

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
 Data File : VY023287.D
 Acq On : 04 Sep 2025 15:51
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 05 04:26:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

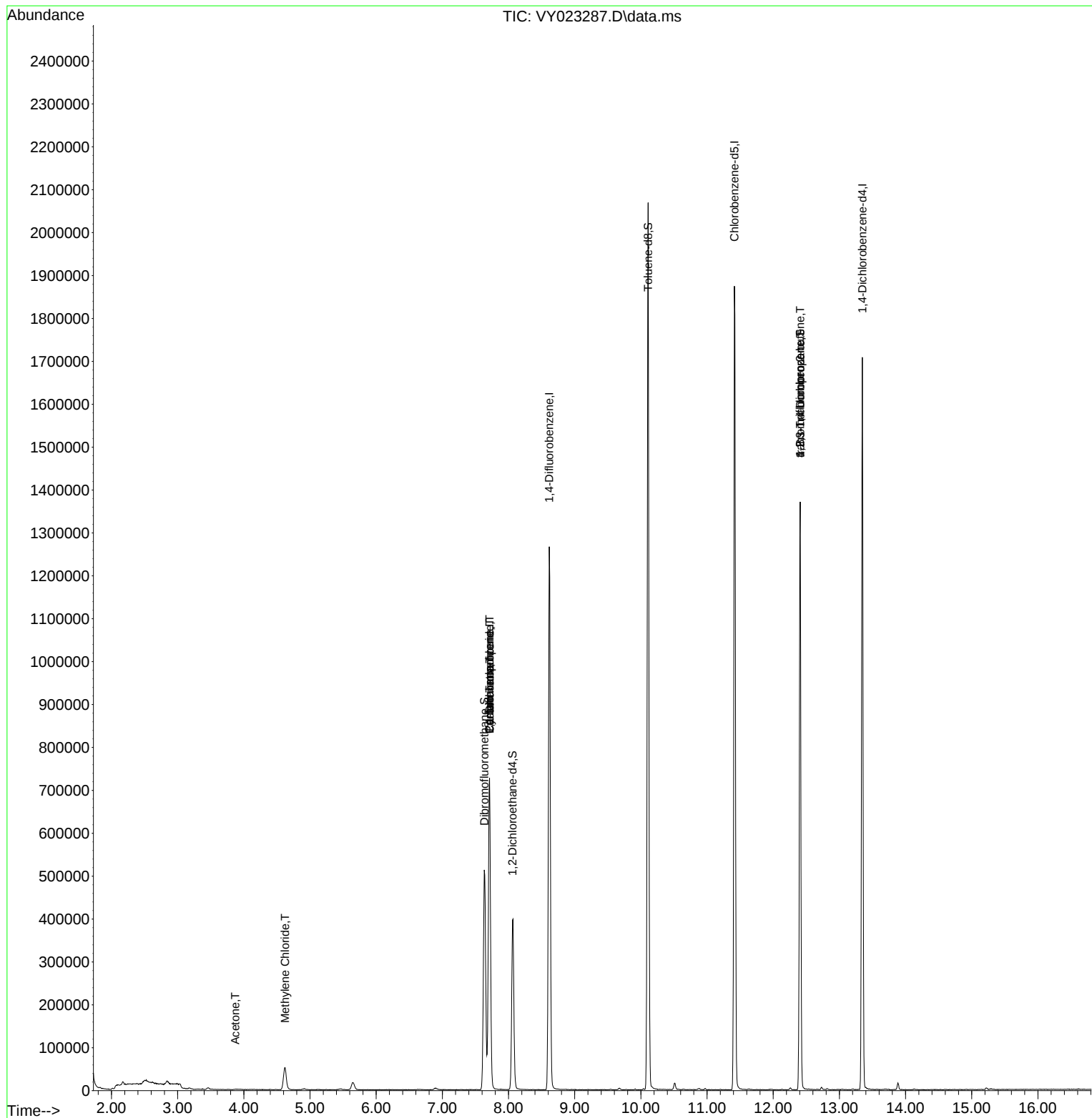
Internal Standards						
1) Pentafluorobenzene	7.713	168	591630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1137682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1037980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	438226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	316230	56.083	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.160%			
35) Dibromofluoromethane	7.634	113	372001	54.646	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.300%			
50) Toluene-d8	10.109	98	1362297	51.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.408	95	406065	47.478	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.960%			
Target Compounds					Qvalue	
16) Acetone	3.872	43	1236	1.012	ug/l	92
20) Methylene Chloride	4.622	84	41119	3.976	ug/l	90
31) Cyclohexane	7.713	56	11055	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	42508	4.202	ug/l #	50
38) Carbon Tetrachloride	7.713	117	56756	5.165	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	207307	49.016	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	207307	118.653	ug/l #	14

