

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015185.D
 Acq On : 18 Aug 2023 10:47
 Operator : SY/MD
 Sample : VY0818SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:05:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

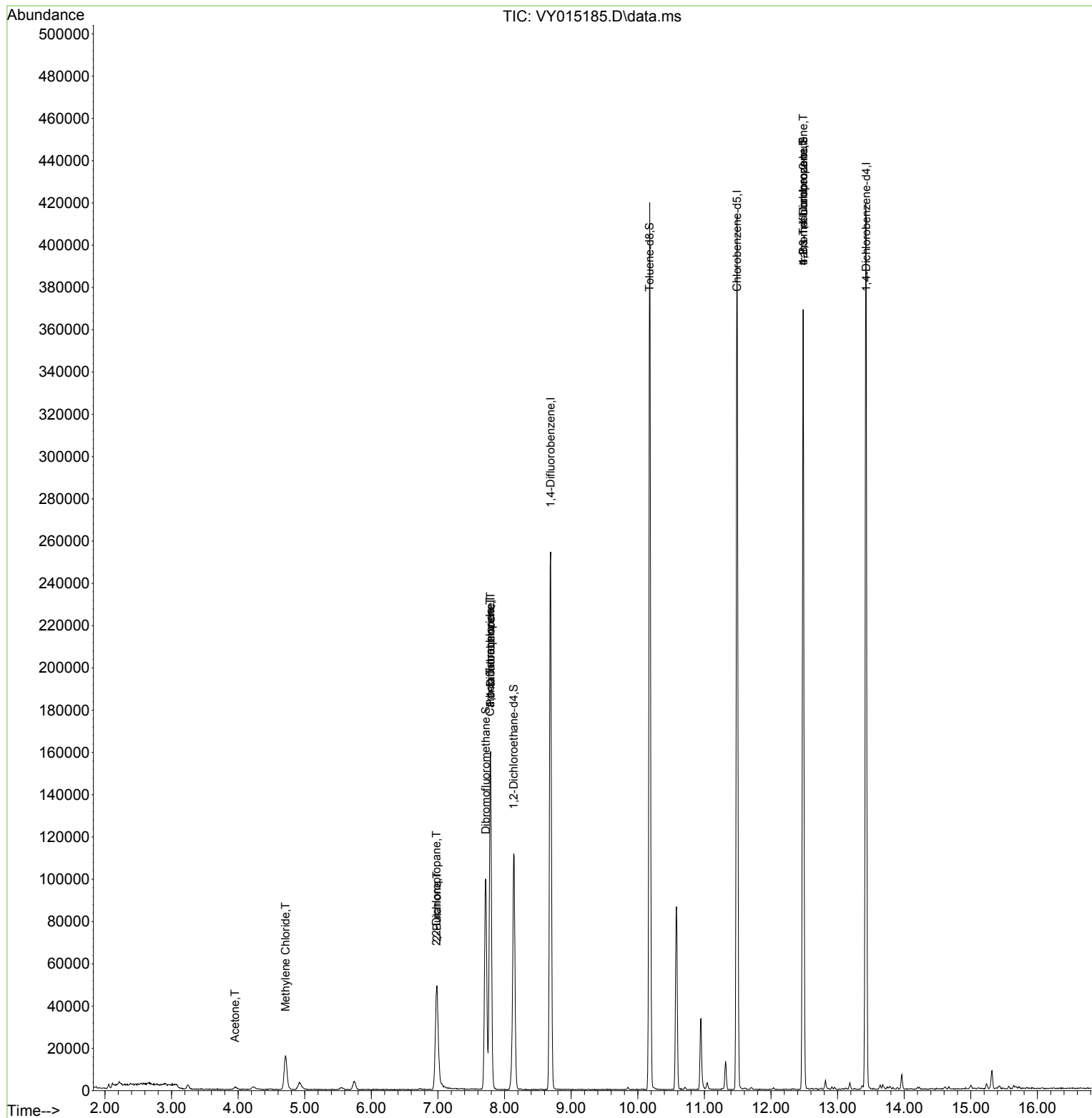
Internal Standards						
1) Pentafluorobenzene	7.789	168	123071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	82736	56.003	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.000%			
35) Dibromofluoromethane	7.716	113	70432	50.081	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.160%			
50) Toluene-d8	10.179	98	264714	50.563	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.483	95	98021	51.261	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.520%			
Target Compounds						
3) Chloromethane	2.107	50	561	Below Cal		97
5) Bromomethane	2.656	94	263	Below Cal		87
11) Tert butyl alcohol	4.924	59	3157	Below Cal #		89
16) Acetone	3.954	43	2440	5.056	ug/l	93
20) Methylene Chloride	4.710	84	12007	6.629	ug/l	85
25) 2-Butanone	6.984	43	3029	4.433	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	4149	2.098	ug/l #	54
31) Cyclohexane	7.789	56	2663	Below Cal #		1
36) 1,1-Dichloropropene	7.789	75	9773	6.281	ug/l #	49
38) Carbon Tetrachloride	7.783	117	12415	6.742	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53655	41.068	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53655	90.204	ug/l #	11

