

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073513.D
 Acq On : 19 Jul 2022 13:50
 Operator : JC\MD
 Sample : VN0719WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBL01

Quant Time: Jul 20 06:24:18 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)

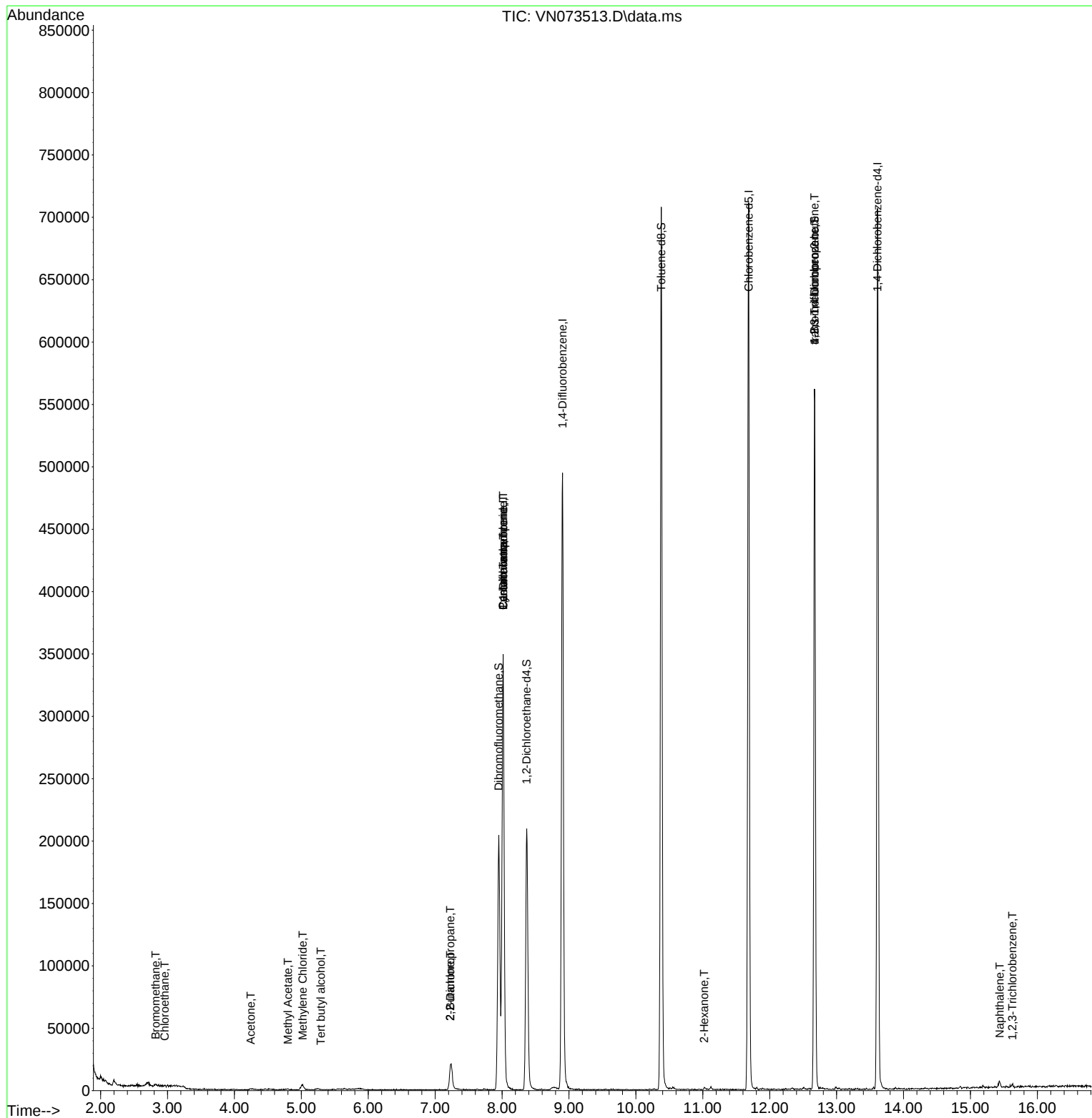
Internal Standards						
1) Pentafluorobenzene	8.016	168	252086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	428400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	395375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	173075	47.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.120%		
35) Dibromofluoromethane	7.951	113	146085	51.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.500%		
50) Toluene-d8	10.380	98	469558	46.385	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.669	95	193588	49.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds						Qvalue
5) Bromomethane	2.822	94	371	0.258	ug/l	82
6) Chloroethane	2.957	64	499	0.279	ug/l #	42
11) Tert butyl alcohol	5.293	59	185	0.210	ug/l #	72
16) Acetone	4.246	43	1740	0.852	ug/l #	42
18) Methyl Acetate	4.798	43	1299	0.227	ug/l #	48
20) Methylene Chloride	5.022	84	1364	0.380	ug/l #	93
25) 2-Butanone	7.228	43	891	0.274	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	1726	0.309	ug/l #	53
31) Cyclohexane	8.016	56	5962	1.000	ug/l #	30
36) 1,1-Dichloropropene	8.016	75	22022	5.021	ug/l #	48
38) Carbon Tetrachloride	8.016	117	25866	5.703	ug/l #	17
59) 2-Hexanone	11.022	43	1501	0.326	ug/l	70
76) 1,2,3-Trichloropropane	12.669	75	100720	20.378	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	100720	55.887	ug/l #	10
95) Naphthalene	15.439	128	5289	0.363	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.627	180	779	0.209	ug/l	82

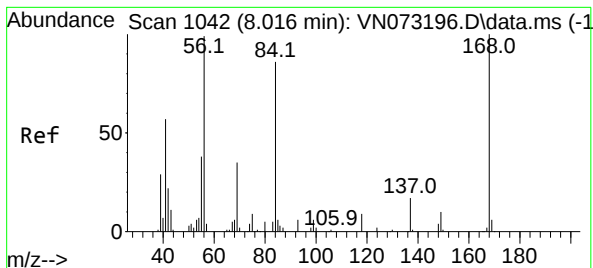
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 06:24:18 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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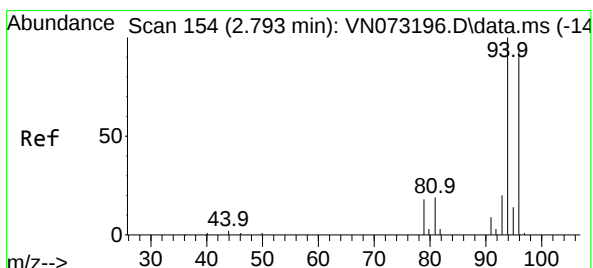
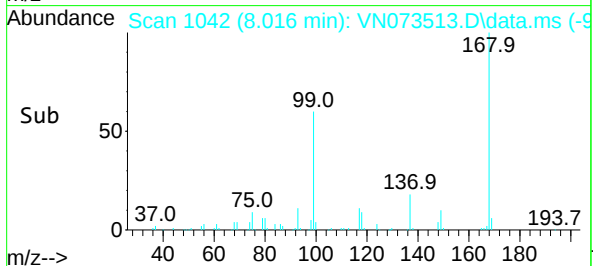
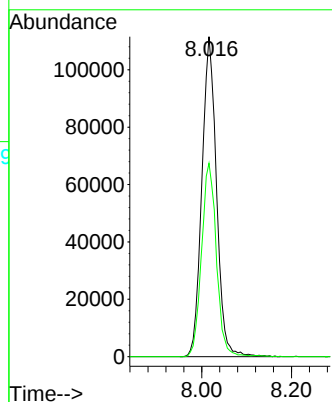
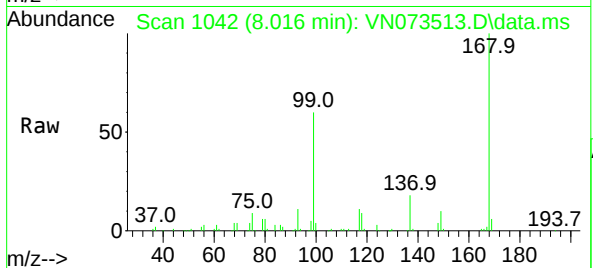




