

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016710.D
 Acq On : 19 Dec 2023 22:00
 Operator : SY/MD
 Sample : 05827-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:40:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

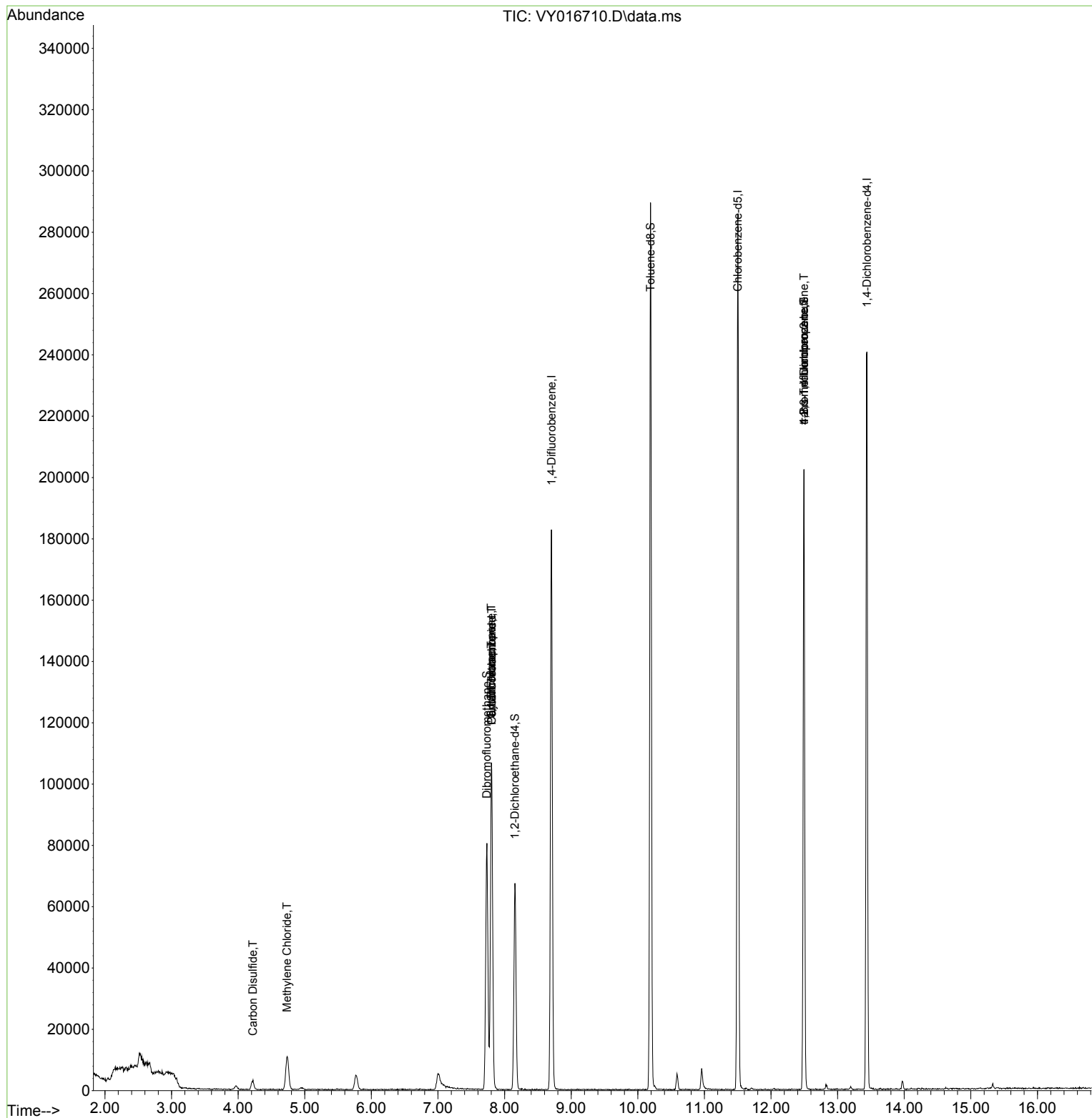
Internal Standards						
1) Pentafluorobenzene	7.807	168	88861	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	158514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	155344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	52416	71.314	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.620%			
35) Dibromofluoromethane	7.734	113	55077	58.995	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.980%			
50) Toluene-d8	10.191	98	190551	56.358	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.720%			
62) 4-Bromofluorobenzene	12.495	95	53066	55.200	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.400%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.131	50	191	Below Cal	#	41
11) Tert butyl alcohol	4.942	59	333	Below Cal	#	73
16) Acetone	3.966	43	2185	Below Cal	#	75
17) Carbon Disulfide	4.222	76	4671	2.358	ug/l #	94
20) Methylene Chloride	4.734	84	8538	6.138	ug/l	90
25) 2-Butanone	7.002	43	305	Below Cal		96
31) Cyclohexane	7.801	56	1911	1.588	ug/l #	40
36) 1,1-Dichloropropene	7.801	75	7305	5.173	ug/l #	46
38) Carbon Tetrachloride	7.807	117	8065	5.293	ug/l #	18
76) 1,2,3-Trichloropropane	12.495	75	30074	53.378	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	30074	122.469	ug/l #	18

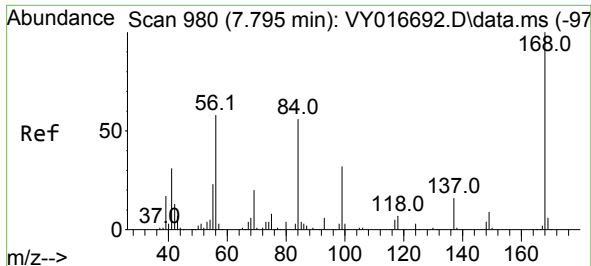
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 20 05:26:40 2023
Response via : Initial Calibration