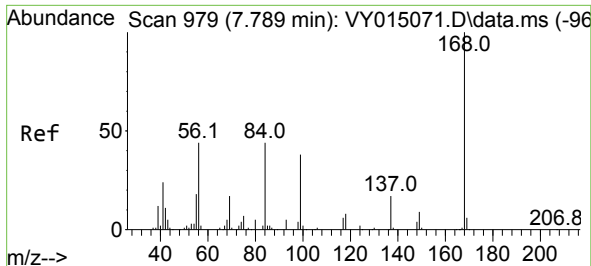
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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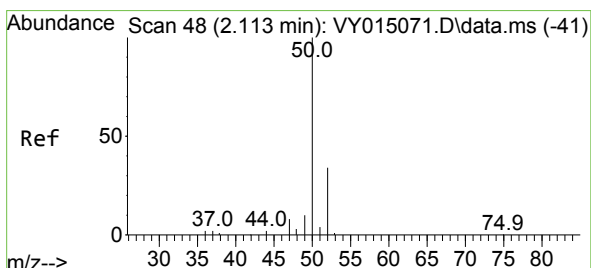
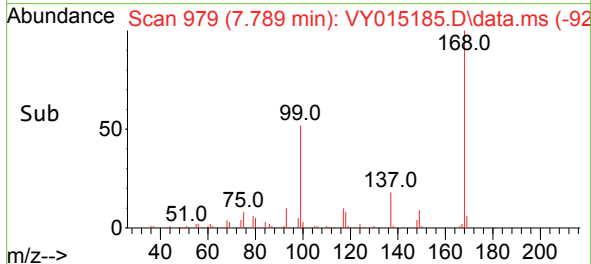
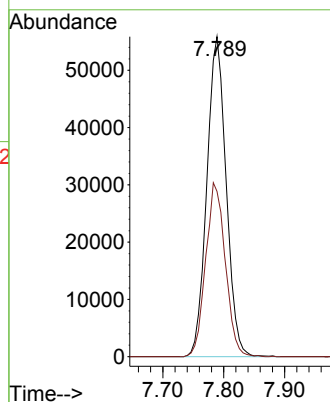
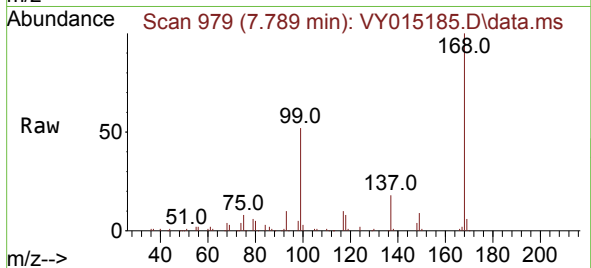




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

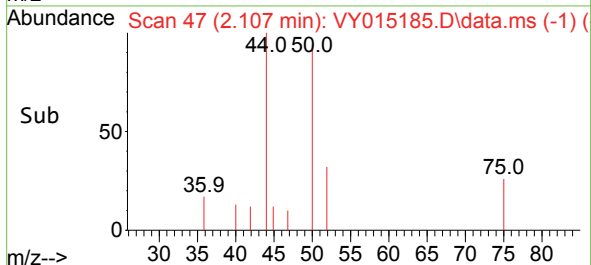
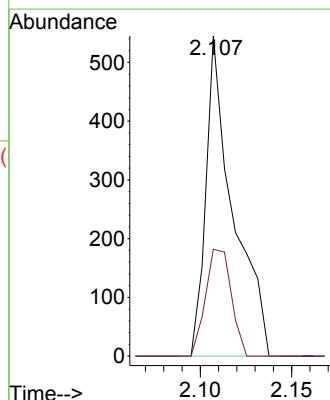
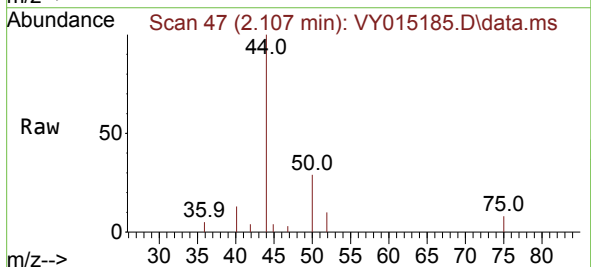
Instrument :
MSVOA_Y
ClientSampleId :

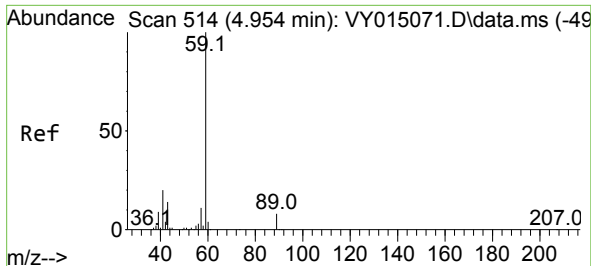
Tgt Ion:168 Resp: 123071
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

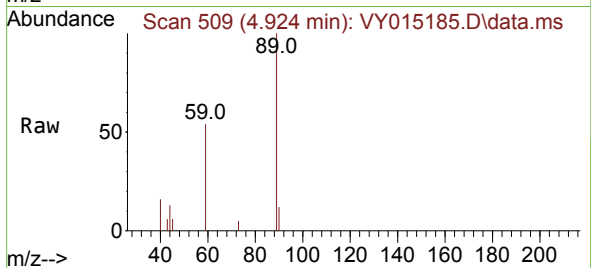
Tgt Ion: 50 Resp: 561
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



