

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073275.D
 Acq On : 30 Jun 2022 19:04
 Operator : JC\MD
 Sample : N3554-16
 Misc : 5.00g/10mL/100uL/5.0mL/MeOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 08:09:23 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)

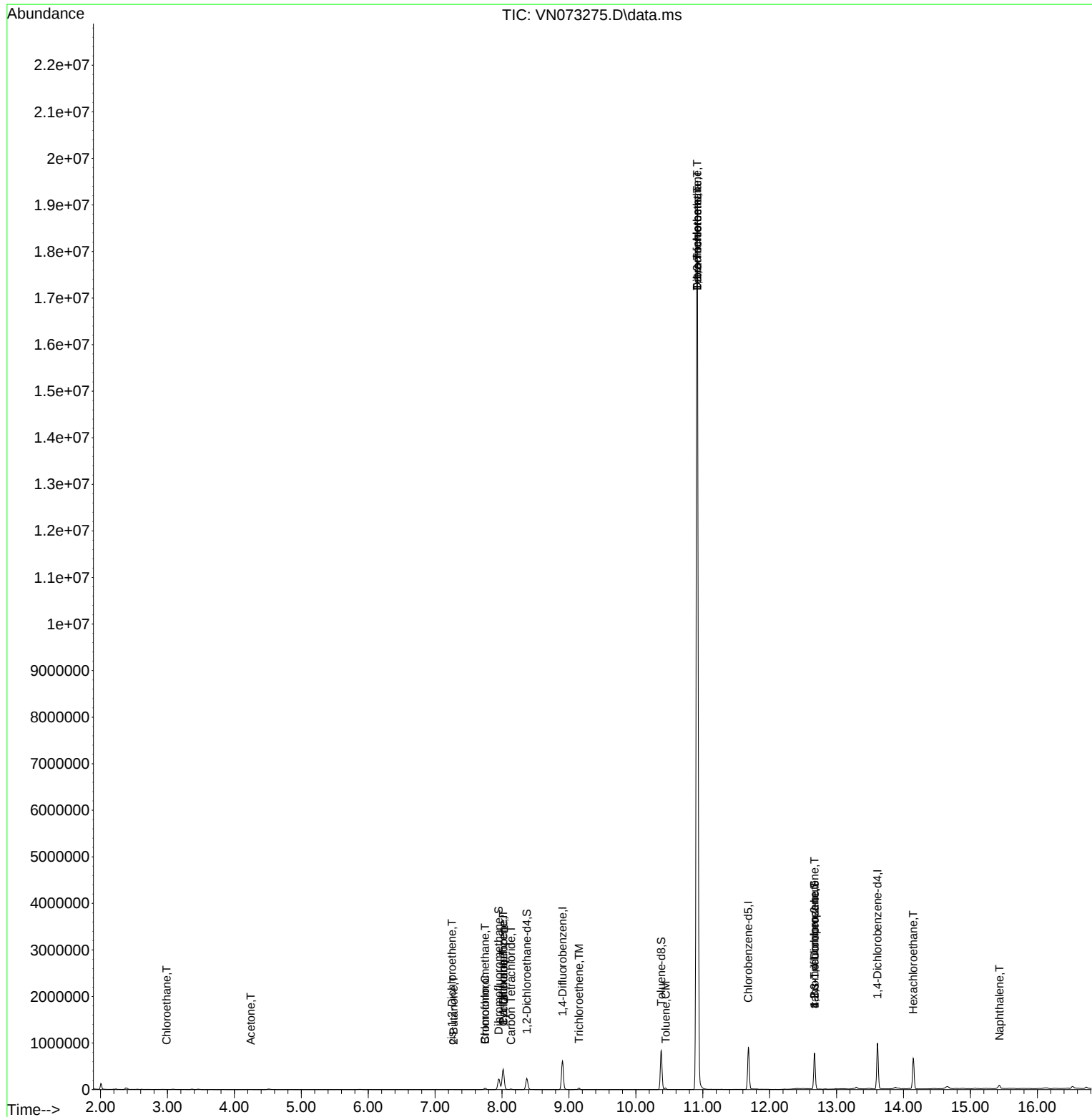
Internal Standards						
1) Pentafluorobenzene	8.016	168	328374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	549314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	513736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	266733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	200951	42.391	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.780%		
35) Dibromofluoromethane	7.951	113	171858	47.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.040%		
50) Toluene-d8	10.381	98	577700	44.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.020%		
62) 4-Bromofluorobenzene	12.669	95	269910	54.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.220%		
Target Compounds						Qvalue
6) Chloroethane	2.987	64	754	0.324	ug/l #	42
16) Acetone	4.246	43	6387	2.400	ug/l #	84
25) 2-Butanone	7.275	43	1743	0.411	ug/l #	82
27) cis-1,2-Dichloroethene	7.251	96	1128	0.231	ug/l #	5
28) Bromochloromethane	7.745	49	2449	0.744	ug/l #	8
30) Chloroform	7.745	83	28140	3.553	ug/l	100
31) Cyclohexane	8.022	56	7775	1.001	ug/l #	25
36) 1,1-Dichloropropene	8.016	75	28152	5.006	ug/l #	49
38) Carbon Tetrachloride	8.134	117	9756	1.678	ug/l	96
44) Trichloroethene	9.151	130	11466	2.596	ug/l	95
52) Toluene	10.445	92	13076	1.219	ug/l	100
55) 1,1,2-Trichloroethane	10.916	97	47742	10.813	ug/l #	9
60) Dibromochloromethane	10.916	129	4276393	1015.830	ug/l #	11
64) Tetrachloroethene	10.916	164	4310469	1027.518	ug/l #	88
76) 1,2,3-Trichloropropane	12.669	75	137336	19.691	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	137336	54.002	ug/l #	11
90) Hexachloroethane	14.145	117	129165	37.962	ug/l	87
95) Naphthalene	15.433	128	77536	3.772	ug/l	98

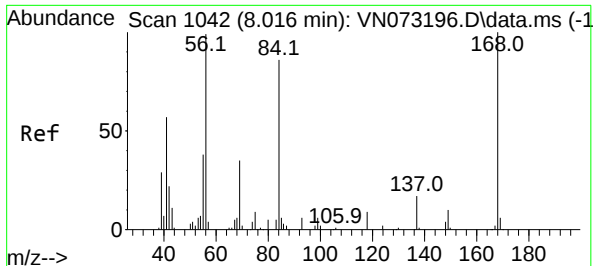
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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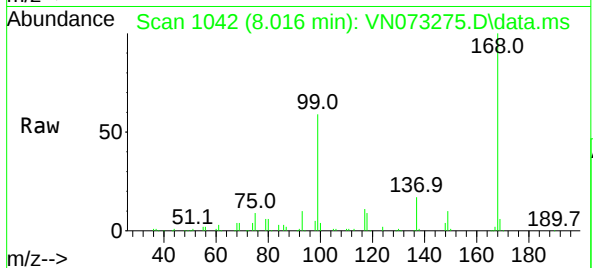
Quant Time: Jul 01 08:09:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration



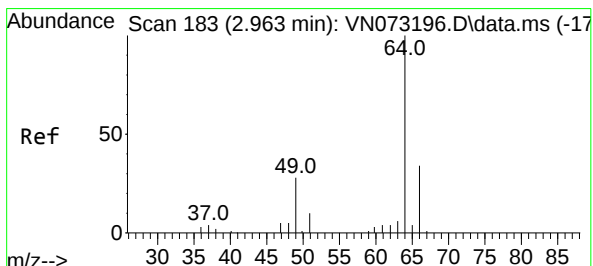
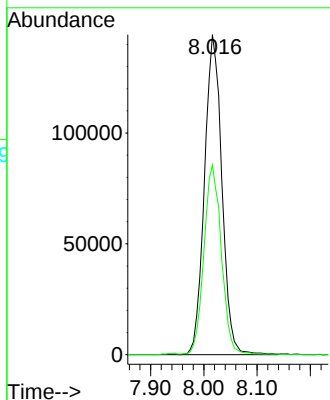
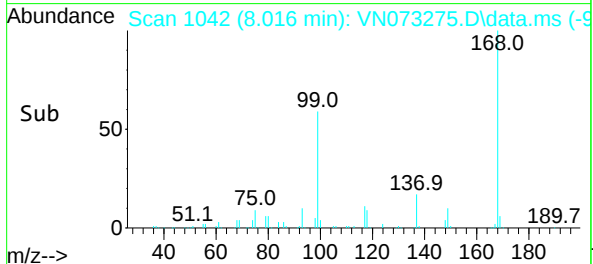


