

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073227.D
 Acq On : 29 Jun 2022 03:31
 Operator : JC\MD
 Sample : N3376-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220615003-01-VOA

Quant Time: Jun 29 04:28:24 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)

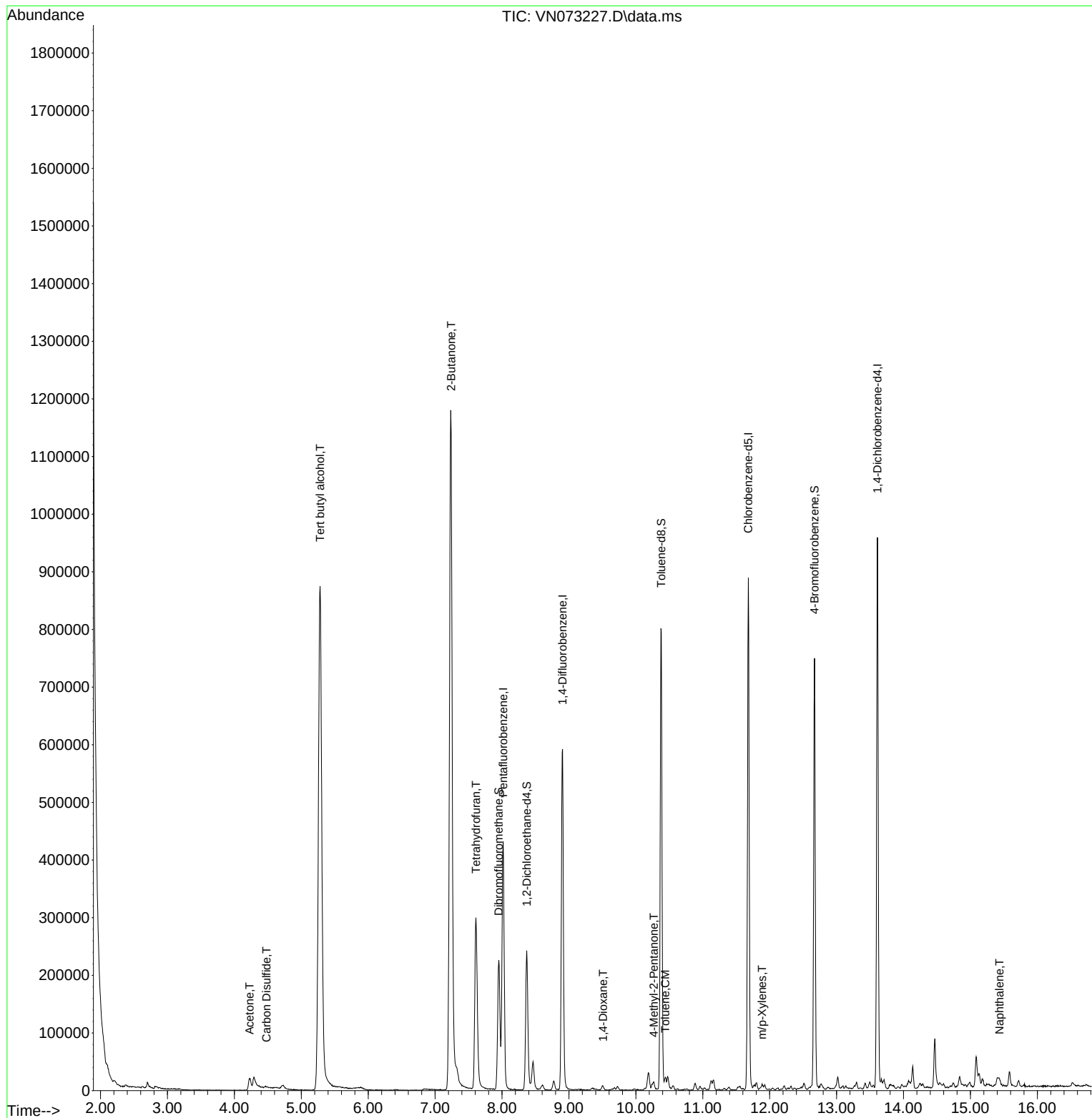
Internal Standards						
1) Pentafluorobenzene	8.016	168	324333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	529957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	504737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	252638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206003	43.998	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	7.951	113	171834	48.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.381	98	567362	45.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.620%
62) 4-Bromofluorobenzene	12.669	95	254901	52.967	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	1716039	1512.974	ug/l	100
16) Acetone	4.228	43	33223	12.641	ug/l	98
17) Carbon Disulfide	4.481	76	5030	0.508	ug/l	99
25) 2-Butanone	7.240	43	73040	17.456	ug/l #	68
29) Tetrahydrofuran	7.610	42	252545	88.146	ug/l	89
49) 1,4-Dioxane	9.510	88	4729	45.667	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	13162	1.762	ug/l #	72
52) Toluene	10.439	92	7158	0.692	ug/l	95
68) m/p-Xylenes	11.886	106	3315	0.424	ug/l	94
95) Naphthalene	15.433	128	10376	0.533	ug/l	96

