

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019258.D
 Acq On : 23 Aug 2024 15:29
 Operator : SY/MD
 Sample : P3663-10
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:58:22 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)

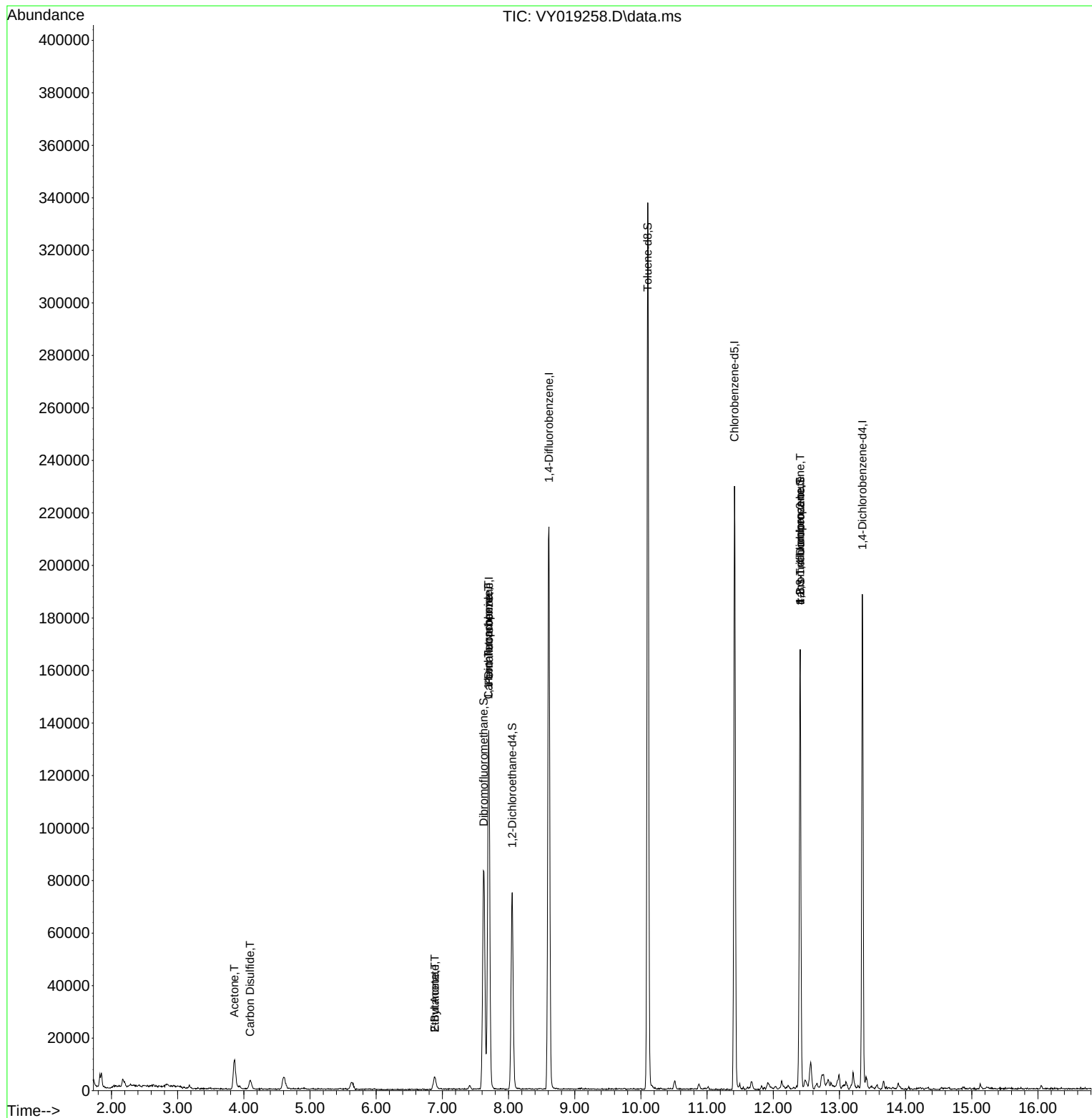
Internal Standards						
1) Pentafluorobenzene	7.701	168	106504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	191325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	126637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57661	54.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.020%			
35) Dibromofluoromethane	7.622	113	60201	48.122	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.240%			
50) Toluene-d8	10.103	98	215241	47.811	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.620%			
62) 4-Bromofluorobenzene	12.408	95	47002	30.626	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 61.260%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.610	94	165	Below Cal	#	46
11) Tert butyl alcohol	4.824	59	50	Below Cal	#	88
16) Acetone	3.854	43	18531	93.594	ug/l	88
17) Carbon Disulfide	4.092	76	6777	2.262	ug/l	97
20) Methylene Chloride	4.616	84	3737	Below Cal	#	84
25) 2-Butanone	6.884	43	5991	18.789	ug/l	70
31) Cyclohexane	7.701	56	2362	Below Cal	#	17
36) 1,1-Dichloropropene	7.695	75	8500	4.948	ug/l	# 48
37) Ethyl Acetate	6.884	43	5991	7.872	ug/l	# 74
38) Carbon Tetrachloride	7.695	117	10950	5.500	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	26010	57.683	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	26010	142.458	ug/l	# 17

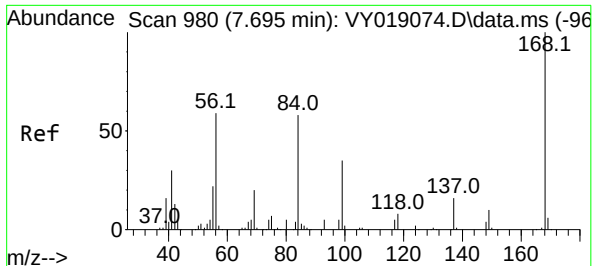
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
Data File : VY019258.D
Acq On : 23 Aug 2024 15:29
Operator : SY/MD
Sample : P3663-10
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 23 22:58:22 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