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

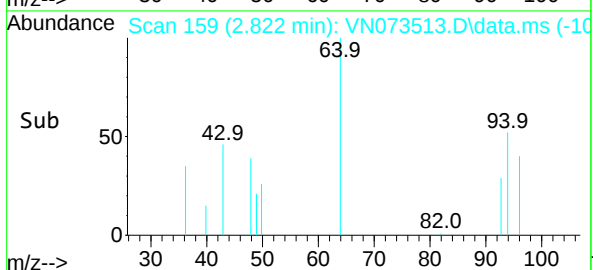
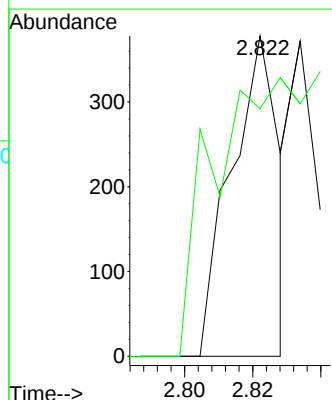
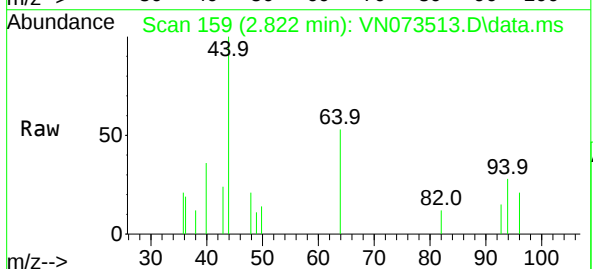
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

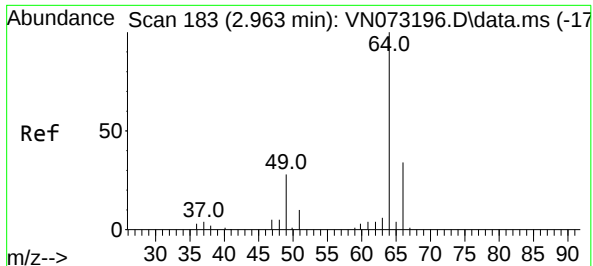
Tgt Ion:168 Resp: 252086
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#5
Bromomethane
Concen: 0.258 ug/l
RT: 2.822 min Scan# 159
Delta R.T. 0.029 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 94 Resp: 371
Ion Ratio Lower Upper
94 100
96 77.2 76.0 114.0

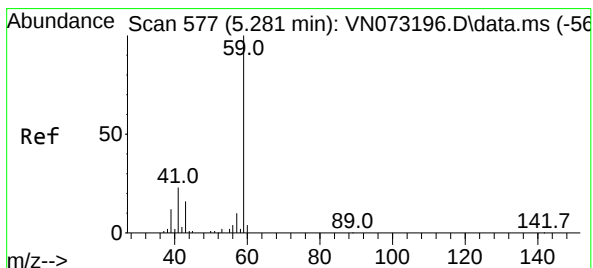
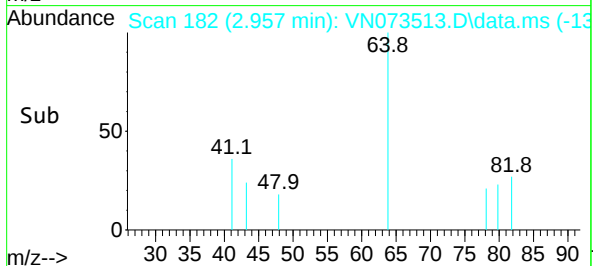
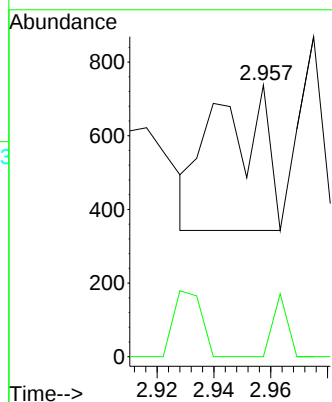
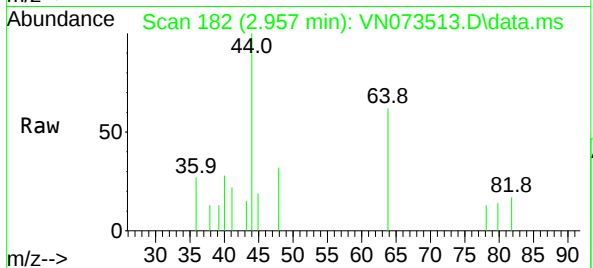




#6
Chloroethane
Concen: 0.279 ug/l
RT: 2.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

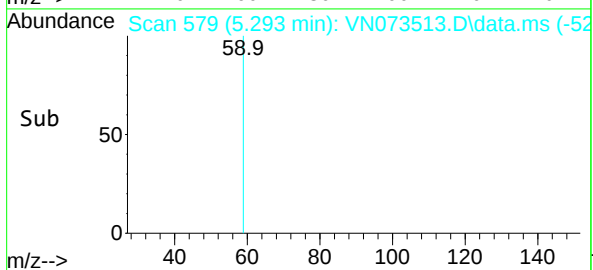
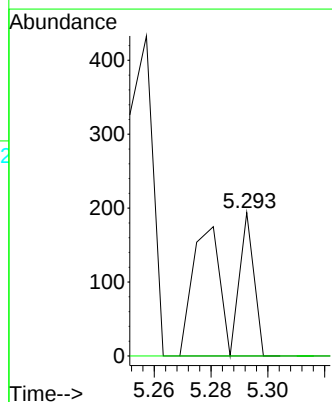
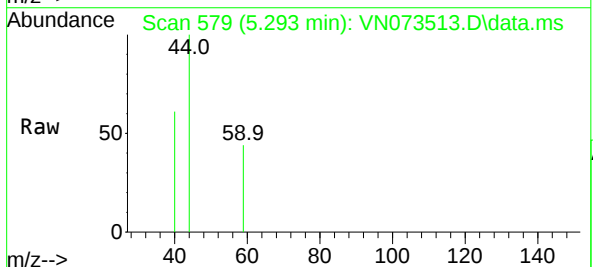
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