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Instrument :
MSVOA_N
ClientSampleId :

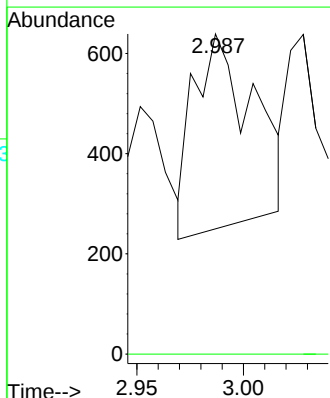
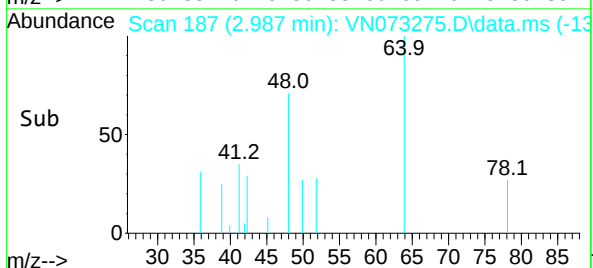
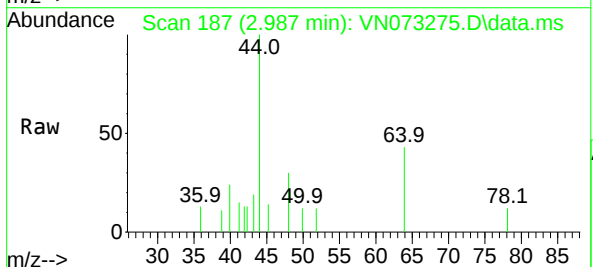


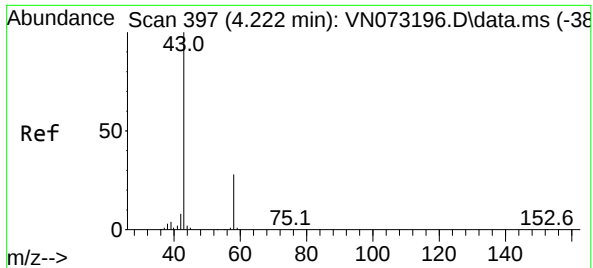
Tgt Ion:168 Resp: 328374
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#6
Chloroethane
Concen: 0.324 ug/l
RT: 2.987 min Scan# 187
Delta R.T. 0.024 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Tgt Ion: 64 Resp: 754
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

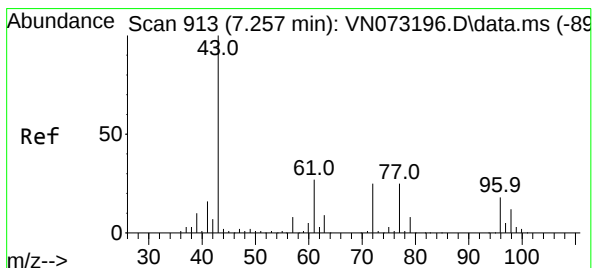
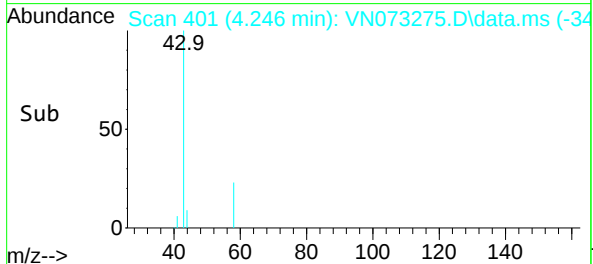
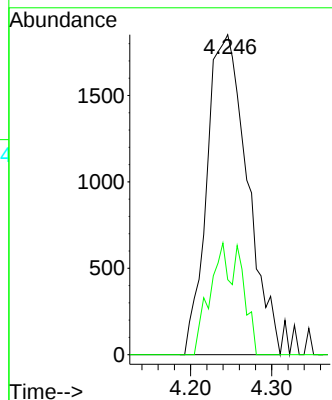
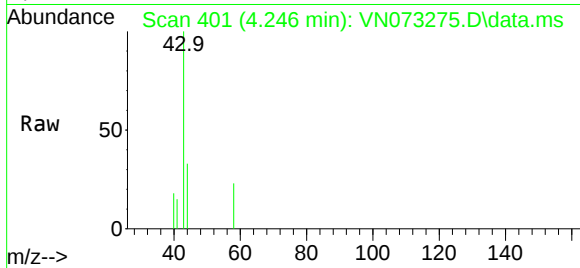




#16
Acetone
Concen: 2.400 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

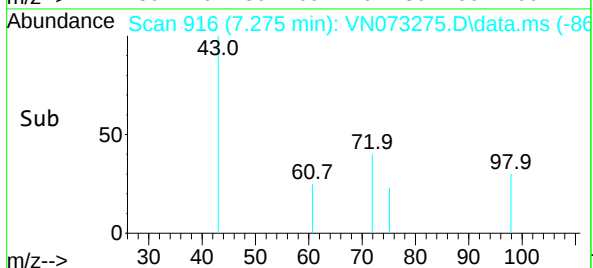
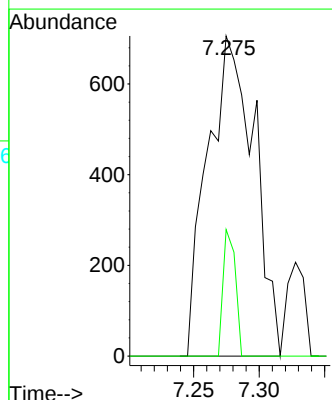
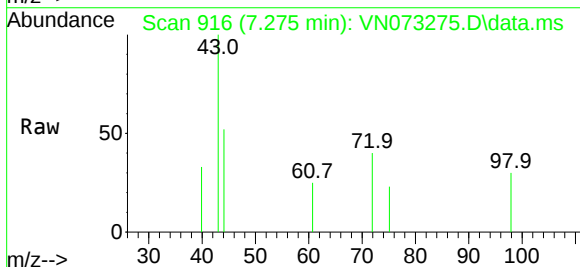
Instrument :
MSVOA_N
ClientSampleId :

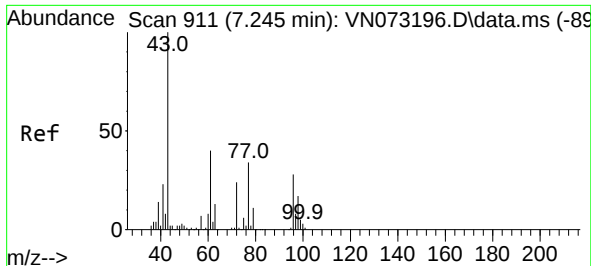
Tgt Ion: 43 Resp: 6387
Ion Ratio Lower Upper
43 100
58 23.4 26.0 39.0#



#25
2-Butanone
Concen: 0.411 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

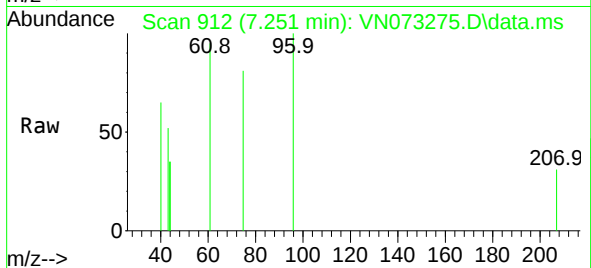
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
72 39.5 23.7 35.5#



