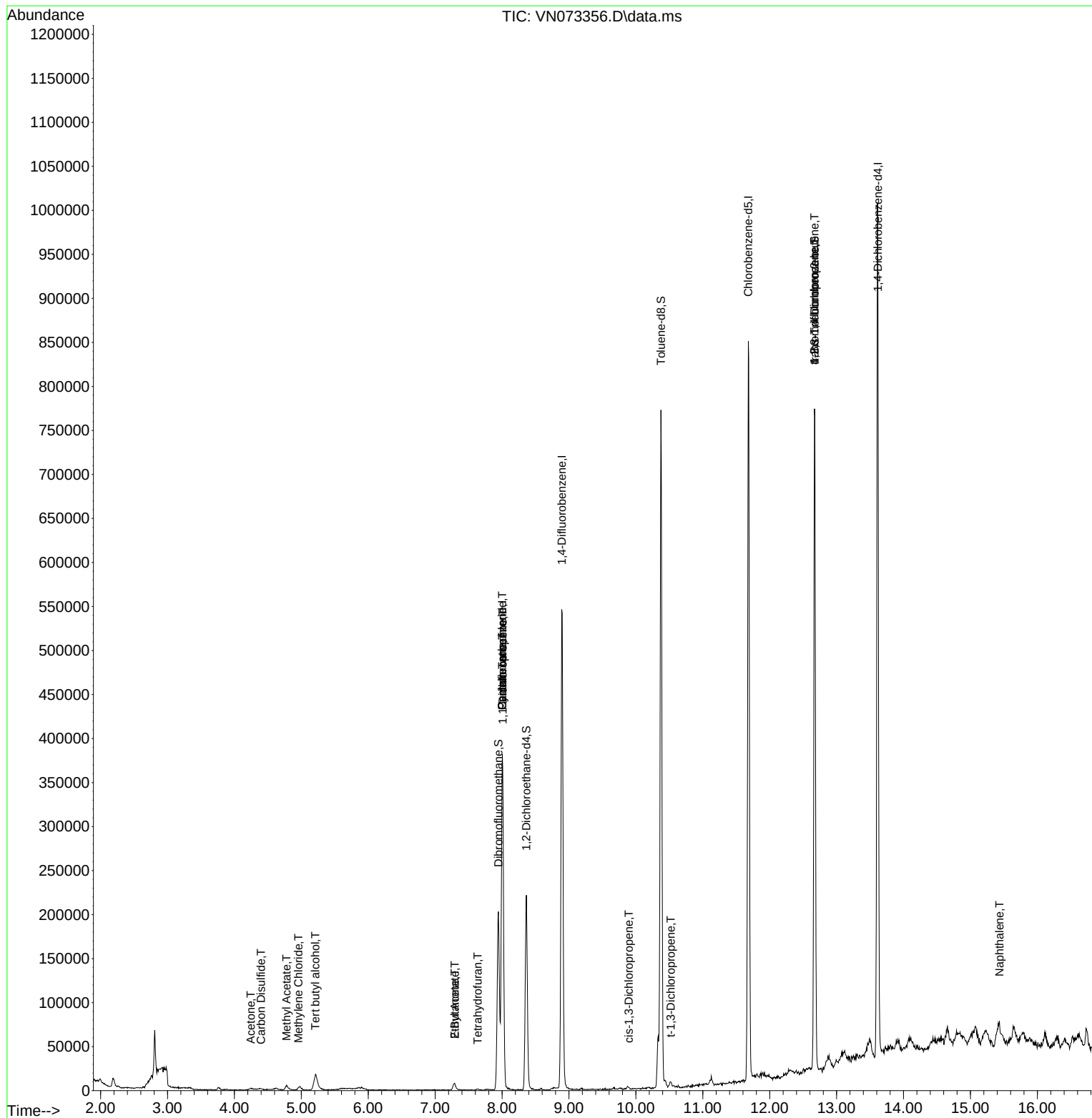
Internal Standards						
1) Pentafluorobenzene	8.004	168	299731	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.892	114	492098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	495534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	262543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	180209	41.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.300%
35) Dibromofluoromethane	7.945	113	150031	45.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	10.374	98	528107	45.416	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.840%
62) 4-Bromofluorobenzene	12.668	95	265941	59.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.210	59	18824	17.959	ug/l #	73
16) Acetone	4.245	43	2326	0.958	ug/l #	72
17) Carbon Disulfide	4.398	76	3143	0.344	ug/l #	75
18) Methyl Acetate	4.781	43	10839	1.592	ug/l #	67
20) Methylene Chloride	4.957	84	1523	0.357	ug/l #	89
25) 2-Butanone	7.292	43	4146	1.072	ug/l	93
29) Tetrahydrofuran	7.633	42	614	0.232	ug/l #	38
31) Cyclohexane	8.004	56	6749	0.952	ug/l #	1
36) 1,1-Dichloropropene	8.010	75	23133	4.592	ug/l #	51
37) Ethyl Acetate	7.292	43	4146	0.545	ug/l #	67
38) Carbon Tetrachloride	8.004	117	29388	5.641	ug/l #	16
53) t-1,3-Dichloropropene	10.522	75	3276	0.571	ug/l #	79
54) cis-1,3-Dichloropropene	9.892	75	1484	0.240	ug/l #	36
76) 1,2,3-Trichloropropane	12.668	75	136164	19.835	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	136164	54.396	ug/l #	11
95) Naphthalene	15.433	128	16341	0.808	ug/l #	95

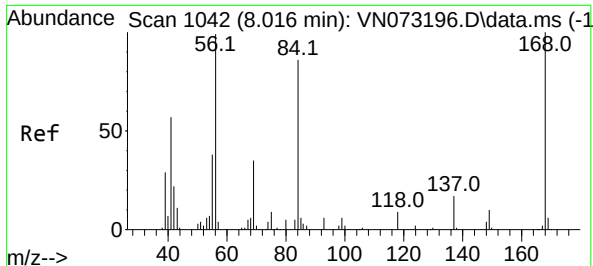
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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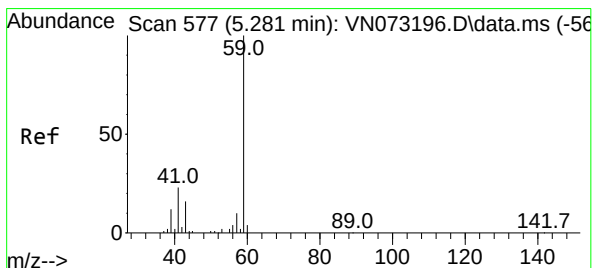
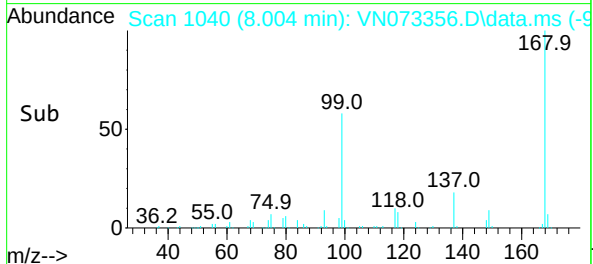
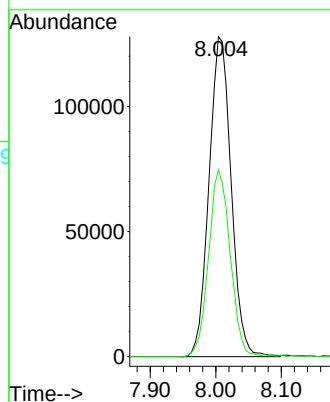
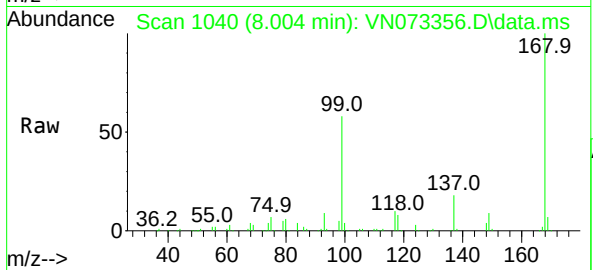




