

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073498.D
 Acq On : 18 Jul 2022 14:51
 Operator : JC\MD
 Sample : N3711-07
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124055

Quant Time: Jul 18 15:32:09 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)

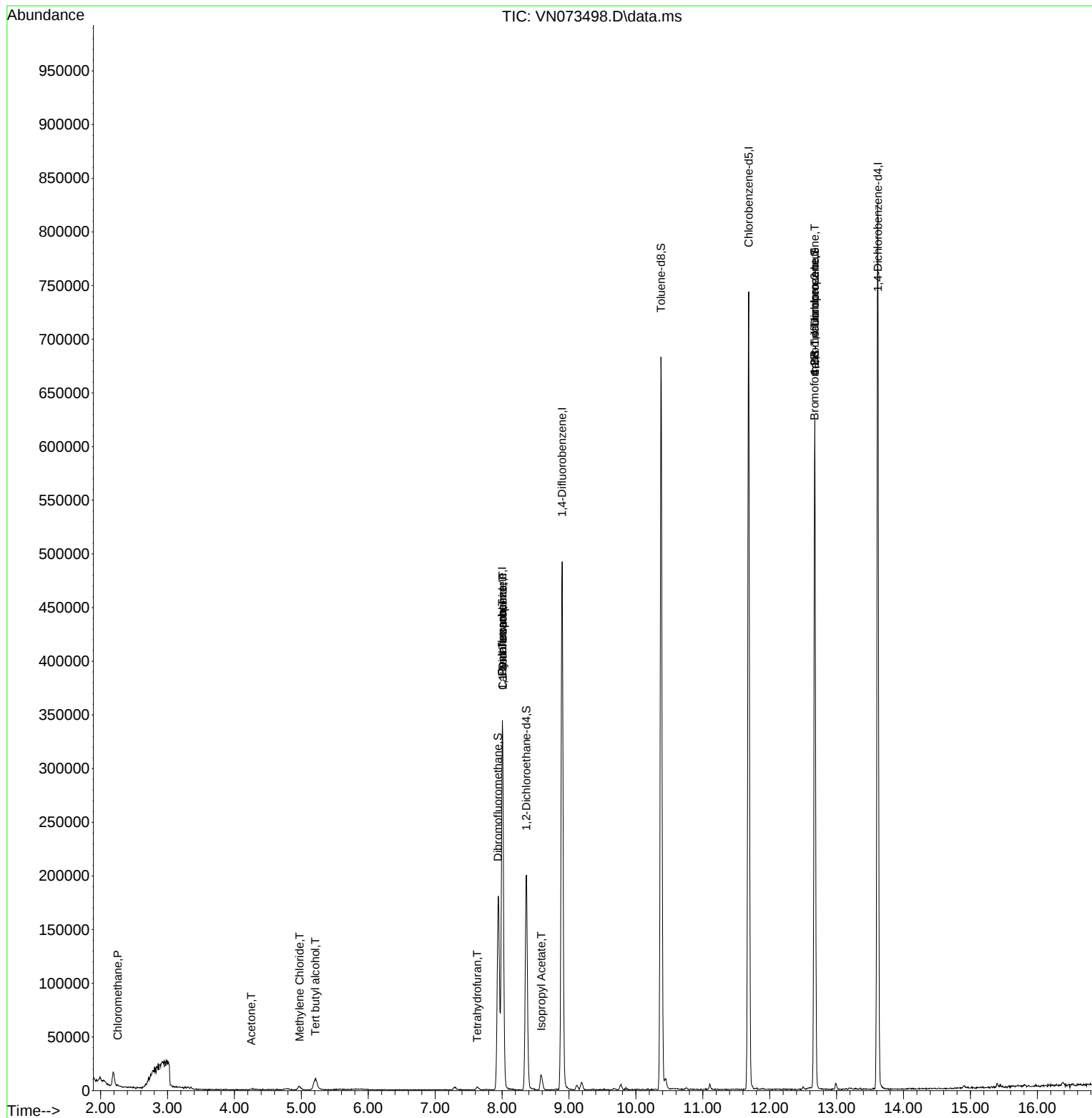
Internal Standards						
1) Pentafluorobenzene	8.004	168	252505	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	428824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	421831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	215494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	167084	45.837	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.680%
35) Dibromofluoromethane	7.939	113	133776	46.889	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	10.375	98	463941	45.785	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.674	95	213794	54.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.257	50	801	0.223	ug/l #	43
11) Tert butyl alcohol	5.210	59	10710	12.129	ug/l #	72
16) Acetone	4.251	43	641	0.313	ug/l #	42
20) Methylene Chloride	4.975	84	2111	0.587	ug/l #	84
29) Tetrahydrofuran	7.628	42	2317	1.039	ug/l #	63
31) Cyclohexane	8.004	56	5795	0.971	ug/l #	1
36) 1,1-Dichloropropene	8.010	75	20984	4.780	ug/l #	49
38) Carbon Tetrachloride	8.010	117	25852	5.695	ug/l #	18
43) Isopropyl Acetate	8.586	43	6415	0.673	ug/l #	54
71) Bromoform	12.669	173	1362	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	111844	19.849	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	111844	54.435	ug/l #	10

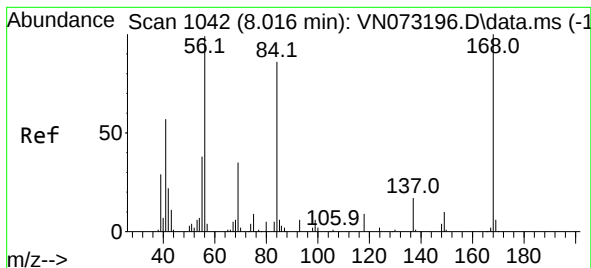
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN073498.D