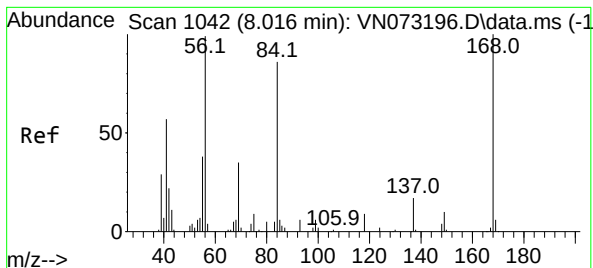
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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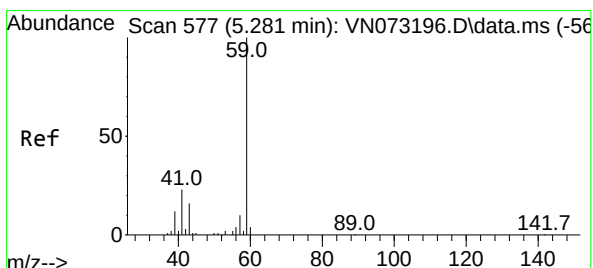
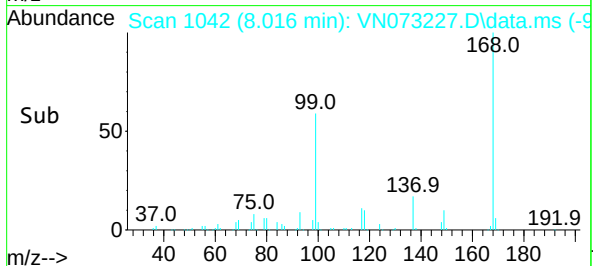
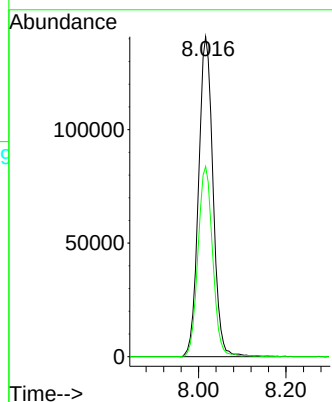
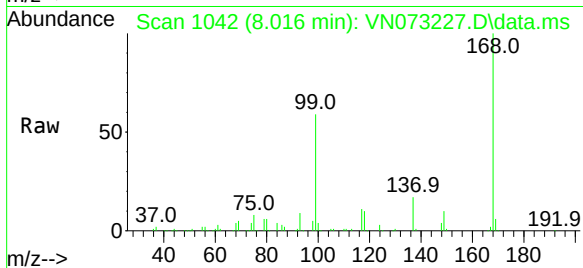




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

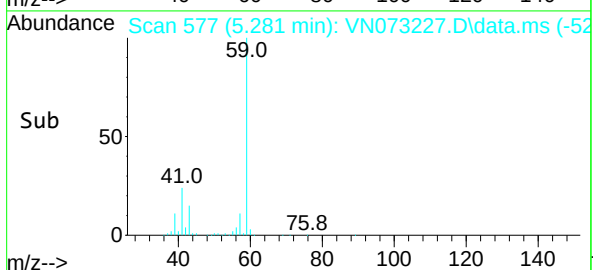
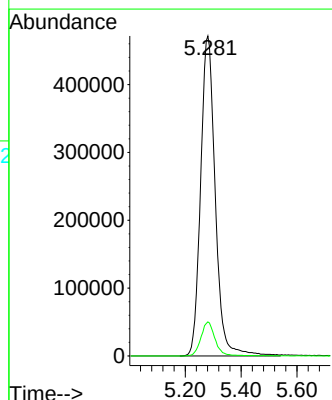
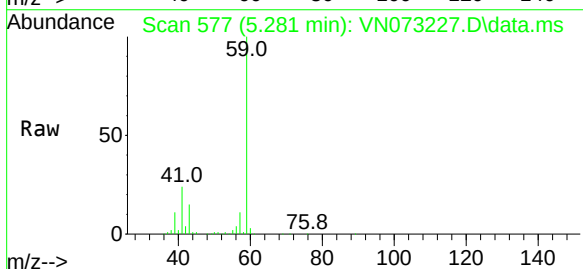
Instrument :
MSVOA_N
ClientSampleId :
220615003-01-VOA

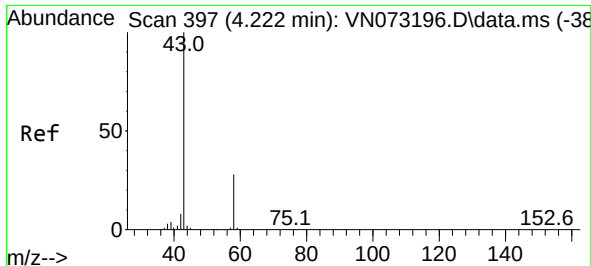
Tgt Ion:168 Resp: 324333
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#11
Tert butyl alcohol
Concen: 1512.974 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion: 59 Resp: 1716039
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

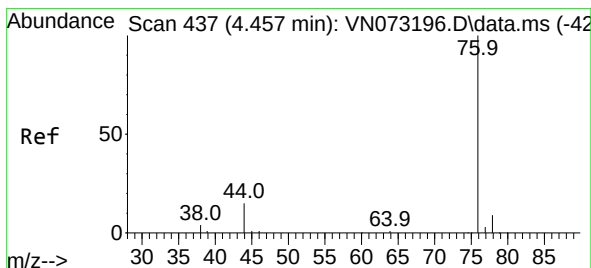
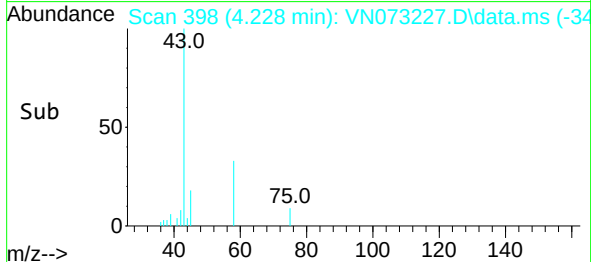
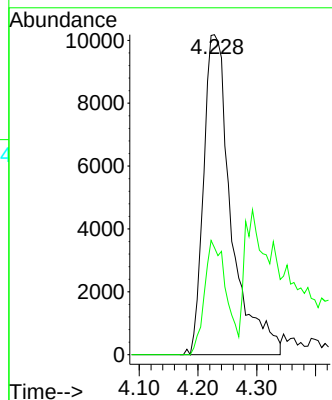
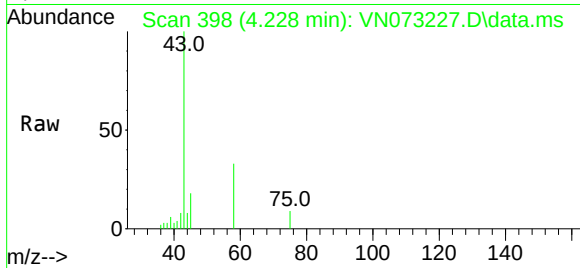