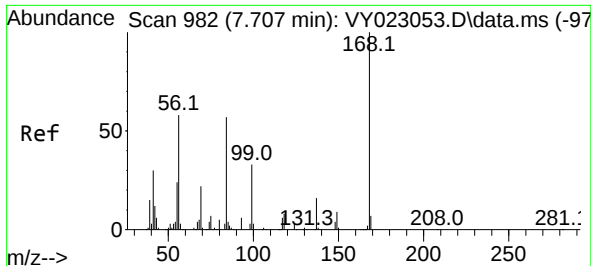
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
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Quant Time: Sep 05 04:26:08 2025
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

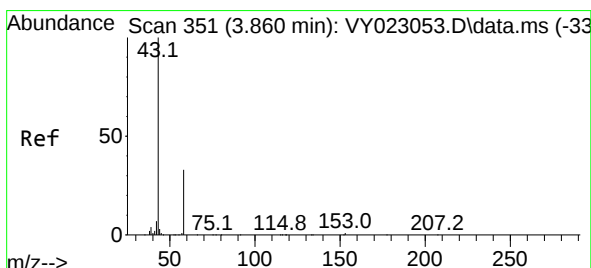
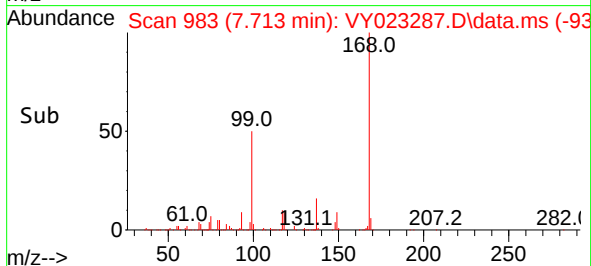
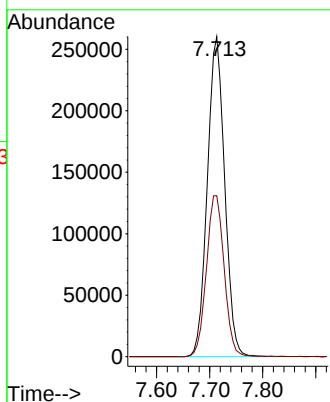
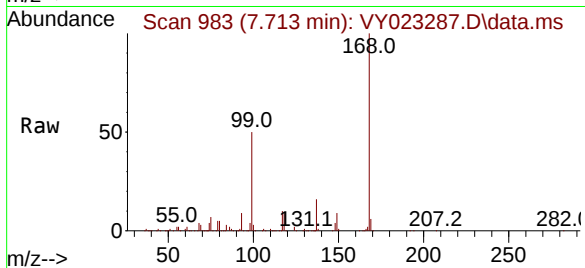




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

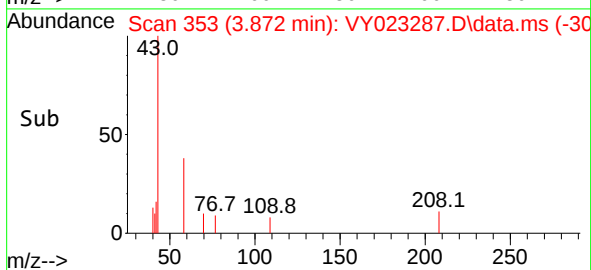
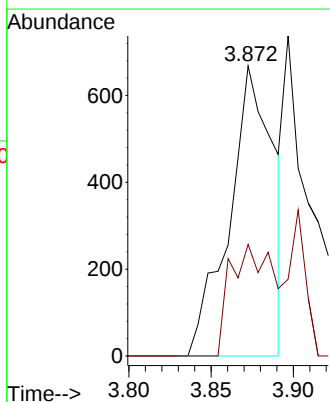
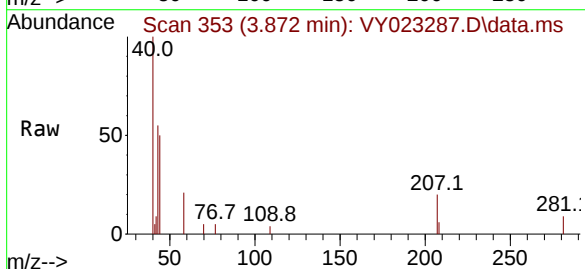
Instrument :
MSVOA_Y
ClientSampleId :

