

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016489.D
 Acq On : 24 Nov 2023 17:02
 Operator : SY/MD
 Sample : 05434-04
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:47:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

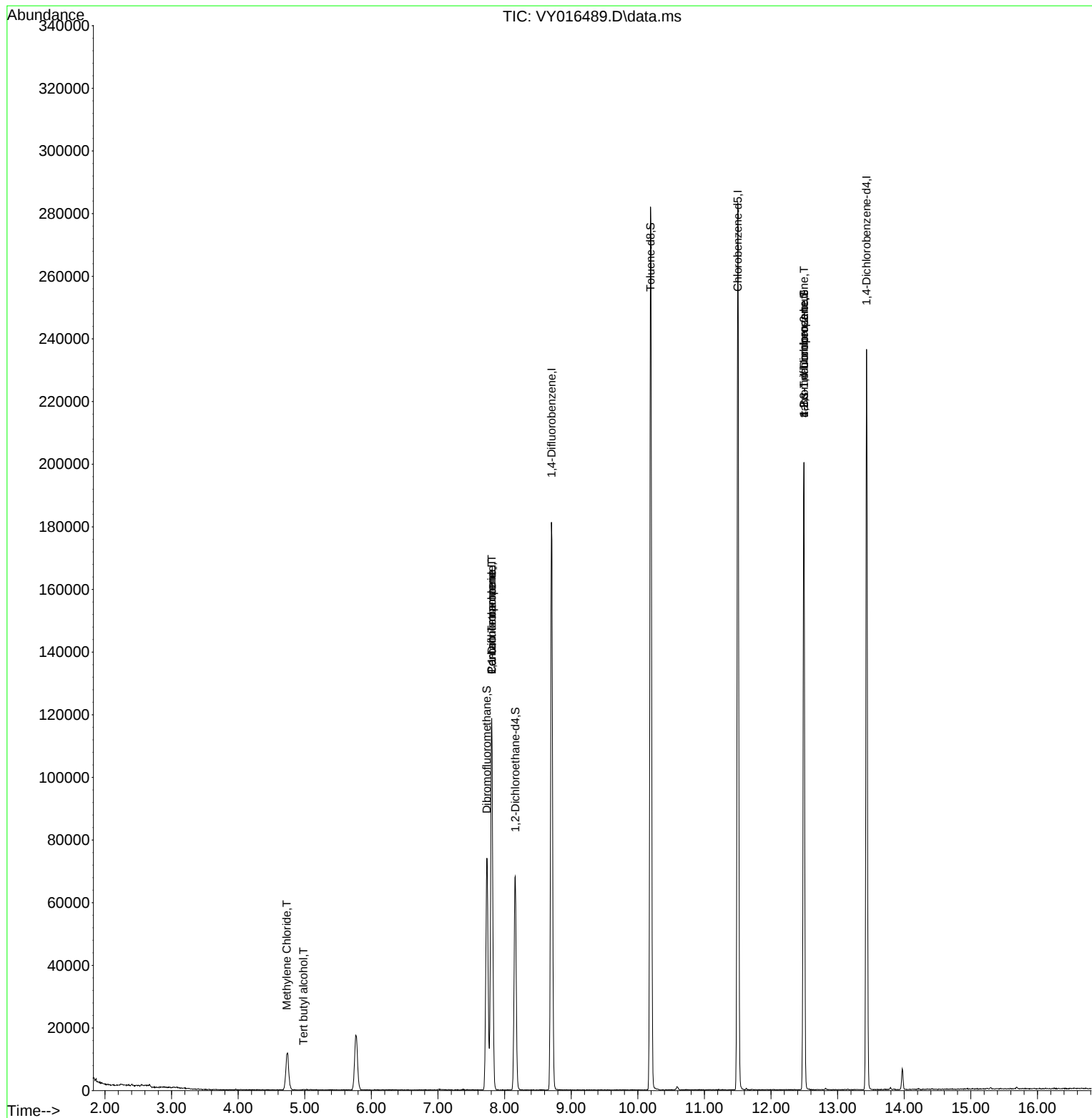
Internal Standards						
1) Pentafluorobenzene	7.807	168	95767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	167817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	161034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	65200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	55962	63.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.880%	
35) Dibromofluoromethane	7.734	113	54266	56.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.840%	
50) Toluene-d8	10.191	98	197550	51.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.495	95	62670	49.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	124	1.809	ug/l #	89
20) Methylene Chloride	4.729	84	10067	6.838	ug/l #	79
36) 1,1-Dichloropropene	7.807	75	6694	4.044	ug/l #	50
38) Carbon Tetrachloride	7.807	117	9379	5.459	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	31490	50.347	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	31490	109.283	ug/l #	10