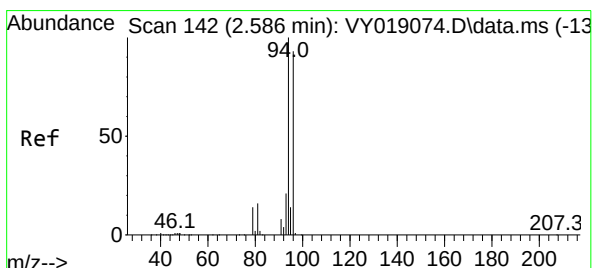
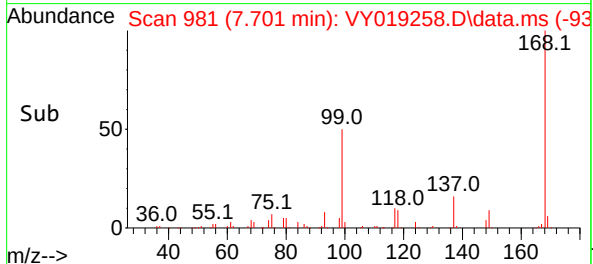
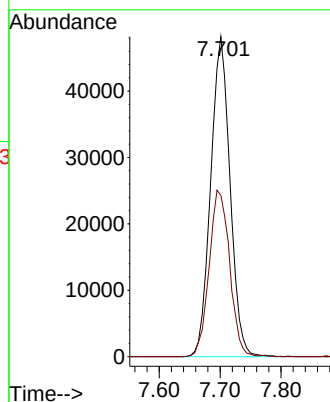
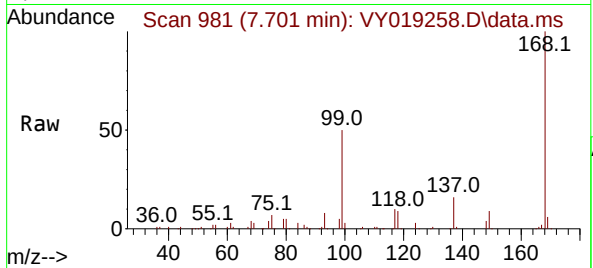




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

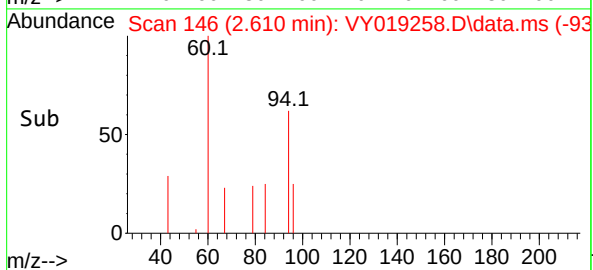
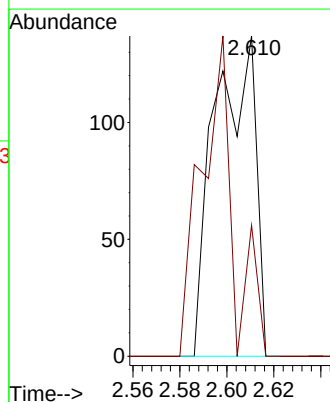
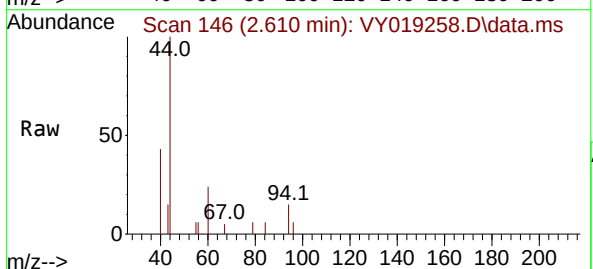
Instrument :
MSVOA_Y
ClientSampleId :

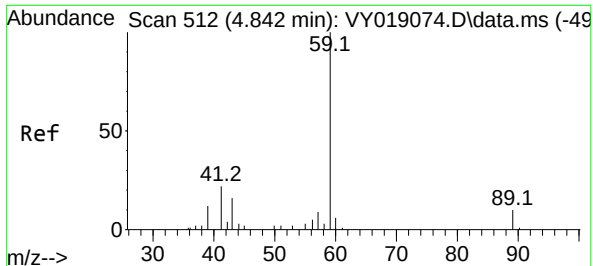
Tgt Ion:168 Resp: 106504
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.610 min Scan# 146
Delta R.T. 0.024 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 40.9 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.824 min Scan# 50

Delta R.T. -0.018 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

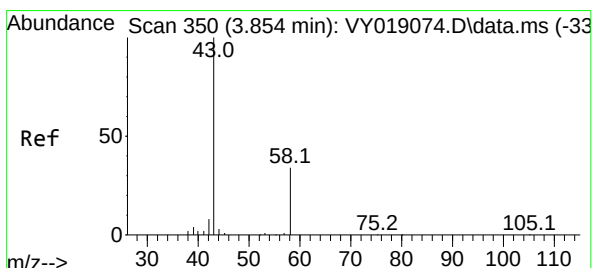
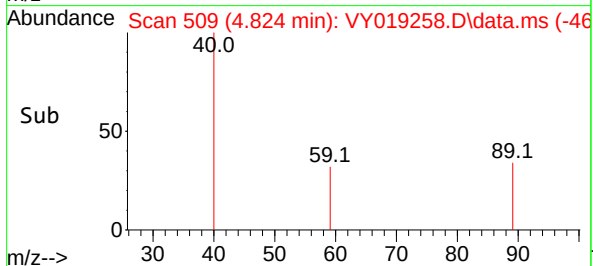
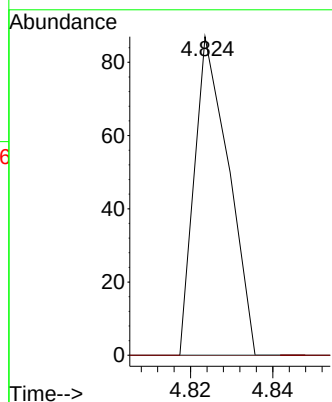
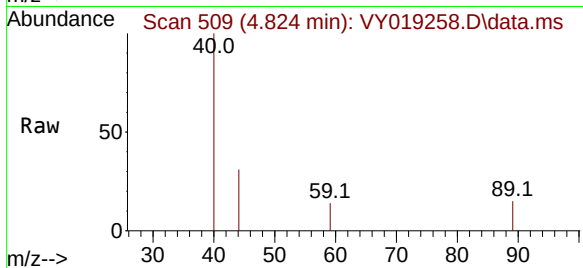
ClientSampleId :

