

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073497.D
 Acq On : 18 Jul 2022 14:26
 Operator : JC\MD
 Sample : N3711-05
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124035

Quant Time: Jul 18 15:31:51 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)

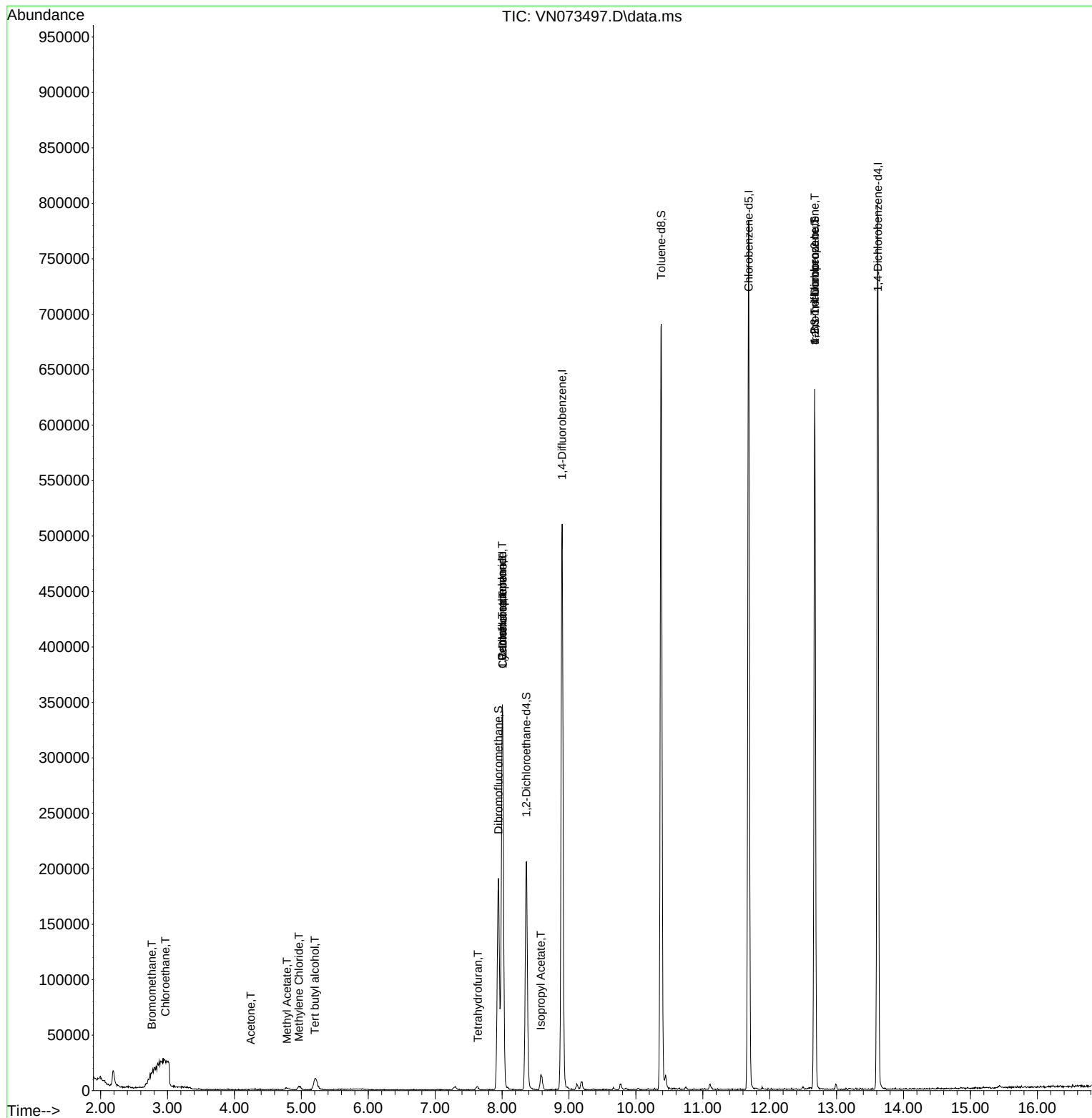
Internal Standards						
1) Pentafluorobenzene	8.004	168	259915	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	444802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	438761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	212099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	170103	45.335	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.660%
35) Dibromofluoromethane	7.945	113	139066	46.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	10.380	98	482742	45.929	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.674	95	215433	53.336	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.763	94	546	0.369	ug/l #	70
6) Chloroethane	2.969	64	408	0.221	ug/l #	28
11) Tert butyl alcohol	5.204	59	11374	12.513	ug/l #	72
16) Acetone	4.246	43	832	0.395	ug/l #	42
18) Methyl Acetate	4.787	43	2598	0.440	ug/l #	52
20) Methylene Chloride	4.963	84	2391	0.646	ug/l #	57
29) Tetrahydrofuran	7.639	42	2401	1.046	ug/l #	66
31) Cyclohexane	8.010	56	5858	0.953	ug/l #	33
36) 1,1-Dichloropropene	8.010	75	21870	4.803	ug/l #	48
38) Carbon Tetrachloride	8.004	117	27889	5.923	ug/l #	18
43) Isopropyl Acetate	8.581	43	6167	0.624	ug/l #	53
76) 1,2,3-Trichloropropane	12.674	75	112307	20.250	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	112307	55.535	ug/l #	10

