

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020831.D
 Acq On : 15 Jan 2025 12:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 16 00:58:13 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)

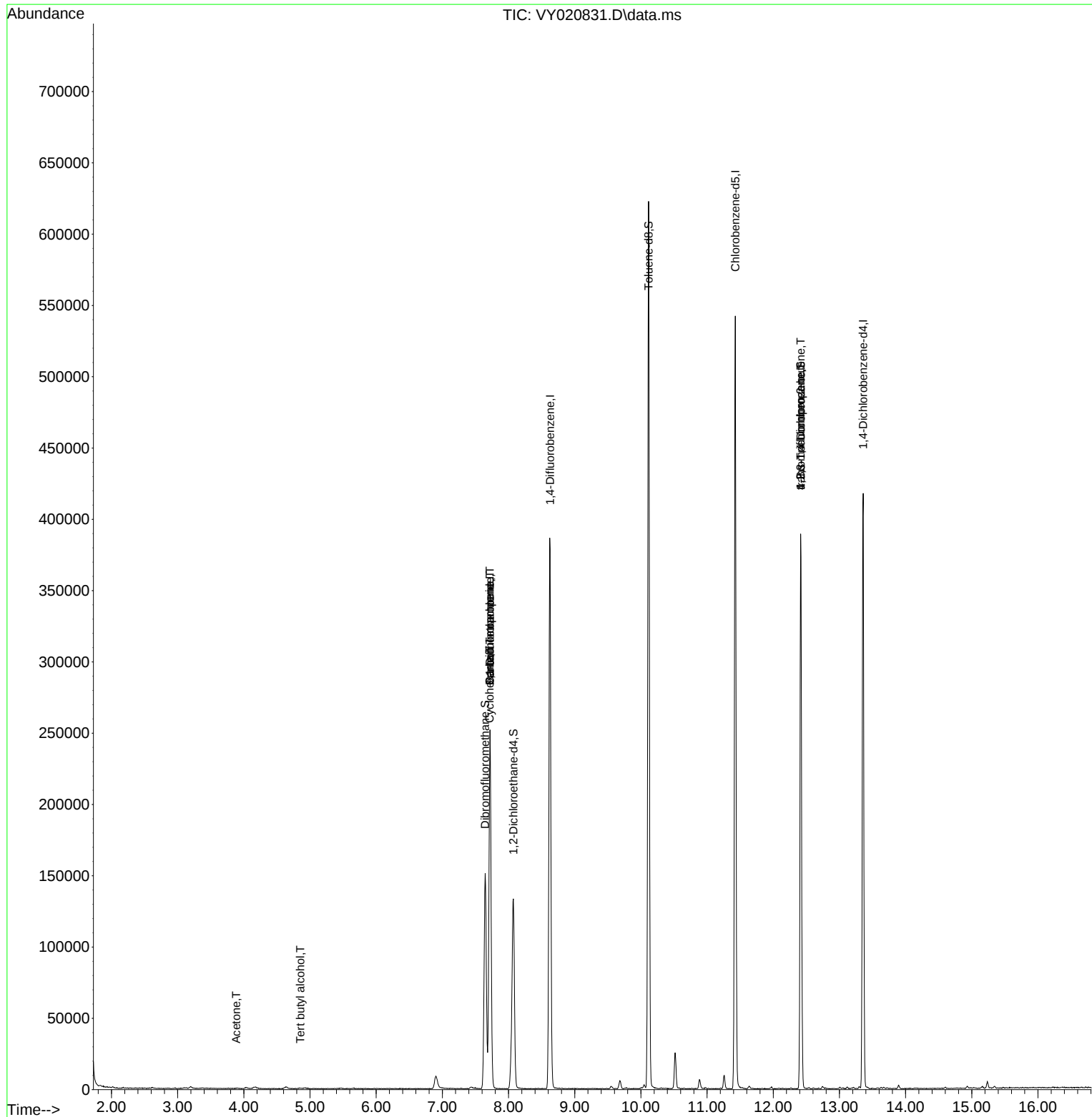
Internal Standards						
1) Pentafluorobenzene	7.719	168	200947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	349203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	296537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	114066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	99550	58.285	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.580%			
35) Dibromofluoromethane	7.646	113	108692	49.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.360%			
50) Toluene-d8	10.115	98	404468	53.035	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.414	95	119901	42.574	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 85.140%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	234	1.813	ug/l #	73
16) Acetone	3.885	43	623	2.565	ug/l	94
31) Cyclohexane	7.713	56	3701	1.489	ug/l #	18
36) 1,1-Dichloropropene	7.719	75	13878	4.973	ug/l #	50
38) Carbon Tetrachloride	7.719	117	19573	5.039	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	61862	61.983	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	61862	130.693	ug/l #	14