Acq: 18 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

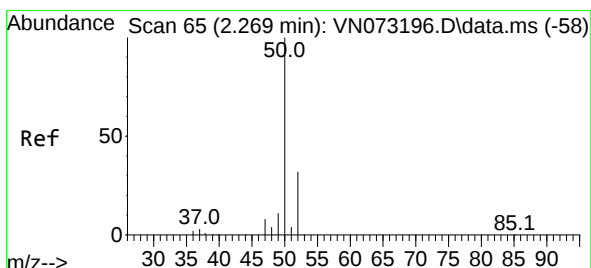
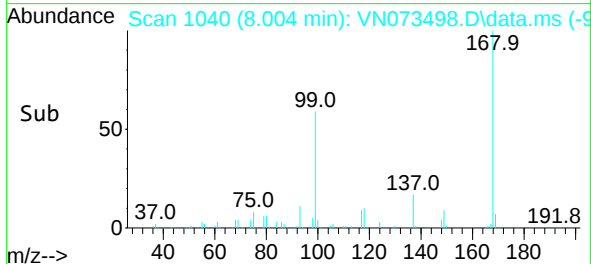
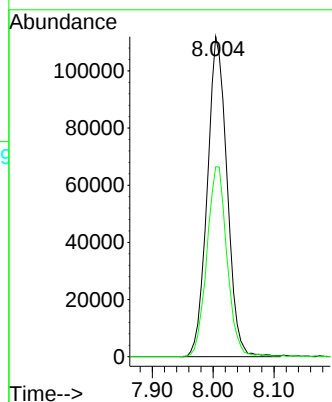
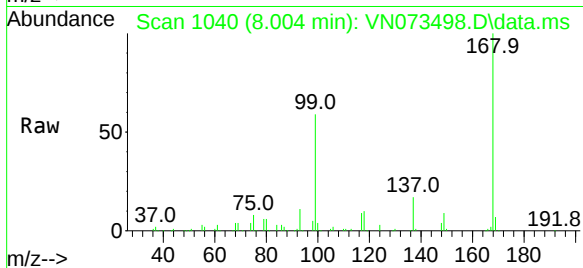
PSC124055

Tgt Ion:168 Resp: 252505

Ion Ratio Lower Upper

168 100

99 59.4 42.3 63.5



#3

Chloromethane

Concen: 0.223 ug/l

RT: 2.257 min Scan# 63

Delta R.T. -0.012 min

Lab File: VN073498.D

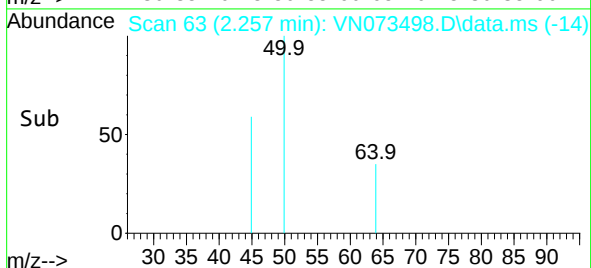
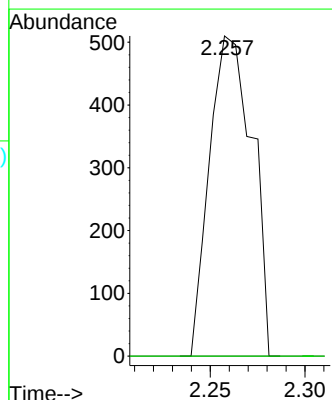
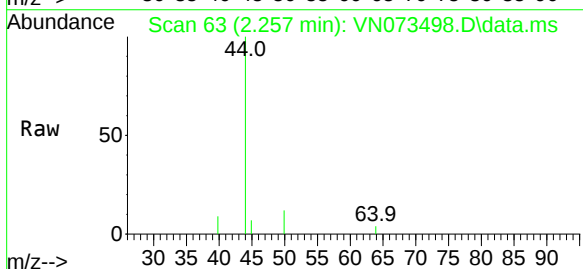
Acq: 18 Jul 2022 14:51

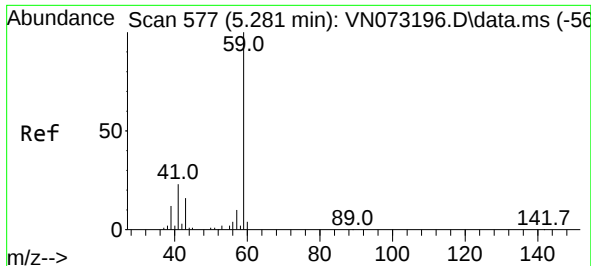
Tgt Ion: 50 Resp: 801

Ion Ratio Lower Upper

50 100

52 0.0 25.7 38.5#

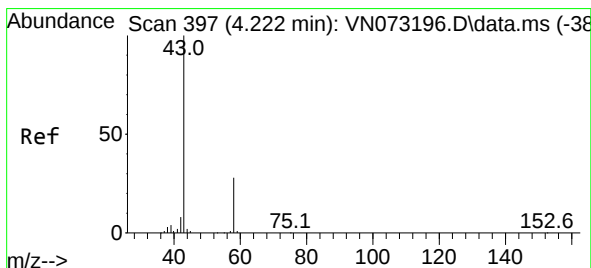
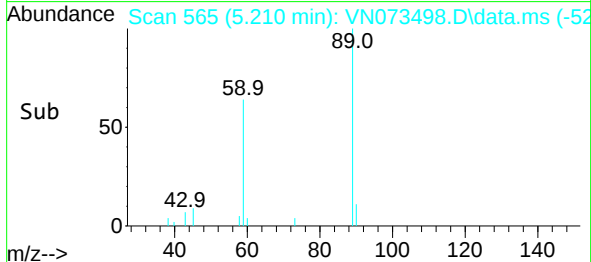
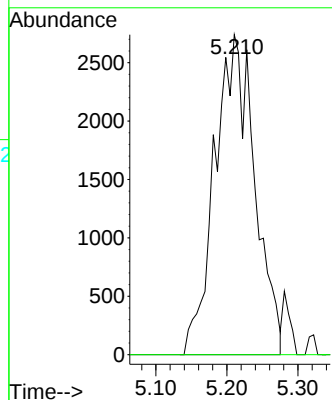
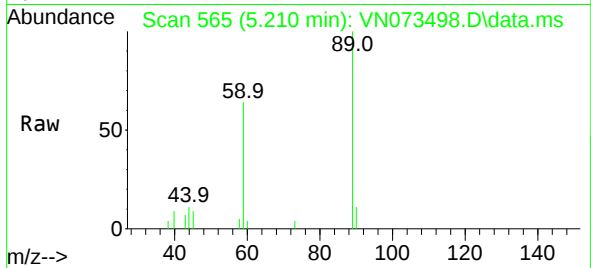




