

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019145.D
 Acq On : 20 Aug 2024 12:51
 Operator : SY/MD
 Sample : P3617-10
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:28:47 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)

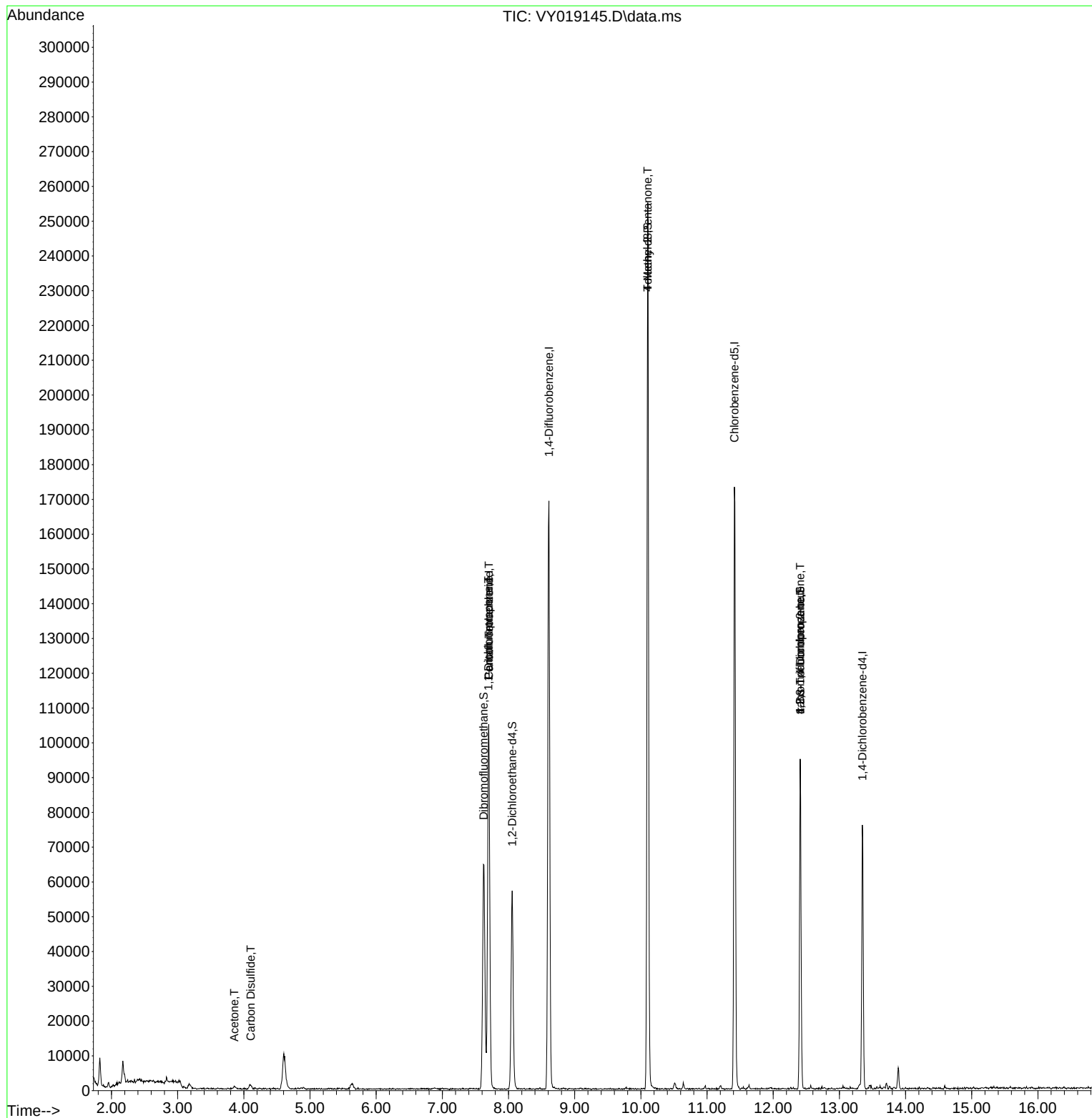
Internal Standards						
1) Pentafluorobenzene	7.701	168	83427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	149474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	19037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	43167	51.617	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.240%			
35) Dibromofluoromethane	7.622	113	46279	47.352	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.700%			
50) Toluene-d8	10.103	98	160345	45.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.180%			
62) 4-Bromofluorobenzene	12.408	95	27231	22.712	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 45.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	282	Below Cal	#	54
6) Chloroethane	2.733	64	40	Below Cal	#	1
11) Tert butyl alcohol	4.860	59	167	Below Cal	#	88
16) Acetone	3.854	43	1130	7.286	ug/l #	84
17) Carbon Disulfide	4.104	76	2451	1.044	ug/l #	76
20) Methylene Chloride	4.610	84	7678	Below Cal	#	94
31) Cyclohexane	7.695	56	1721	Below Cal	#	64
36) 1,1-Dichloropropene	7.695	75	6082	4.532	ug/l #	49
38) Carbon Tetrachloride	7.701	117	8751	5.626	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	821	1.286	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	14211	75.695	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	14211	186.942	ug/l #	16

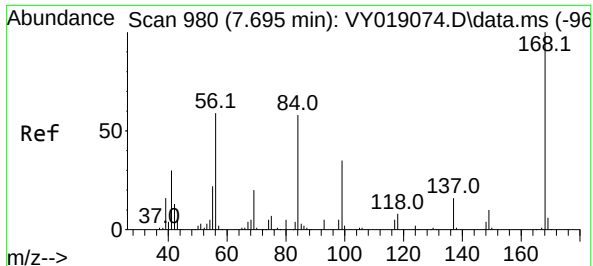
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019145.D
Acq On : 20 Aug 2024 12:51
Operator : SY/MD
Sample : P3617-10
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 21 01:28:47 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

