

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073392.D
 Acq On : 08 Jul 2022 14:52
 Operator : JC\MD
 Sample : N3636-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-070722

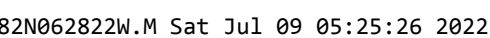
Quant Time: Jul 09 05:25:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

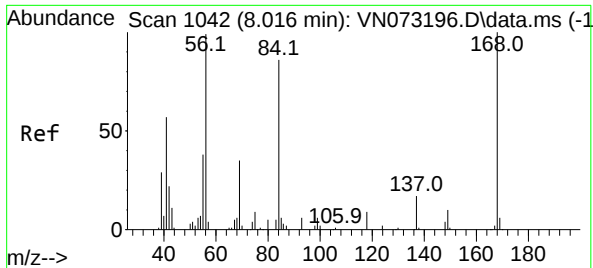
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	304416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	506539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	469230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	220210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	190679	43.390	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.780%		
35) Dibromofluoromethane	7.951	113	162353	48.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.340%		
50) Toluene-d8	10.381	98	532652	44.501	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.000%		
62) 4-Bromofluorobenzene	12.669	95	232810	50.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.220%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.846	94	356	0.205	ug/l	82
6) Chloroethane	2.969	64	831	0.385	ug/l #	42
11) Tert butyl alcohol	5.281	59	597	0.561	ug/l #	72
16) Acetone	4.240	43	6900	2.797	ug/l	97
20) Methylene Chloride	5.004	84	1336	0.308	ug/l #	83
25) 2-Butanone	7.234	43	3014	0.767	ug/l #	77
26) 2,2-Dichloropropane	7.245	77	3411	0.506	ug/l #	53
31) Cyclohexane	8.028	56	7021	0.976	ug/l #	37
36) 1,1-Dichloropropene	8.016	75	25171	4.854	ug/l #	50
38) Carbon Tetrachloride	8.016	117	30766	5.737	ug/l #	15
71) Bromoform	12.669	173	1428	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	121651	21.127	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	121651	57.940	ug/l #	10

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

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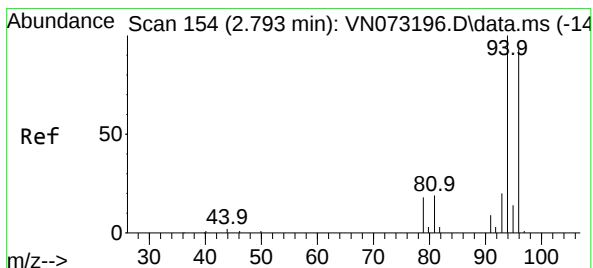
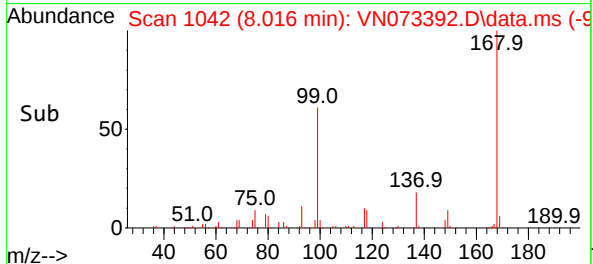
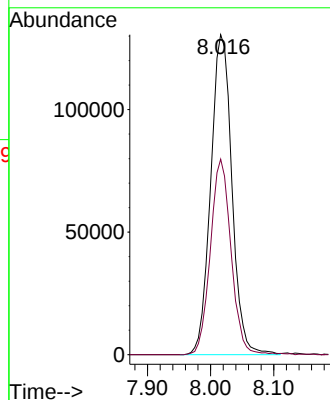
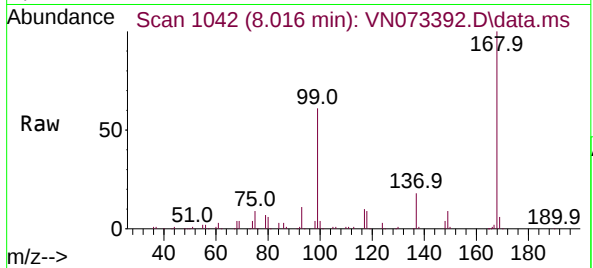




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

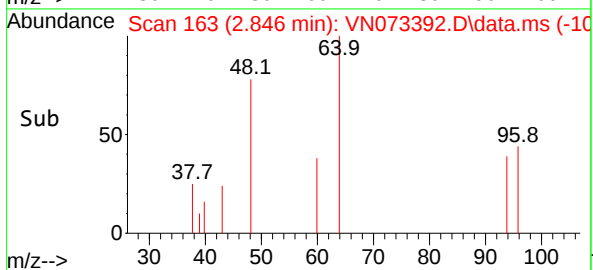
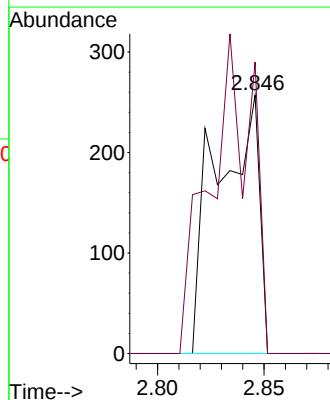
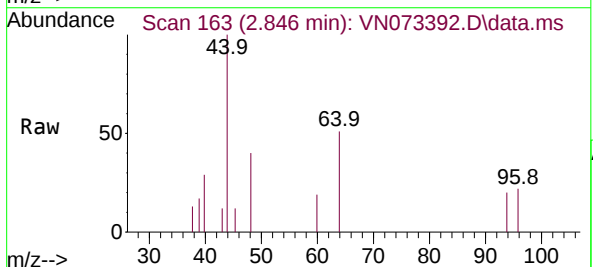
Instrument :
MSVOA_N
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FB-01-070722