Tgt Ion: 64 Resp: 499
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.210 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.012 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 59 Resp: 185
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

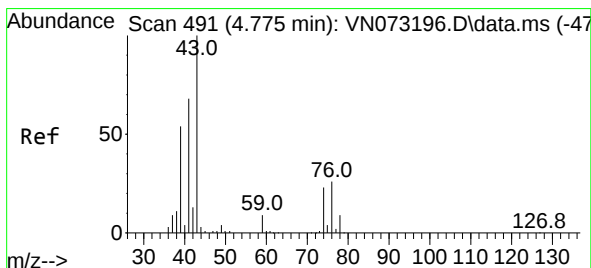
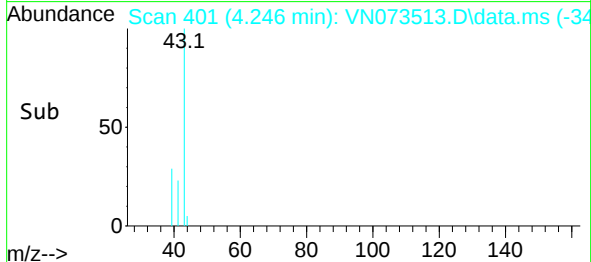
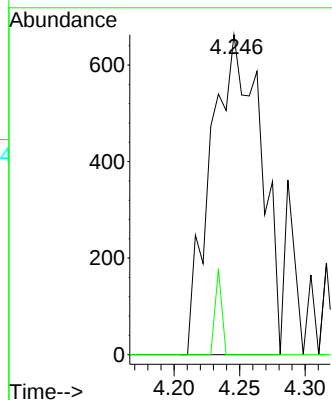
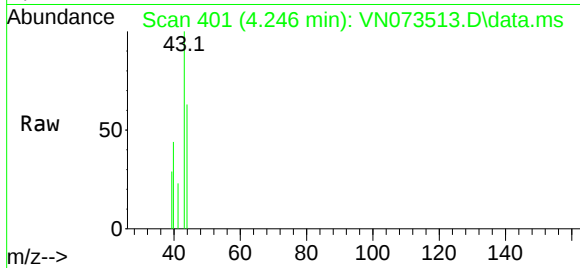




#16
Acetone
Concen: 0.852 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

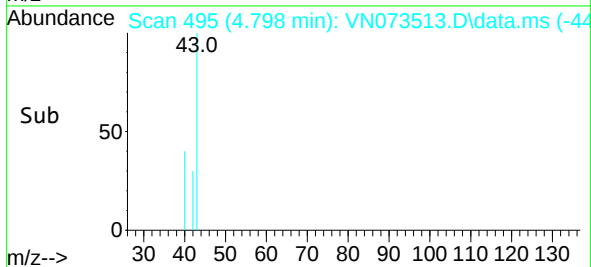
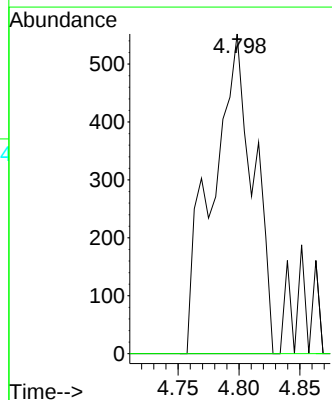
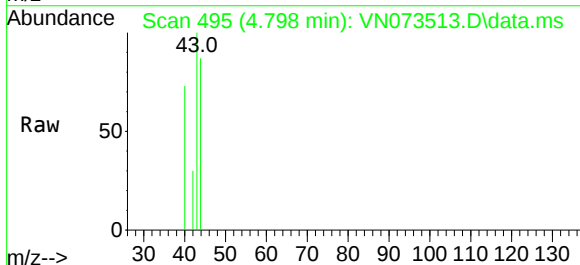
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

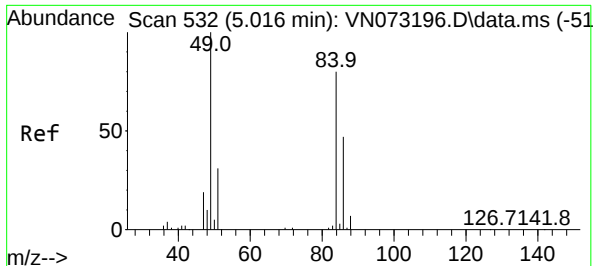
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.227 ug/l
RT: 4.798 min Scan# 495
Delta R.T. 0.023 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

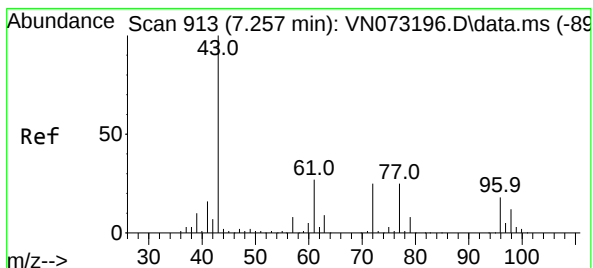
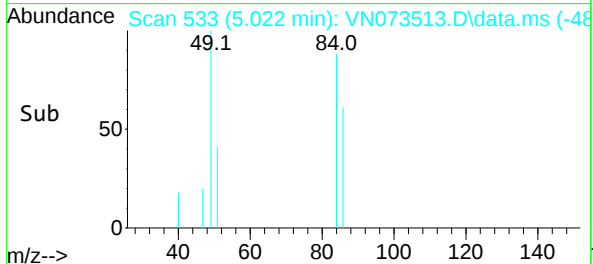
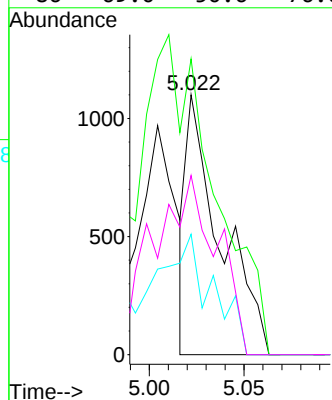
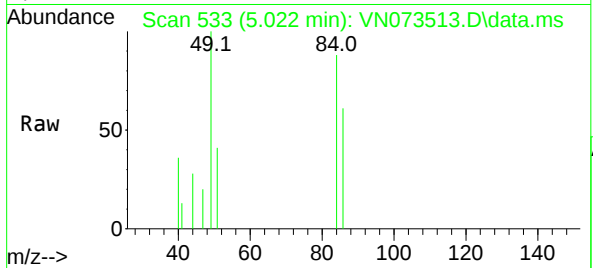




