

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019219.D
 Acq On : 22 Aug 2024 14:44
 Operator : SY/MD
 Sample : P3704-02
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:53:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

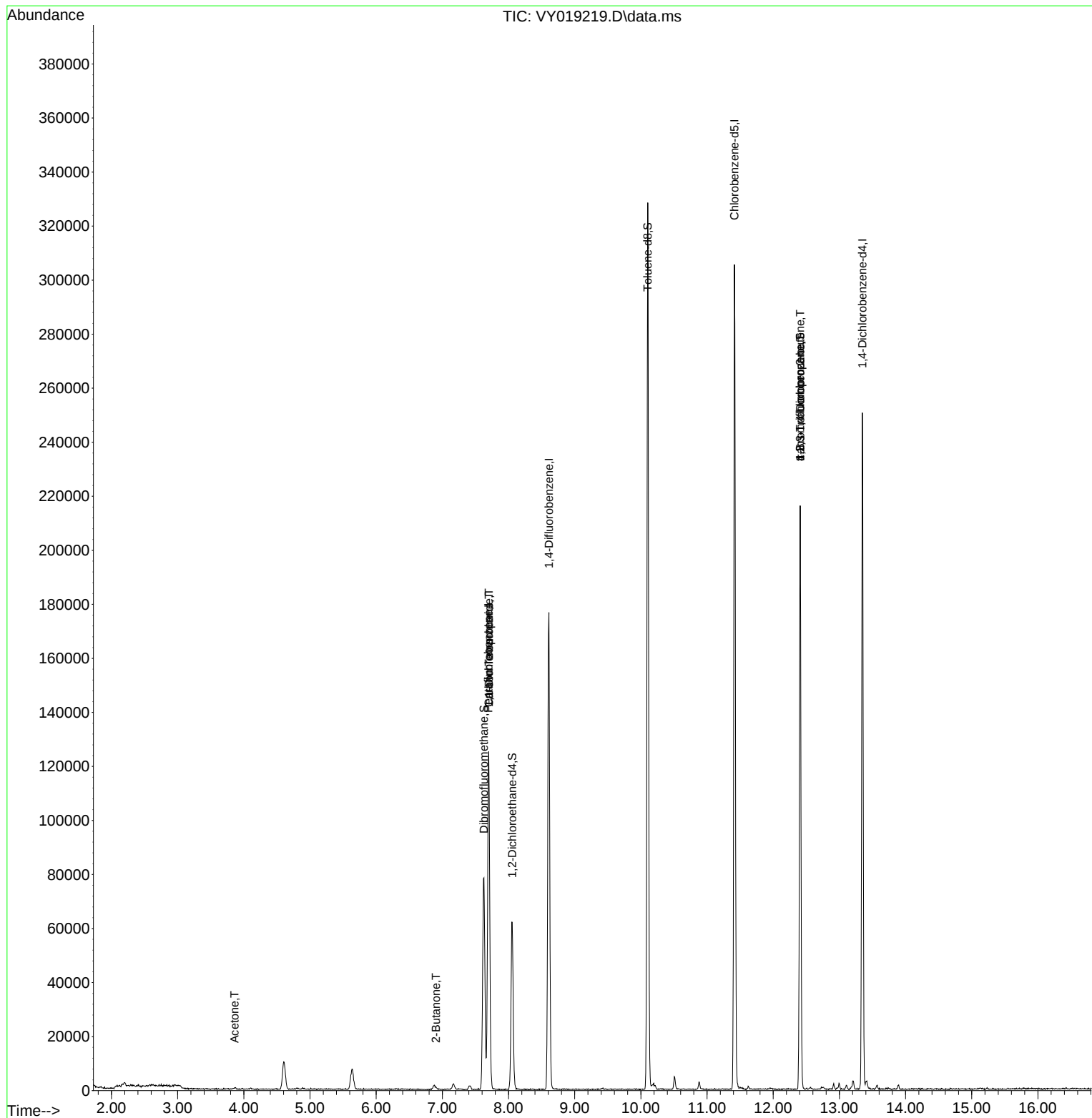
Internal Standards						
1) Pentafluorobenzene	7.695	168	98026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	157232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	163066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	61866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49555	50.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.860%	
35) Dibromofluoromethane	7.628	113	56118	54.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.180%	
50) Toluene-d8	10.103	98	204254	55.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.420%	
62) 4-Bromofluorobenzene	12.407	95	62540	49.587	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.180%	
Target Compounds						Qvalue
5) Bromomethane	2.598	94	278	Below Cal		92
6) Chloroethane	2.763	64	42	Below Cal	#	42
11) Tert butyl alcohol	4.866	59	46	Below Cal	#	88
16) Acetone	3.860	43	662	3.633	ug/l	94
20) Methylene Chloride	4.610	84	7969	Below Cal	#	87
25) 2-Butanone	6.902	43	300	1.022	ug/l #	41
31) Cyclohexane	7.695	56	2210	Below Cal	#	55
36) 1,1-Dichloropropene	7.701	75	7631	5.405	ug/l #	46
38) Carbon Tetrachloride	7.701	117	9722	5.942	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	33985	55.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	33985	137.568	ug/l #	16

