

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019403.D
 Acq On : 30 Aug 2024 18:10
 Operator : SY/MD
 Sample : P3750-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:18:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

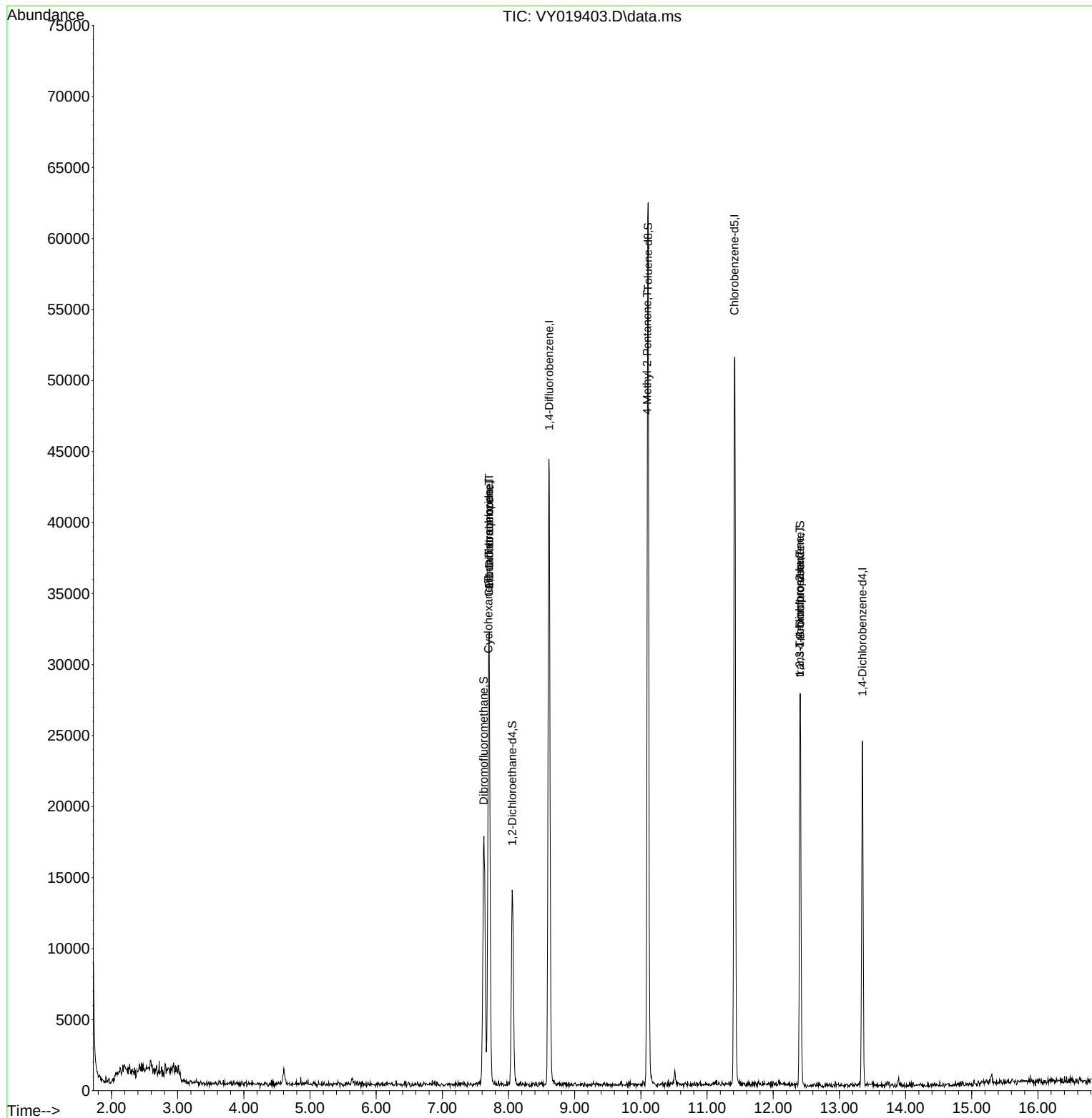
Internal Standards						
1) Pentafluorobenzene	7.707	168	25072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	39336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	29701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	6147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	11036	46.472	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.940%		
35) Dibromofluoromethane	7.622	113	12818	51.541	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.080%		
50) Toluene-d8	10.109	98	40677	44.432	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.860%		
62) 4-Bromofluorobenzene	12.408	95	8394	28.348	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	56.700%		
Target Compounds						
5) Bromomethane	2.604	94	221	Below Cal	Qvalue 93	
20) Methylene Chloride	4.610	84	737	Below Cal	# 73	
31) Cyclohexane	7.695	56	573	1.419	ug/l # 18	
36) 1,1-Dichloropropene	7.707	75	2241	6.376	ug/l # 40	
38) Carbon Tetrachloride	7.701	117	2635	6.152	ug/l # 13	
51) 4-Methyl-2-Pentanone	10.097	43	275	1.934	ug/l # 1	
76) 1,2,3-Trichloropropane	12.402	75	4675	86.601	ug/l # 100	
81) trans-1,4-Dichloro-2-b...	12.402	75	4675	214.258	ug/l # 16	