#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

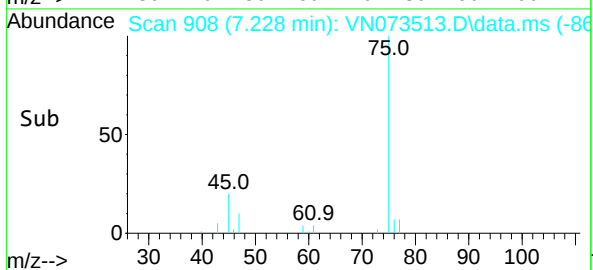
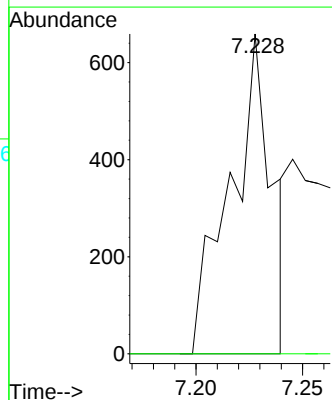
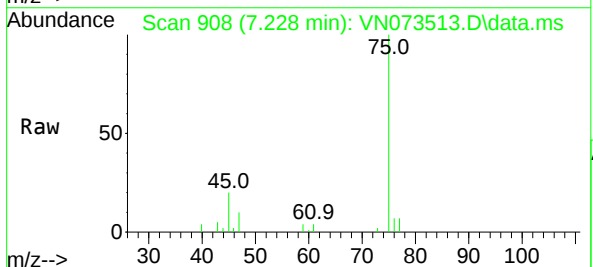
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

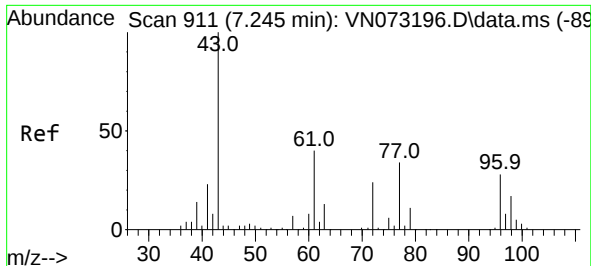
Tgt Ion:	84	Resp:	1364
Ion	Ratio	Lower	Upper
84	100		
49	113.9	88.3	132.5
51	46.4	28.2	42.2#
86	69.0	50.6	76.0



#25
2-Butanone
Concen: 0.274 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.029 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion:	43	Resp:	891
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

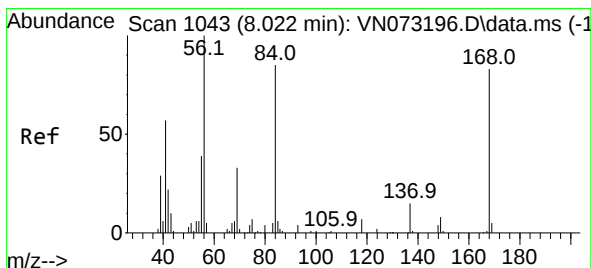
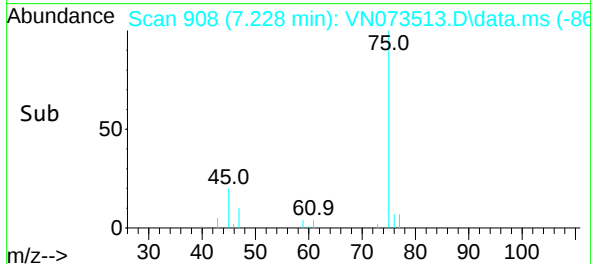
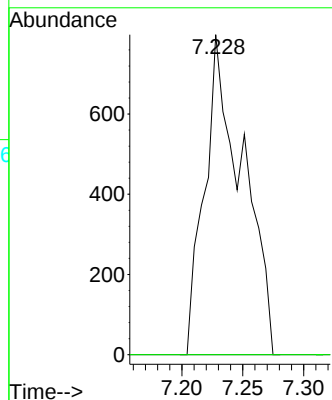
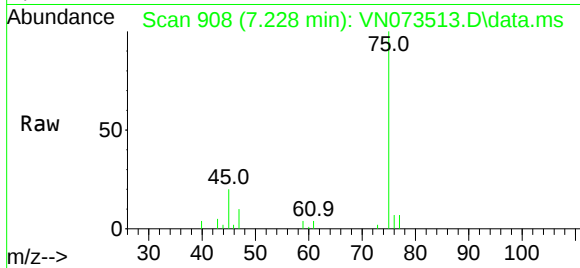




#26
2,2-Dichloropropane
Concen: 0.309 ug/l
RT: 7.228 min Scan# 90
Delta R.T. -0.017 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

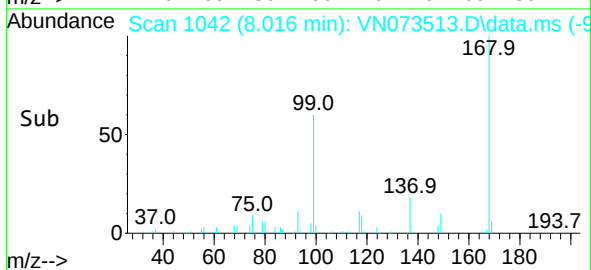
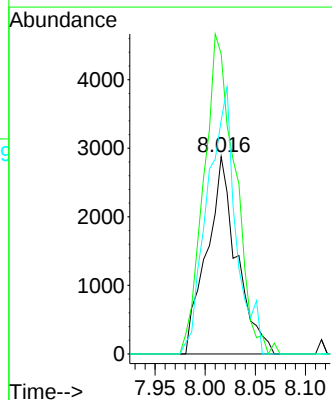
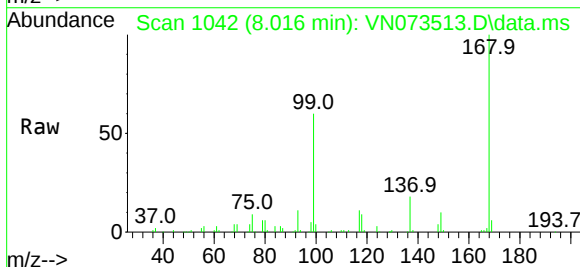
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

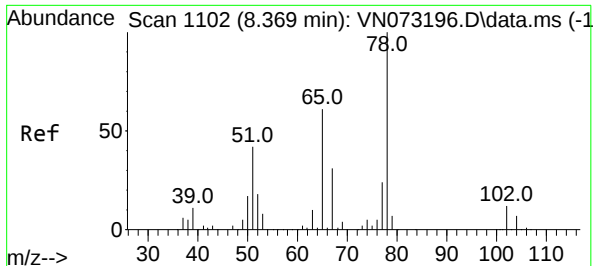
Tgt Ion: 77 Resp: 1726
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 56 Resp: 5962
Ion Ratio Lower Upper
56 100
69 152.0 27.8 41.8#
84 118.2 76.9 115.3#