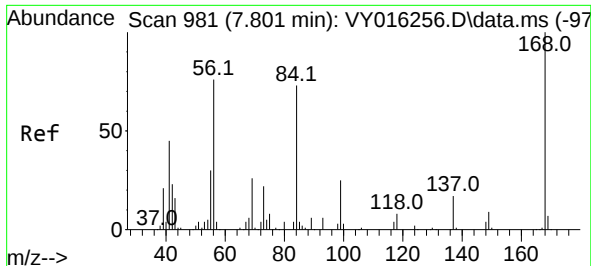
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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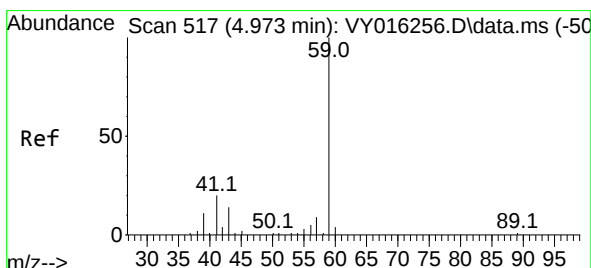
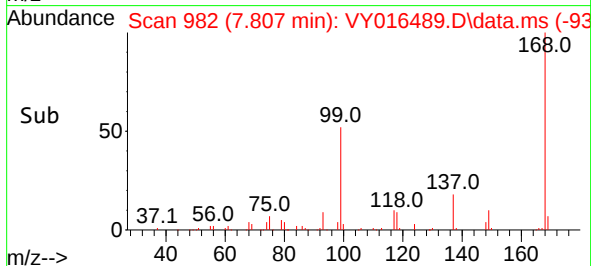
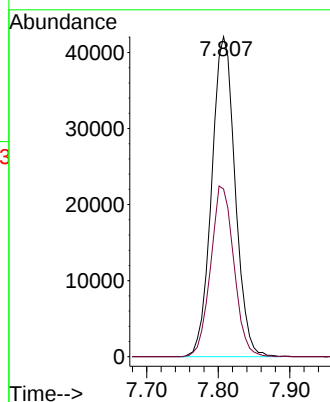
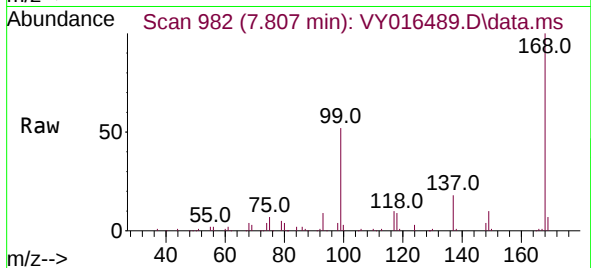




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

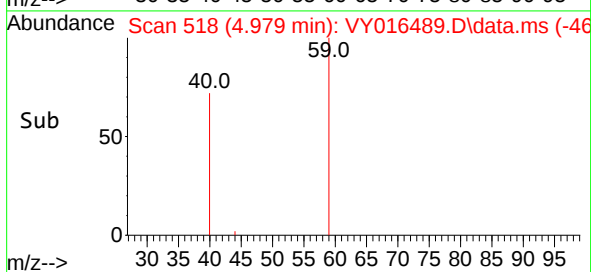
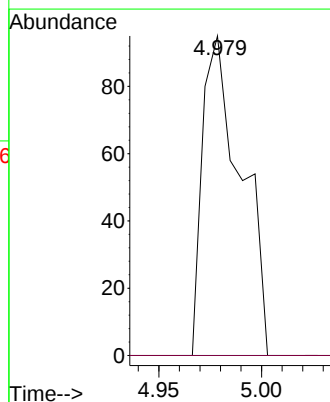
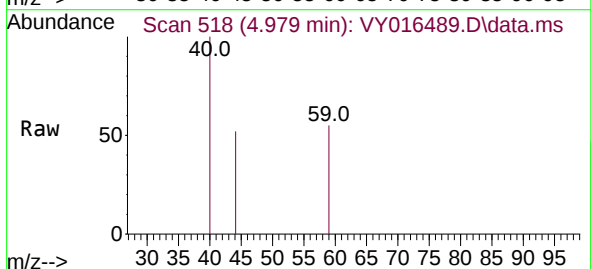
Instrument :
MSVOA_Y
ClientSampleId :