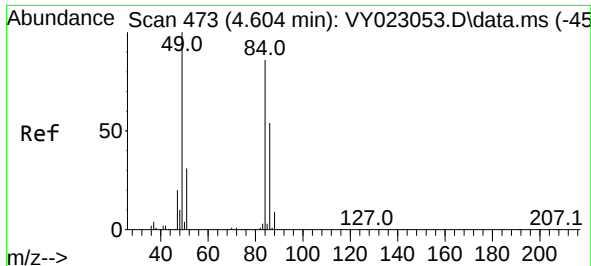
Tgt Ion:168 Resp: 591630
Ion Ratio Lower Upper
168 100
99 50.3 42.8 64.2



#16
Acetone
Concen: 1.012 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

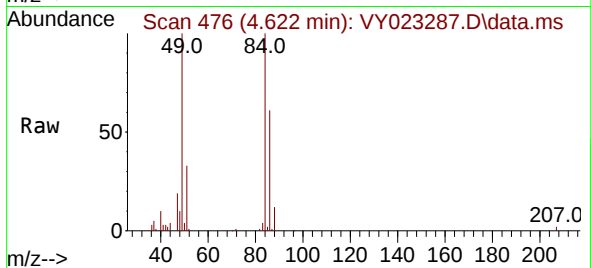
Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 38.5 27.1 40.7



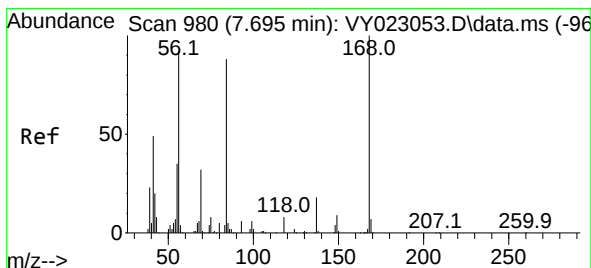
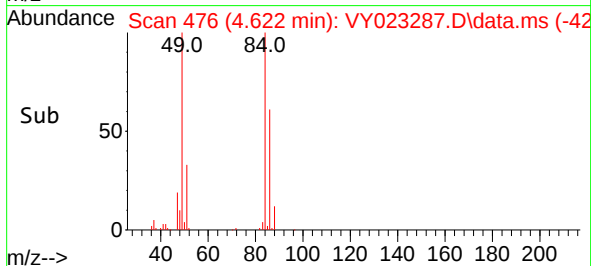
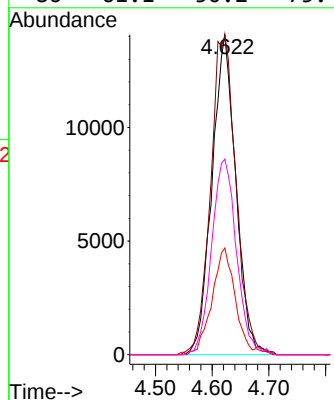


#20
Methylene Chloride
Concen: 3.976 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :

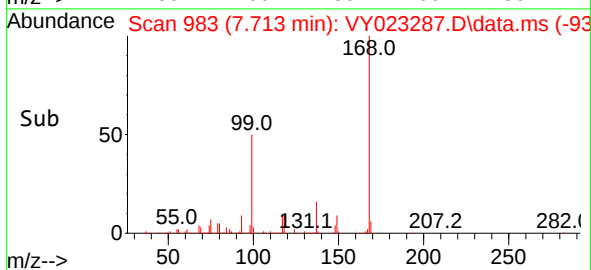
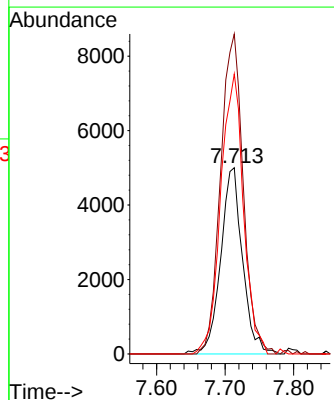
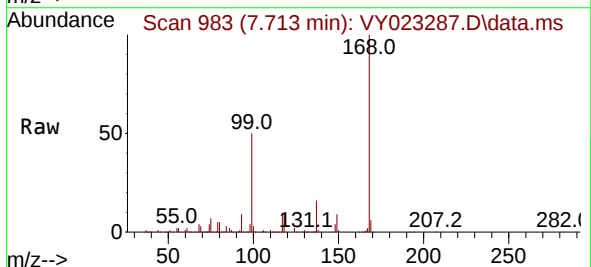


Tgt Ion:	84	Resp:	41119
Ion	Ratio	Lower	Upper
84	100		
49	99.7	93.0	139.6
51	33.3	29.0	43.4
86	61.1	50.2	75.4