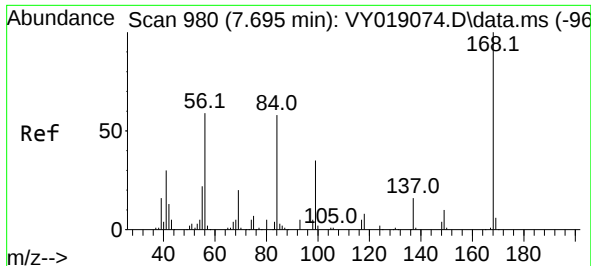
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
Data File : VY019219.D
Acq On : 22 Aug 2024 14:44
Operator : SY/MD
Sample : P3704-02
Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 23 01:53:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

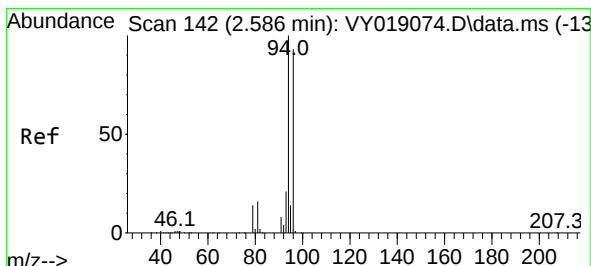
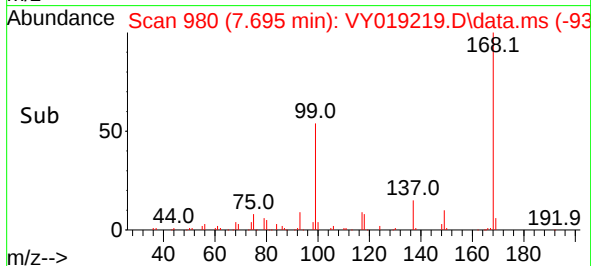
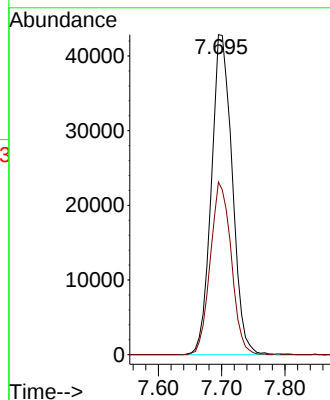
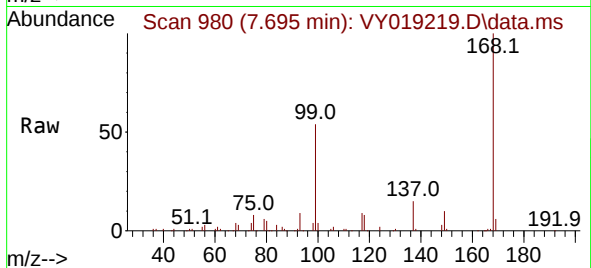




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

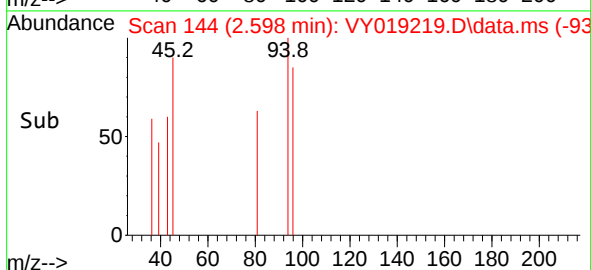
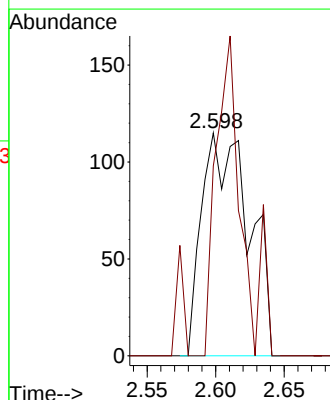
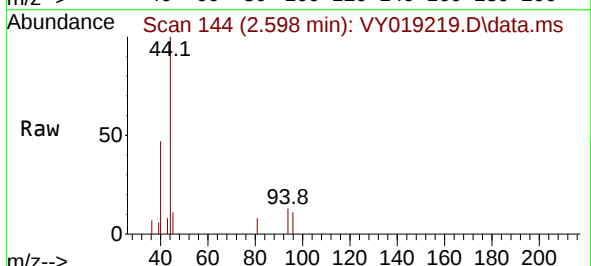
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 98026
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 85.2 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.866 min Scan# 512

Delta R.T. 0.024 min

Lab File: VY019219.D

Acq: 22 Aug 2024 14:44

Instrument :

MSVOA_Y

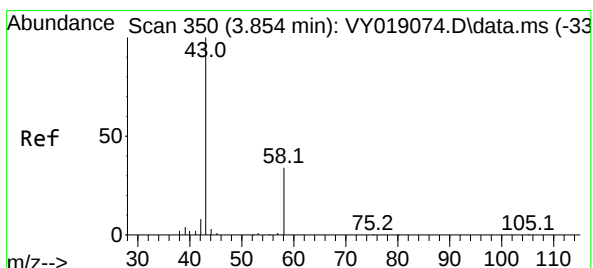
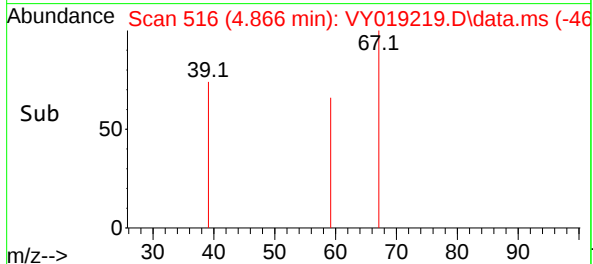
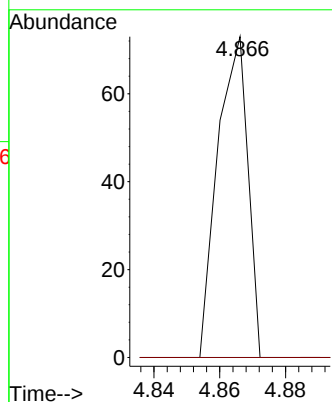
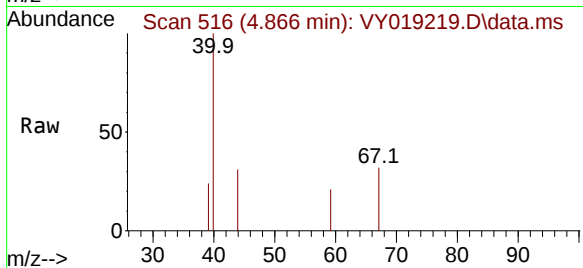
ClientSampleId :