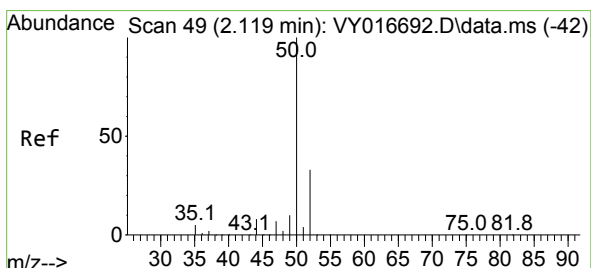
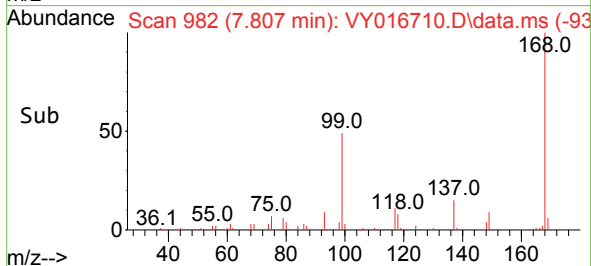
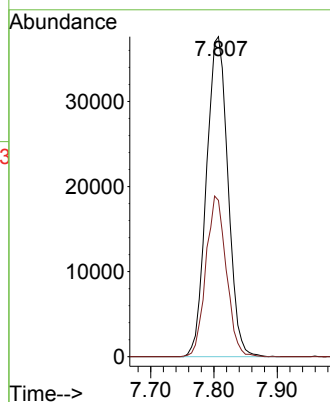
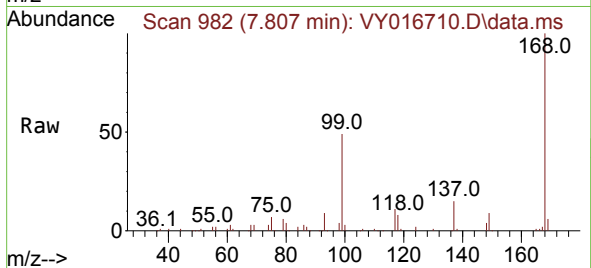




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

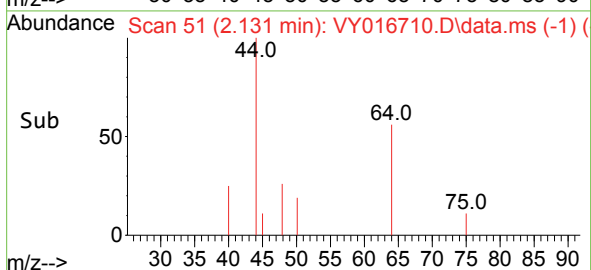
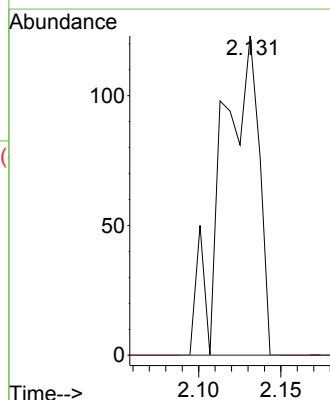
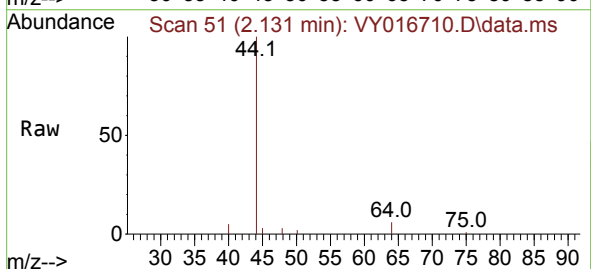
Instrument :
MSVOA_Y
ClientSampleId :

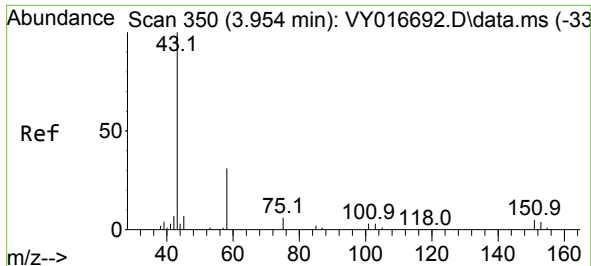
Tgt Ion:168 Resp: 88861
Ion Ratio Lower Upper
168 100
99 48.8 40.2 60.4



#3
Chloromethane
Concen: Below Cal
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

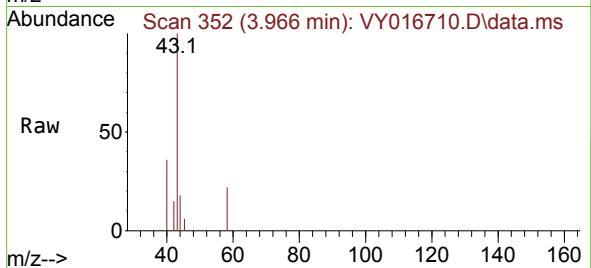
Tgt Ion: 50 Resp: 191
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