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

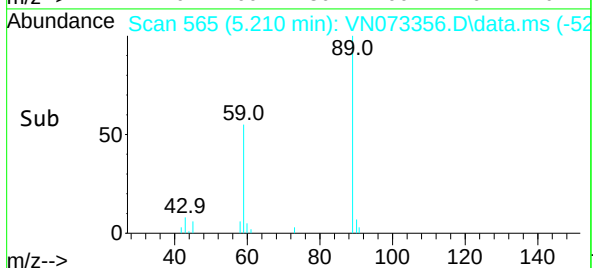
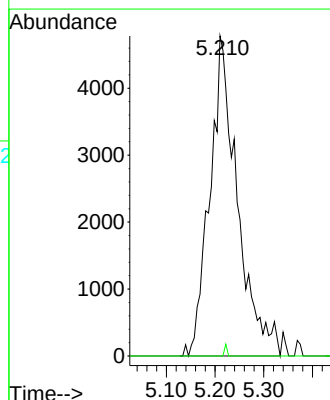
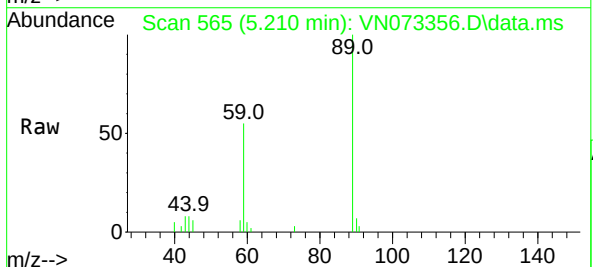
Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

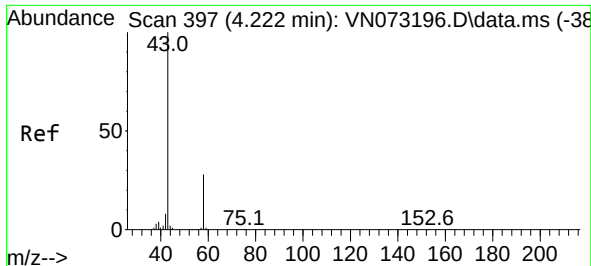
Tgt Ion:168 Resp: 299731
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 17.959 ug/l
RT: 5.210 min Scan# 565
Delta R.T. -0.071 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion: 59 Resp: 18824
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#





#16

Acetone

Concen: 0.958 ug/l

RT: 4.245 min Scan# 401

Delta R.T. 0.023 min

Lab File: VN073356.D

Acq: 06 Jul 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

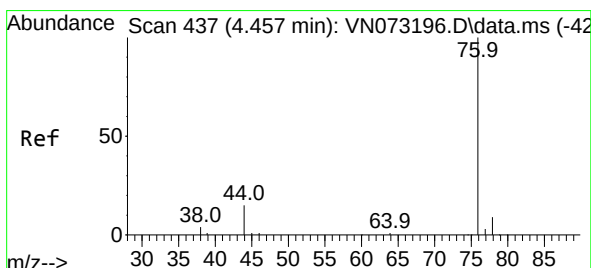
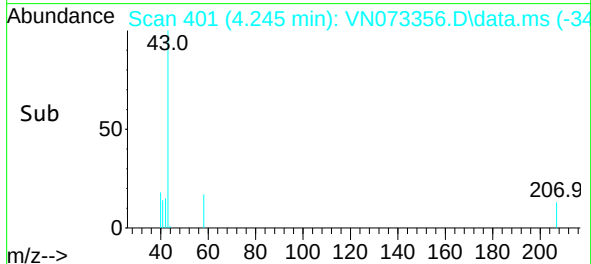
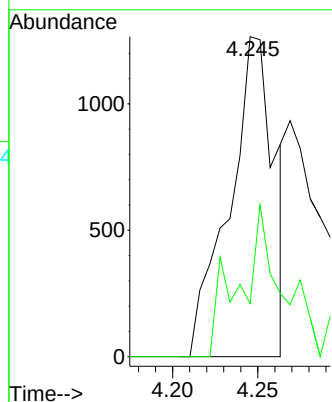
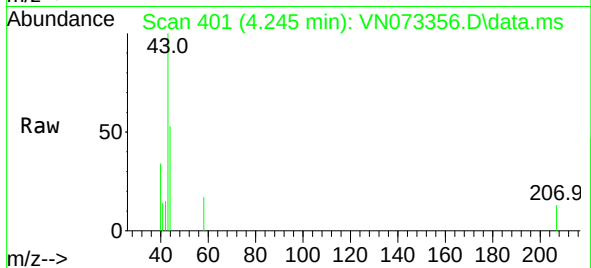
20220484C-2C

Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

58 16.6 26.0 39.0#



#17

Carbon Disulfide

Concen: 0.344 ug/l

RT: 4.398 min Scan# 427

Delta R.T. -0.059 min

Lab File: VN073356.D

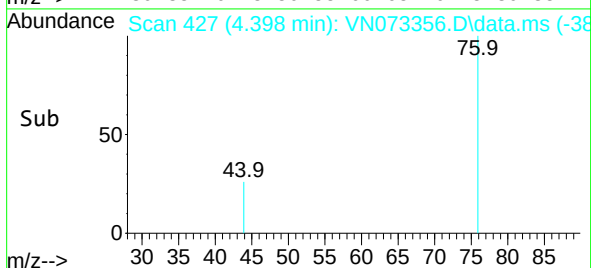
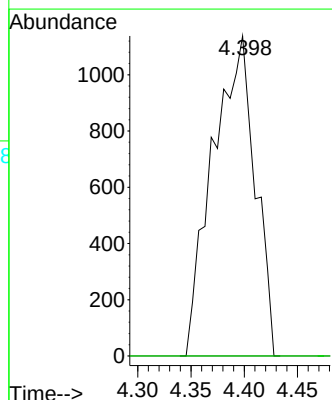
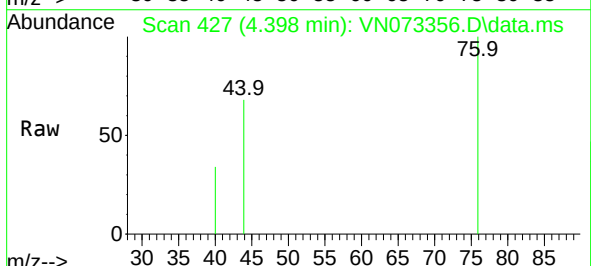
Acq: 06 Jul 2022 19:41