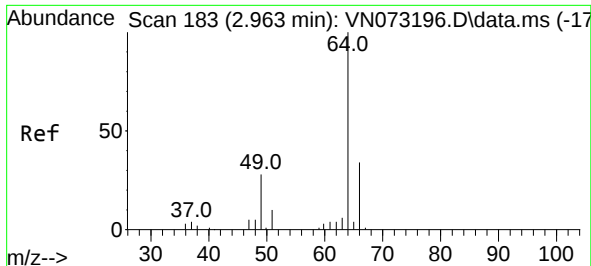
Tgt Ion:168 Resp: 304416
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#5
Bromomethane
Concen: 0.205 ug/l
RT: 2.846 min Scan# 163
Delta R.T. 0.053 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 112.8 76.0 114.0

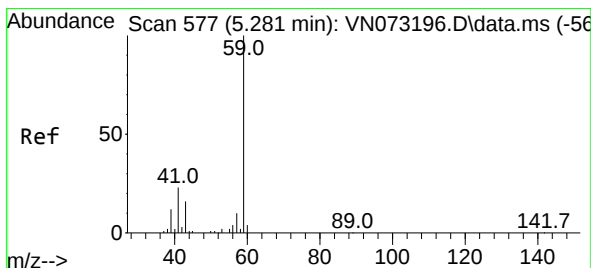
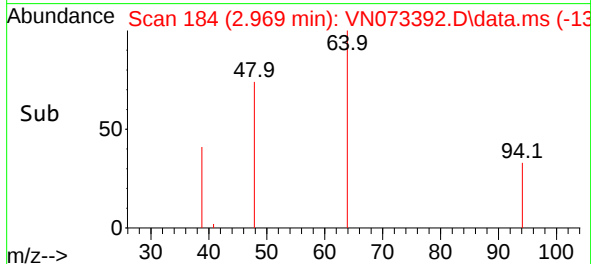
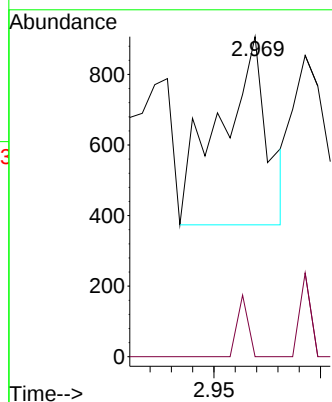
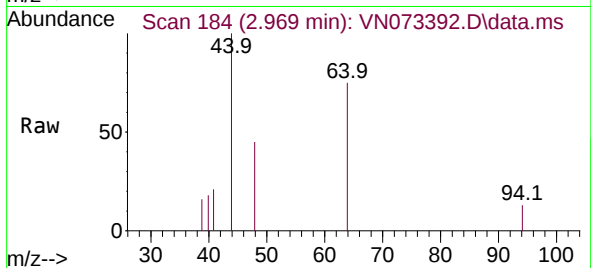




#6
Chloroethane
Concen: 0.385 ug/l
RT: 2.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

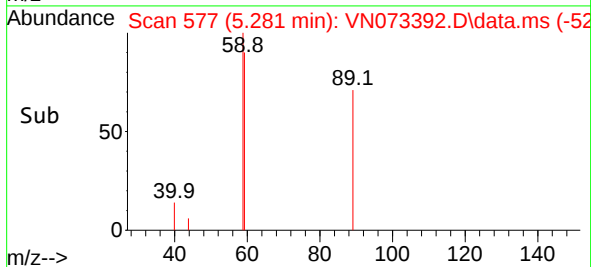
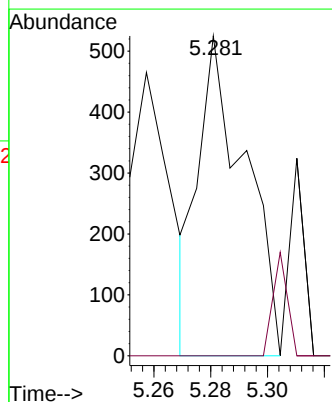
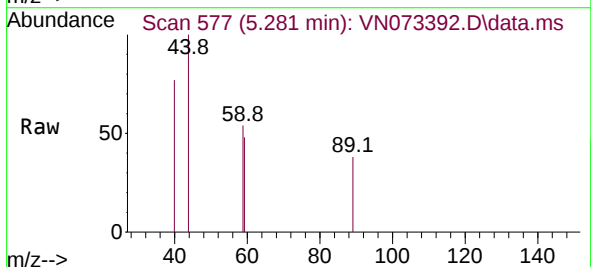
Instrument :
MSVOA_N
ClientSampleId :
FB-01-070722

Tgt Ion: 64 Resp: 831
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.561 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

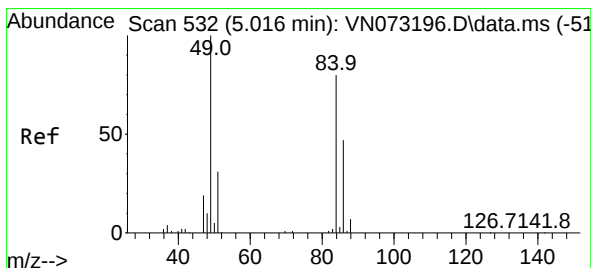
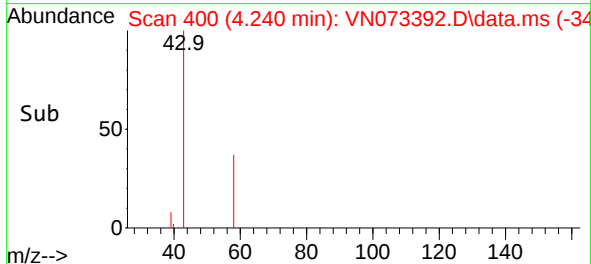
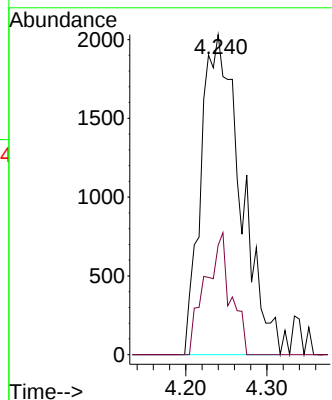
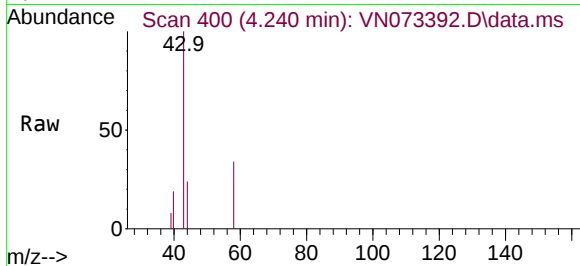




