

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019218.D
 Acq On : 22 Aug 2024 14:20
 Operator : SY/MD
 Sample : P3698-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:52:49 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)

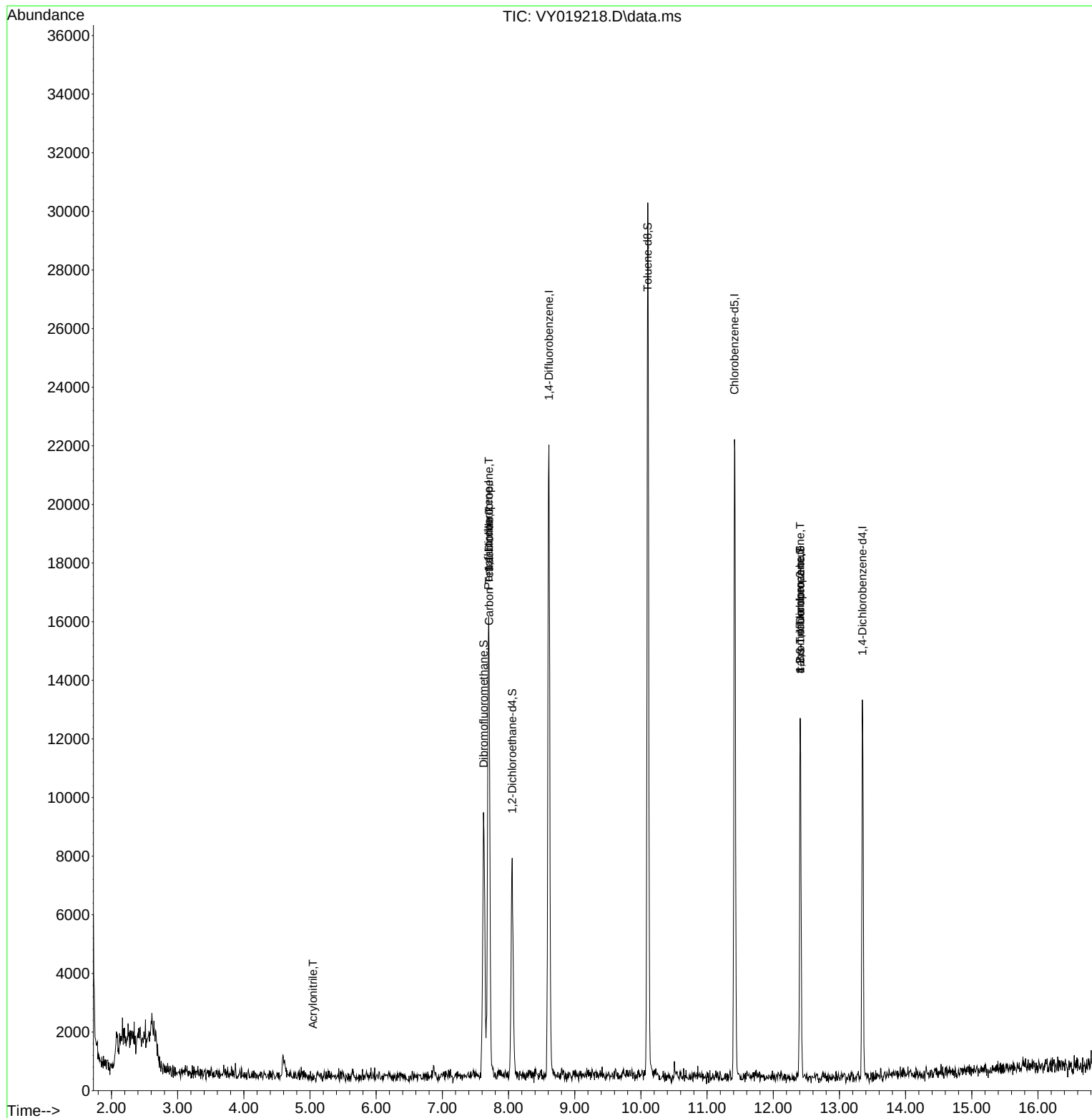
Internal Standards						
1) Pentafluorobenzene	7.695	168	12337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	18748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	13074	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	3410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5838	47.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.420%
35) Dibromofluoromethane	7.622	113	6117	49.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.103	98	19432	44.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.100%
62) 4-Bromofluorobenzene	12.408	95	3893	25.887	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	51.780%
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	431	Below Cal		87
11) Tert butyl alcohol	4.818	59	19	Below Cal	#	88
13) Acrolein	3.464	56	21	Below Cal	#	15
15) Acrylonitrile	5.043	53	29	1.078	ug/l #	18
20) Methylene Chloride	4.592	84	594	Below Cal	#	70
31) Cyclohexane	7.689	56	227	Below Cal	#	62
36) 1,1-Dichloropropene	7.701	75	1015	6.030	ug/l #	40
38) Carbon Tetrachloride	7.707	117	1318	6.756	ug/l #	13
76) 1,2,3-Trichloropropane	12.408	75	1917	57.005	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	1917	140.783	ug/l #	16

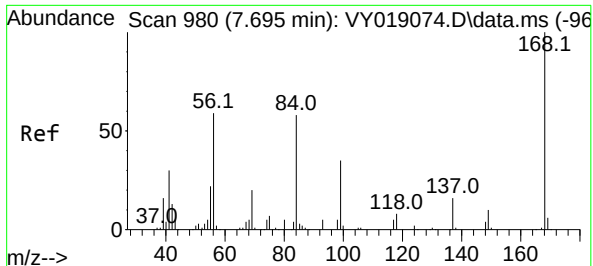
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

