

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020828.D
 Acq On : 15 Jan 2025 10:25
 Operator : SY/MD
 Sample : VY0115SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 16 00:55:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

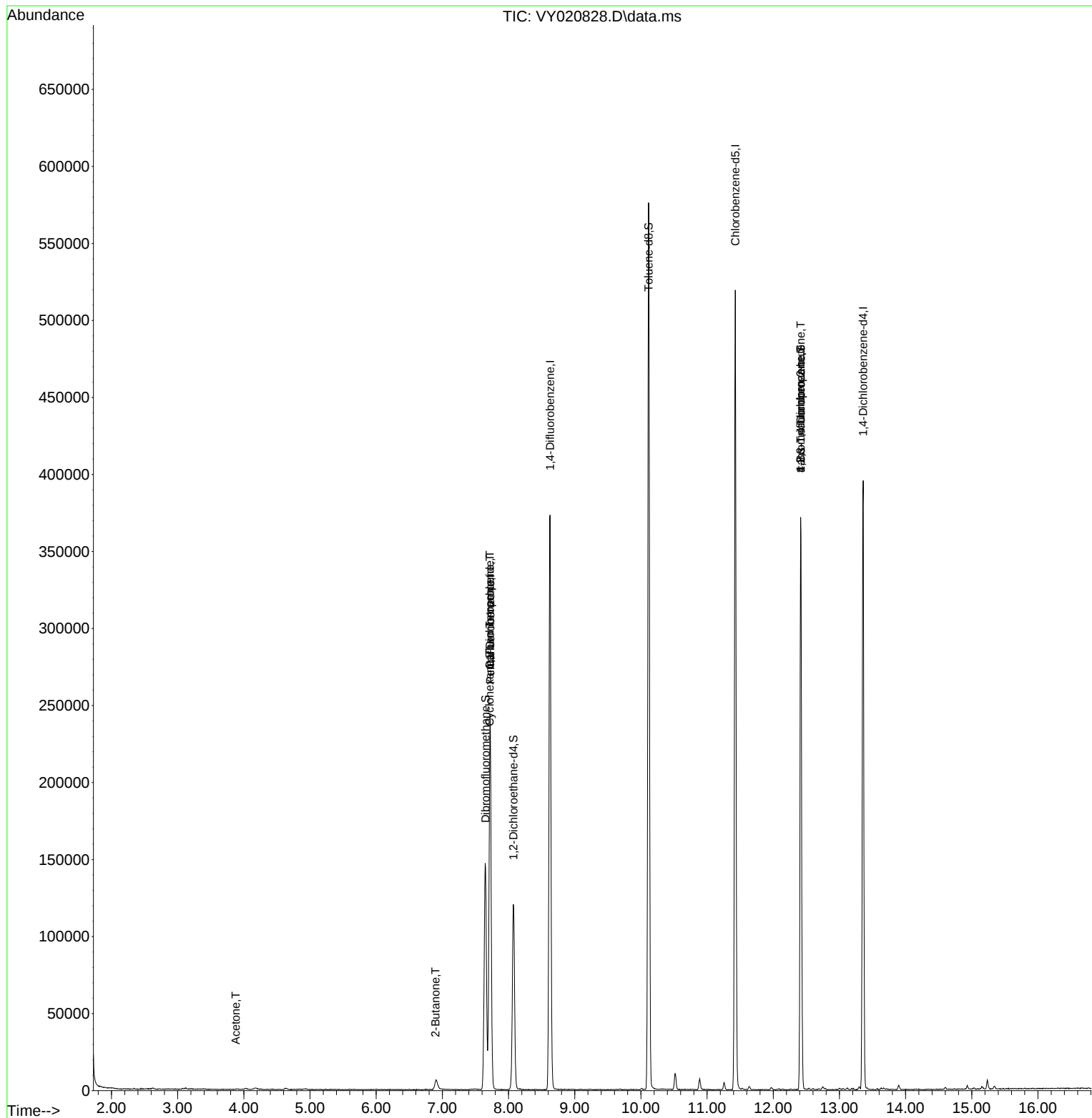
Internal Standards						
1) Pentafluorobenzene	7.726	168	196482	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	339127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	287092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	108328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	99378	59.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.020%	
35) Dibromofluoromethane	7.652	113	107939	50.804	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.115	98	389488	52.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.180%	
62) 4-Bromofluorobenzene	12.414	95	116478	42.587	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	692	2.914	ug/l #	41
25) 2-Butanone	6.896	43	449	1.151	ug/l #	45
31) Cyclohexane	7.713	56	3223	1.326	ug/l #	2
36) 1,1-Dichloropropene	7.719	75	13335	4.921	ug/l #	51
38) Carbon Tetrachloride	7.719	117	18287	4.848	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	58642	61.869	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	58642	130.452	ug/l #	14