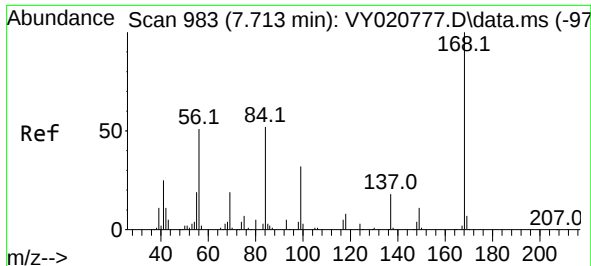
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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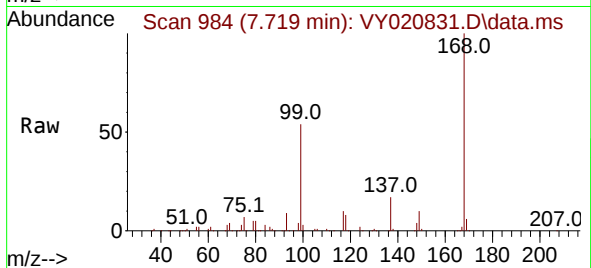
Quant Time: Jan 16 00:58:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration



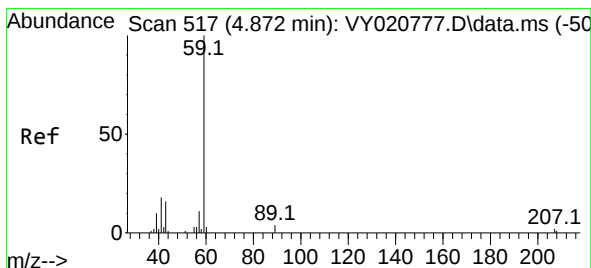
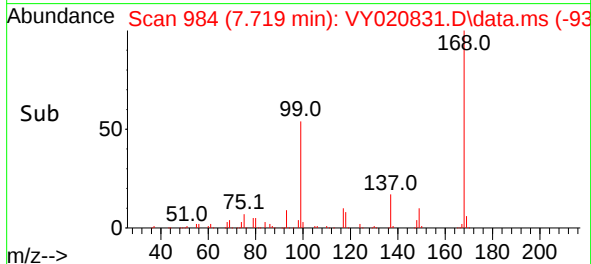
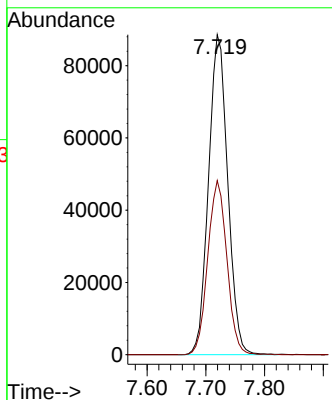


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Instrument :
MSVOA_Y
ClientSampleId :

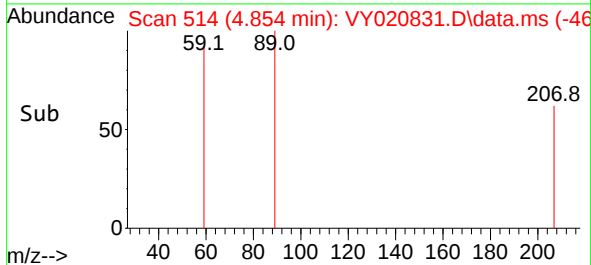
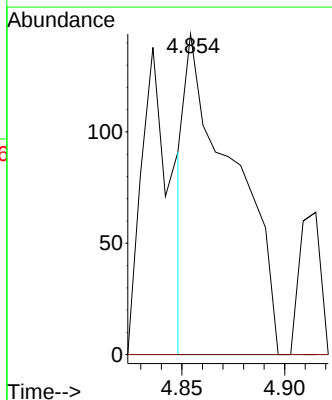
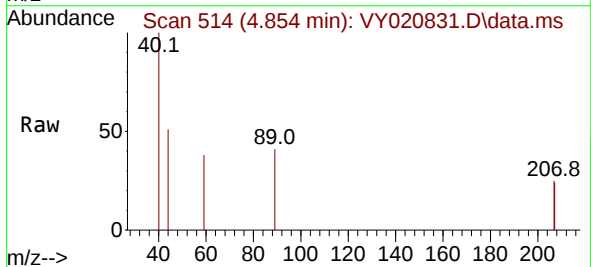


Tgt Ion:168 Resp: 200947
Ion Ratio Lower Upper
168 100
99 54.4 44.3 66.5



#11
Tert butyl alcohol
Concen: 1.813 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 2.565 ug/l

RT: 3.885 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY020831.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_Y