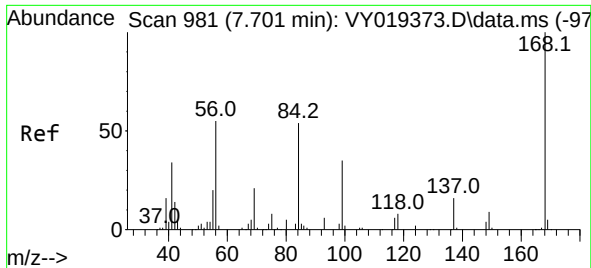
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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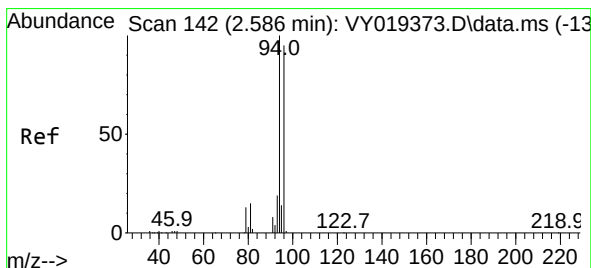
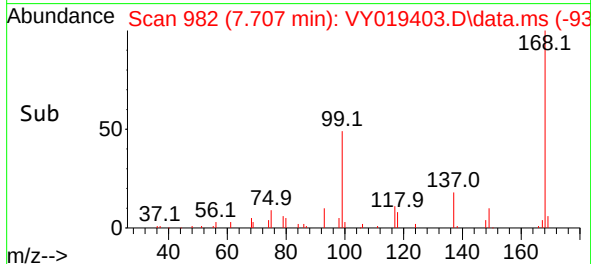
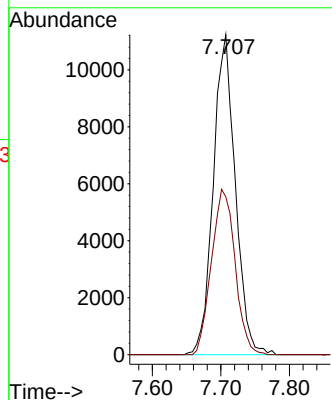
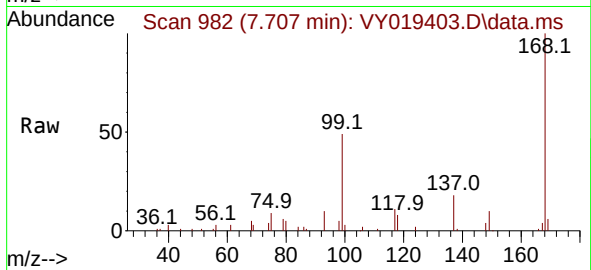




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

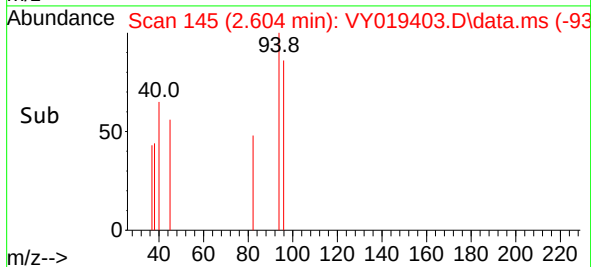
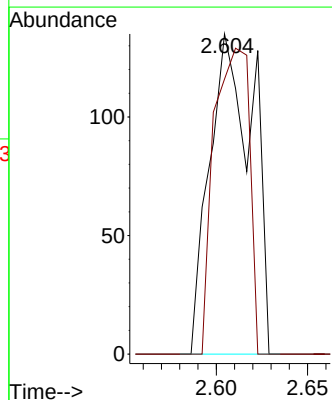
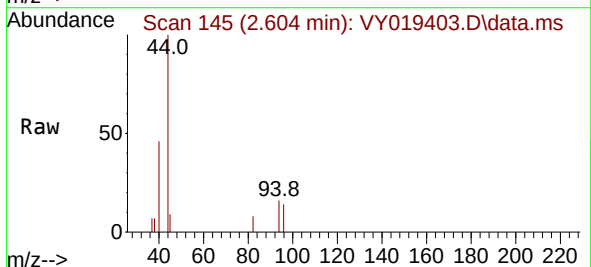
Instrument :
MSVOA_Y
ClientSampleId :

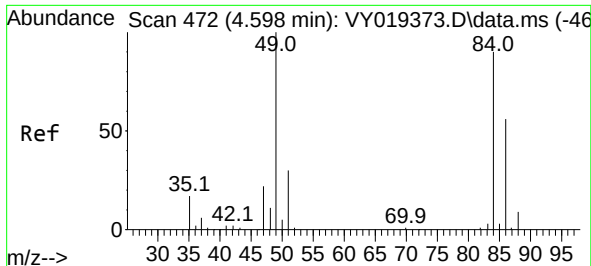
Tgt Ion:168 Resp: 25072
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 85.9 74.1 111.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 41