#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

Tgt Ion:	56	Resp:	11055
Ion	Ratio	Lower	Upper
56	100		
69	171.9	28.2	42.2#
84	150.3	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 56.083 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023287.D

Acq: 04 Sep 2025 15:51

Instrument :

MSVOA_Y

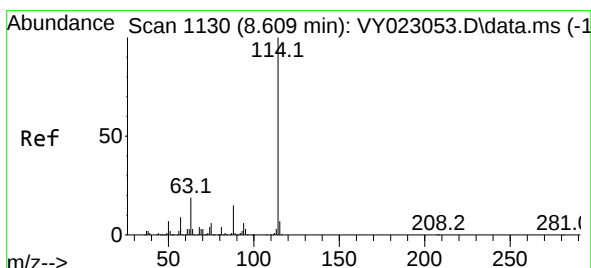
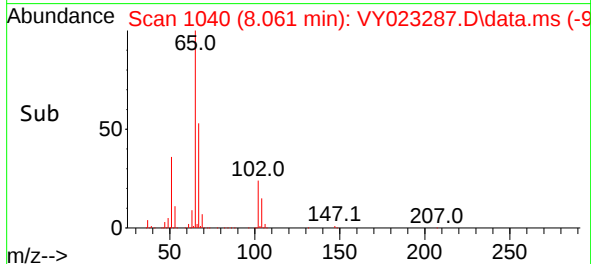
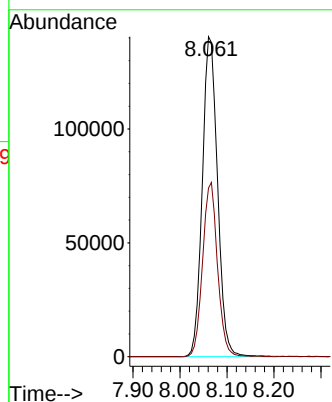
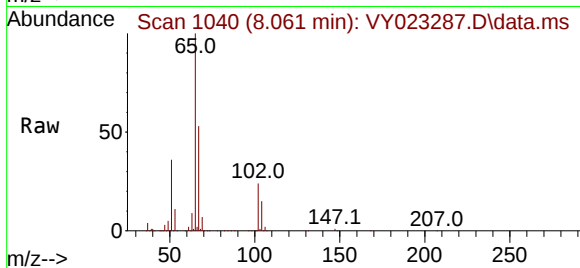
ClientSampleId :

Tgt Ion: 65 Resp: 316230

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023287.D

Acq: 04 Sep 2025 15:51

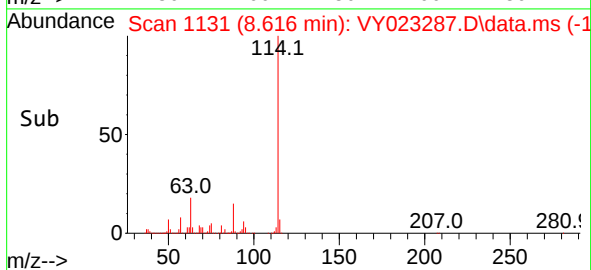
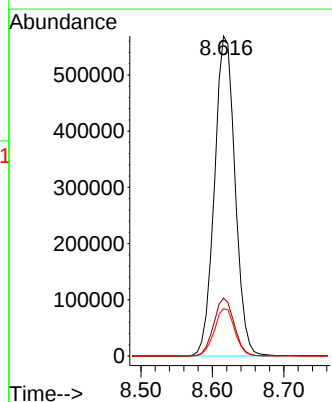
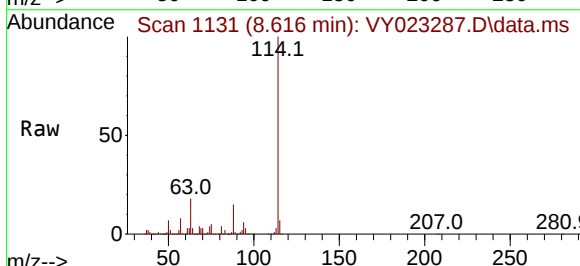
Tgt Ion: 114 Resp: 1137682