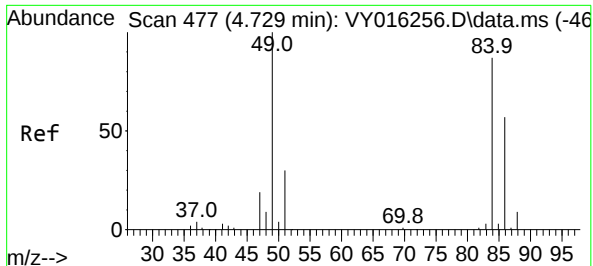
Tgt Ion:168 Resp: 95767
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.809 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#20

Methylene Chloride

Concen: 6.838 ug/l

RT: 4.729 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY016489.D

Acq: 24 Nov 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 10067

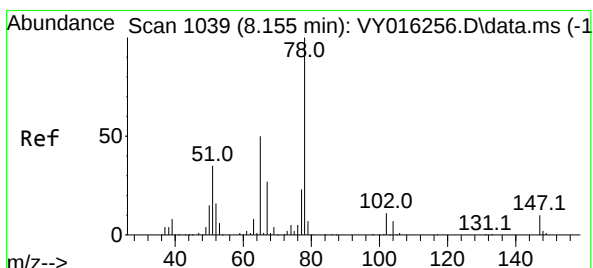
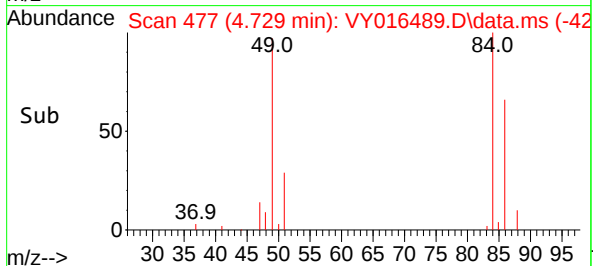
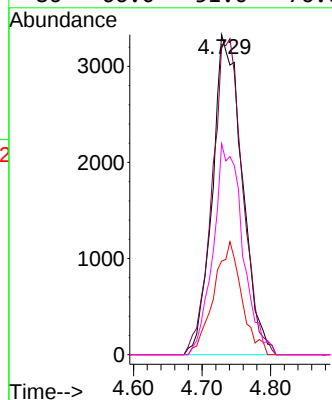
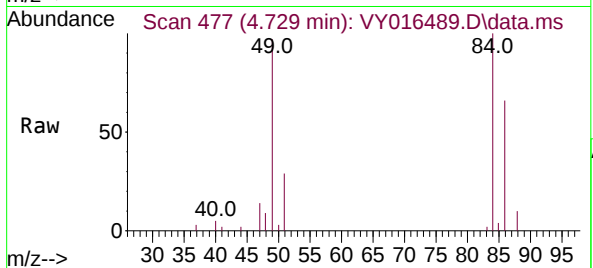
Ion Ratio Lower Upper

84 100

49 96.9 106.9 160.3#

51 29.3 33.2 49.8#

86 66.0 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 63.937 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY016489.D

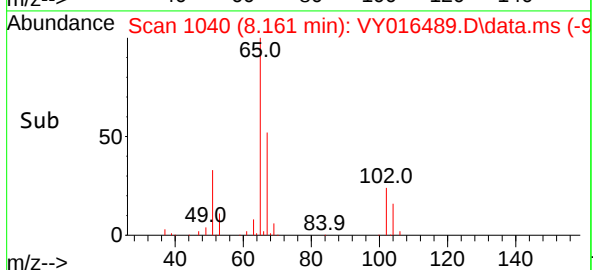
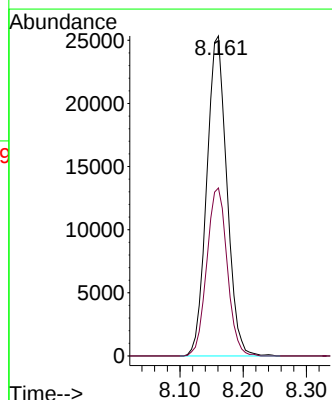
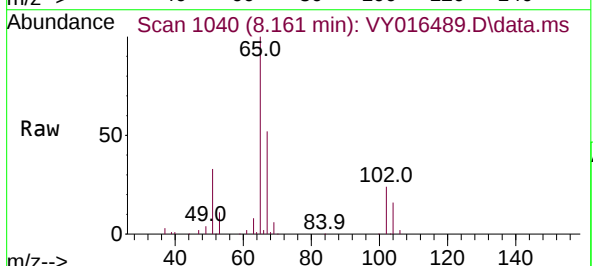
Acq: 24 Nov 2023 17:02