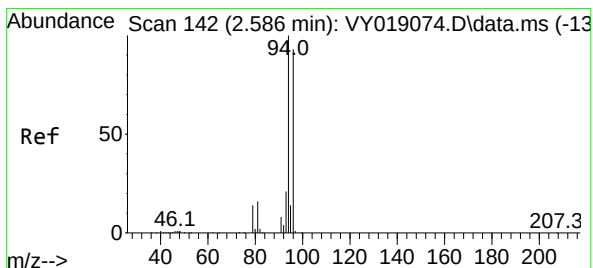
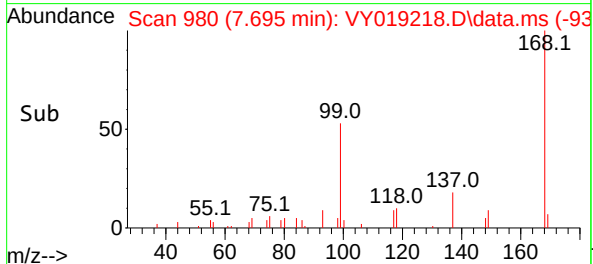
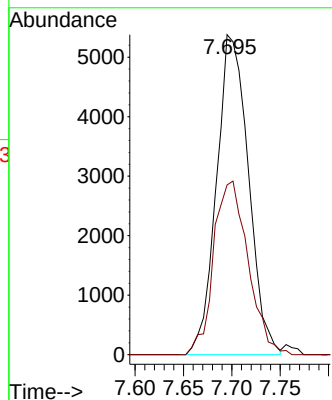
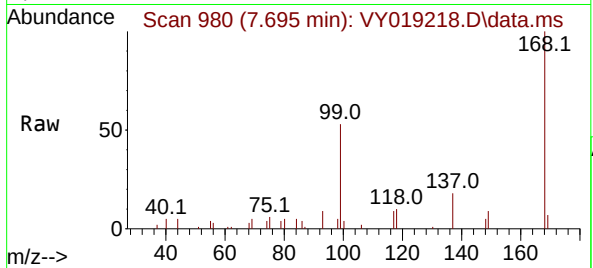




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

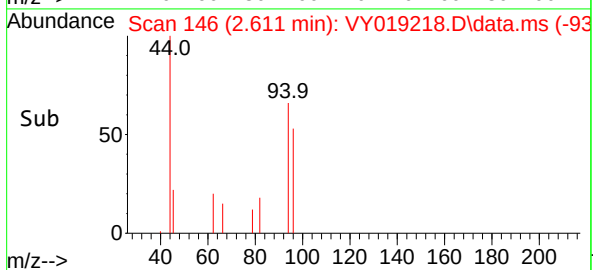
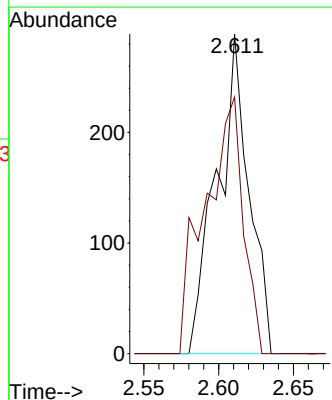
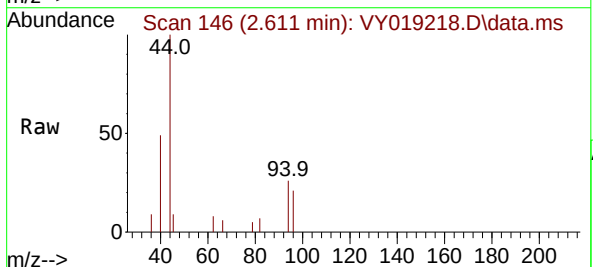
Instrument :
MSVOA_Y
ClientSampleId :

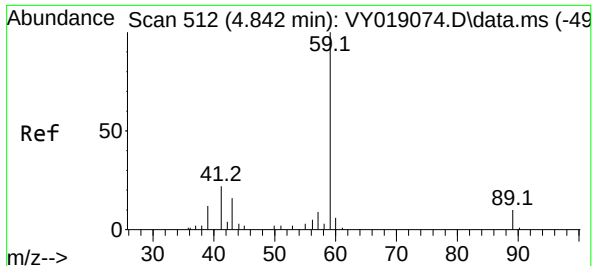
Tgt Ion:168 Resp: 12337
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 80.3 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.818 min Scan# 50

Delta R.T. -0.024 min

Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

Instrument :