Tgt Ion: 59 Resp: 46

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 3.633 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019219.D

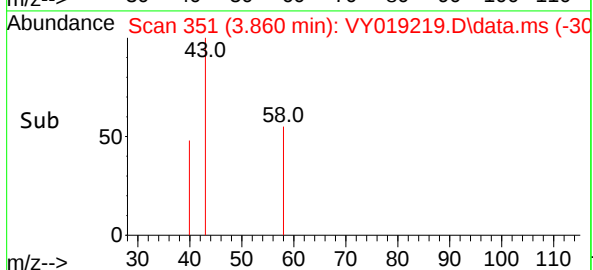
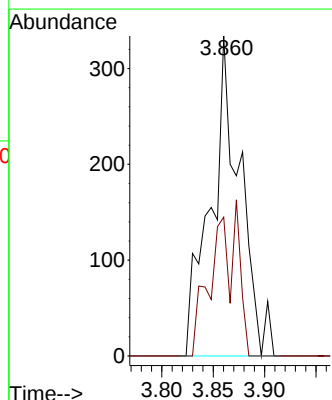
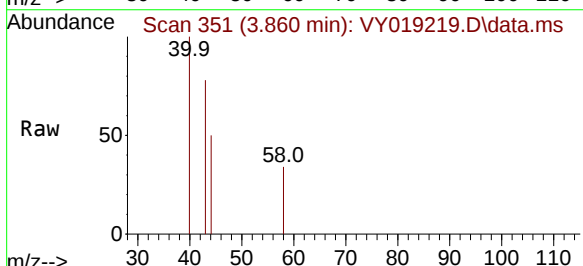
Acq: 22 Aug 2024 14:44

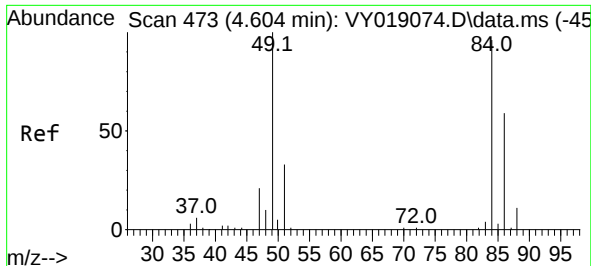
Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

43 100

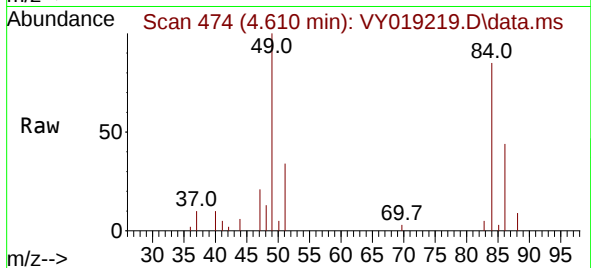
58 43.4 31.7 47.5





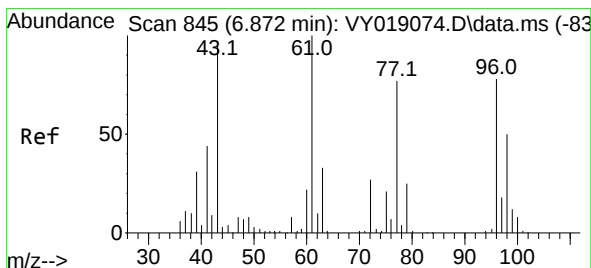
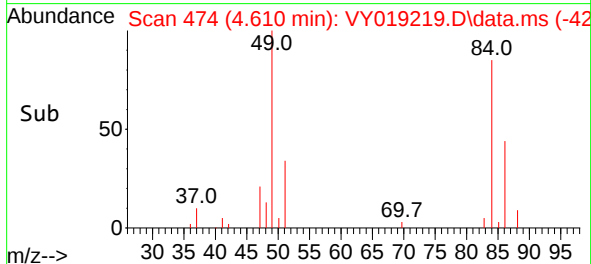
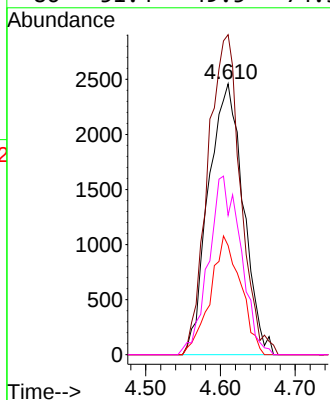
#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7969