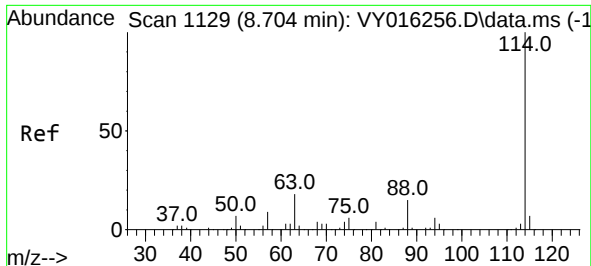
Tgt Ion: 65 Resp: 55962

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8

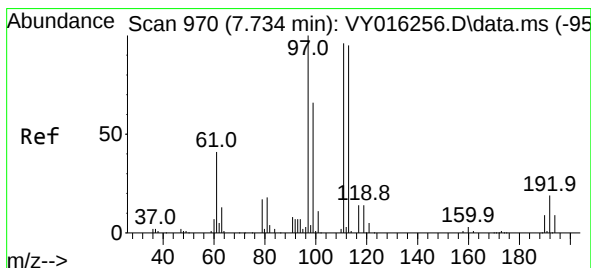
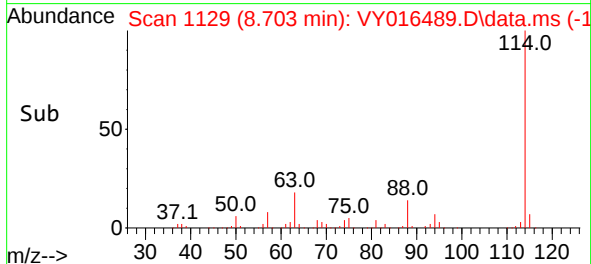
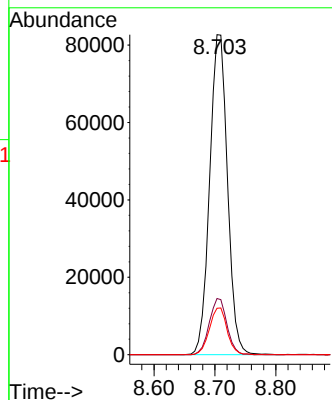
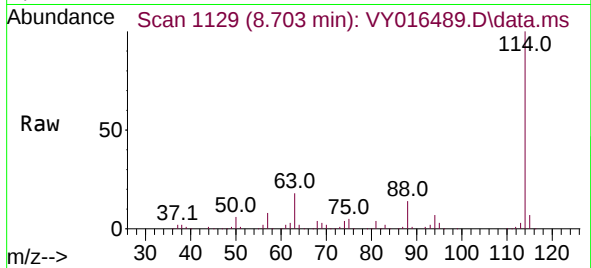




