

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019312.D
 Acq On : 28 Aug 2024 04:12
 Operator : SY/MD
 Sample : P3660-03
 Misc : 7.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 05:04:00 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)

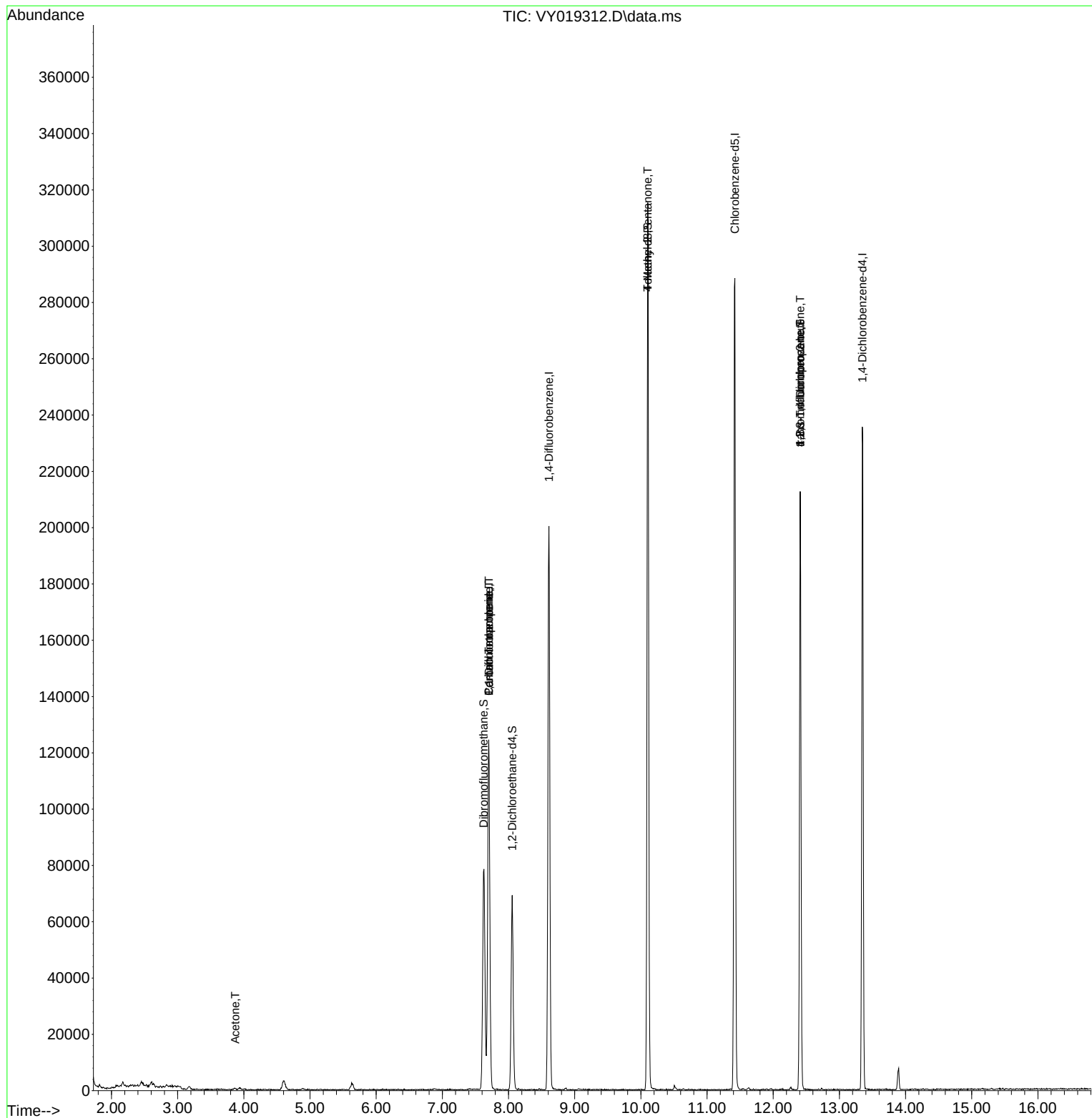
Internal Standards						
1) Pentafluorobenzene	7.701	168	101288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	179403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	160959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	60642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49824	49.072	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.140%		
35) Dibromofluoromethane	7.622	113	56876	48.486	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.980%		
50) Toluene-d8	10.103	98	200355	47.462	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.920%		
62) 4-Bromofluorobenzene	12.407	95	60093	41.758	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	83.520%		
Target Compounds						
5) Bromomethane	2.610	94	880	Below Cal	Qvalue	92
6) Chloroethane	2.757	64	21	Below Cal	#	42
11) Tert butyl alcohol	4.848	59	22	Below Cal	#	88
16) Acetone	3.872	43	664	3.526 ug/l	#	72
20) Methylene Chloride	4.610	84	2639	Below Cal		97
31) Cyclohexane	7.695	56	1853	Below Cal	#	10
36) 1,1-Dichloropropene	7.701	75	7104	4.410 ug/l	#	48
38) Carbon Tetrachloride	7.701	117	9843	5.273 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.103	43	856	1.117 ug/l	#	1
76) 1,2,3-Trichloropropane	12.407	75	32799	54.844 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.407	75	32799	135.447 ug/l	#	16