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 14.8 0.0 30.0

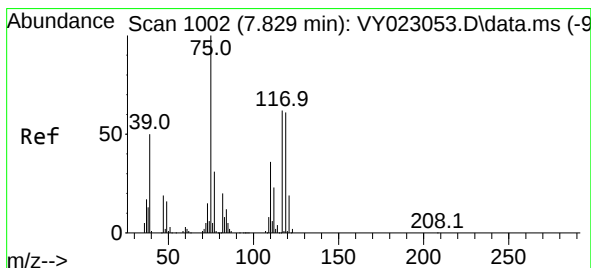
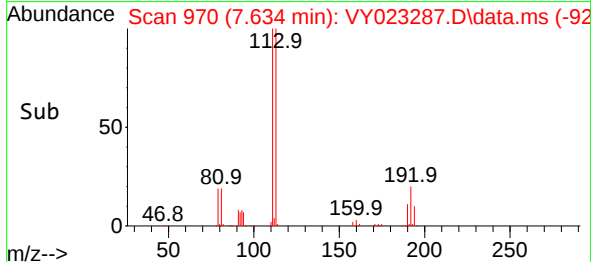
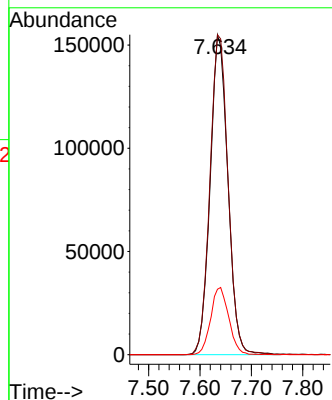
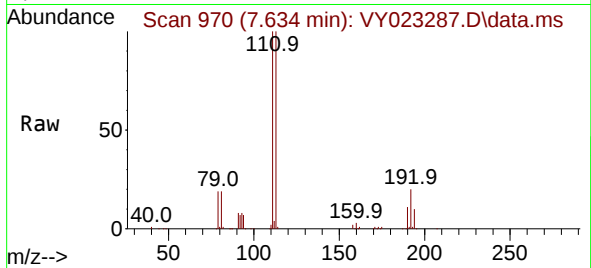




#35
Dibromofluoromethane
Concen: 54.646 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

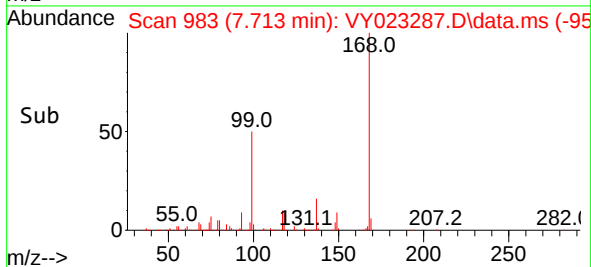
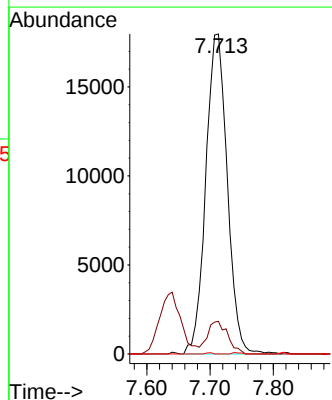
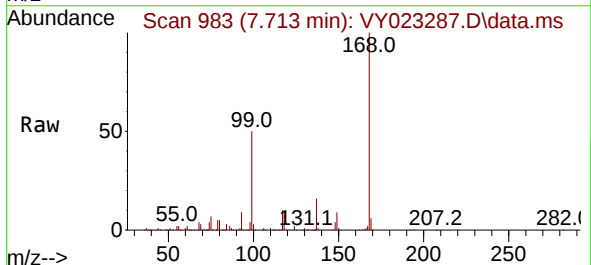
Instrument :
MSVOA_Y
ClientSampleId :

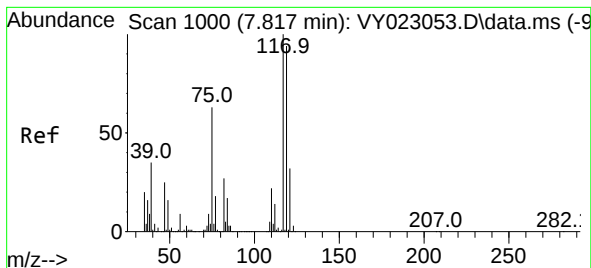
Tgt Ion:113 Resp: 372001
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 21.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.202 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

Tgt Ion: 75 Resp: 42508
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.1 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.165 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.104 min

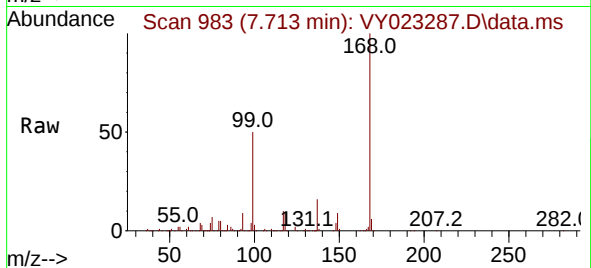
Lab File: VY023287.D

Acq: 04 Sep 2025 15:51

Instrument :