MSVOA_Y

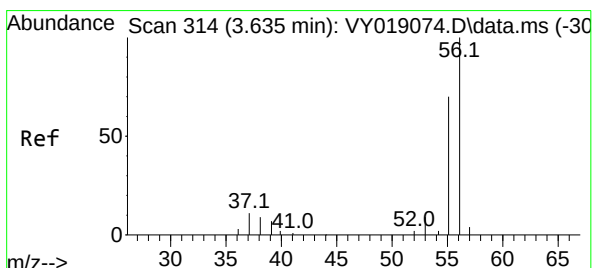
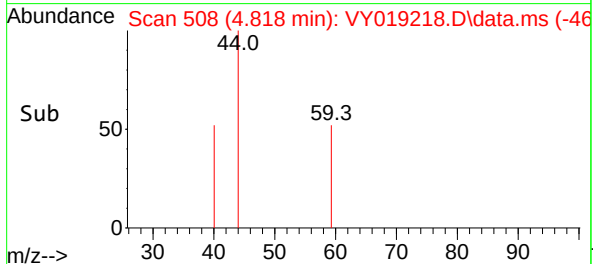
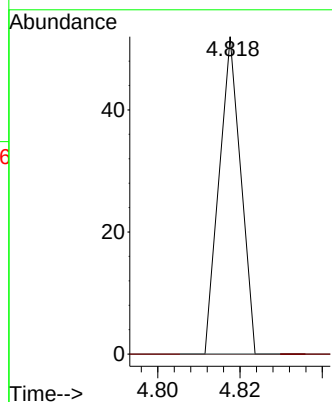
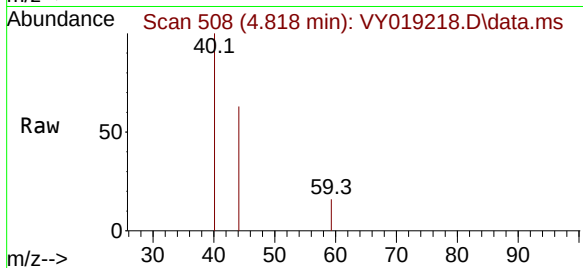
ClientSampleId :

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.464 min Scan# 286

Delta R.T. -0.171 min

Lab File: VY019218.D

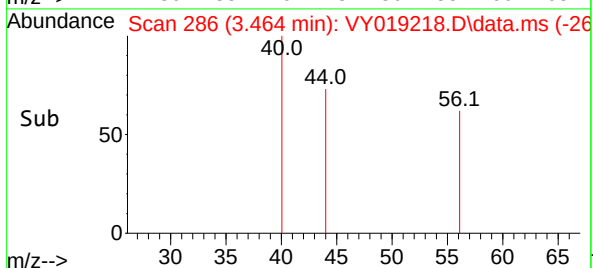
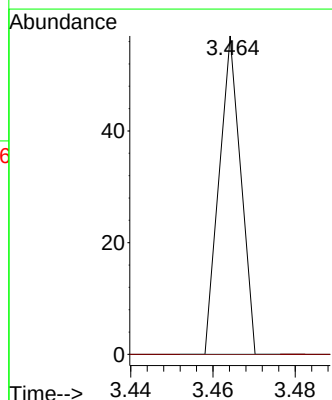
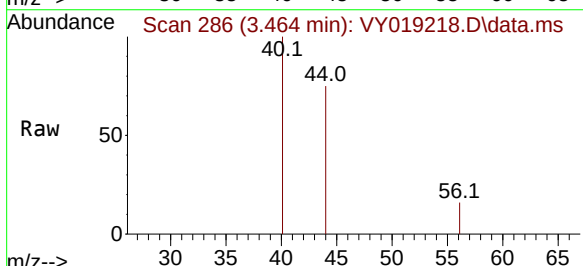
Acq: 22 Aug 2024 14:20

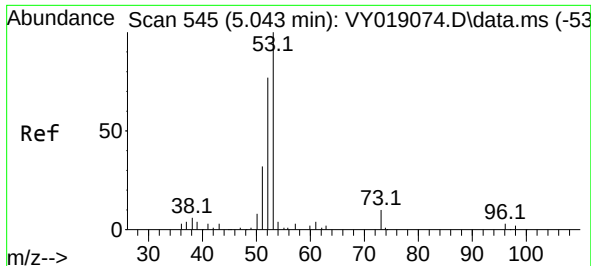
Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#





#15

Acrylonitrile

Concen: 1.078 ug/l

RT: 5.043 min Scan# 54

Delta R.T. 0.000 min

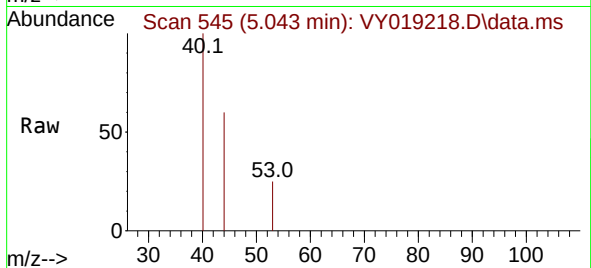
Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

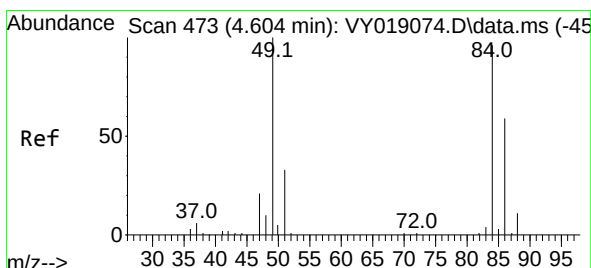
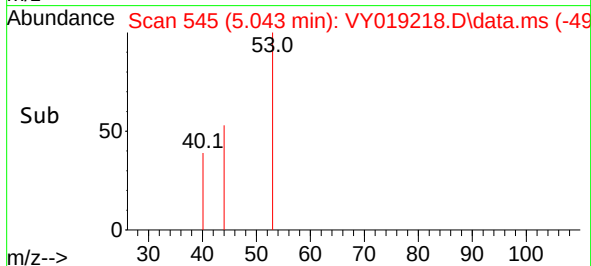
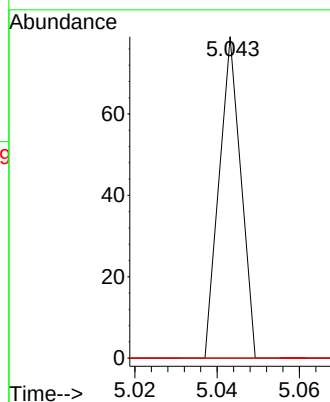
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp:	29
Ion	Ratio	Lower Upper
53	100	
52	0.0	64.7 97.1#
51	0.0	28.4 42.6#