#16
Acetone
Concen: 12.641 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

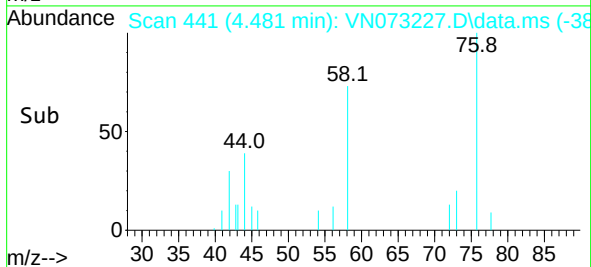
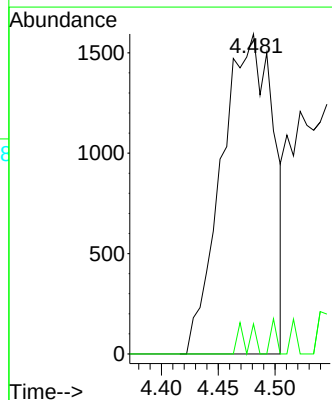
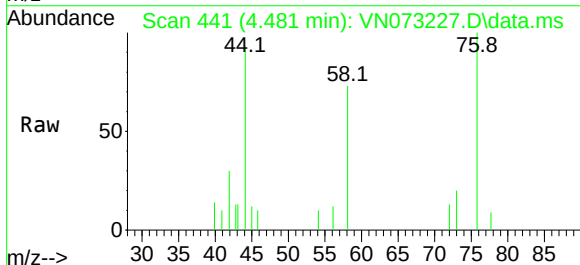
Instrument :
MSVOA_N
ClientSampleId :
220615003-01-VOA

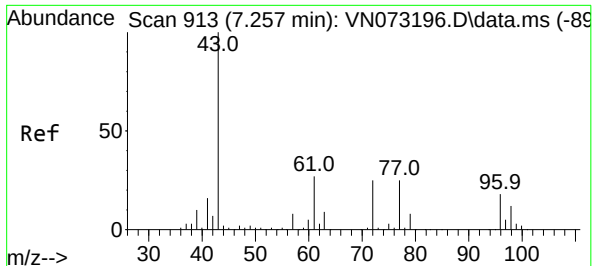
Tgt Ion: 43 Resp: 33223
Ion Ratio Lower Upper
43 100
58 33.4 26.0 39.0



#17
Carbon Disulfide
Concen: 0.508 ug/l
RT: 4.481 min Scan# 441
Delta R.T. 0.024 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion: 76 Resp: 5030
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

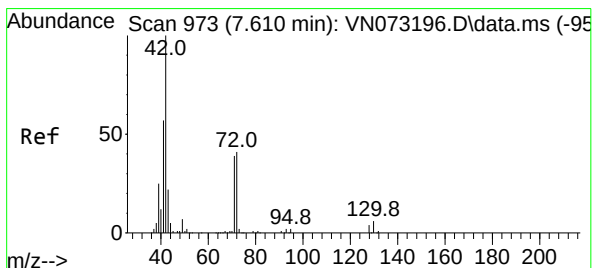
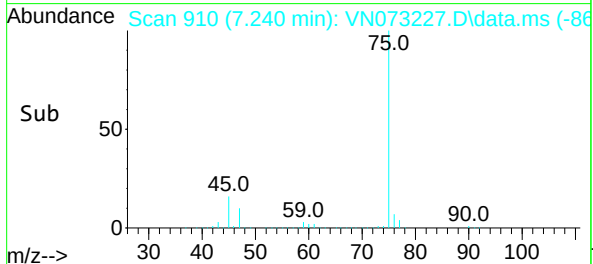
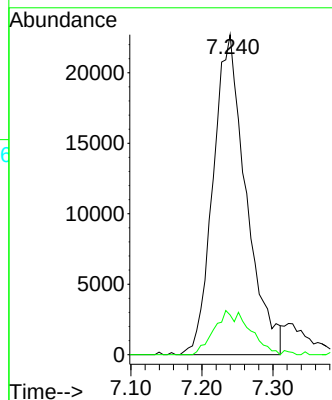
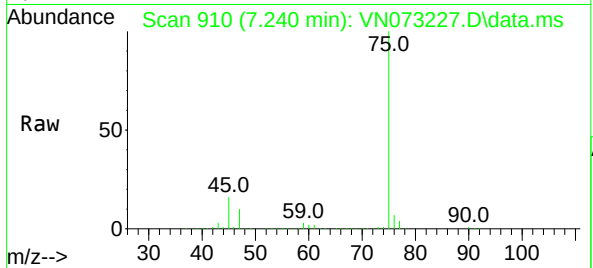