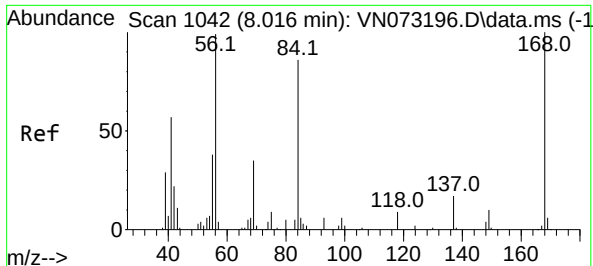
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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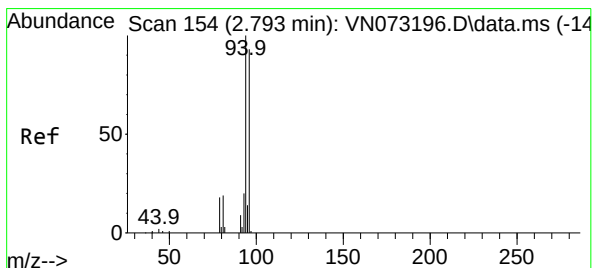
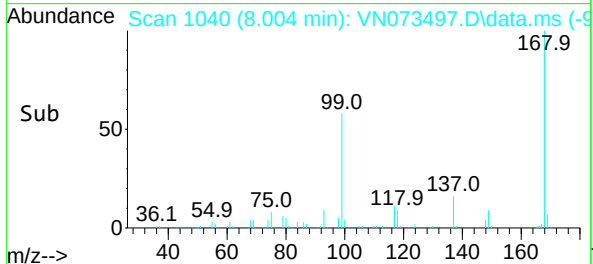
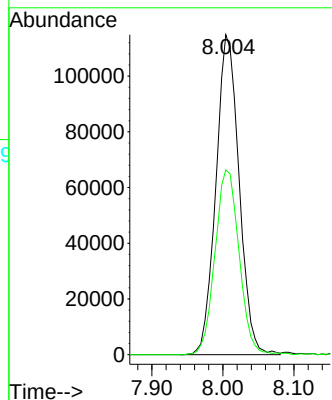
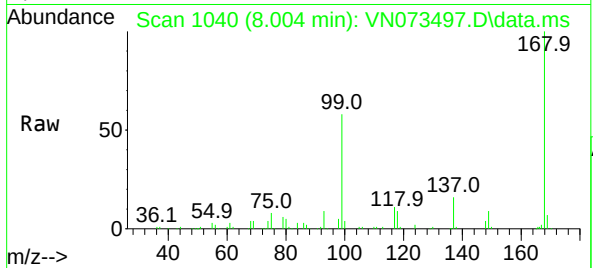




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

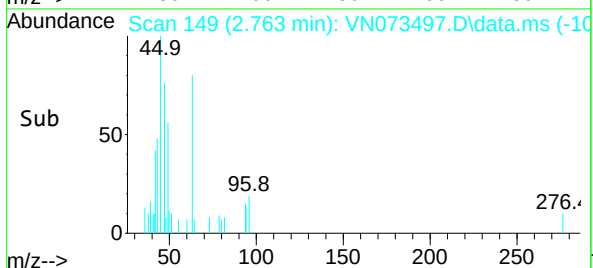
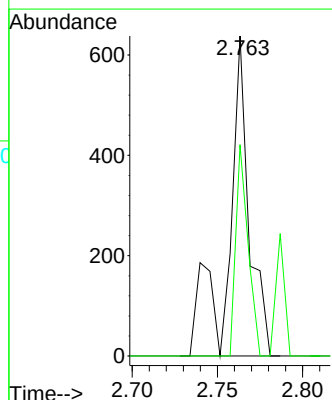
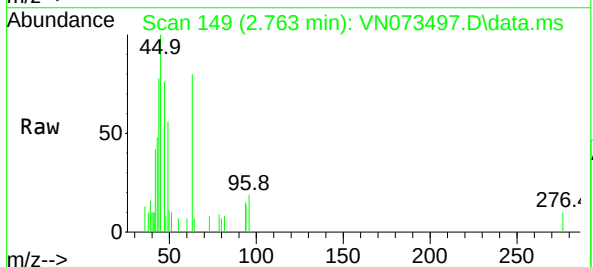
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

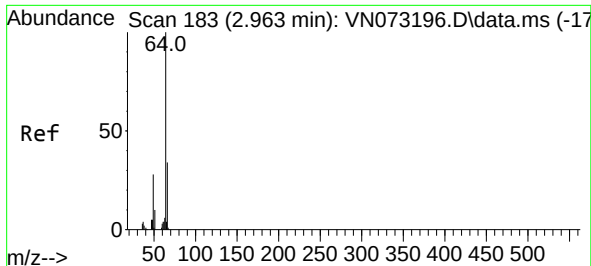
Tgt Ion:168 Resp: 259915
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#5
Bromomethane
Concen: 0.369 ug/l
RT: 2.763 min Scan# 149
Delta R.T. -0.030 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 94 Resp: 546
Ion Ratio Lower Upper
94 100
96 66.0 76.0 114.0#

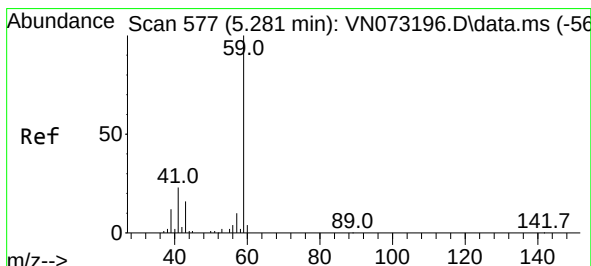
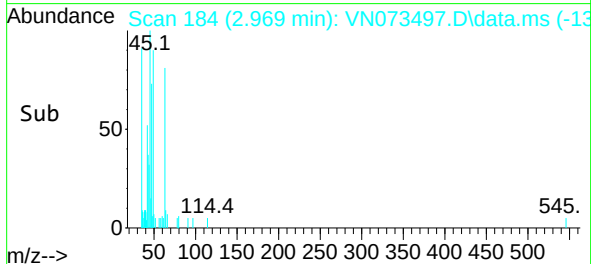
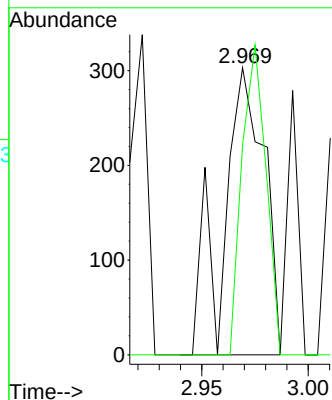
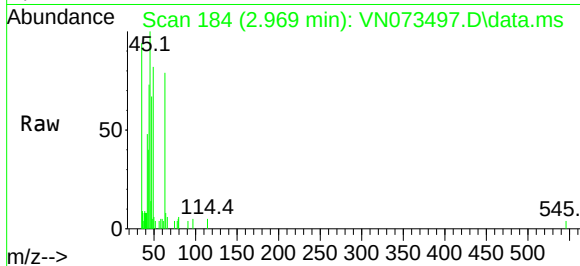




#6
Chloroethane
Concen: 0.221 ug/l
RT: 2.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