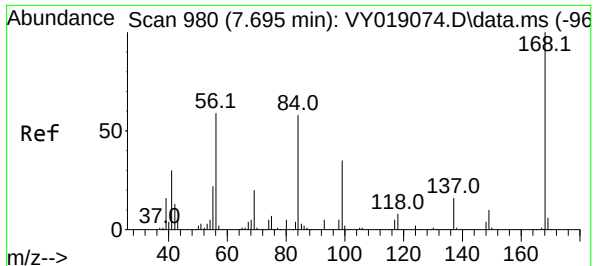
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 28 05:04:00 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

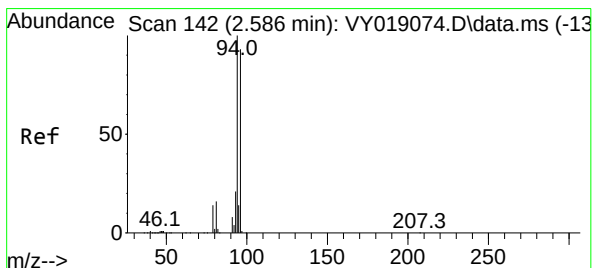
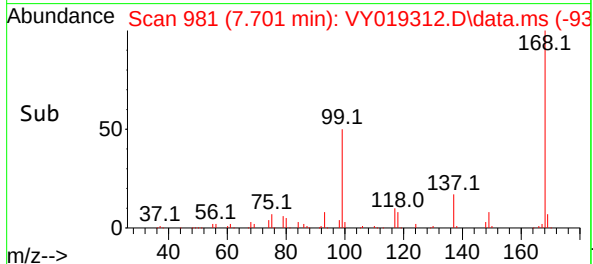
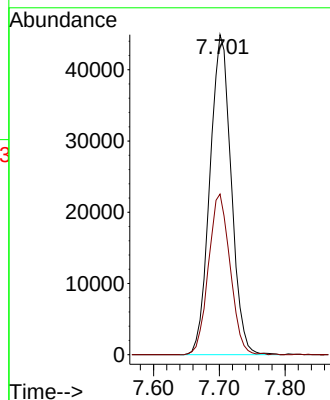
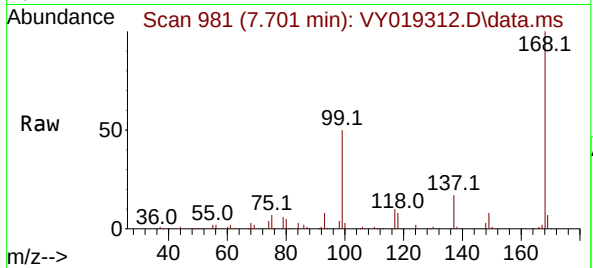




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

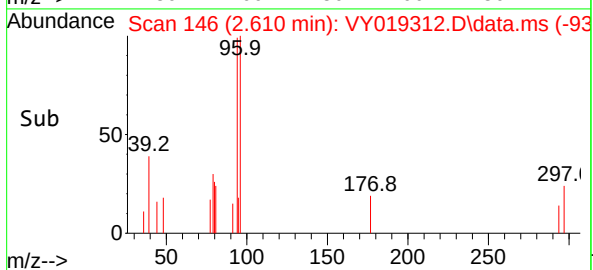
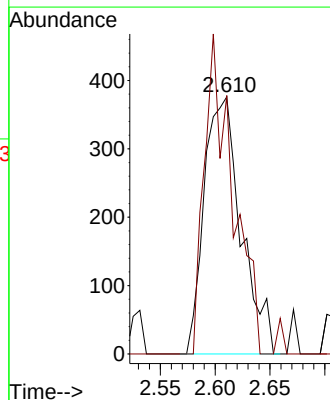
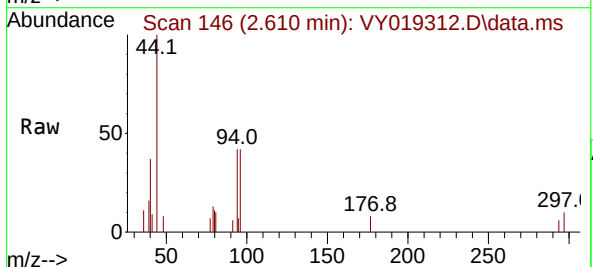
Instrument :
MSVOA_Y
ClientSampleId :

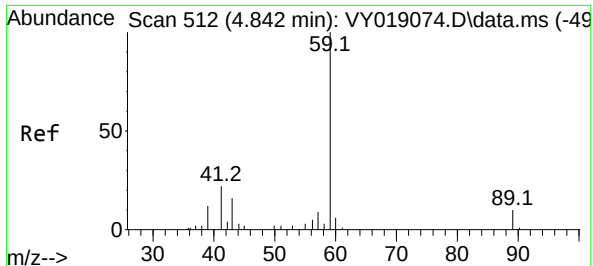
Tgt Ion:168 Resp: 101288
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.610 min Scan# 146
Delta R.T. 0.024 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion: 94 Resp: 880
Ion Ratio Lower Upper
94 100
96 100.5 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.848 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY019312.D

Acq: 28 Aug 2024 04:12

Instrument :