#25
2-Butanone
Concen: 17.456 ug/l
RT: 7.240 min Scan# 913
Delta R.T. -0.017 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

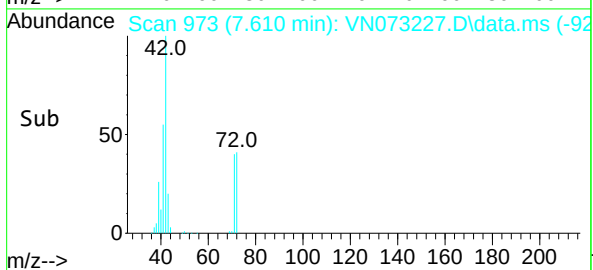
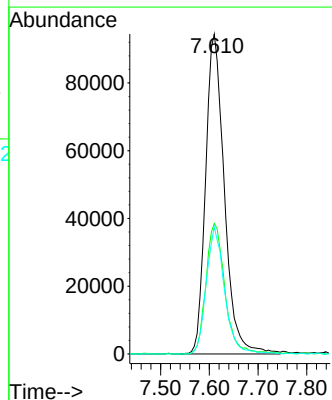
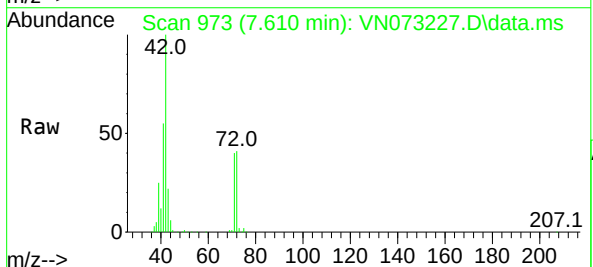
Instrument :
MSVOA_N
ClientSampleId :
220615003-01-VOA

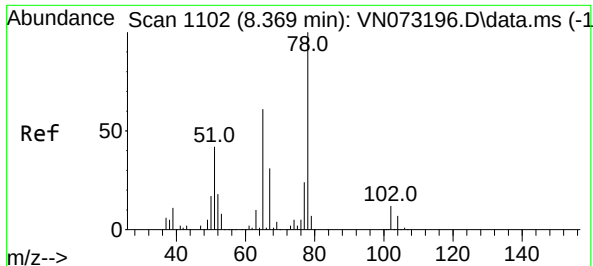
Tgt Ion: 43 Resp: 73040
Ion Ratio Lower Upper
43 100
72 12.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 88.146 ug/l
RT: 7.610 min Scan# 973
Delta R.T. 0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion: 42 Resp: 252545
Ion Ratio Lower Upper
42 100
72 41.4 39.7 59.5
71 38.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 43.998 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073227.D

Acq: 29 Jun 2022 03:31

Instrument :

MSVOA_N

ClientSampleId :

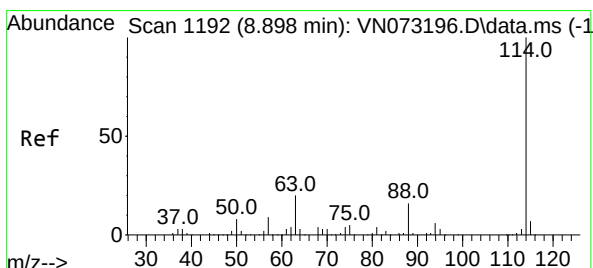
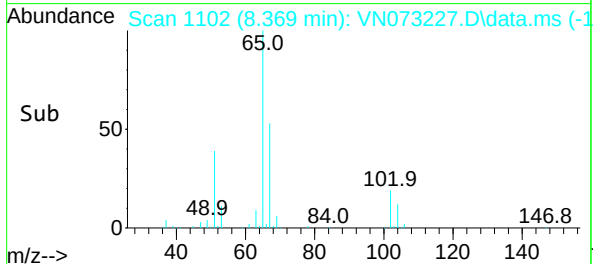
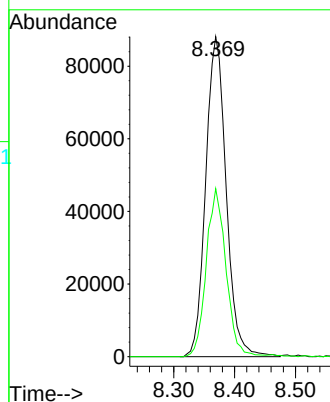
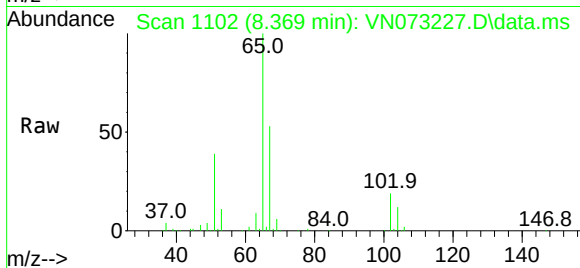
220615003-01-VOA