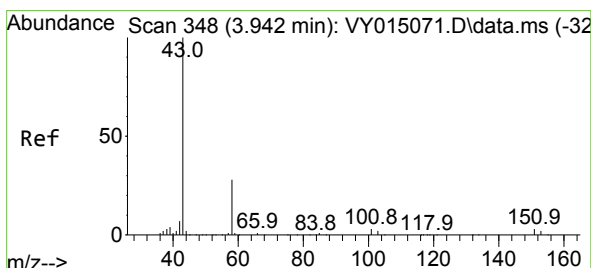
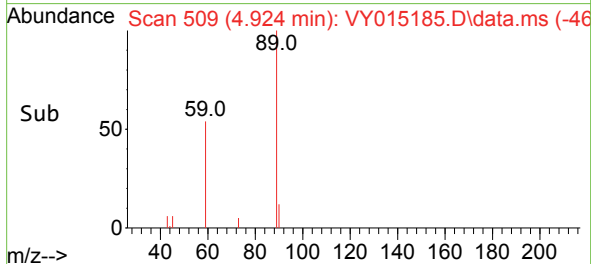
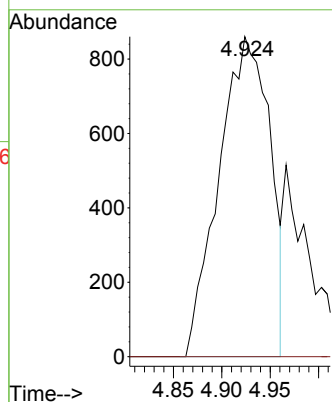


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

Instrument :
MSVOA_Y
ClientSampleId :

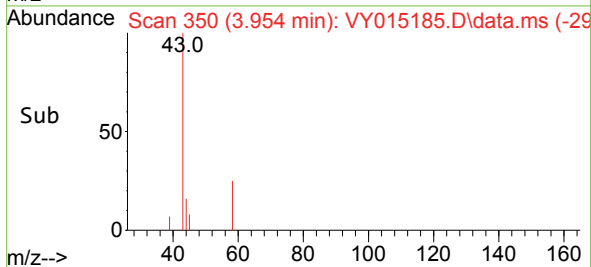
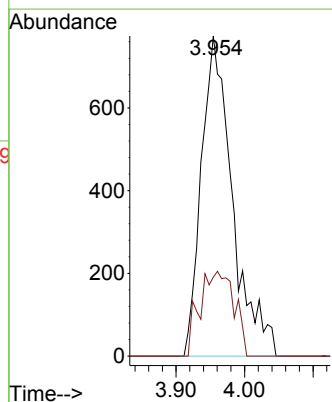
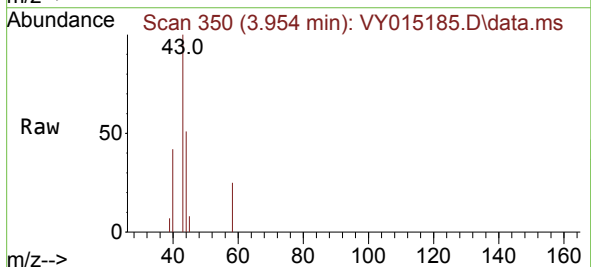


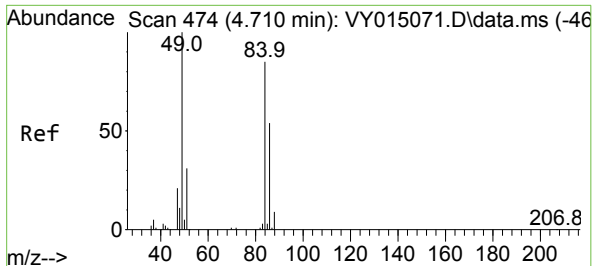
Tgt Ion: 59 Resp: 3157
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 5.056 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
58 24.7 22.7 34.1





#20

Methylene Chloride

Concen: 6.629 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

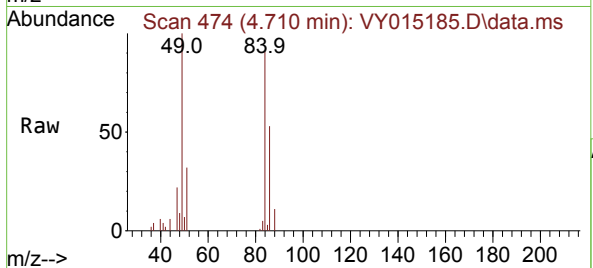
Lab File: VY015185.D

Acq: 18 Aug 2023 10:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12007

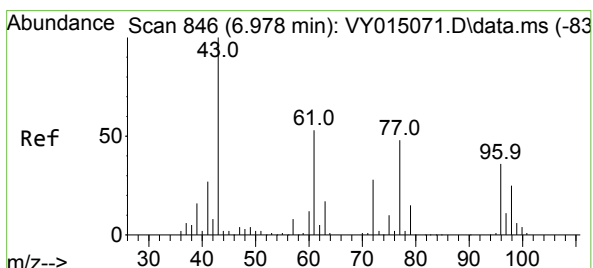
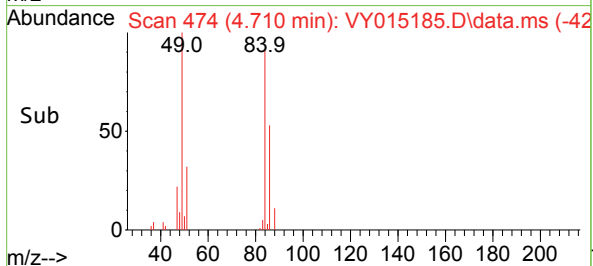
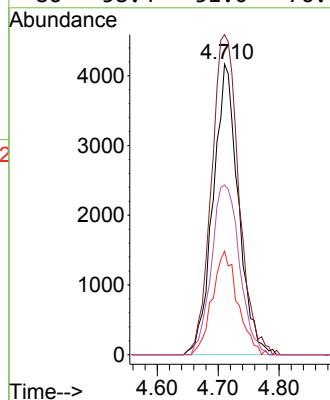
Ion Ratio Lower Upper