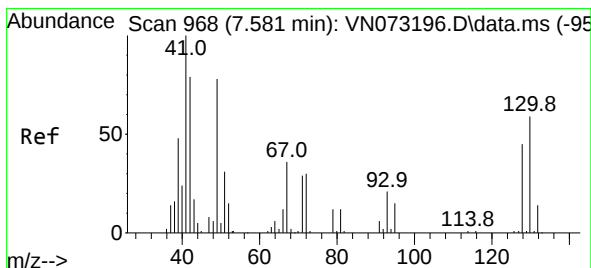
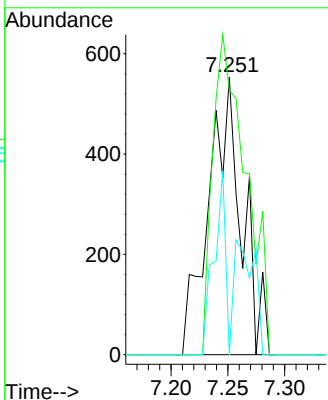
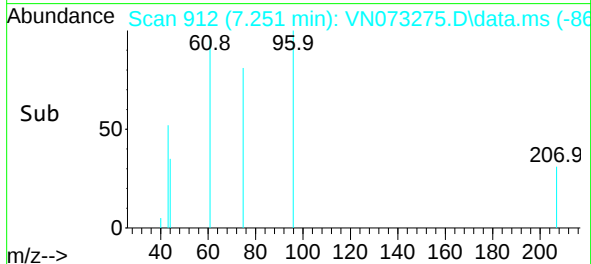


#27
 cis-1,2-Dichloroethene
 Concen: 0.231 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN073275.D
 Acq: 30 Jun 2022 19:04

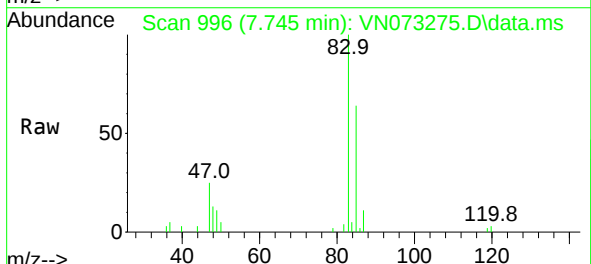
Instrument :
 MSVOA_N
 ClientSampleId :



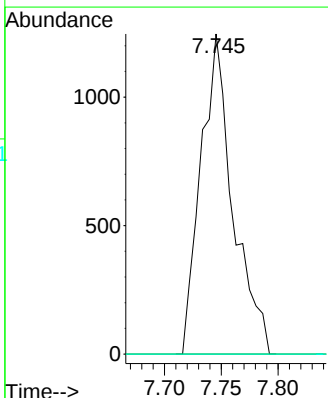
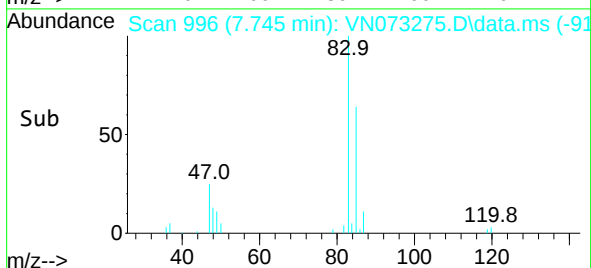
Tgt Ion: 96 Resp: 1128
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 280.6
 98 25.0 0.0 128.4

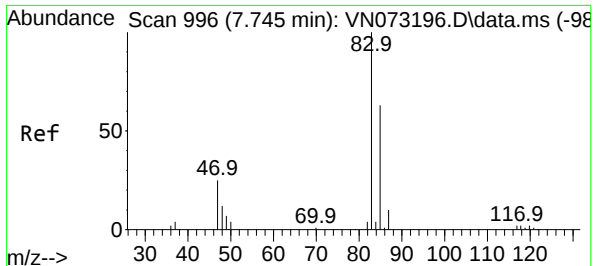


#28
 Bromochloromethane
 Concen: 0.744 ug/l
 RT: 7.745 min Scan# 996
 Delta R.T. 0.164 min
 Lab File: VN073275.D
 Acq: 30 Jun 2022 19:04



Tgt Ion: 49 Resp: 2449
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 69.7 104.5#

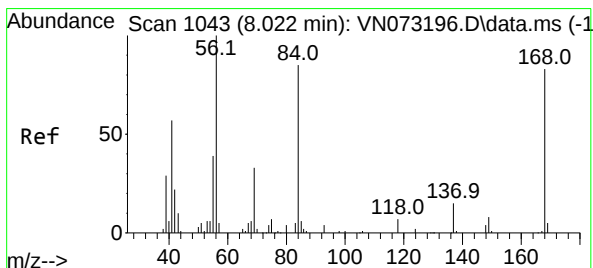
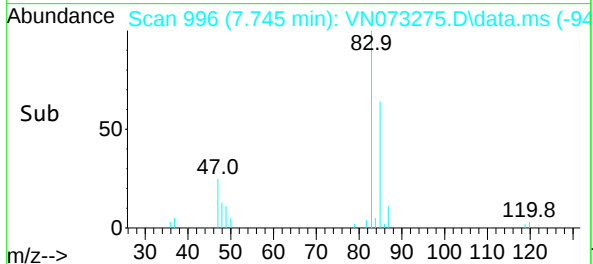
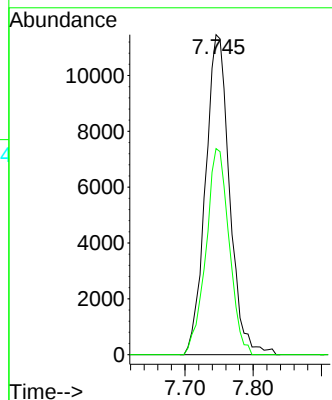
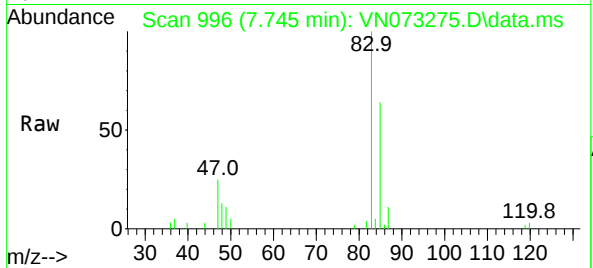




#30
Chloroform
Concen: 3.553 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

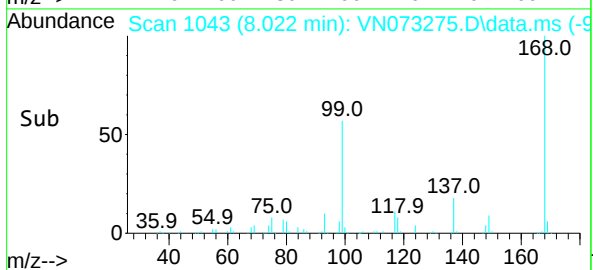
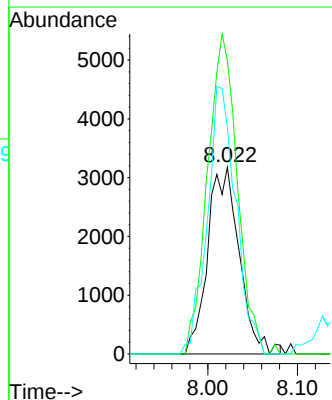
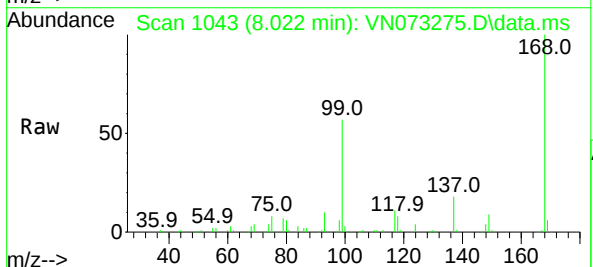
Instrument :
MSVOA_N
ClientSampleId :