Tgt Ion: 65 Resp: 206003

Ion Ratio Lower Upper

65 100

67 50.5 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: VN073227.D

Acq: 29 Jun 2022 03:31

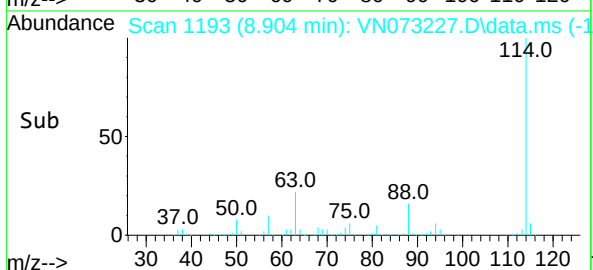
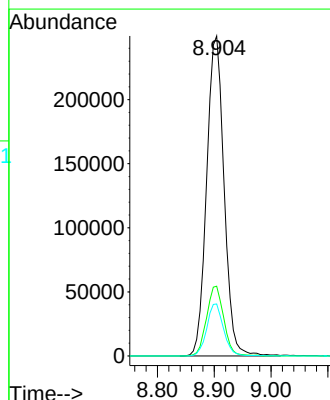
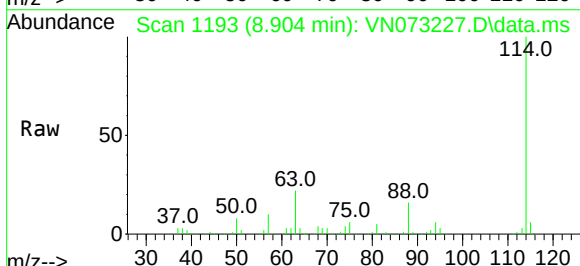
Tgt Ion: 114 Resp: 529957

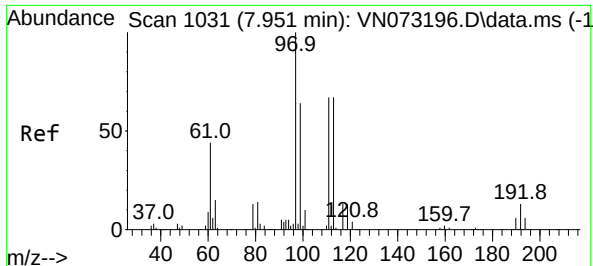
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 16.2 0.0 32.6

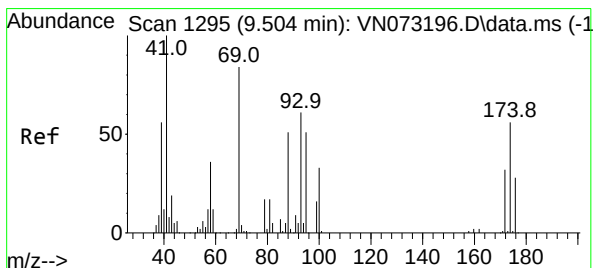
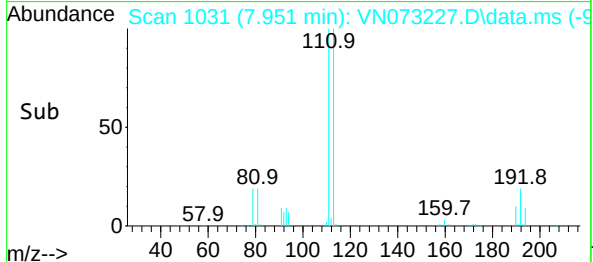
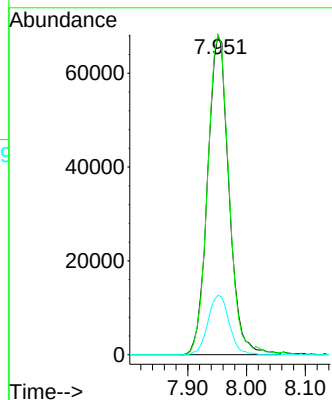
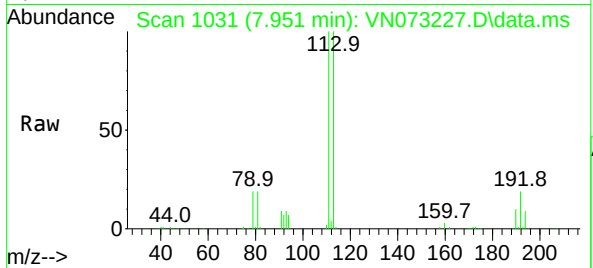




#35
Dibromofluoromethane
Concen: 48.735 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

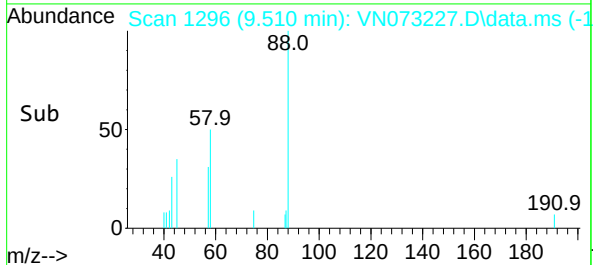
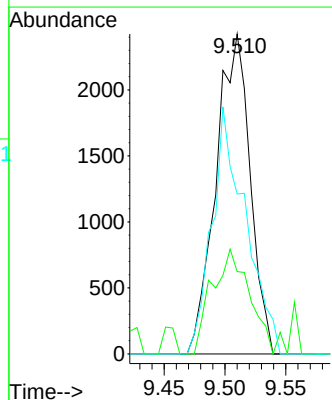
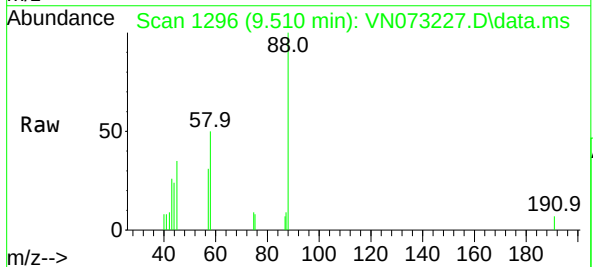
Instrument :
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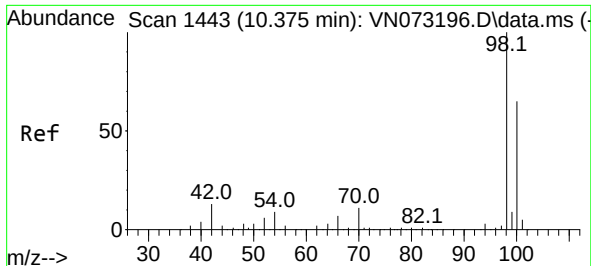
Tgt Ion:113 Resp: 171834
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 18.5 17.0 25.6