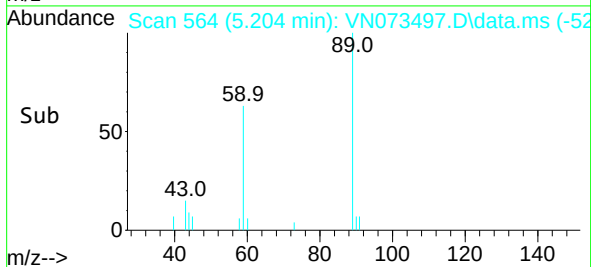
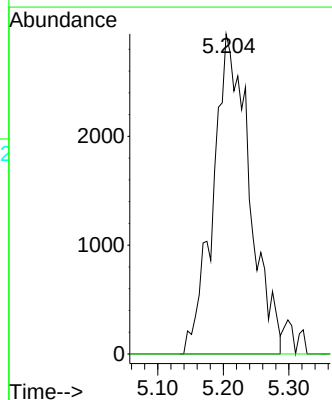
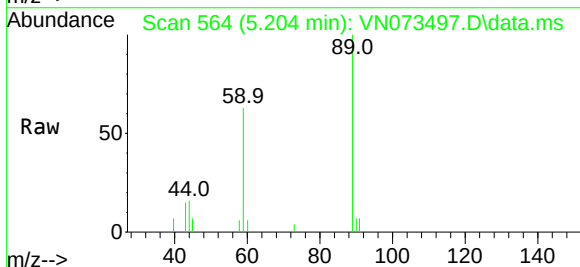
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

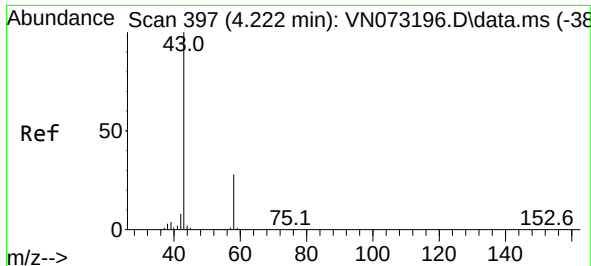
Tgt Ion: 64 Resp: 408
Ion Ratio Lower Upper
64 100
66 73.3 26.2 39.4#



#11
Tert butyl alcohol
Concen: 12.513 ug/l
RT: 5.204 min Scan# 564
Delta R.T. -0.077 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 59 Resp: 11374
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

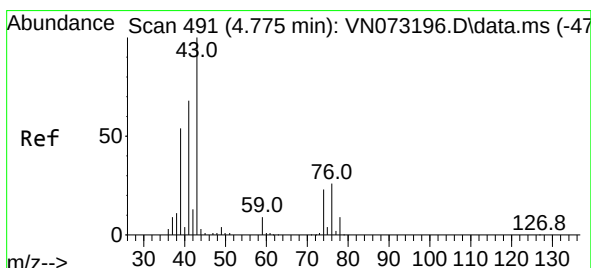
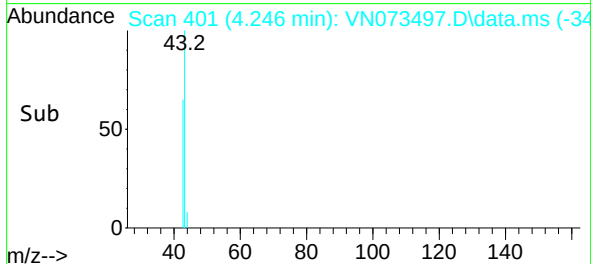
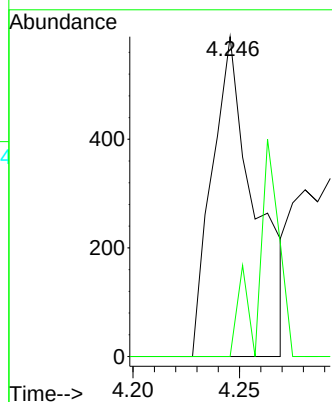
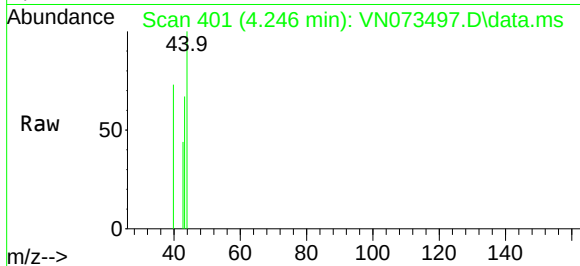




#16
Acetone
Concen: 0.395 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

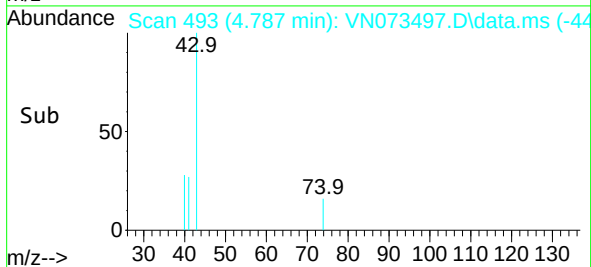
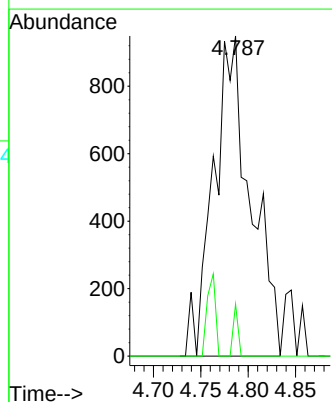
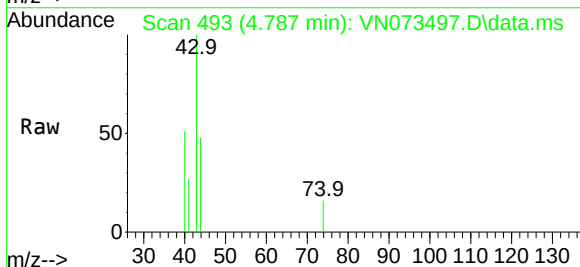
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

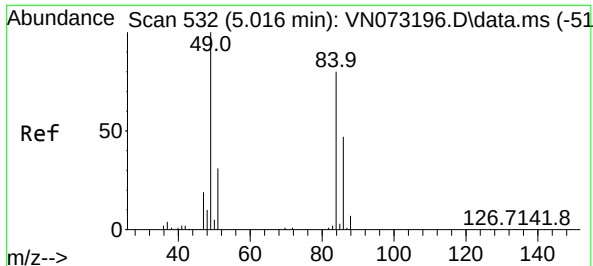
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.440 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