Delta R.T. 0.012 min

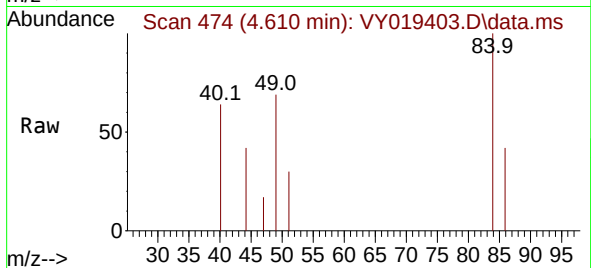
Lab File: VY019403.D

Acq: 30 Aug 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 737

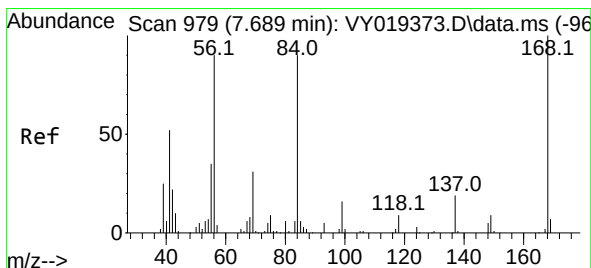
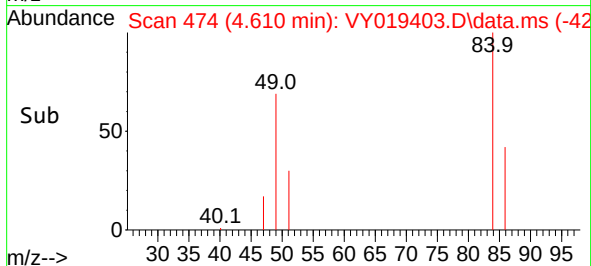
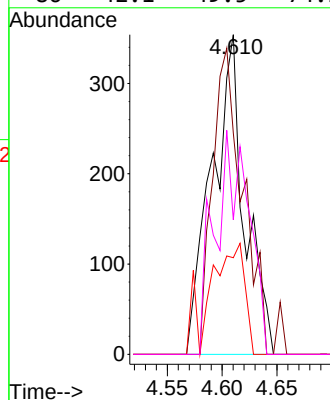
Ion Ratio Lower Upper

84 100

49 69.2 84.4 126.6#

51 30.2 26.0 39.0

86 42.1 49.5 74.3#



#31

Cyclohexane

Concen: 1.419 ug/l

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019403.D

Acq: 30 Aug 2024 18:10

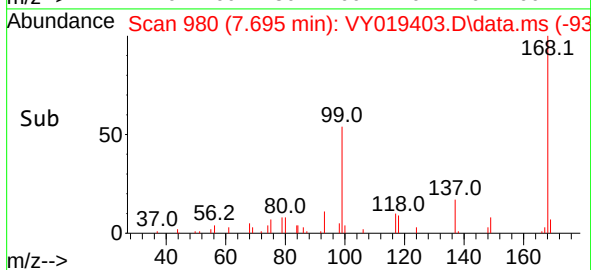
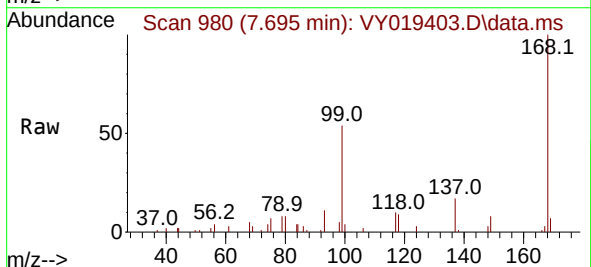
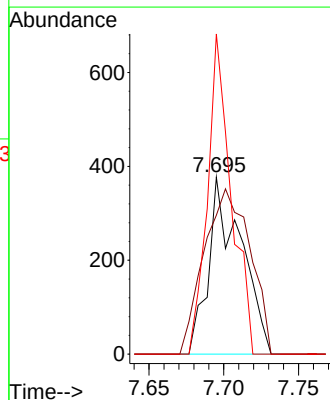
Tgt Ion: 56 Resp: 573

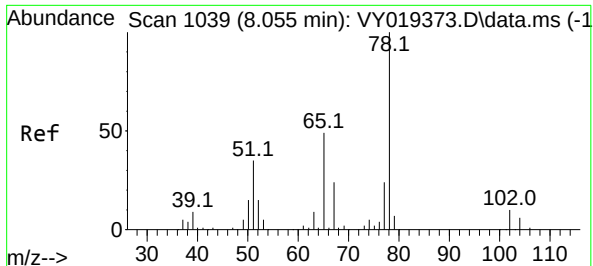
Ion Ratio Lower Upper

56 100

69 78.5 28.7 43.1#

84 180.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 46.472 ug/l

RT: 8.055 min Scan# 11036

Delta R.T. -0.000 min

Lab File: VY019403.D

Acq: 30 Aug 2024 18:10

Instrument :