MSVOA_Y

ClientSampleId :



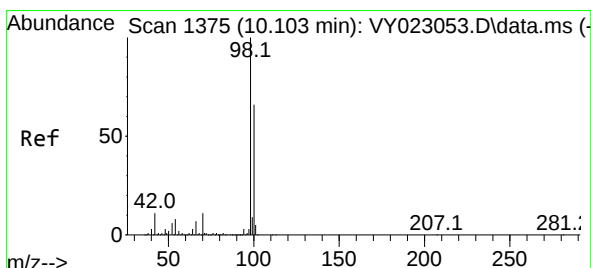
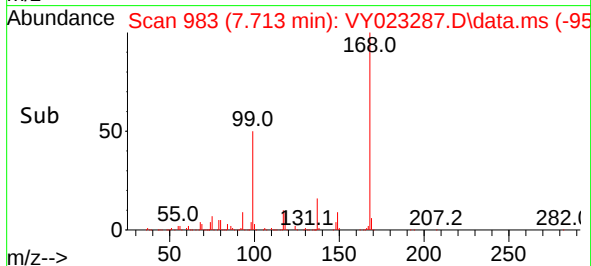
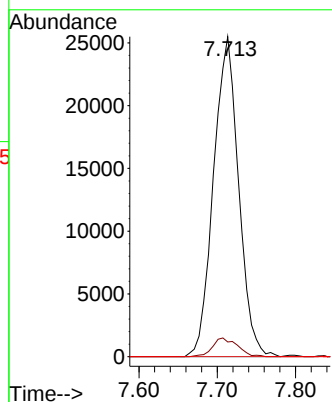
Tgt Ion:117 Resp: 56756

Ion Ratio Lower Upper

117 100

119 4.6 75.6 113.4#

121 0.0 25.8 38.8#



#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023287.D

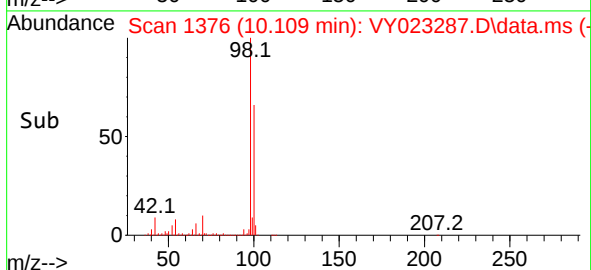
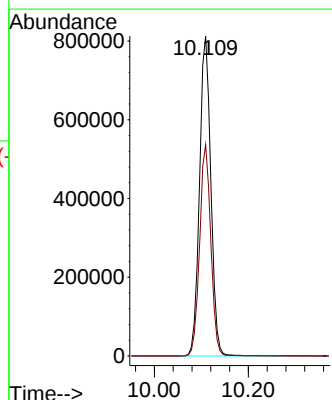
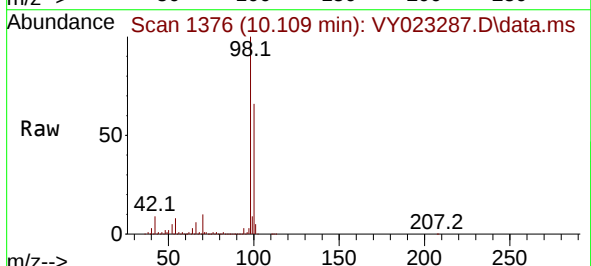
Acq: 04 Sep 2025 15:51