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 93.594 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019258.D

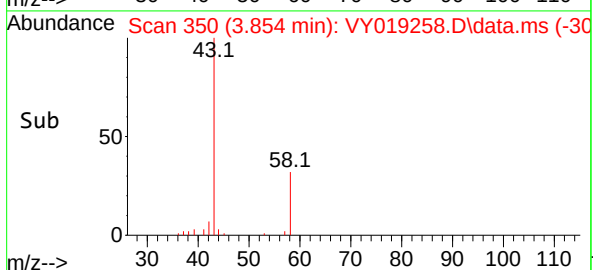
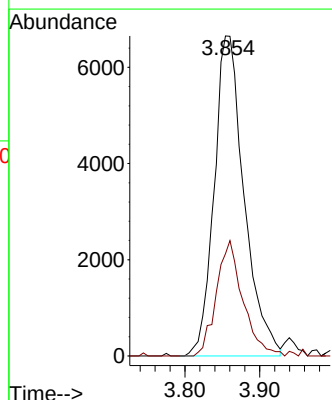
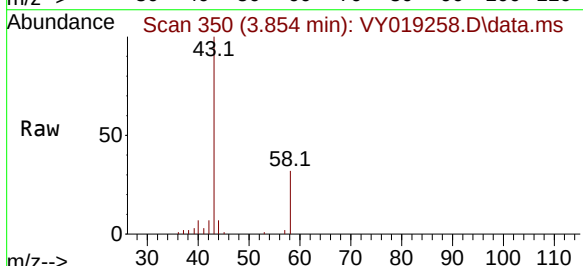
Acq: 23 Aug 2024 15:29

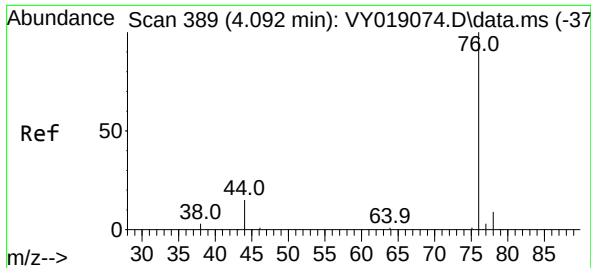
Tgt Ion: 43 Resp: 18531

Ion Ratio Lower Upper

43 100

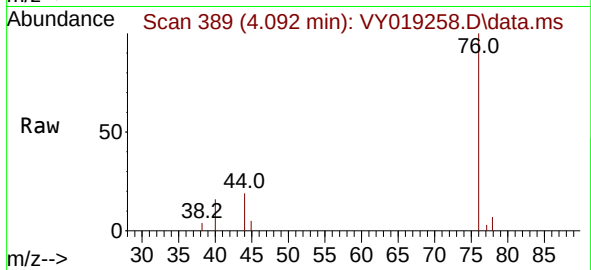
58 31.9 31.7 47.5



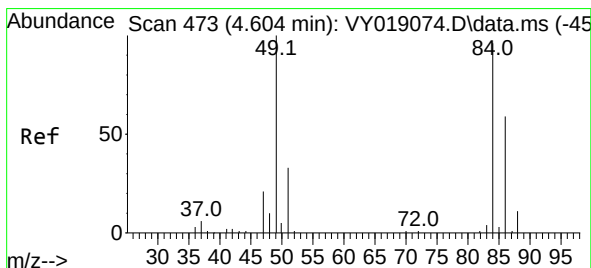
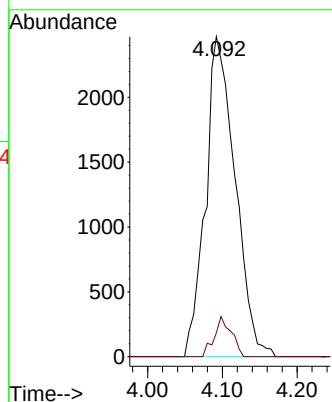
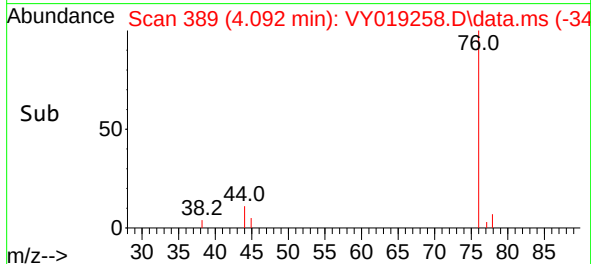


#17
Carbon Disulfide
Concen: 2.262 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Instrument :
MSVOA_Y
ClientSampleId :

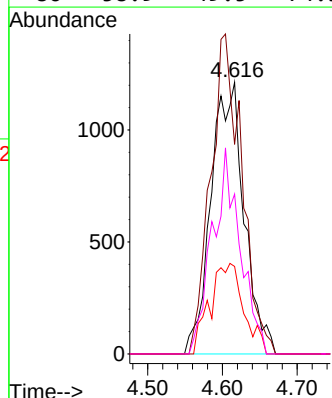
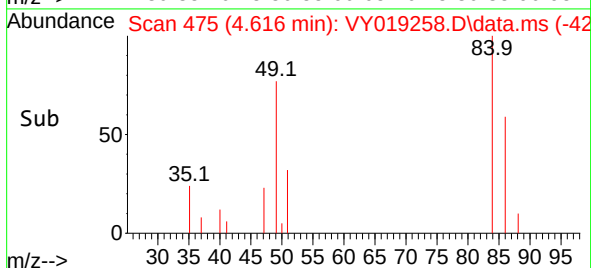
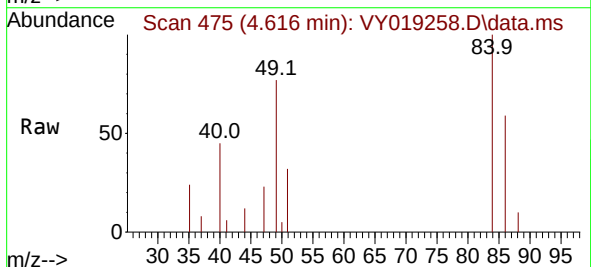