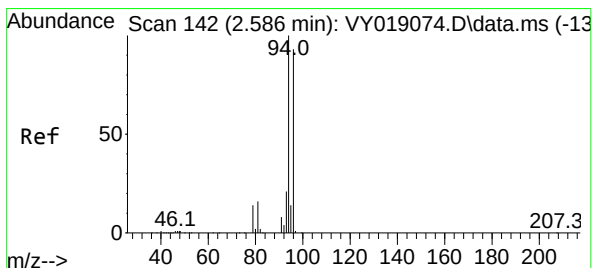
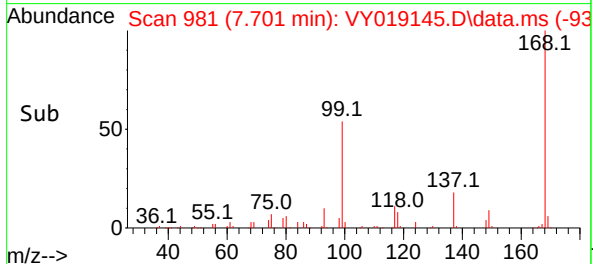
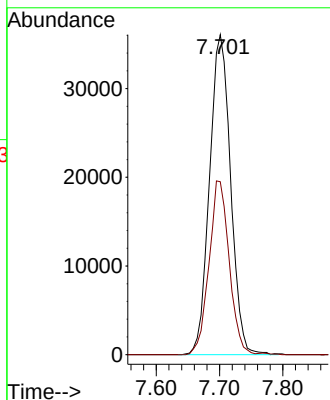
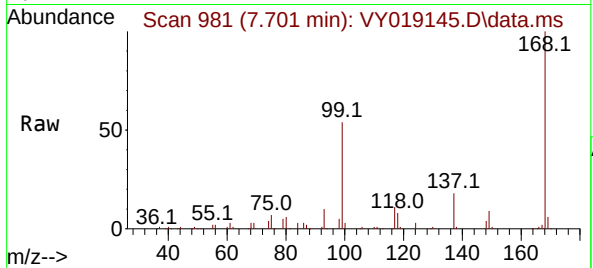




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

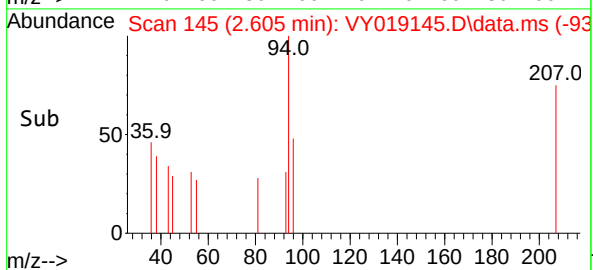
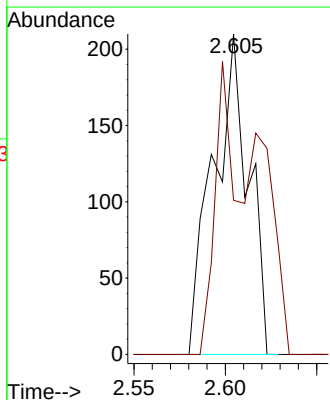
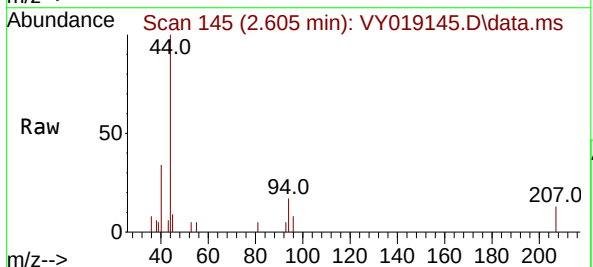
Instrument :
MSVOA_Y
ClientSampleId :

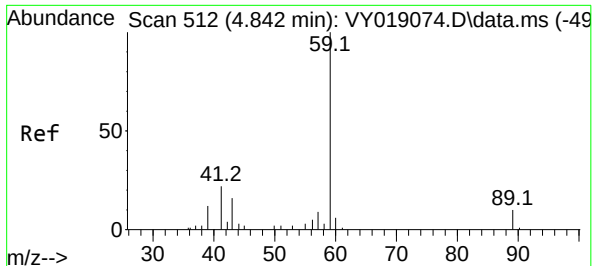
Tgt Ion:168 Resp: 83427
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 48.1 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.860 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY019145.D

Acq: 20 Aug 2024 12:51

Instrument :

MSVOA_Y

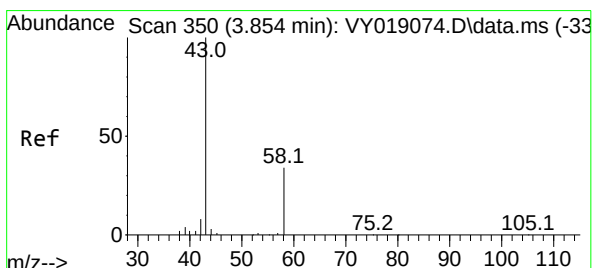
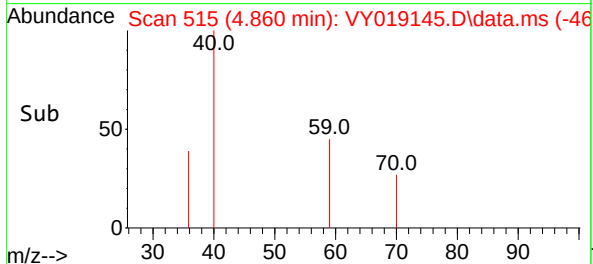
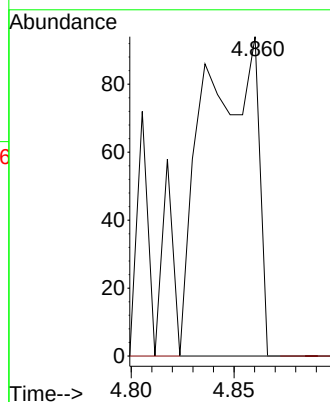
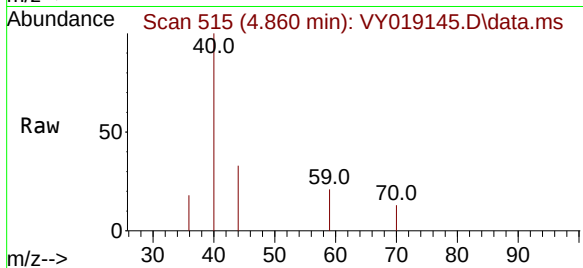
ClientSampleId :