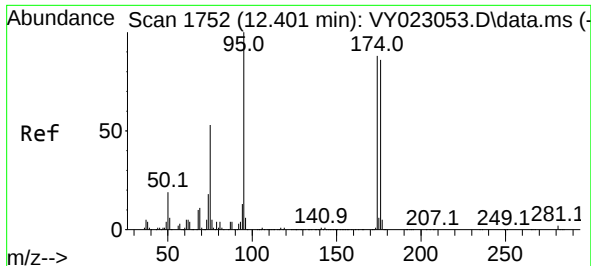
Tgt Ion: 98 Resp: 1362297

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

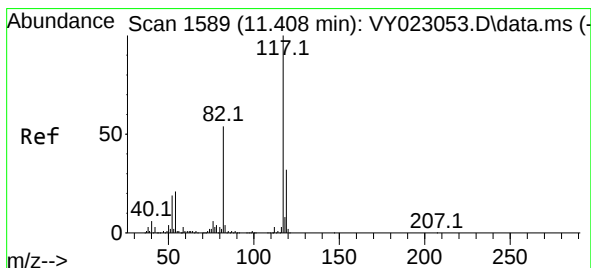
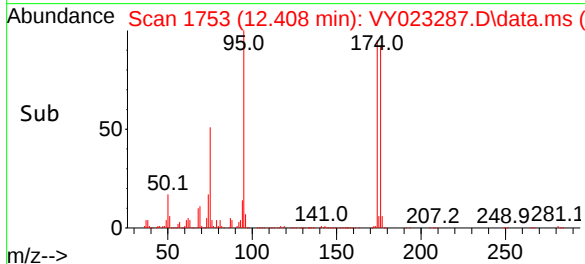
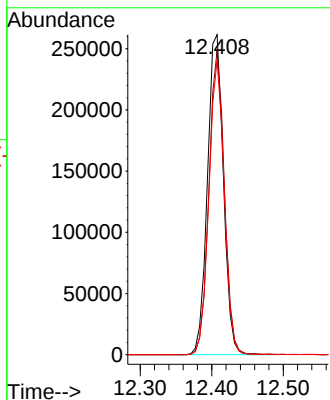
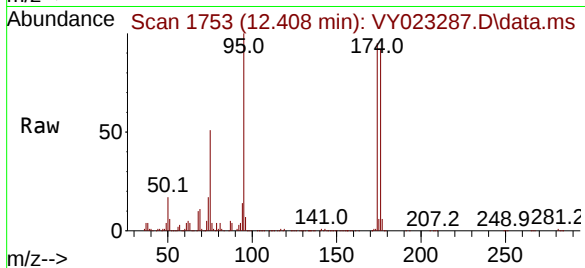




#62
4-Bromofluorobenzene
Concen: 47.478 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

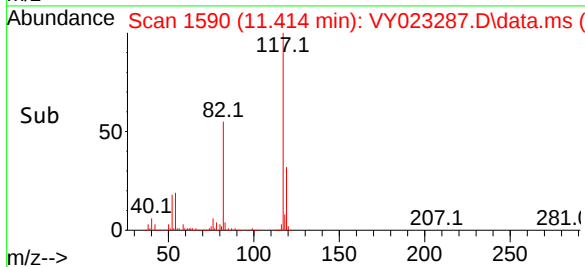
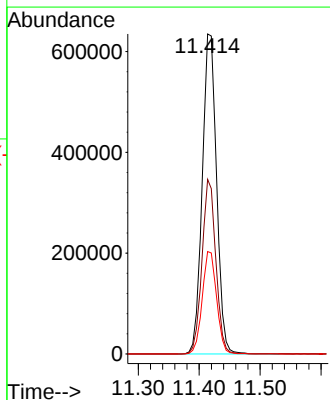
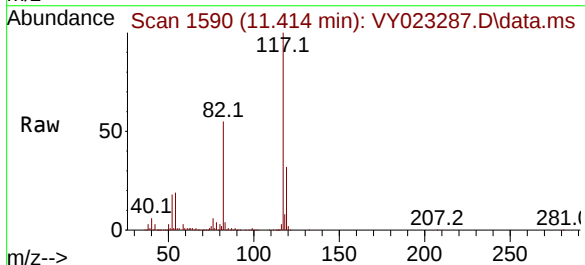
Instrument :
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ClientSampleId :

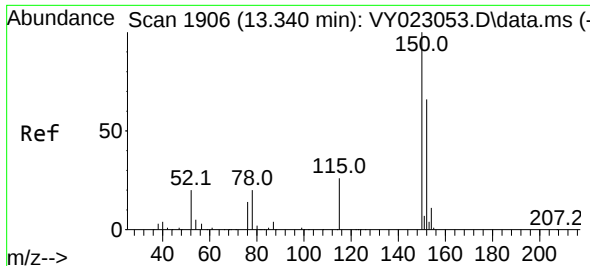
Tgt Ion: 95 Resp: 406065
Ion Ratio Lower Upper
95 100
174 91.9 0.0 171.6
176 88.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

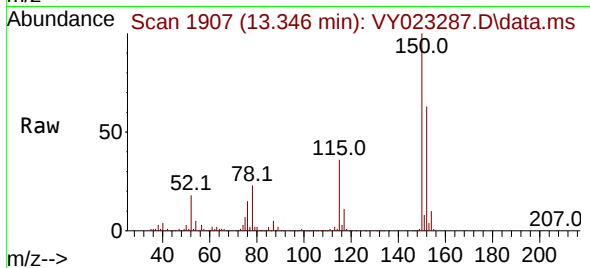
Tgt Ion: 117 Resp: 1037980
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.0 25.6 38.4