#16
Acetone
Concen: 2.797 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

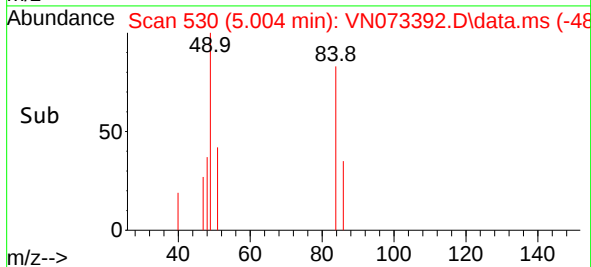
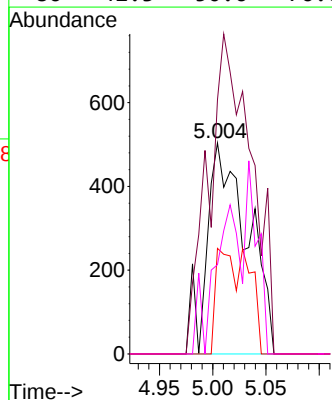
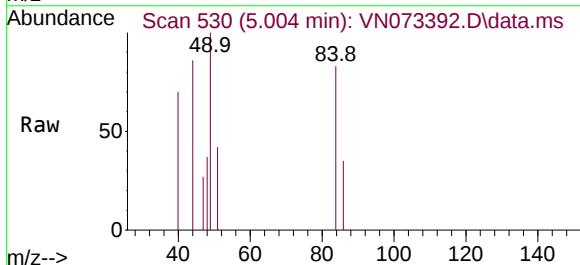
Instrument :
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ClientSampleId :
FB-01-070722

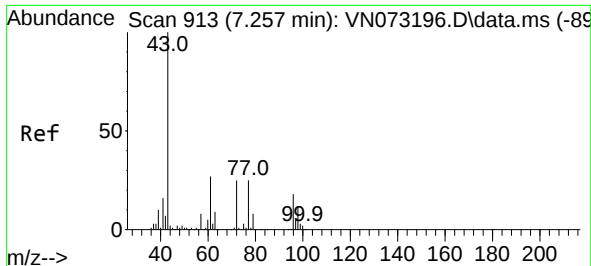
Tgt Ion: 43 Resp: 6900
Ion Ratio Lower Upper
43 100
58 34.2 26.0 39.0



#20
Methylene Chloride
Concen: 0.308 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion: 84 Resp: 1336
Ion Ratio Lower Upper
84 100
49 120.4 88.3 132.5
51 50.0 28.2 42.2#
86 42.3 50.6 76.0#

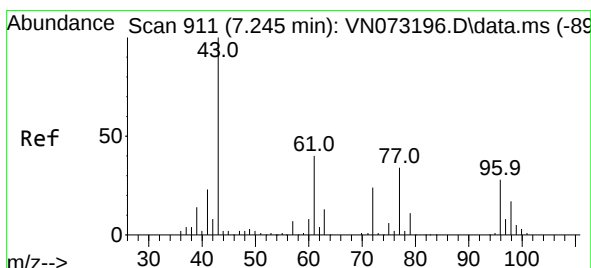
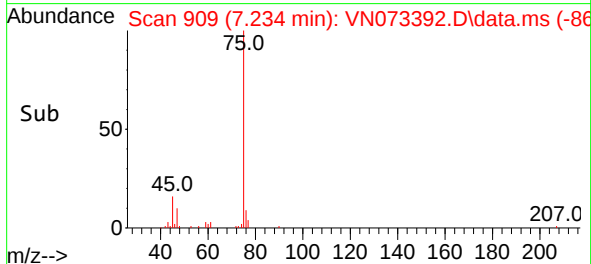
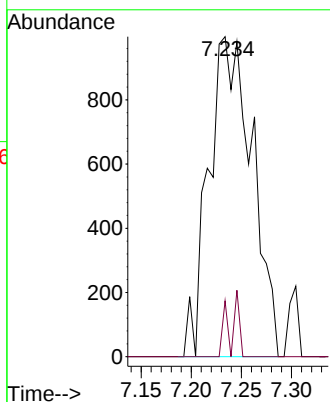
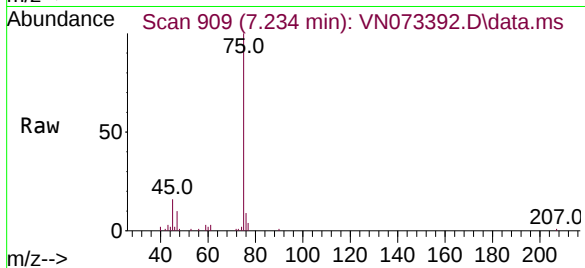




#25
2-Butanone
Concen: 0.767 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.023 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