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 7.286 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019145.D

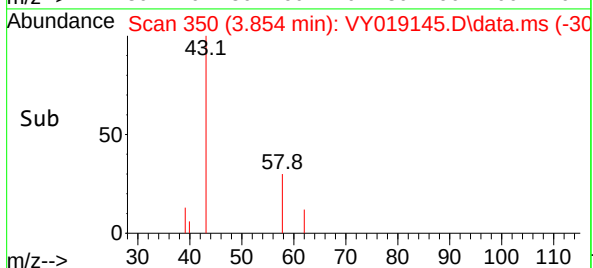
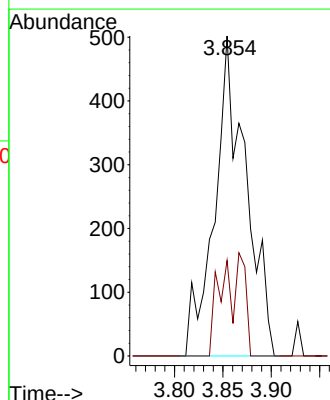
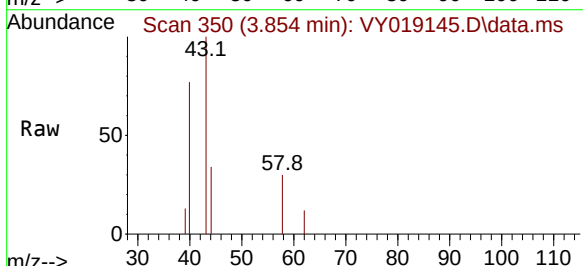
Acq: 20 Aug 2024 12:51

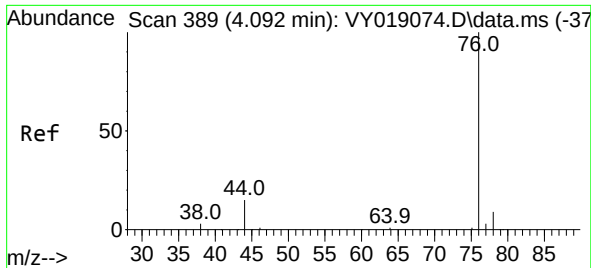
Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

43 100

58 29.9 31.7 47.5#

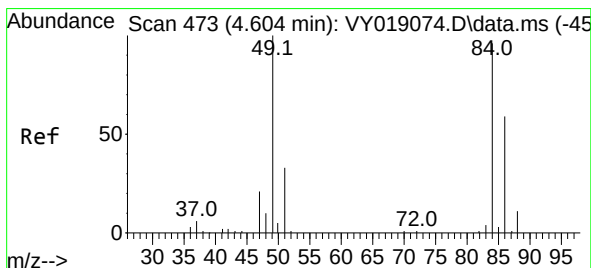
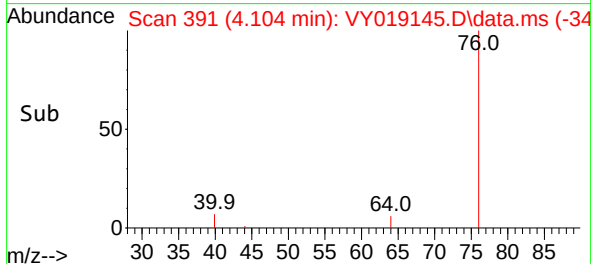
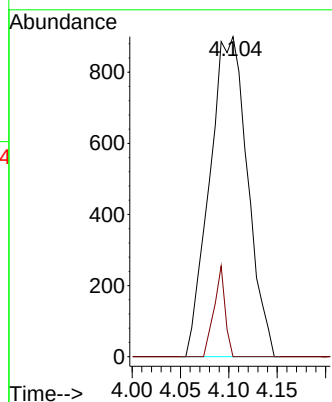
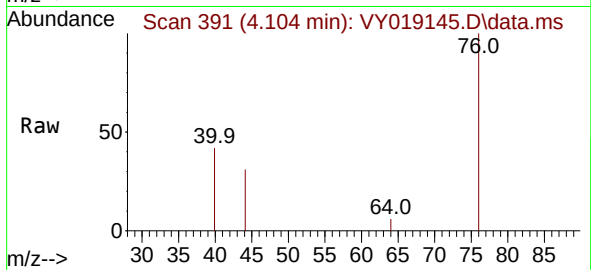




#17
Carbon Disulfide
Concen: 1.044 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.013 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