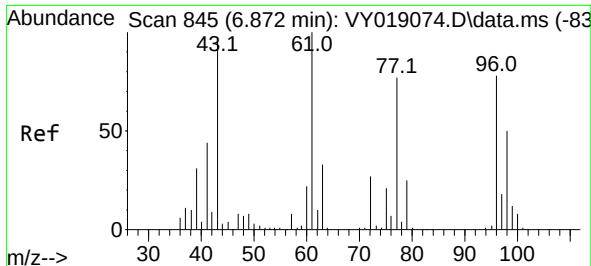
Tgt Ion: 76 Resp: 6777
Ion Ratio Lower Upper
76 100
78 7.5 6.8 10.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion: 84 Resp: 3737
Ion Ratio Lower Upper
84 100
49 77.2 84.4 126.6#
51 32.2 26.0 39.0
86 58.9 49.5 74.3





#25

2-Butanone

Concen: 18.789 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

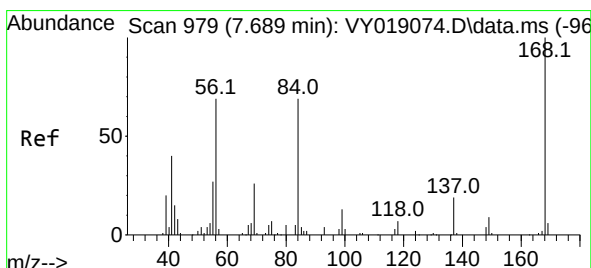
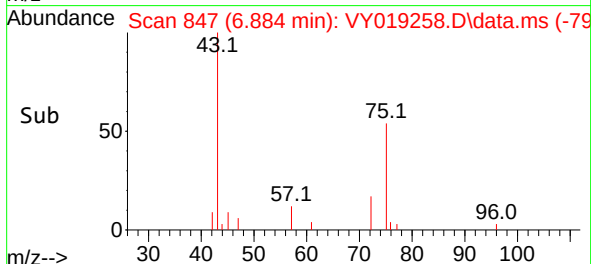
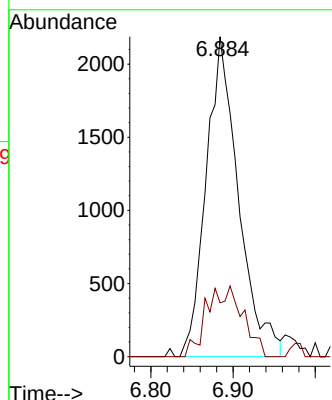
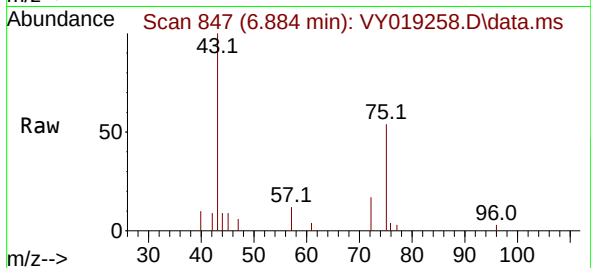
ClientSampleId :

Tgt Ion: 43 Resp: 5991

Ion Ratio Lower Upper

43 100

72 16.8 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

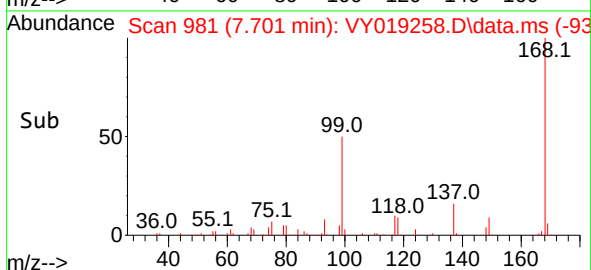
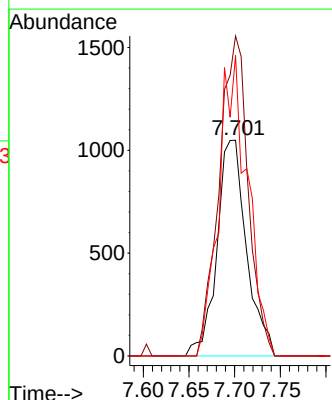
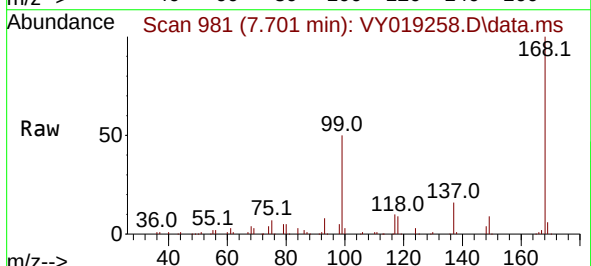
Tgt Ion: 56 Resp: 2362

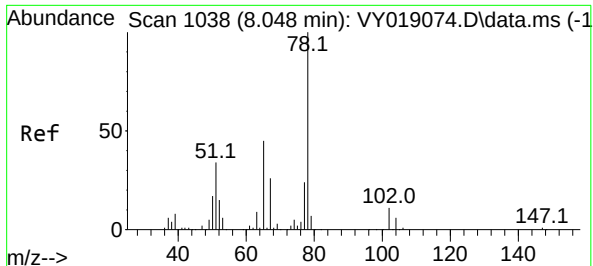
Ion Ratio Lower Upper

56 100

69 148.3 28.7 43.1#

84 139.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.009 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