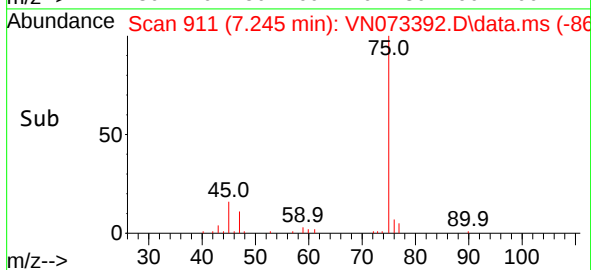
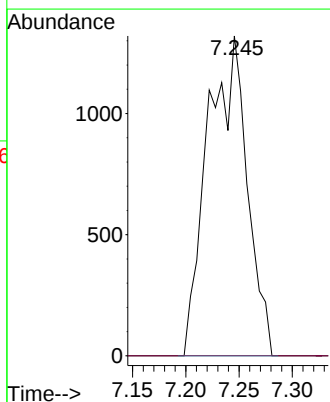
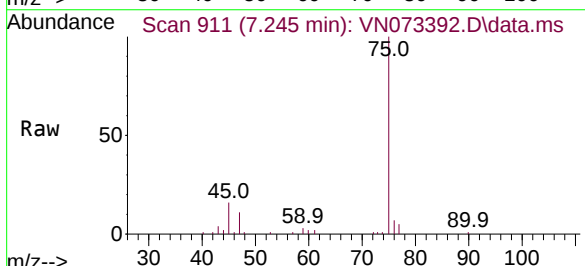
Instrument :
MSVOA_N
ClientSampleId :
FB-01-070722

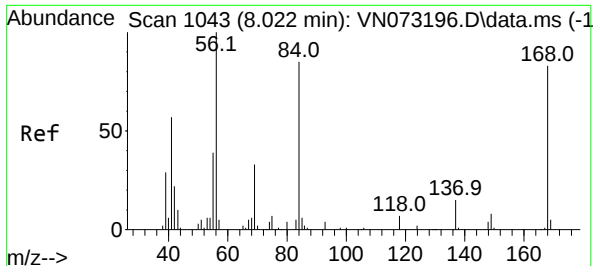
Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
72 17.5 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.506 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion: 77 Resp: 3411
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

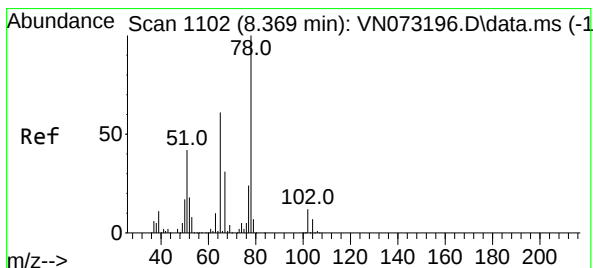
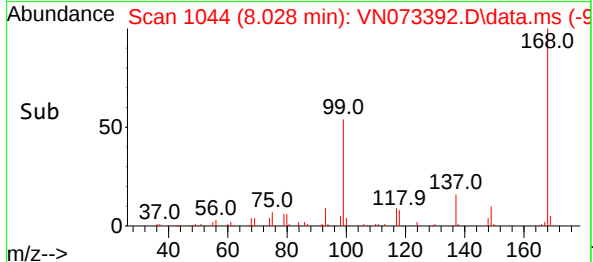
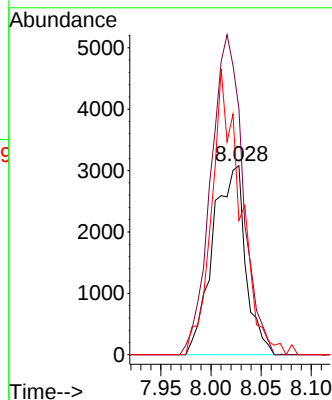
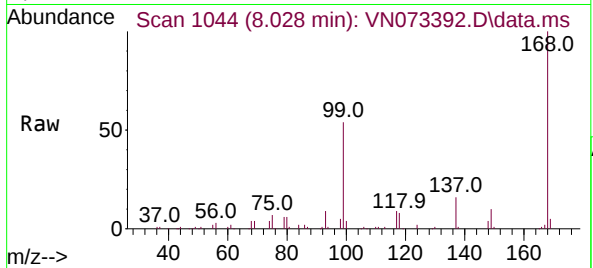




#31
Cyclohexane
Concen: 0.976 ug/l
RT: 8.028 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

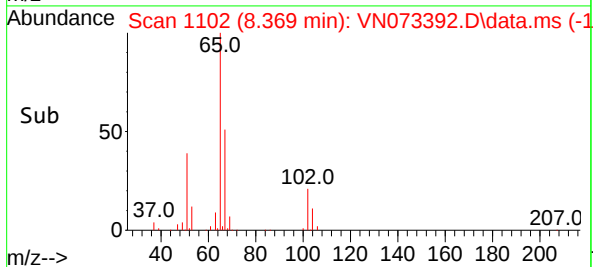
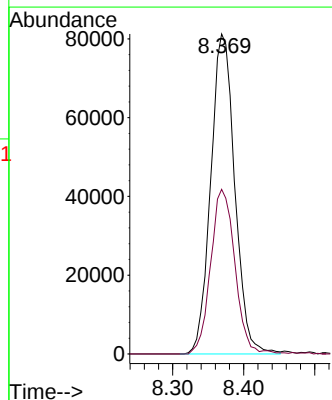
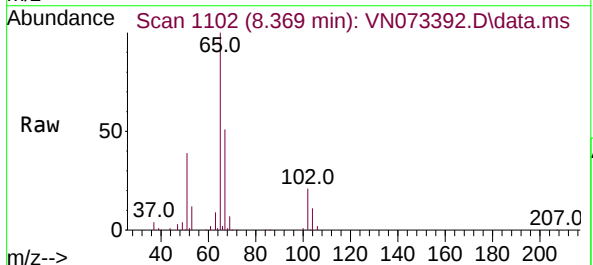
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ClientSampleId :
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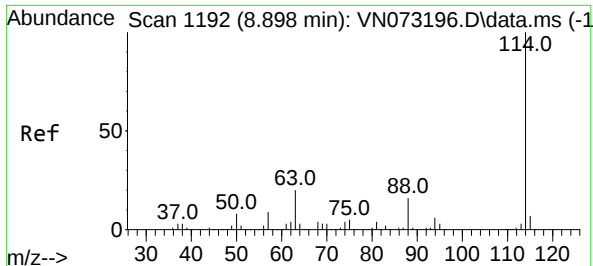
Tgt Ion: 56 Resp: 7021
Ion Ratio Lower Upper
56 100
69 130.1 27.8 41.8#
84 71.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.390 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion: 65 Resp: 190679
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073392.D