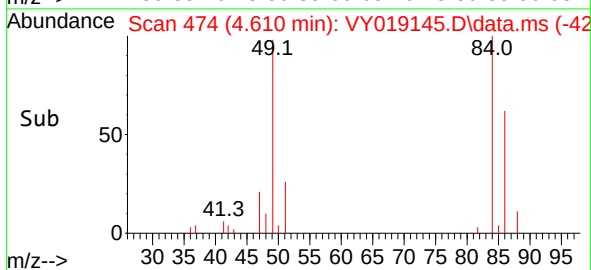
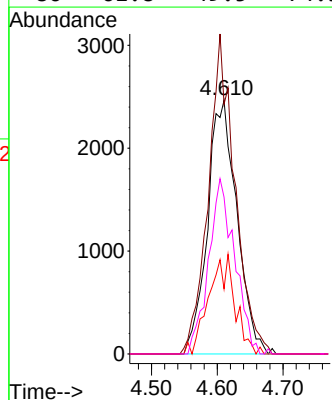
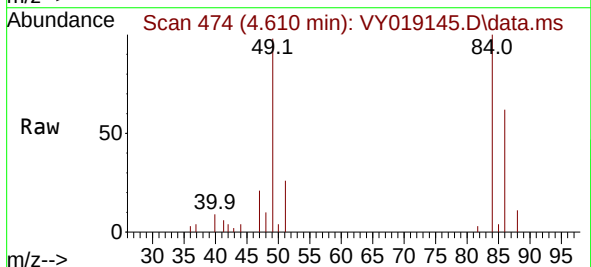
Instrument :
MSVOA_Y
ClientSampleId :

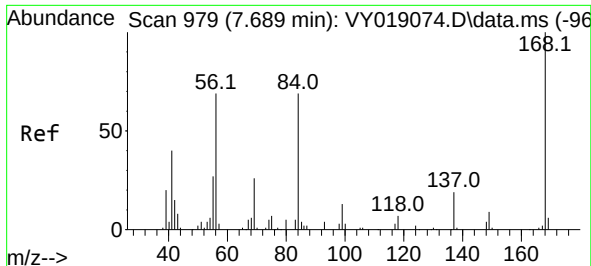
Tgt Ion: 76 Resp: 2451
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

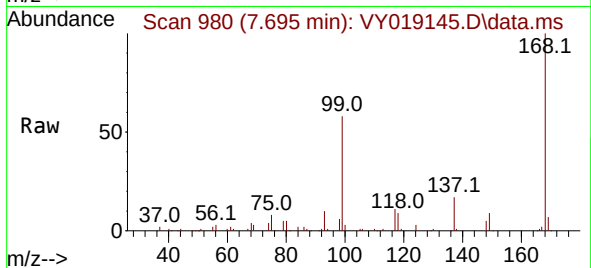
Tgt Ion: 84 Resp: 7678
Ion Ratio Lower Upper
84 100
49 98.5 84.4 126.6
51 25.7 26.0 39.0#
86 61.8 49.5 74.3



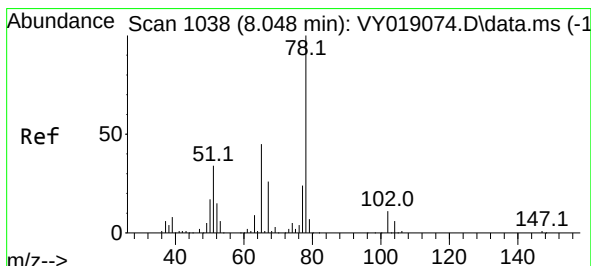
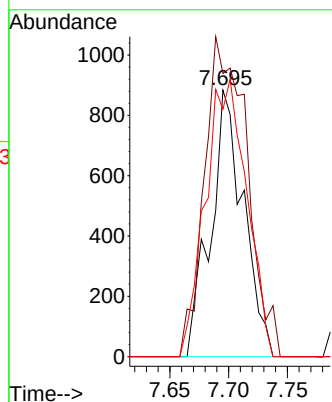
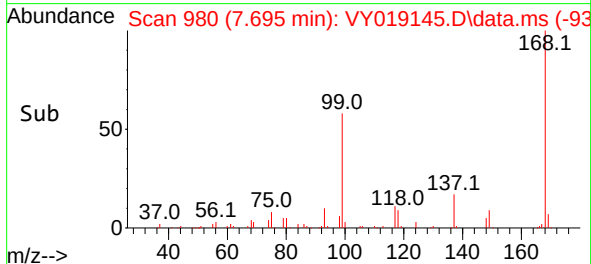


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :

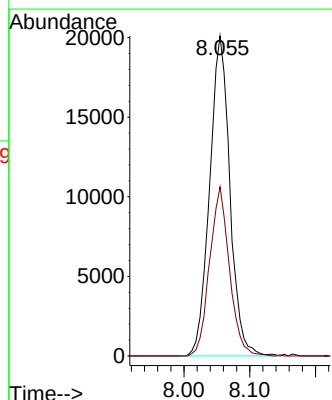
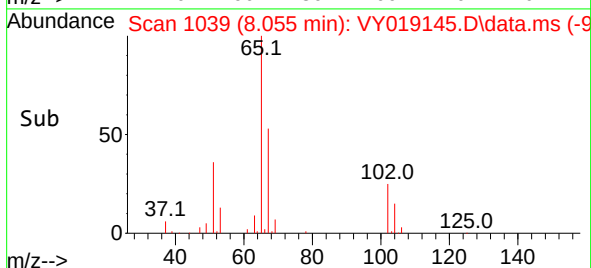
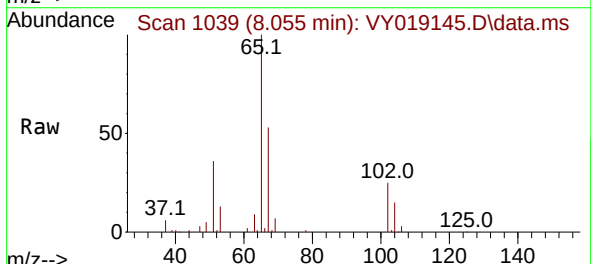


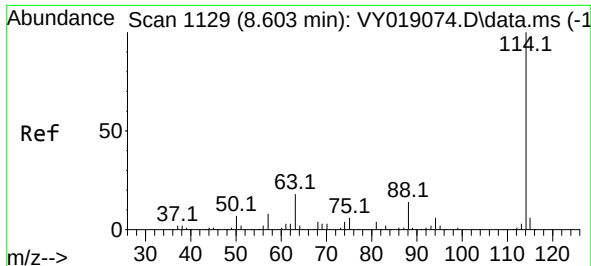
Tgt Ion: 56 Resp: 1721
Ion Ratio Lower Upper
56 100
69 106.2 28.7 43.1#
84 92.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.617 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Tgt Ion: 65 Resp: 43167
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