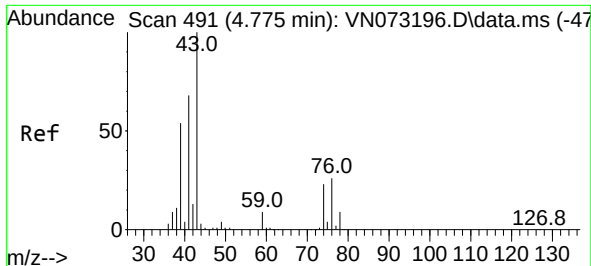
Tgt Ion: 76 Resp: 3143

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

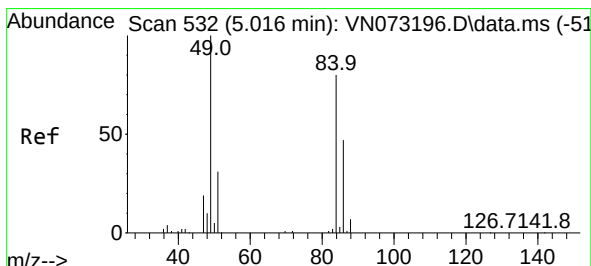
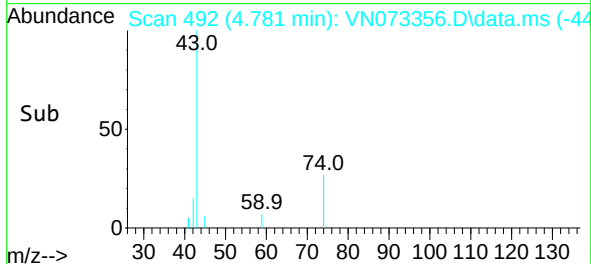
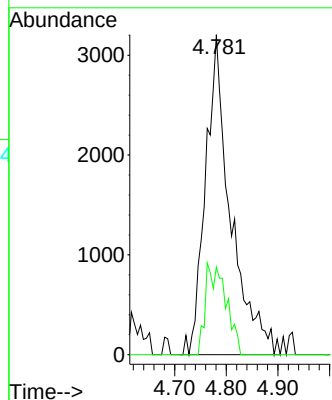
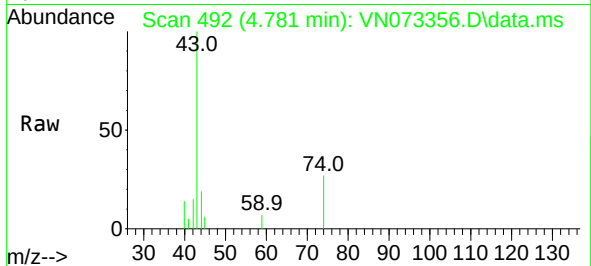




#18
Methyl Acetate
Concen: 1.592 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

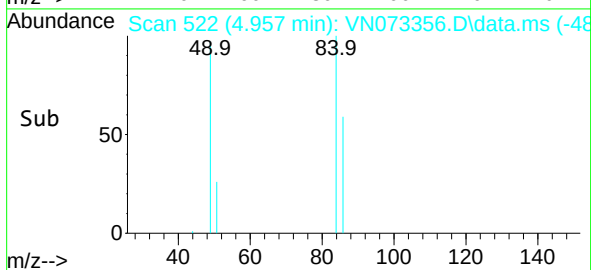
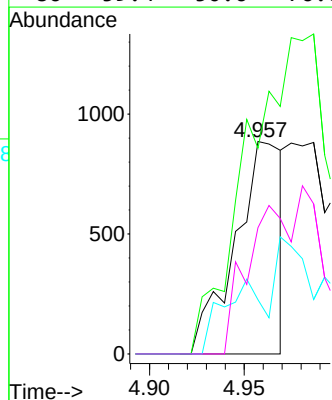
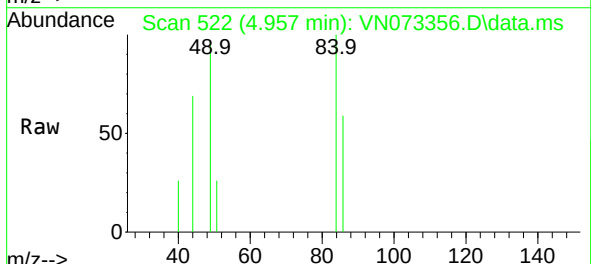
Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

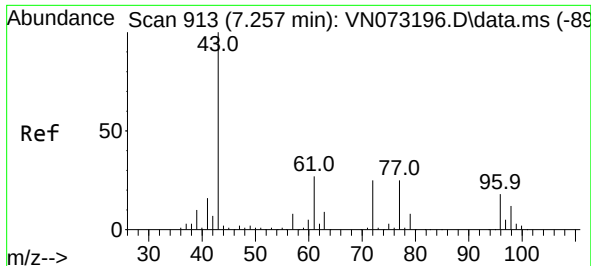
Tgt Ion: 43 Resp: 10839
Ion Ratio Lower Upper
43 100
74 9.7 21.6 32.4#



#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 4.957 min Scan# 522
Delta R.T. -0.059 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion: 84 Resp: 1523
Ion Ratio Lower Upper
84 100
49 96.8 88.3 132.5
51 25.5 28.2 42.2#
86 59.4 50.6 76.0

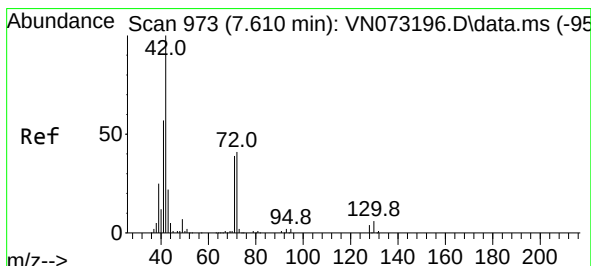
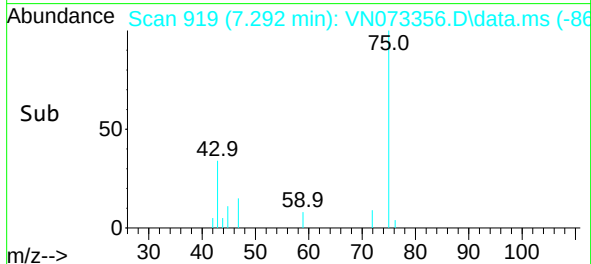
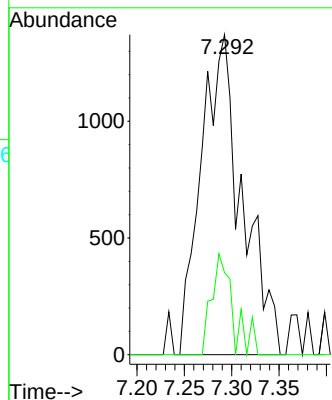
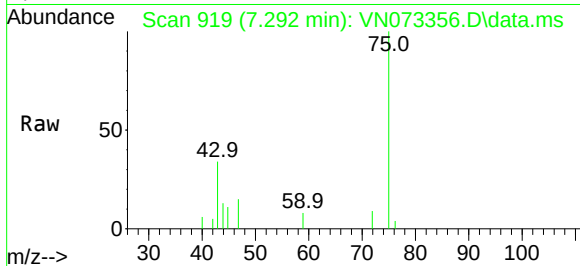