84 100

49 110.2 106.9 160.3

51 35.6 33.2 49.8

86 58.4 51.0 76.6



#25

2-Butanone

Concen: 4.433 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015185.D

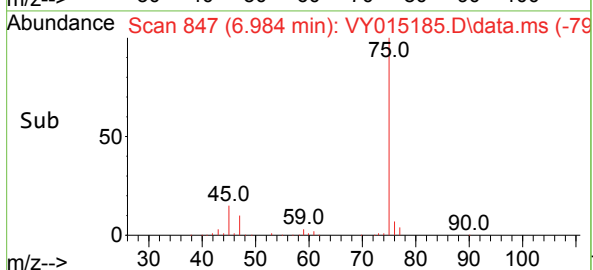
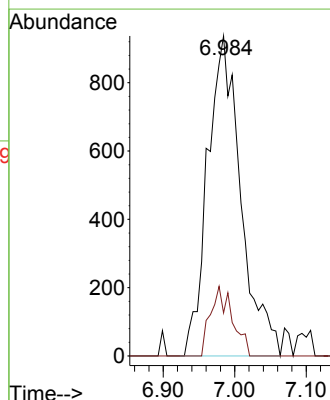
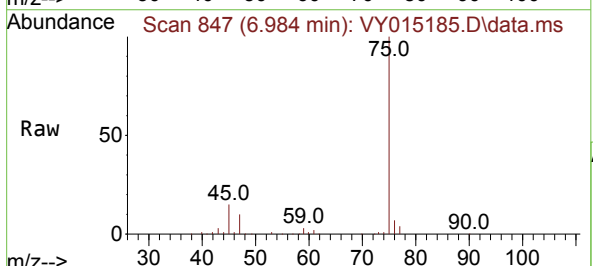
Acq: 18 Aug 2023 10:47

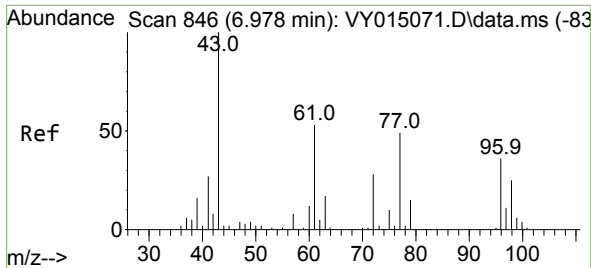
Tgt Ion: 43 Resp: 3029

Ion Ratio Lower Upper

43 100

72 13.4 20.5 30.7#

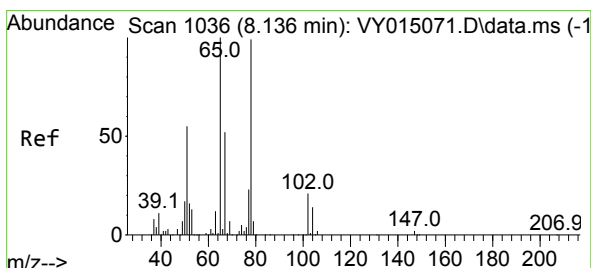
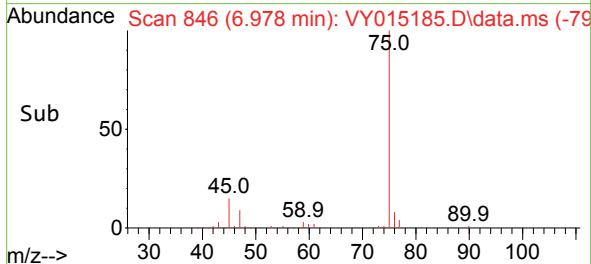
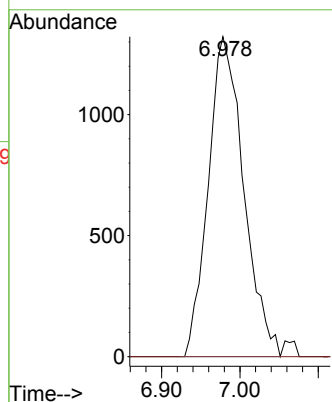
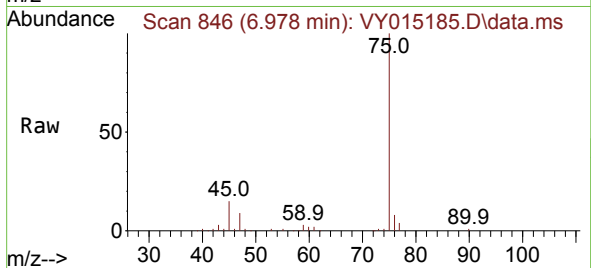




#26
2,2-Dichloropropane
Concen: 2.098 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