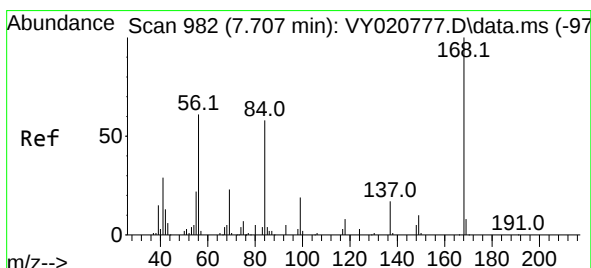
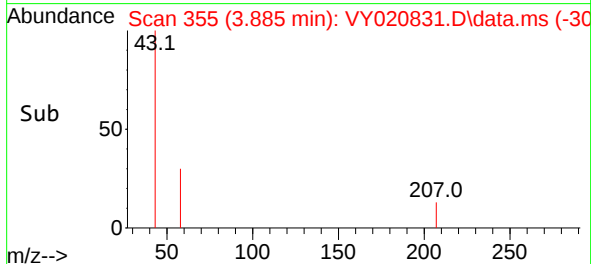
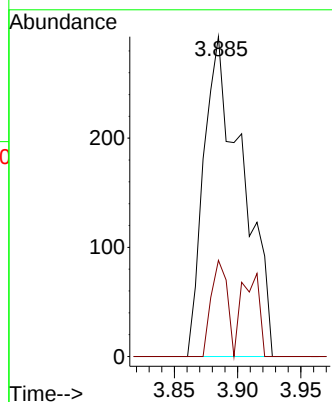
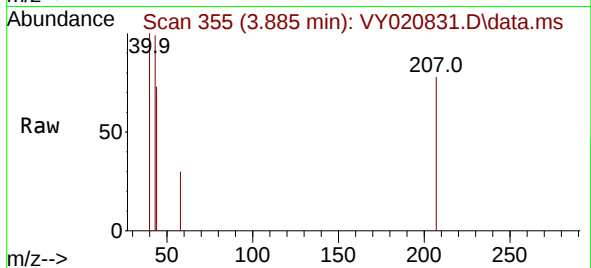
ClientSampleId :

Tgt Ion: 43 Resp: 623

Ion Ratio Lower Upper

43 100

58 30.0 26.7 40.1



#31

Cyclohexane

Concen: 1.489 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.006 min

Lab File: VY020831.D

Acq: 15 Jan 2025 12:14

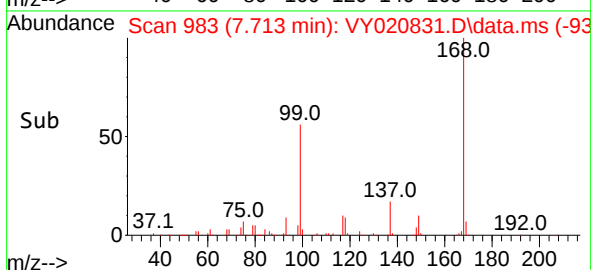
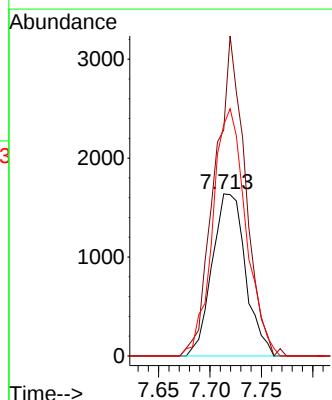
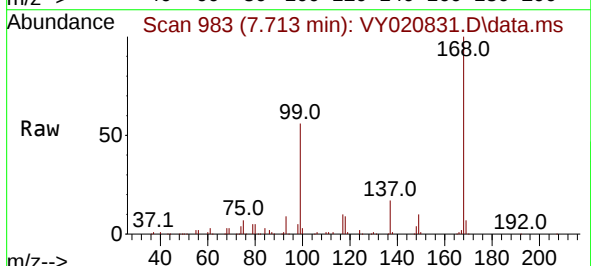
Tgt Ion: 56 Resp: 3701

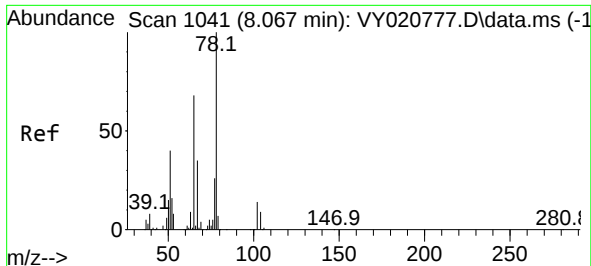
Ion Ratio Lower Upper

56 100

69 139.5 30.5 45.7#

84 142.6 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 58.285 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020831.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_Y