#25
2-Butanone
Concen: 1.072 ug/l
RT: 7.292 min Scan# 913
Delta R.T. 0.035 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

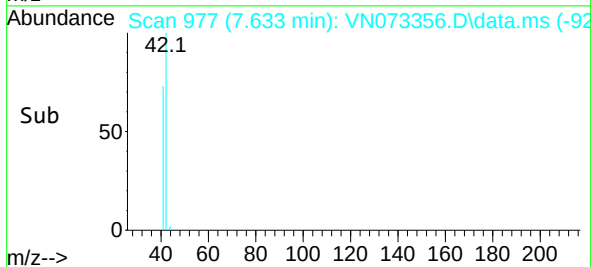
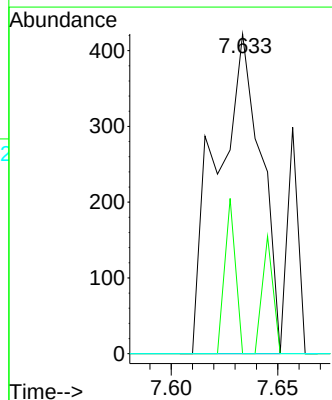
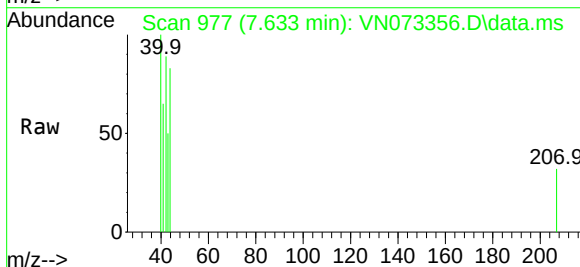
Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

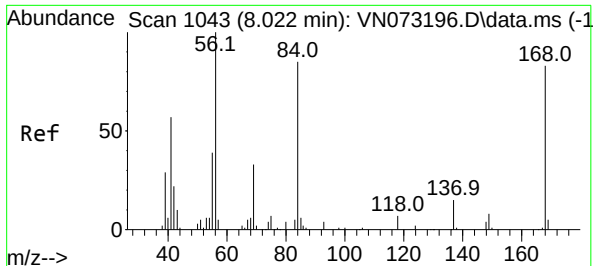
Tgt Ion: 43 Resp: 4146
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.232 ug/l
RT: 7.633 min Scan# 977
Delta R.T. 0.023 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

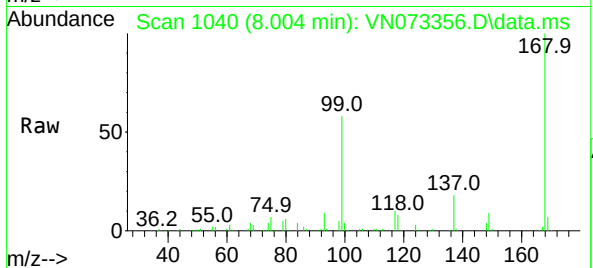
Tgt Ion: 42 Resp: 614
Ion Ratio Lower Upper
42 100
72 11.7 39.7 59.5#
71 0.0 36.6 55.0#



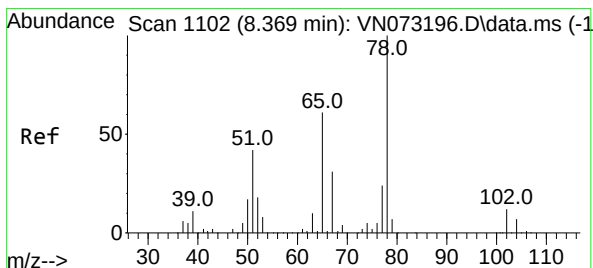
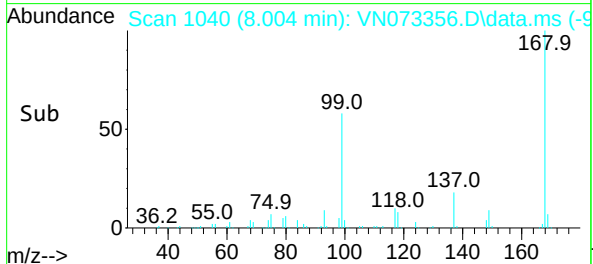
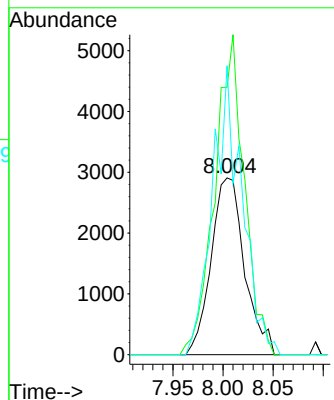


#31
Cyclohexane
Concen: 0.952 ug/l
RT: 8.004 min Scan# 1101
Delta R.T. -0.018 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Instrument :
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ClientSampleId :
20220484C-2C

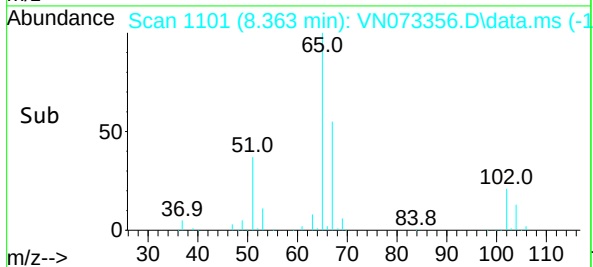
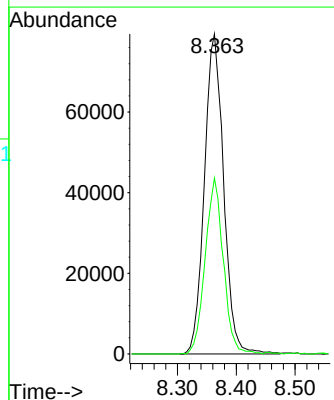
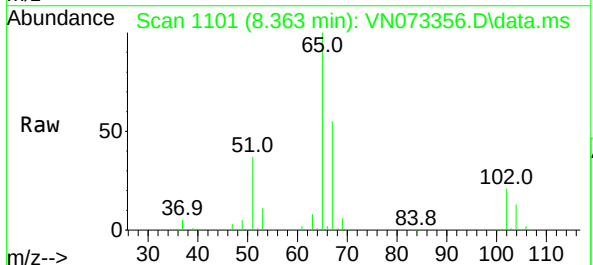


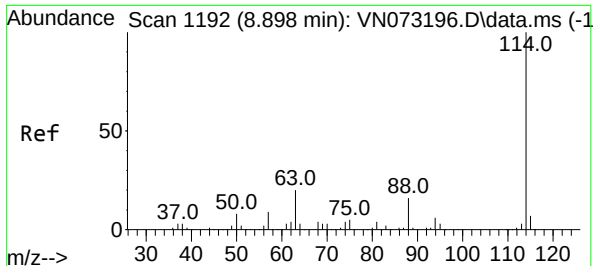
Tgt Ion: 56 Resp: 6749
Ion Ratio Lower Upper
56 100
69 151.2 27.8 41.8#
84 163.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 41.648 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion: 65 Resp: 180209
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.892 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073356.D