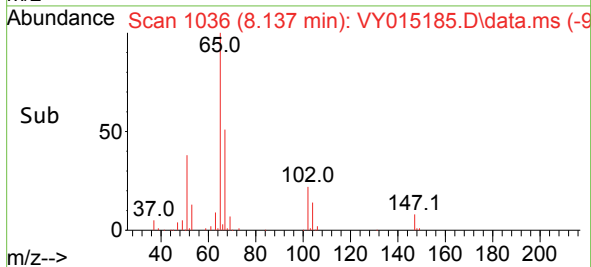
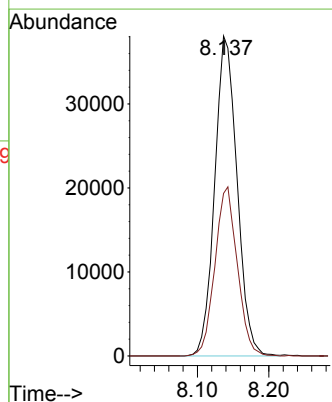
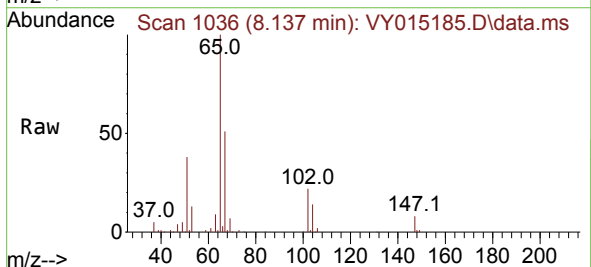
Instrument :
MSVOA_Y
ClientSampleId :

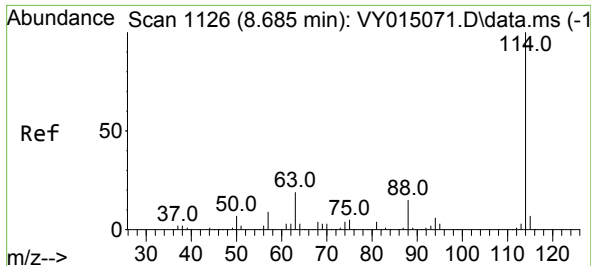
Tgt Ion: 77 Resp: 4149
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 56.003 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

Tgt Ion: 65 Resp: 82736
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8

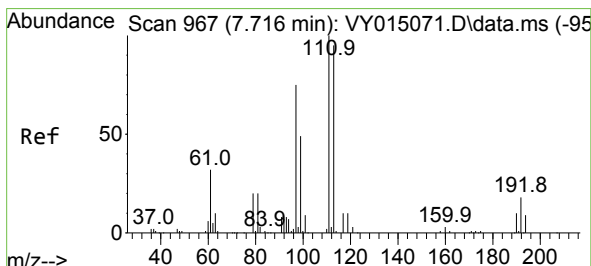
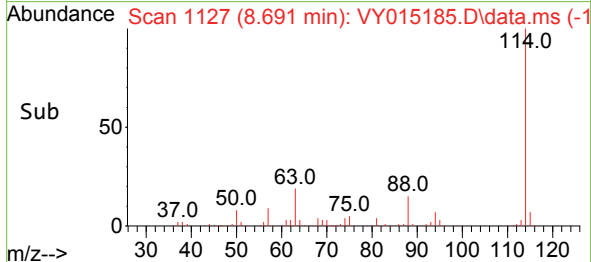
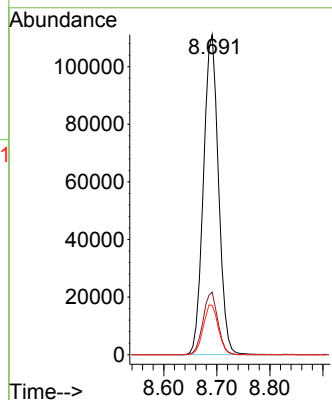
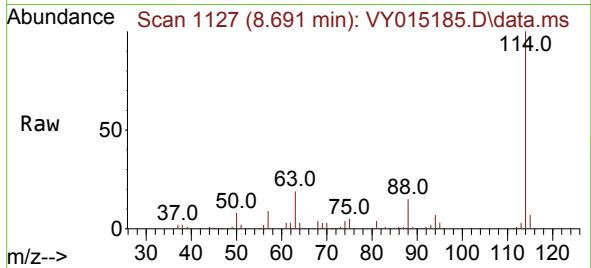




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

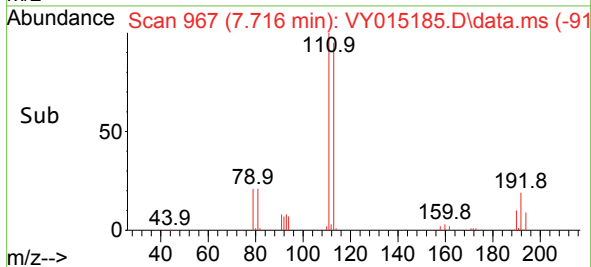
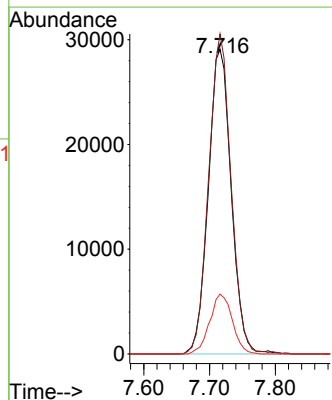
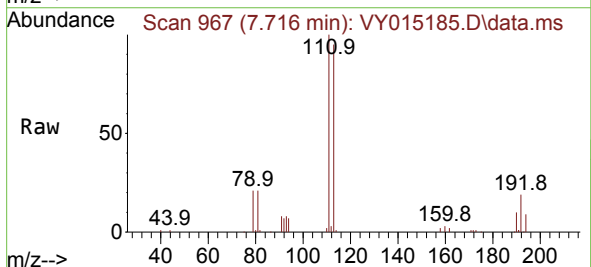
Instrument :
MSVOA_Y
ClientSampleId :

