

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021765.D
 Acq On : 03 Apr 2025 11:34
 Operator : SY/MD
 Sample : VY0403SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

Quant Time: Apr 04 01:29:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

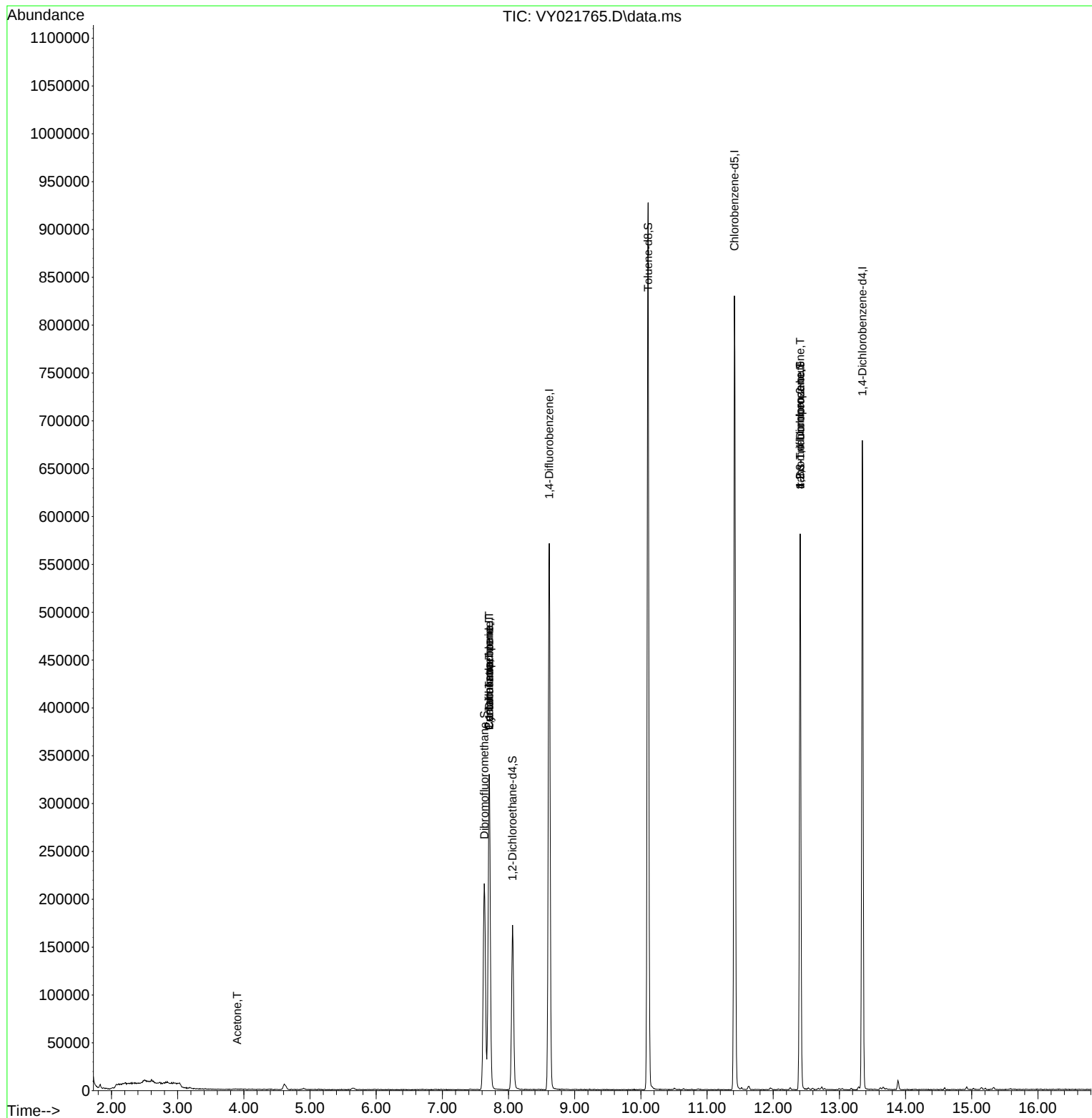
Internal Standards						
1) Pentafluorobenzene	7.707	168	249432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	475813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	424056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132130	48.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.780%
35) Dibromofluoromethane	7.634	113	152760	49.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.980%
50) Toluene-d8	10.109	98	585314	49.848	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.408	95	171818	43.260	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.520%
Target Compounds						
					Qvalue	
16) Acetone	3.897	43	867	1.568	ug/l #	44
20) Methylene Chloride	4.610	84	3804	Below Cal	#	89
31) Cyclohexane	7.707	56	5530	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	20323	4.323	ug/l #	50
38) Carbon Tetrachloride	7.707	117	25385	4.714	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	89795	55.800	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	89795	128.573	ug/l #	12