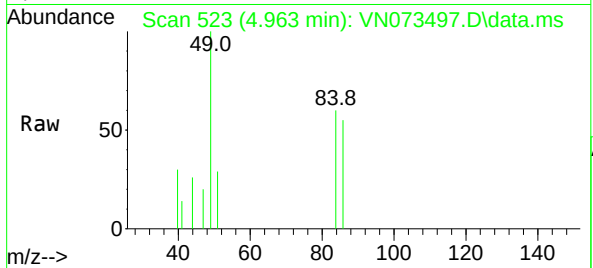
Tgt Ion: 43 Resp: 2598
Ion Ratio Lower Upper
43 100
74 2.1 21.6 32.4#



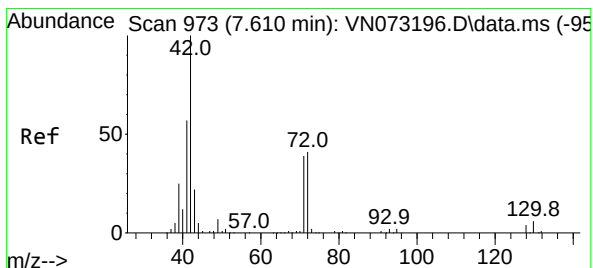
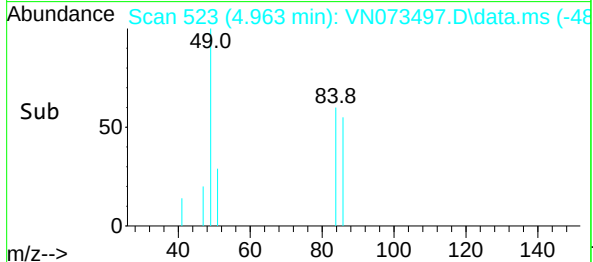
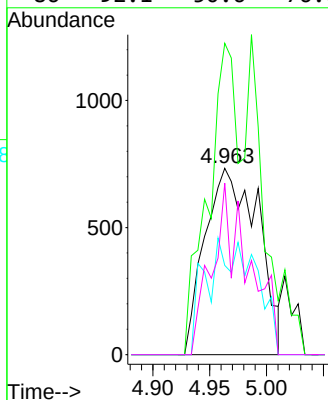


#20
Methylene Chloride
Concen: 0.646 ug/l
RT: 4.963 min Scan# 51
Delta R.T. -0.053 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
PSC124035

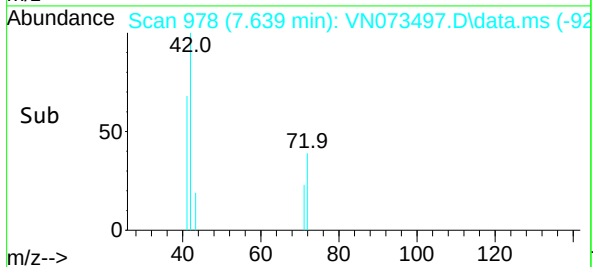
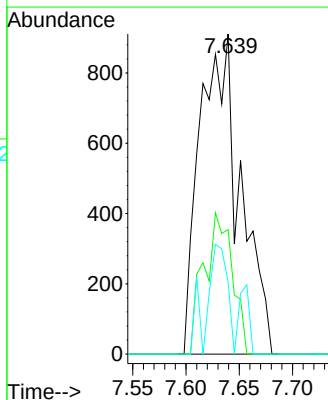
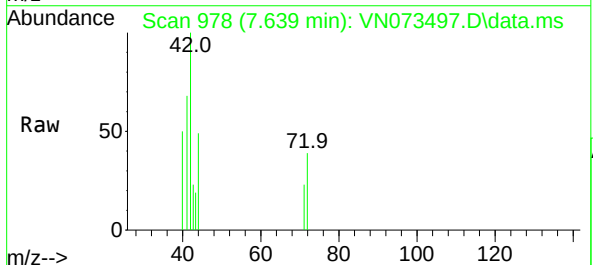


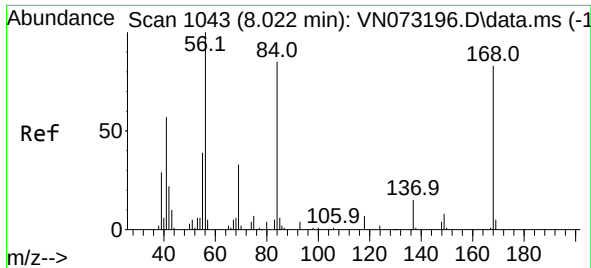
Tgt Ion:	84	Resp:	2391
Ion	Ratio	Lower	Upper
84	100		
49	167.1	88.3	132.5#
51	47.9	28.2	42.2#
86	92.1	50.6	76.0#



#29
Tetrahydrofuran
Concen: 1.046 ug/l
RT: 7.639 min Scan# 978
Delta R.T. 0.029 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion:	42	Resp:	2401
Ion	Ratio	Lower	Upper
42	100		
72	31.2	39.7	59.5#
71	17.8	36.6	55.0#

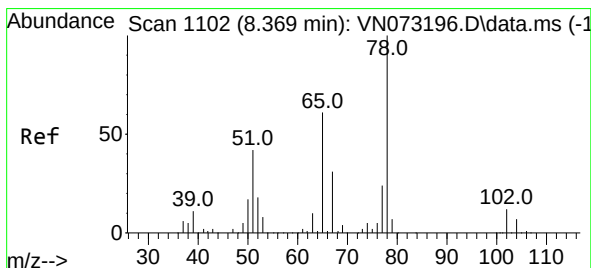
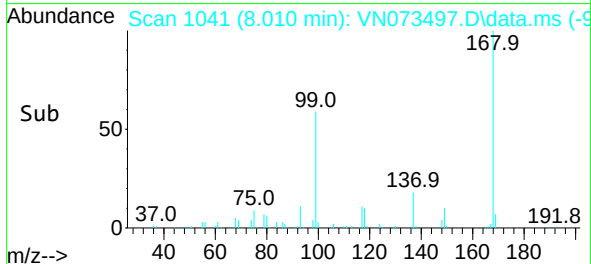
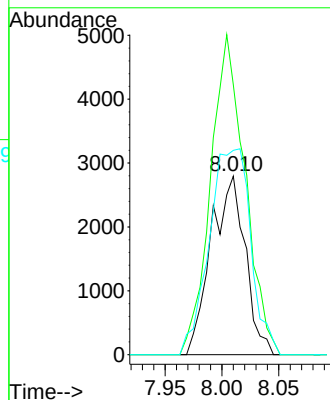
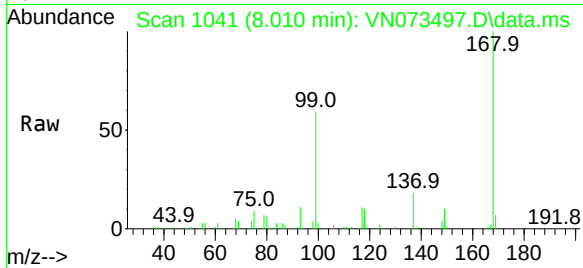