MSVOA_Y

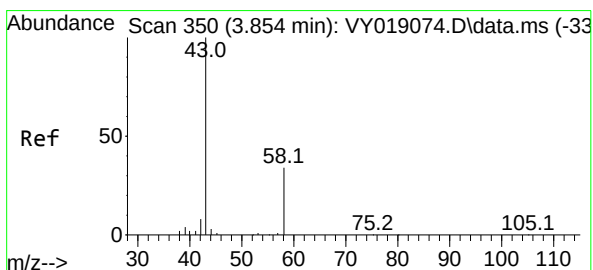
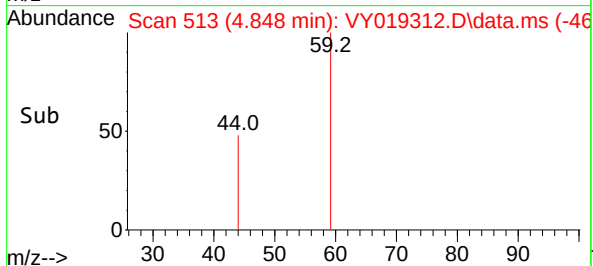
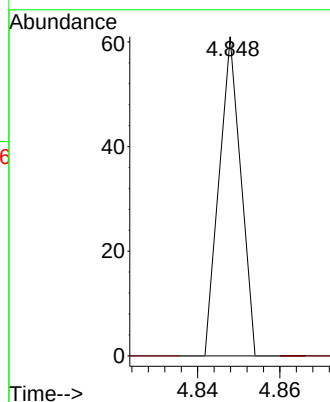
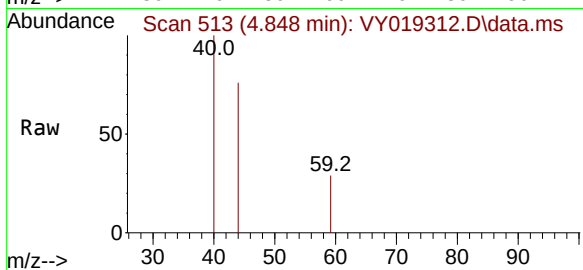
ClientSampleId :

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 3.526 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.018 min

Lab File: VY019312.D

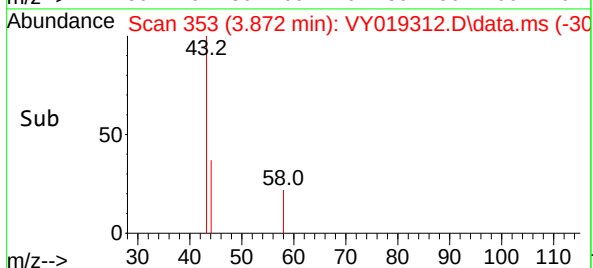
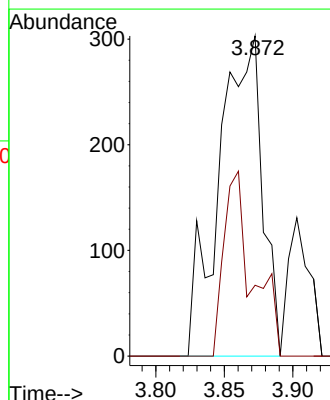
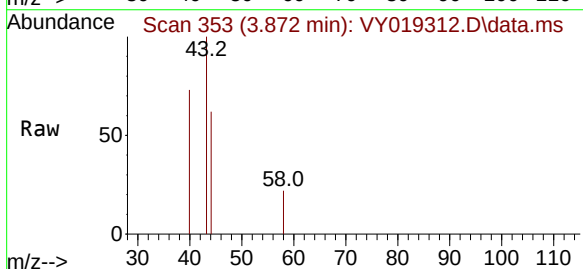
Acq: 28 Aug 2024 04:12

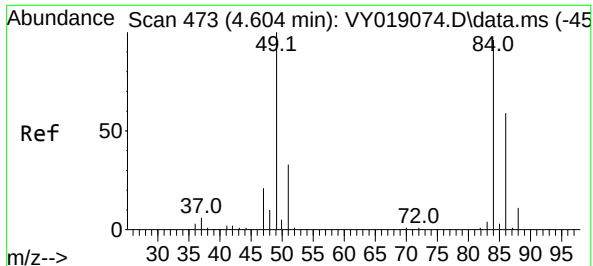
Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

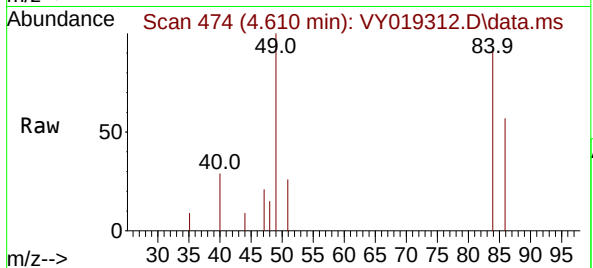
58 22.1 31.7 47.5#



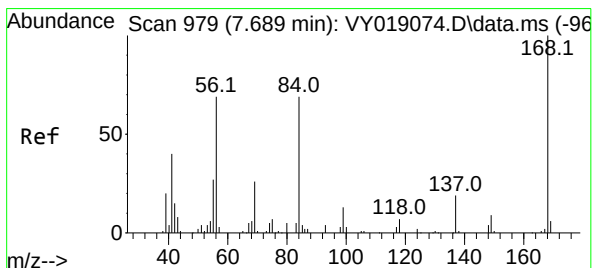
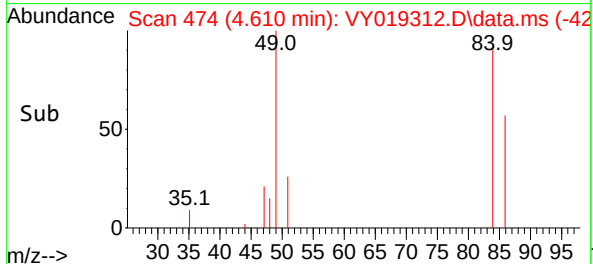
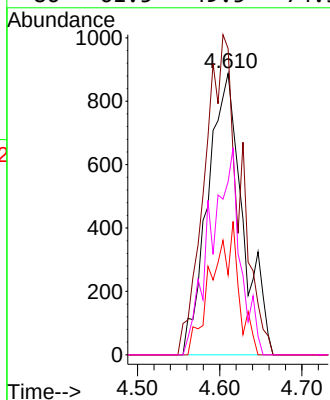