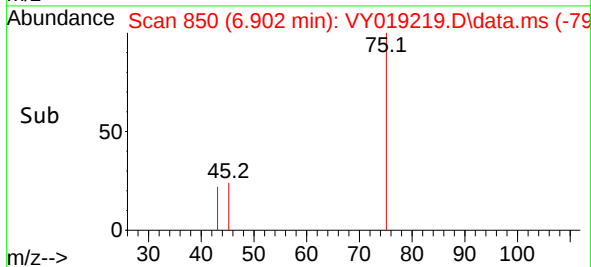
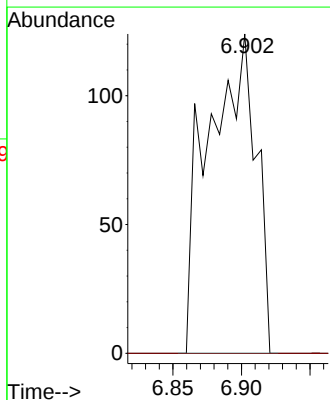
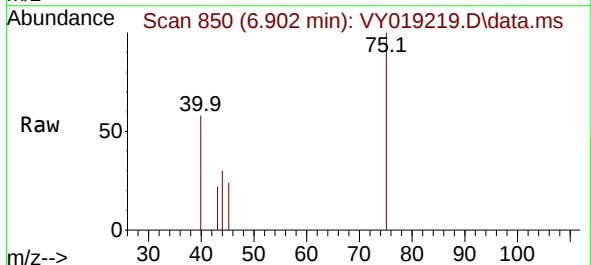
Ion	Ratio	Lower	Upper
84	100		
49	118.1	84.4	126.6
51	40.3	26.0	39.0#
86	51.4	49.5	74.3

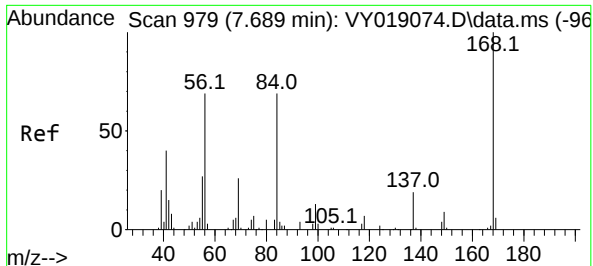


#25
2-Butanone
Concen: 1.022 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.031 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Tgt Ion: 43 Resp: 300

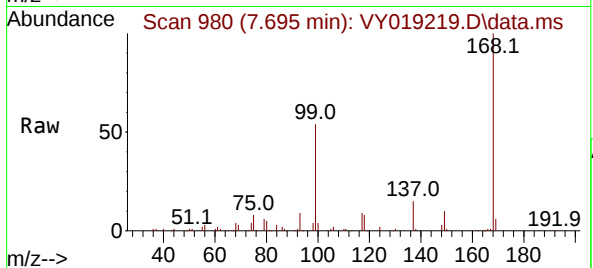
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



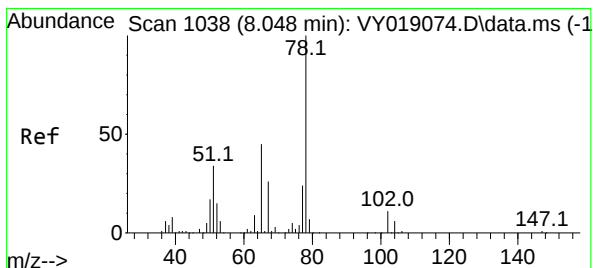
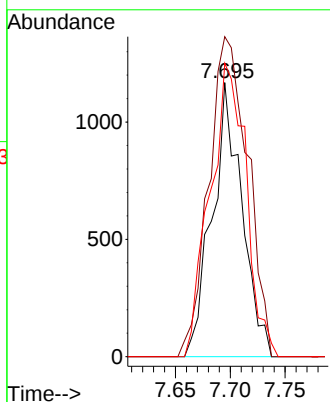
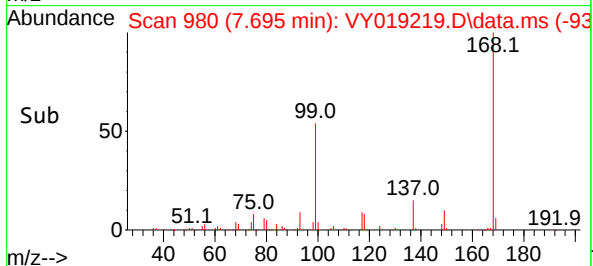


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

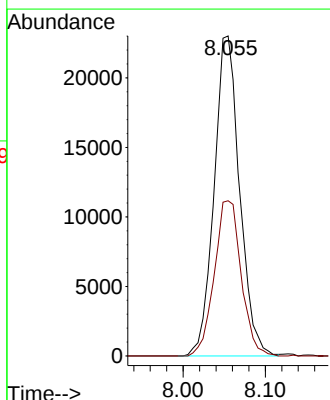
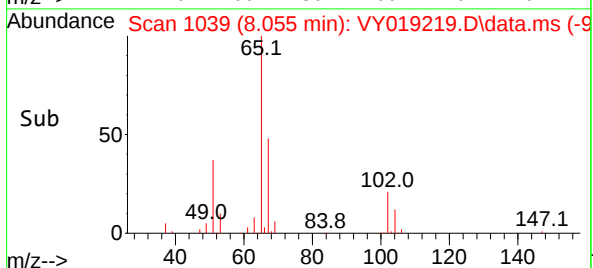
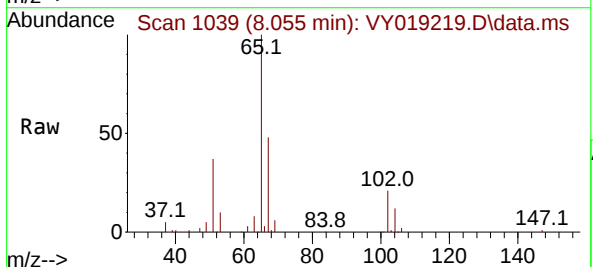