#31
Cyclohexane
Concen: 0.953 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

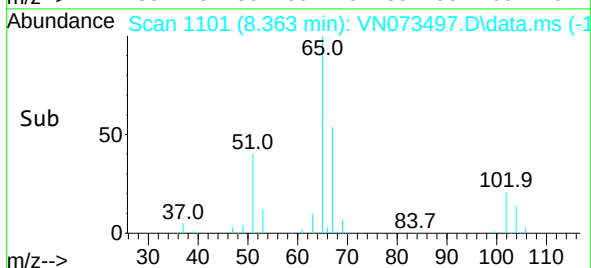
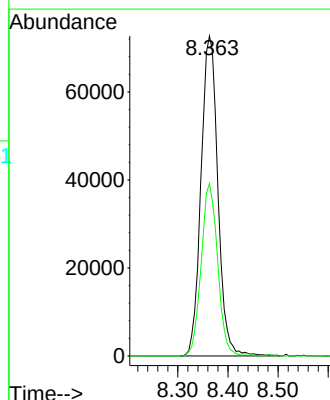
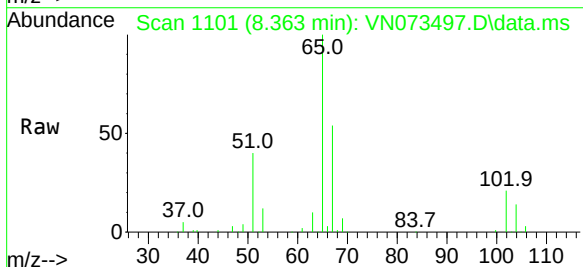
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

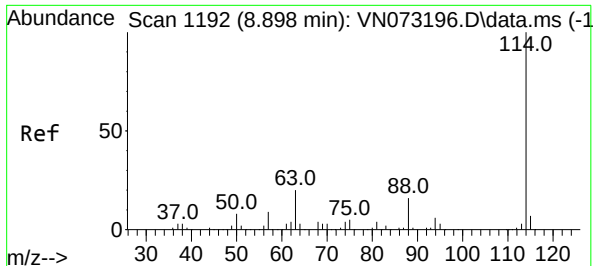
Tgt Ion: 56 Resp: 5858
Ion Ratio Lower Upper
56 100
69 151.1 27.8 41.8#
84 114.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 45.335 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 65 Resp: 170103
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073497.D

Acq: 18 Jul 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

PSC124035

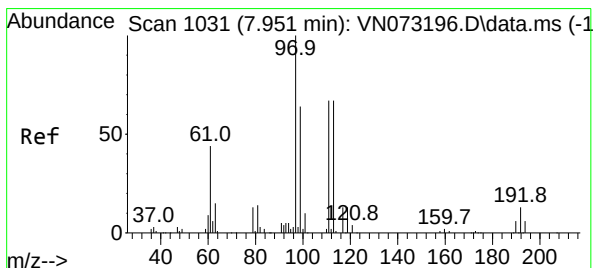
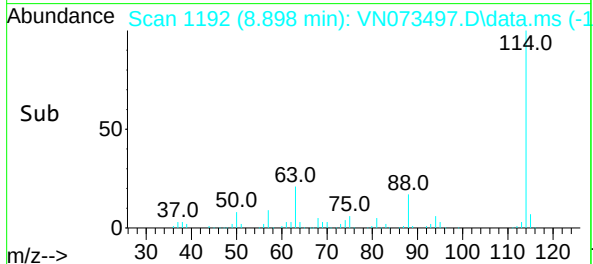
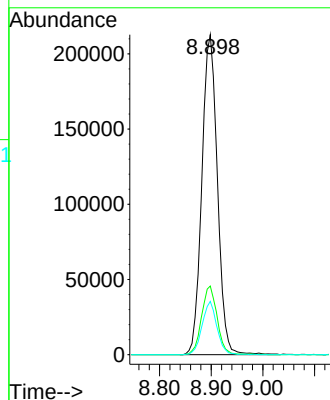
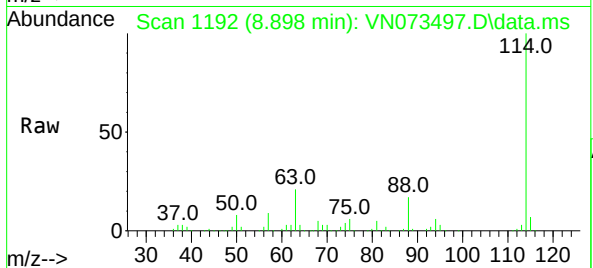
Tgt Ion:114 Resp: 444802

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.992 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073497.D

Acq: 18 Jul 2022 14:26

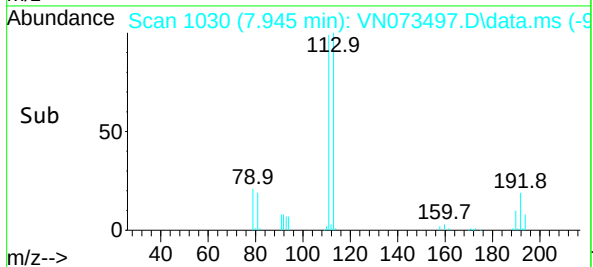
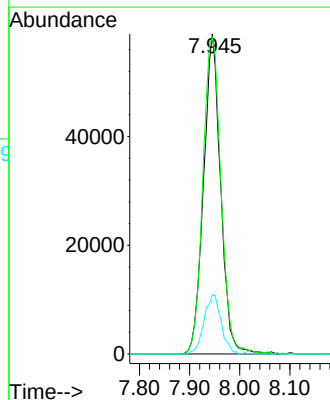
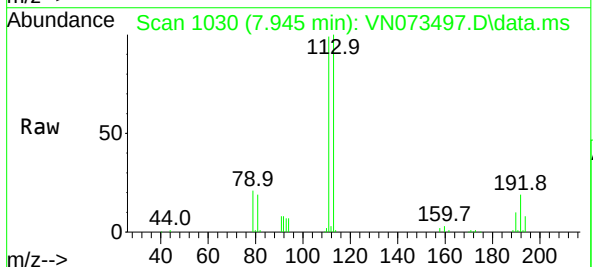
Tgt Ion:113 Resp: 139066