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

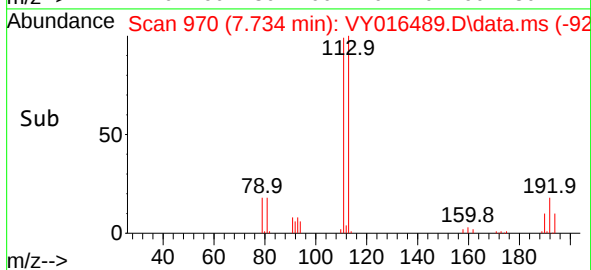
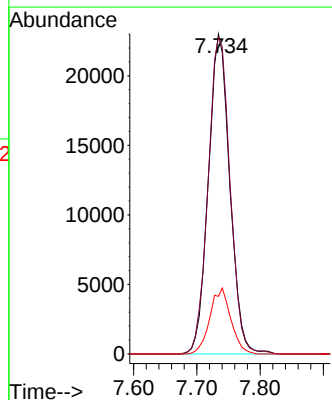
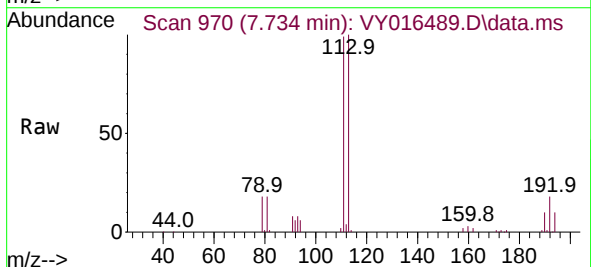
Instrument :
MSVOA_Y
ClientSampleId :

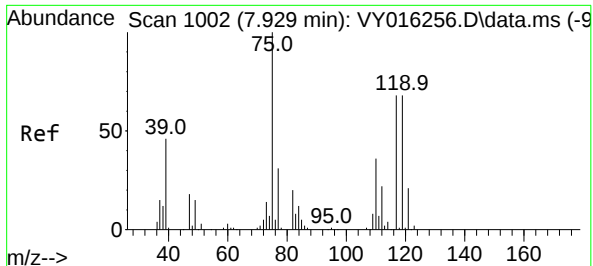
Tgt Ion:114 Resp: 167817
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.924 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

Tgt Ion:113 Resp: 54266
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.044 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY016489.D

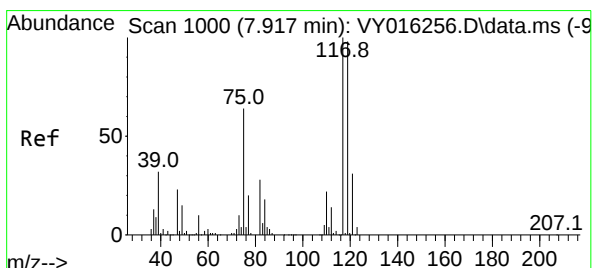
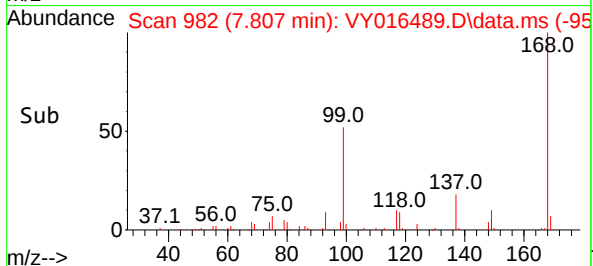
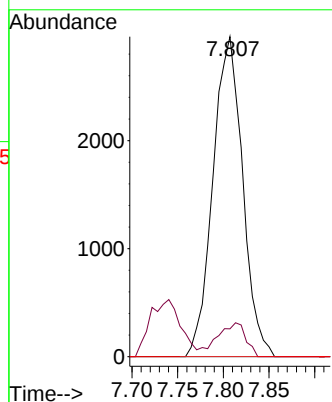
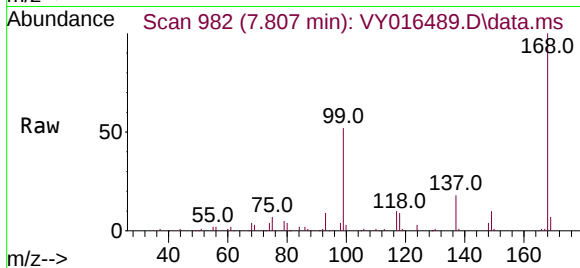
Acq: 24 Nov 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 6694
Ion Ratio	Lower Upper
75 100	
110 9.3	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.459 ug/l