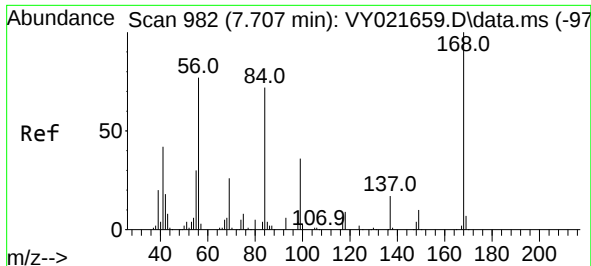
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021765.D
Acq On : 03 Apr 2025 11:34
Operator : SY/MD
Sample : VY0403SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

Quant Time: Apr 04 01:29:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

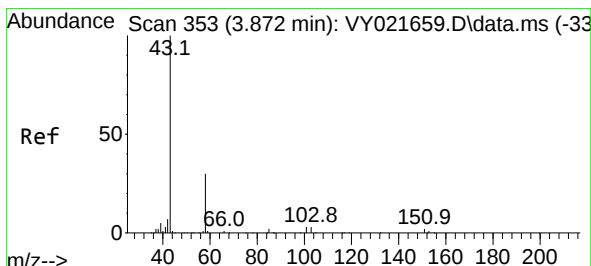
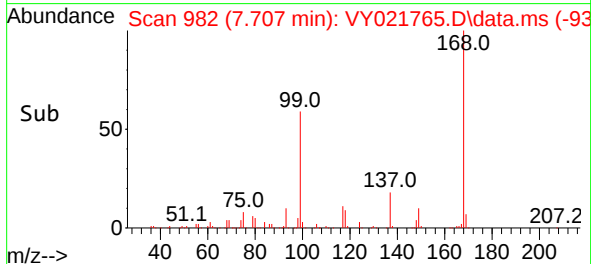
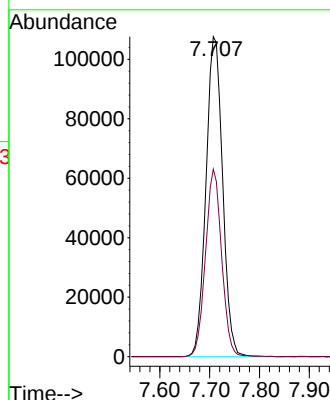
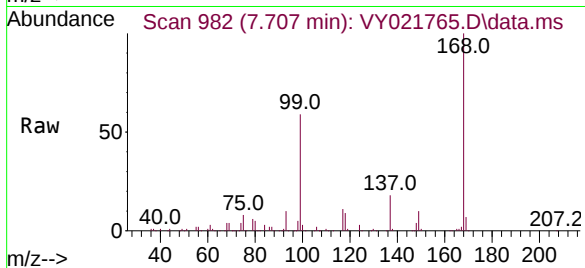




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

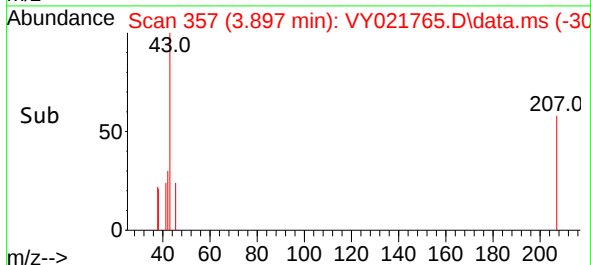
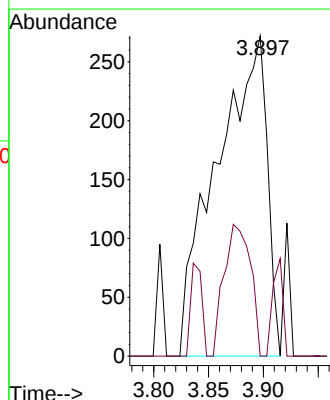
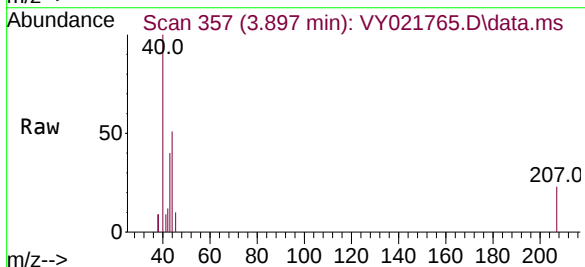
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