#49
1,4-Dioxane
Concen: 45.667 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion: 88 Resp: 4729
Ion Ratio Lower Upper
88 100
43 35.9 20.2 30.4#
58 76.0 54.2 81.4

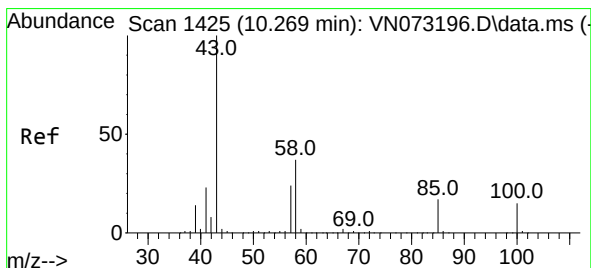
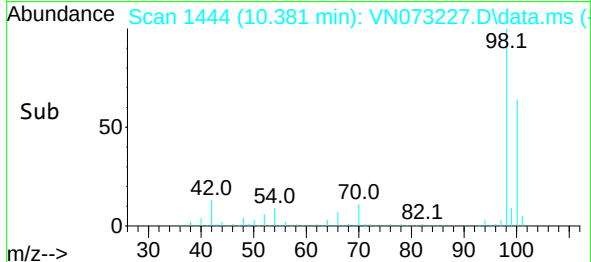
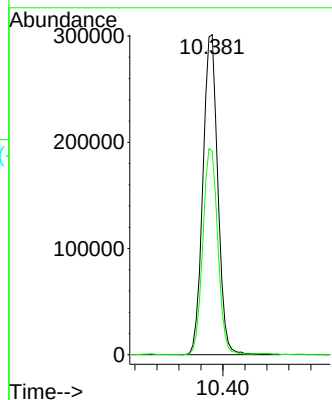
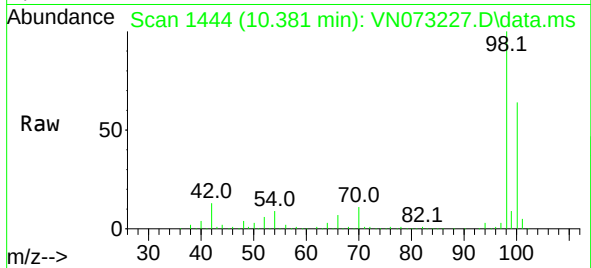




#50
Toluene-d8
Concen: 45.307 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

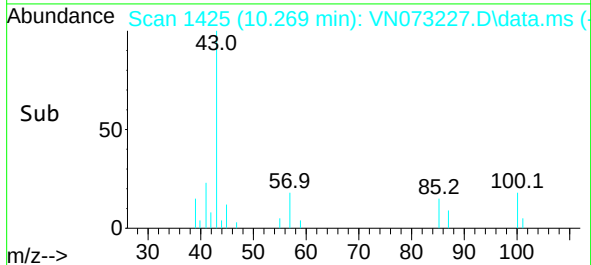
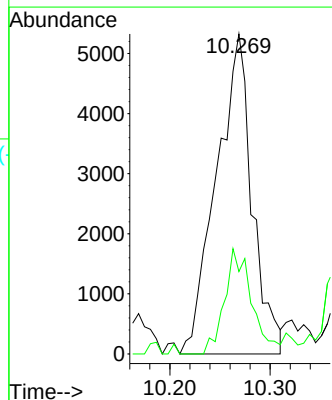
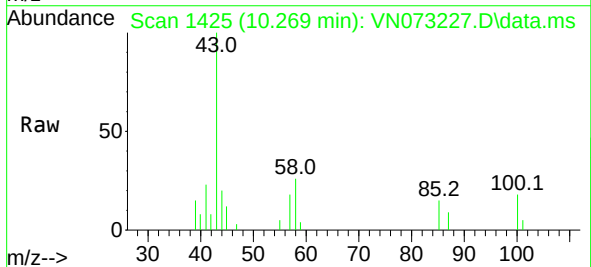
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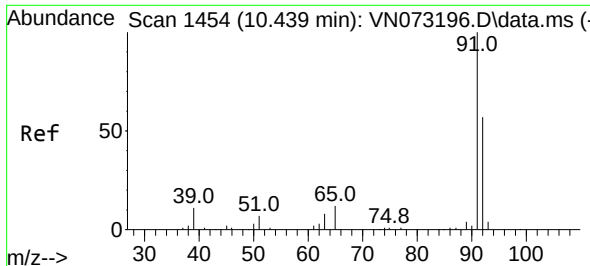
Tgt Ion: 98 Resp: 567362
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.762 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion: 43 Resp: 13162
Ion Ratio Lower Upper
43 100
58 25.0 34.1 51.1#