#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Instrument :
MSVOA_Y
ClientSampleId :

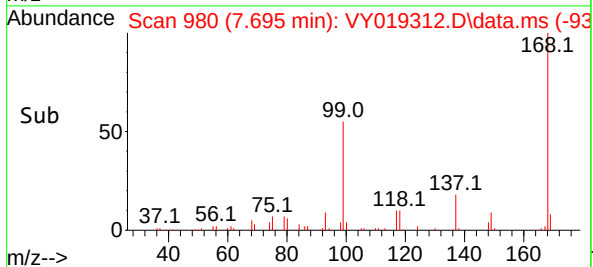
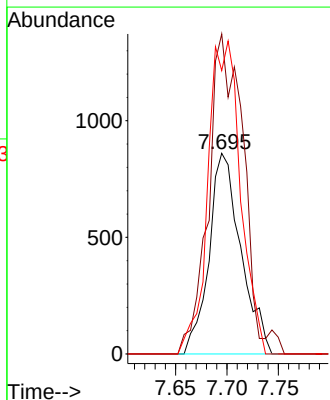
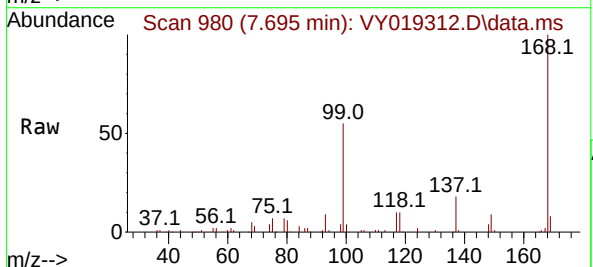


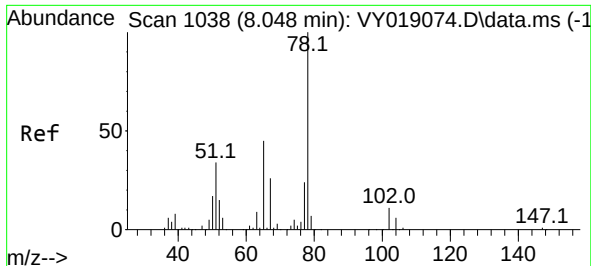
Tgt Ion: 84	Resp: 2639
Ion Ratio	Lower Upper
84 100	
49 108.8	84.4 126.6
51 28.4	26.0 39.0
86 61.5	49.5 74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion: 56	Resp: 1853		
Ion Ratio	Lower	Upper	
56	100		
69	159.5	28.7	43.1#
84	141.3	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.072 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019312.D

Acq: 28 Aug 2024 04:12

Instrument :

MSVOA_Y

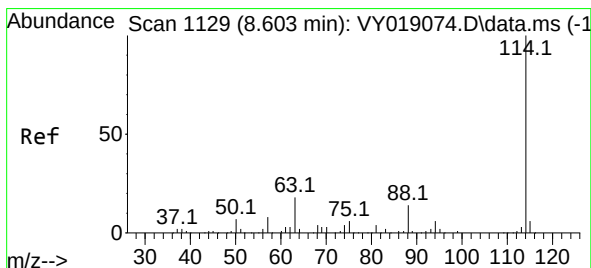
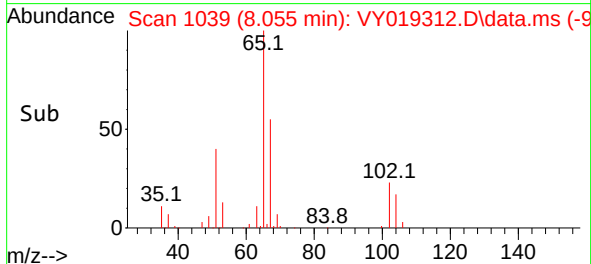
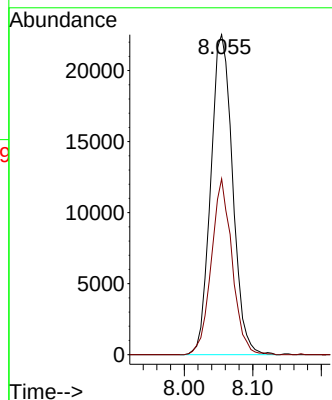
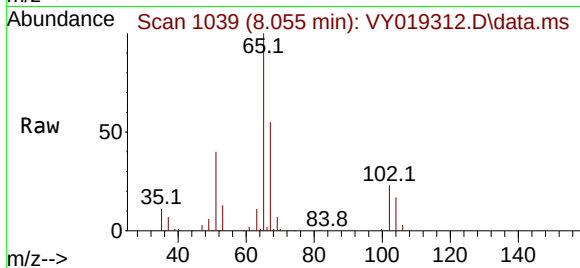
ClientSampleId :