MSVOA_Y

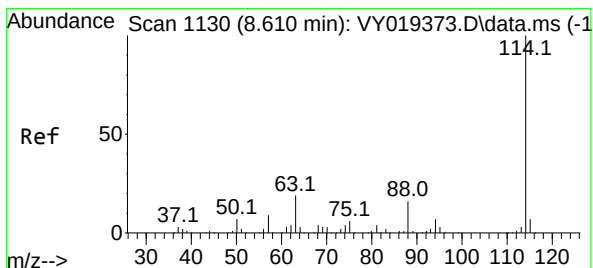
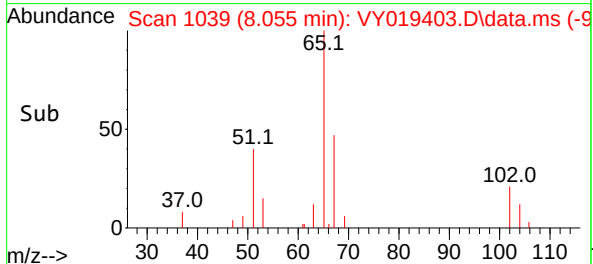
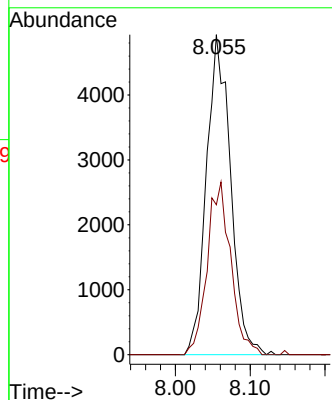
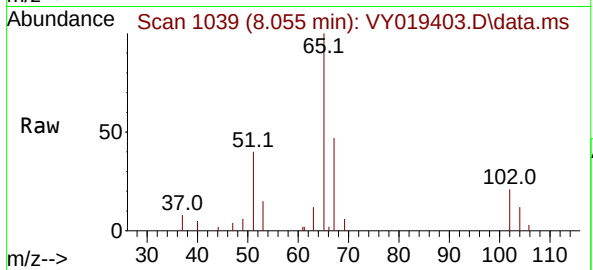
ClientSampleId :

Tgt Ion: 65 Resp: 11036

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019403.D

Acq: 30 Aug 2024 18:10

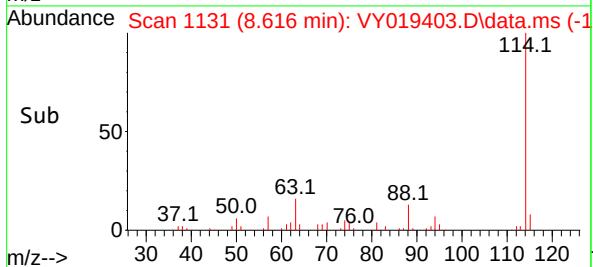
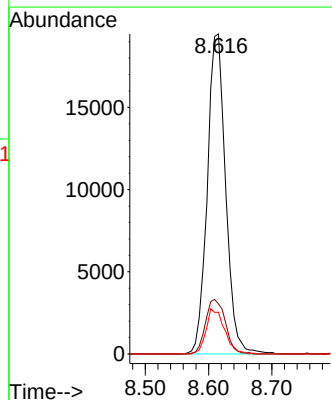
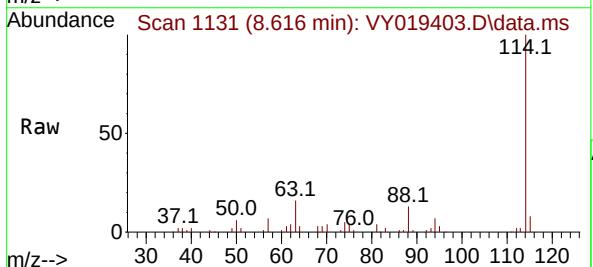
Tgt Ion: 114 Resp: 39336

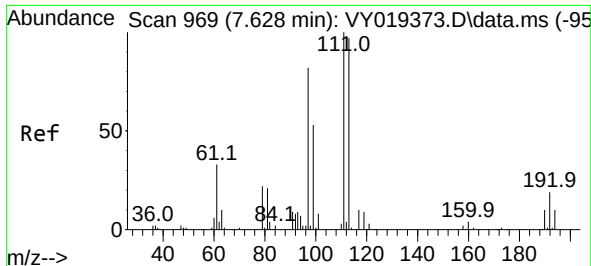
Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.0