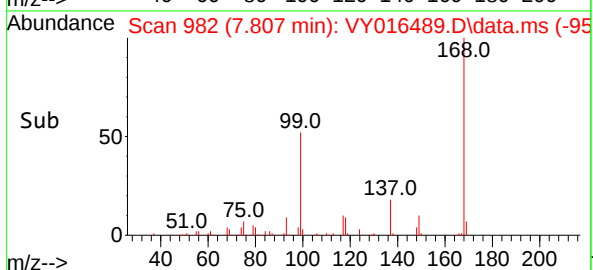
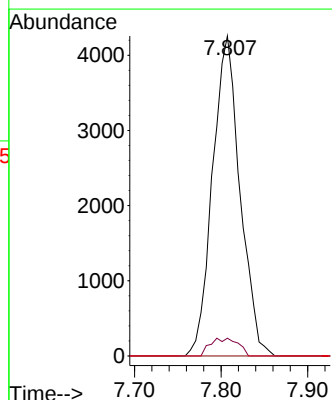
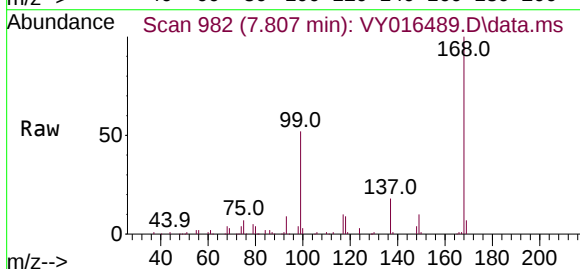
RT: 7.807 min Scan# 982

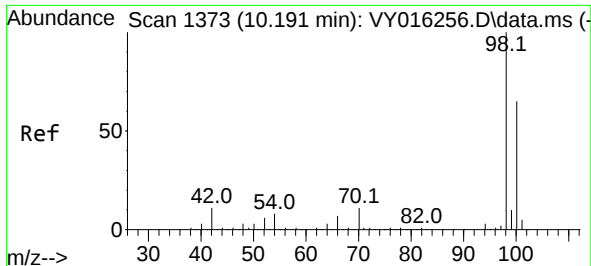
Delta R.T. -0.110 min

Lab File: VY016489.D

Acq: 24 Nov 2023 17:02

Tgt Ion: 117	Resp: 9379
Ion Ratio	Lower Upper
117 100	
119 5.5	76.4 114.6#
121 0.0	25.8 38.6#

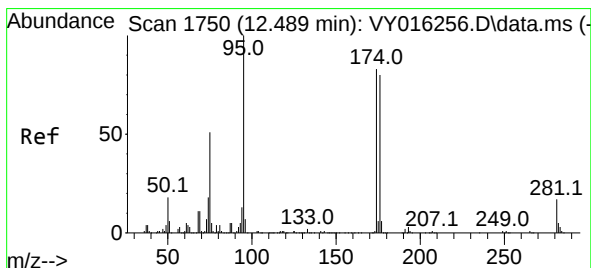
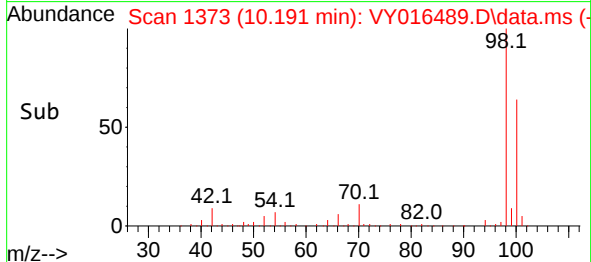
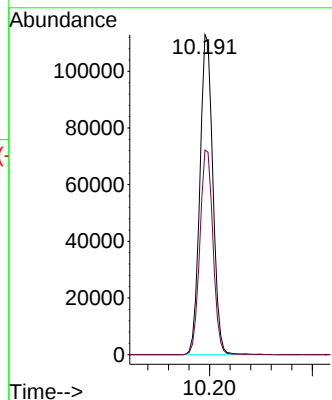
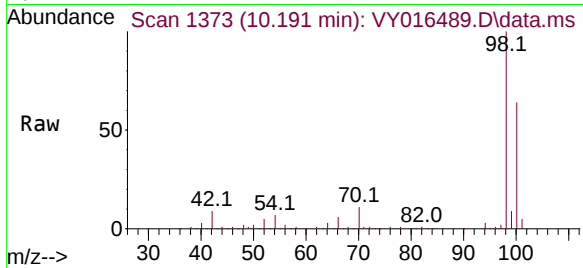