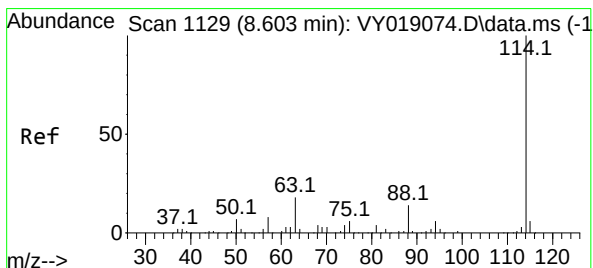
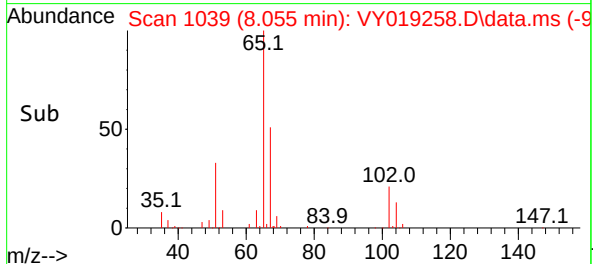
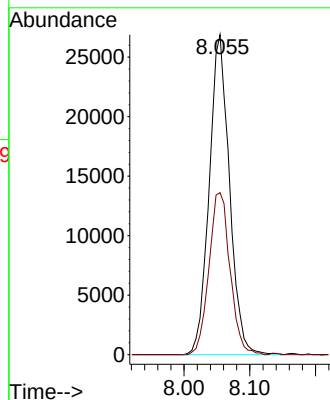
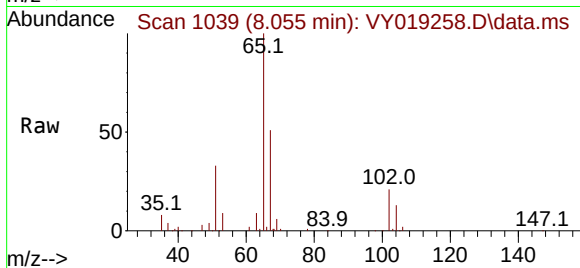
ClientSampleId :

Tgt Ion: 65 Resp: 57661

Ion Ratio Lower Upper

65 100

67 52.7 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: VY019258.D

Acq: 23 Aug 2024 15:29

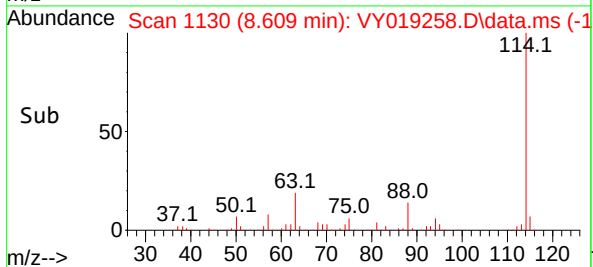
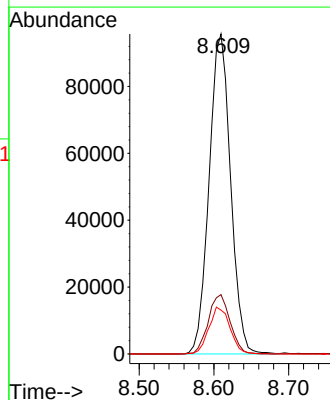
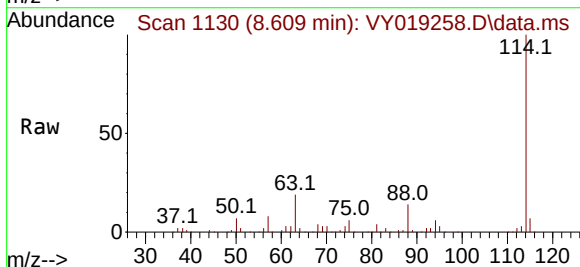
Tgt Ion: 114 Resp: 191325

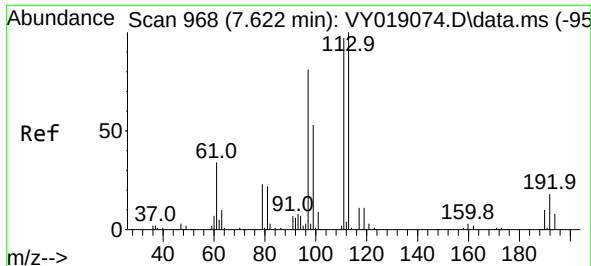
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

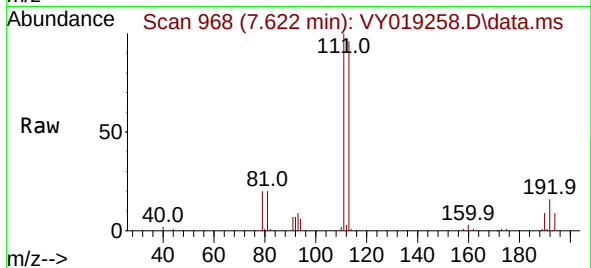
88 13.7 0.0 27.2



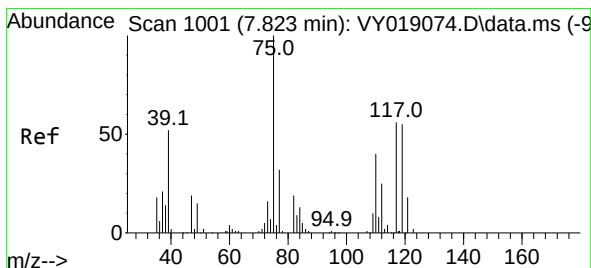
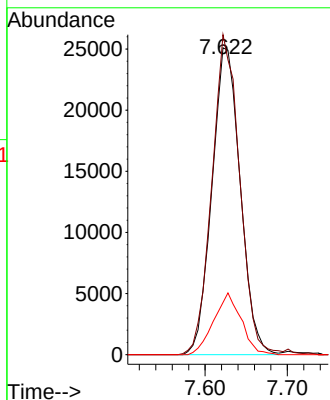
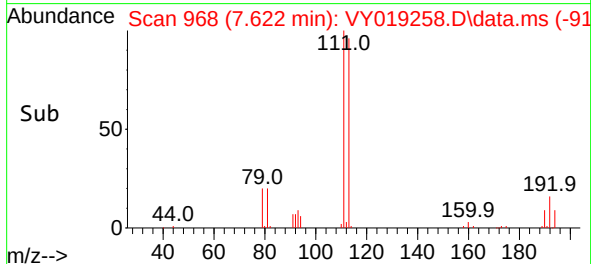