#11
Tert butyl alcohol
Concen: 12.129 ug/l
RT: 5.210 min Scan# 50
Delta R.T. -0.071 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

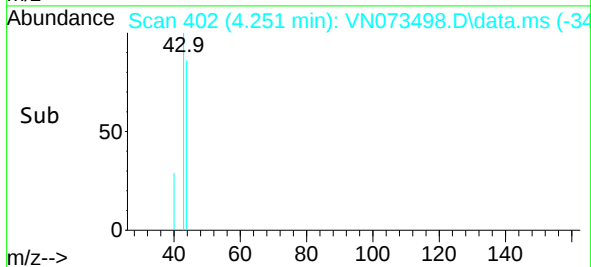
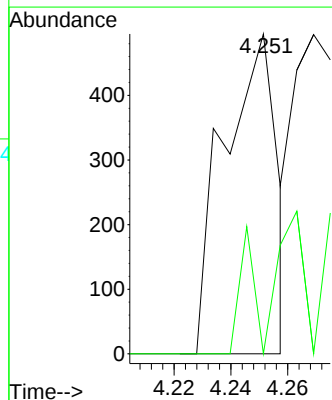
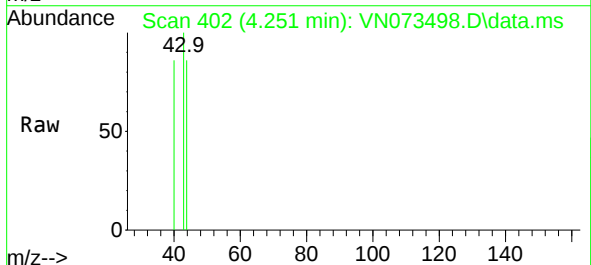
Instrument :
MSVOA_N
ClientSampleId :
PSC124055

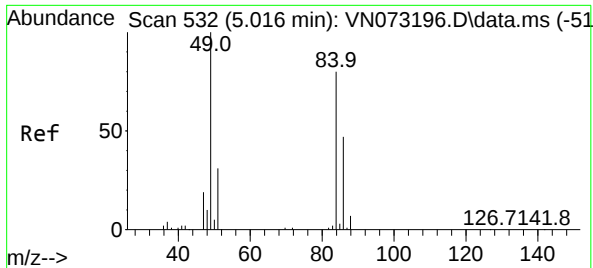
Tgt Ion: 59 Resp: 10710
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.313 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



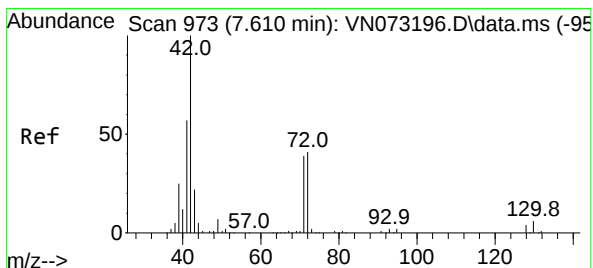
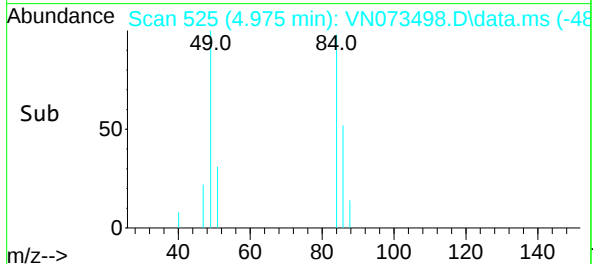
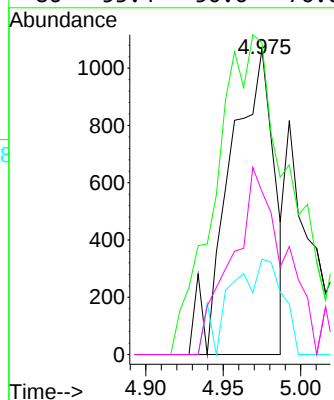
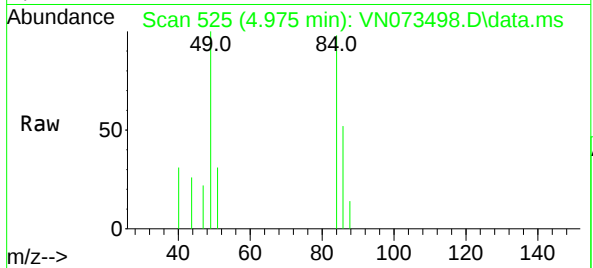


#20
Methylene Chloride
Concen: 0.587 ug/l
RT: 4.975 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
PSC124055

Tgt Ion: 84 Resp: 2111

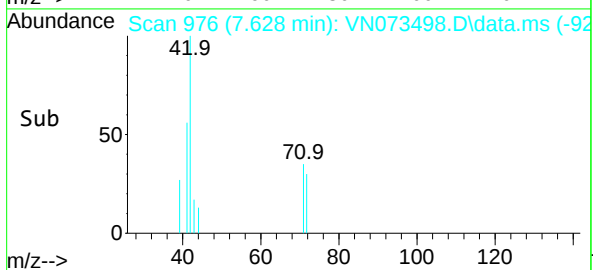
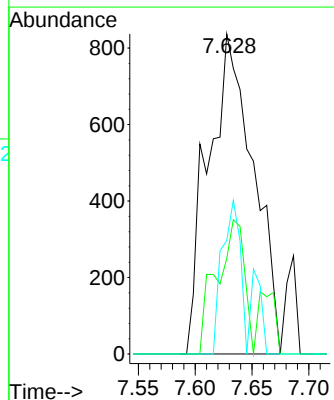
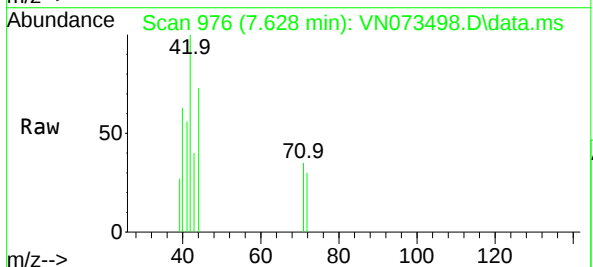
Ion	Ratio	Lower	Upper
84	100		
49	87.8	88.3	132.5#
51	31.2	28.2	42.2
86	53.4	50.6	76.0