Tgt Ion: 65 Resp: 49824

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019312.D

Acq: 28 Aug 2024 04:12

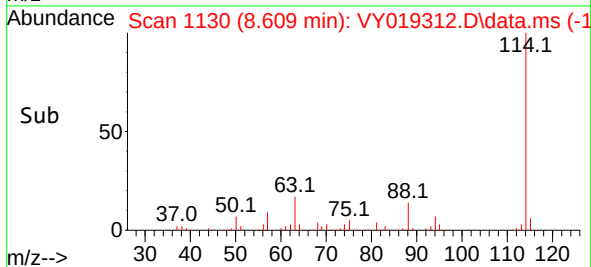
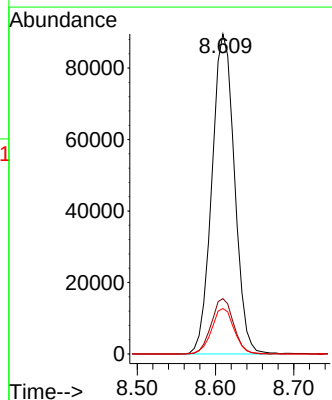
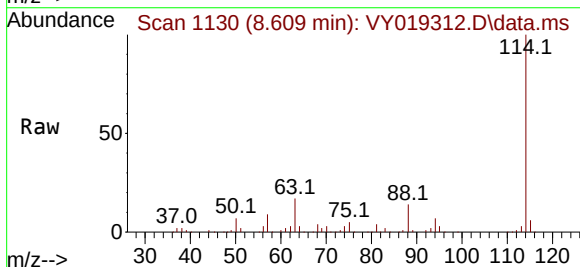
Tgt Ion: 114 Resp: 179403

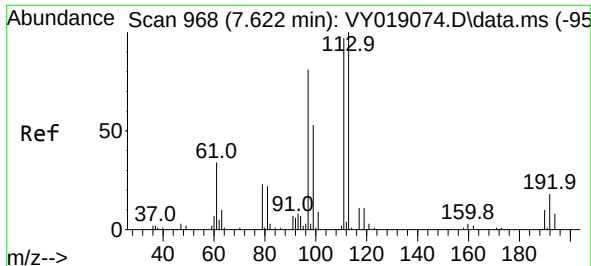
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

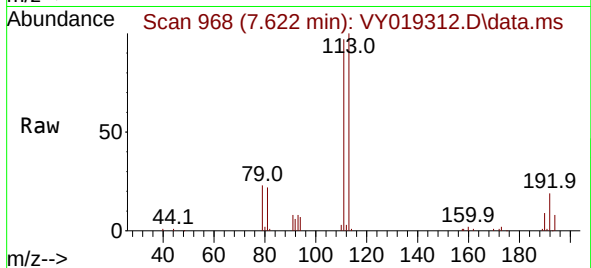
88 14.2 0.0 27.2



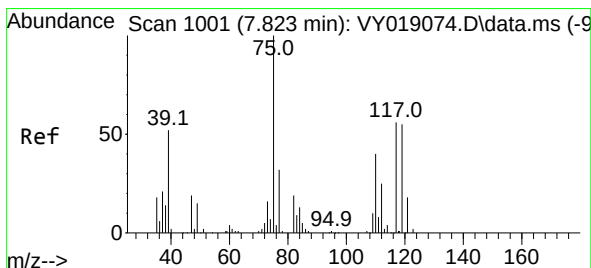
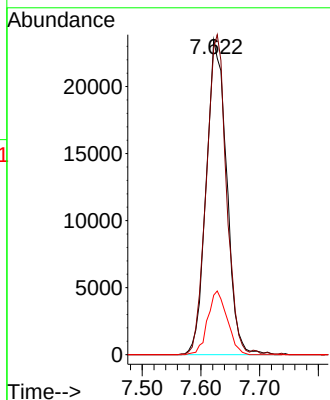
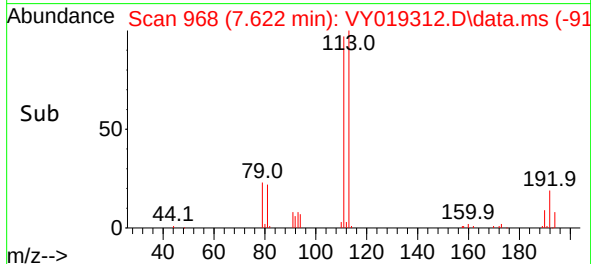


#35
Dibromofluoromethane
Concen: 48.486 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Instrument :
MSVOA_Y
ClientSampleId :

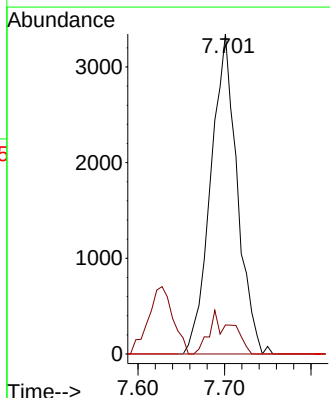
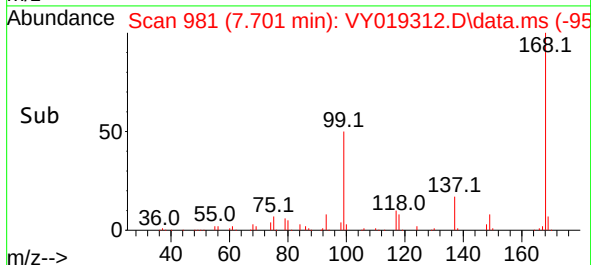
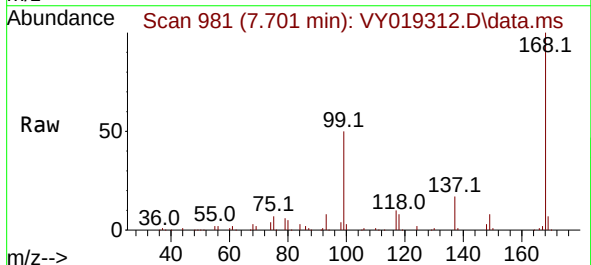