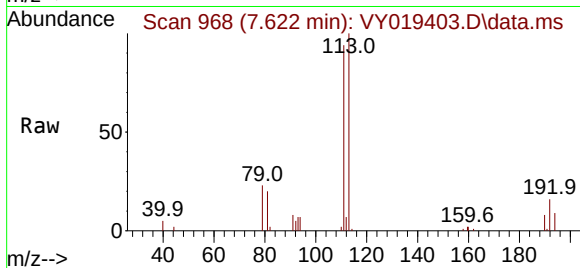
88 13.1 0.0 27.2



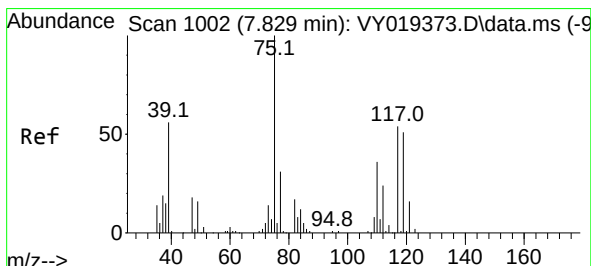
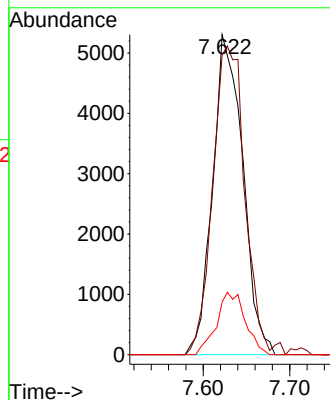
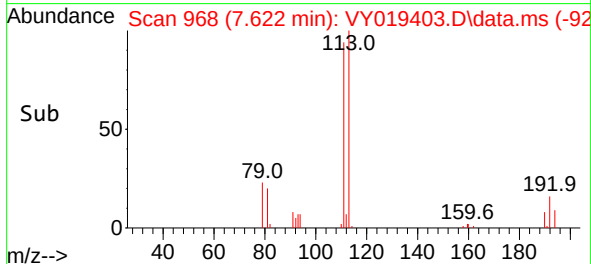


#35
Dibromofluoromethane
Concen: 51.541 ug/l
RT: 7.622 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

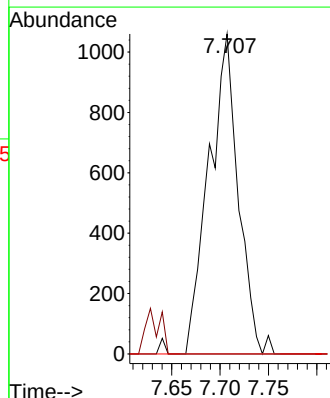
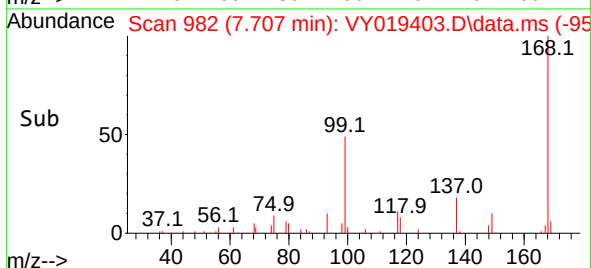
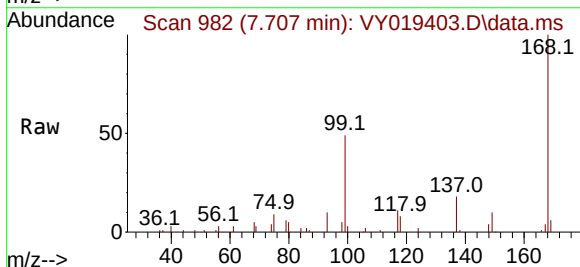


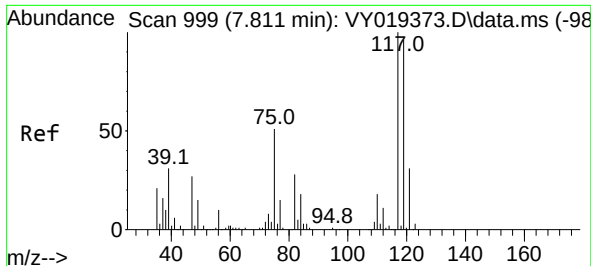
Tgt Ion:113 Resp: 12818
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.376 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

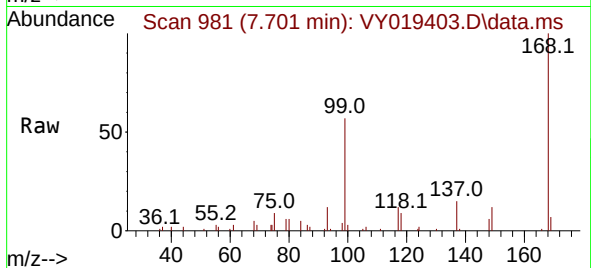
Tgt Ion: 75 Resp: 2241
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