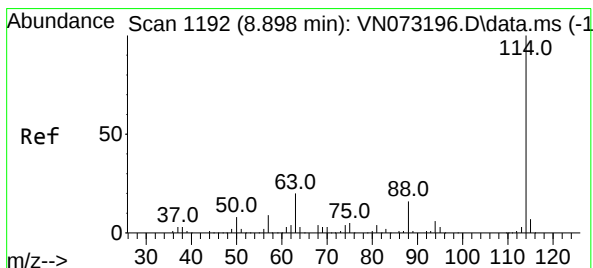
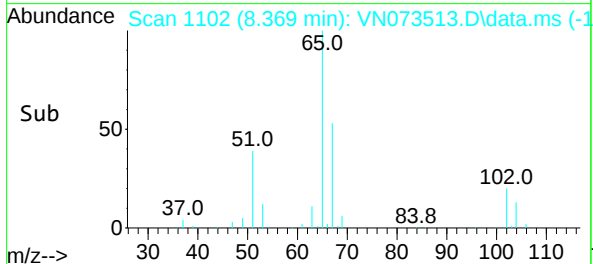
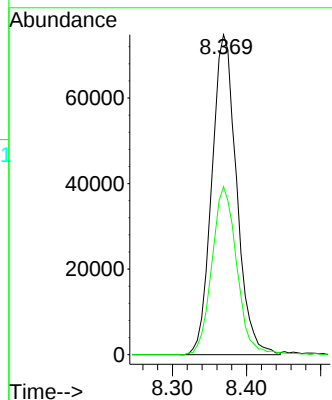
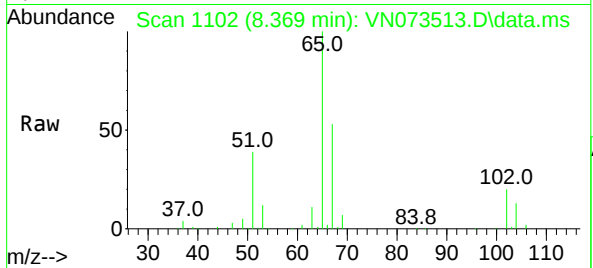




#33
 1,2-Dichloroethane-d4
 Concen: 47.559 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073513.D
 Acq: 19 Jul 2022 13:50

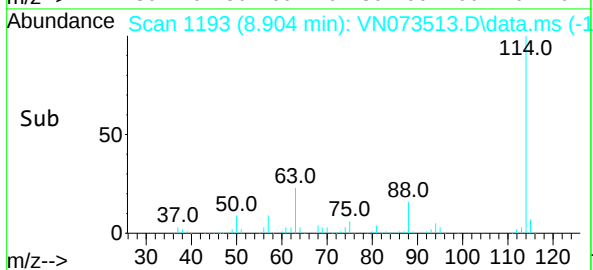
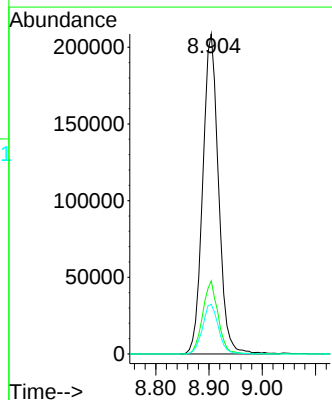
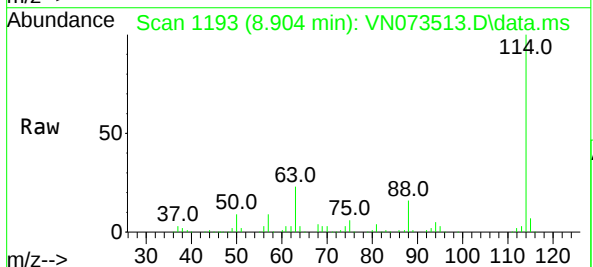
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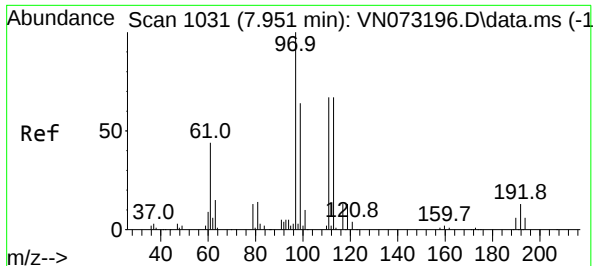
Tgt Ion: 65 Resp: 173075
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073513.D
 Acq: 19 Jul 2022 13:50

Tgt Ion: 114 Resp: 428400
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 40.0
 88 15.5 0.0 32.6

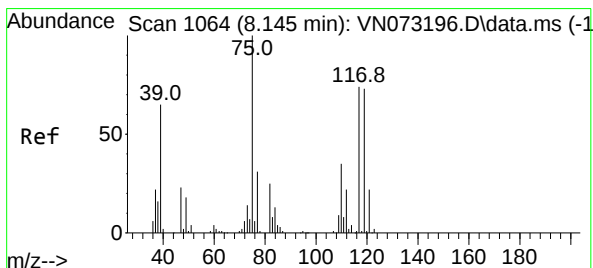
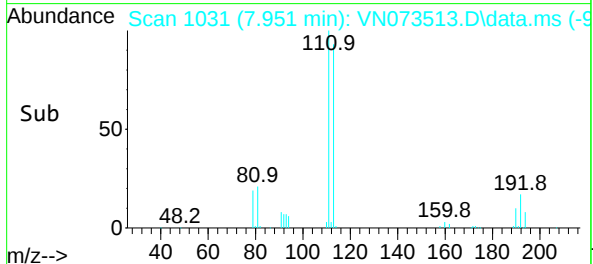
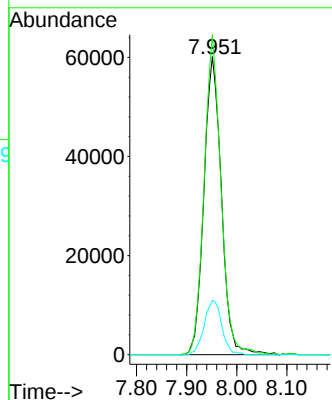
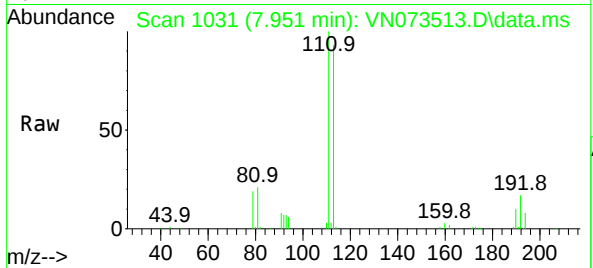




#35
Dibromofluoromethane
Concen: 51.254 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

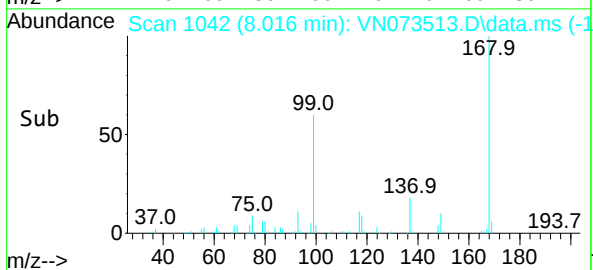
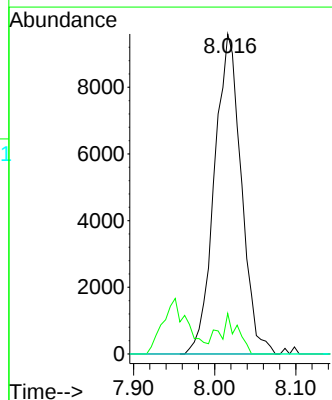
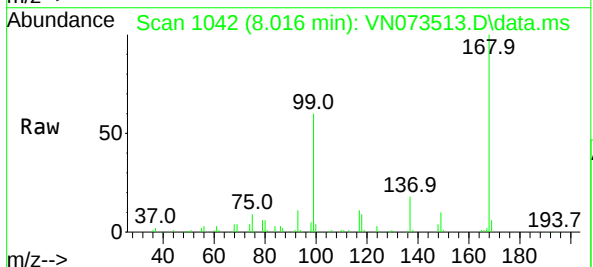
Instrument :
MSVOA_N
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VN0719WBL01