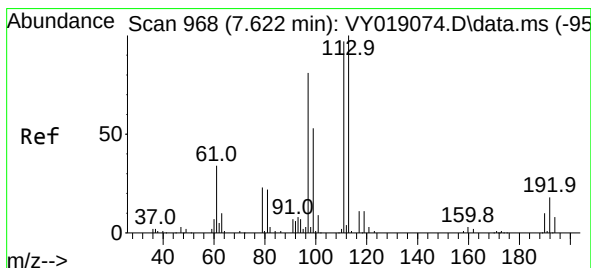
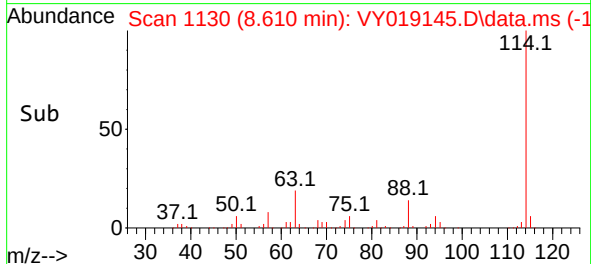
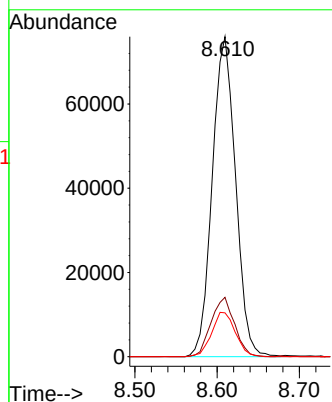
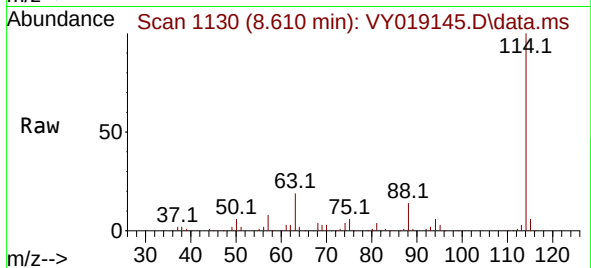




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

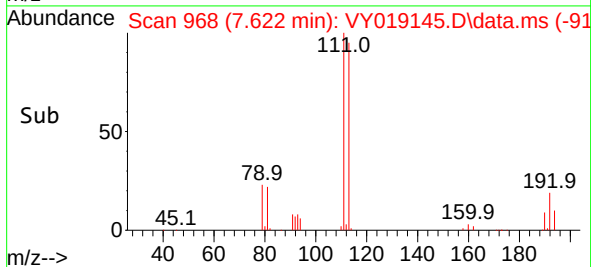
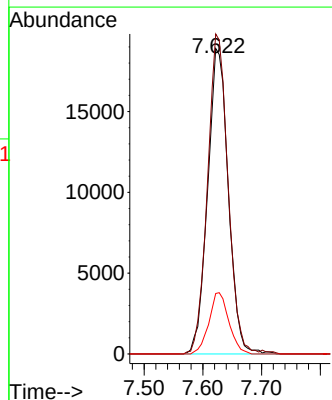
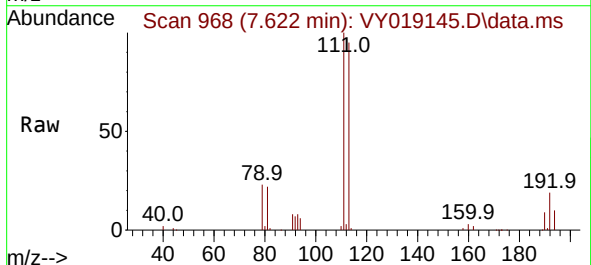
Instrument :
MSVOA_Y
ClientSampleId :

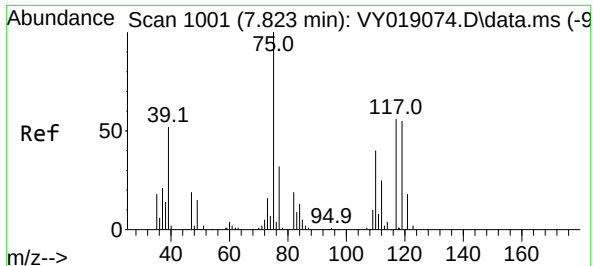
Tgt Ion:114 Resp: 149474
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.352 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Tgt Ion:113 Resp: 46279
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.532 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.128 min