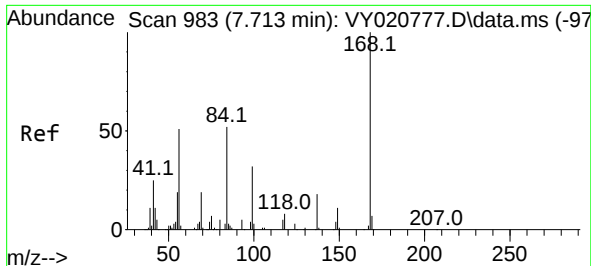
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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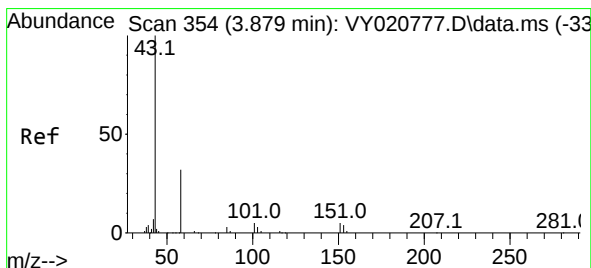
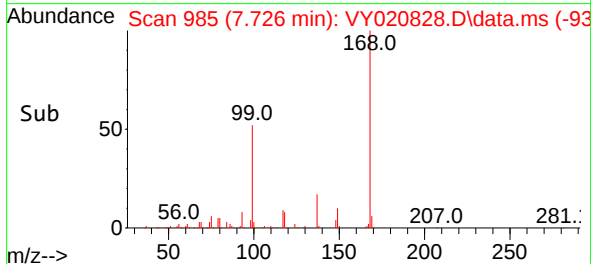
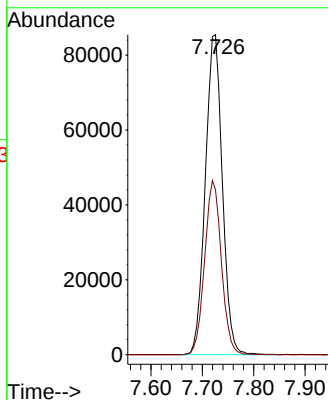
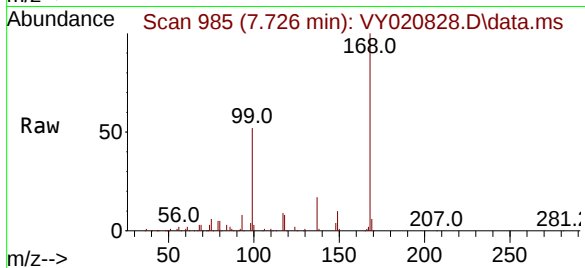




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

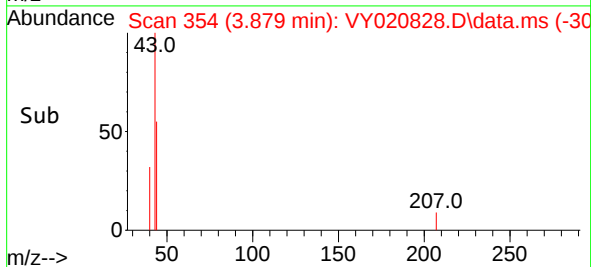
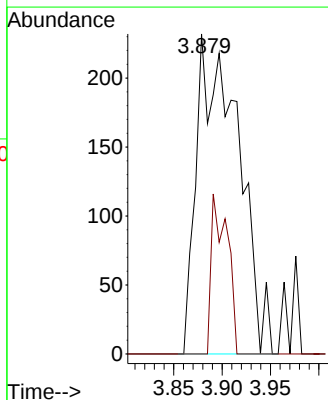
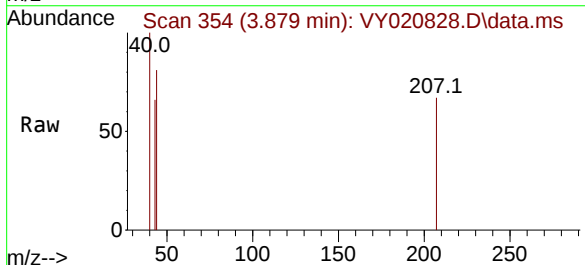
Instrument :
MSVOA_Y
ClientSampleId :

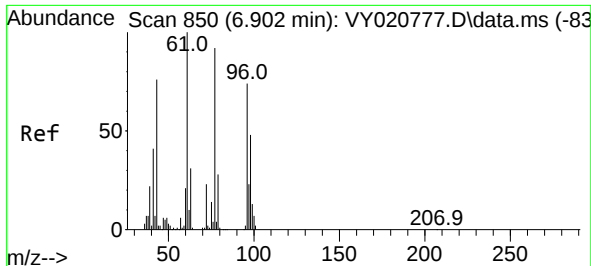
Tgt Ion:168 Resp: 196482
Ion Ratio Lower Upper
168 100
99 51.6 44.3 66.5