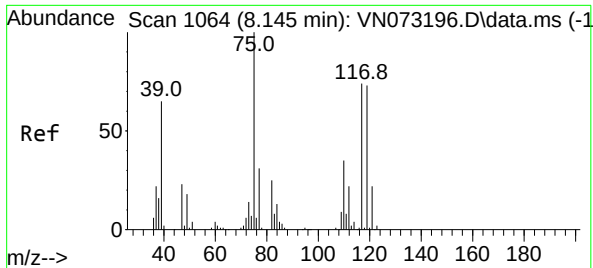
Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

192 18.6 17.0 25.6

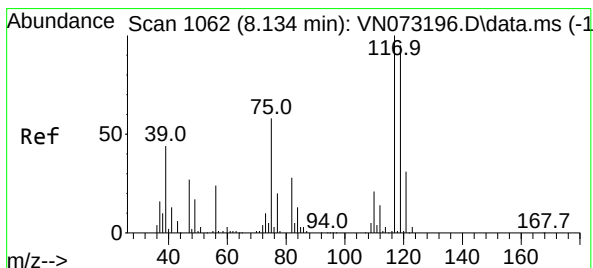
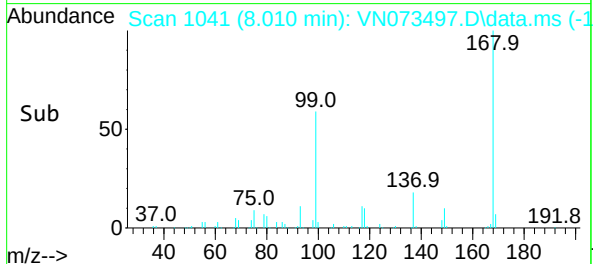
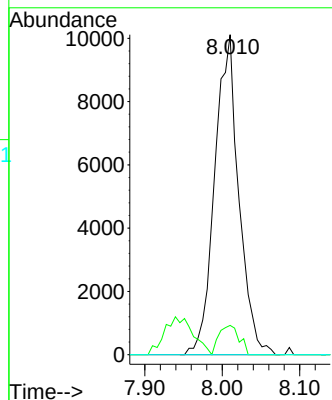
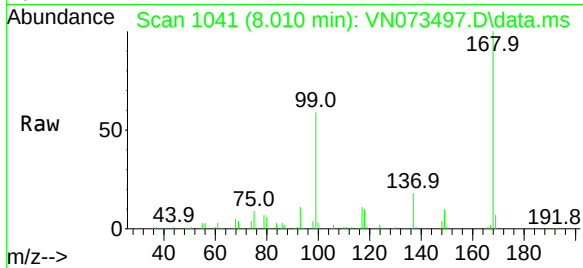




#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.135 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

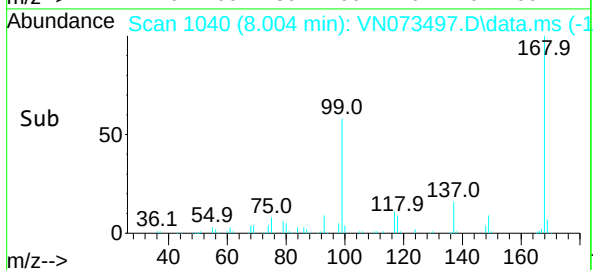
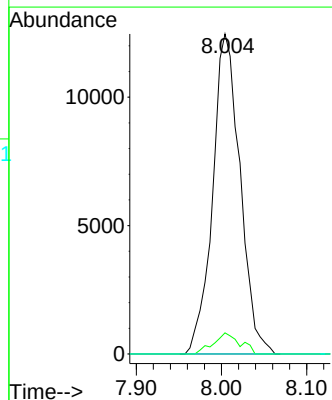
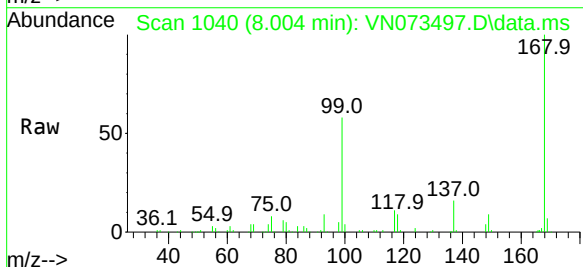
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

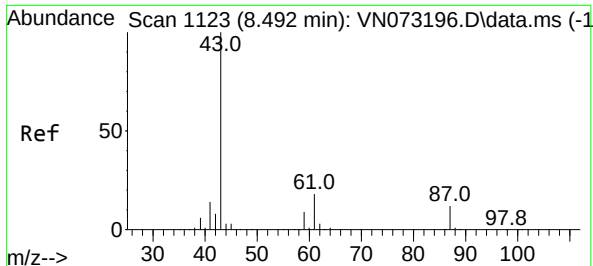
Tgt Ion: 75 Resp: 21870
Ion Ratio Lower Upper
75 100
110 7.7 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.130 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 117 Resp: 27889
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
121 0.0 24.6 37.0#