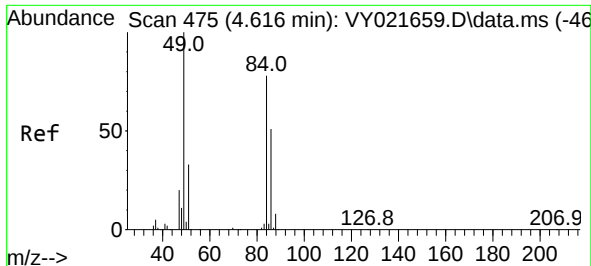
Tgt Ion:168 Resp: 249432
Ion Ratio Lower Upper
168 100
99 58.6 46.7 70.1



#16
Acetone
Concen: 1.568 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.025 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

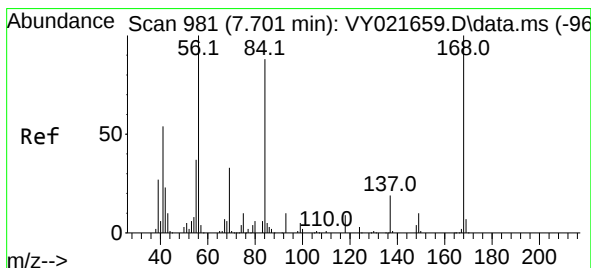
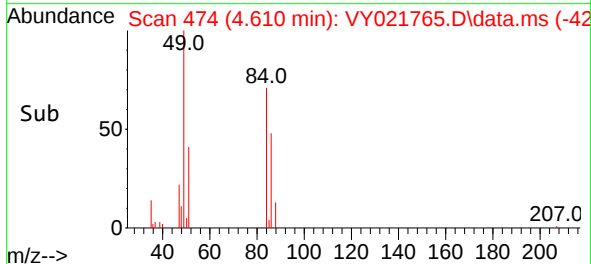
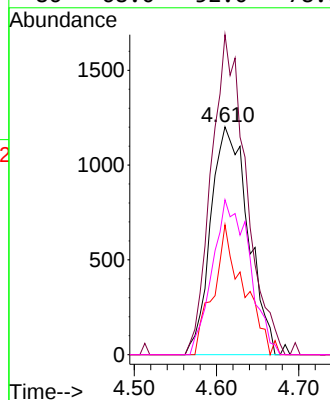
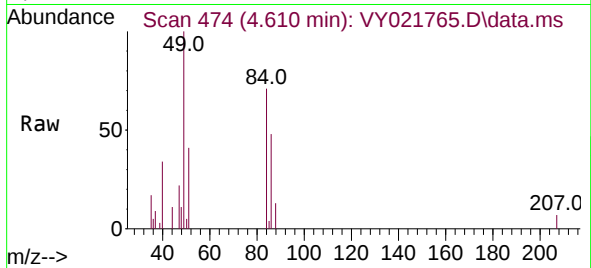




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

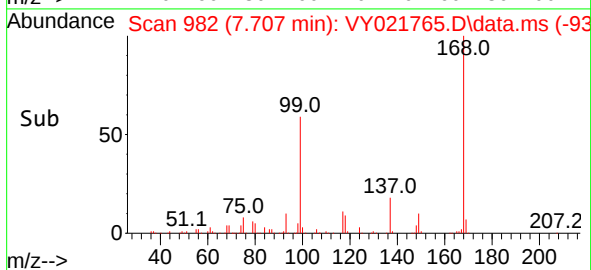
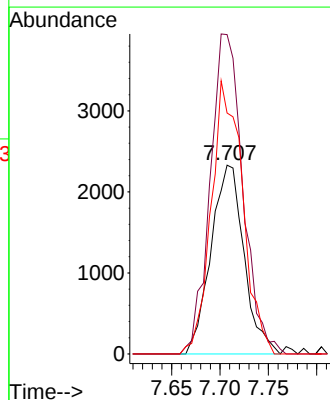
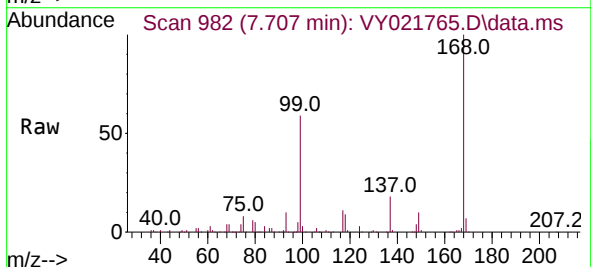
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