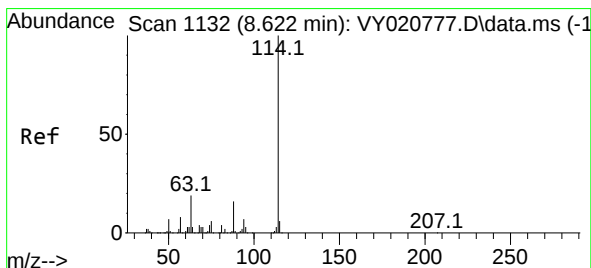
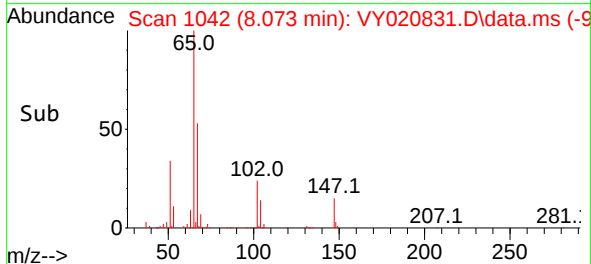
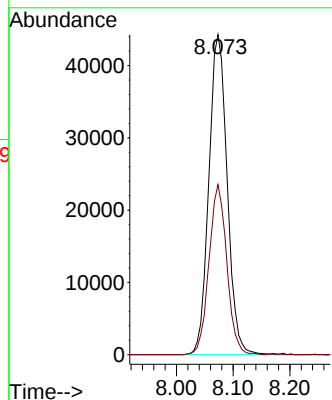
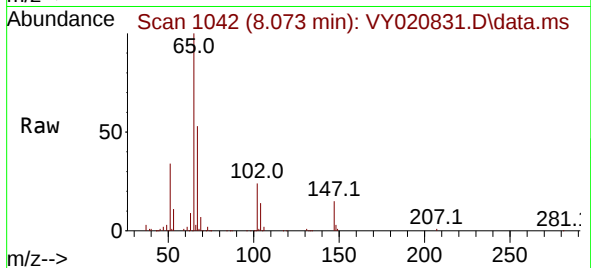
ClientSampleId :

Tgt Ion: 65 Resp: 99550

Ion Ratio Lower Upper

65 100

67 51.7 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: VY020831.D

Acq: 15 Jan 2025 12:14

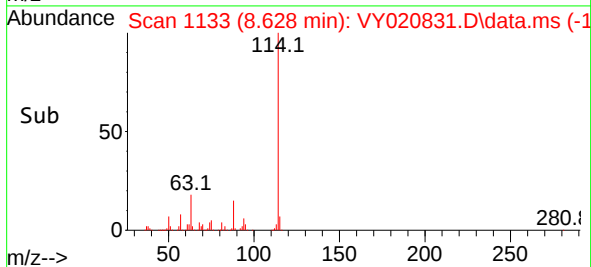
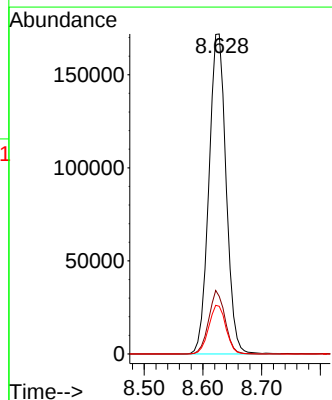
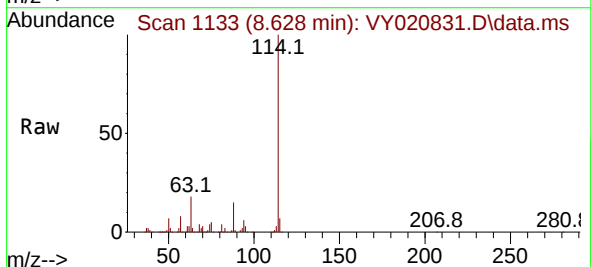
Tgt Ion: 114 Resp: 349203

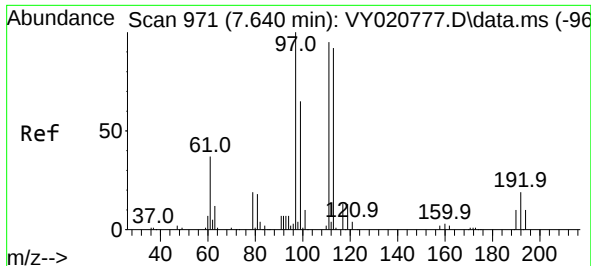
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