Acq: 08 Jul 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

FB-01-070722

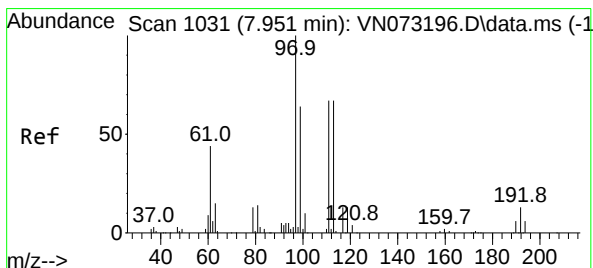
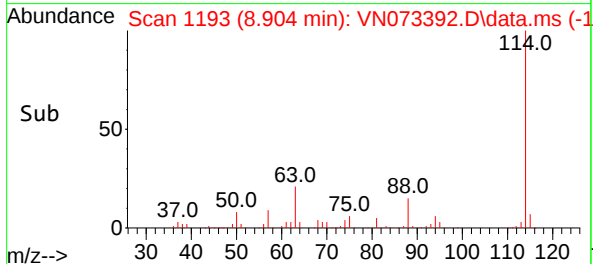
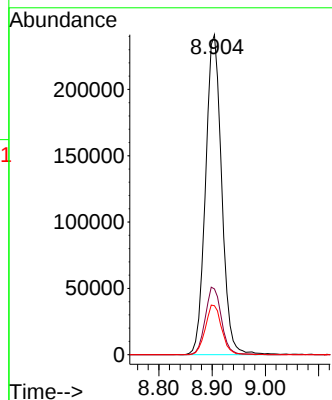
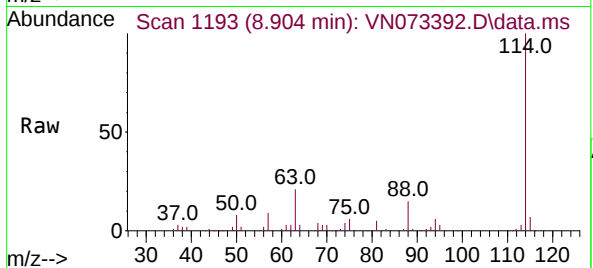
Tgt Ion:114 Resp: 506539

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.175 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073392.D

Acq: 08 Jul 2022 14:52

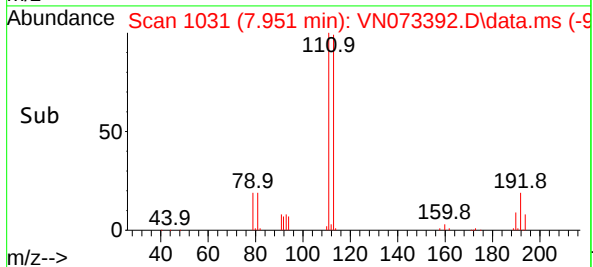
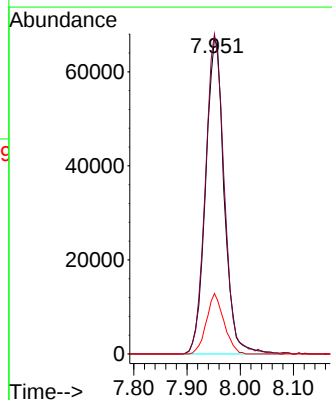
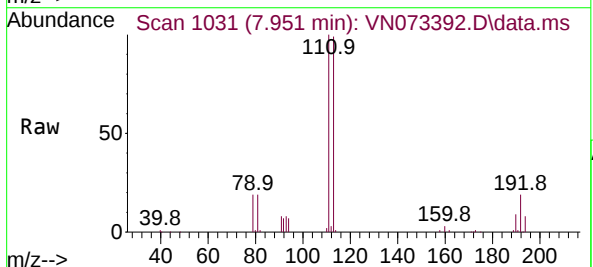
Tgt Ion:113 Resp: 162353

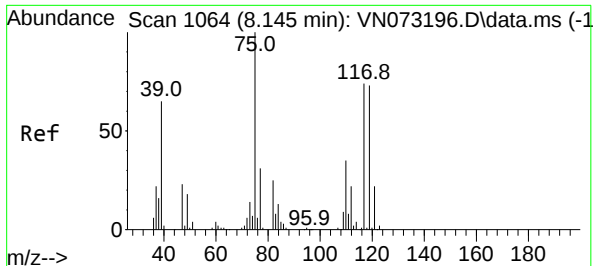
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.1 17.0 25.6