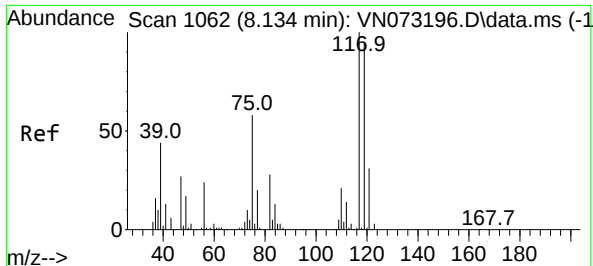
Tgt Ion:113 Resp: 146085
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 75 Resp: 22022
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 25.1 37.7#

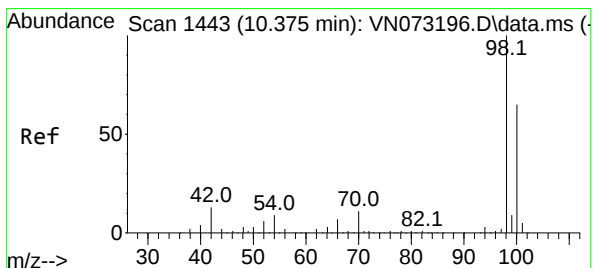
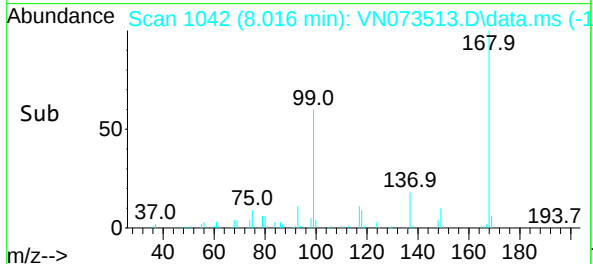
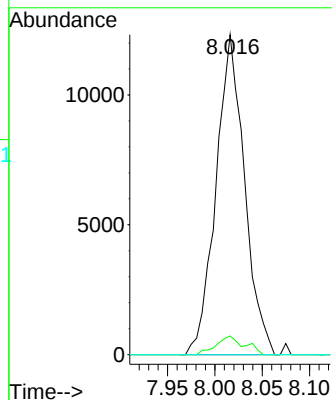
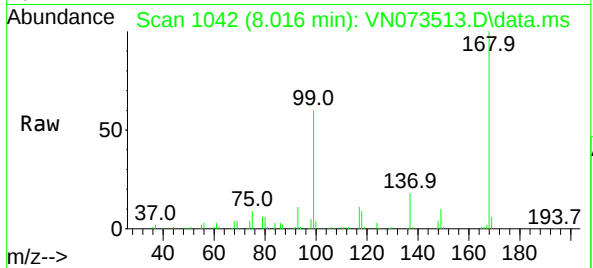




#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

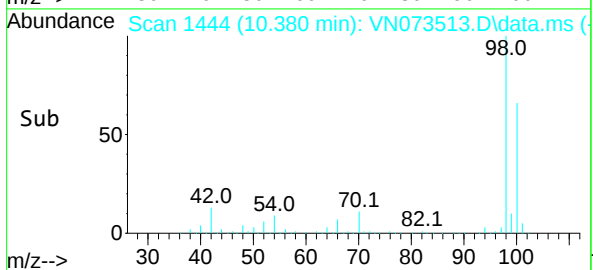
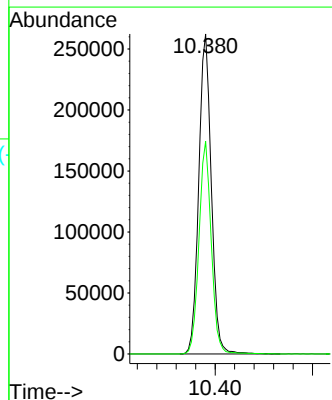
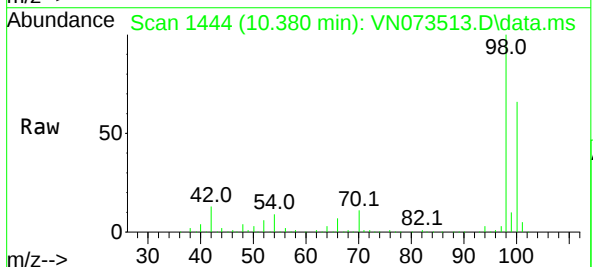
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

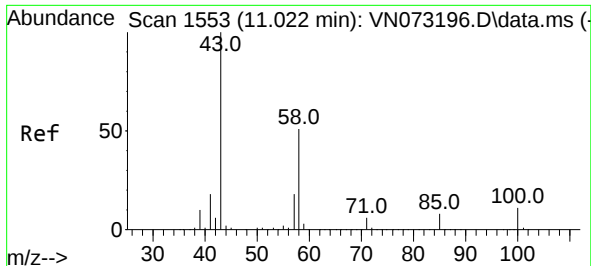
Tgt Ion:117 Resp: 25866
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.385 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 98 Resp: 469558
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

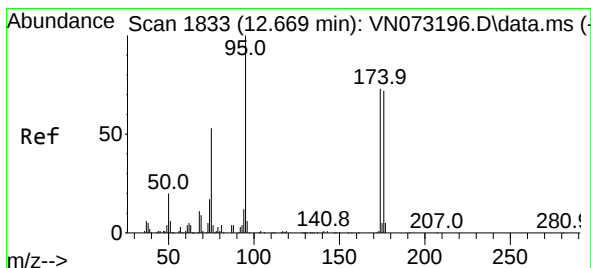
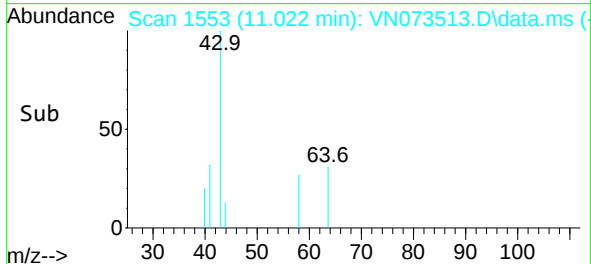
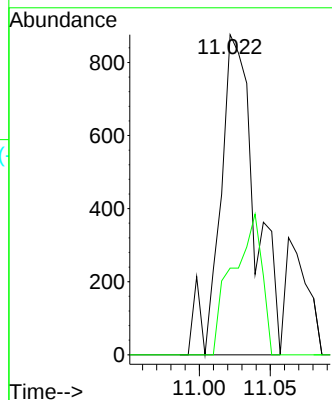
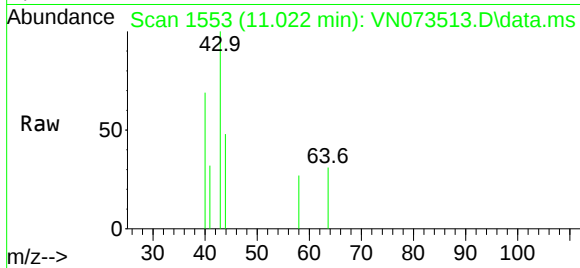