#35
Dibromofluoromethane
Concen: 48.122 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Instrument :
MSVOA_Y
ClientSampleId :

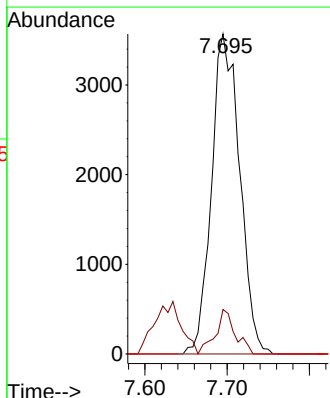
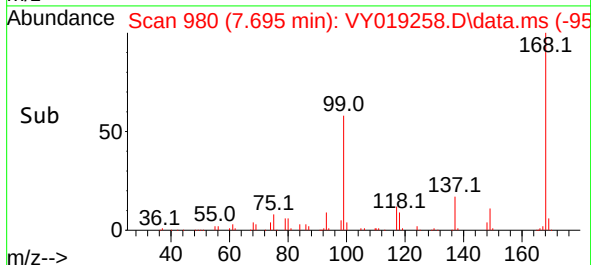
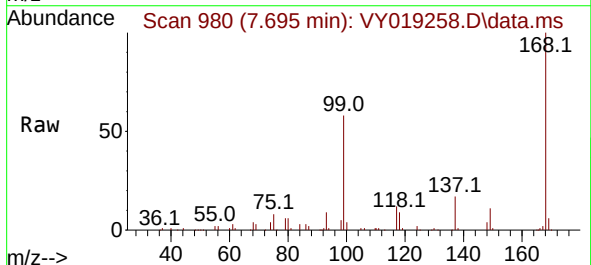


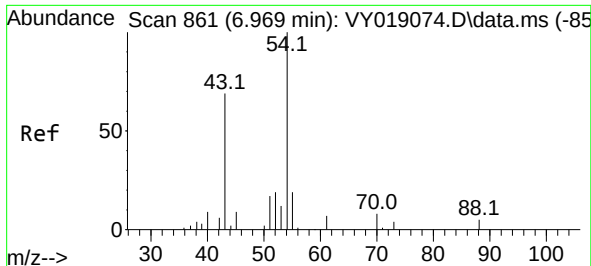
Tgt Ion:113 Resp: 60201
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion: 75 Resp: 8500
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 7.872 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY019258.D

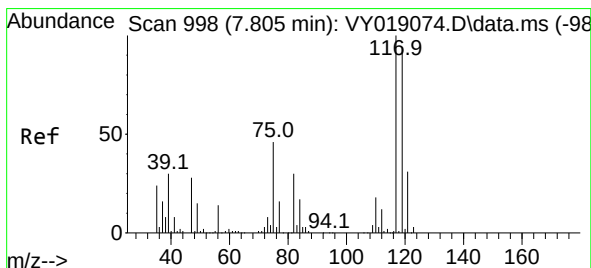
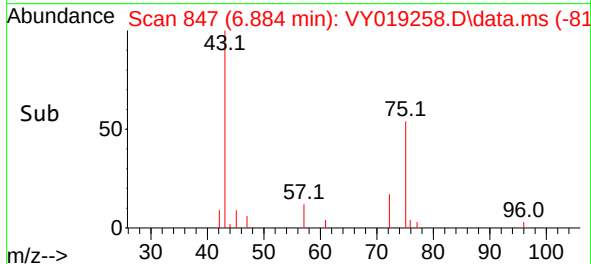
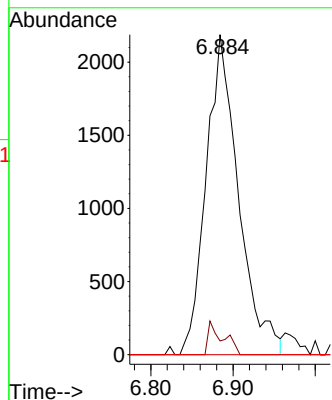
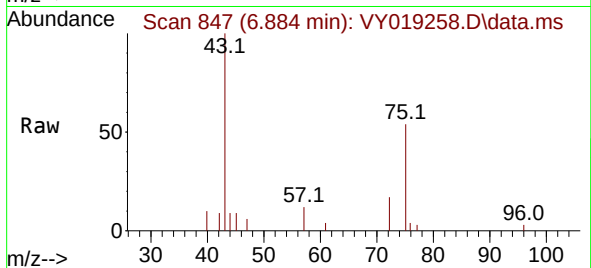
Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	5991
Ion	Ratio	Lower	Upper
43	100		
61	4.7	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 5.500 ug/l

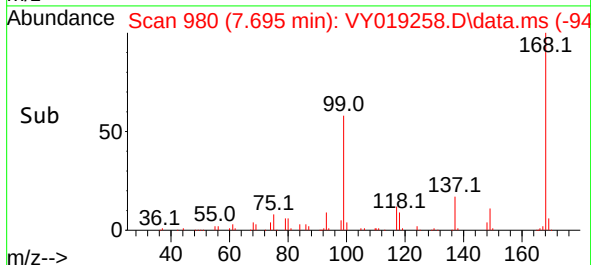
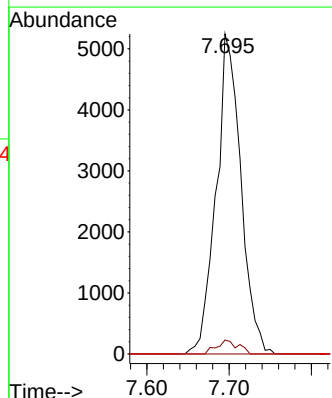
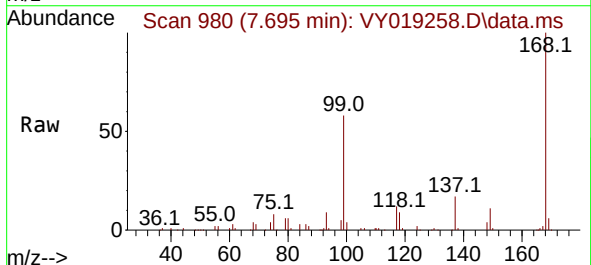
RT: 7.695 min Scan# 980