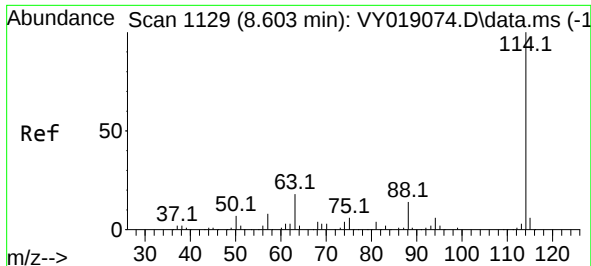
Tgt Ion: 56 Resp: 2210
Ion Ratio Lower Upper
56 100
69 116.8 28.7 43.1#
84 107.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.431 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Tgt Ion: 65 Resp: 49555
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6

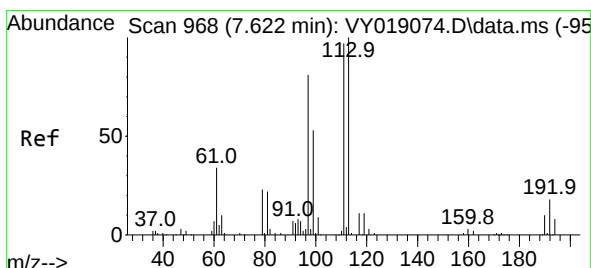
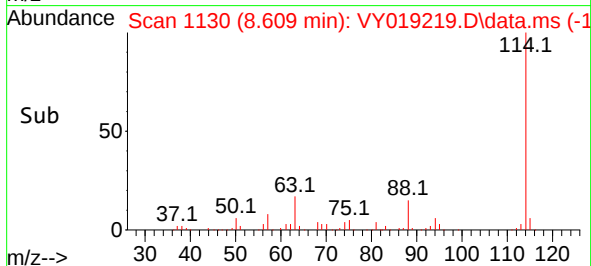
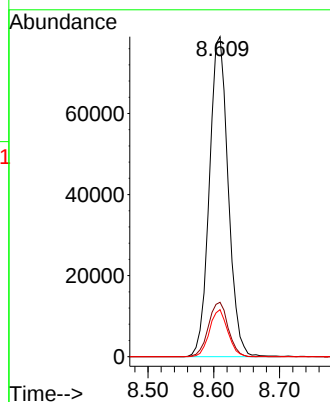
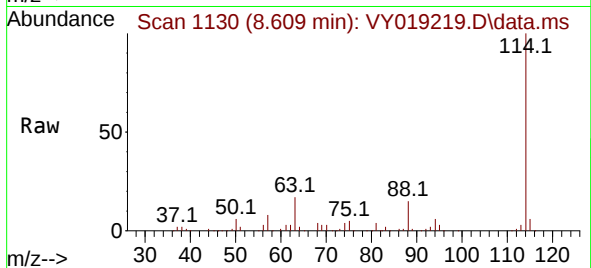




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

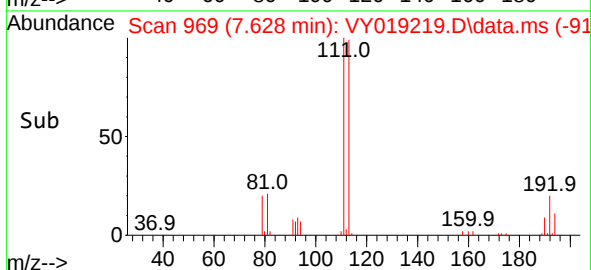
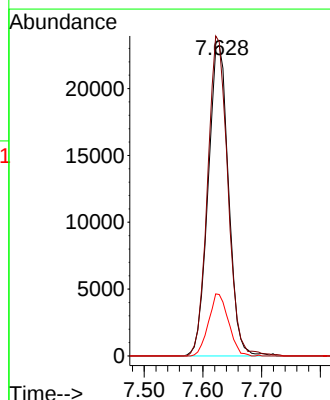
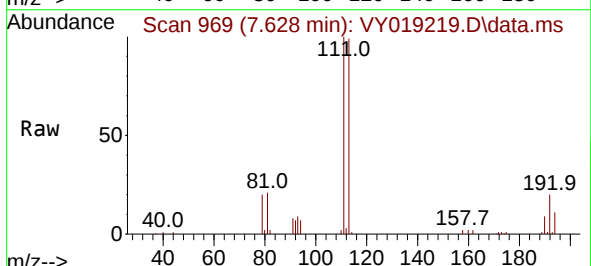
Instrument :
MSVOA_Y
ClientSampleId :