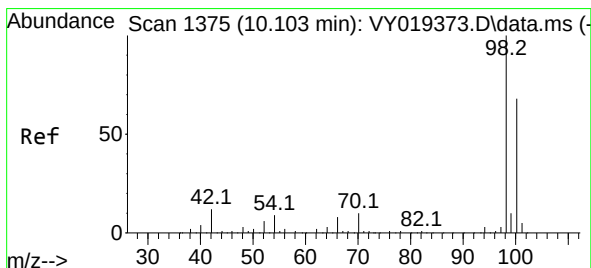
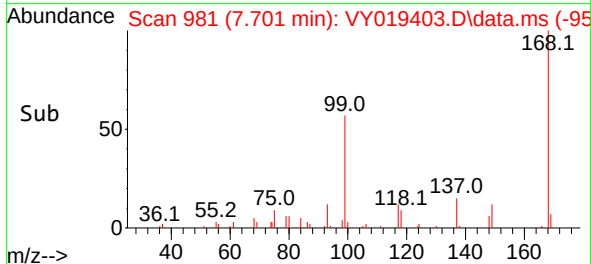
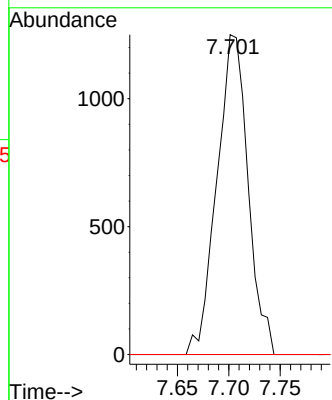


#38
Carbon Tetrachloride
Concen: 6.152 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

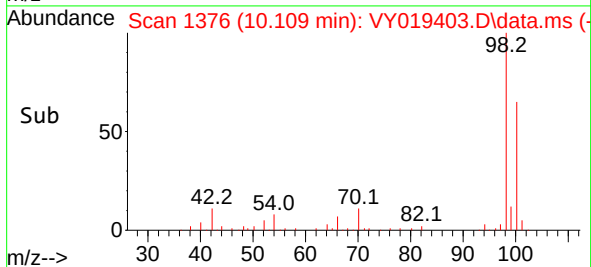
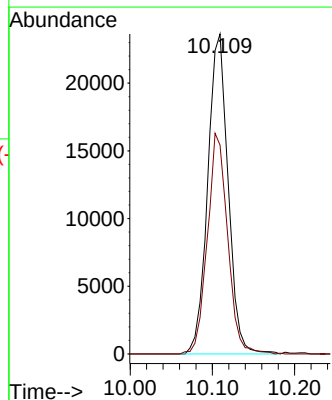
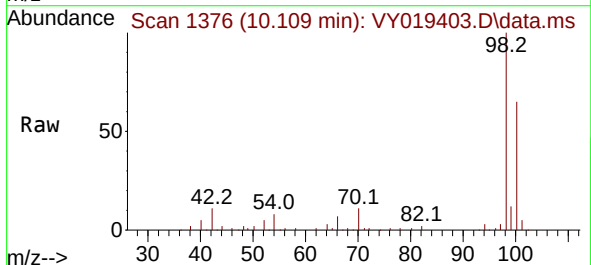


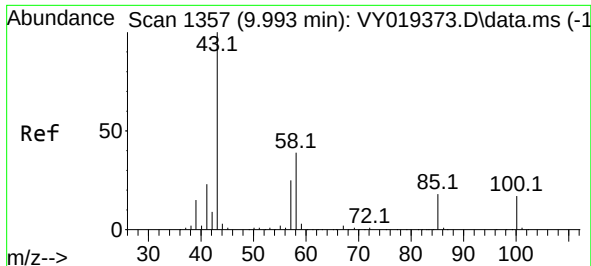
Tgt Ion:117 Resp: 2635
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.432 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Tgt Ion: 98 Resp: 40677
Ion Ratio Lower Upper
98 100
100 68.6 52.0 78.0

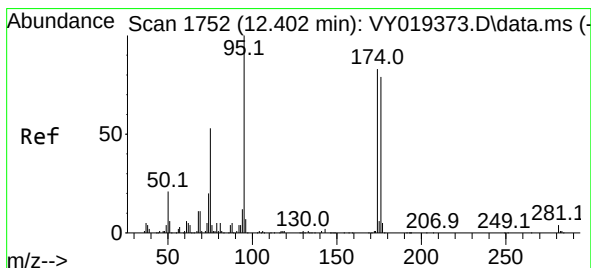
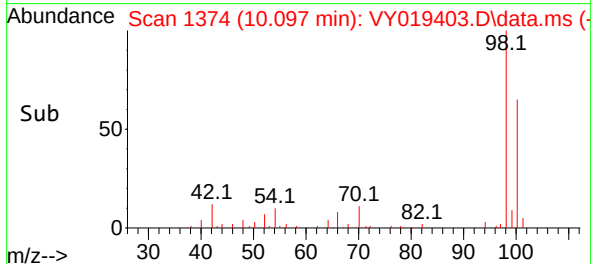
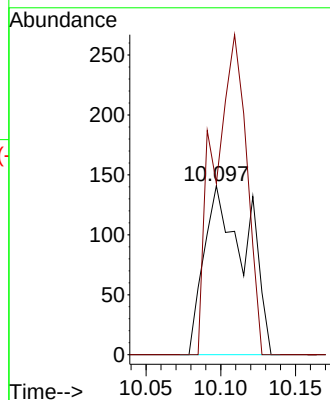
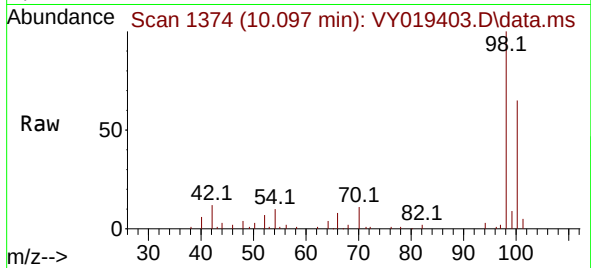