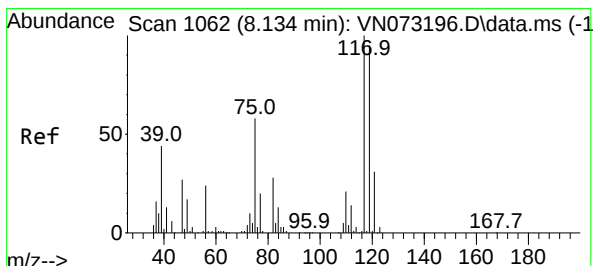
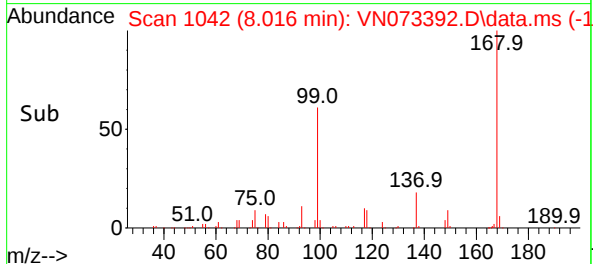
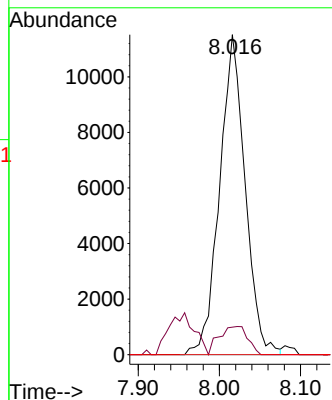
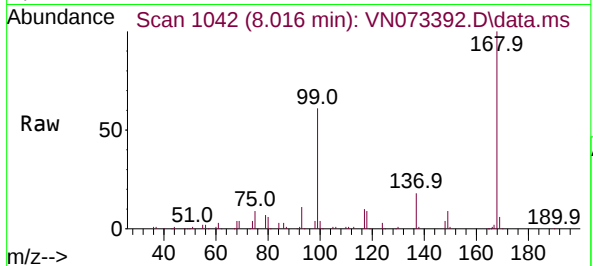




#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

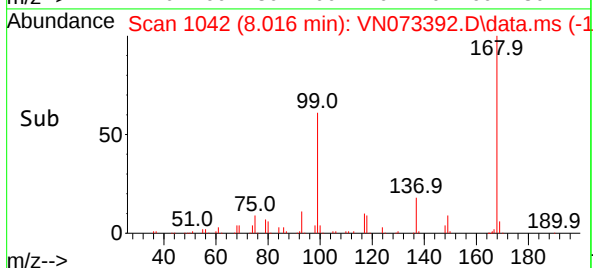
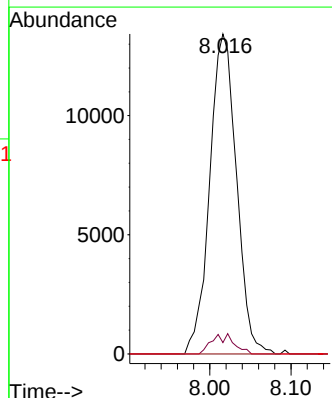
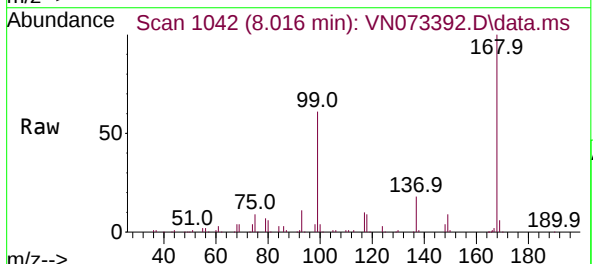
Instrument :
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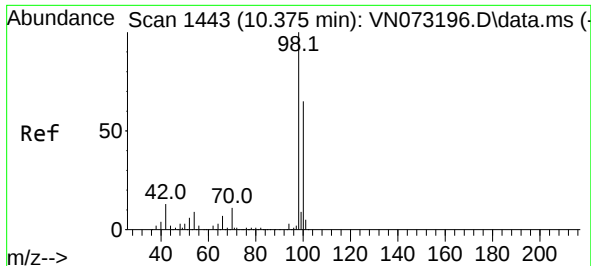
Tgt Ion: 75 Resp: 25171
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion: 117 Resp: 30766
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.8#
121 0.0 24.6 37.0#

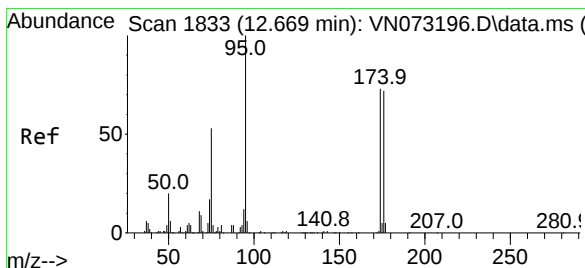
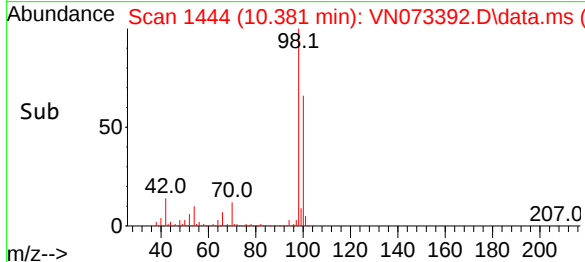
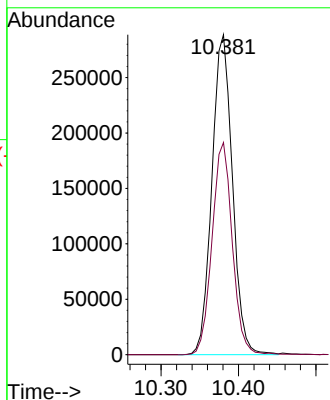
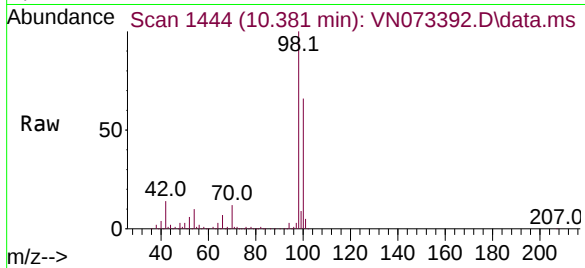