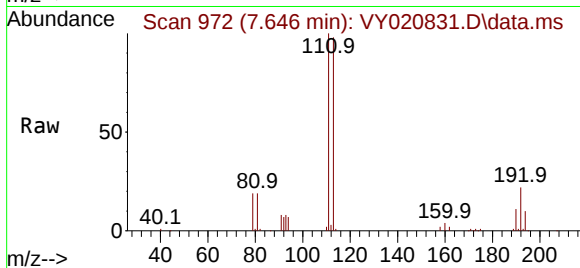
88 14.9 0.0 31.2



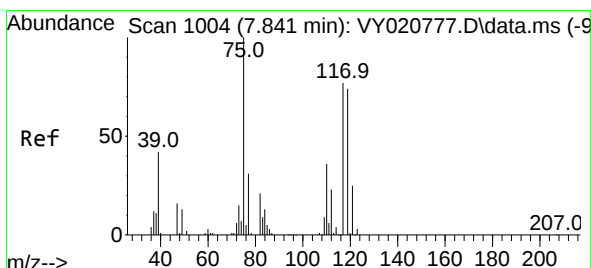
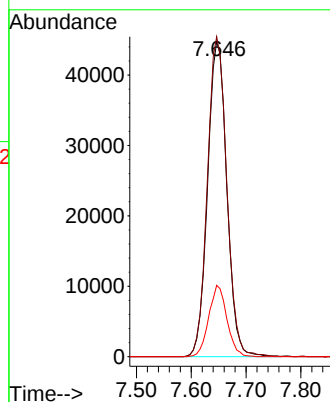
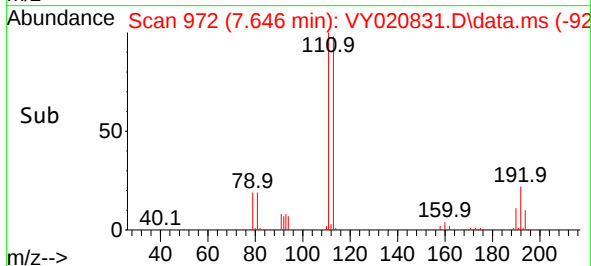


#35
Dibromofluoromethane
Concen: 49.683 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Instrument :
MSVOA_Y
ClientSampleId :

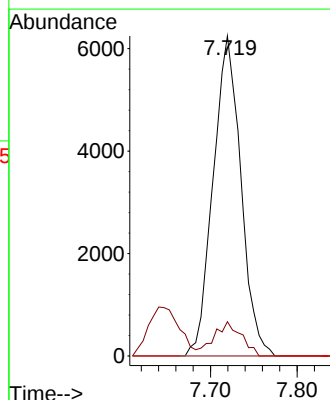
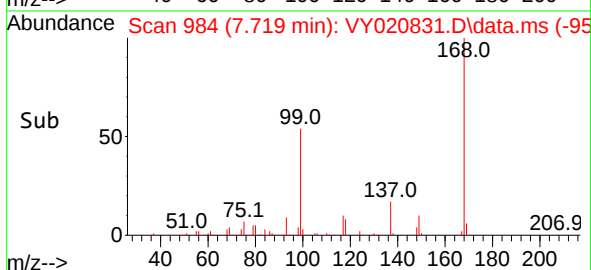
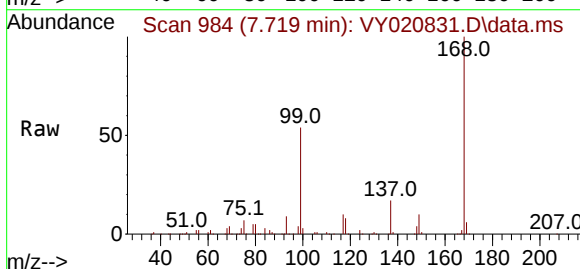


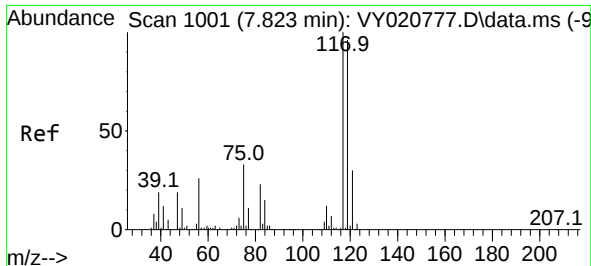
Tgt Ion:113 Resp: 108692
Ion Ratio Lower Upper
113 100
111 102.4 81.7 122.5
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