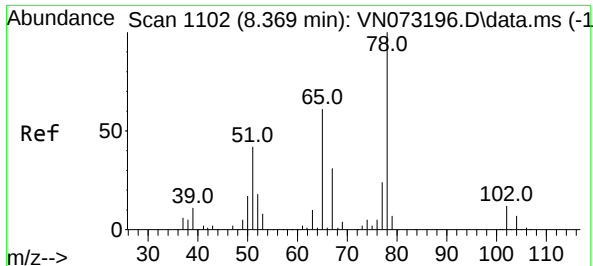
Tgt Ion: 83 Resp: 28140
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8



#31
Cyclohexane
Concen: 1.001 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Tgt Ion: 56 Resp: 7775
Ion Ratio Lower Upper
56 100
69 157.1 27.8 41.8#
84 120.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.391 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073275.D

Acq: 30 Jun 2022 19:04

Instrument :

MSVOA_N

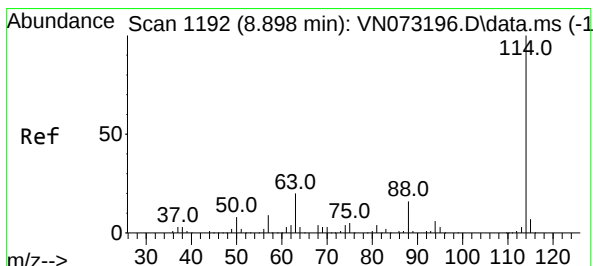
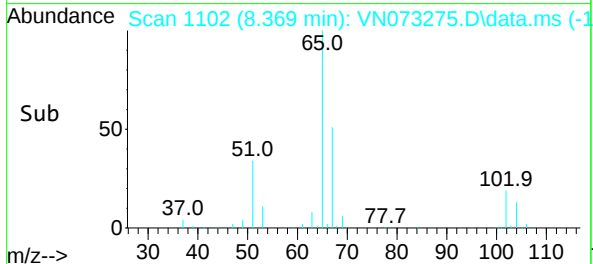
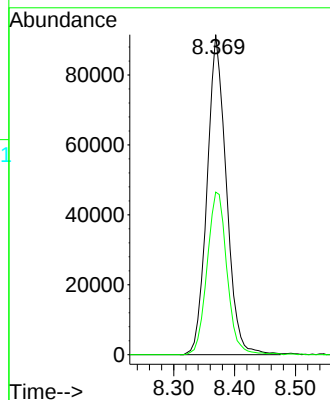
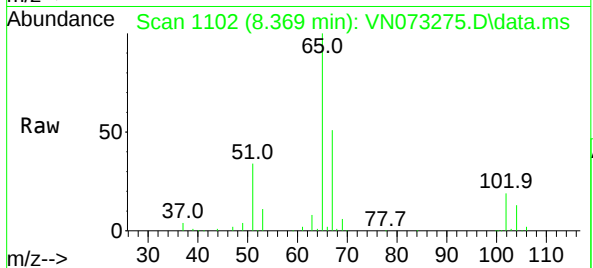
ClientSampleId :

Tgt Ion: 65 Resp: 200951

Ion Ratio Lower Upper

65 100

67 52.3 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: VN073275.D

Acq: 30 Jun 2022 19:04

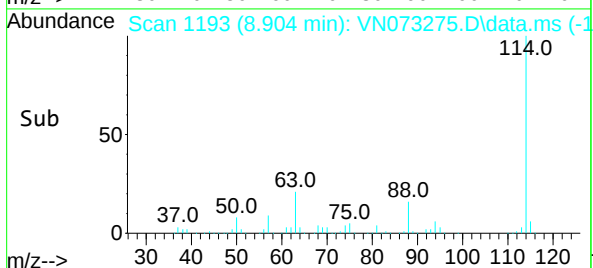
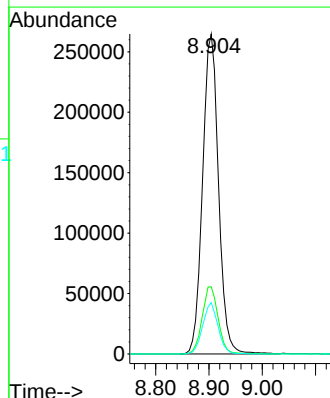
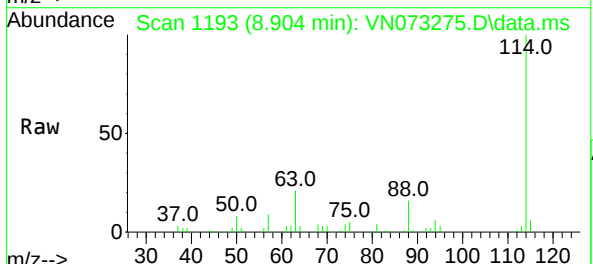
Tgt Ion: 114 Resp: 549314

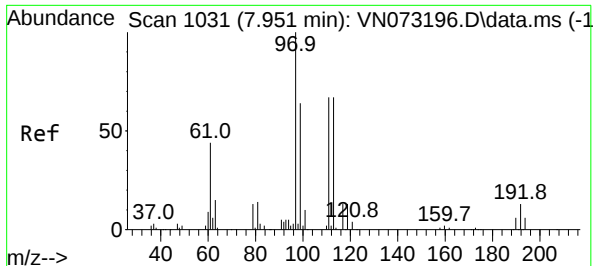
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

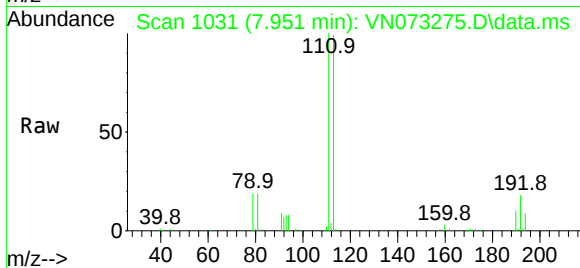
88 16.0 0.0 32.6



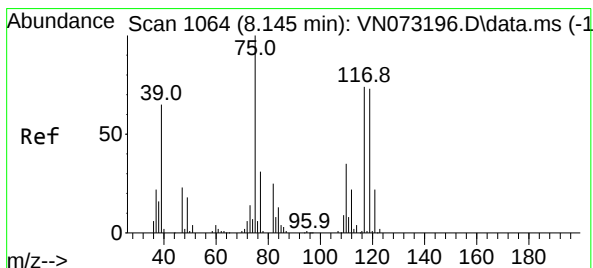
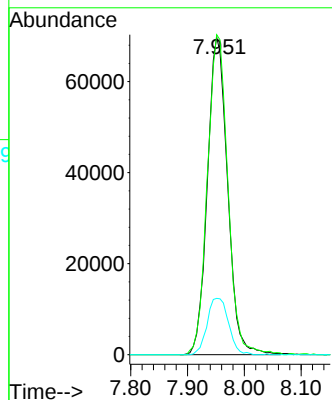
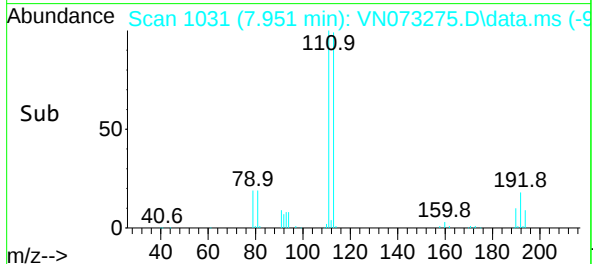


#35
Dibromofluoromethane
Concen: 47.024 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Instrument :
MSVOA_N
ClientSampleId :