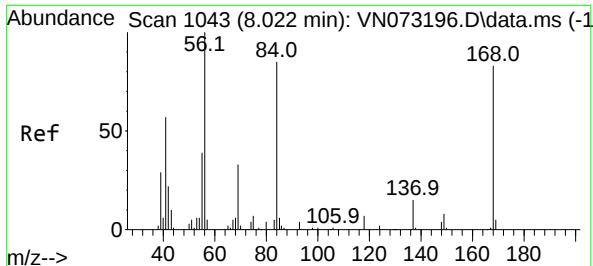


#29
Tetrahydrofuran
Concen: 1.039 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.018 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Tgt Ion: 42 Resp: 2317

Ion	Ratio	Lower	Upper
42	100		
72	25.9	39.7	59.5#
71	19.2	36.6	55.0#





#31

Cyclohexane

Concen: 0.971 ug/l

RT: 8.004 min Scan# 1101

Delta R.T. -0.018 min

Lab File: VN073498.D

Acq: 18 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

PSC124055

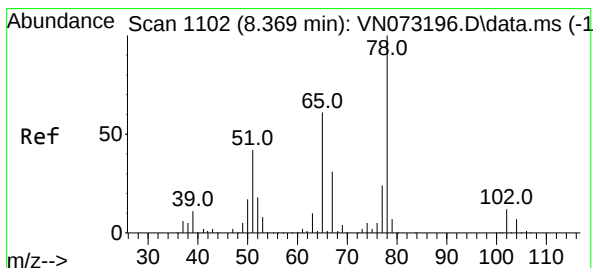
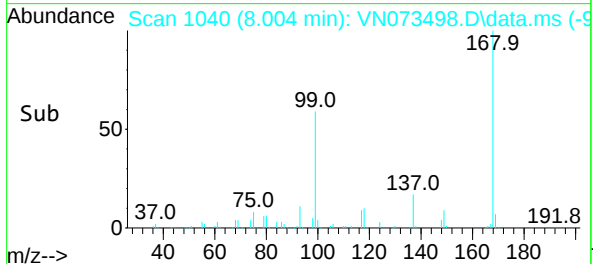
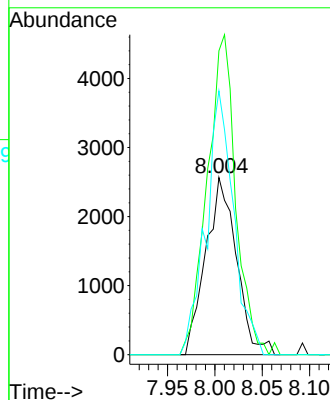
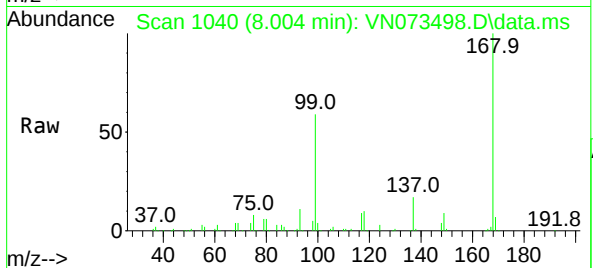
Tgt Ion: 56 Resp: 5795

Ion Ratio Lower Upper

56 100

69 171.5 27.8 41.8#

84 148.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 45.837 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN073498.D

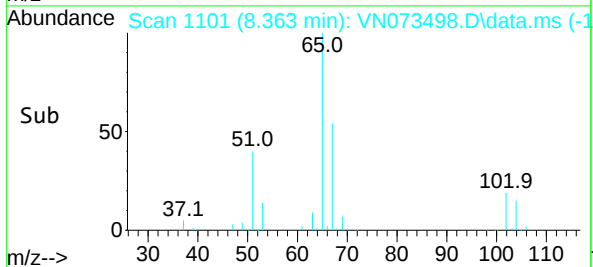
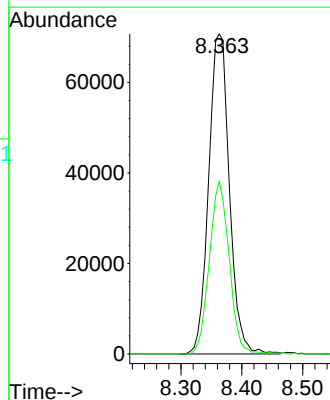
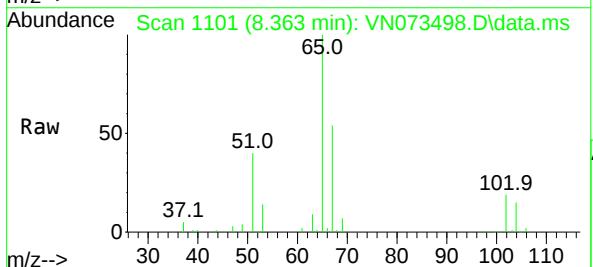
Acq: 18 Jul 2022 14:51