#20

Methylene Chloride

Concen: Below Cal

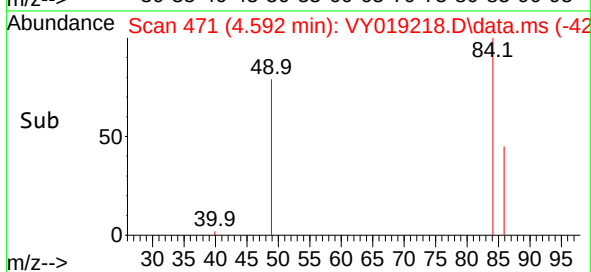
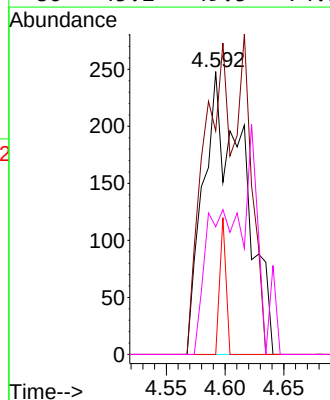
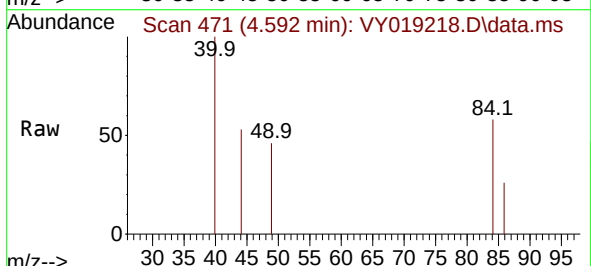
RT: 4.592 min Scan# 471

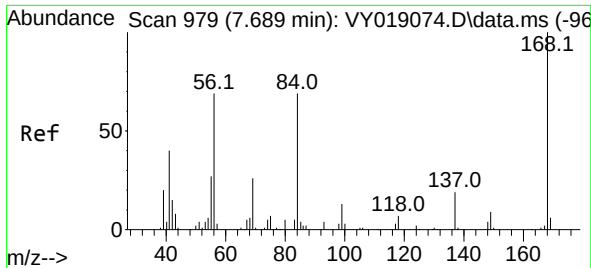
Delta R.T. -0.012 min

Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

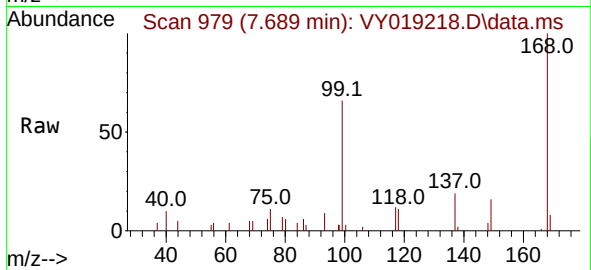
Tgt Ion: 84	Resp:	594
Ion	Ratio	Lower Upper
84	100	
49	79.0	84.4 126.6#
51	0.0	26.0 39.0#
86	45.2	49.5 74.3#



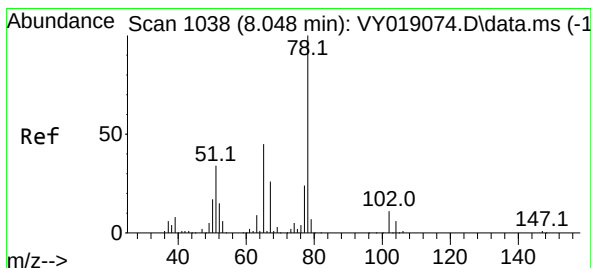
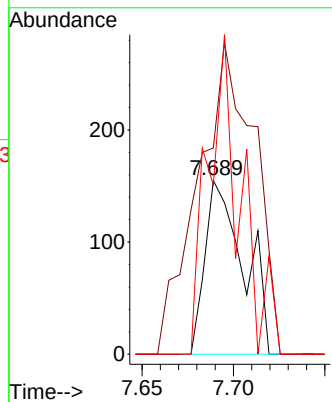
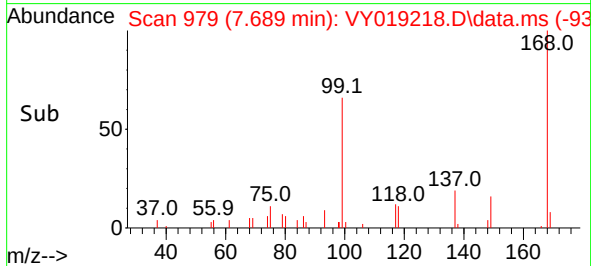


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Instrument :
MSVOA_Y
ClientSampleId :