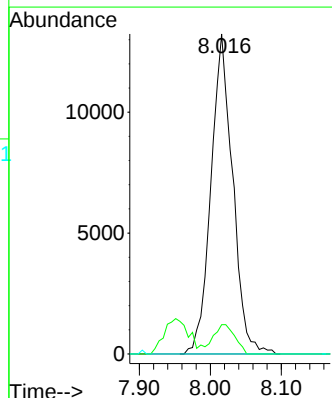
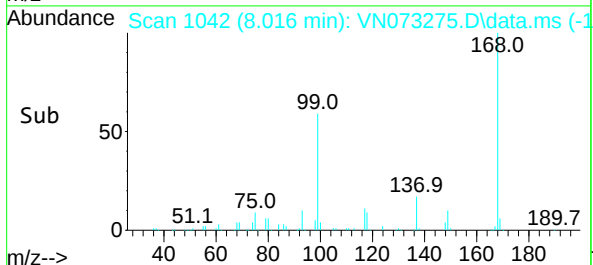
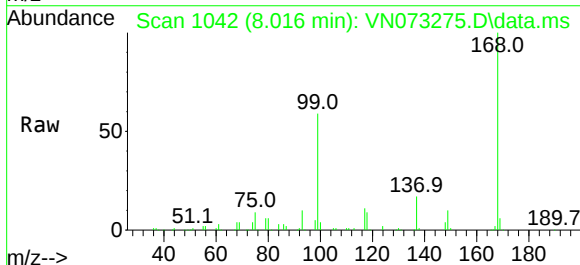


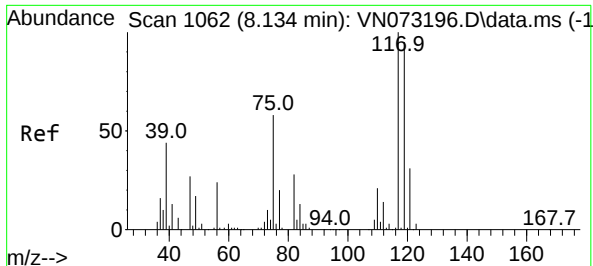
Tgt Ion:113 Resp: 171858
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

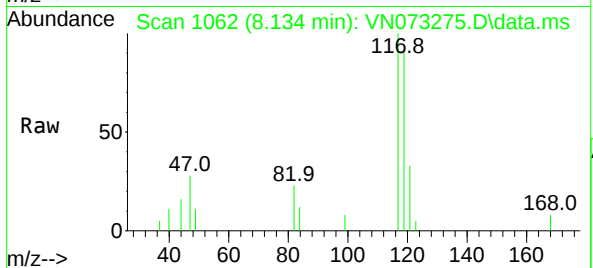
Tgt Ion: 75 Resp: 28152
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



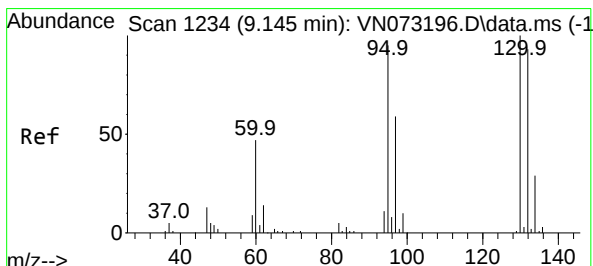
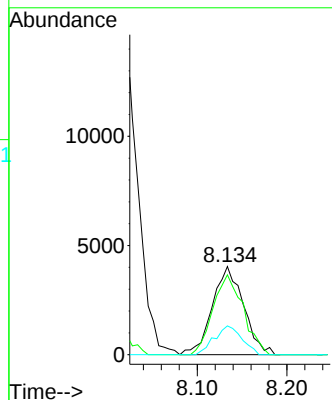
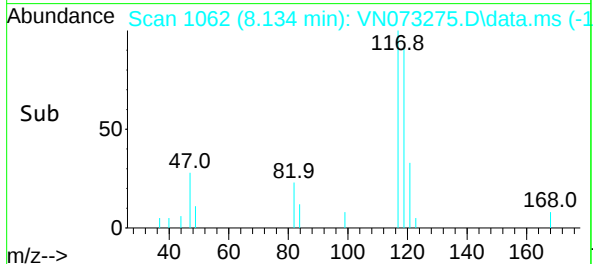


#38
Carbon Tetrachloride
Concen: 1.678 ug/l
RT: 8.134 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Instrument :
MSVOA_N
ClientSampleId :

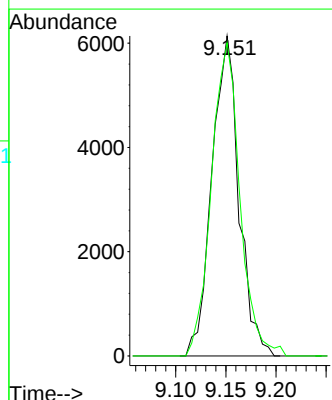
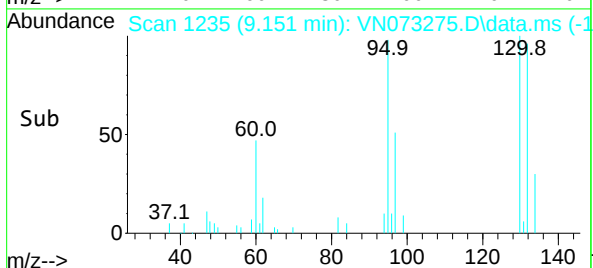
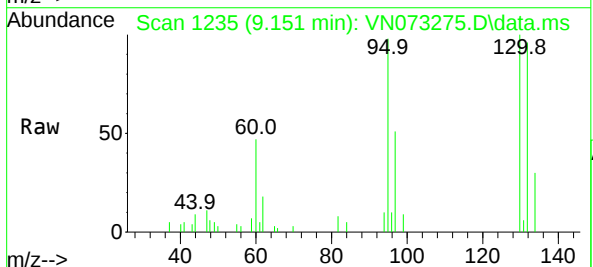


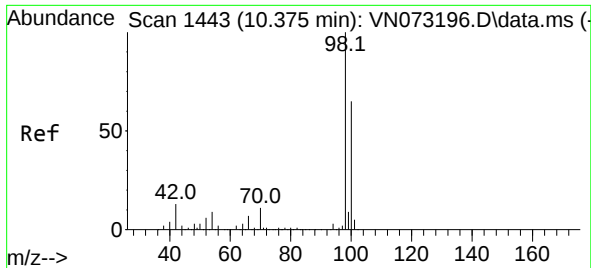
Tgt Ion:117 Resp: 9756
Ion Ratio Lower Upper
117 100
119 90.5 75.8 113.8
121 32.6 24.6 37.0



#44
Trichloroethene
Concen: 2.596 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Tgt Ion:130 Resp: 11466
Ion Ratio Lower Upper
130 100
95 97.8 0.0 186.8

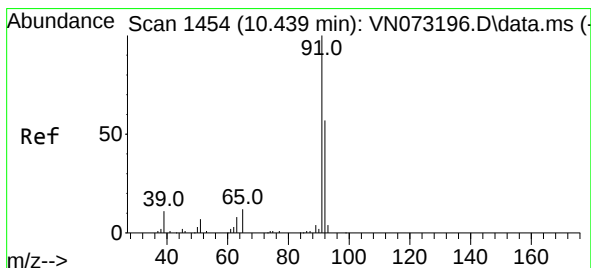
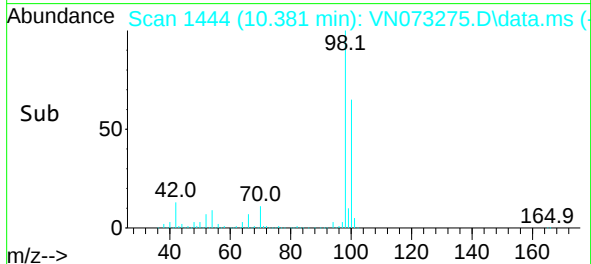
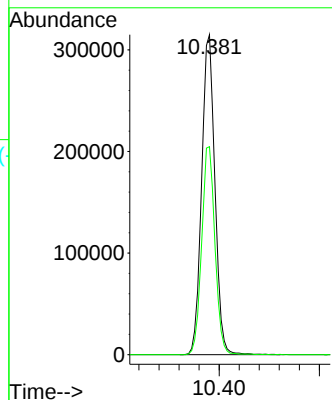
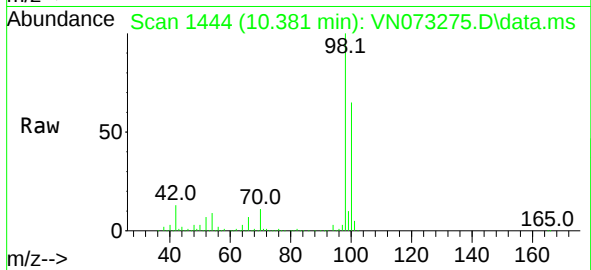