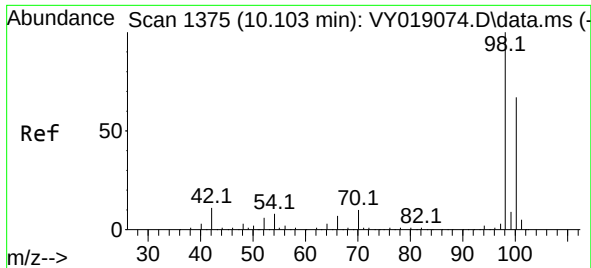
Delta R.T. -0.110 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Tgt Ion:	117	Resp:	10950
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.6#
121	0.0	24.0	36.0#

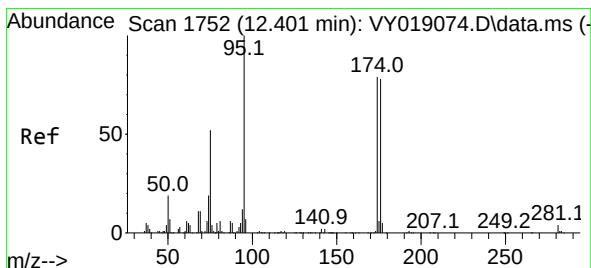
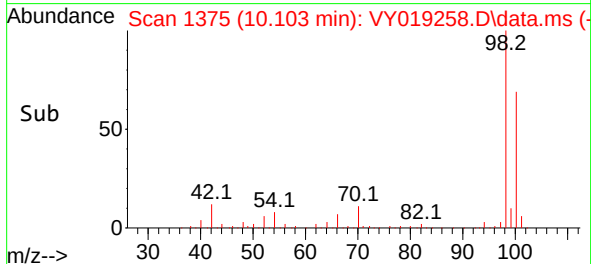
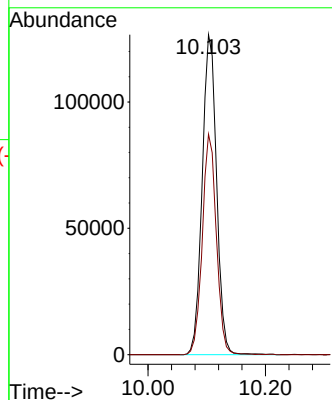
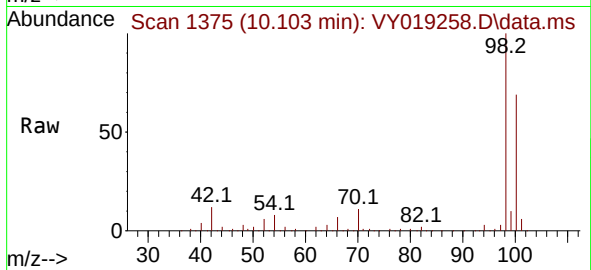




#50
Toluene-d8
Concen: 47.811 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

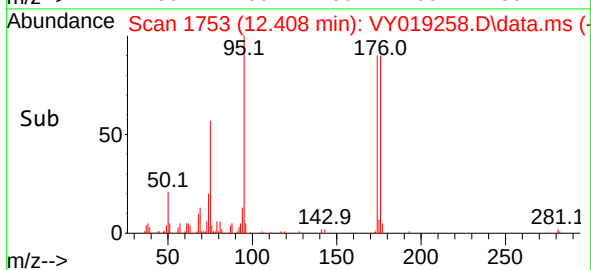
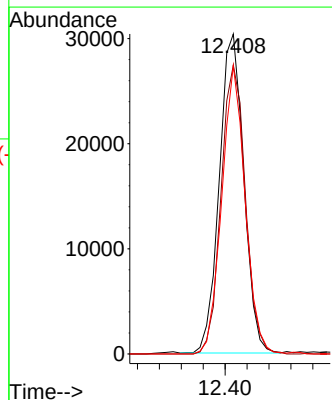
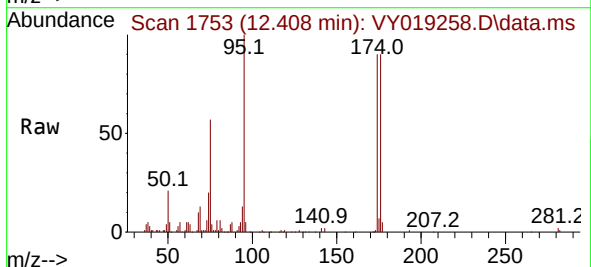
Instrument :
MSVOA_Y
ClientSampleId :

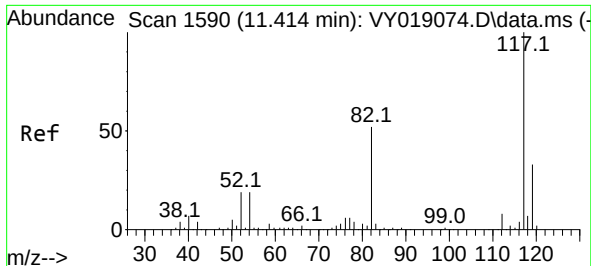
Tgt Ion: 98 Resp: 215241
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.626 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion: 95 Resp: 47002
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 86.3 0.0 171.4