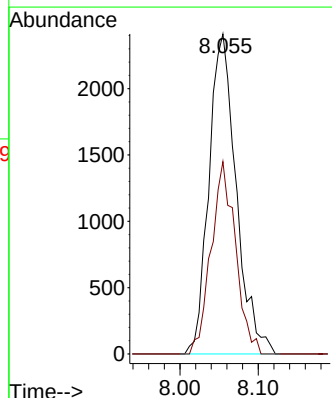
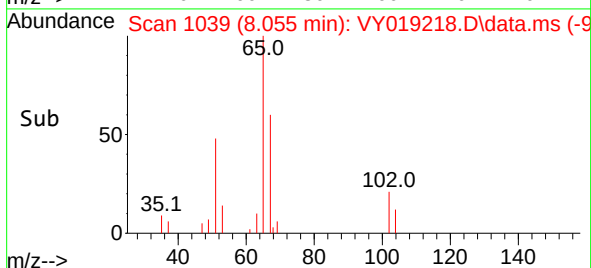
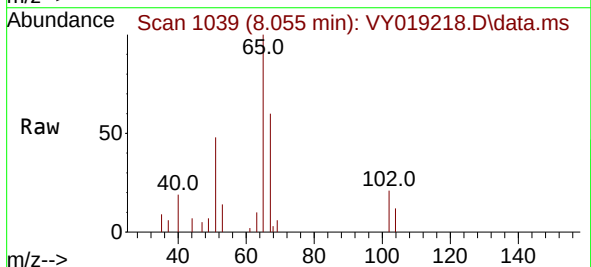


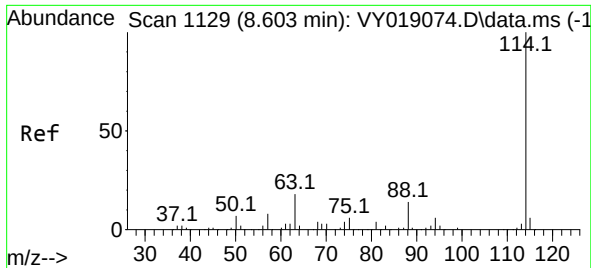
Tgt Ion: 56 Resp: 227
Ion Ratio Lower Upper
56 100
69 118.7 28.7 43.1#
84 97.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 47.207 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion: 65 Resp: 5838
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

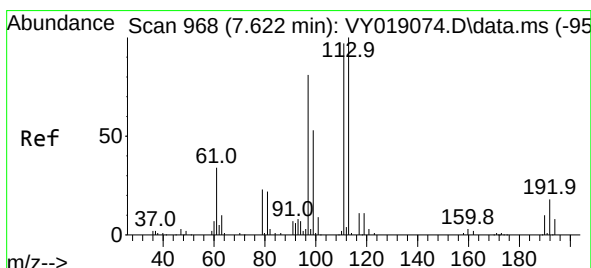
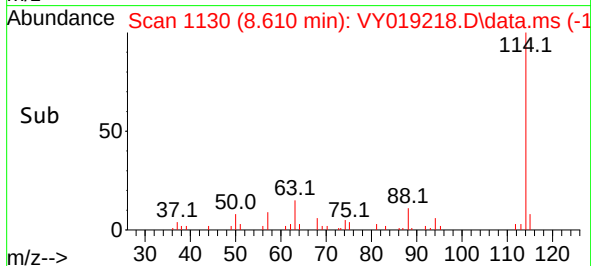
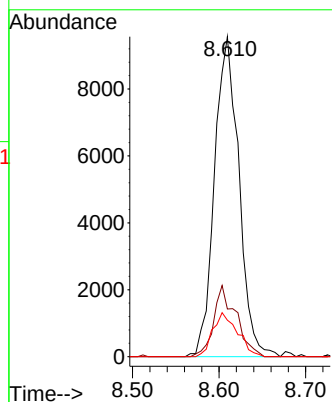
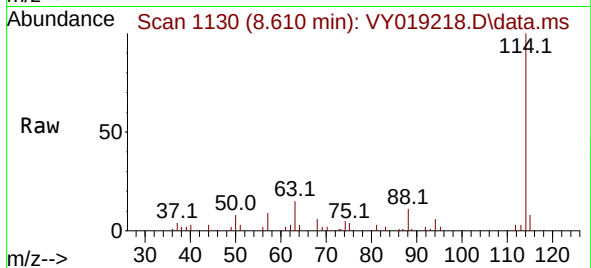
Tgt Ion:114 Resp: 18748

Ion Ratio Lower Upper

114 100

63 14.9 0.0 35.0

88 11.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.900 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

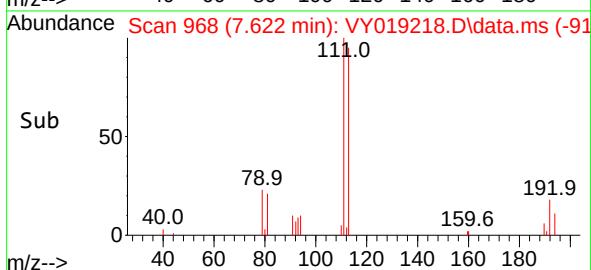
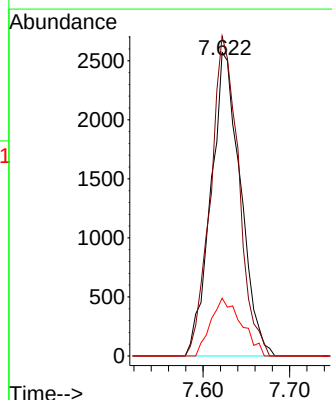
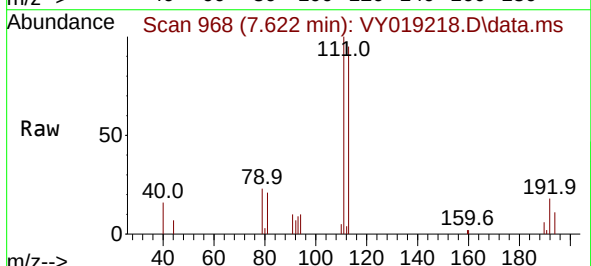
Tgt Ion:113 Resp: 6117