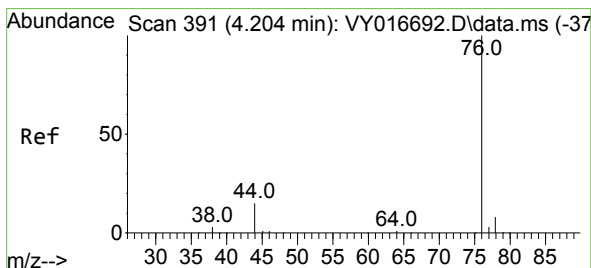
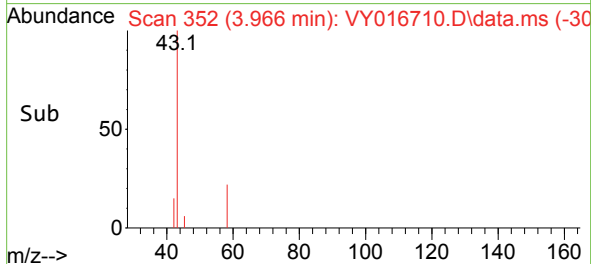
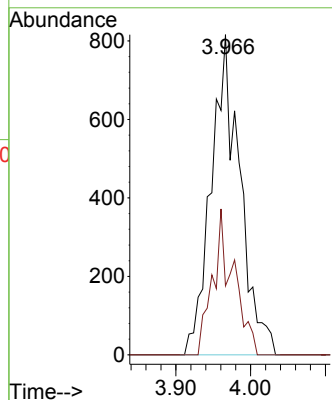


#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Instrument :
MSVOA_Y
ClientSampleId :

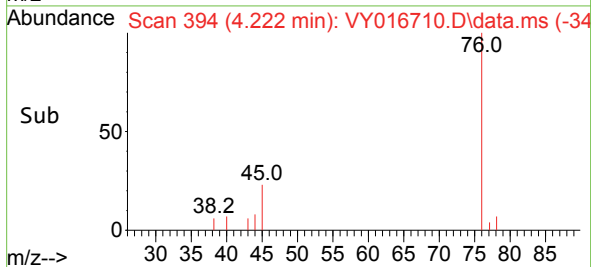
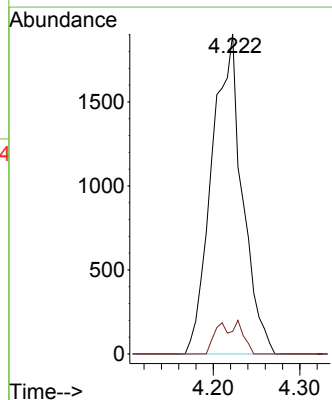
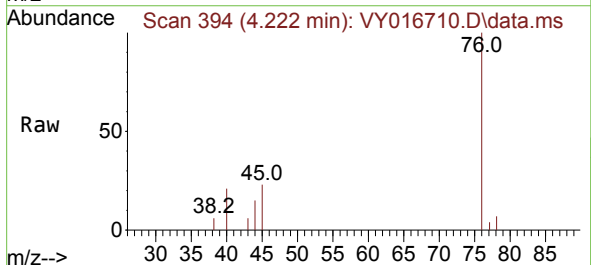


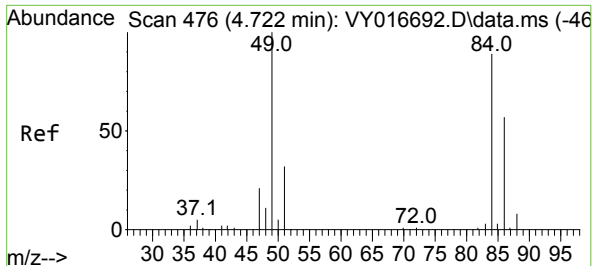
Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
58 21.6 29.0 43.4#



#17
Carbon Disulfide
Concen: 2.358 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.018 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

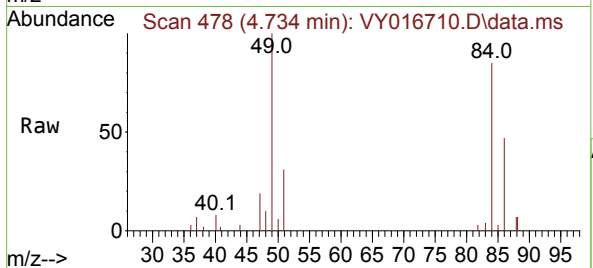
Tgt Ion: 76 Resp: 4671
Ion Ratio Lower Upper
76 100
78 7.0 7.3 10.9#





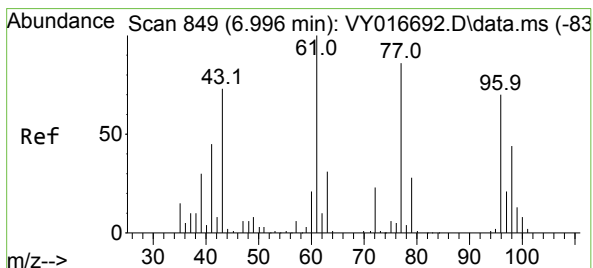
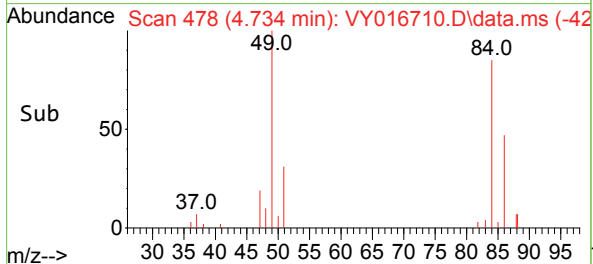
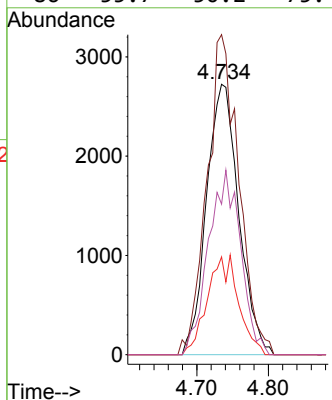
#20
Methylene Chloride
Concen: 6.138 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 8538