Acq: 06 Jul 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

20220484C-2C

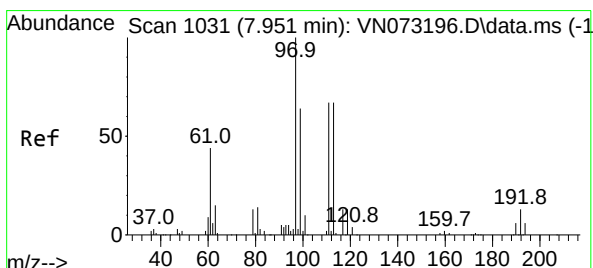
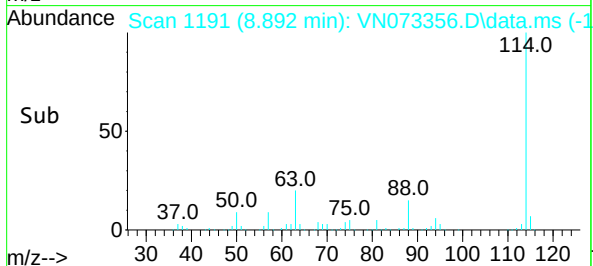
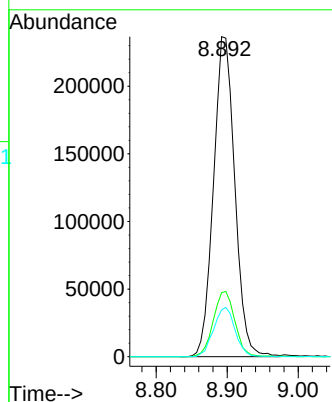
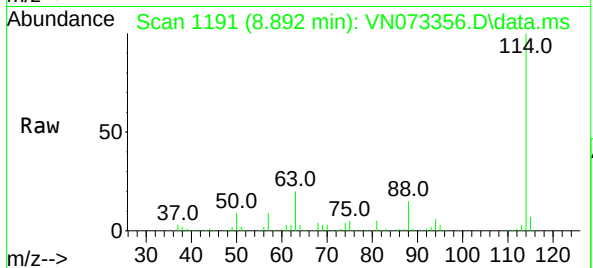
Tgt Ion:114 Resp: 492098

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.825 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073356.D

Acq: 06 Jul 2022 19:41

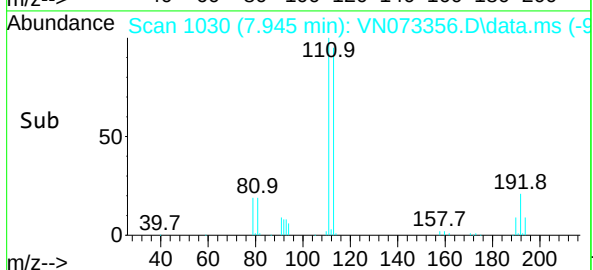
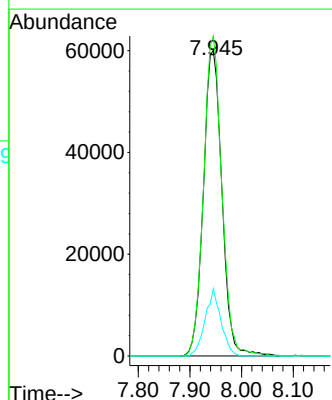
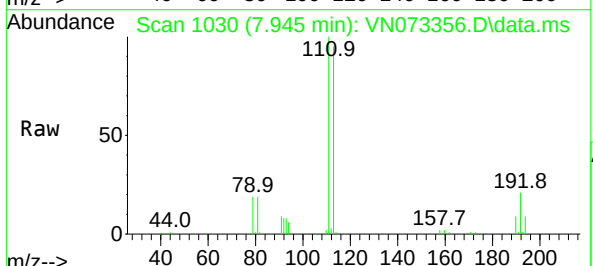
Tgt Ion:113 Resp: 150031

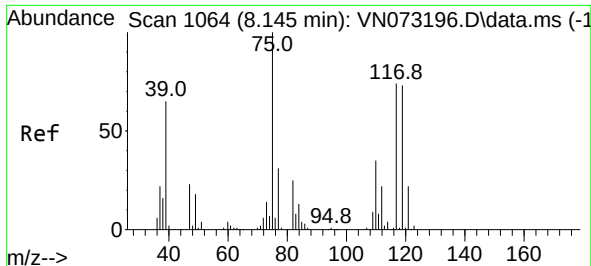
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.592 ug/l

RT: 8.010 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN073356.D

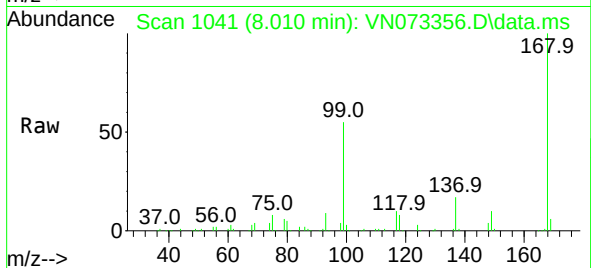
Acq: 06 Jul 2022 19:41

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20220484C-2C



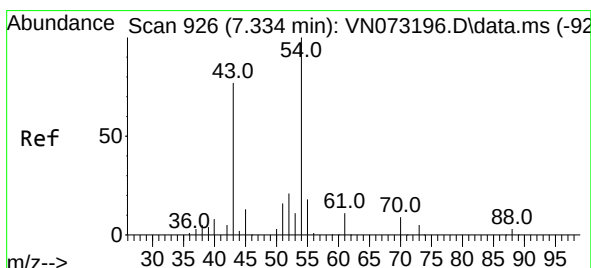
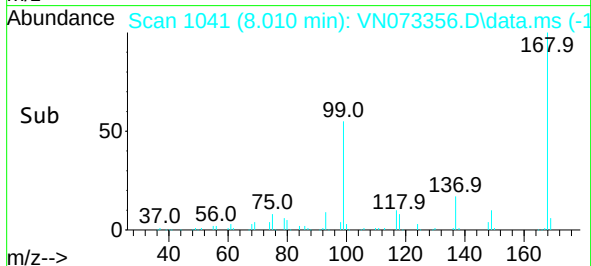
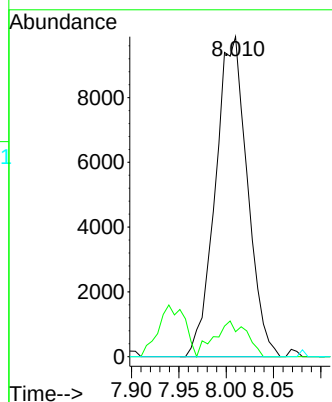
Tgt Ion: 75 Resp: 23133