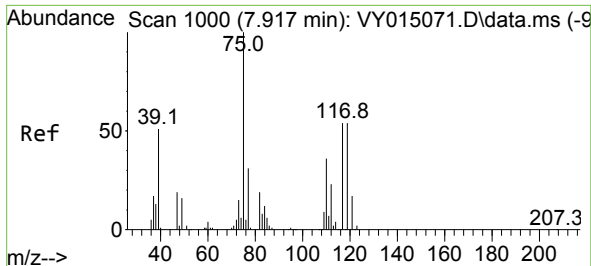
Tgt Ion:114 Resp: 218606
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.081 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

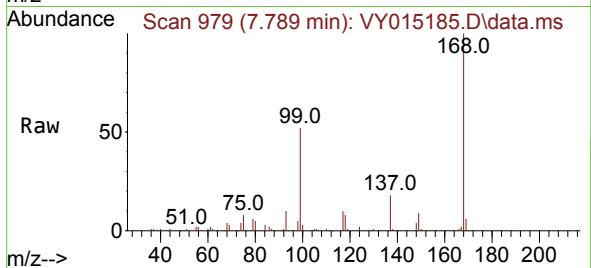
Tgt Ion:113 Resp: 70432
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.4 16.9 25.3



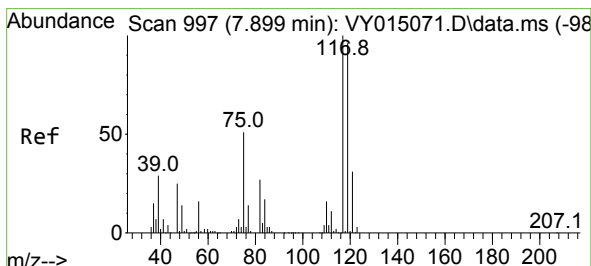
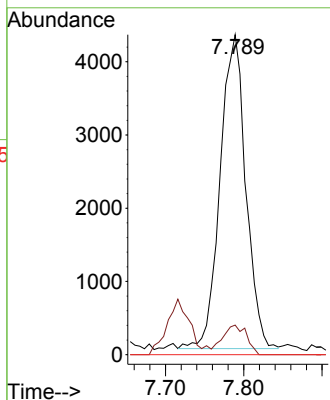
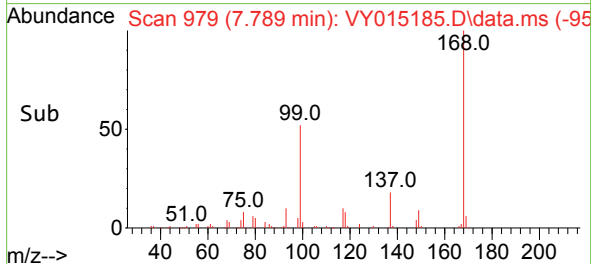


#36
1,1-Dichloropropene
Concen: 6.281 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

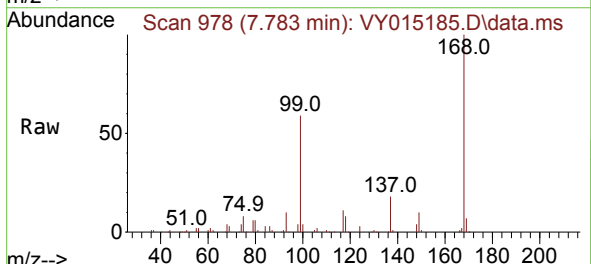
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MSVOA_Y
ClientSampleId :



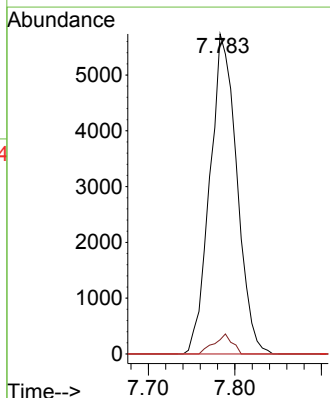
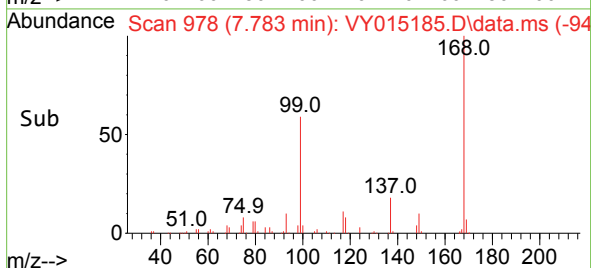
Tgt Ion: 75 Resp: 9773
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#

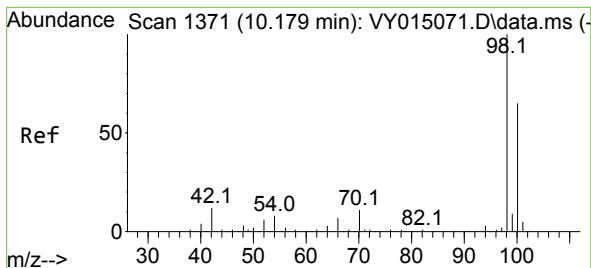


#38
Carbon Tetrachloride
Concen: 6.742 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47



Tgt Ion: 117 Resp: 12415
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.563 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015185.D

Acq: 18 Aug 2023 10:47

Instrument :