#50
Toluene-d8
Concen: 44.501 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

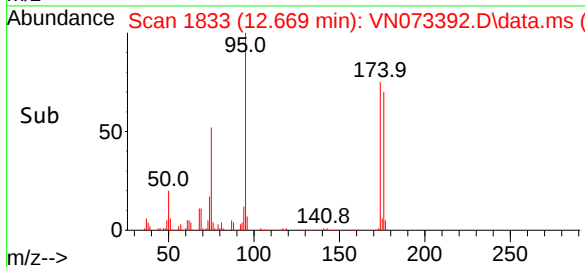
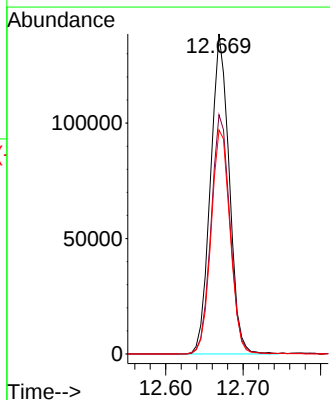
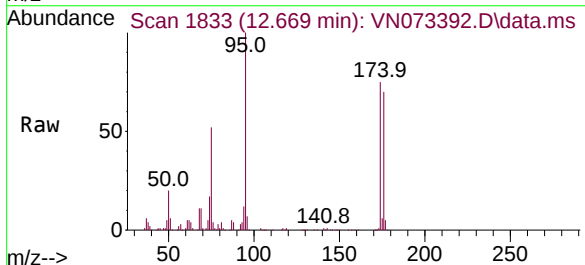
Instrument :
MSVOA_N
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FB-01-070722

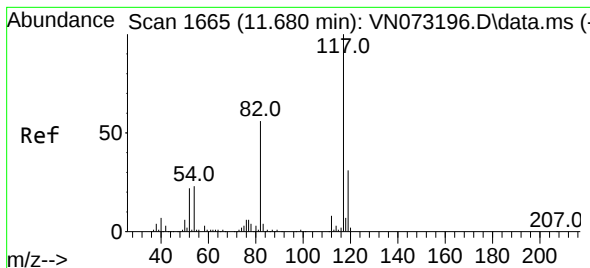
Tgt Ion: 98 Resp: 532652
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion: 95 Resp: 232810
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 71.4 0.0 163.4

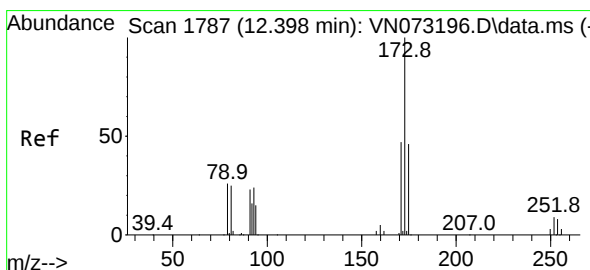
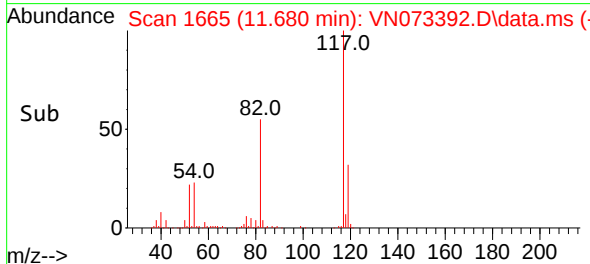
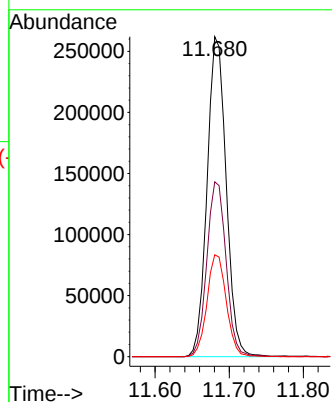
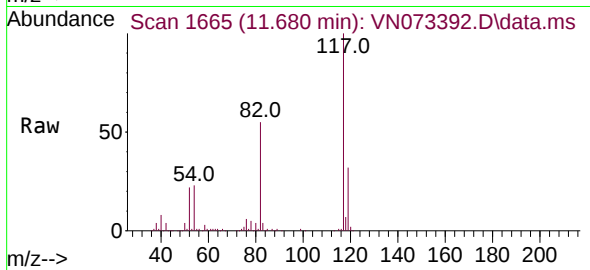




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

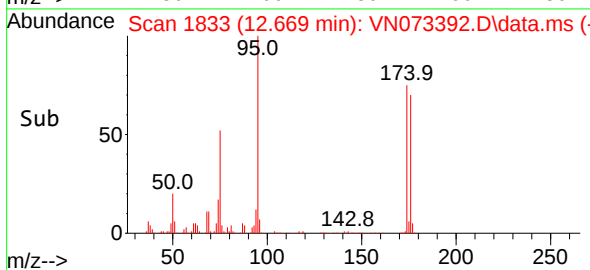
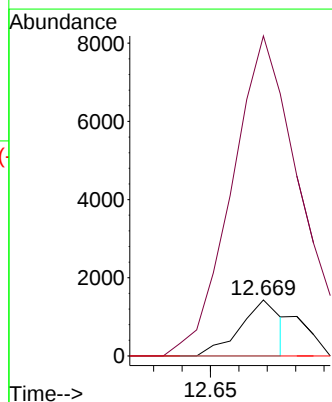
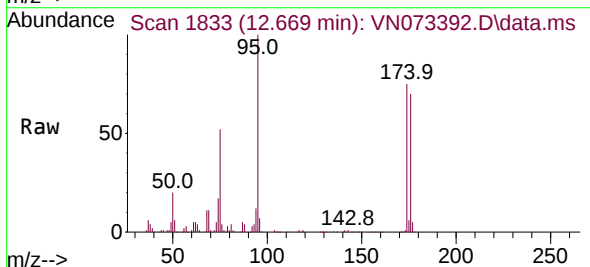
Instrument :
MSVOA_N
ClientSampleId :
FB-01-070722