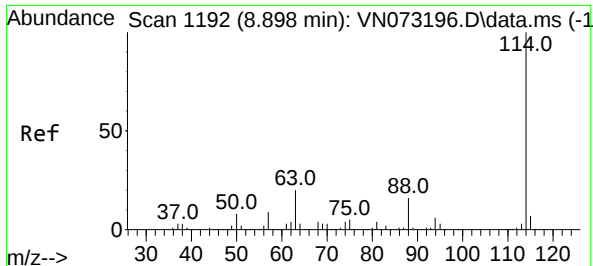
Tgt Ion: 65 Resp: 167084

Ion Ratio Lower Upper

65 100

67 51.6 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: VN073498.D

Acq: 18 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

PSC124055

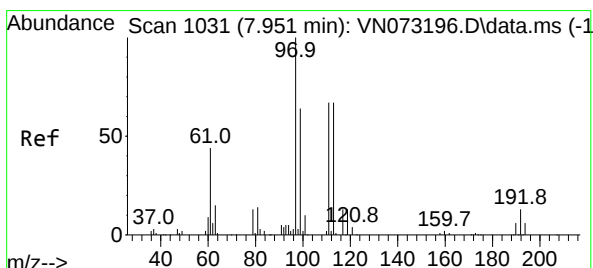
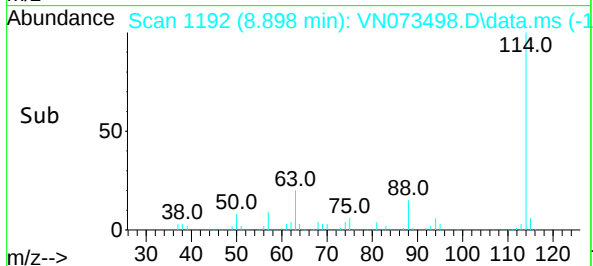
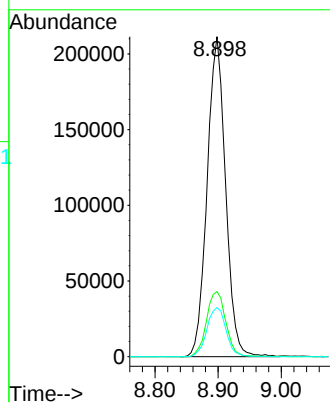
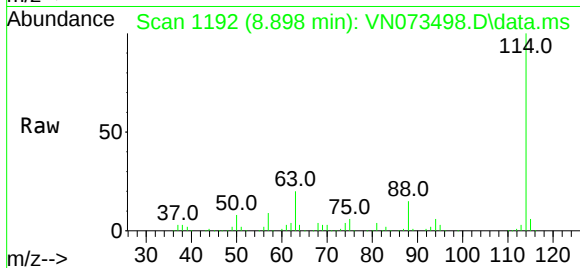
Tgt Ion:114 Resp: 428824

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.889 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VN073498.D

Acq: 18 Jul 2022 14:51

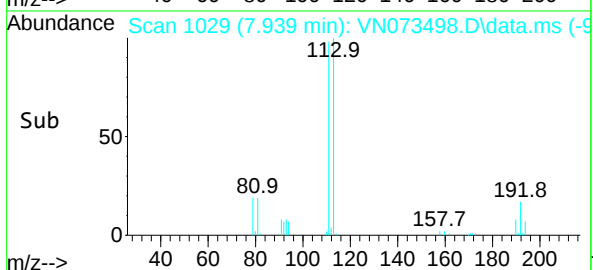
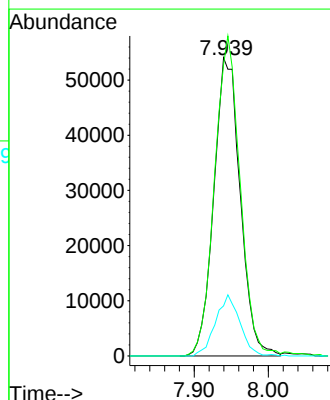
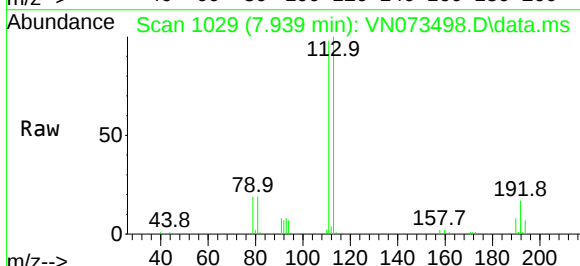
Tgt Ion:113 Resp: 133776

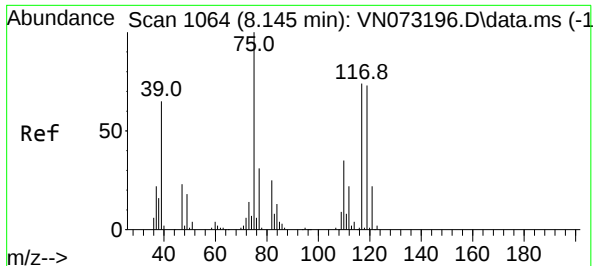
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 19.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.780 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.135 min

Lab File: VN073498.D

Acq: 18 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

PSC124055

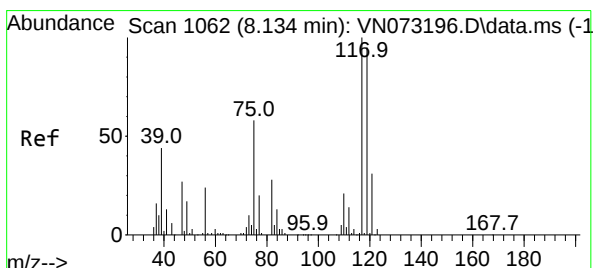
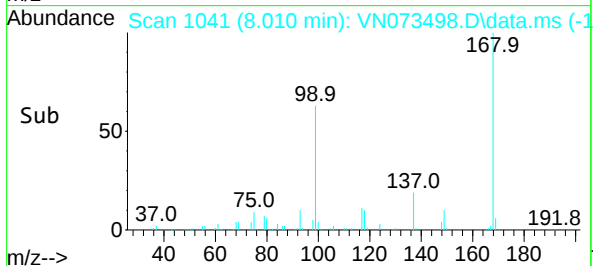
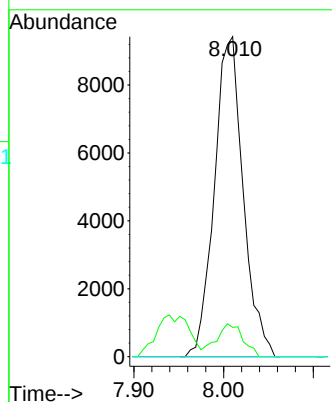
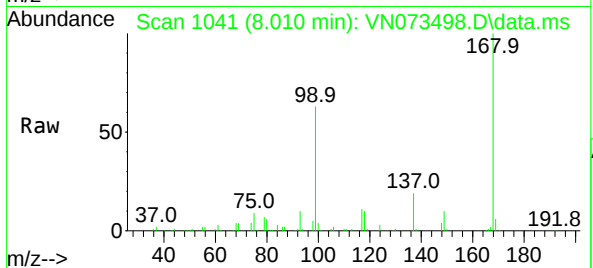
Tgt Ion: 75 Resp: 20984