MSVOA_Y

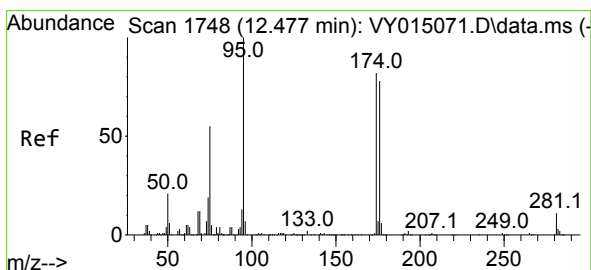
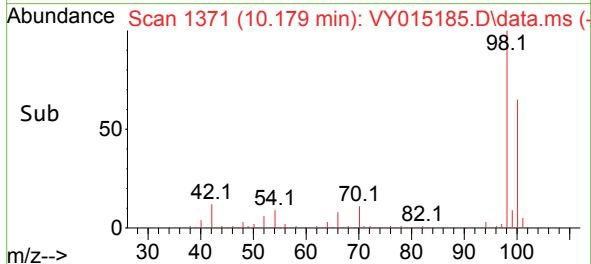
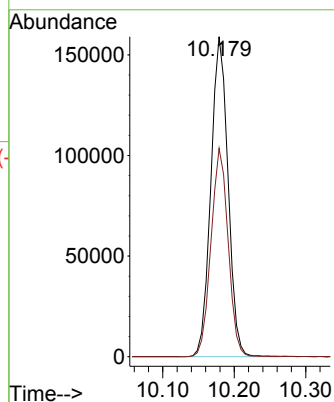
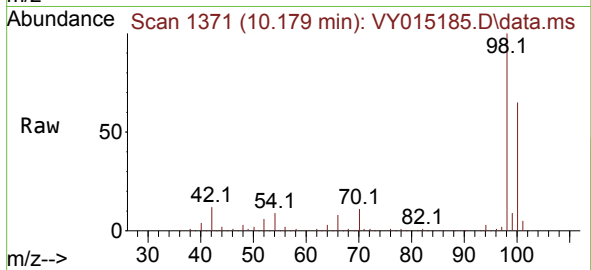
ClientSampleId :

Tgt Ion: 98 Resp: 264714

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.261 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015185.D

Acq: 18 Aug 2023 10:47

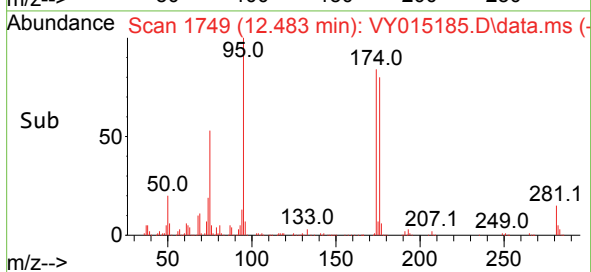
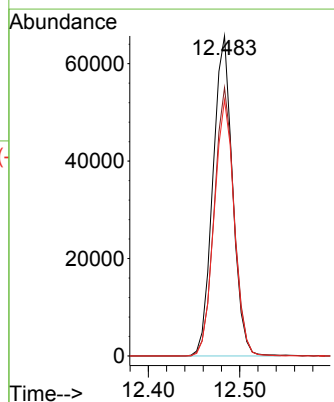
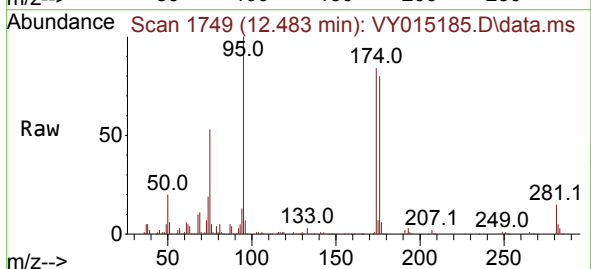
Tgt Ion: 95 Resp: 98021

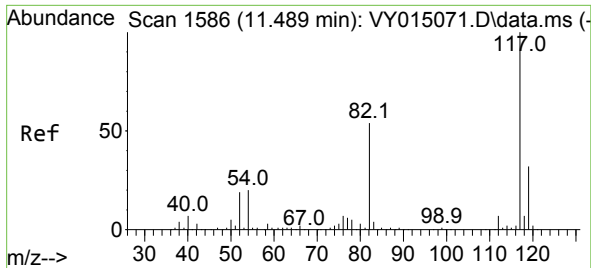
Ion Ratio Lower Upper

95 100

174 85.1 0.0 178.2

176 81.8 0.0 173.8

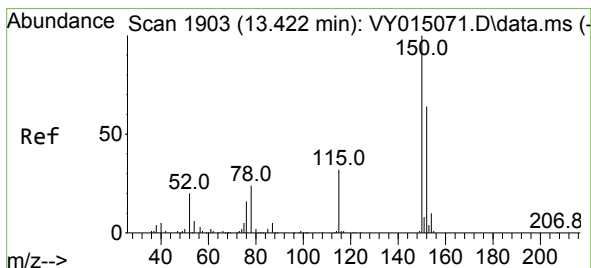
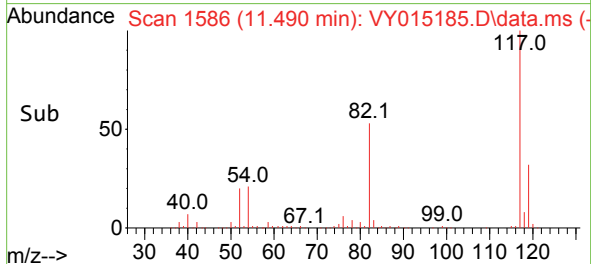
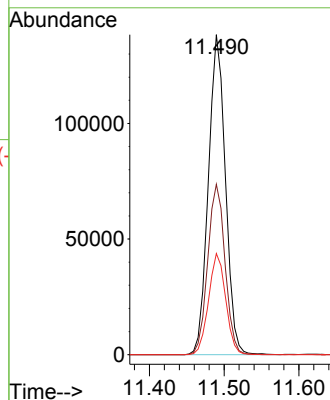
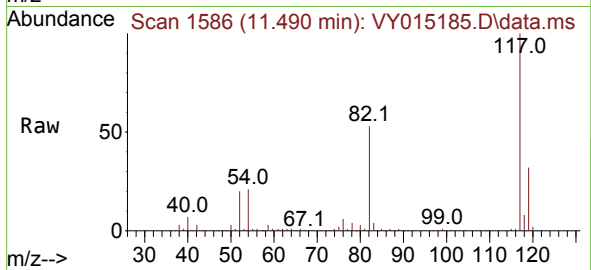