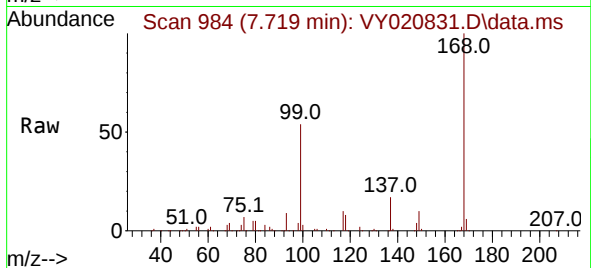
Tgt Ion: 75 Resp: 13878
Ion Ratio Lower Upper
75 100
110 10.6 18.5 55.5#
77 0.0 25.0 37.4#



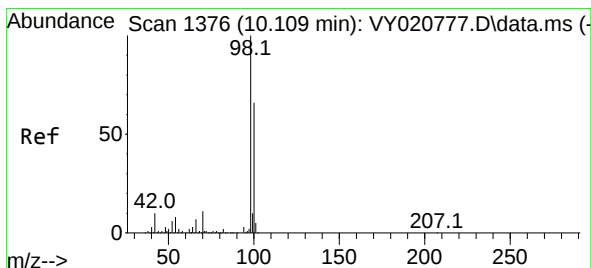
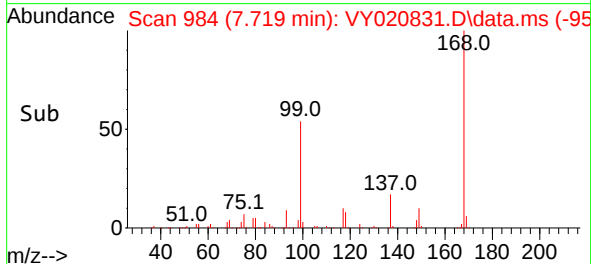
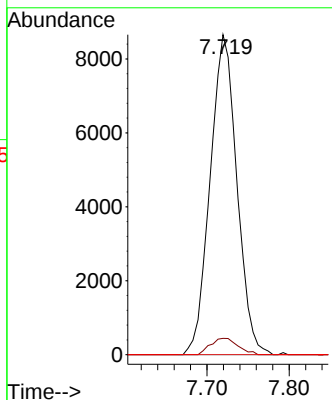


#38
Carbon Tetrachloride
Concen: 5.039 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Instrument :
MSVOA_Y
ClientSampleId :

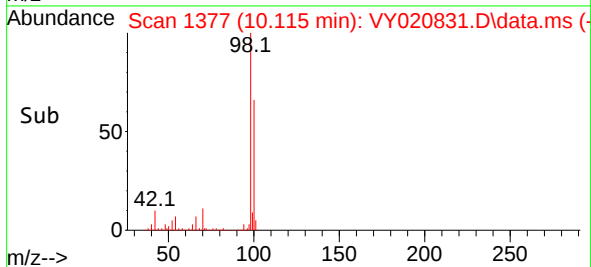
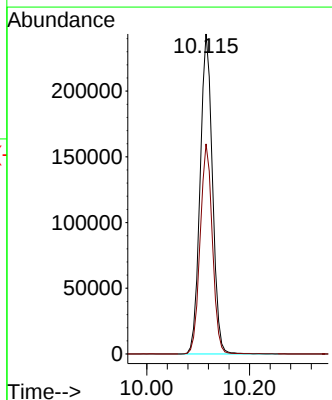
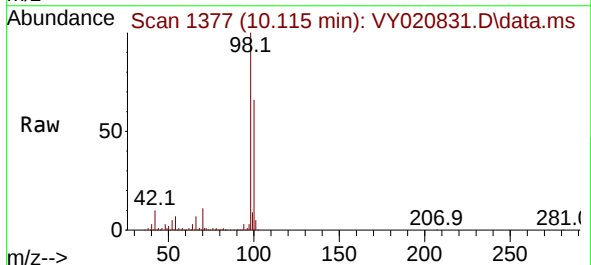


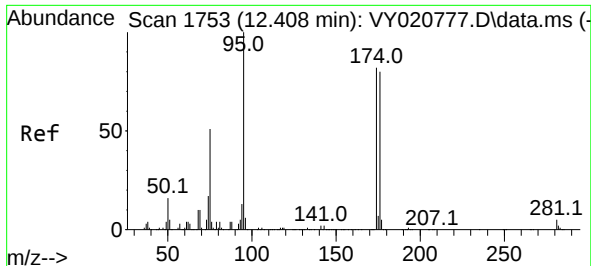
Tgt Ion:117 Resp: 19573
Ion Ratio Lower Upper
117 100
119 5.1 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 53.035 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 98 Resp: 404468
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