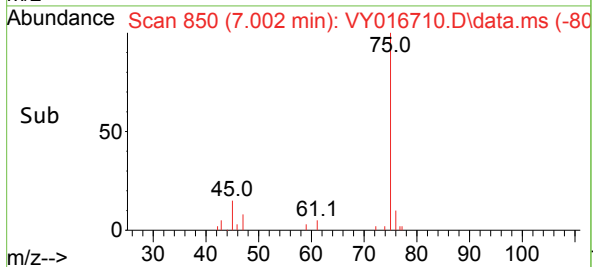
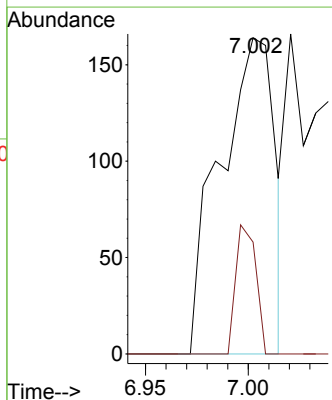
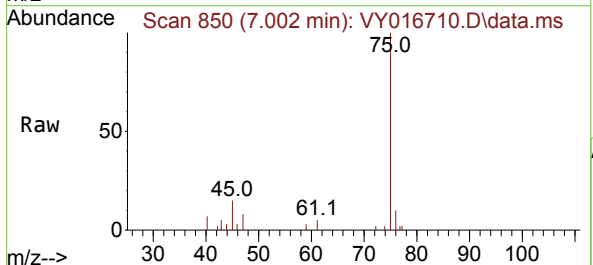
Ion	Ratio	Lower	Upper
84	100		
49	118.3	83.8	125.8
51	36.1	27.2	40.8
86	55.7	50.2	75.4

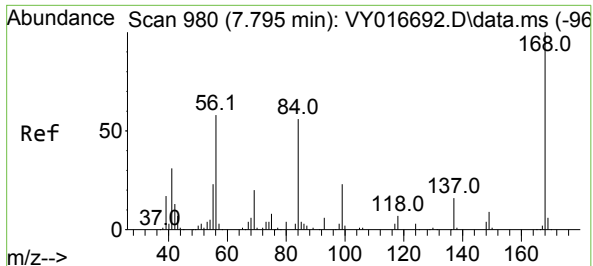


#25
2-Butanone
Concen: Below Cal
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion: 43 Resp: 305

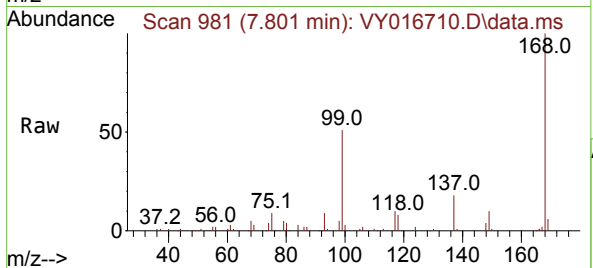
Ion	Ratio	Lower	Upper
43	100		
72	35.4	26.3	39.5



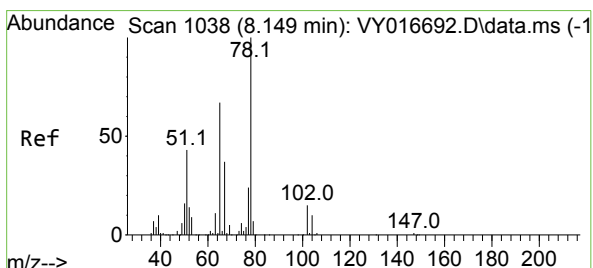
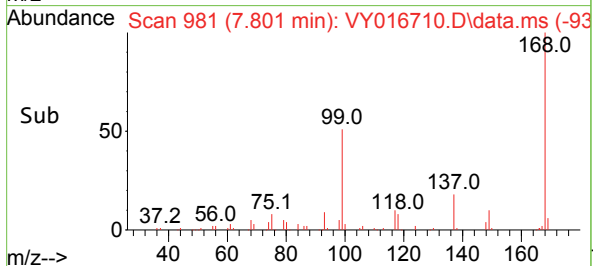
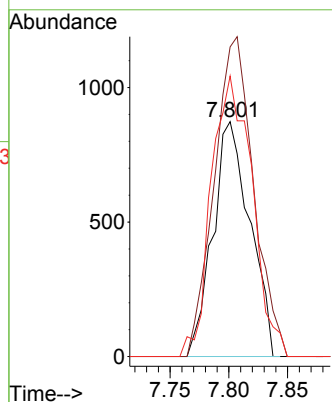


#31
Cyclohexane
Concen: 1.588 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Instrument :
MSVOA_Y
ClientSampleId :