#59
2-Hexanone
Concen: 0.326 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

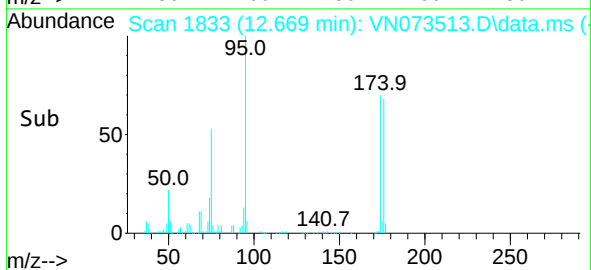
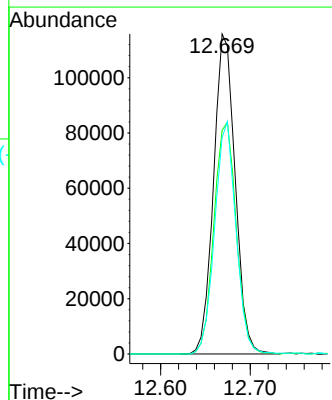
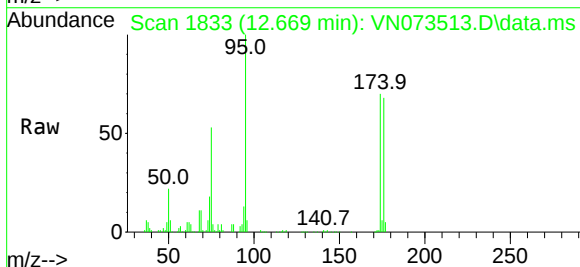
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

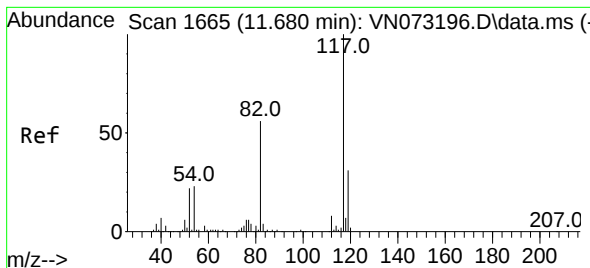
Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 37.0 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 49.763 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 95 Resp: 193588
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 71.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073513.D

Acq: 19 Jul 2022 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBL01

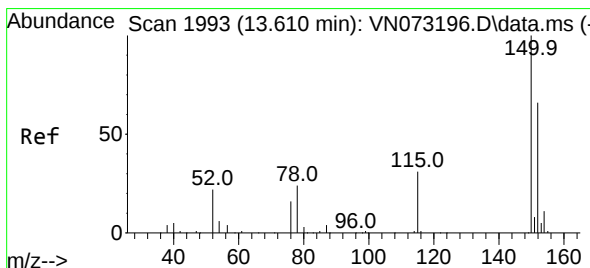
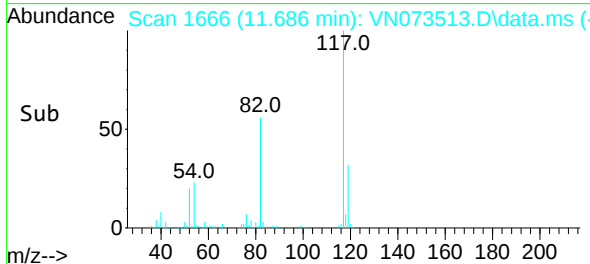
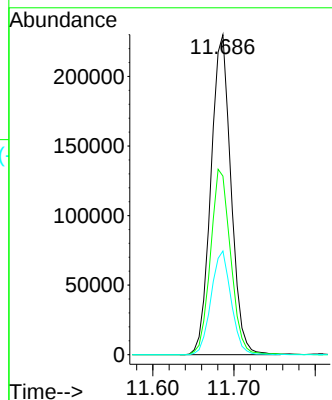
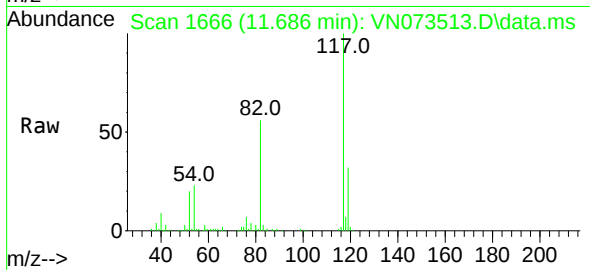
Tgt Ion:117 Resp: 395375

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073513.D

Acq: 19 Jul 2022 13:50

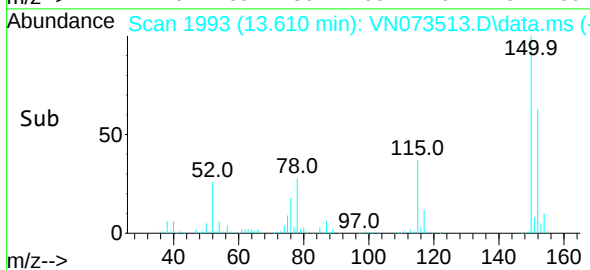
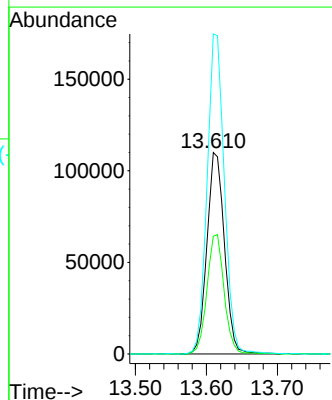
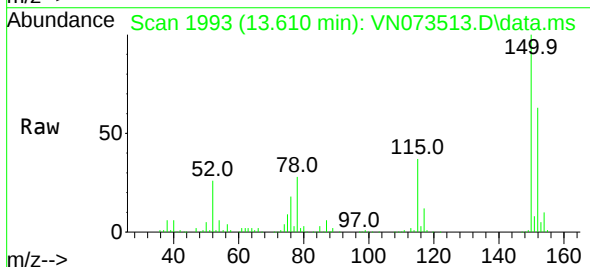
Tgt Ion:152 Resp: 189020

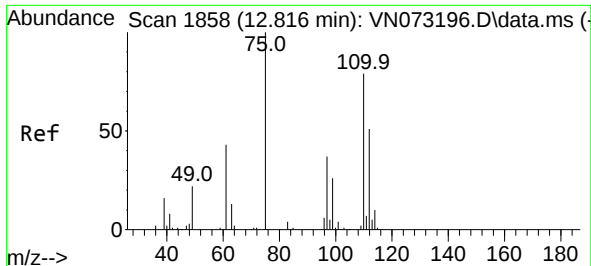
Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 155.9 0.0 356.2