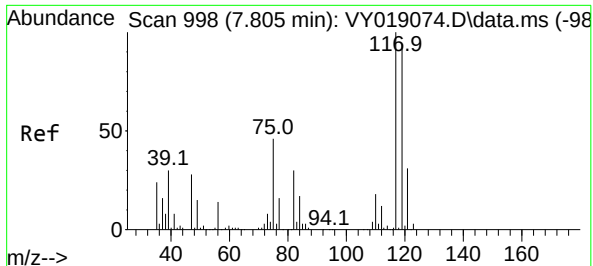
Tgt Ion:113 Resp: 56876
Ion Ratio Lower Upper
113 100
111 99.1 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

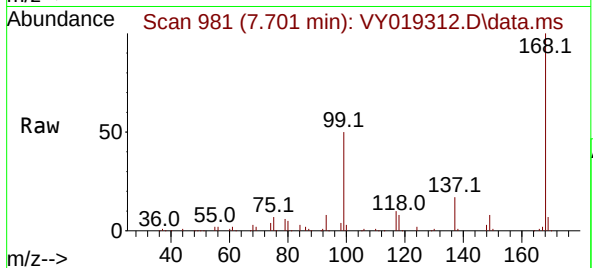
Tgt Ion: 75 Resp: 7104
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



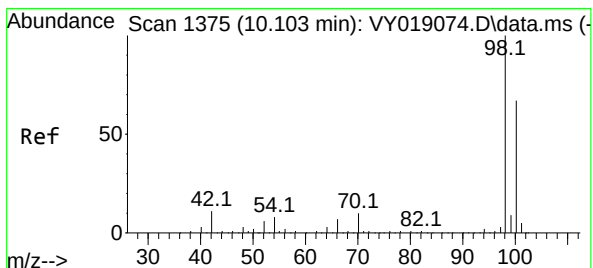
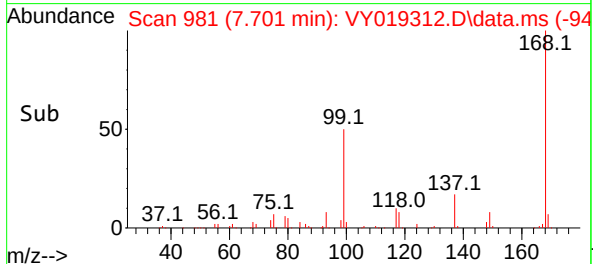
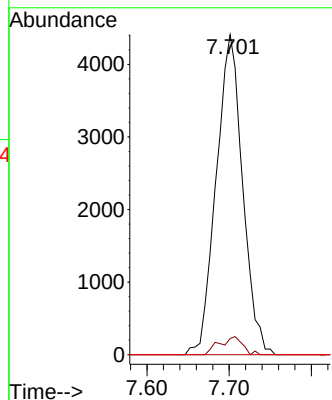


#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Instrument :
MSVOA_Y
ClientSampleId :

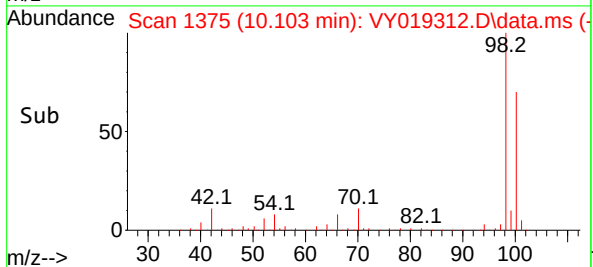
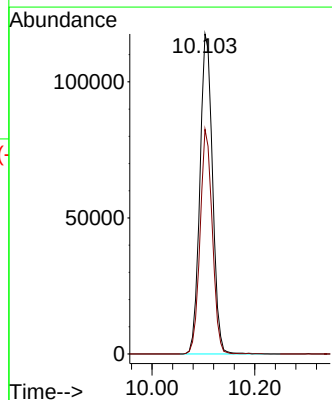
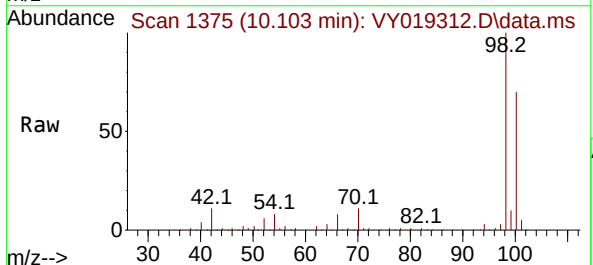


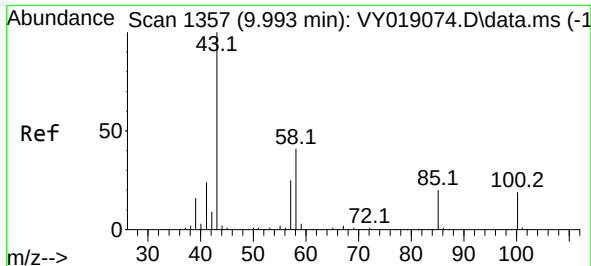
Tgt Ion:117 Resp: 9843
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.462 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion: 98 Resp: 200355
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0