#16
Acetone
Concen: 2.914 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

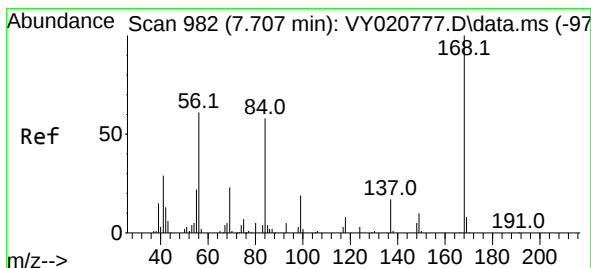
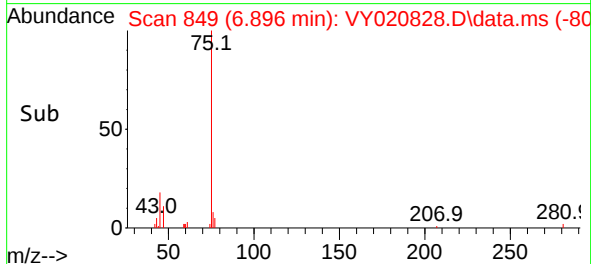
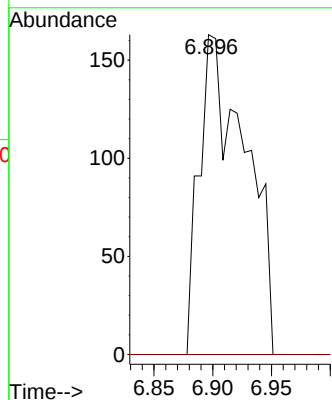
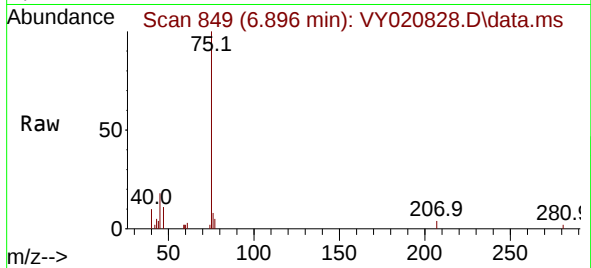




#25
2-Butanone
Concen: 1.151 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

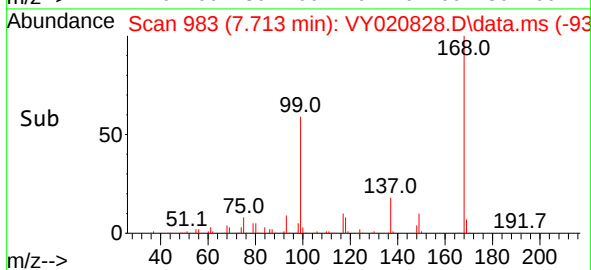
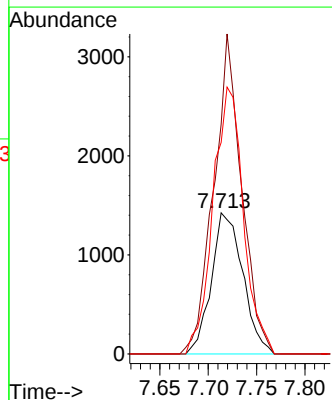
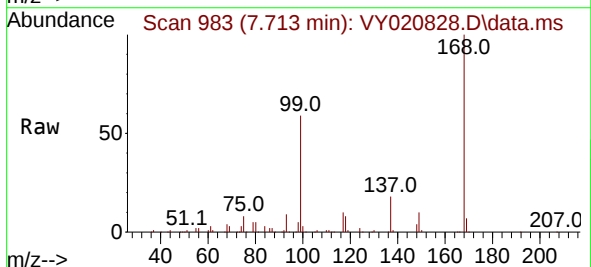
Instrument :
MSVOA_Y
ClientSampleId :

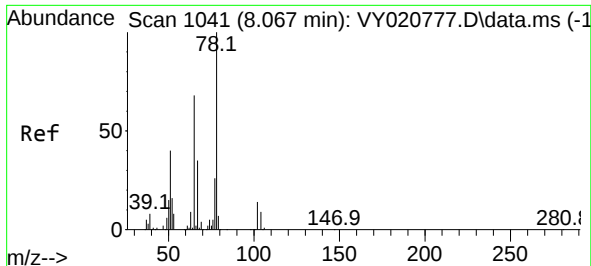
Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

Tgt Ion: 56 Resp: 3223
Ion Ratio Lower Upper
56 100
69 162.8 30.5 45.7#
84 149.9 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 59.507 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020828.D