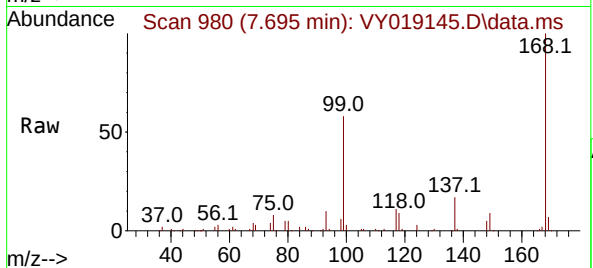
Lab File: VY019145.D

Acq: 20 Aug 2024 12:51

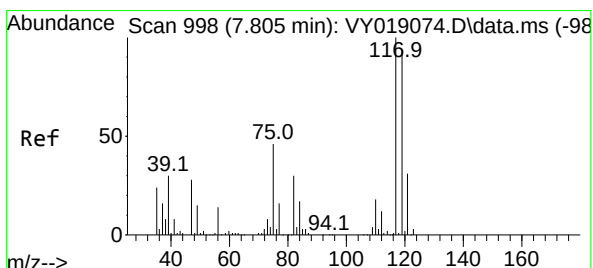
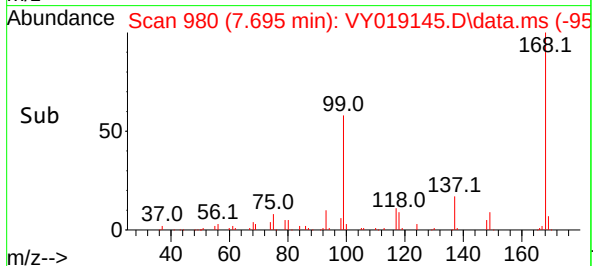
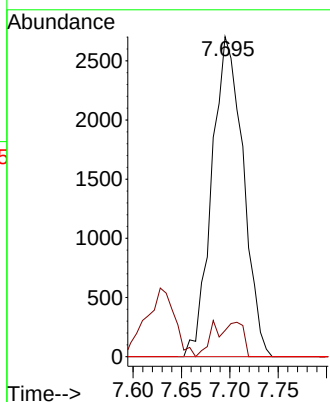
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 6082
Ion Ratio	Lower Upper
75	100
110	10.0 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.626 ug/l

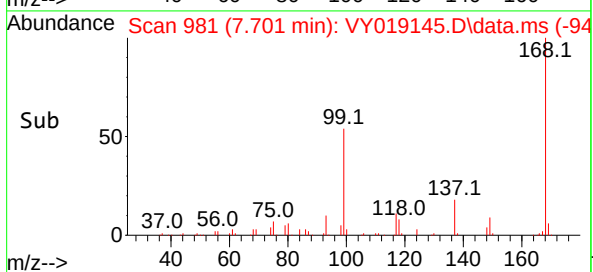
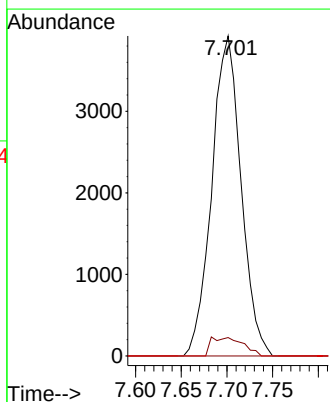
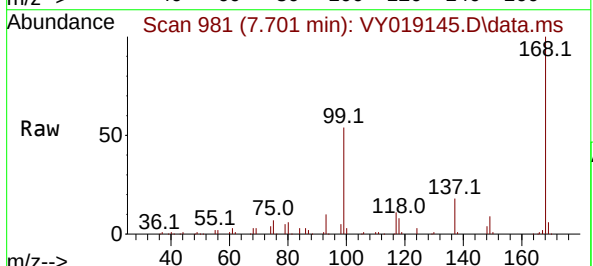
RT: 7.701 min Scan# 981

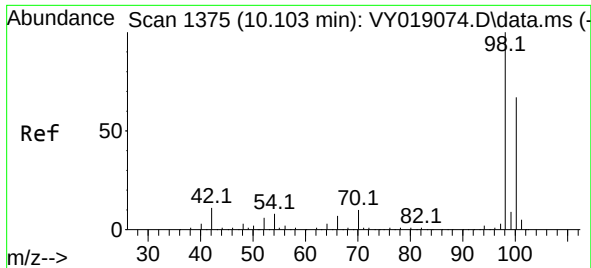
Delta R.T. -0.103 min

Lab File: VY019145.D

Acq: 20 Aug 2024 12:51

Tgt Ion: 117	Resp: 8751
Ion Ratio	Lower Upper
117	100
119	5.8 75.8 113.6#
121	0.0 24.0 36.0#

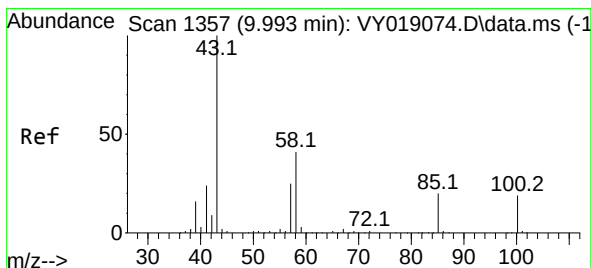
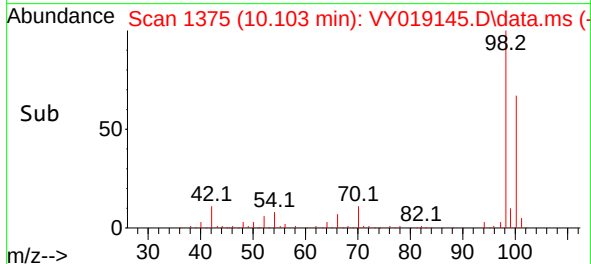
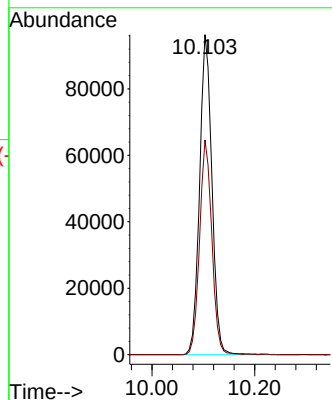
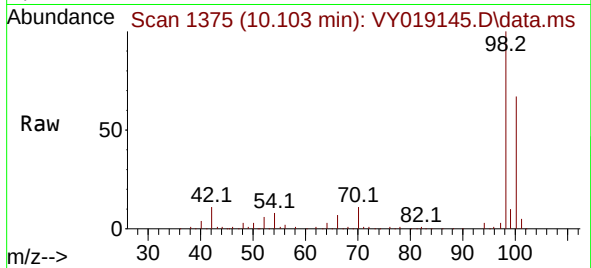




#50
Toluene-d8
Concen: 45.590 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