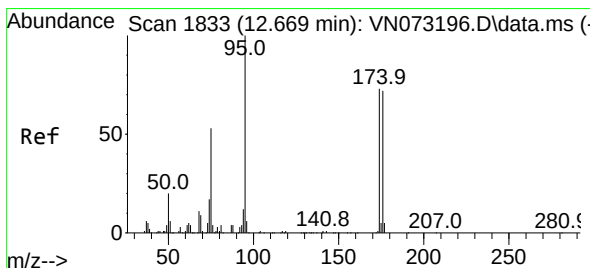
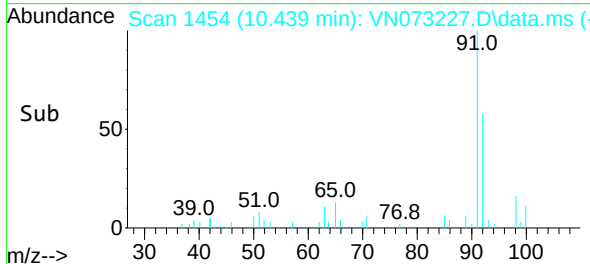
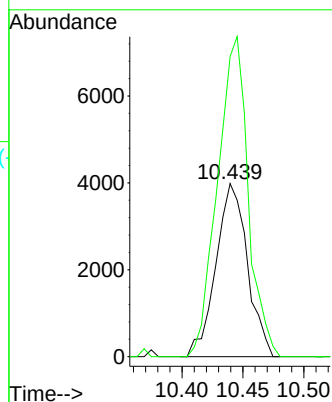
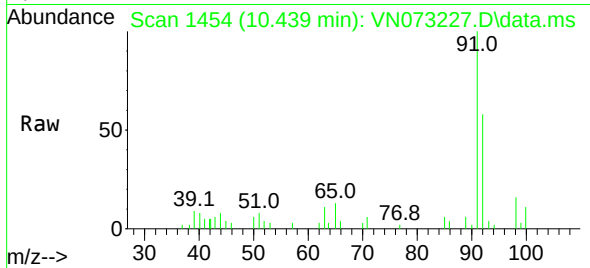




#52
Toluene
Concen: 0.692 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

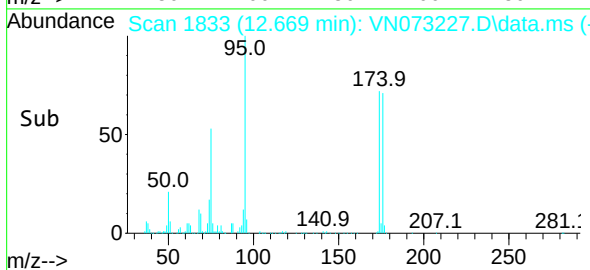
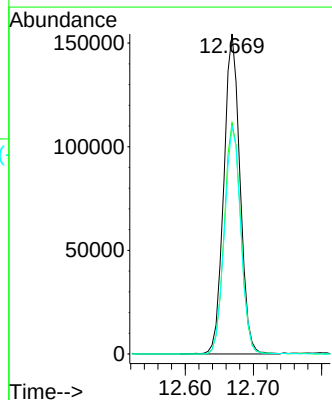
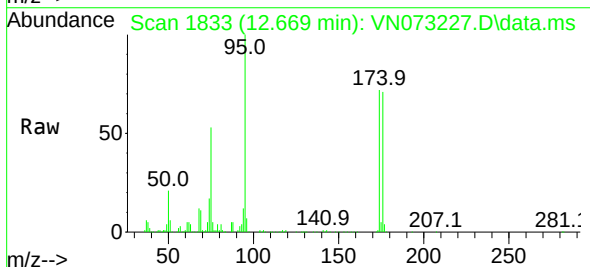
Instrument :
MSVOA_N
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220615003-01-VOA

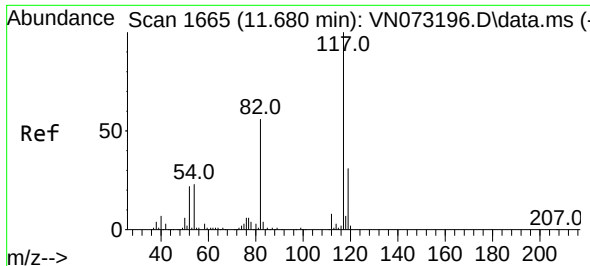
Tgt Ion: 92 Resp: 7158
Ion Ratio Lower Upper
92 100
91 180.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.967 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion: 95 Resp: 254901
Ion Ratio Lower Upper
95 100
174 73.5 0.0 167.6
176 71.9 0.0 163.4

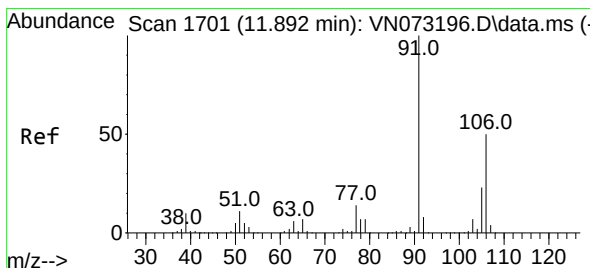
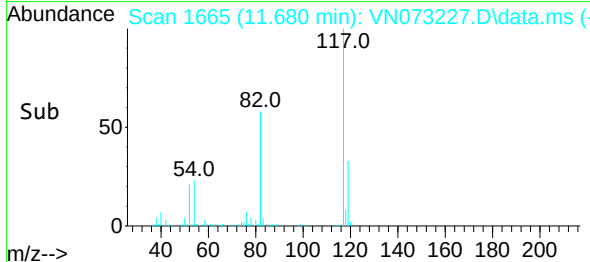
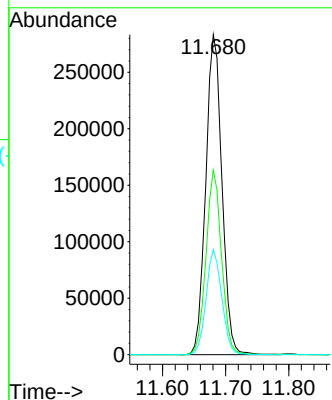
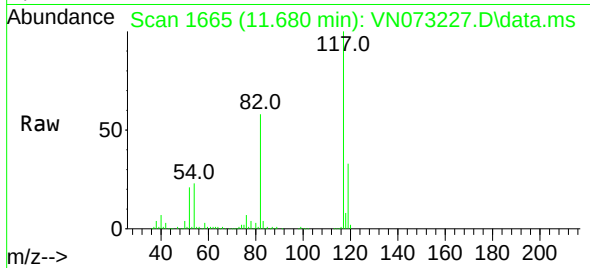