#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

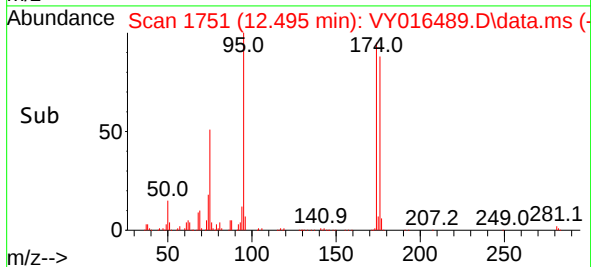
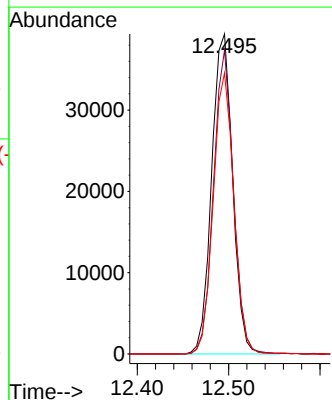
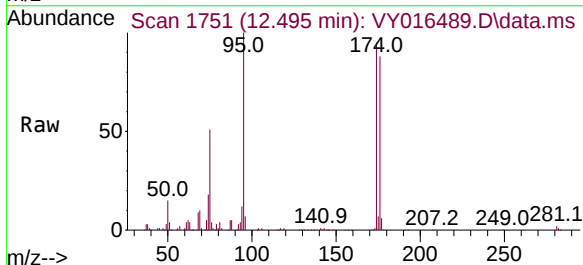
Instrument :
MSVOA_Y
ClientSampleId :

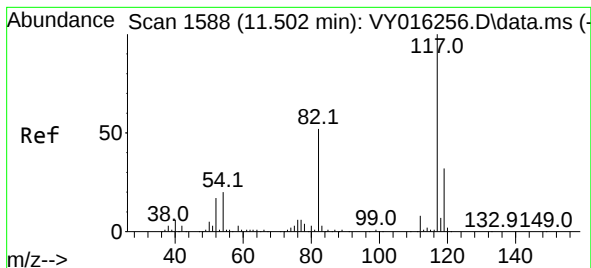
Tgt Ion: 98 Resp: 197550
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.913 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

Tgt Ion: 95 Resp: 62670
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 86.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016489.D

Acq: 24 Nov 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

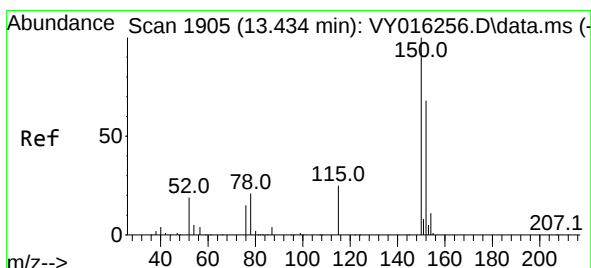
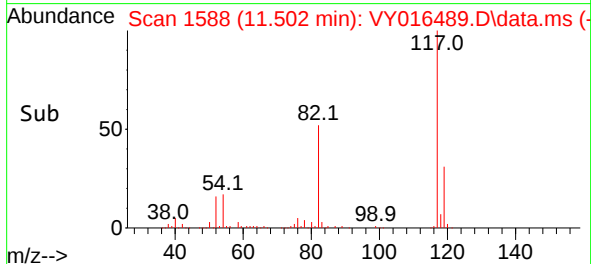
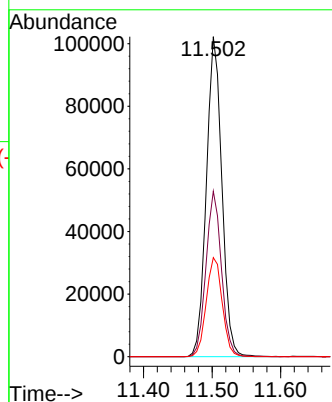
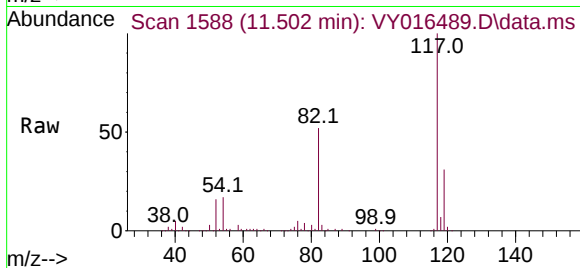
Tgt Ion:117 Resp: 161034

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 31.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016489.D