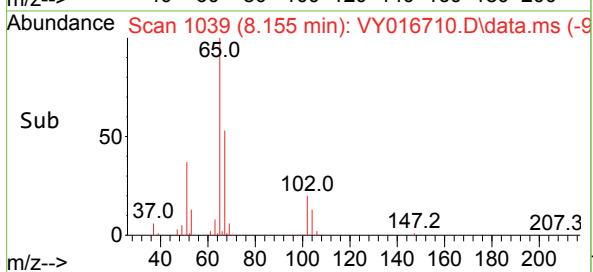
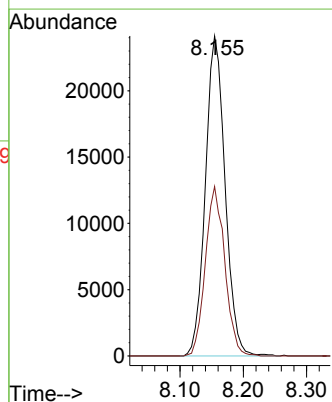
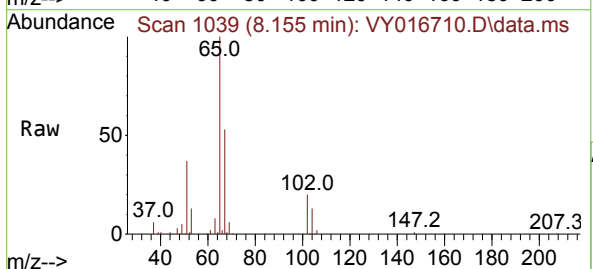


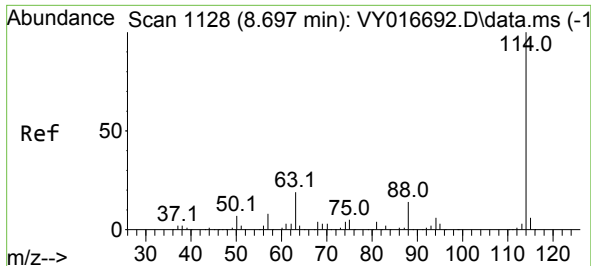
Tgt Ion: 56 Resp: 1911
Ion Ratio Lower Upper
56 100
69 131.8 27.5 41.3#
84 119.5 78.1 117.1#



#33
1,2-Dichloroethane-d4
Concen: 71.314 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion: 65 Resp: 52416
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.6

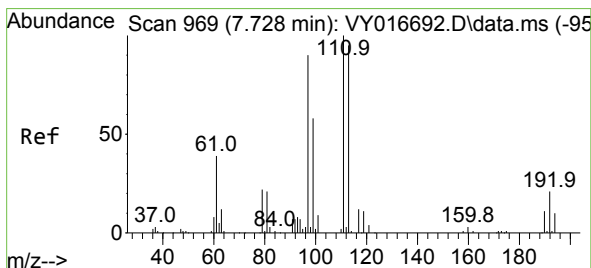
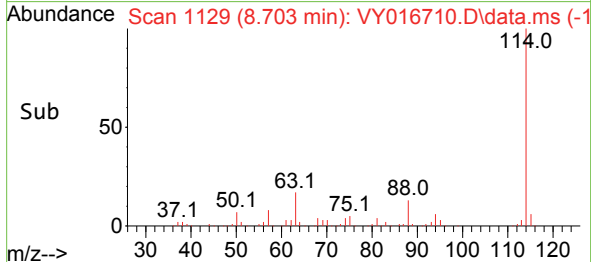
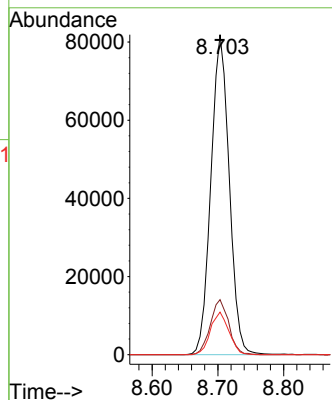
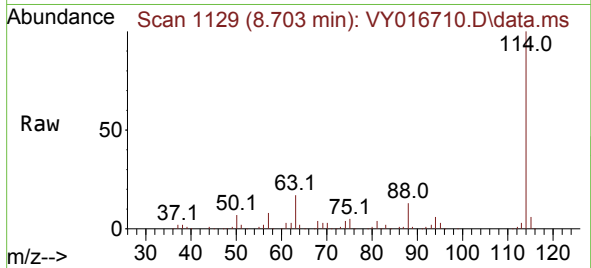




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

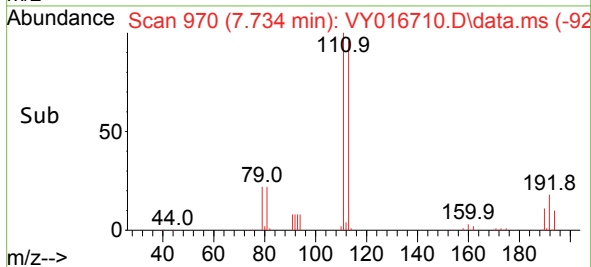
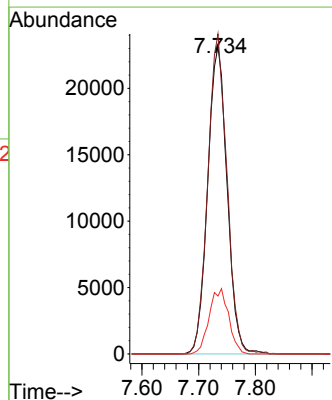
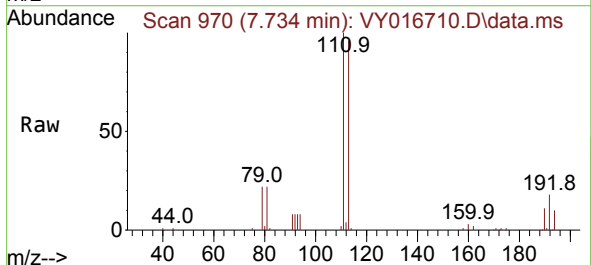
Instrument :
MSVOA_Y
ClientSampleId :