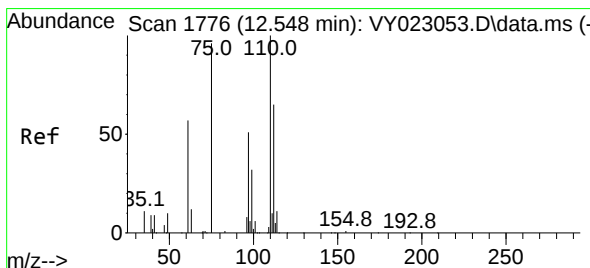
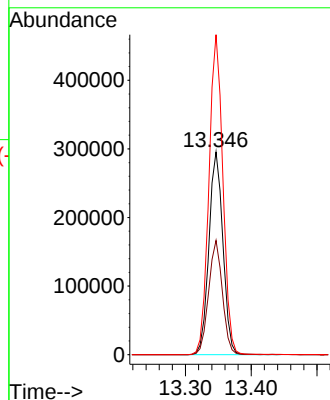
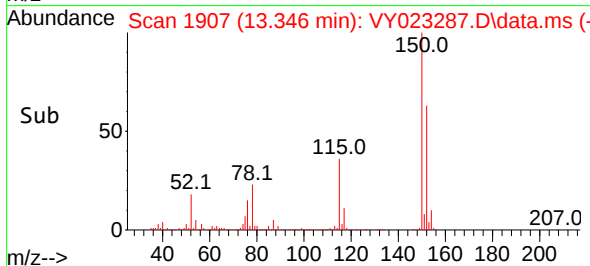


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY023287.D
 Acq: 04 Sep 2025 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :

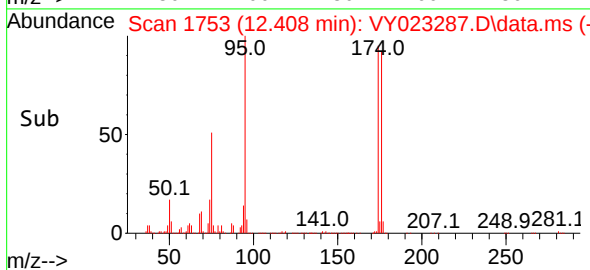
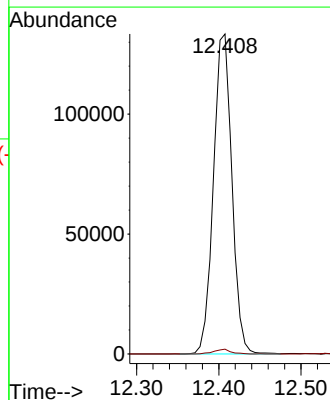
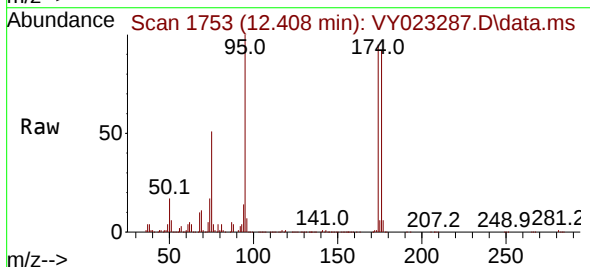


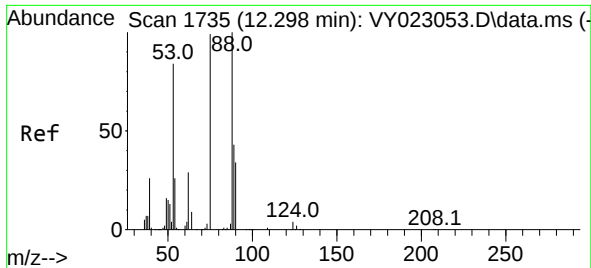
Tgt Ion:152 Resp: 438226
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.6
 150 157.4 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 49.016 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.140 min
 Lab File: VY023287.D
 Acq: 04 Sep 2025 15:51

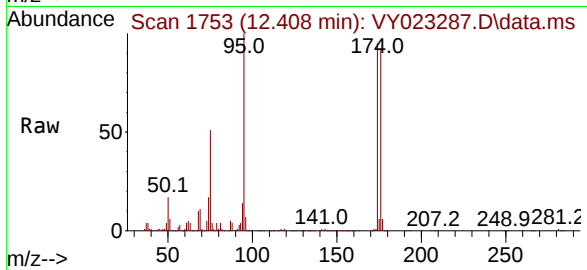
Tgt Ion: 75 Resp: 207307
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.653 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY023287.D
Acq: 04 Sep 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.8	106.2#
89	0.0	38.1	57.1#