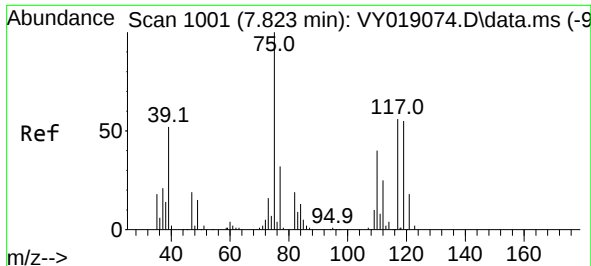
Tgt Ion:114 Resp: 157232
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.585 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

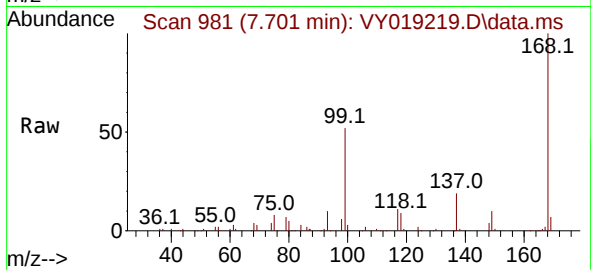
Tgt Ion:113 Resp: 56118
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.5 15.9 23.9



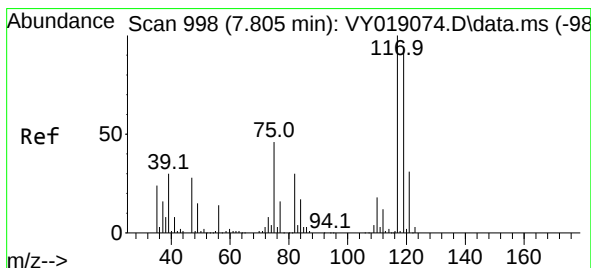
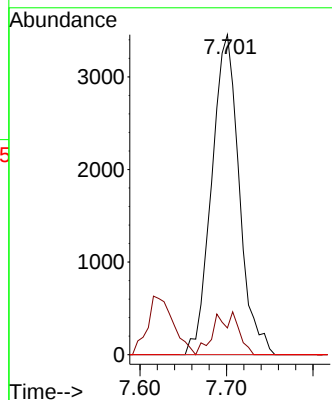
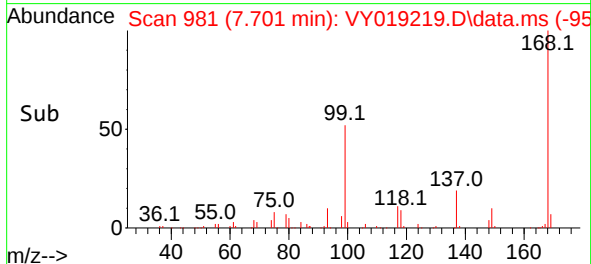


#36
1,1-Dichloropropene
Concen: 5.405 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

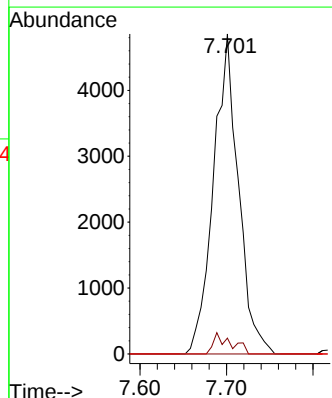
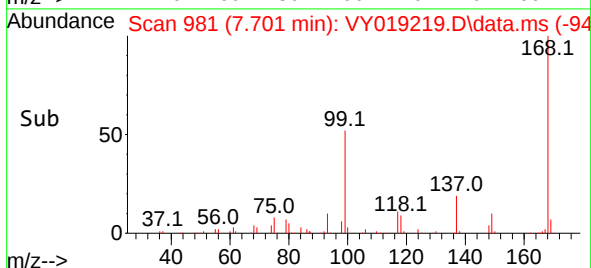
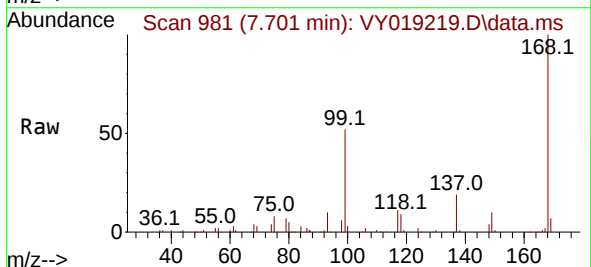


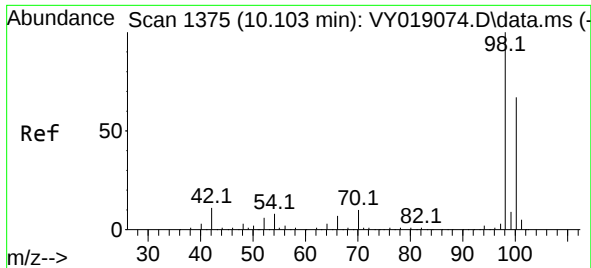
Tgt Ion: 75 Resp: 7631
Ion Ratio Lower Upper
75 100
110 7.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.942 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Tgt Ion: 117 Resp: 9722
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#