#50
Toluene-d8
Concen: 44.506 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

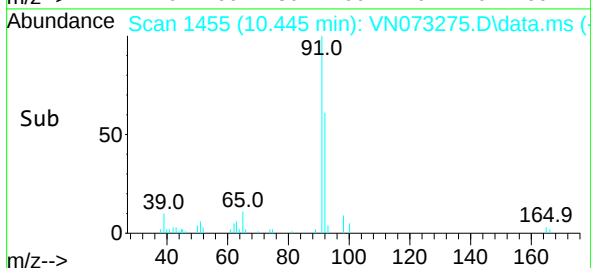
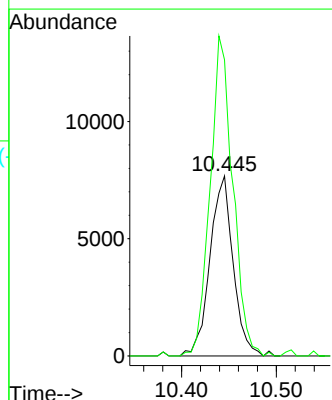
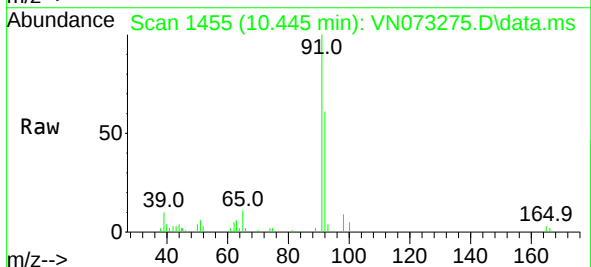
Instrument :
MSVOA_N
ClientSampleId :

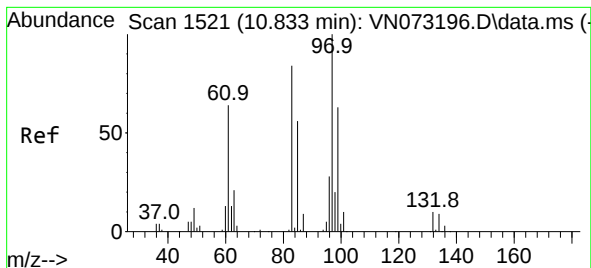
Tgt Ion: 98 Resp: 577700
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#52
Toluene
Concen: 1.219 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

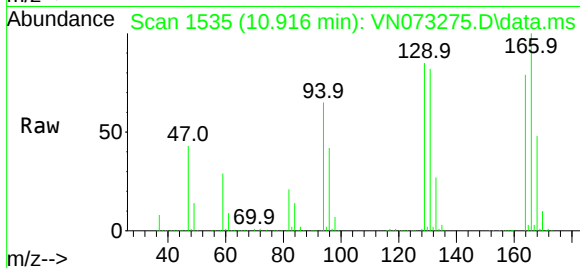
Tgt Ion: 92 Resp: 13076
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8



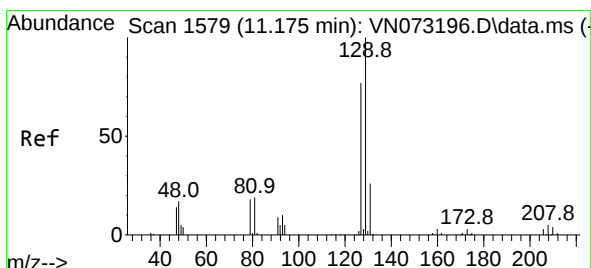
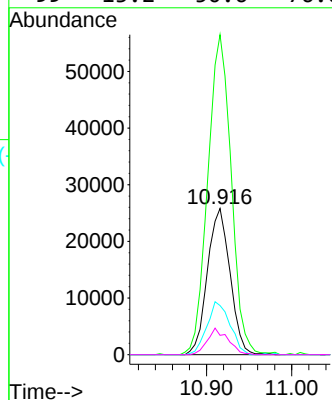
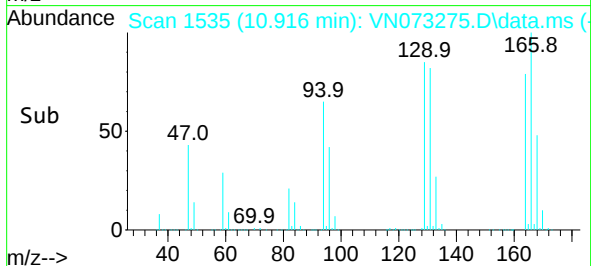


#55
1,1,2-Trichloroethane
Concen: 10.813 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.083 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Instrument :
MSVOA_N
ClientSampleId :

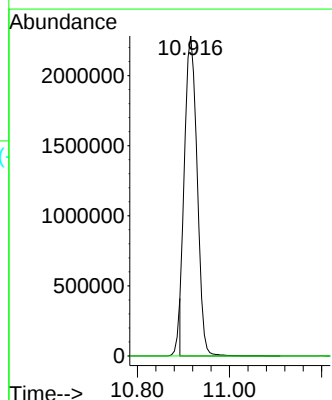
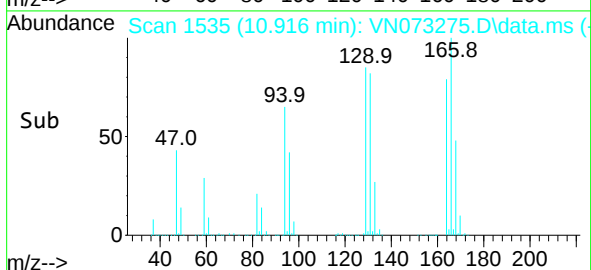
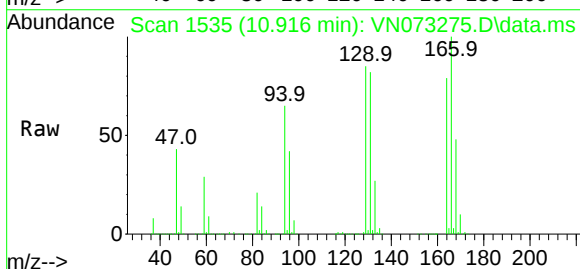


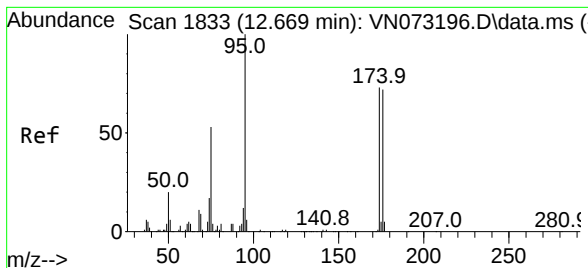
Tgt Ion: 97 Resp: 47742
Ion Ratio Lower Upper
97 100
83 218.9 66.2 99.4#
85 33.7 43.9 65.9#
99 13.2 50.6 76.0#



#60
Dibromochloromethane
Concen: 1015.830 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.259 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Tgt Ion:129 Resp: 4276393
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