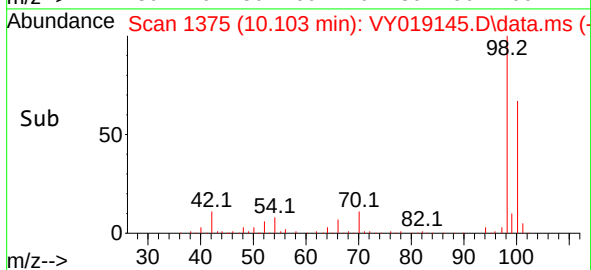
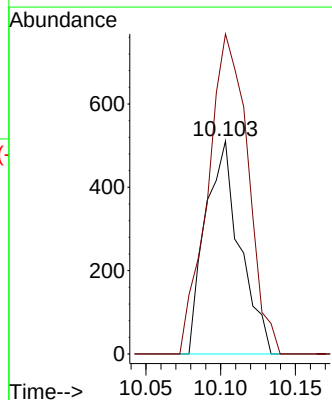
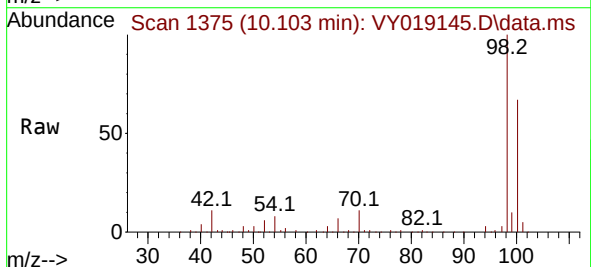
Instrument :
MSVOA_Y
ClientSampleId :

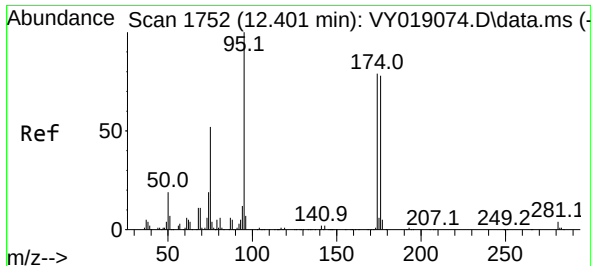
Tgt Ion: 98 Resp: 160345
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.286 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 174.2 35.7 53.5#

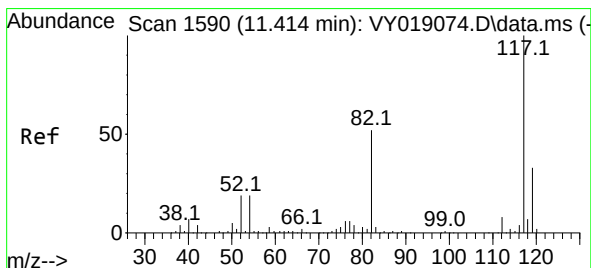
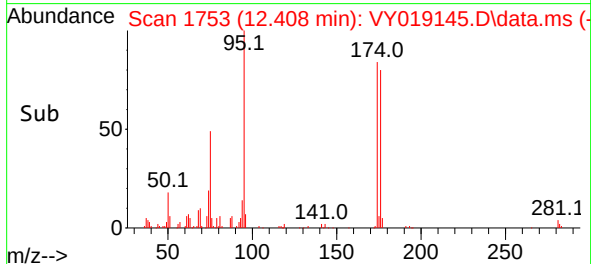
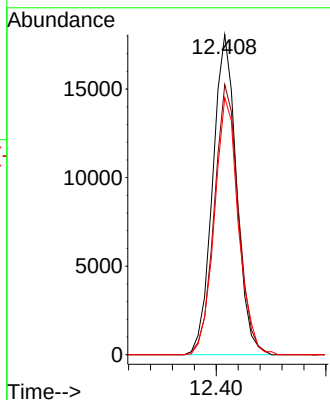
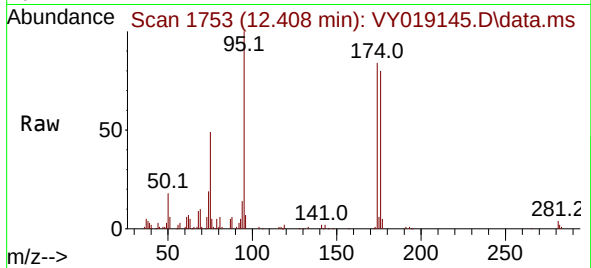




#62
4-Bromofluorobenzene
Concen: 22.712 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

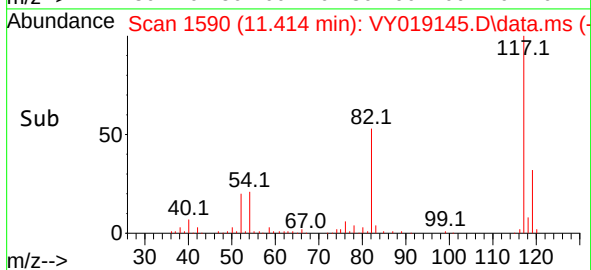
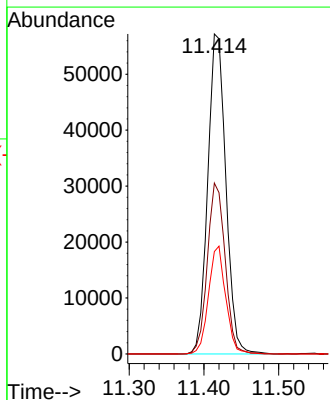
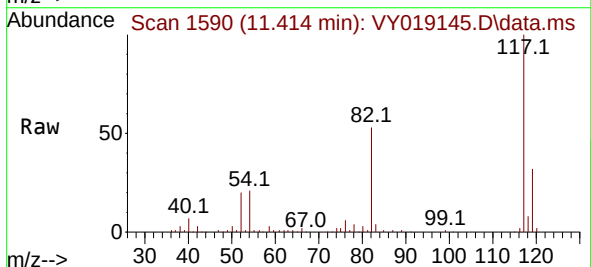
Instrument :
MSVOA_Y
ClientSampleId :