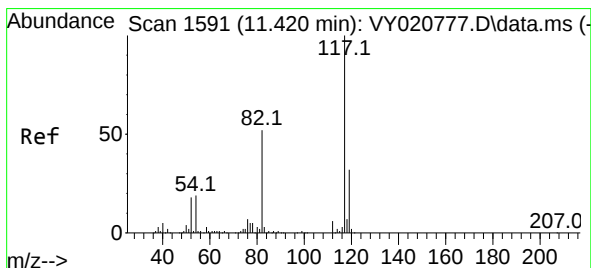
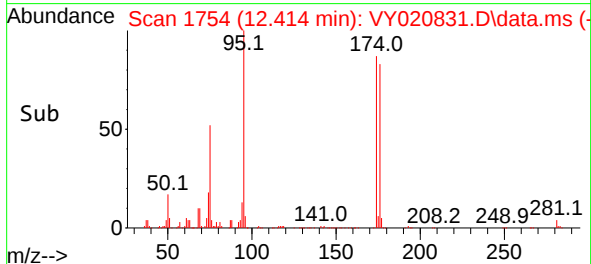
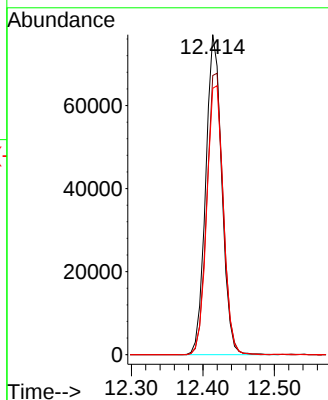
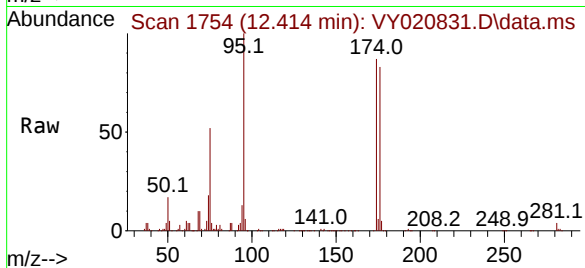




#62
4-Bromofluorobenzene
Concen: 42.574 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

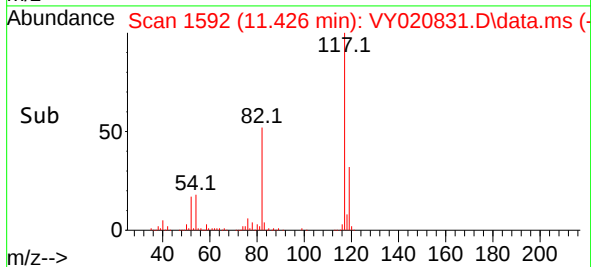
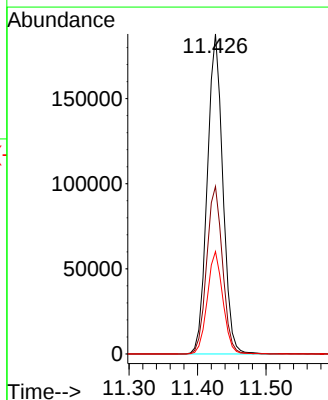
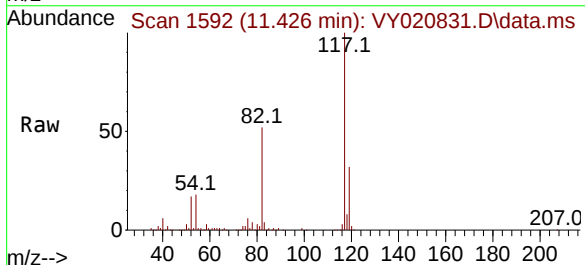
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MSVOA_Y
ClientSampleId :

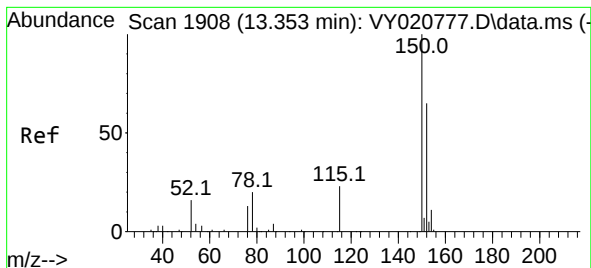
Tgt Ion: 95 Resp: 119901
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.0
176 86.9 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 117 Resp: 296537
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.6
119 32.0 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: VY020831.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_Y

ClientSampleId :