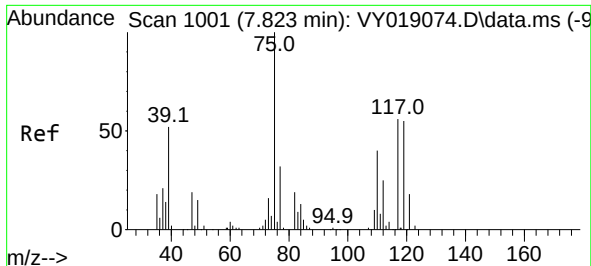
Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

192 19.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.030 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY019218.D

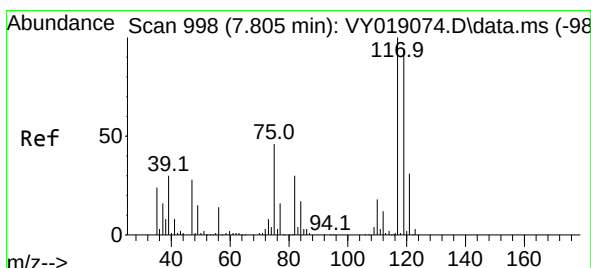
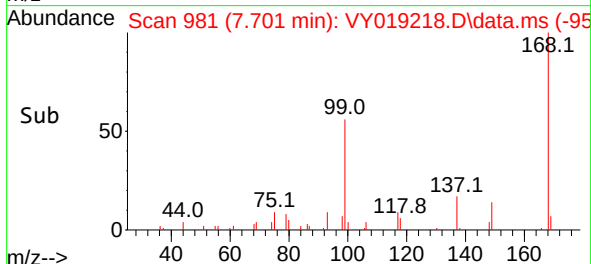
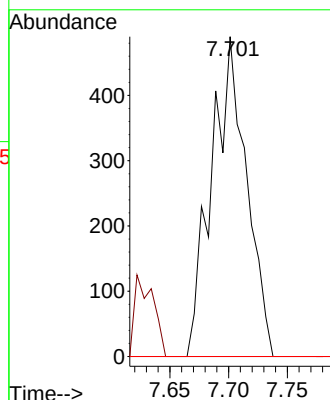
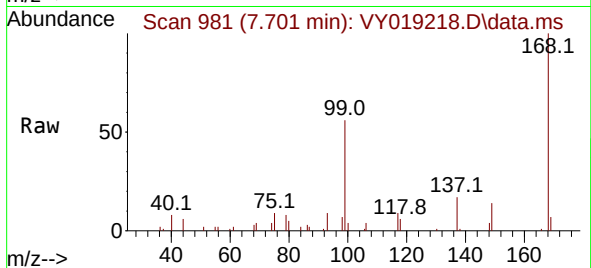
Acq: 22 Aug 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	1015
Ion Ratio	Lower	Upper
75	100	
110	0.0	19.0 57.0#
77	0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.756 ug/l

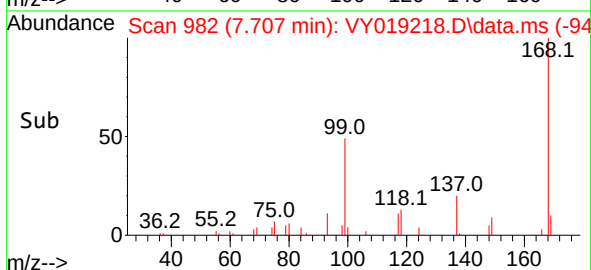
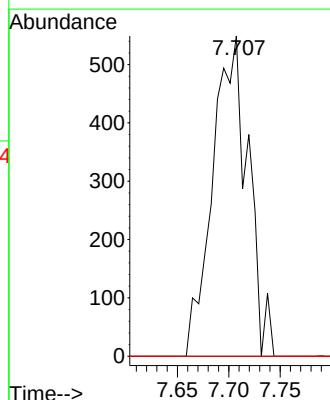
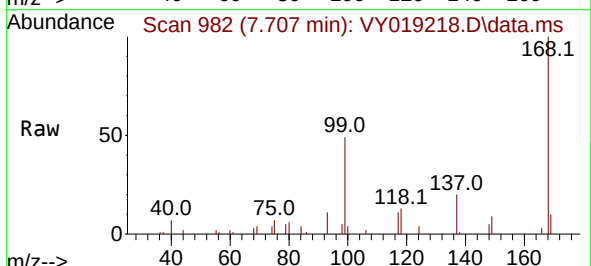
RT: 7.707 min Scan# 982

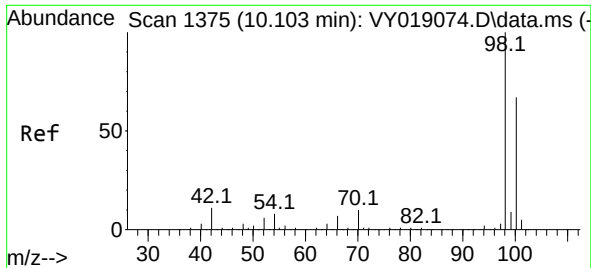
Delta R.T. -0.097 min

Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

Tgt Ion: 117	Resp:	1318
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.0 36.0#