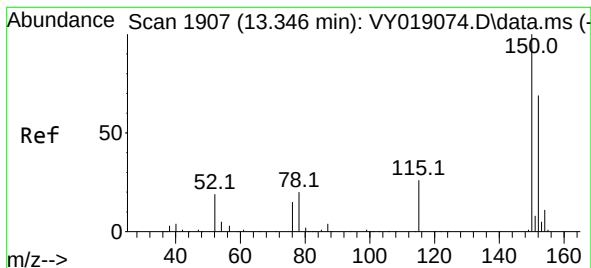
Tgt Ion: 95 Resp: 27231
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 81.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

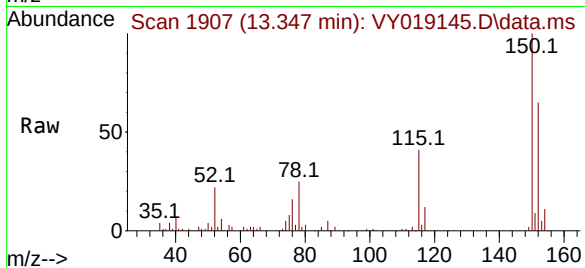
Tgt Ion: 117 Resp: 96214
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 32.0 25.9 38.9



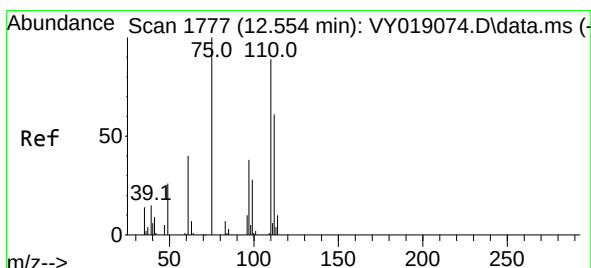
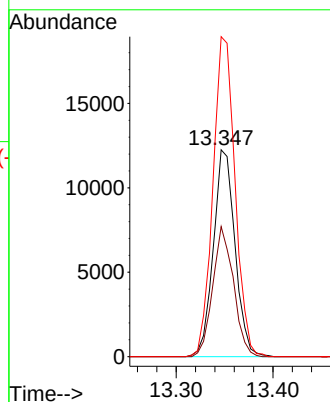
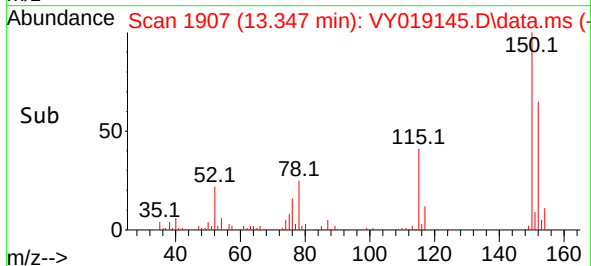


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 19037
Delta R.T. 0.000 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :

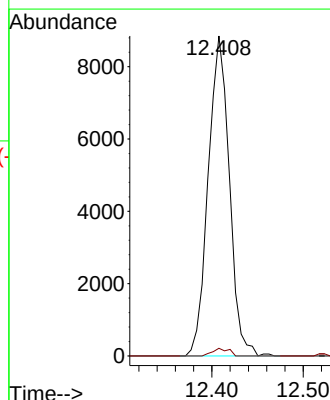
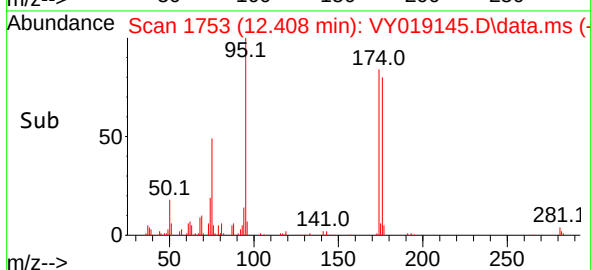
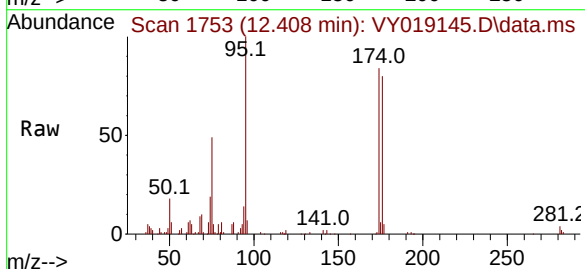


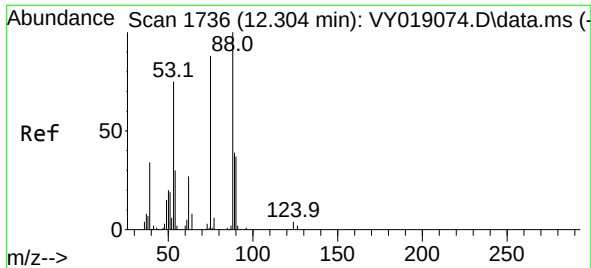
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.2	84.7
150	157.7	0.0	345.6



#76
1,2,3-Trichloropropane
Concen: 75.695 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

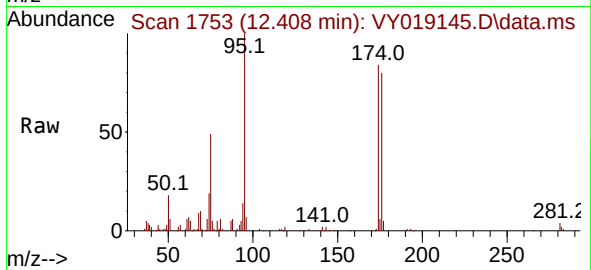
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 186.942 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019145.D
 Acq: 20 Aug 2024 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