Ion Ratio Lower Upper

75 100

110 11.2 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.545 ug/l

RT: 7.292 min Scan# 919

Delta R.T. -0.042 min

Lab File: VN073356.D

Acq: 06 Jul 2022 19:41

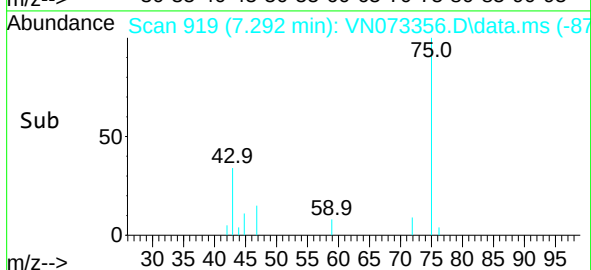
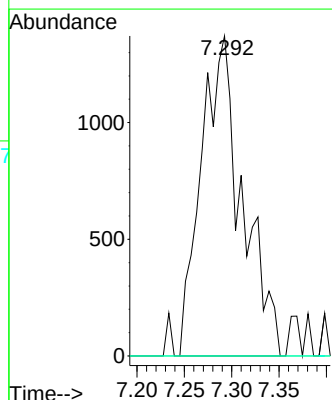
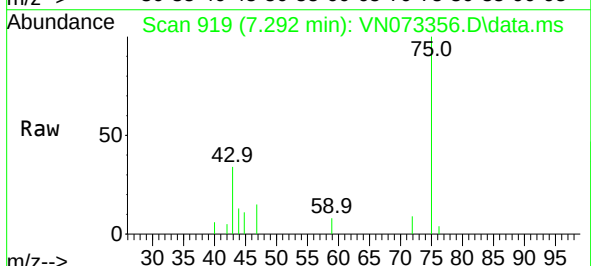
Tgt Ion: 43 Resp: 4146

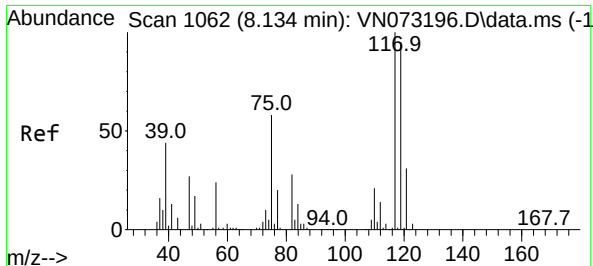
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

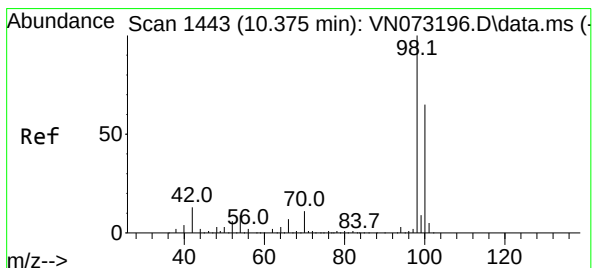
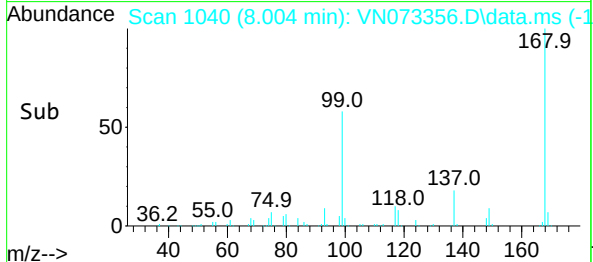
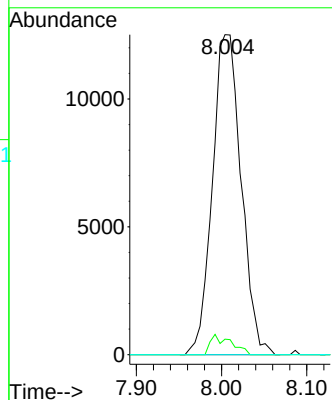
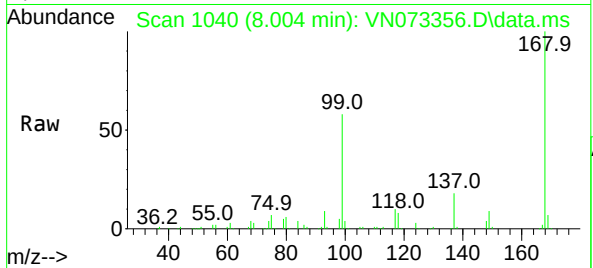




#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.130 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

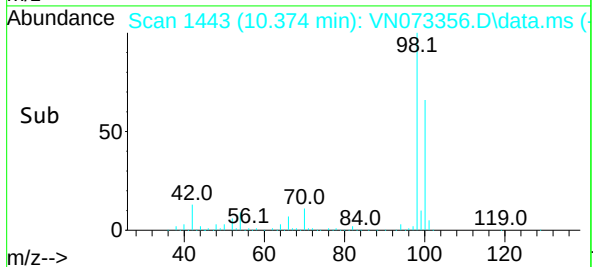
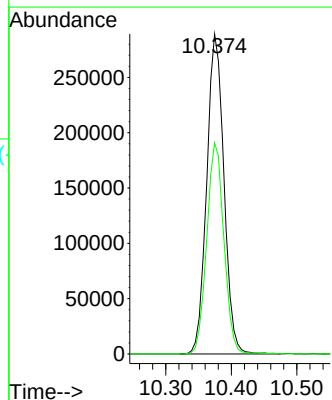
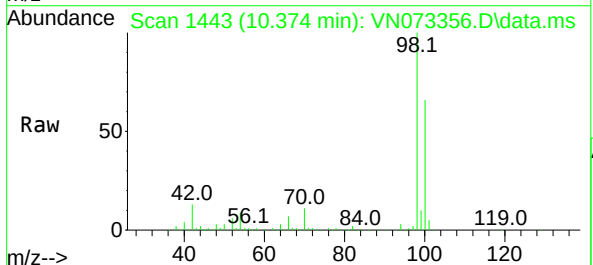
Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

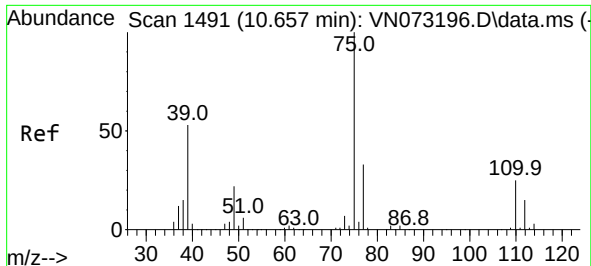
Tgt Ion:117 Resp: 29388
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.416 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion: 98 Resp: 528107
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

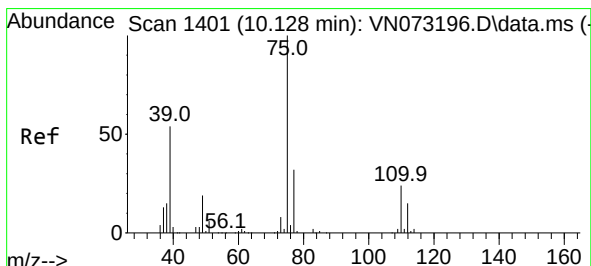
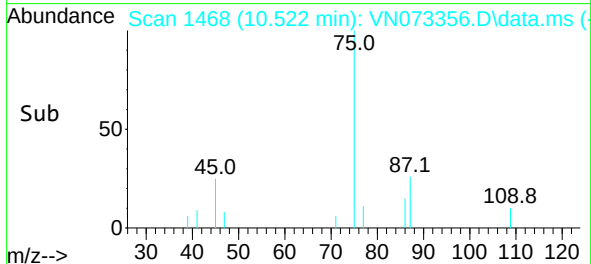
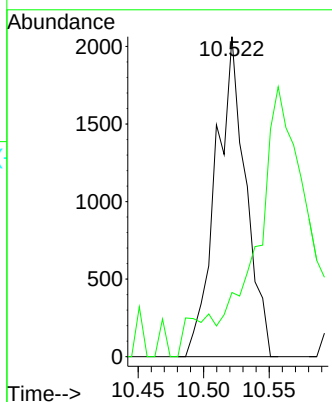
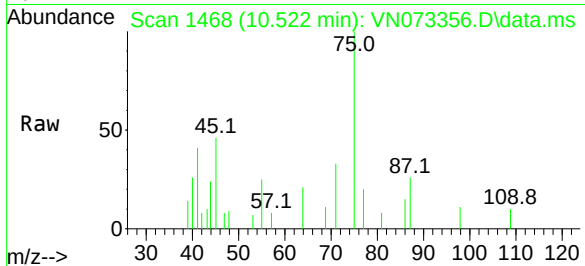