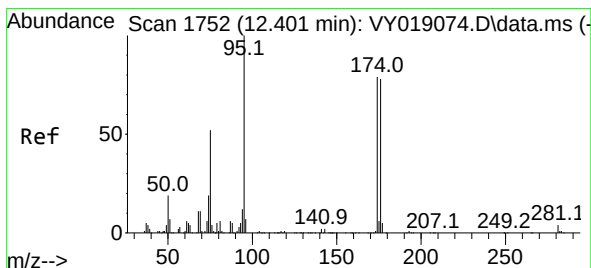
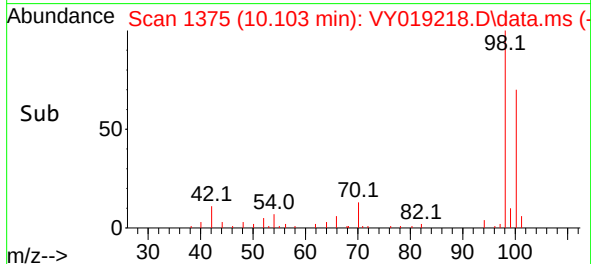
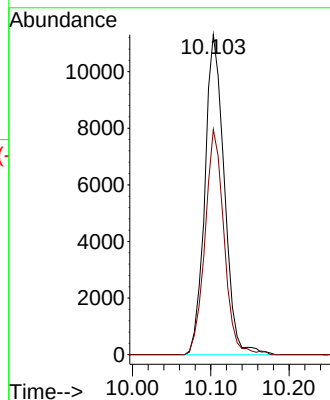
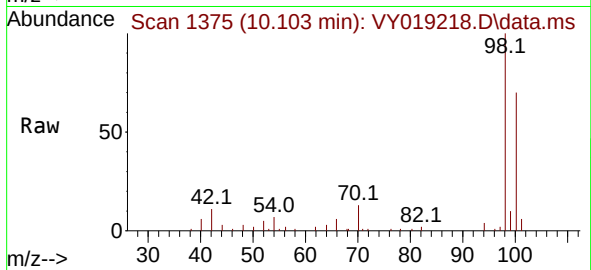




#50
Toluene-d8
Concen: 44.049 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

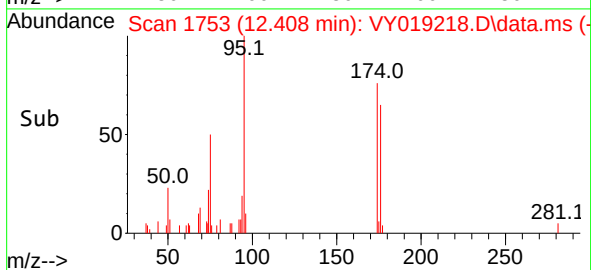
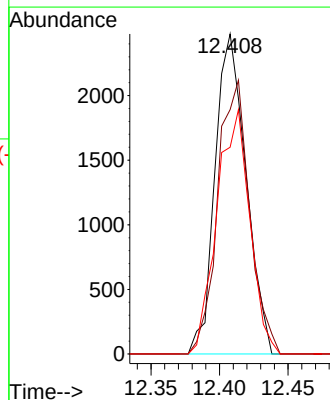
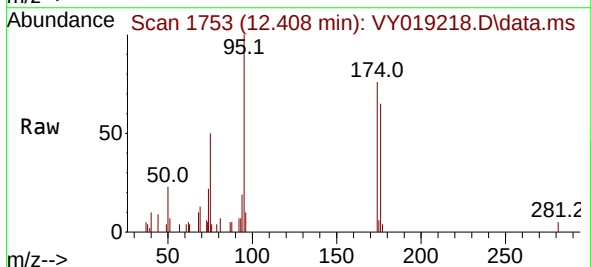
Instrument :
MSVOA_Y
ClientSampleId :

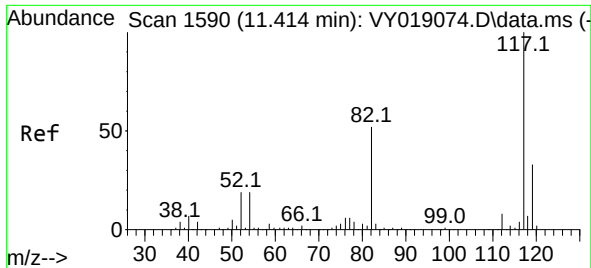
Tgt Ion: 98 Resp: 19432
Ion Ratio Lower Upper
98 100
100 69.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.887 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion: 95 Resp: 3893
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 81.0 0.0 171.4

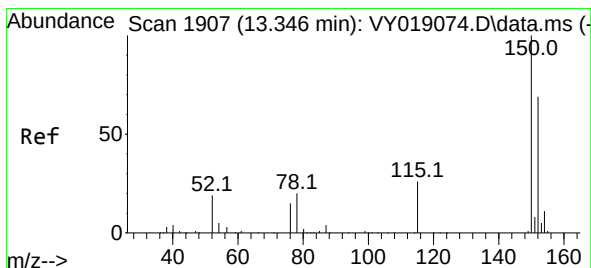
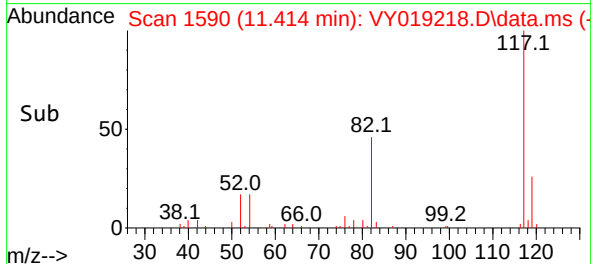
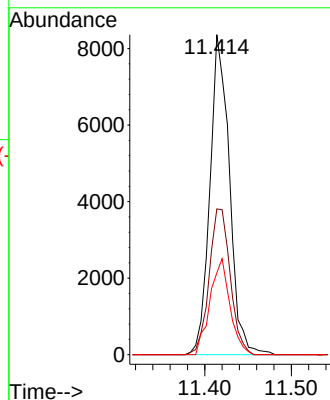
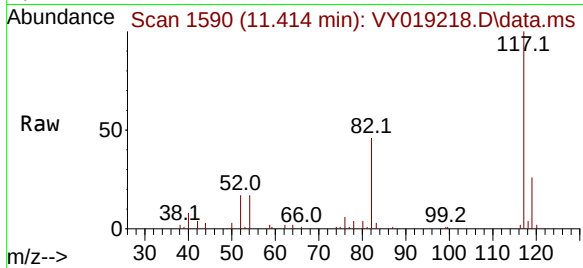