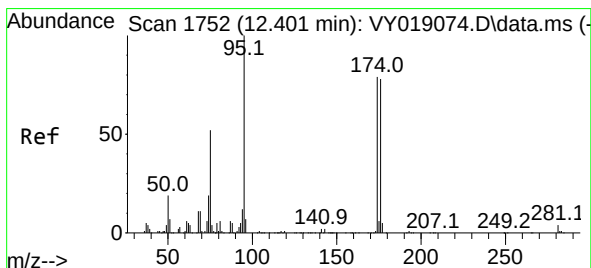
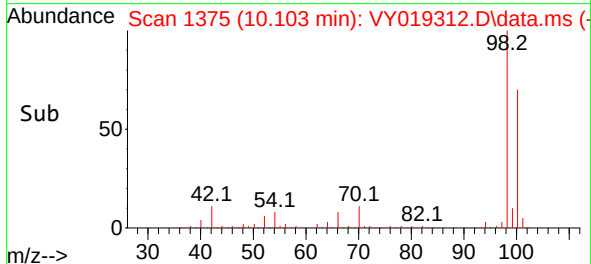
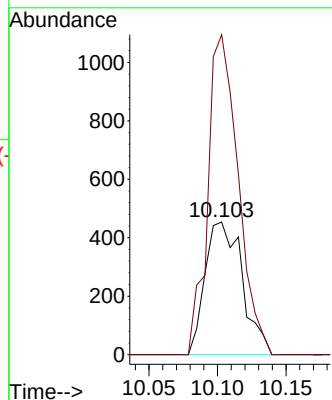
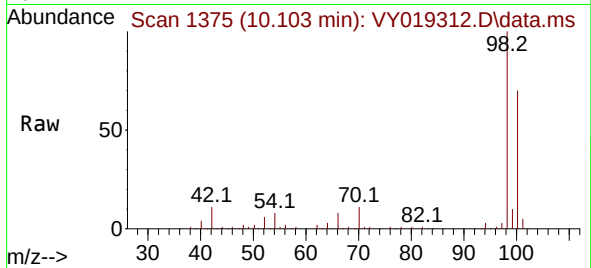




#51
4-Methyl-2-Pentanone
Concen: 1.117 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

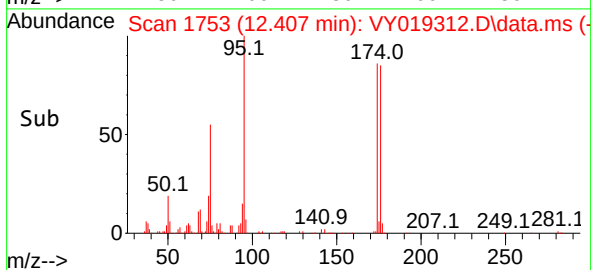
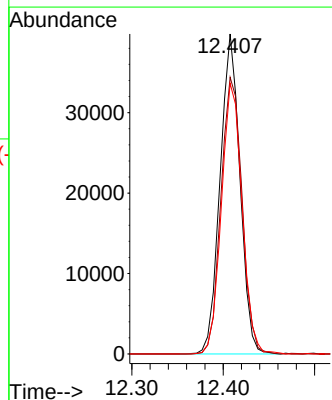
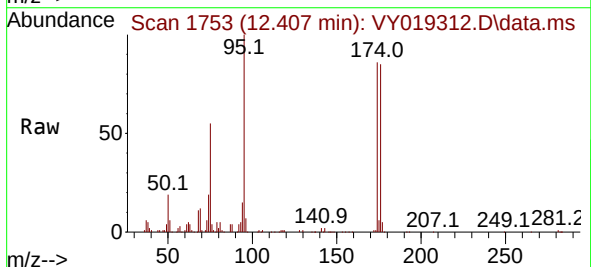
Instrument :
MSVOA_Y
ClientSampleId :

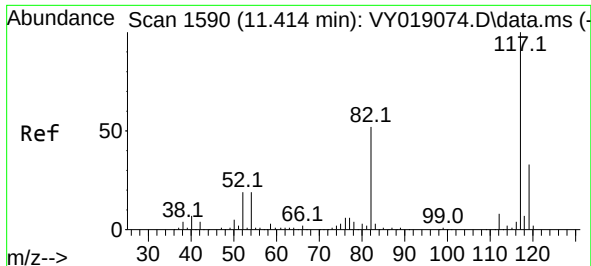
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 198.0 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 41.758 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

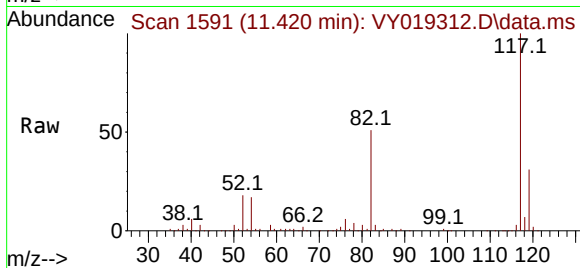
Tgt Ion: 95 Resp: 60093
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 88.1 0.0 171.4