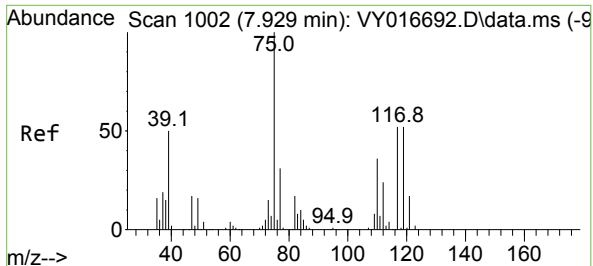
Tgt Ion:114 Resp: 158514
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.0
88 13.3 0.0 29.2



#35
Dibromofluoromethane
Concen: 58.995 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion:113 Resp: 55077
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 21.4 16.2 24.4

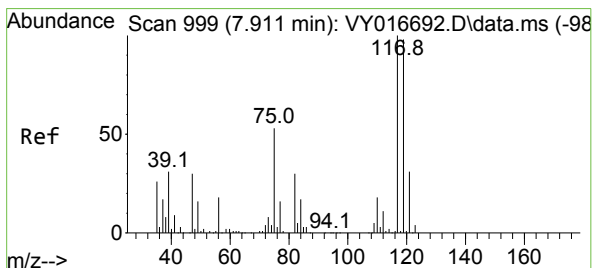
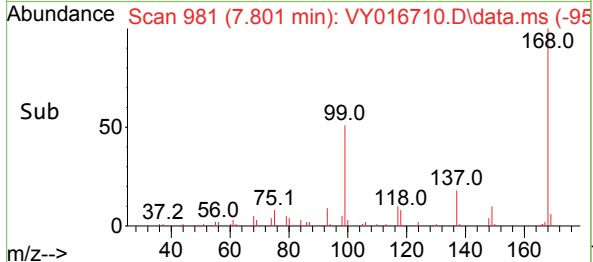
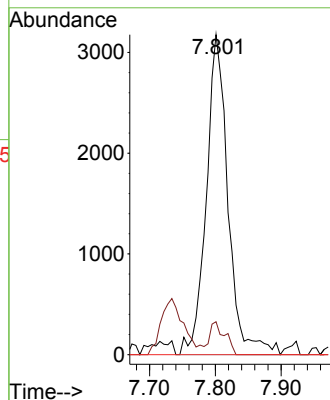
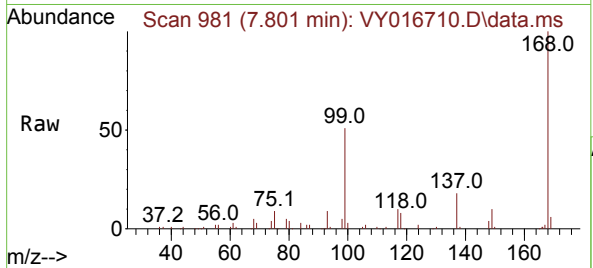




#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

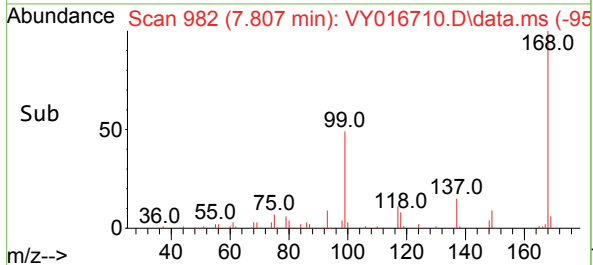
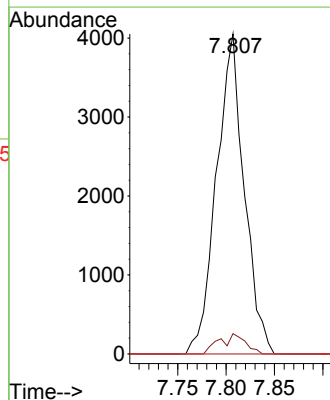
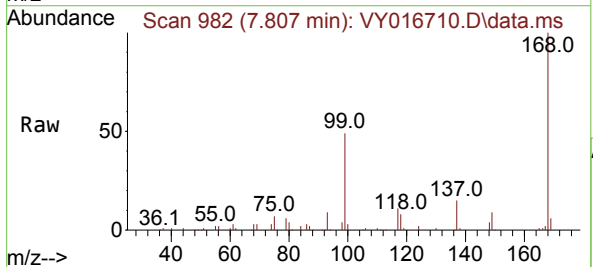
Instrument :
MSVOA_Y
ClientSampleId :

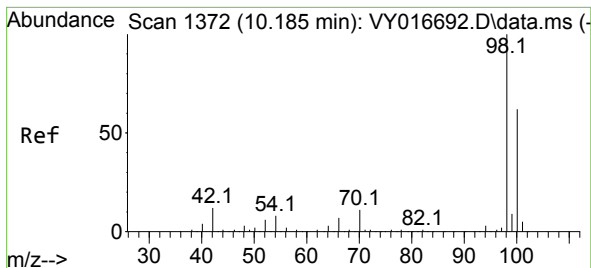
Tgt Ion: 75 Resp: 7305
Ion Ratio Lower Upper
75 100
110 7.2 18.9 56.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.293 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion:117 Resp: 8065
Ion Ratio Lower Upper
117 100
119 6.3 75.0 112.4#
121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 56.358 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

Instrument :