#51
4-Methyl-2-Pentanone
Concen: 1.934 ug/l
RT: 10.097 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

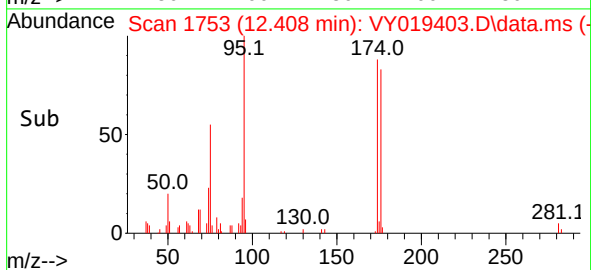
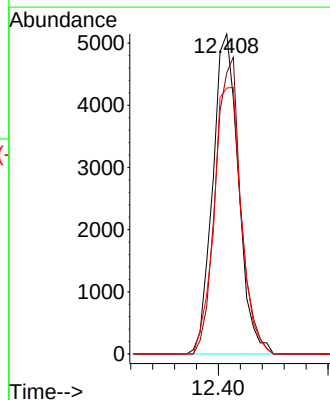
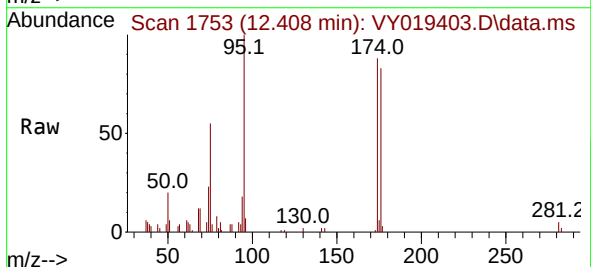
Instrument :
MSVOA_Y
ClientSampleId :

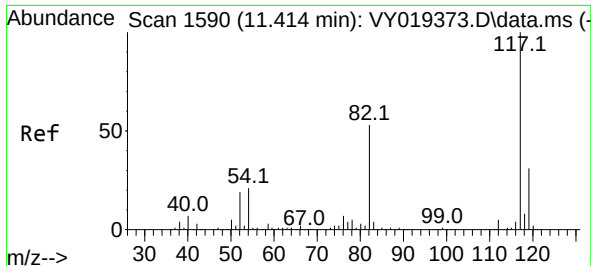
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 146.5 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 28.348 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Tgt Ion: 95 Resp: 8394
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 88.9 0.0 171.4

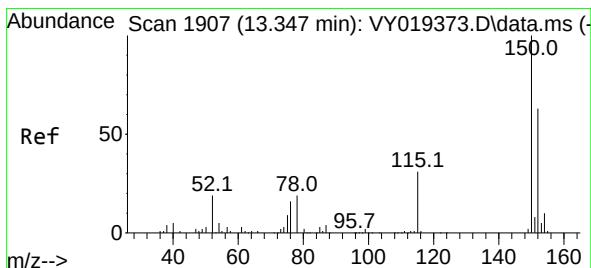
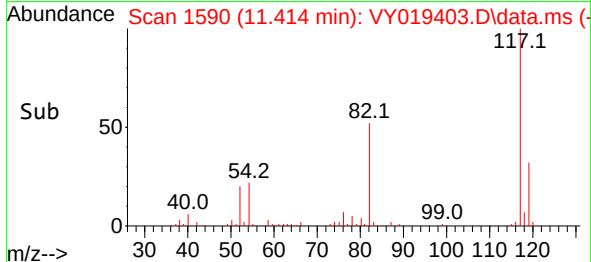
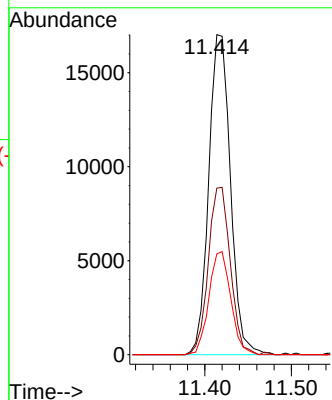
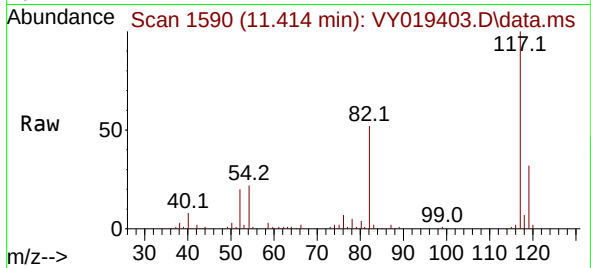