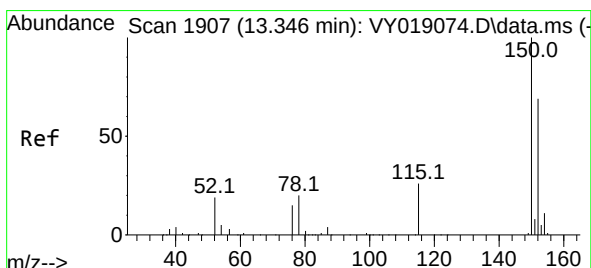
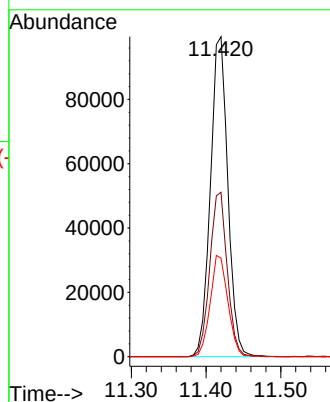
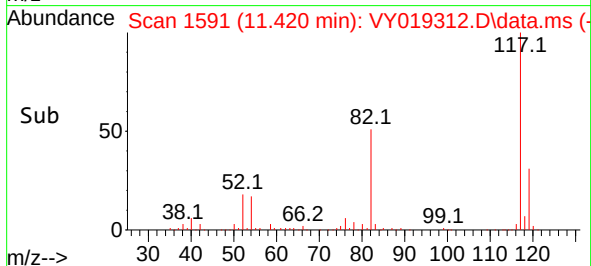


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

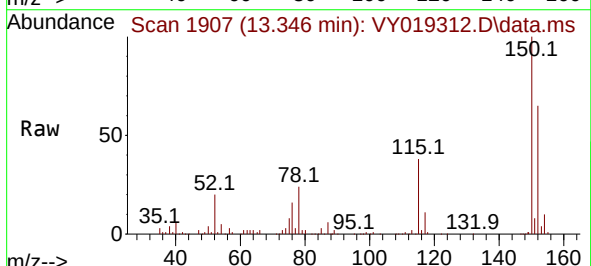
Instrument :
MSVOA_Y
ClientSampleId :



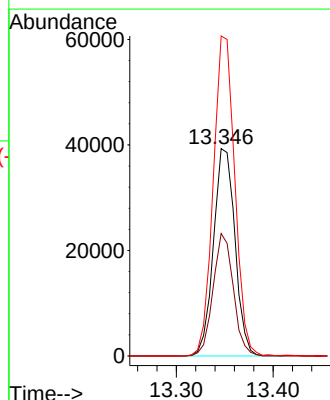
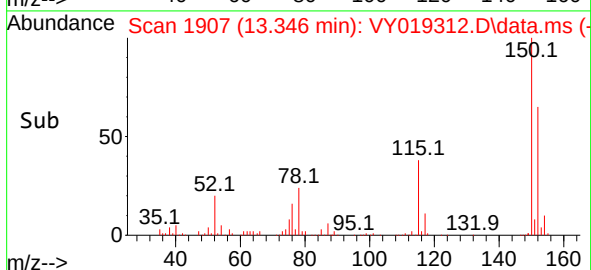
Tgt Ion:117 Resp: 160959
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 30.8 25.9 38.9

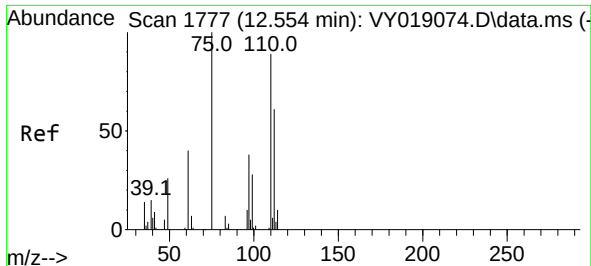


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12



Tgt Ion:152 Resp: 60642
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 154.5 0.0 345.6

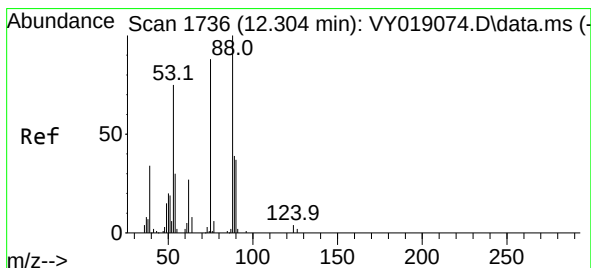
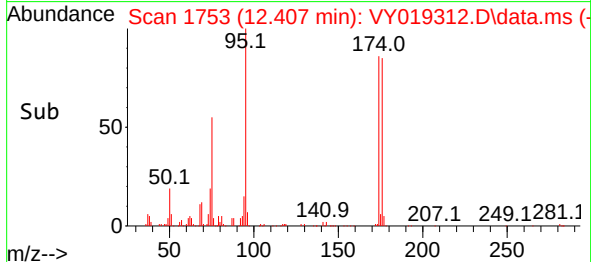
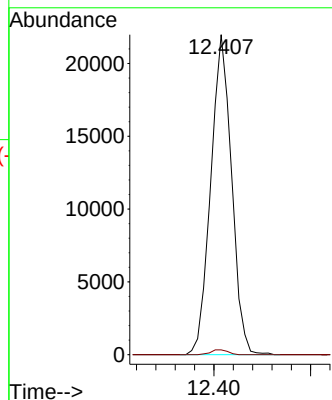
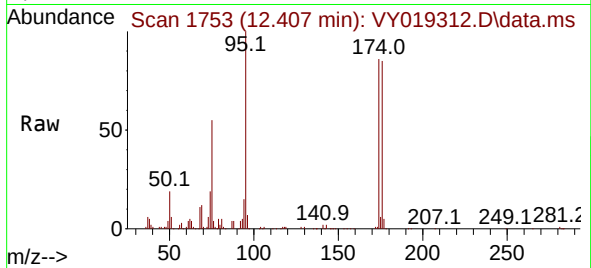




#76
1,2,3-Trichloropropane
Concen: 54.844 ug/l
RT: 12.407 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32799
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.447 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion: 75 Resp: 32799
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