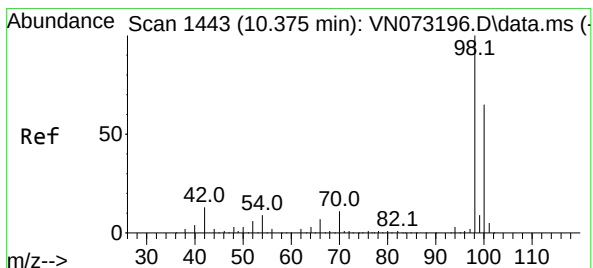
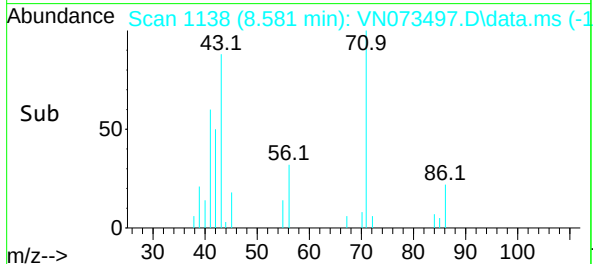
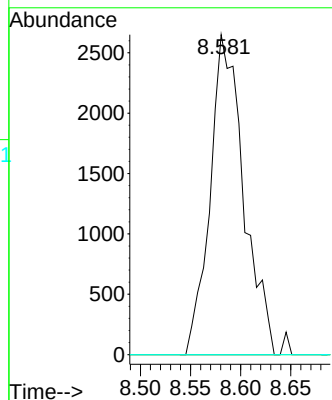
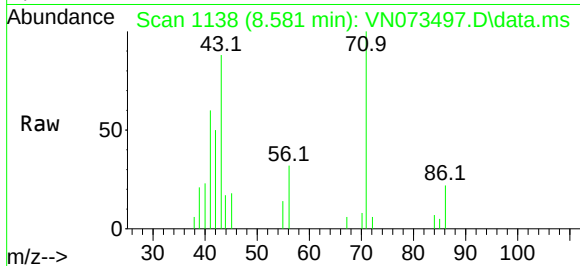




#43
Isopropyl Acetate
Concen: 0.624 ug/l
RT: 8.581 min Scan# 1123
Delta R.T. 0.089 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

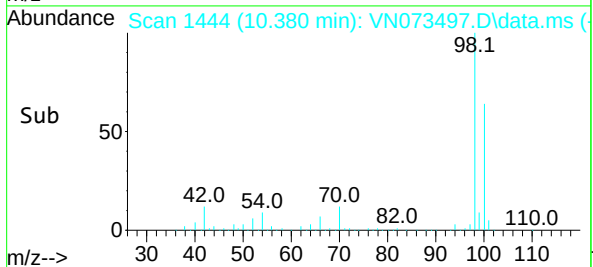
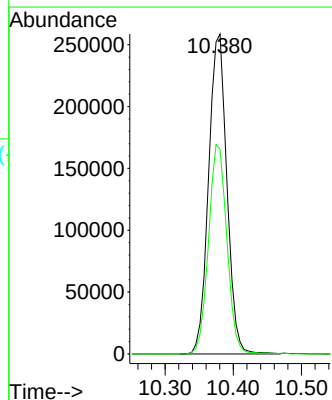
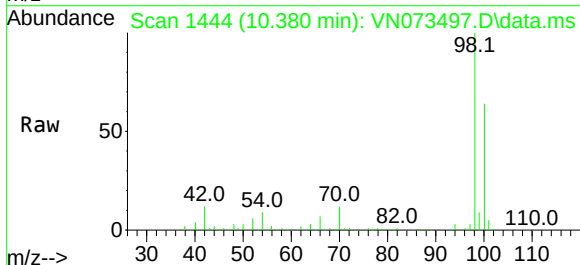
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

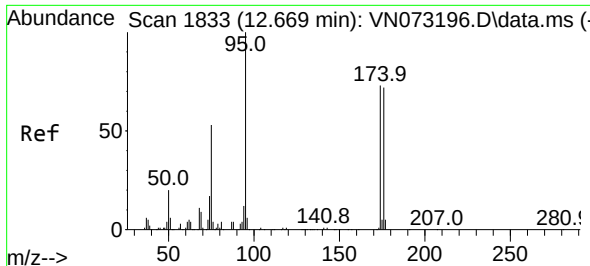
Tgt Ion: 43 Resp: 6167
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.929 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 98 Resp: 482742
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

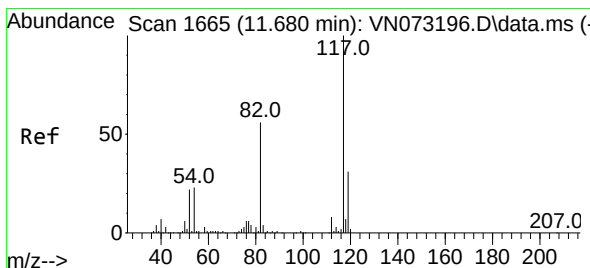
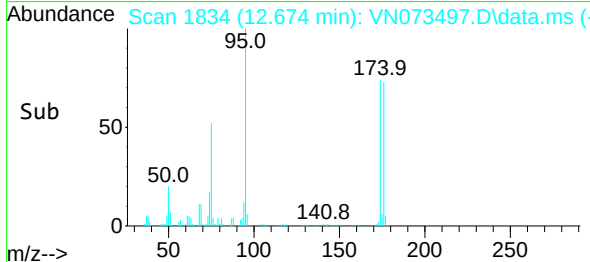
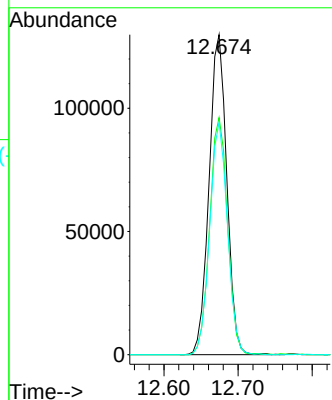
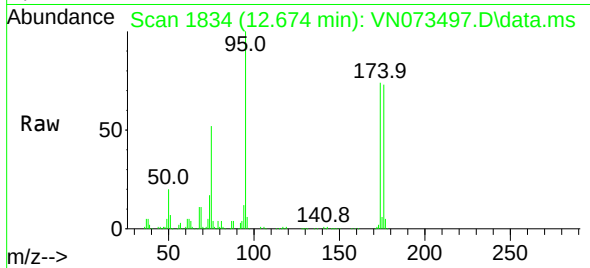




#62
4-Bromofluorobenzene
Concen: 53.336 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