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

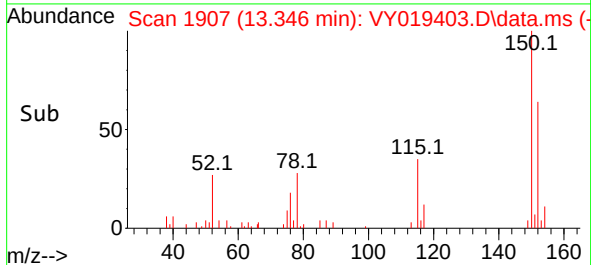
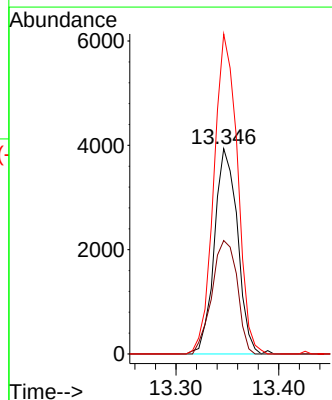
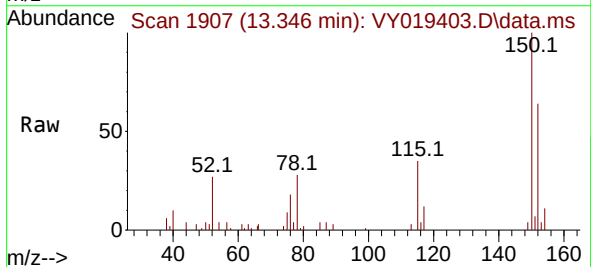
Instrument :
MSVOA_Y
ClientSampleId :

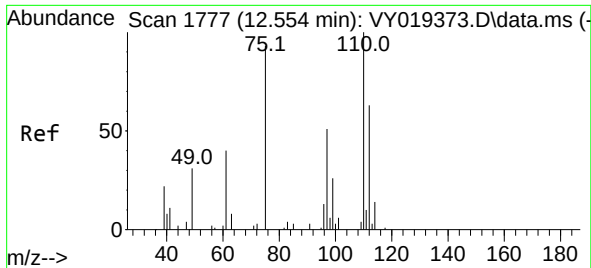
Tgt Ion:117 Resp: 29701
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Tgt Ion:152 Resp: 6147
Ion Ratio Lower Upper
152 100
115 60.3 28.2 84.7
150 159.0 0.0 345.6

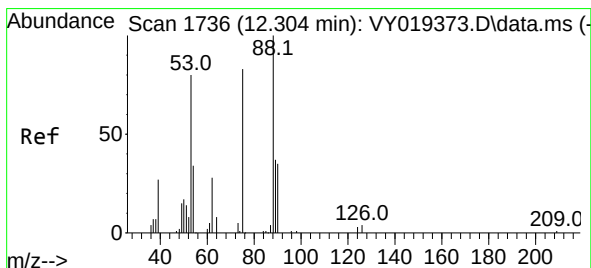
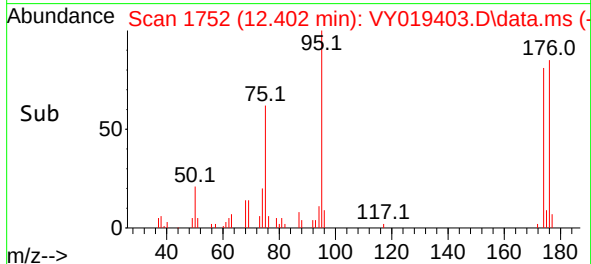
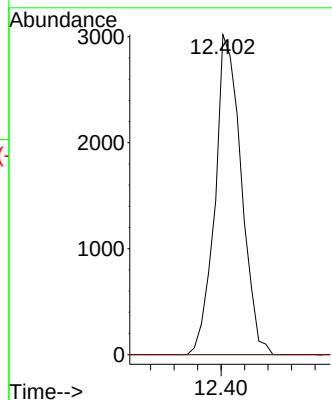
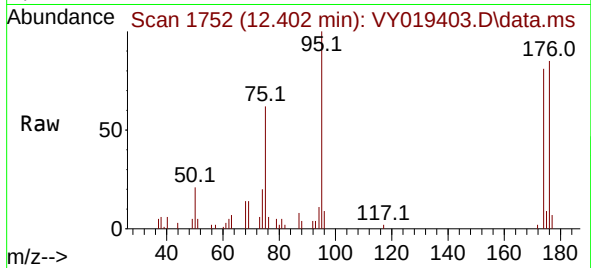




#76
1,2,3-Trichloropropane
Concen: 86.601 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4675
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 214.258 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY019403.D
Acq: 30 Aug 2024 18:10

Tgt Ion: 75 Resp: 4675
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