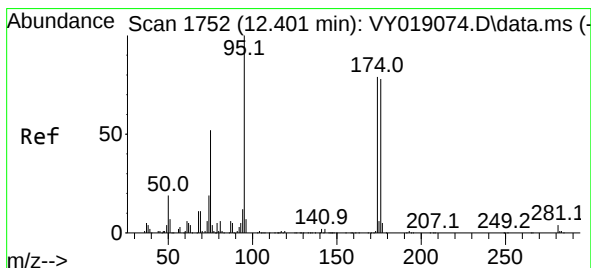
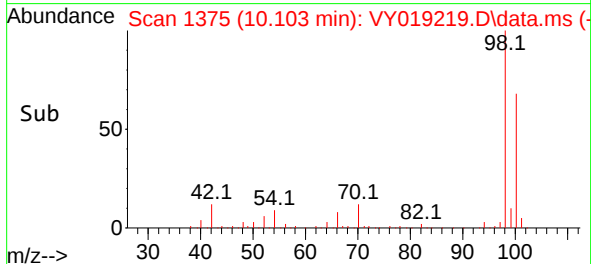
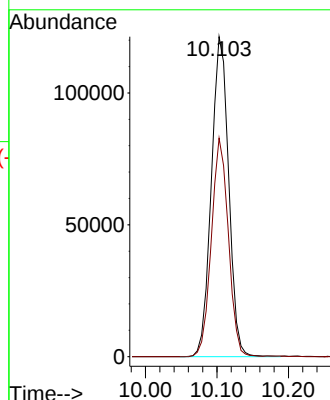
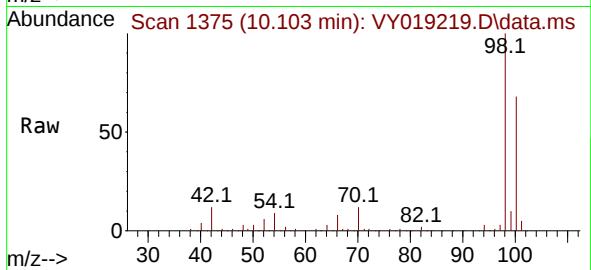




#50
Toluene-d8
Concen: 55.208 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

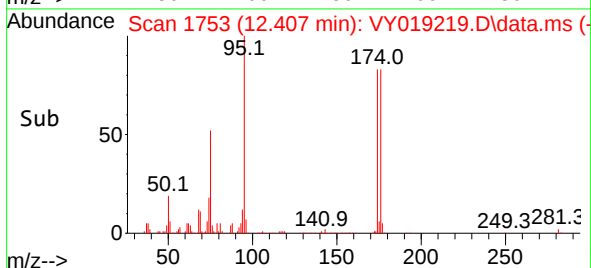
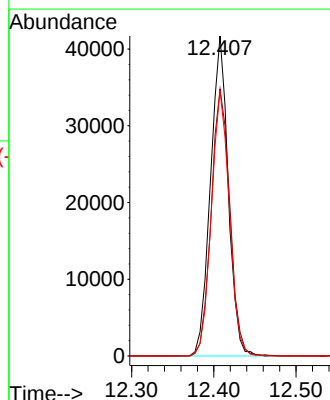
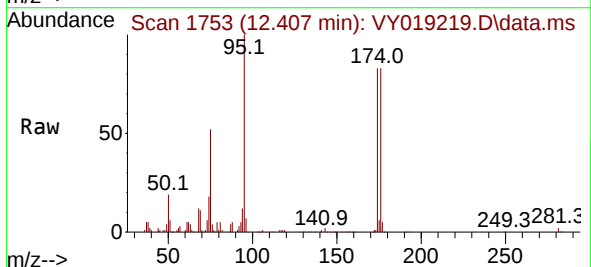
Instrument :
MSVOA_Y
ClientSampleId :

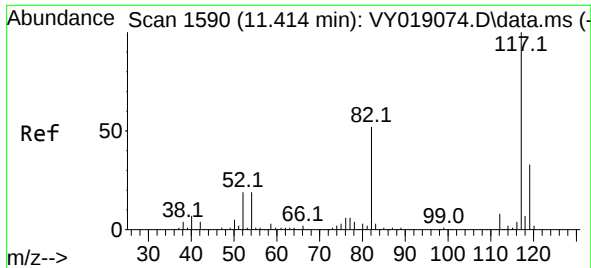
Tgt Ion: 98 Resp: 204254
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.587 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

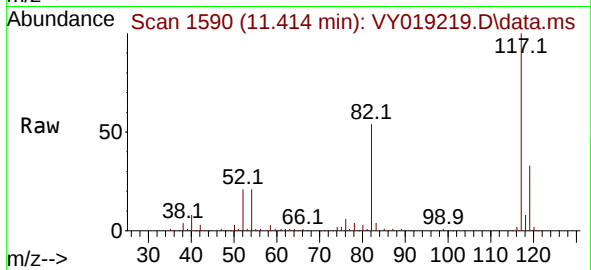
Tgt Ion: 95 Resp: 62540
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.6
176 84.2 0.0 171.4