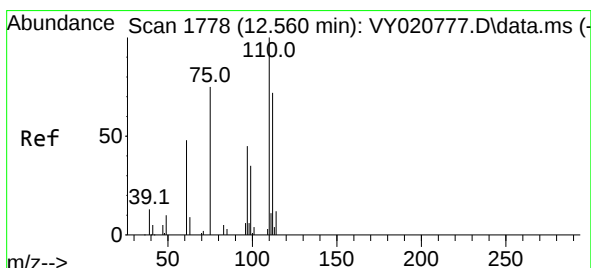
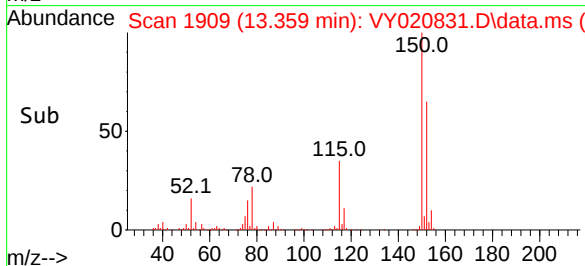
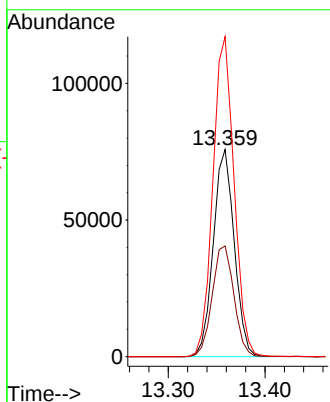
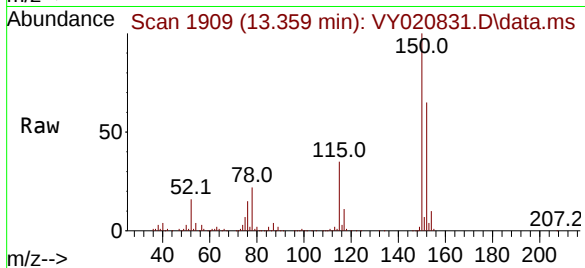
Tgt Ion:152 Resp: 114066

Ion Ratio Lower Upper

152 100

115 55.6 29.0 87.0

150 156.2 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 61.983 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY020831.D

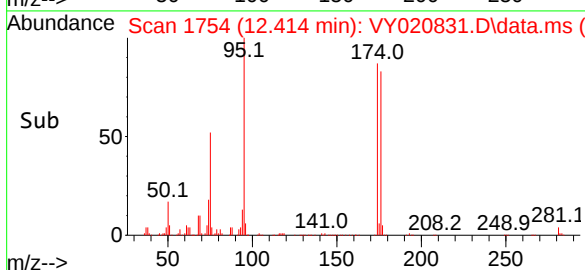
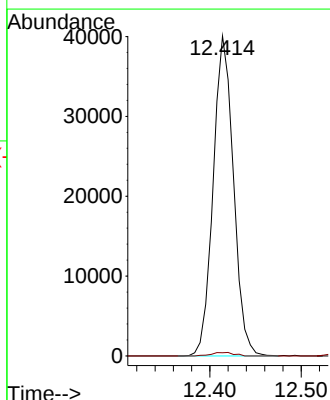
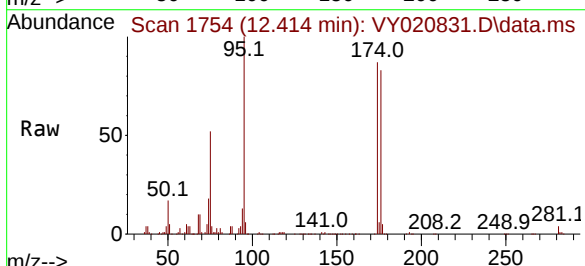
Acq: 15 Jan 2025 12:14

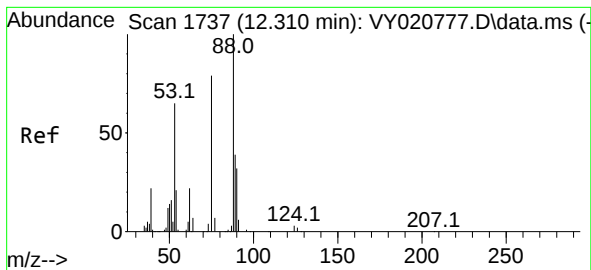
Tgt Ion: 75 Resp: 61862

Ion Ratio Lower Upper

75 100

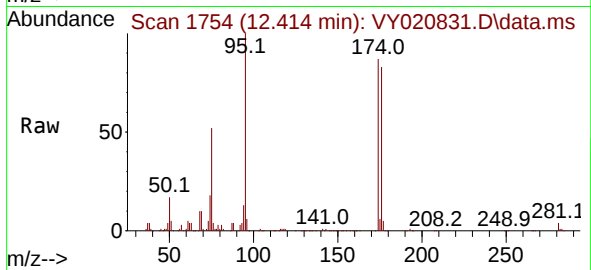
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.693 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020831.D
 Acq: 15 Jan 2025 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61862
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.0 39.6 59.4#