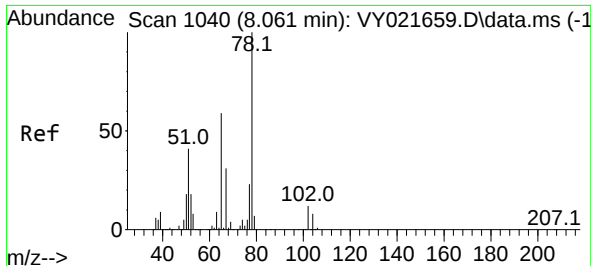
Tgt Ion:	84	Resp:	3804
Ion	Ratio	Lower	Upper
84	100		
49	140.4	102.8	154.2
51	57.0	33.5	50.3#
86	68.0	52.0	78.0



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

Tgt Ion:	56	Resp:	5530
Ion	Ratio	Lower	Upper
56	100		
69	169.2	26.6	40.0#
84	127.6	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 48.891 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021765.D

Acq: 03 Apr 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

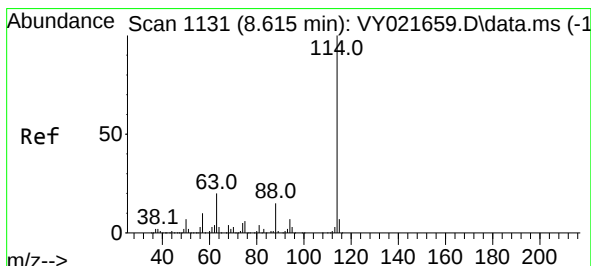
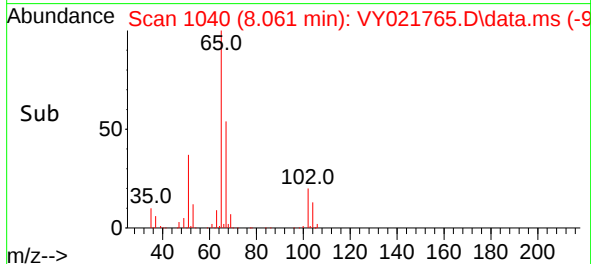
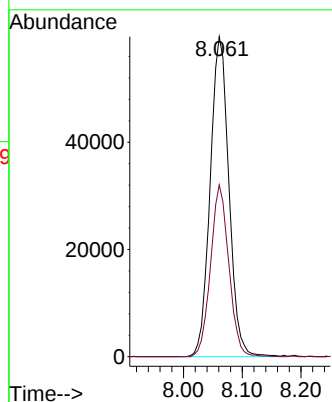
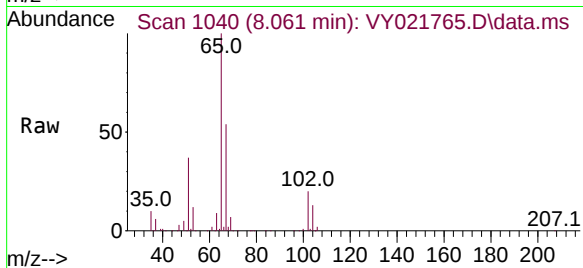
VY0403SBL01

Tgt Ion: 65 Resp: 132130

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021765.D

Acq: 03 Apr 2025 11:34

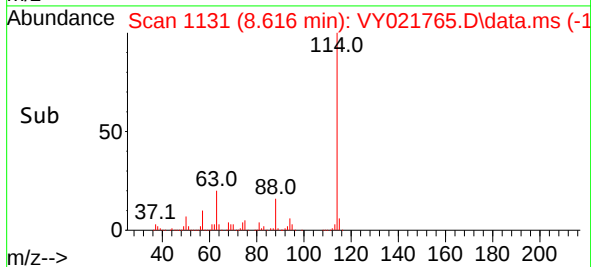
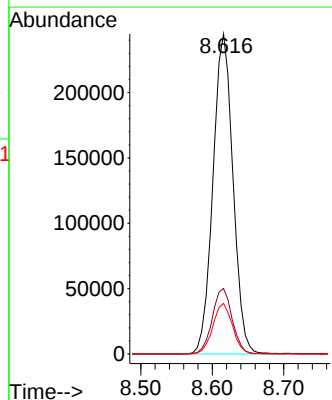
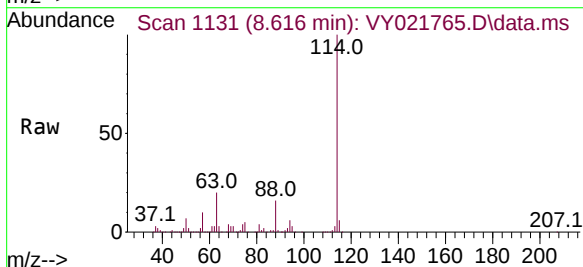
Tgt Ion: 114 Resp: 475813