Acq: 15 Jan 2025 10:25

Instrument :

MSVOA_Y

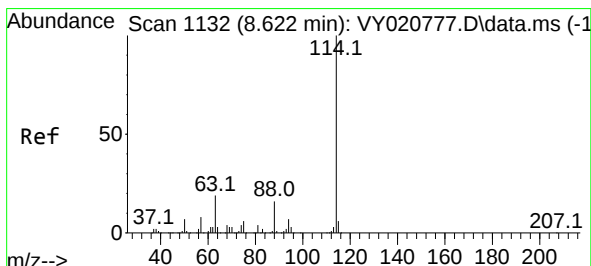
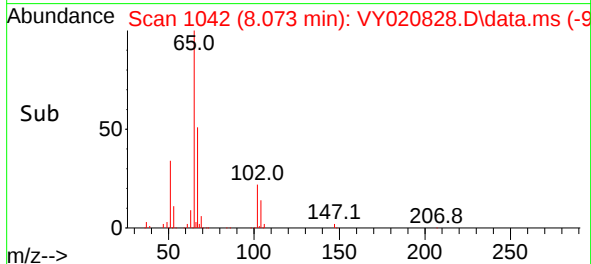
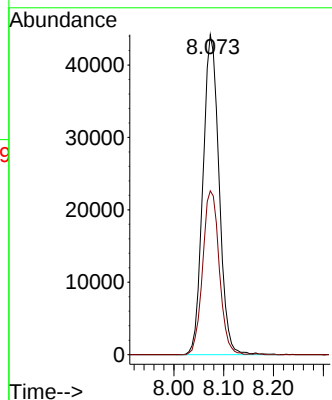
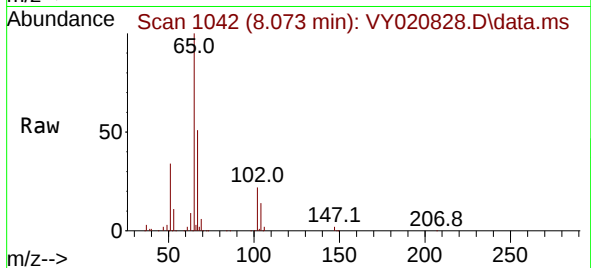
ClientSampleId :

Tgt Ion: 65 Resp: 99378

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020828.D

Acq: 15 Jan 2025 10:25

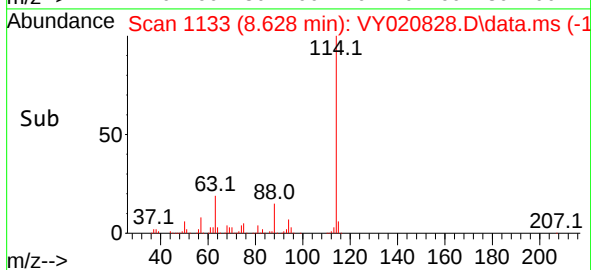
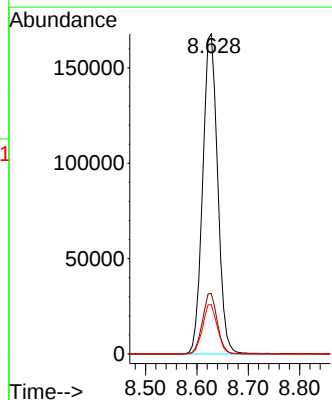
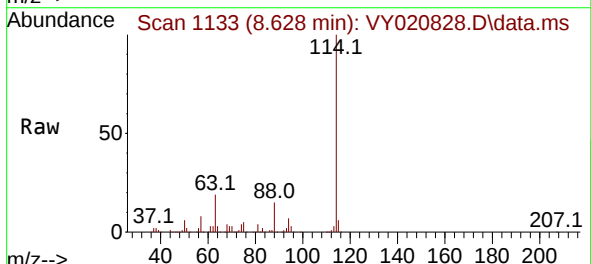
Tgt Ion: 114 Resp: 339127

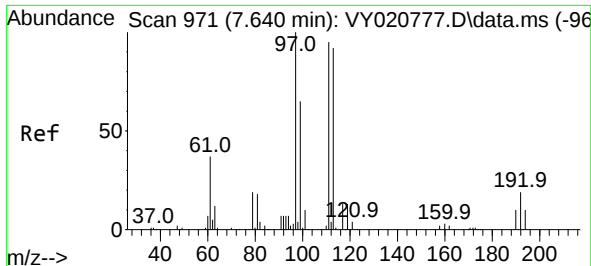
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