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

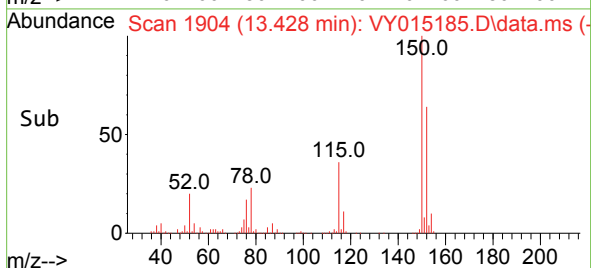
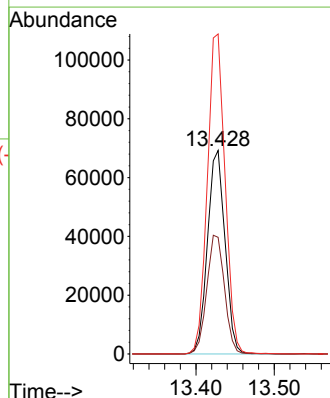
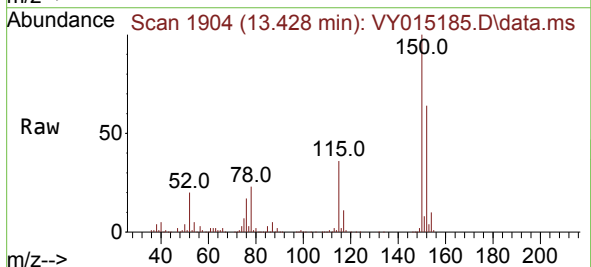
Instrument :
MSVOA_Y
ClientSampleId :

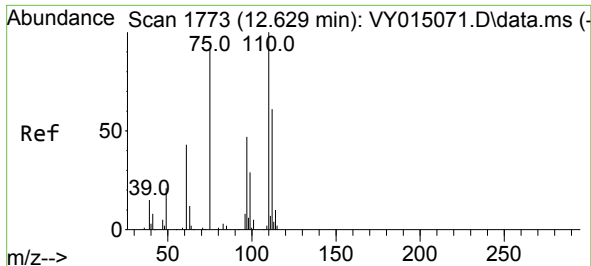
Tgt Ion:117 Resp: 219380
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

Tgt Ion:152 Resp: 107538
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 159.1 0.0 348.8

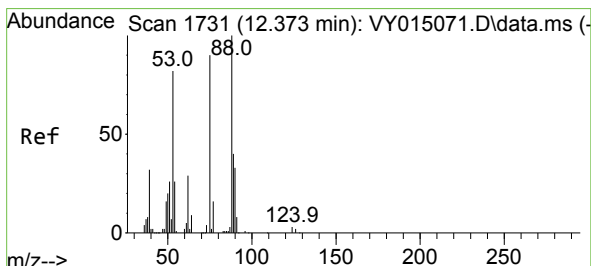
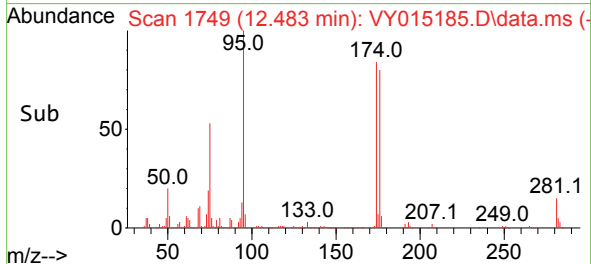
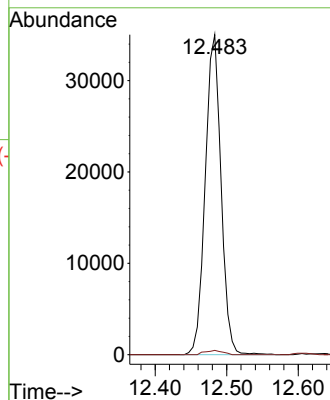
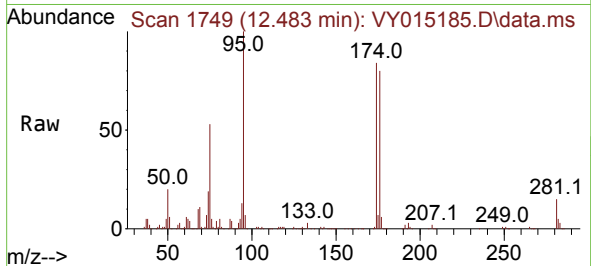




#76
1,2,3-Trichloropropane
Concen: 41.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53655
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.204 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015185.D
Acq: 18 Aug 2023 10:47

Tgt Ion: 75 Resp: 53655
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