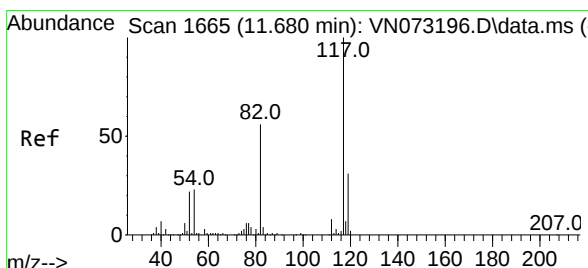
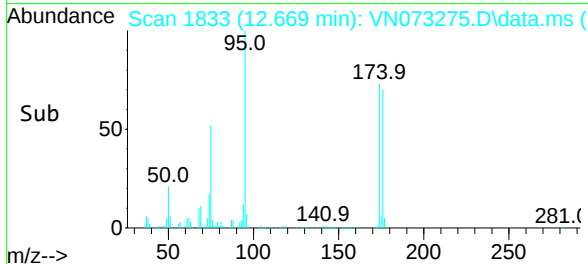
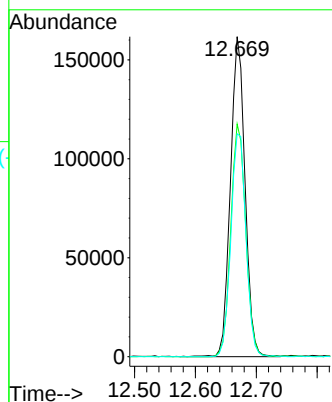
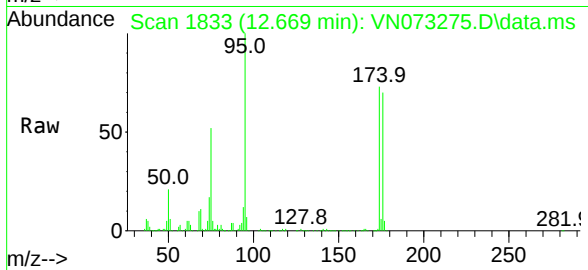




#62
4-Bromofluorobenzene
Concen: 54.110 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

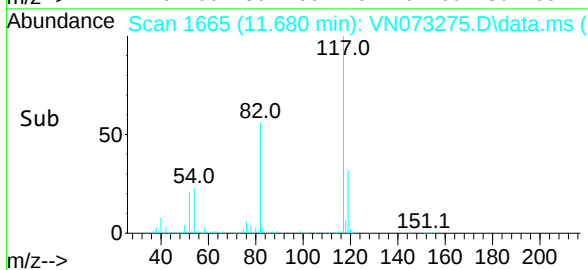
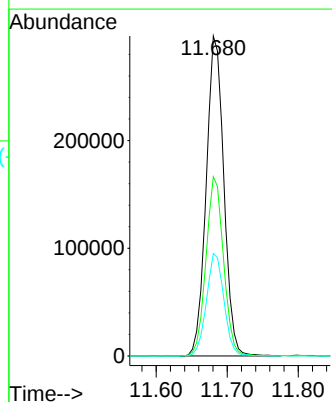
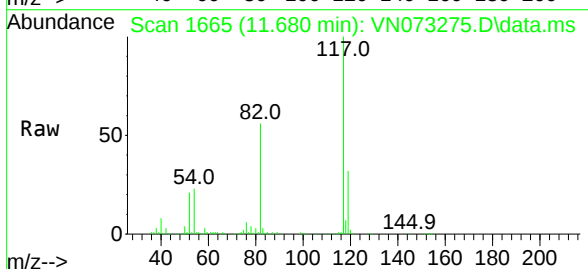
Instrument :
MSVOA_N
ClientSampleId :

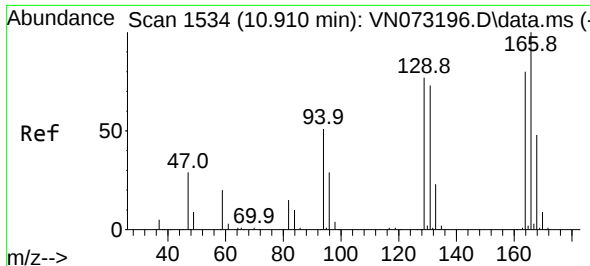
Tgt Ion: 95 Resp: 269910
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 71.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

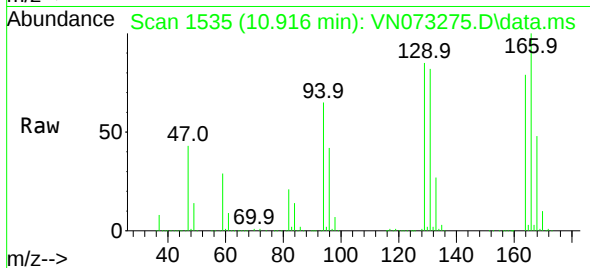
Tgt Ion: 117 Resp: 513736
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.0 25.4 38.0



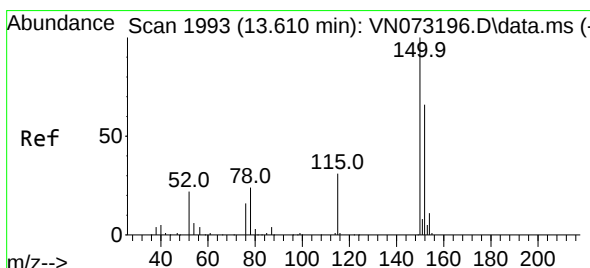
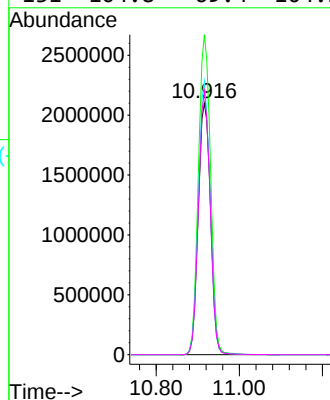
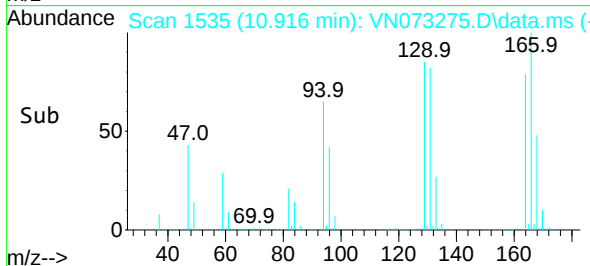


#64
Tetrachloroethene
Concen: 1027.518 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

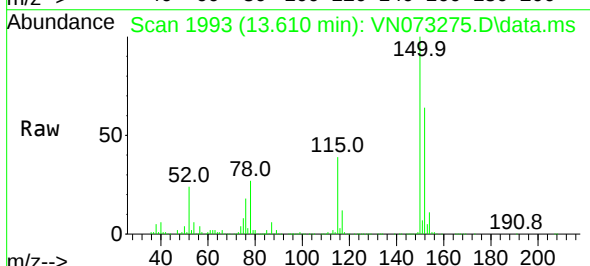
Instrument :
MSVOA_N
ClientSampleId :



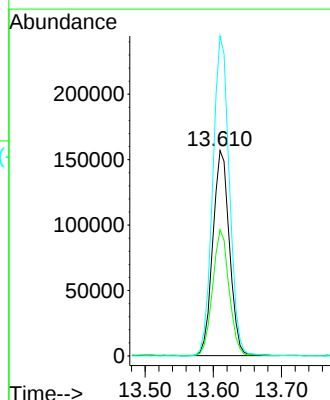
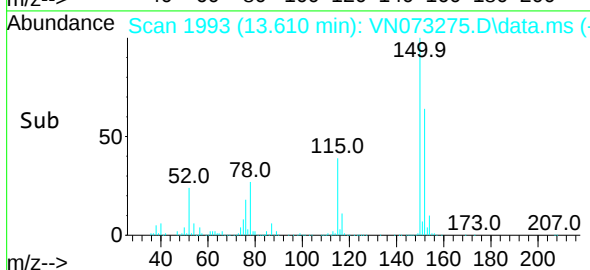
Tgt Ion:164 Resp: 4310469
Ion Ratio Lower Upper
164 100
166 127.3 104.2 156.2
129 108.7 73.9 110.9
131 104.8 69.4 104.2#