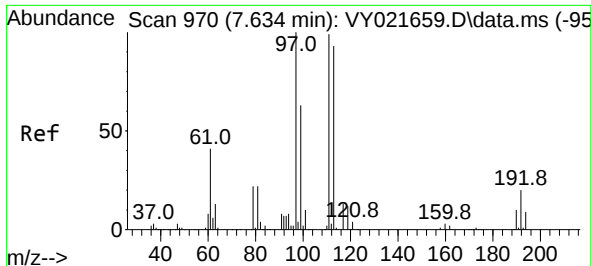
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.8 0.0 29.8

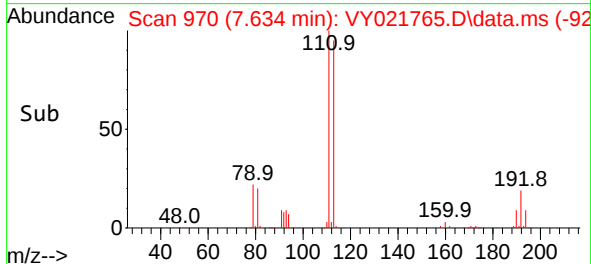
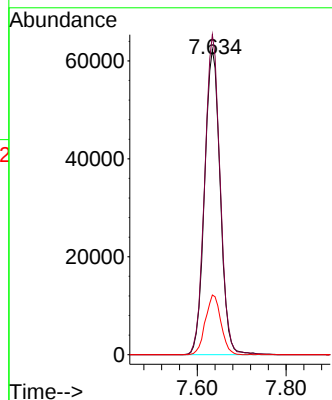
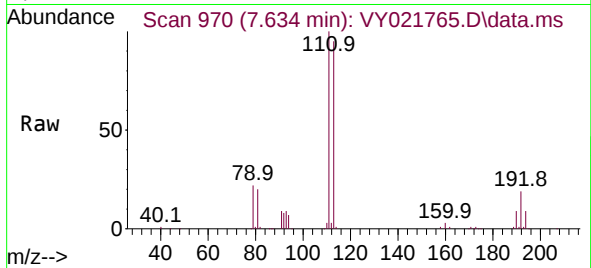




#35
Dibromofluoromethane
Concen: 49.493 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

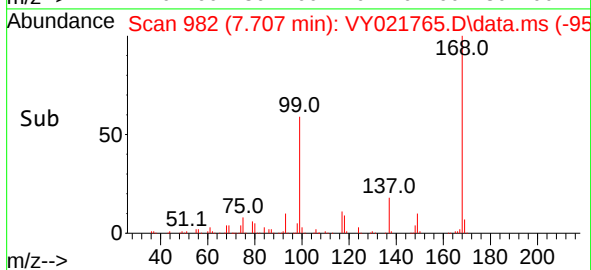
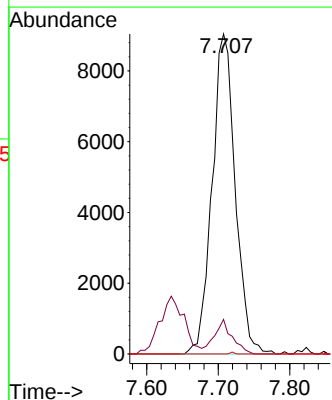
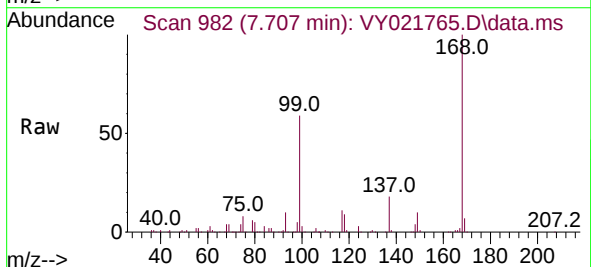
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

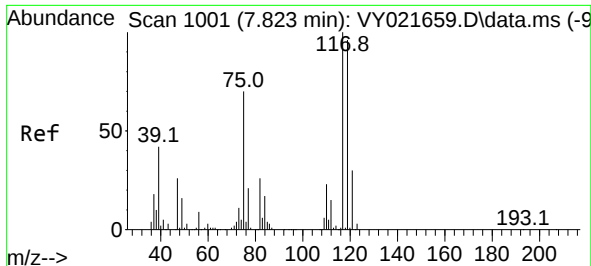
Tgt Ion:113 Resp: 152760
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