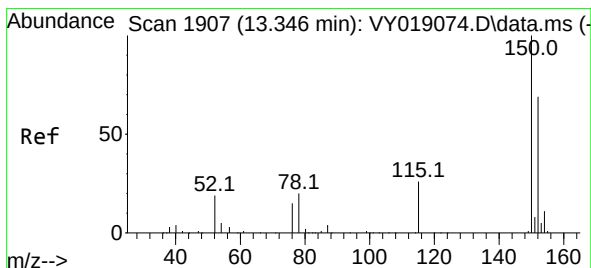
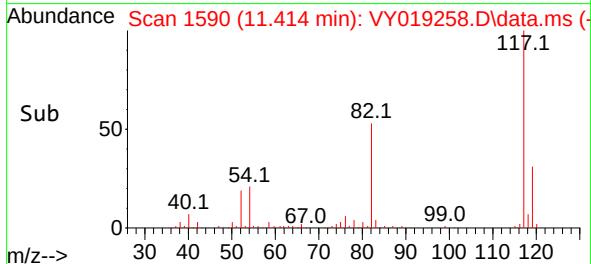
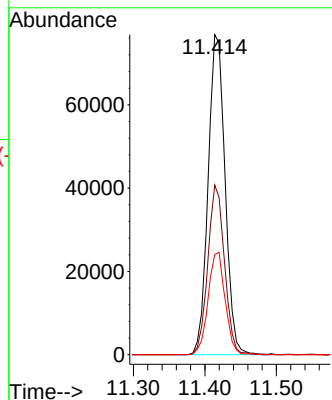
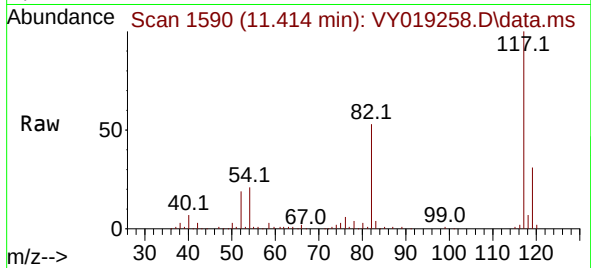




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

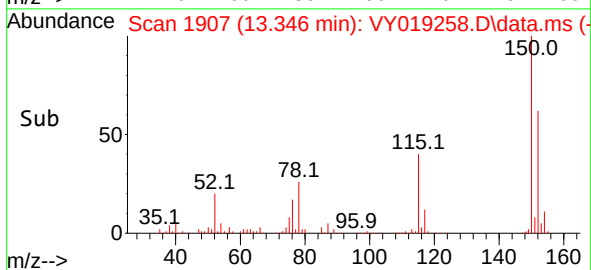
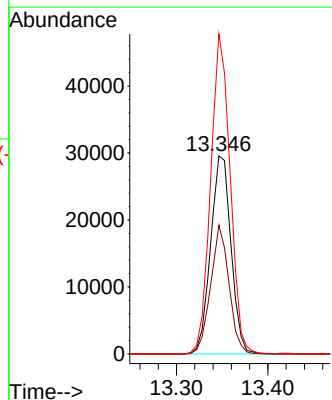
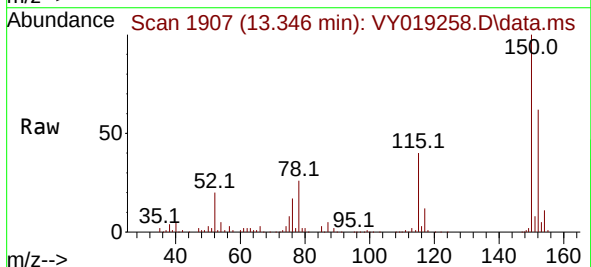
Instrument :
MSVOA_Y
ClientSampleId :

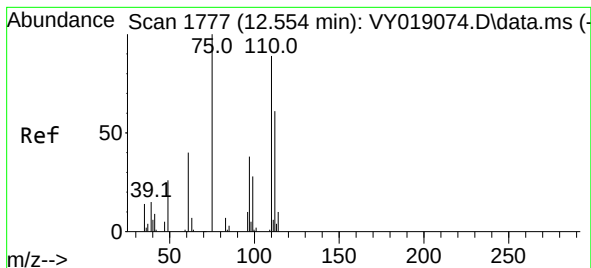
Tgt Ion:117 Resp: 126637
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion:152 Resp: 45723
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 154.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 57.683 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

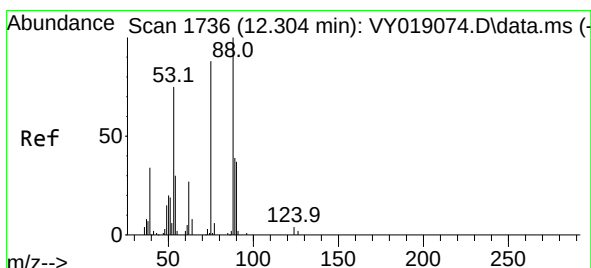
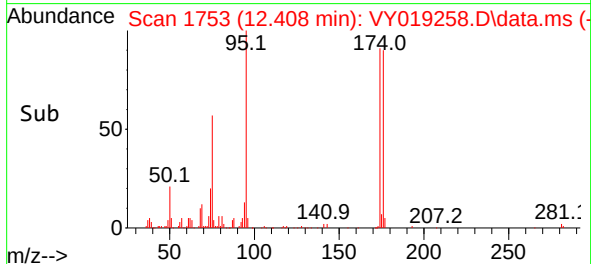
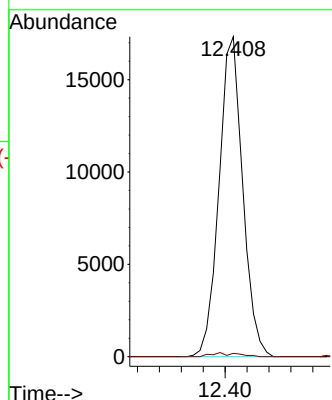
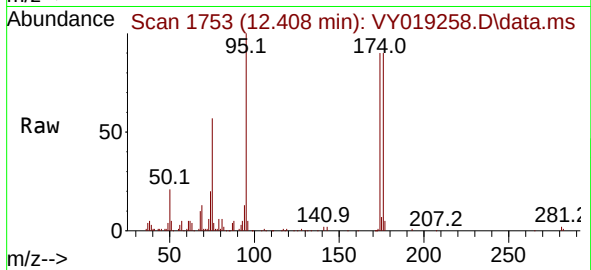
ClientSampleId :

Tgt Ion: 75 Resp: 26010

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.458 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Tgt Ion: 75 Resp: 26010

Ion Ratio Lower Upper

75 100

53 1.3 66.8 100.2#

89 0.0 35.8 53.6#