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.695 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.124 min

Lab File: VN073498.D

Acq: 18 Jul 2022 14:51

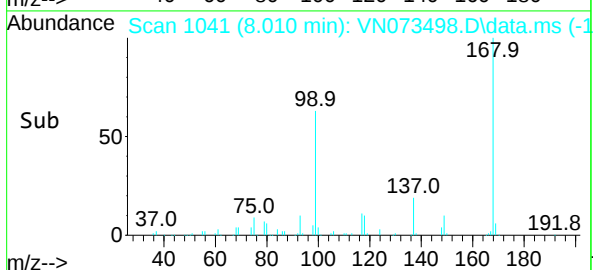
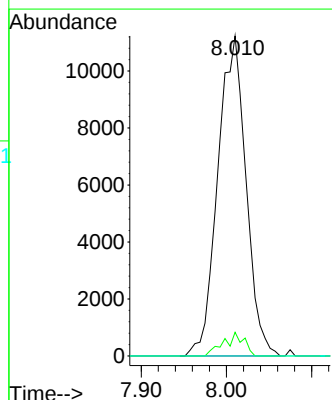
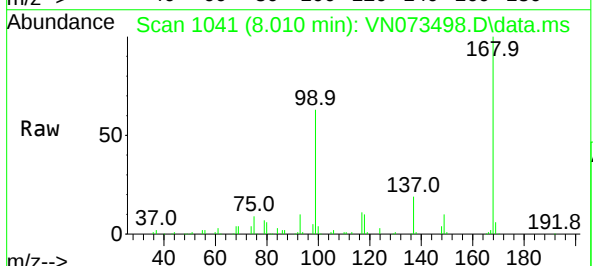
Tgt Ion: 117 Resp: 25852

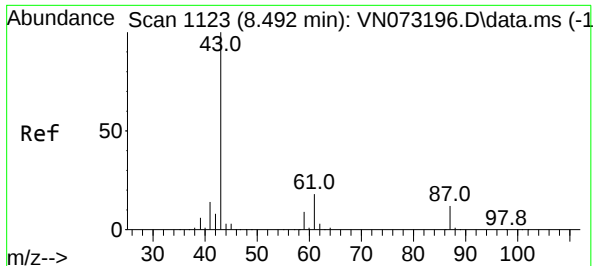
Ion Ratio Lower Upper

117 100

119 7.4 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.673 ug/l

RT: 8.586 min Scan# 1123

Delta R.T. 0.094 min

Lab File: VN073498.D

Acq: 18 Jul 2022 14:51

Instrument :

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PSC124055

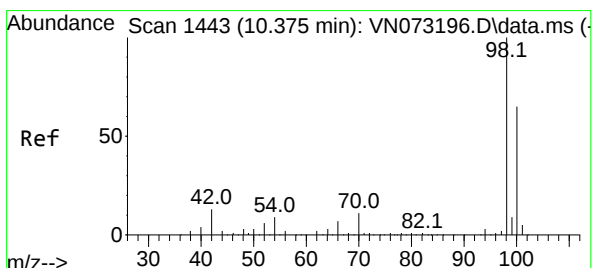
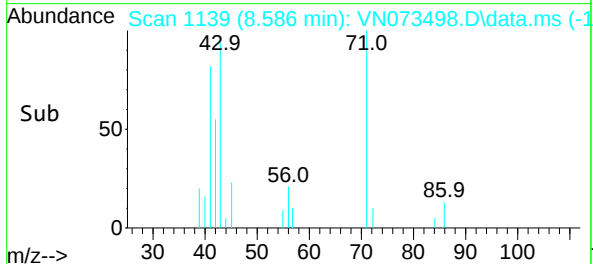
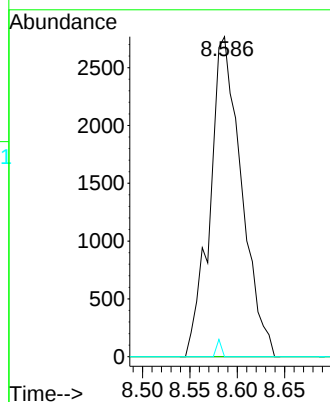
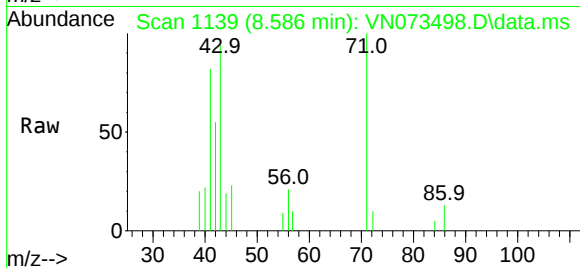
Tgt Ion: 43 Resp: 6415

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.8 12.0 18.0#



#50

Toluene-d8

Concen: 45.785 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073498.D

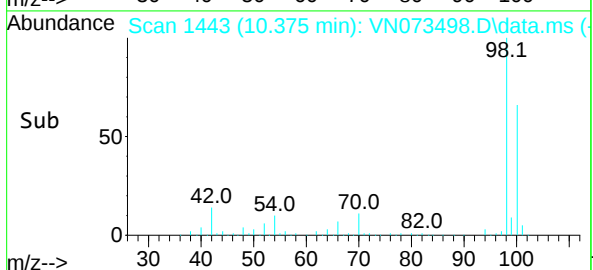
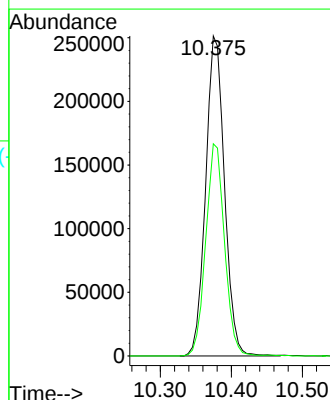
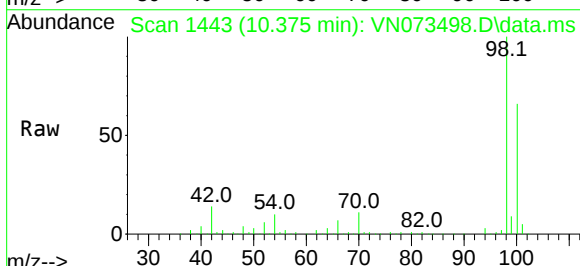
Acq: 18 Jul 2022 14:51