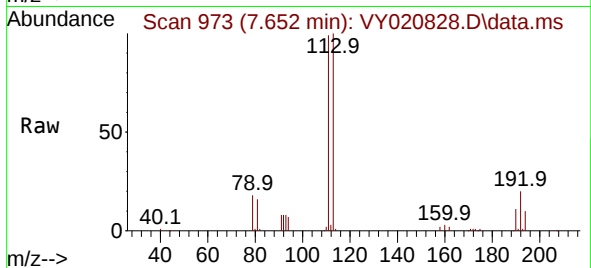
88 15.4 0.0 31.2



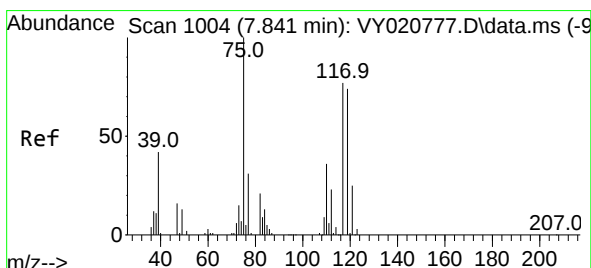
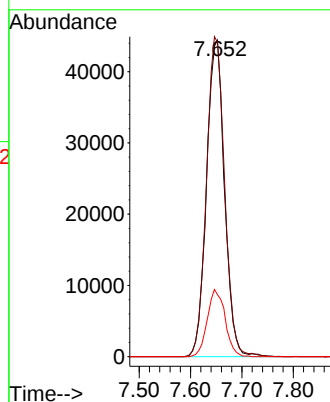
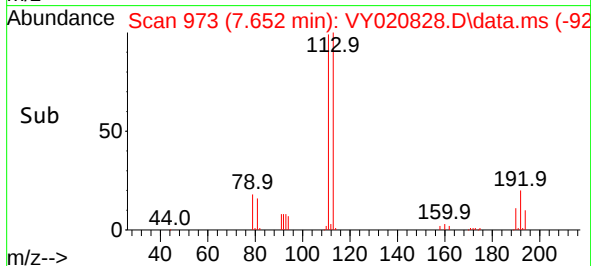


#35
Dibromofluoromethane
Concen: 50.804 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

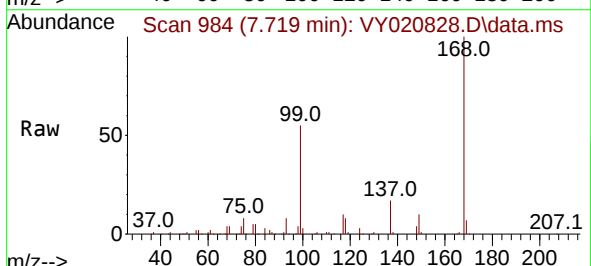
Instrument :
MSVOA_Y
ClientSampleId :



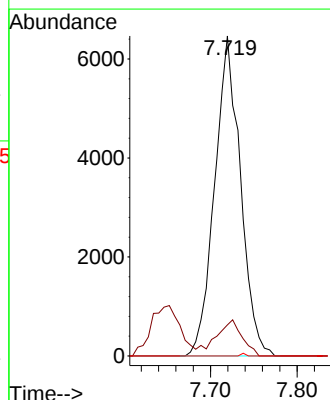
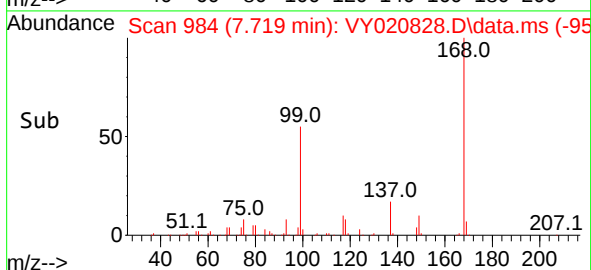
Tgt Ion:113 Resp: 107939
Ion Ratio Lower Upper
113 100
111 102.1 81.7 122.5
192 21.1 16.7 25.1

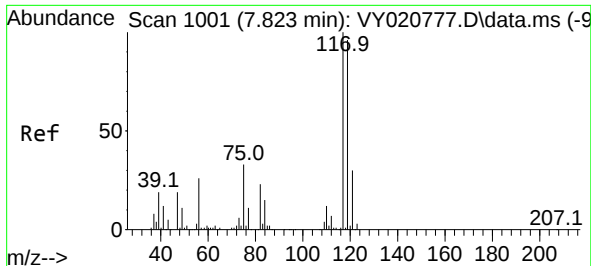


#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25



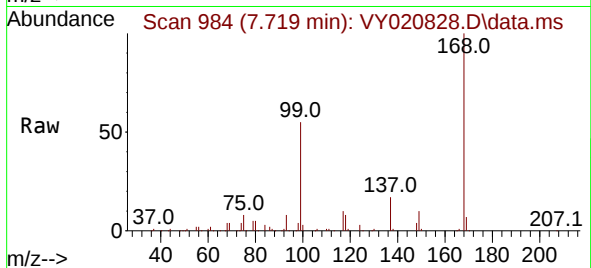
Tgt Ion: 75 Resp: 13335
Ion Ratio Lower Upper
75 100
110 11.5 18.5 55.5#
77 0.1 25.0 37.4#