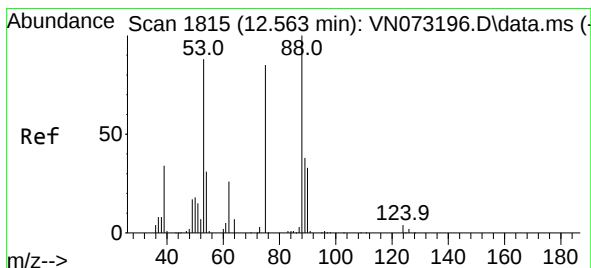
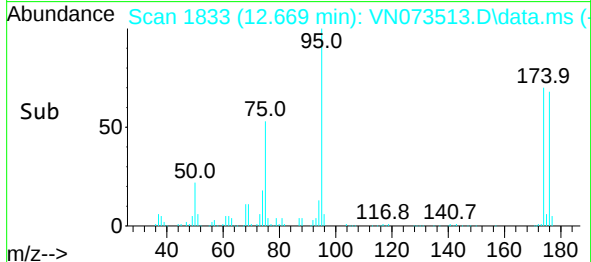
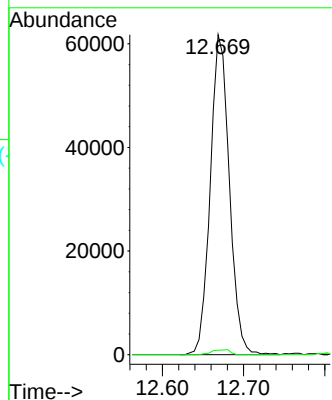
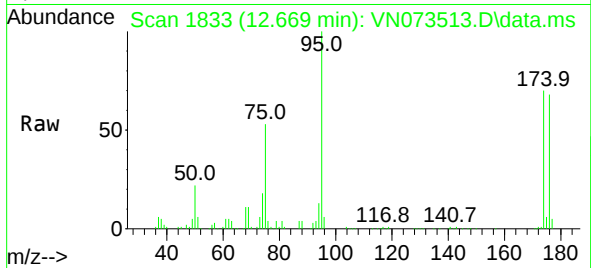




#76
1,2,3-Trichloropropane
Concen: 20.378 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

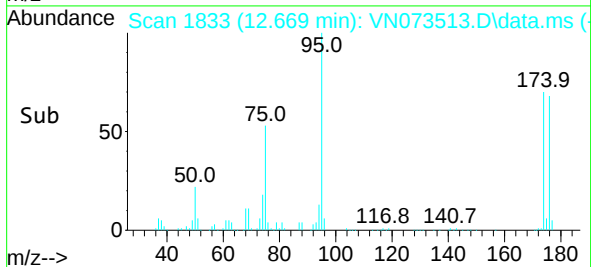
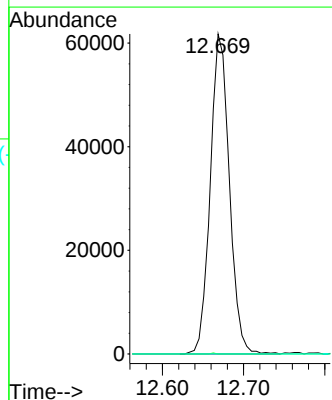
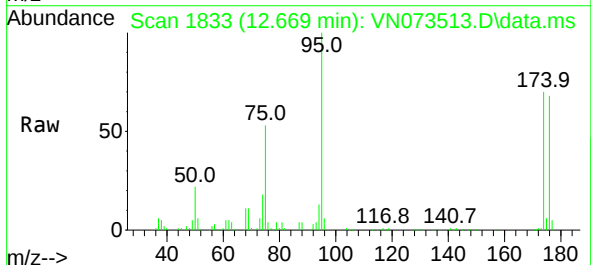
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

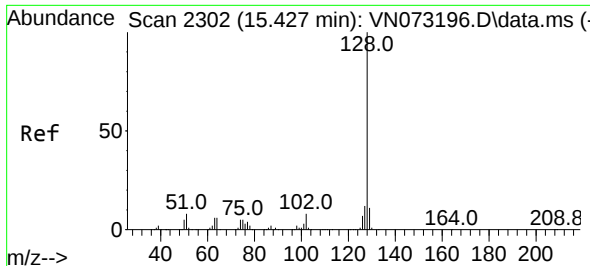
Tgt Ion: 75 Resp: 100720
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.887 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion: 75 Resp: 100720
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

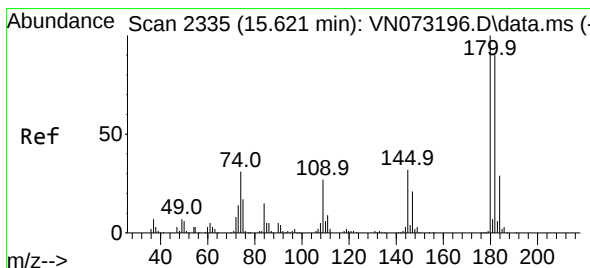
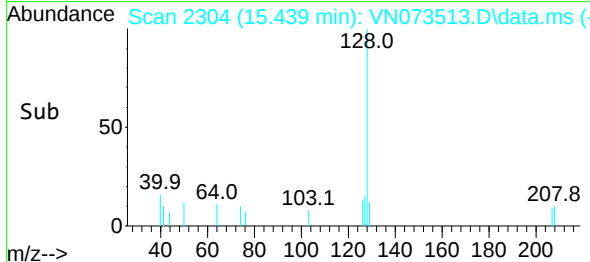
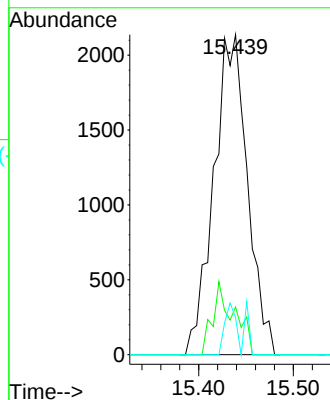
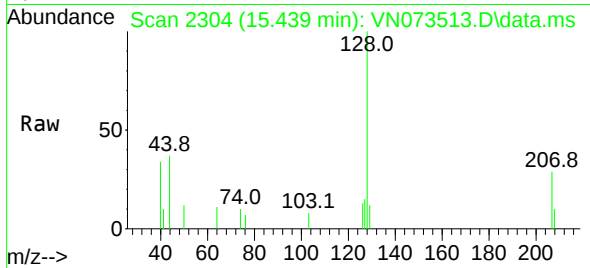




#95
Naphthalene
Concen: 0.363 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBL01

Tgt Ion:128 Resp: 5289
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 5.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.209 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073513.D
Acq: 19 Jul 2022 13:50

Tgt Ion:180 Resp: 779
Ion Ratio Lower Upper
180 100
182 115.8 47.8 143.3
145 25.0 15.5 46.5