#53
t-1,3-Dichloropropene
Concen: 0.571 ug/l
RT: 10.522 min Scan# 1491
Delta R.T. -0.135 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

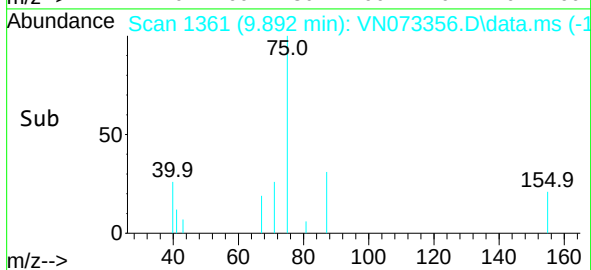
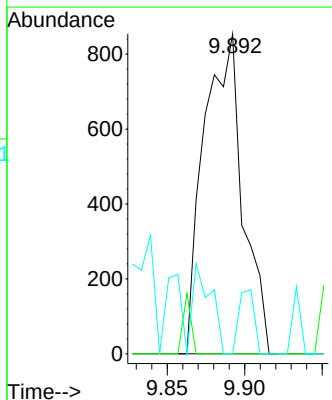
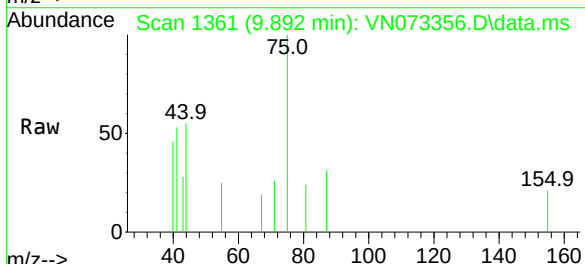
Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

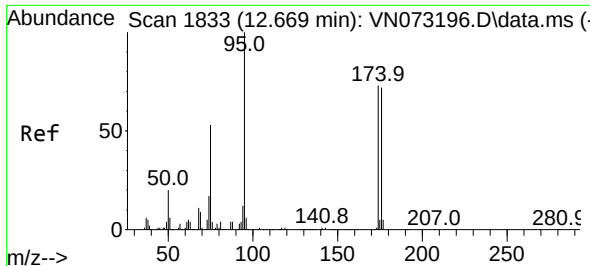
Tgt Ion: 75 Resp: 3276
Ion Ratio Lower Upper
75 100
77 20.1 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 0.240 ug/l
RT: 9.892 min Scan# 1361
Delta R.T. -0.236 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion: 75 Resp: 1484
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 0.0 35.7 53.5#

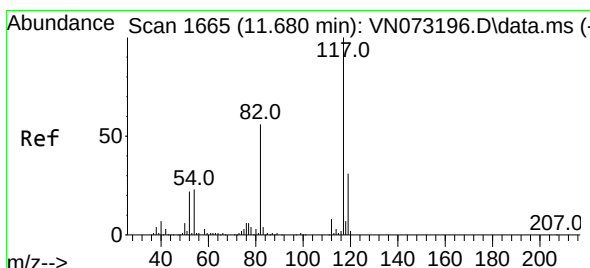
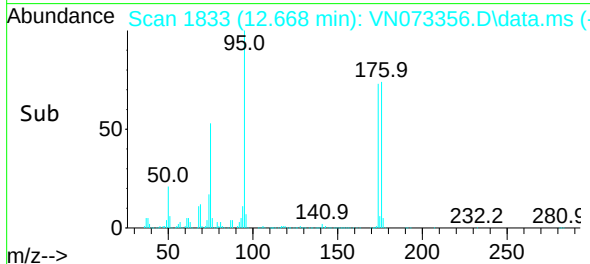
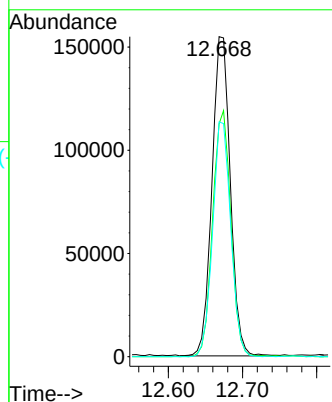
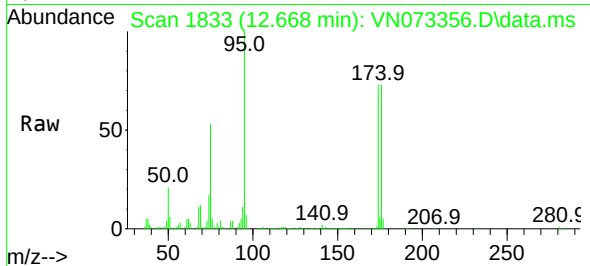




#62
4-Bromofluorobenzene
Concen: 59.513 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

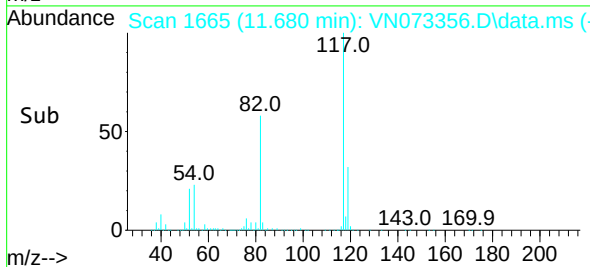
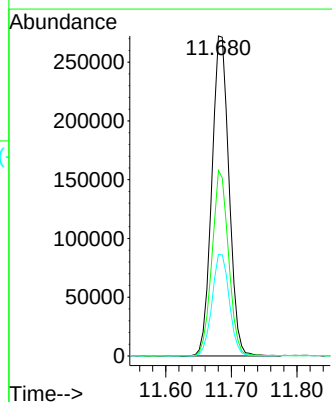
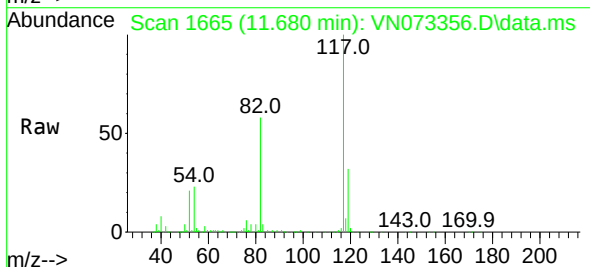
Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