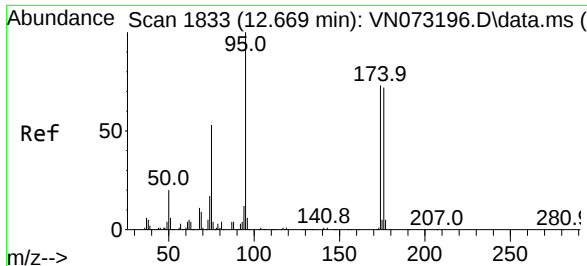
Tgt Ion: 98 Resp: 463941

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

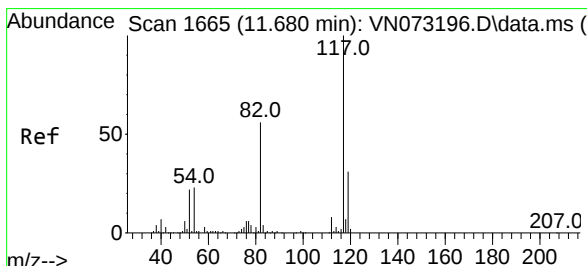
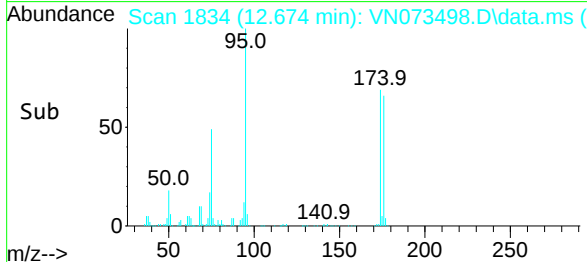
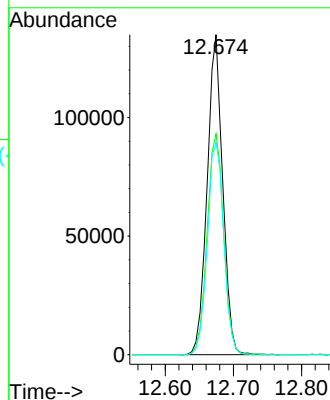
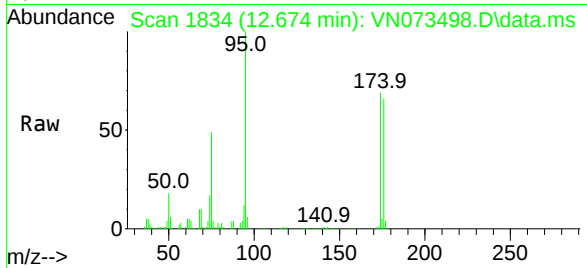




#62
4-Bromofluorobenzene
Concen: 54.903 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

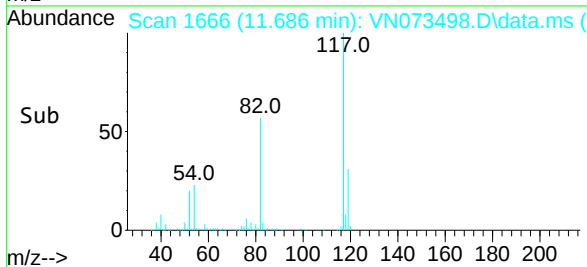
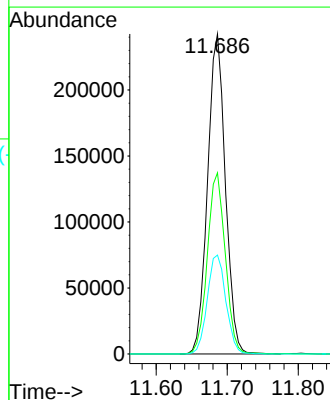
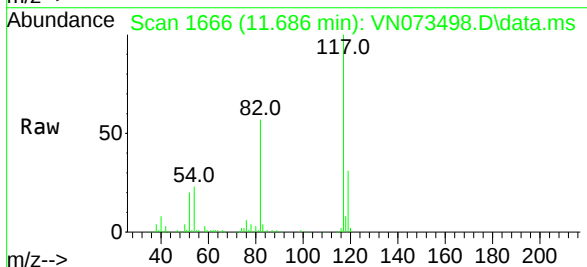
Instrument :
MSVOA_N
ClientSampleId :
PSC124055

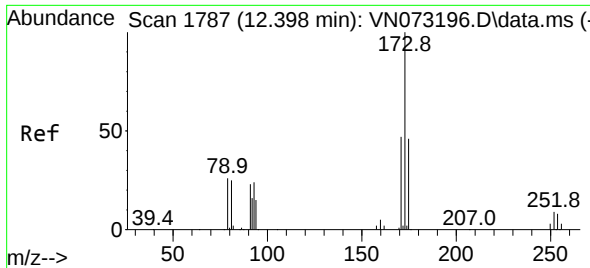
Tgt Ion: 95 Resp: 213794
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 69.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Tgt Ion: 117 Resp: 421831
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 30.9 25.4 38.0