Acq: 24 Nov 2023 17:02

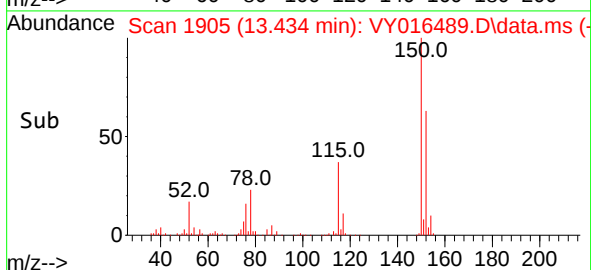
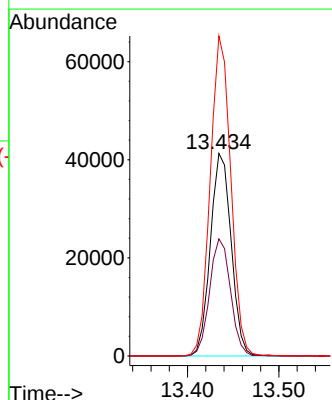
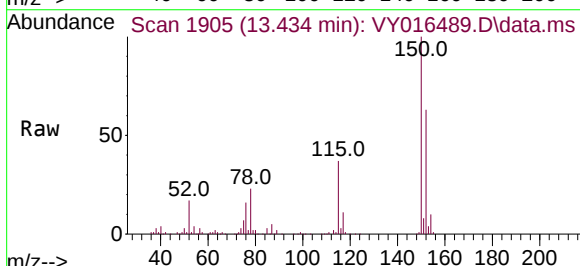
Tgt Ion:152 Resp: 65200

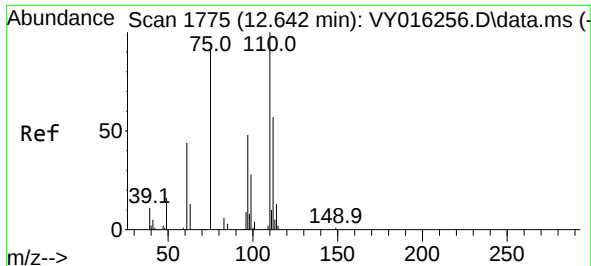
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.3 0.0 348.8

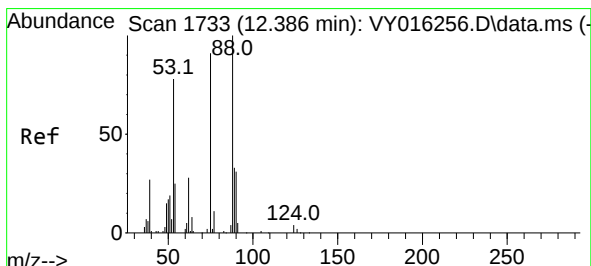
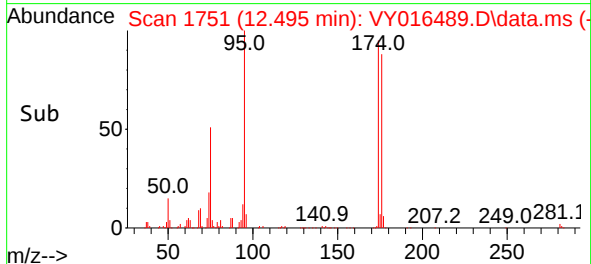
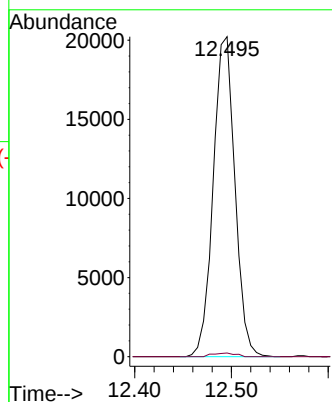
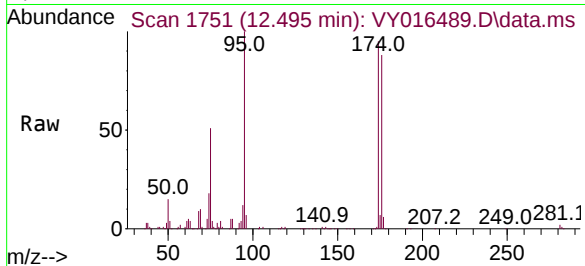




#76
1,2,3-Trichloropropane
Concen: 50.347 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31490
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.283 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

Tgt Ion: 75 Resp: 31490
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