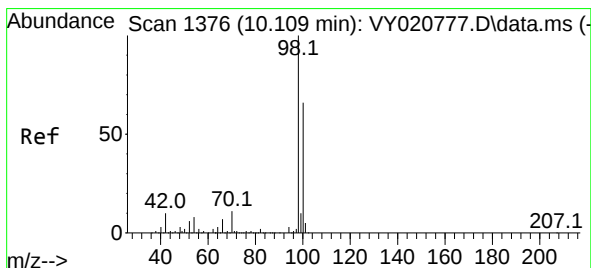
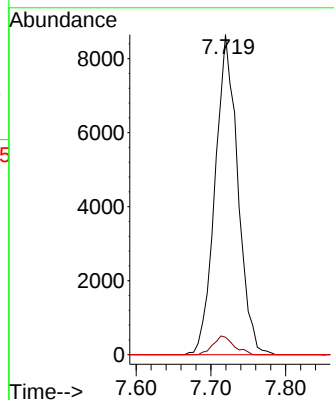
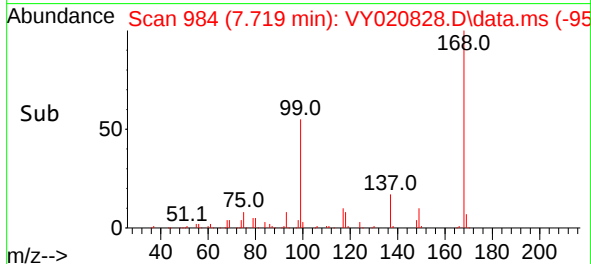


#38
Carbon Tetrachloride
Concen: 4.848 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

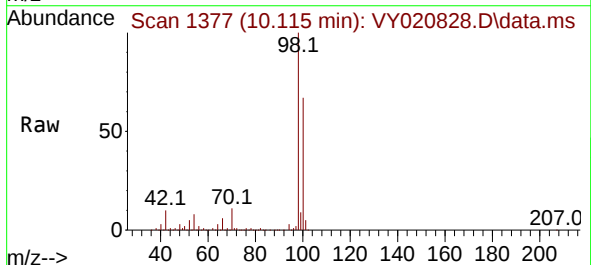
Instrument :
MSVOA_Y
ClientSampleId :



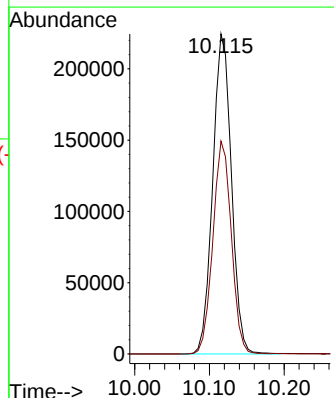
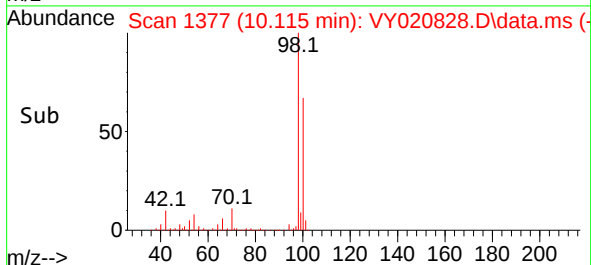
Tgt Ion:117 Resp: 18287
Ion Ratio Lower Upper
117 100
119 5.5 76.5 114.7#
121 0.0 24.3 36.5#

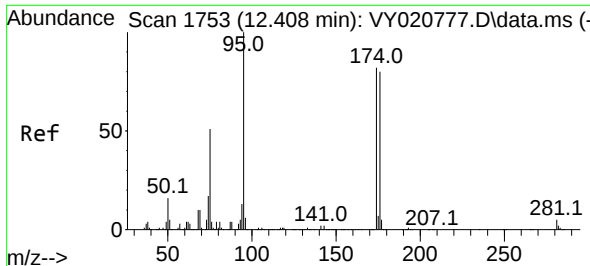


#50
Toluene-d8
Concen: 52.588 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25