Tgt Ion: 75 Resp: 20323
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.1 24.8 37.2#

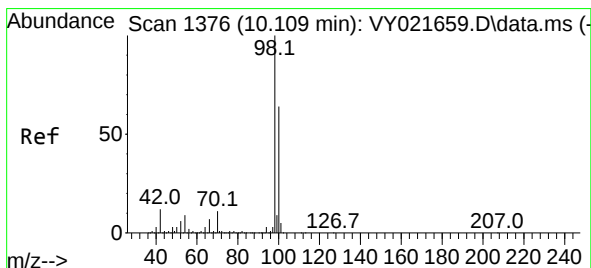
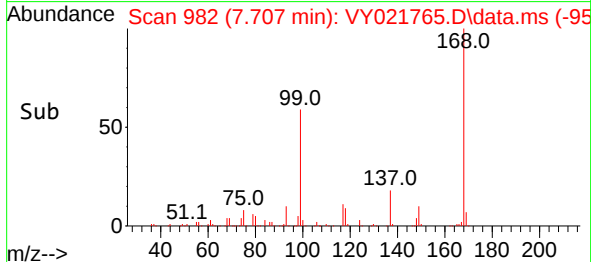
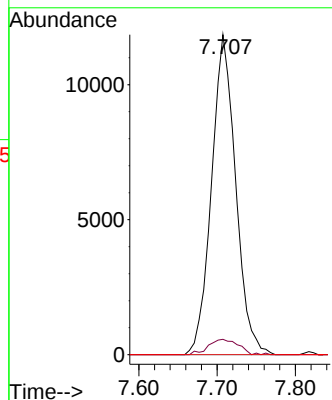
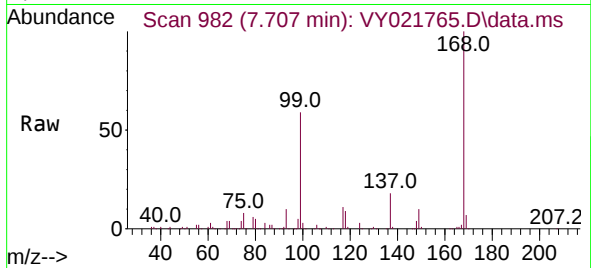




#38
Carbon Tetrachloride
Concen: 4.714 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

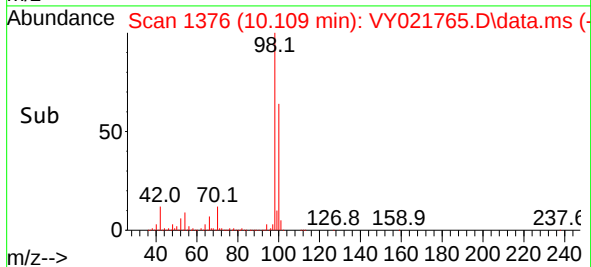
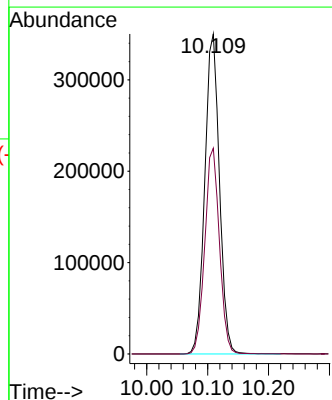
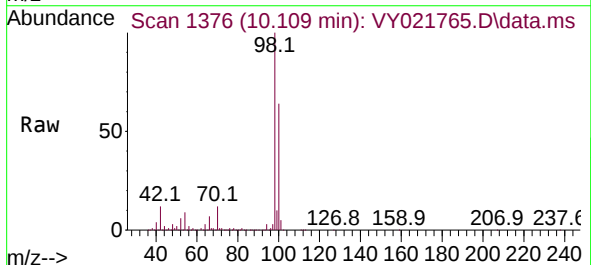
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

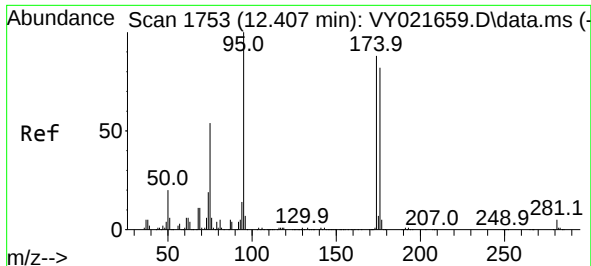
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.4#
121	0.0	24.2	36.4#