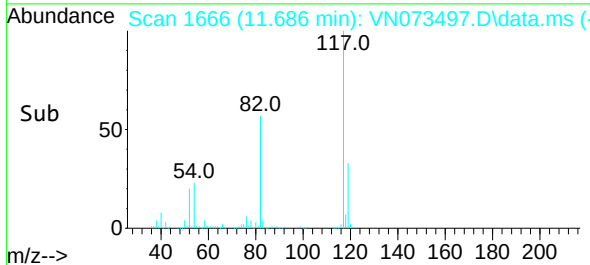
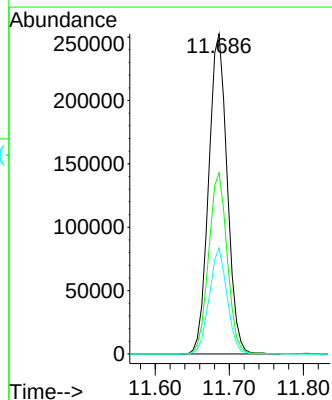
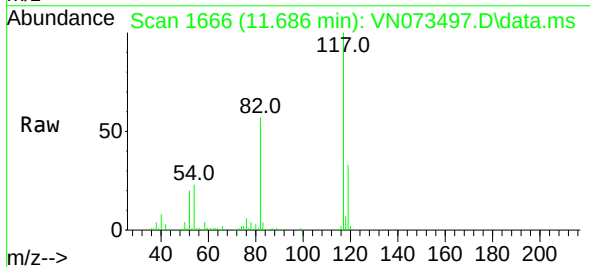
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

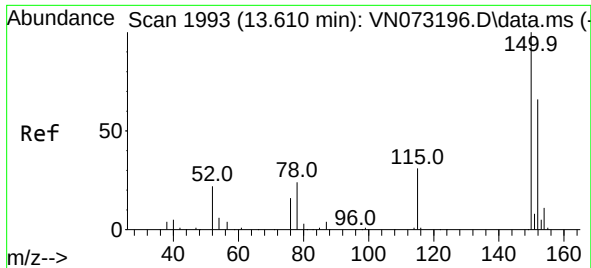
Tgt Ion: 95 Resp: 215433
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 72.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 117 Resp: 438761
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 33.1 25.4 38.0

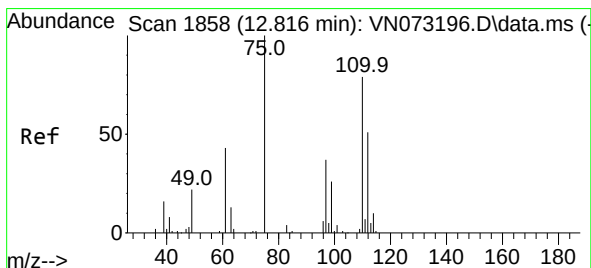
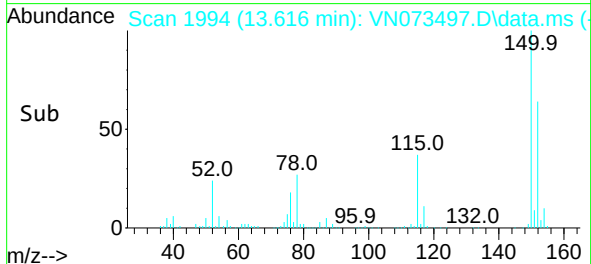
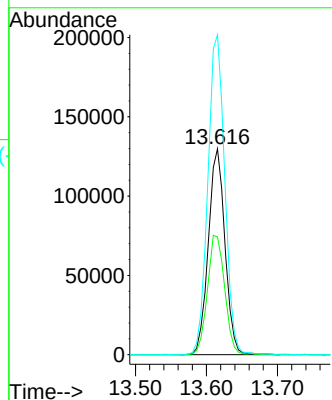
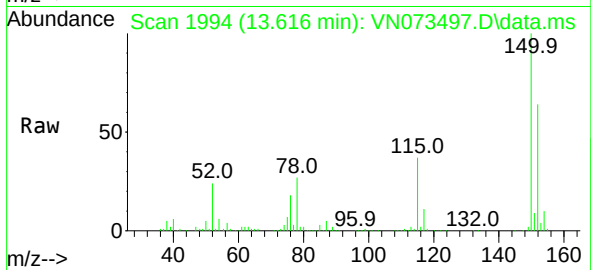




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

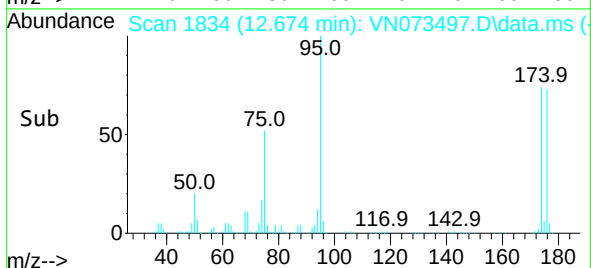
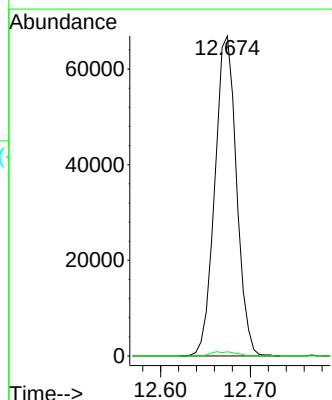
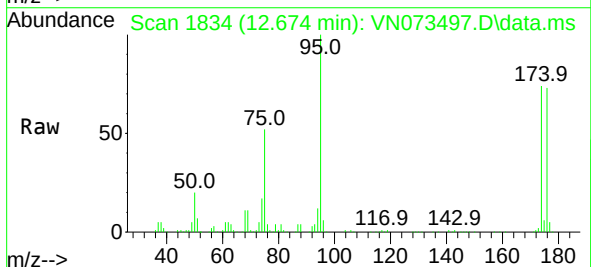
Instrument :
MSVOA_N
ClientSampleId :
PSC124035

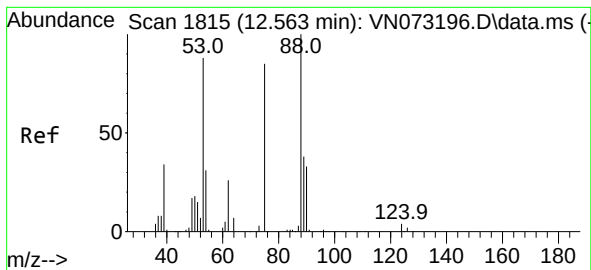
Tgt Ion:152 Resp: 212099
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 157.8 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.250 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073497.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 75 Resp: 112307
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.535 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VN073497.D
 Acq: 18 Jul 2022 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124035

Tgt Ion: 75 Resp: 112307
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