Tgt Ion: 98 Resp: 389488
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

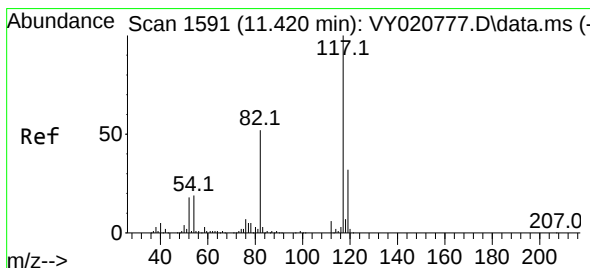
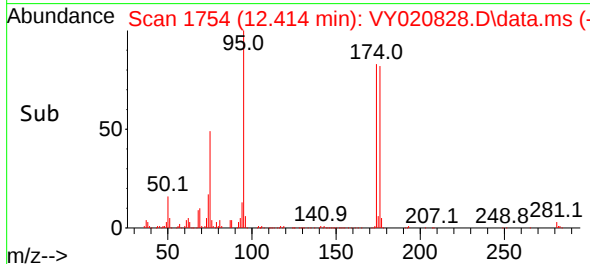
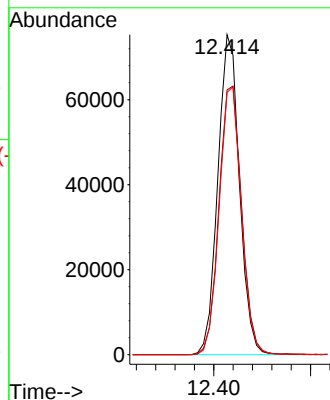
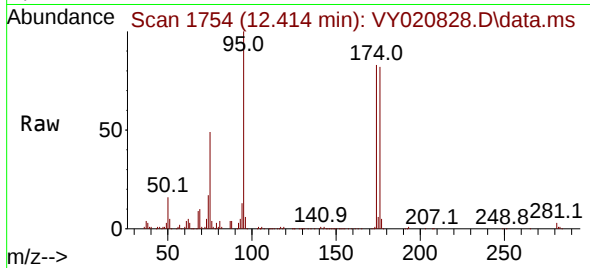




#62
4-Bromofluorobenzene
Concen: 42.587 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

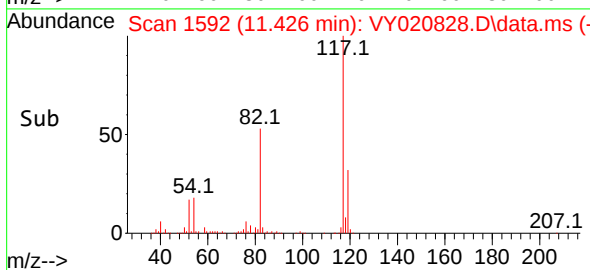
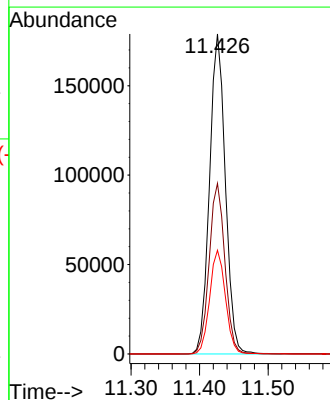
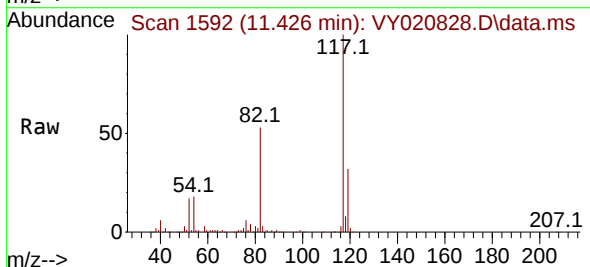
Instrument :
MSVOA_Y
ClientSampleId :

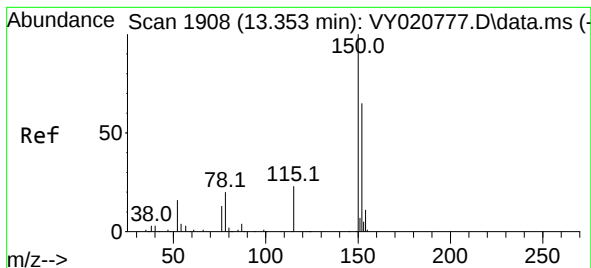
Tgt Ion: 95 Resp: 116478
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.0
176 86.1 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

Tgt Ion: 117 Resp: 287092
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.6
119 32.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020828.D

Acq: 15 Jan 2025 10:25

Instrument :

MSVOA_Y

ClientSampleId :