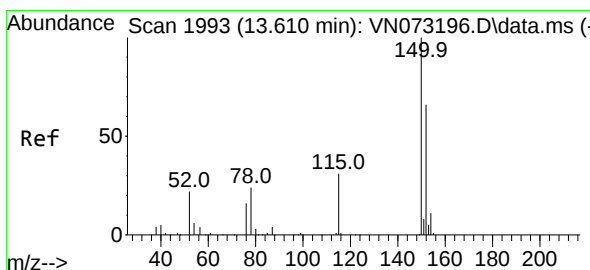
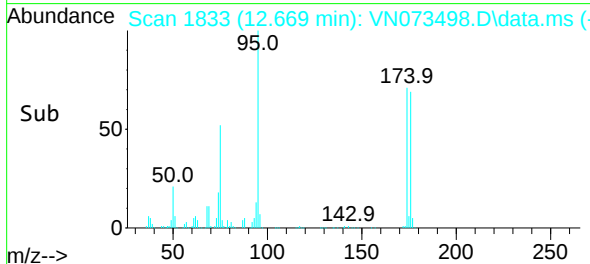
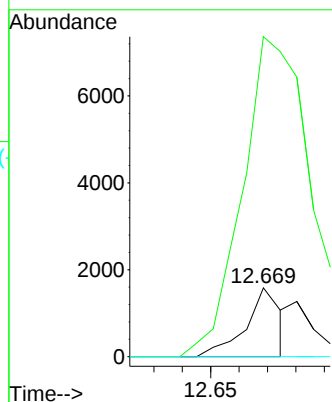
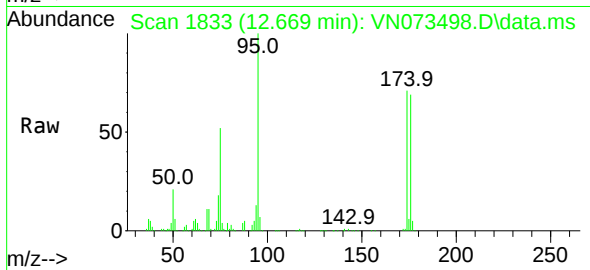




#71
Bromoform
Concen: 0.530 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

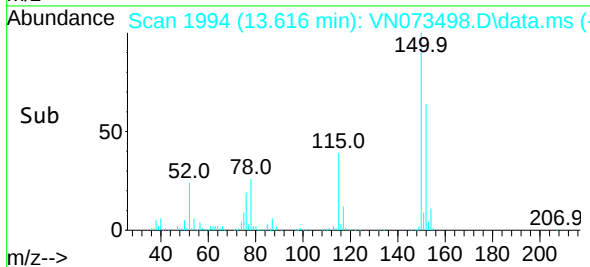
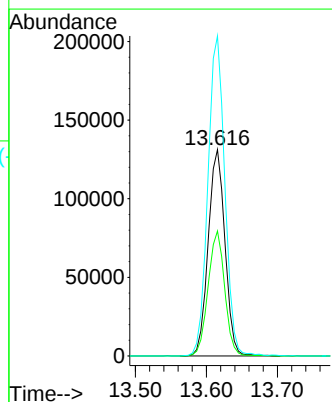
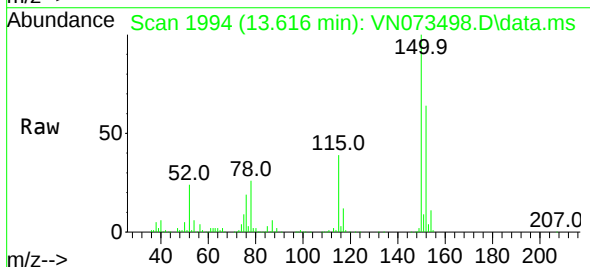
Instrument :
MSVOA_N
ClientSampleId :
PSC124055

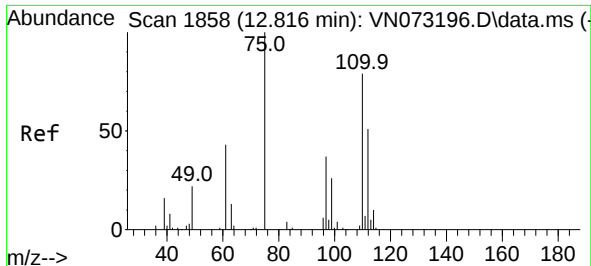
Tgt Ion:173 Resp: 1362
Ion Ratio Lower Upper
173 100
175 571.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Tgt Ion:152 Resp: 215494
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 156.4 0.0 356.2

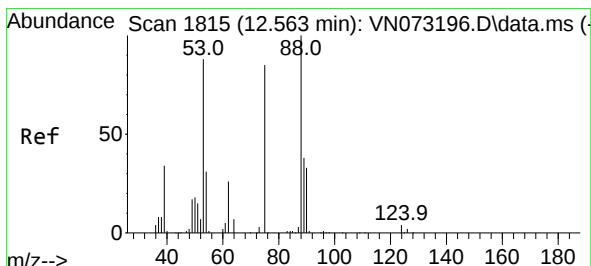
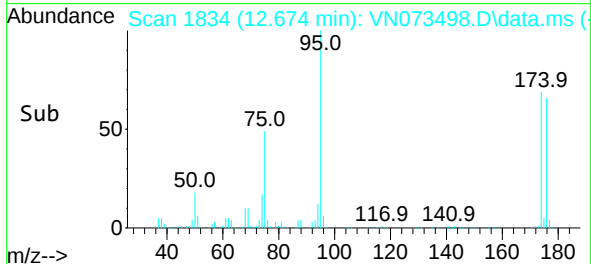
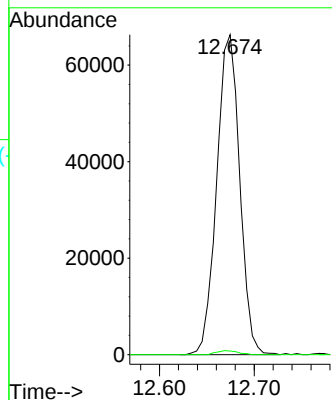
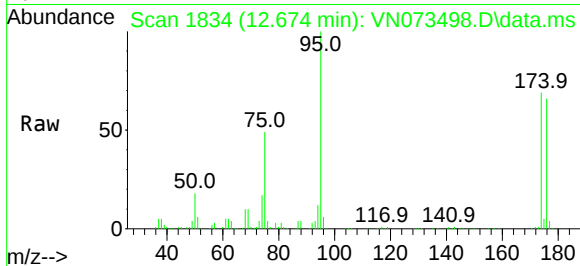




#76
1,2,3-Trichloropropane
Concen: 19.849 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
PSC124055

Tgt Ion: 75 Resp: 111844
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.435 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.111 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Tgt Ion: 75 Resp: 111844
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#