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

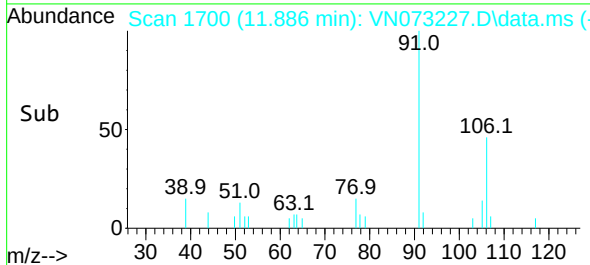
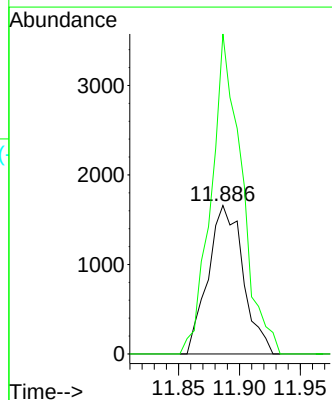
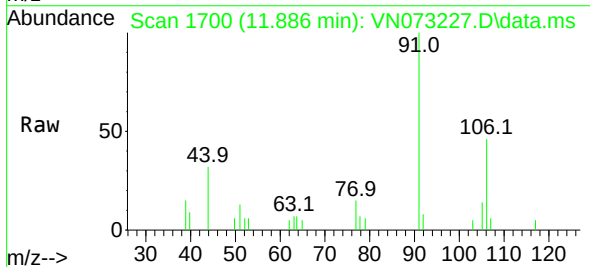
Instrument :
MSVOA_N
ClientSampleId :
220615003-01-VOA

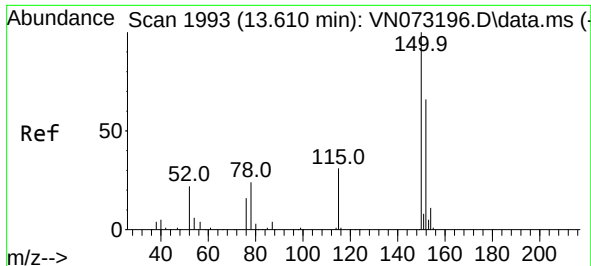
Tgt Ion:117 Resp: 504737
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 0.424 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion:106 Resp: 3315
Ion Ratio Lower Upper
106 100
91 188.9 158.9 238.3

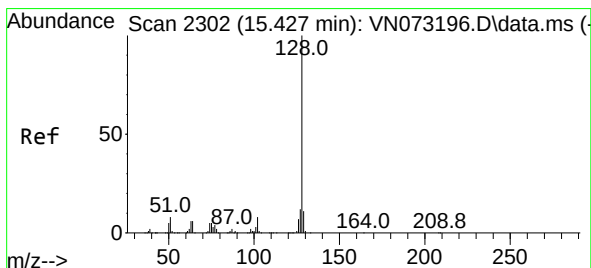
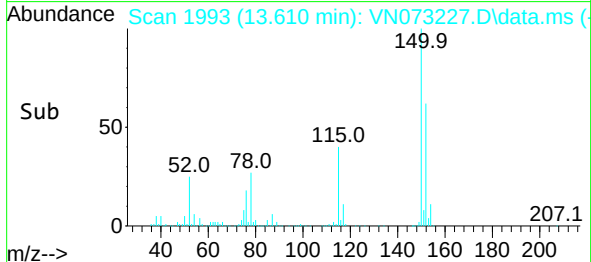
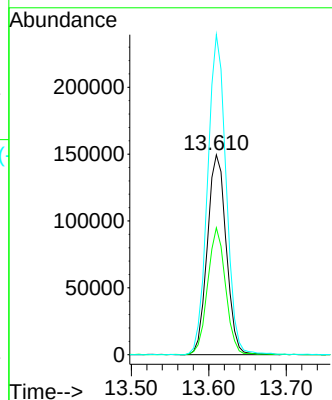
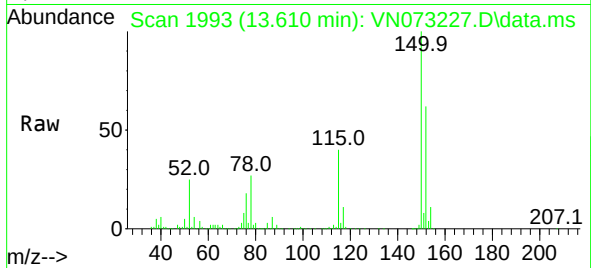




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Instrument :
MSVOA_N
ClientSampleId :
220615003-01-VOA

Tgt Ion:152 Resp: 252638
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 157.2 0.0 356.2



#95
Naphthalene
Concen: 0.533 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073227.D
Acq: 29 Jun 2022 03:31

Tgt Ion:128 Resp: 10376
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 11.4 8.6 13.0