MSVOA_Y

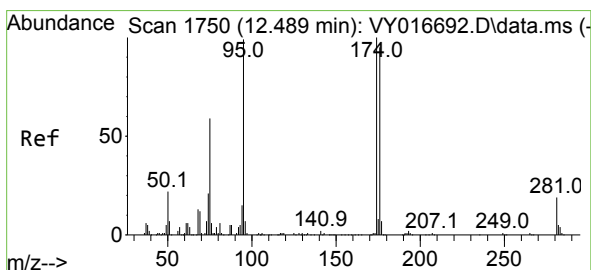
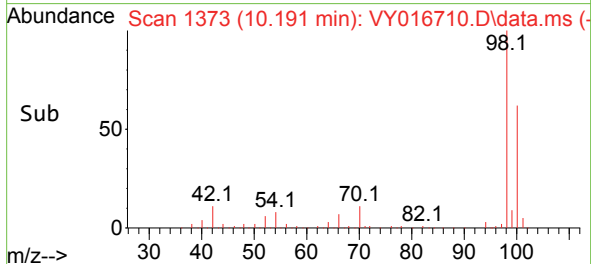
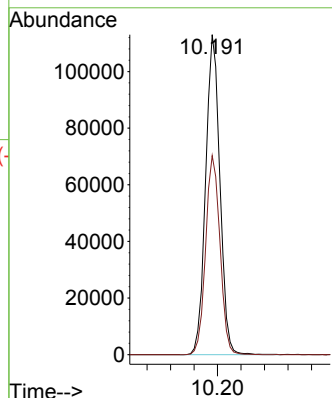
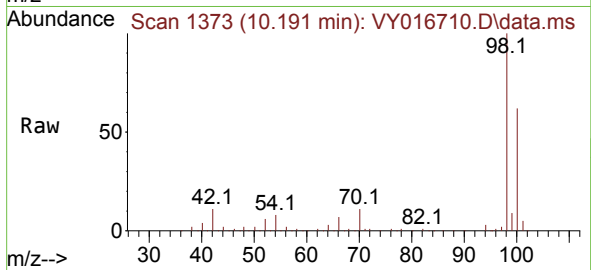
ClientSampleId :

Tgt Ion: 98 Resp: 190551

Ion Ratio Lower Upper

98 100

100 62.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 55.200 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

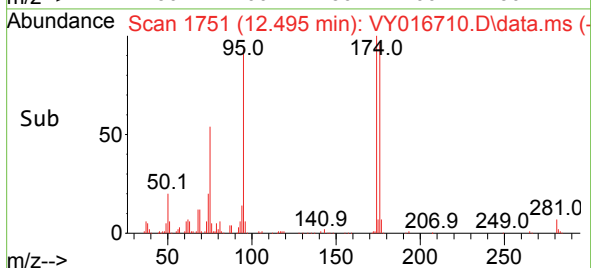
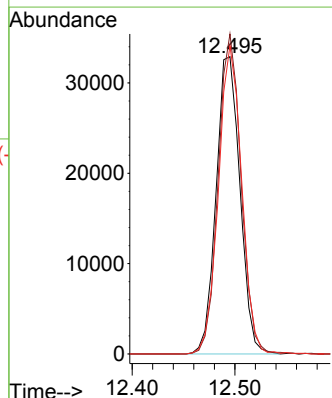
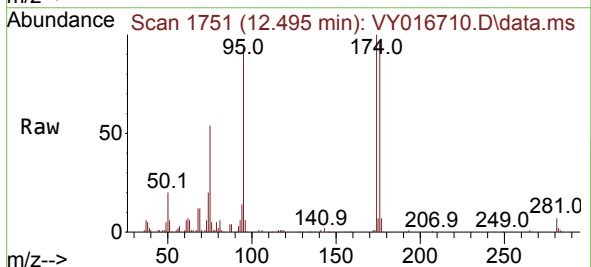
Tgt Ion: 95 Resp: 53066

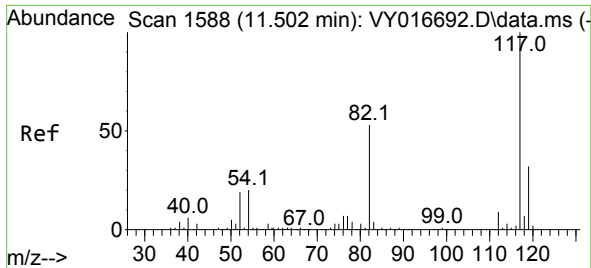
Ion Ratio Lower Upper

95 100

174 103.2 0.0 181.0

176 100.9 0.0 176.6

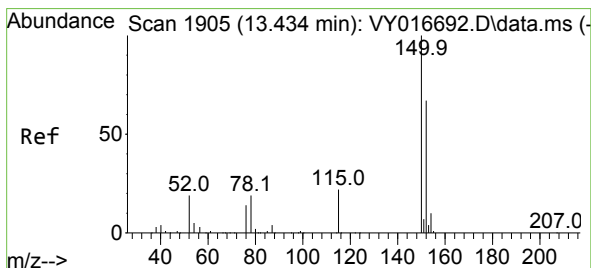
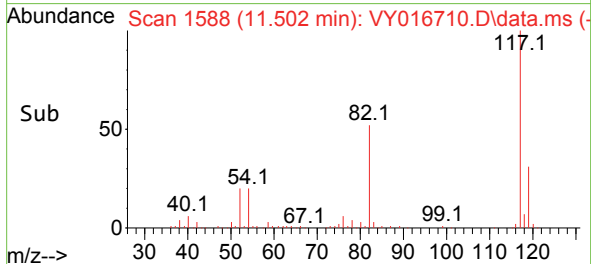
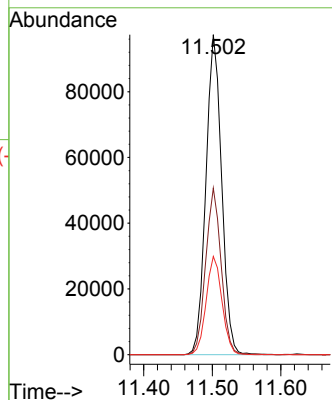
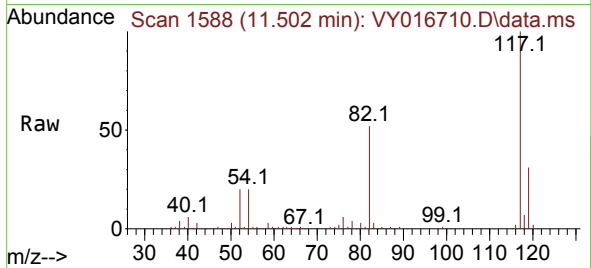