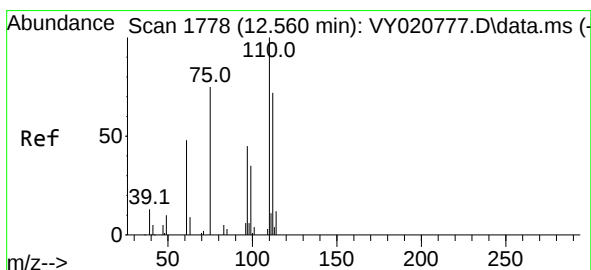
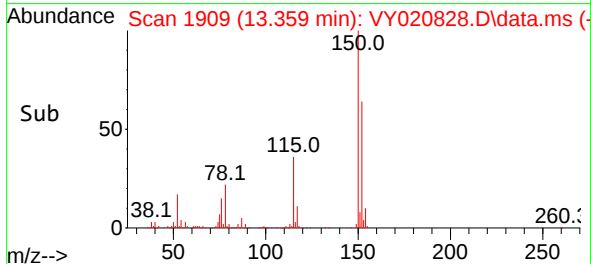
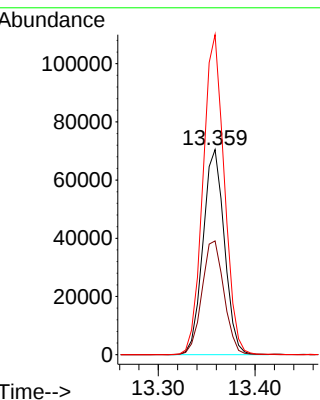
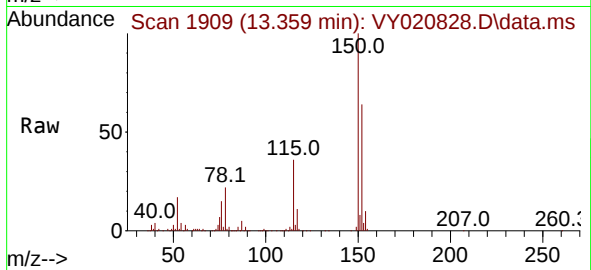
Tgt Ion:152 Resp: 108328

Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

150 155.8 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 61.869 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY020828.D

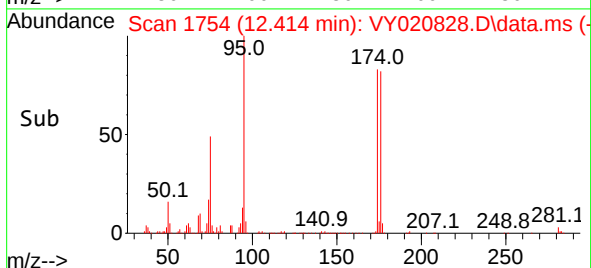
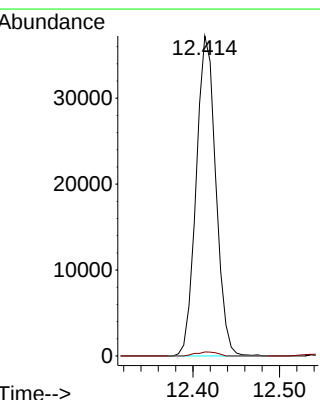
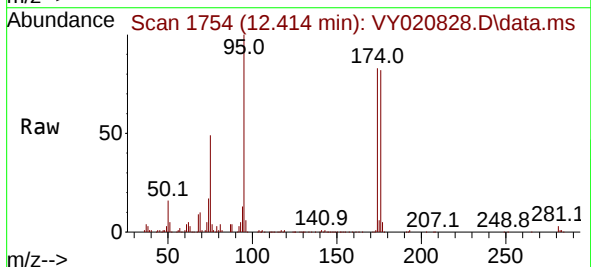
Acq: 15 Jan 2025 10:25

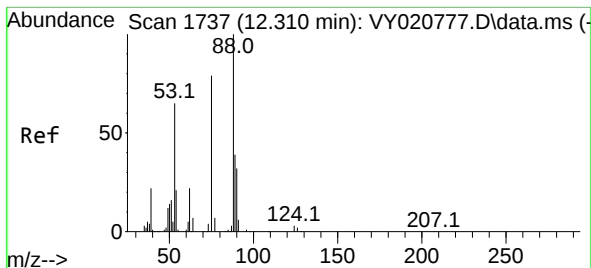
Tgt Ion: 75 Resp: 58642

Ion Ratio Lower Upper

75 100

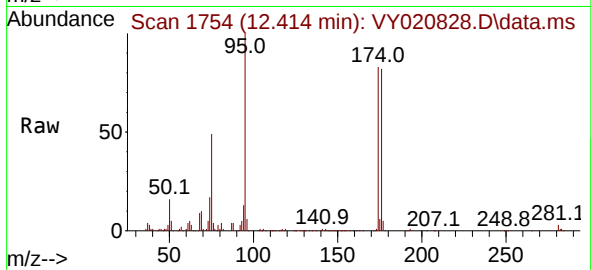
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.452 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020828.D
 Acq: 15 Jan 2025 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.0	39.6	59.4#