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

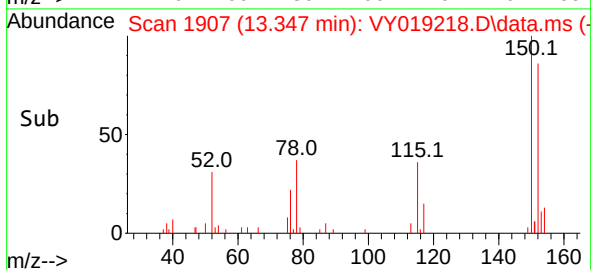
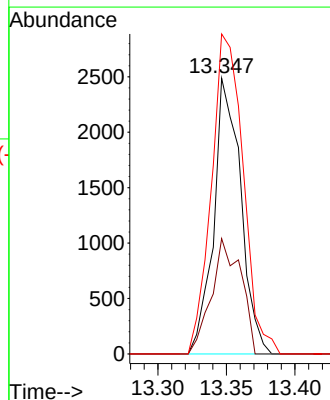
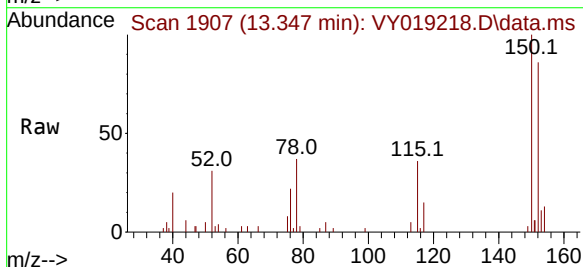
Instrument :
MSVOA_Y
ClientSampleId :

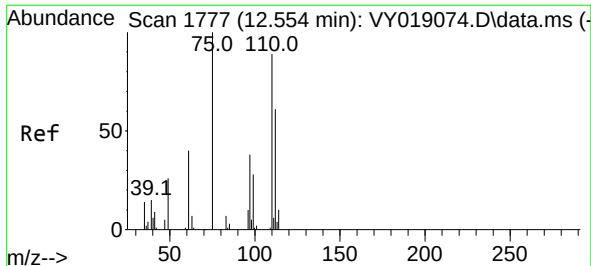
Tgt Ion:117 Resp: 13074
Ion Ratio Lower Upper
117 100
82 45.6 42.4 63.6
119 25.6 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion:152 Resp: 3410
Ion Ratio Lower Upper
152 100
115 45.6 28.2 84.7
150 136.3 0.0 345.6

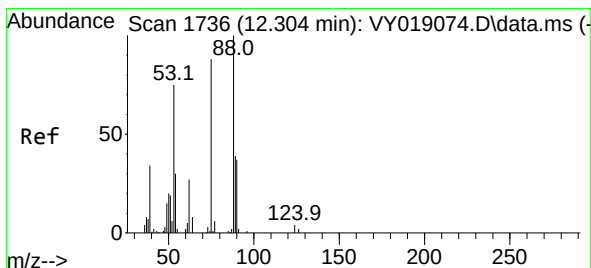
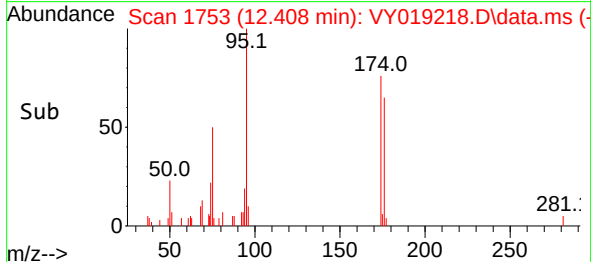
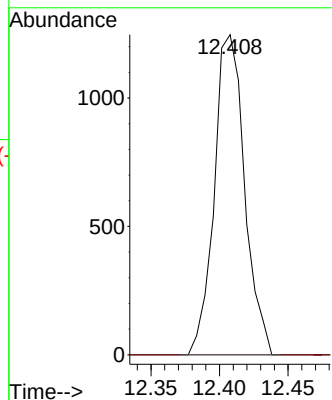
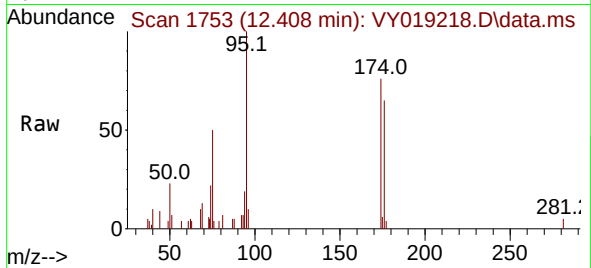




#76
1,2,3-Trichloropropane
Concen: 57.005 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1917
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 140.783 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion: 75 Resp: 1917
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