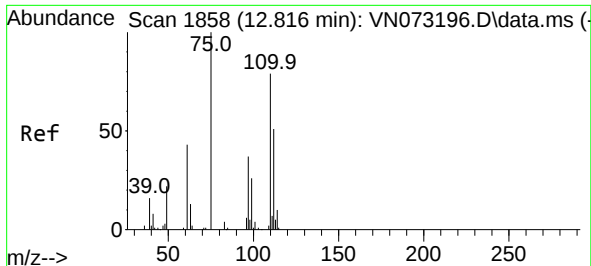


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04



Tgt Ion:152 Resp: 266733
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 155.9 0.0 356.2

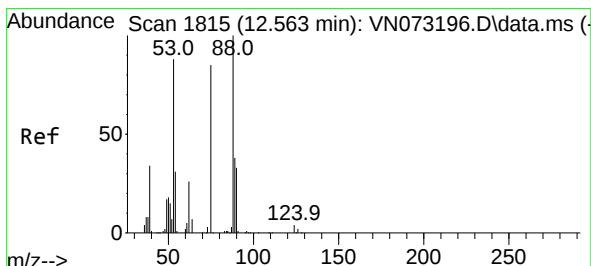
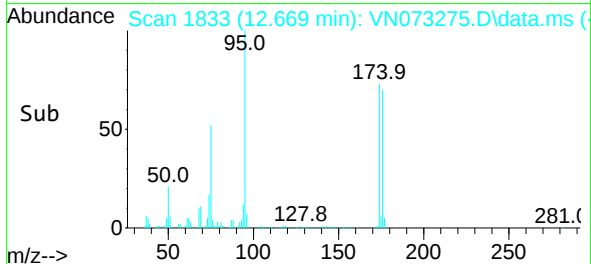
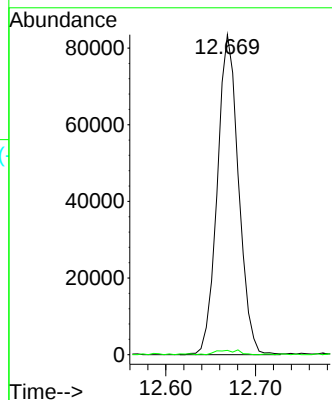
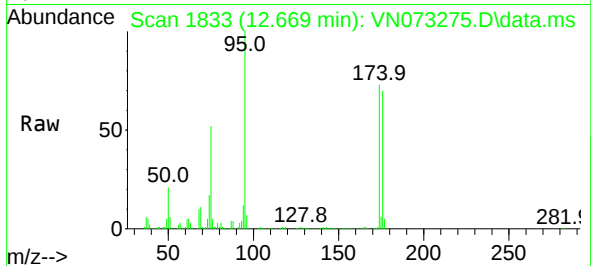




#76
1,2,3-Trichloropropane
Concen: 19.691 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

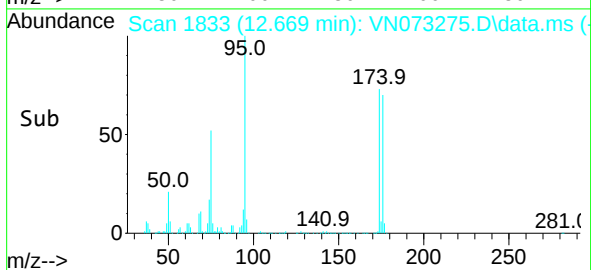
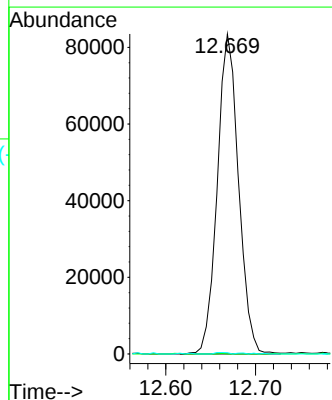
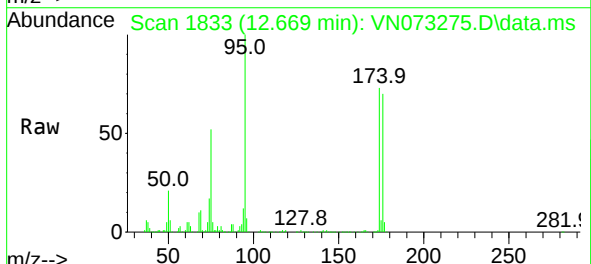
Instrument :
MSVOA_N
ClientSampleId :

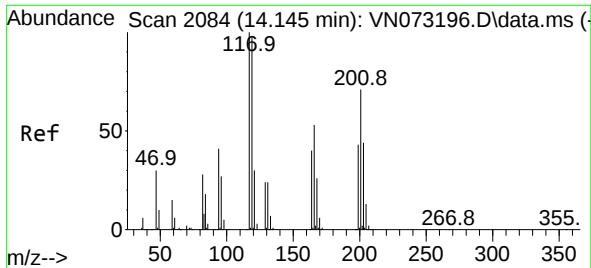
Tgt Ion: 75 Resp: 137336
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.002 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Tgt Ion: 75 Resp: 137336
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.3 37.2 55.8#

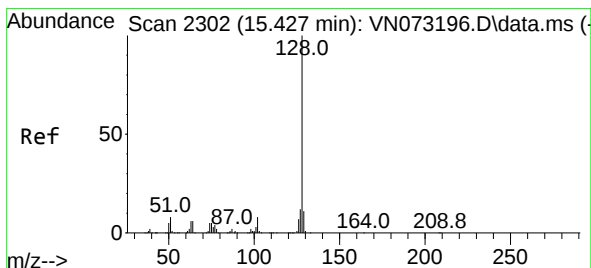
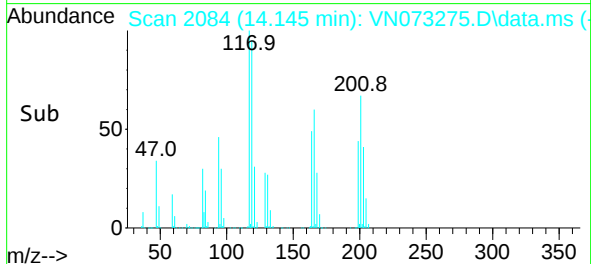
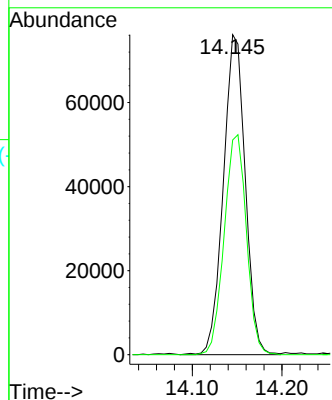
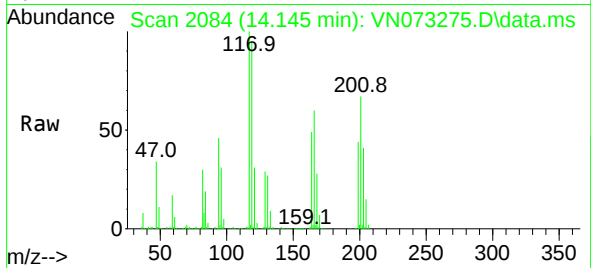




#90
Hexachloroethane
Concen: 37.962 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 129165
Ion Ratio Lower Upper
117 100
201 69.7 40.6 122.0



#95
Naphthalene
Concen: 3.772 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073275.D
Acq: 30 Jun 2022 19:04

Tgt Ion:128 Resp: 77536
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.0 8.6 13.0