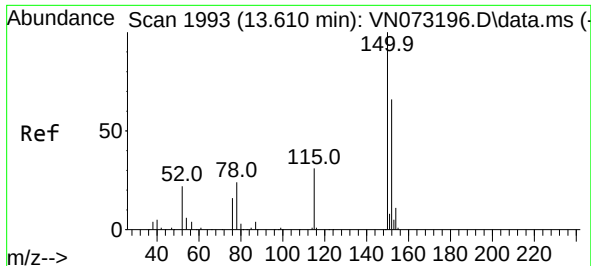
Tgt Ion: 95 Resp: 265941
Ion Ratio Lower Upper
95 100
174 76.4 0.0 167.6
176 72.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion: 117 Resp: 495534
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 31.7 25.4 38.0

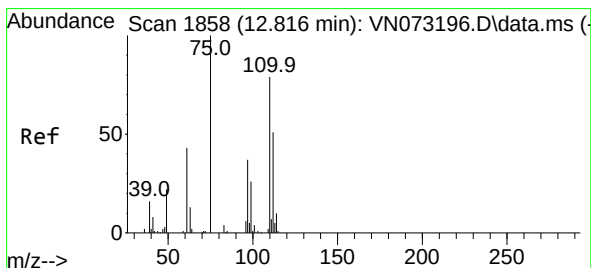
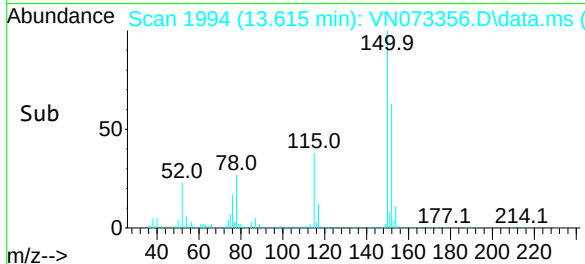
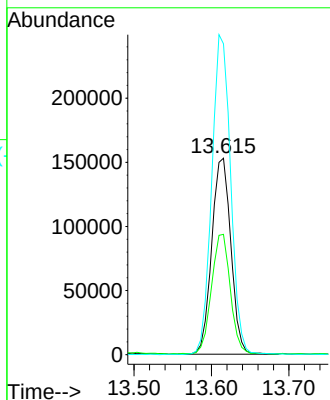
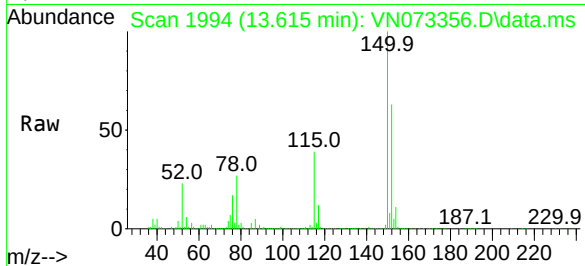




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

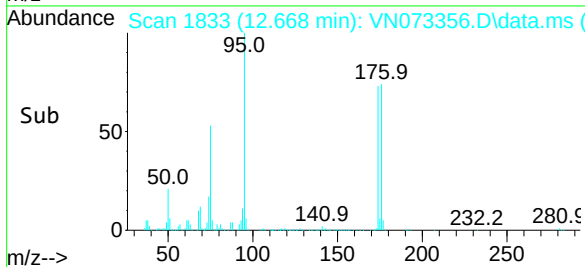
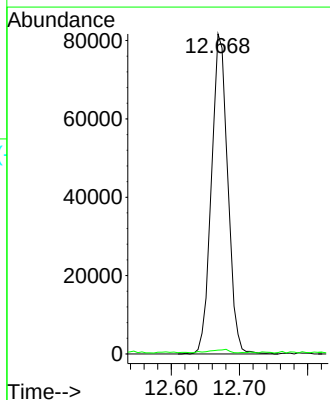
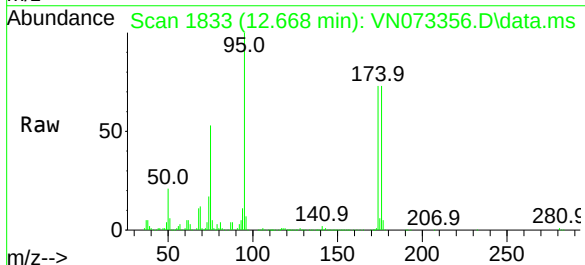
Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

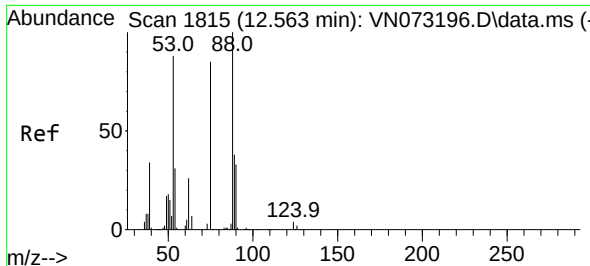
Tgt Ion:152 Resp: 262543
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 160.7 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 19.835 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion: 75 Resp: 136164
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

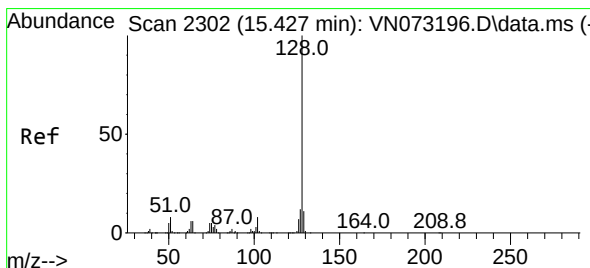
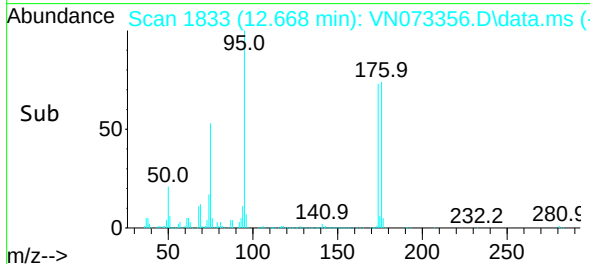
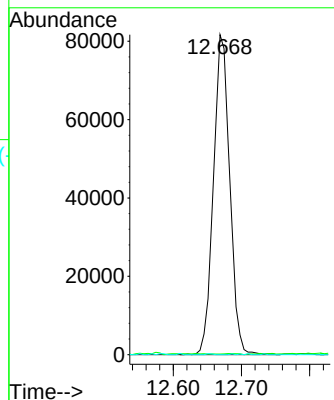
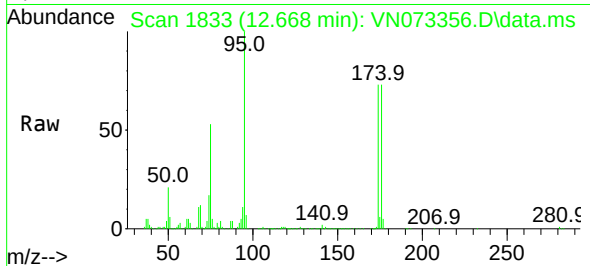




#81
trans-1,4-Dichloro-2-butene
Concen: 54.396 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Instrument :
MSVOA_N
ClientSampleId :
20220484C-2C

Tgt Ion: 75 Resp: 136164
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 0.808 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073356.D
Acq: 06 Jul 2022 19:41

Tgt Ion:128 Resp: 16341
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 14.2 8.6 13.0#