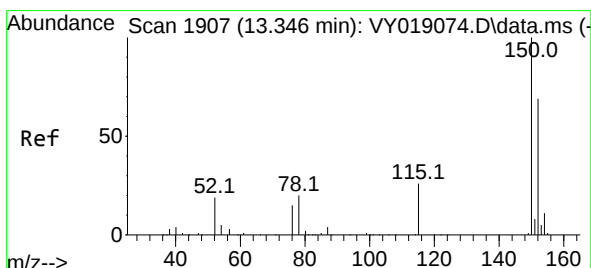
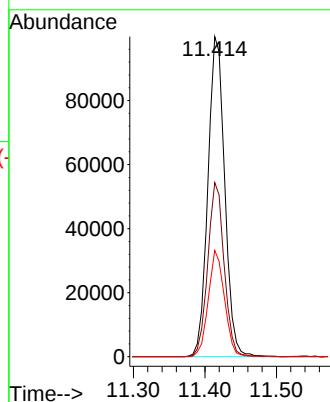
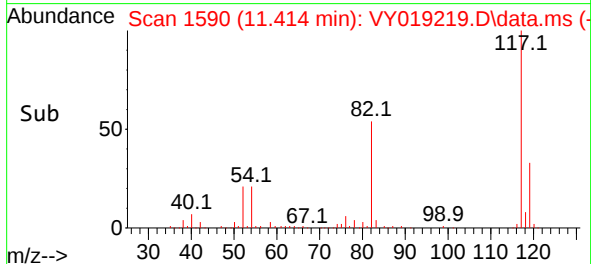


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

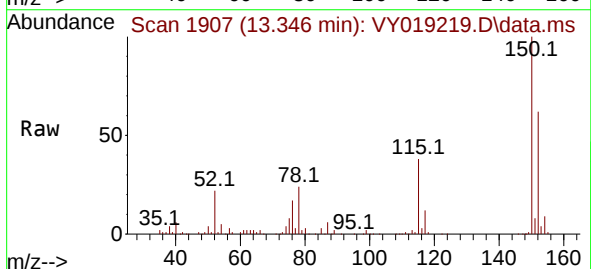
Instrument :
MSVOA_Y
ClientSampleId :



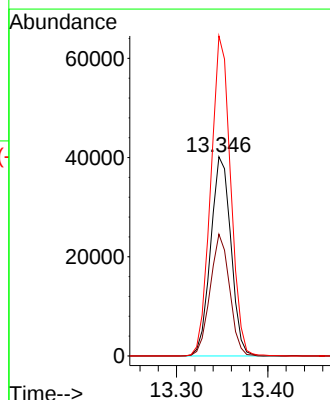
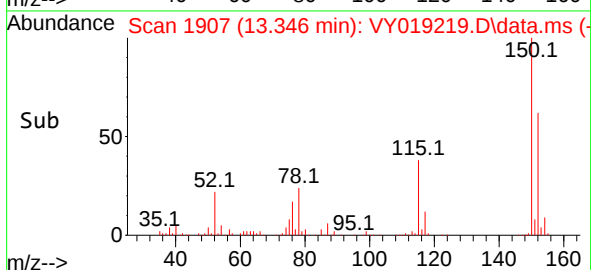
Tgt Ion:117 Resp: 163066
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 33.2 25.9 38.9

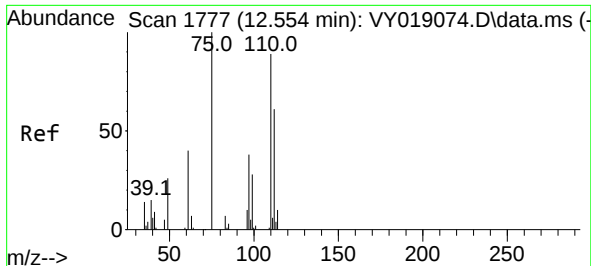


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44



Tgt Ion:152 Resp: 61866
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.2 0.0 345.6

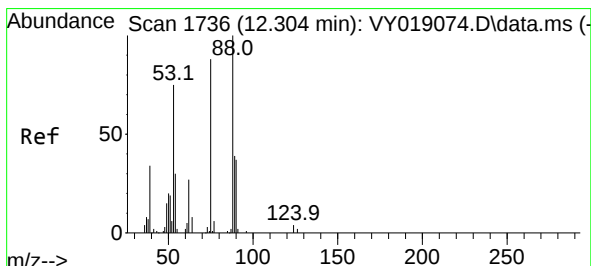
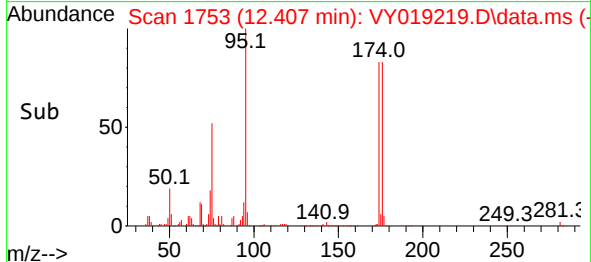
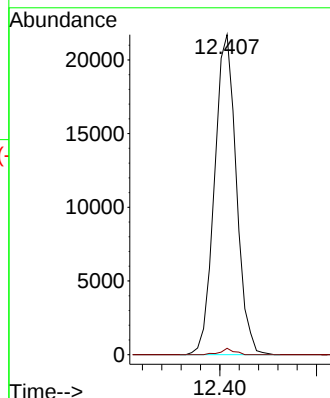
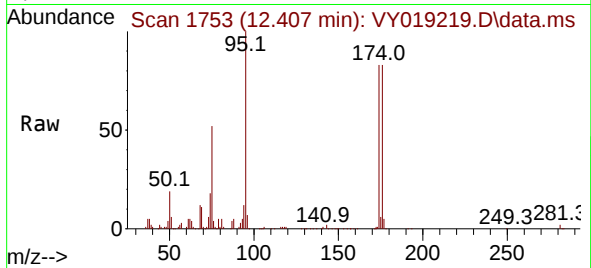




#76
1,2,3-Trichloropropane
Concen: 55.703 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33985
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.568 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Tgt Ion: 75 Resp: 33985
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