#50
Toluene-d8
Concen: 49.848 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1

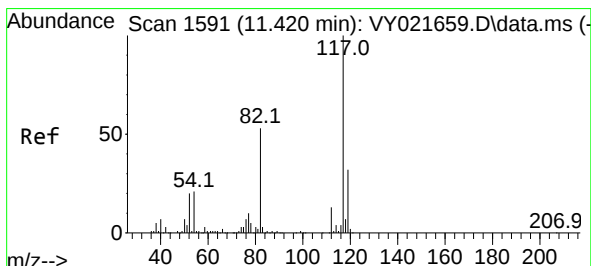
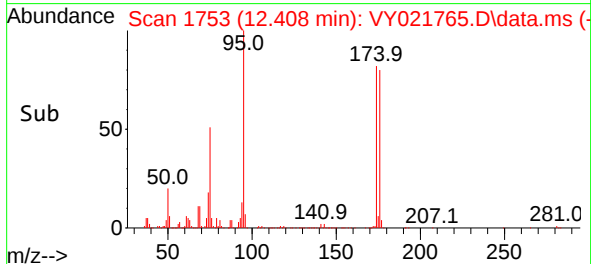
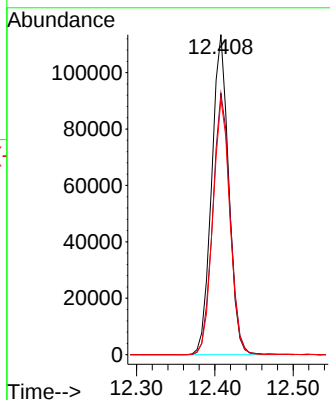
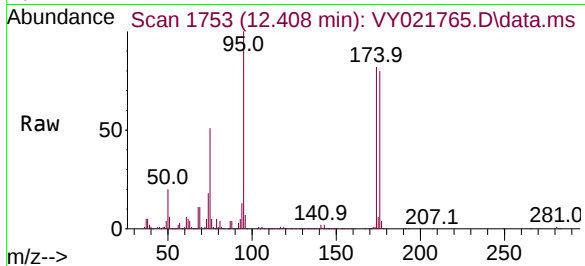




#62
4-Bromofluorobenzene
Concen: 43.260 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

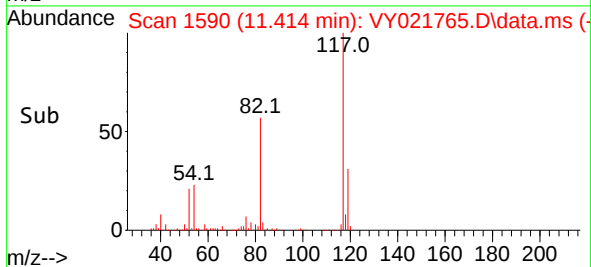
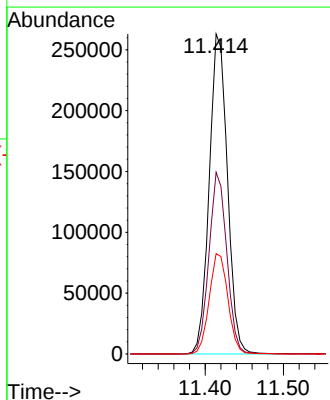
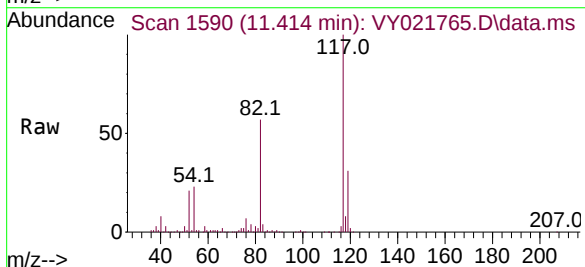
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

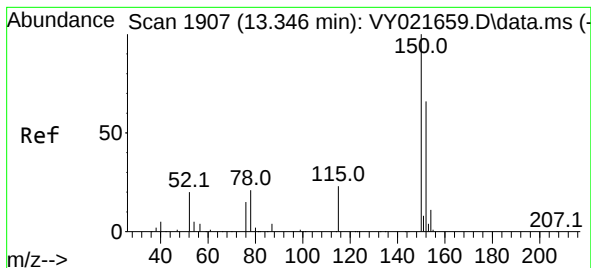
Tgt Ion: 95 Resp: 171818
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.8
176 79.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021765.D
Acq: 03 Apr 2025 11:34

Tgt Ion: 117 Resp: 424056
Ion Ratio Lower Upper
117 100
82 56.7 42.8 64.2
119 31.4 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021765.D