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

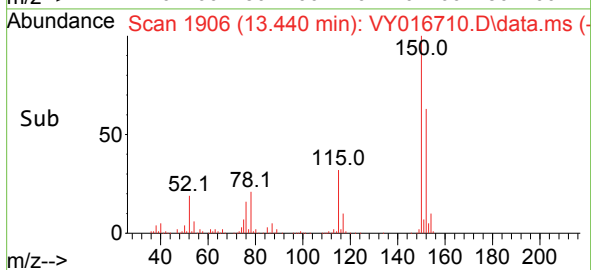
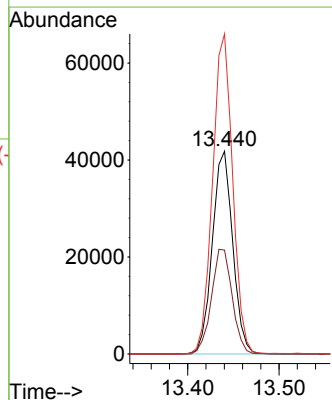
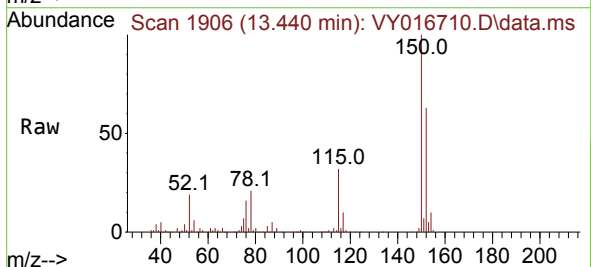
Instrument :
MSVOA_Y
ClientSampleId :

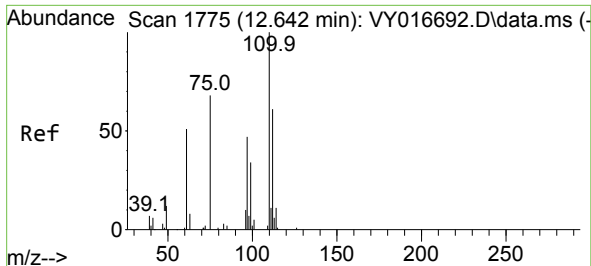
Tgt Ion:117 Resp: 155344
Ion Ratio Lower Upper
117 100
82 52.1 41.0 61.6
119 30.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion:152 Resp: 64816
Ion Ratio Lower Upper
152 100
115 52.6 28.2 84.7
150 155.4 0.0 350.6

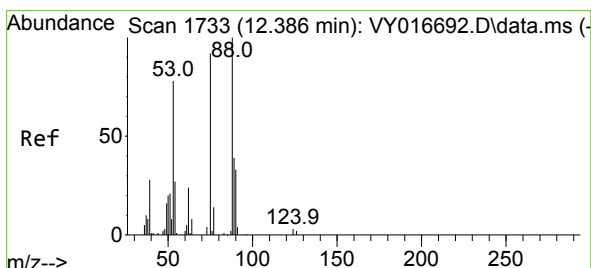
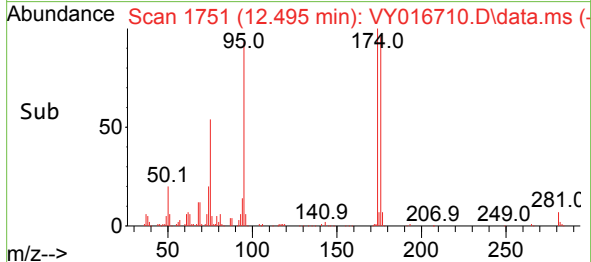
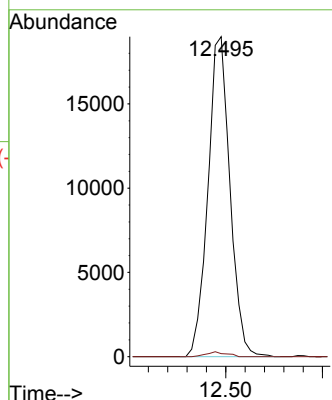
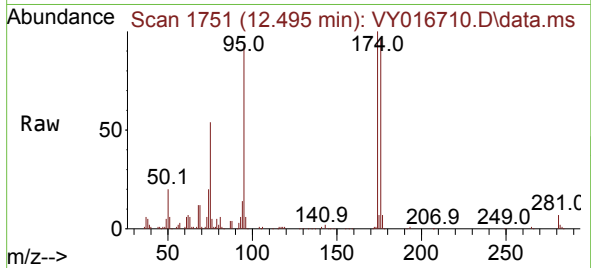




#76
1,2,3-Trichloropropane
Concen: 53.378 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30074
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.469 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion: 75 Resp: 30074
Ion Ratio Lower Upper
75 100
53 0.2 62.9 94.3#
89 0.0 35.8 53.8#