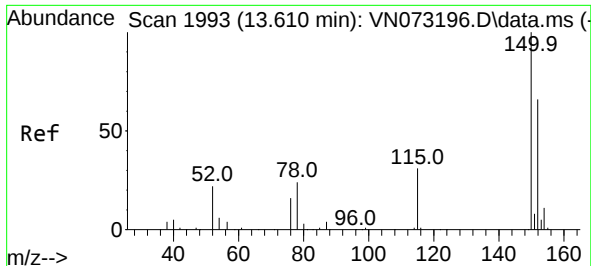
Tgt Ion:117 Resp: 469230
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.9 25.4 38.0



#71
Bromoform
Concen: 0.500 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073392.D
Acq: 08 Jul 2022 14:52

Tgt Ion:173 Resp: 1428
Ion Ratio Lower Upper
173 100
175 708.8 24.6 73.6#
254 0.0 0.1 0.1#

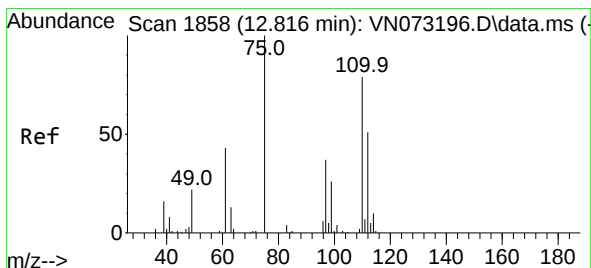
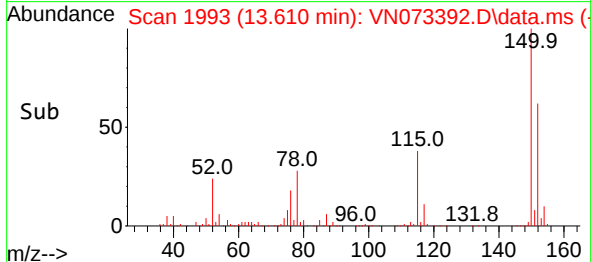
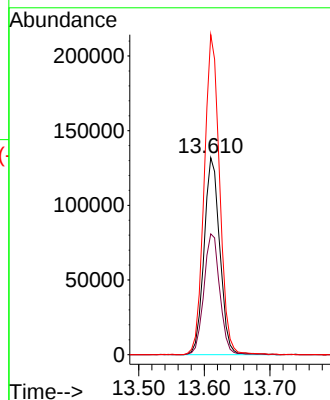
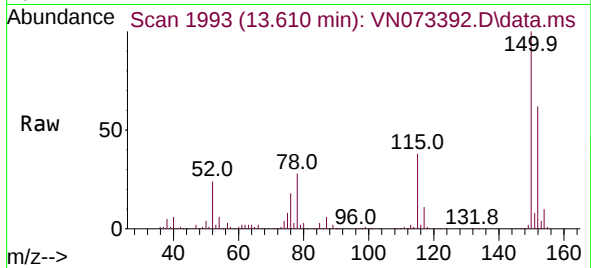




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073392.D
 Acq: 08 Jul 2022 14:52

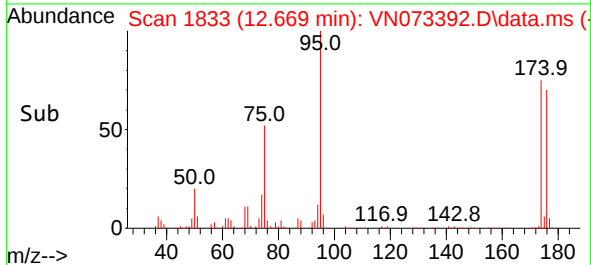
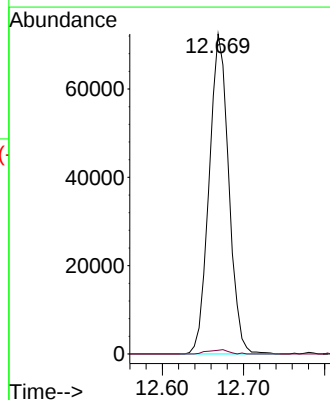
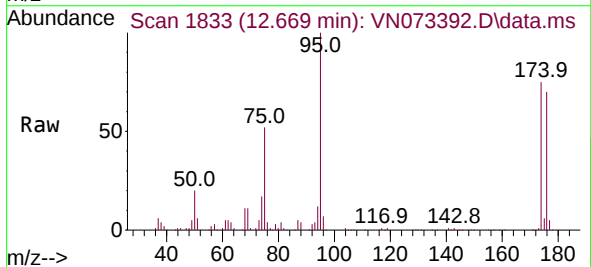
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-070722

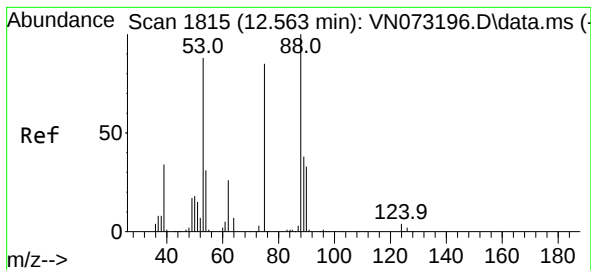
Tgt Ion:152 Resp: 220210
 Ion Ratio Lower Upper
 152 100
 115 62.0 28.9 86.7
 150 159.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.127 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073392.D
 Acq: 08 Jul 2022 14:52

Tgt Ion: 75 Resp: 121651
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.940 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073392.D
 Acq: 08 Jul 2022 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-070722

Tgt Ion: 75 Resp: 121651
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