Acq: 03 Apr 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBL01

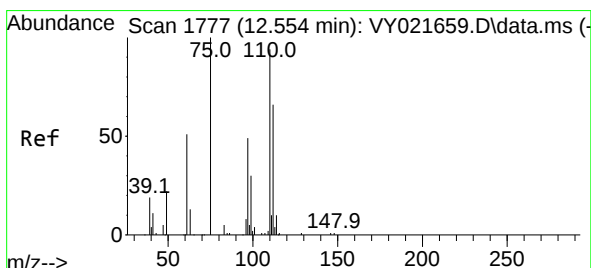
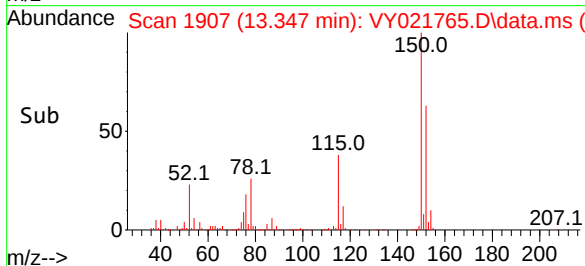
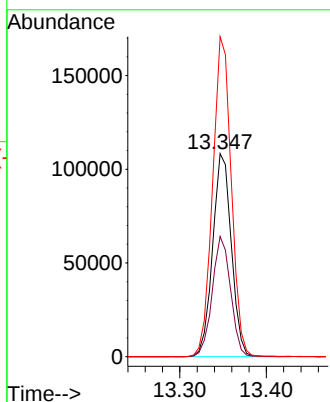
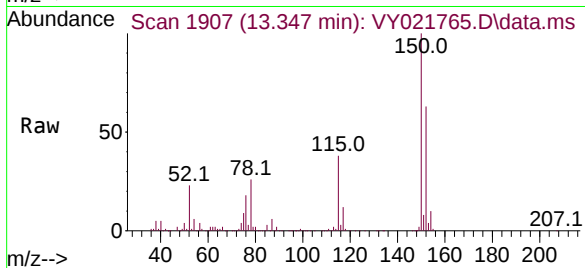
Tgt Ion:152 Resp: 162342

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.2 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 55.800 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021765.D

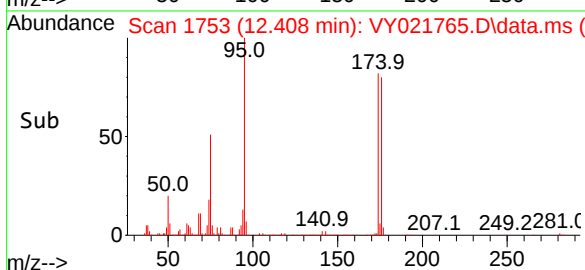
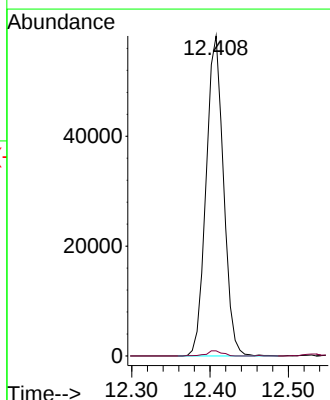
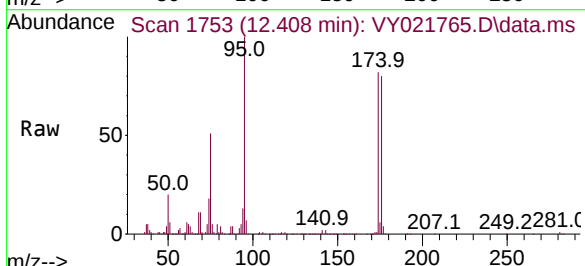
Acq: 03 Apr 2025 11:34

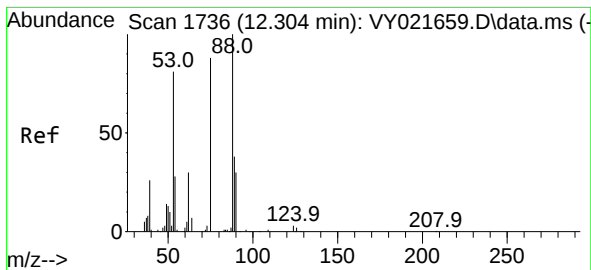
Tgt Ion: 75 Resp: 89795

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.573 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021765.D
 Acq: 03 Apr 2025 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

Tgt Ion: 75 Resp: 89795
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

