

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022628.D
 Acq On : 09 Jun 2025 14:23
 Operator : SY/MD
 Sample : Q2246-02
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-060525

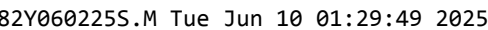
Quant Time: Jun 10 01:29:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

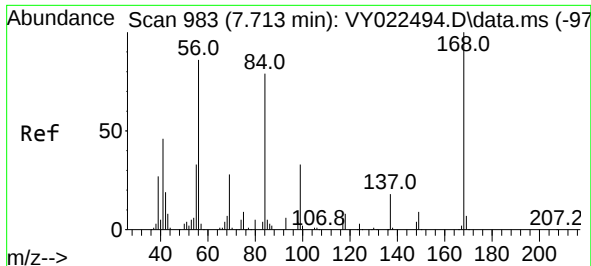
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	289652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	543023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	436928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	160889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	154729	47.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.640	113	159694	49.270	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.540%		
50) Toluene-d8	10.109	98	662555	50.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.180%		
62) 4-Bromofluorobenzene	12.408	95	163794	41.976	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.960%		
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	2546	3.870	ug/l #	63
20) Methylene Chloride	4.610	84	6299	1.685	ug/l #	74
31) Cyclohexane	7.707	56	8580	1.378	ug/l #	52
36) 1,1-Dichloropropene	7.707	75	26859	5.106	ug/l #	50
38) Carbon Tetrachloride	7.707	117	30985	5.742	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	97624	53.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	97624	128.084	ug/l #	11

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

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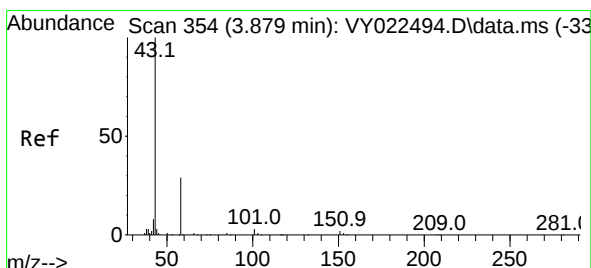
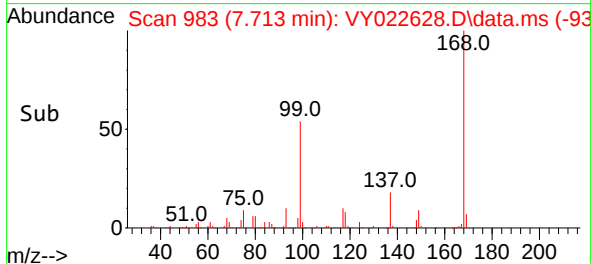
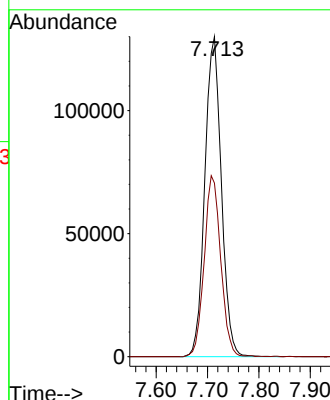
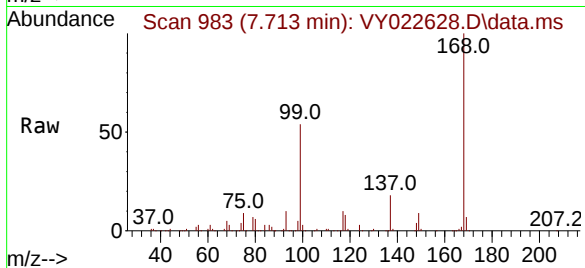




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

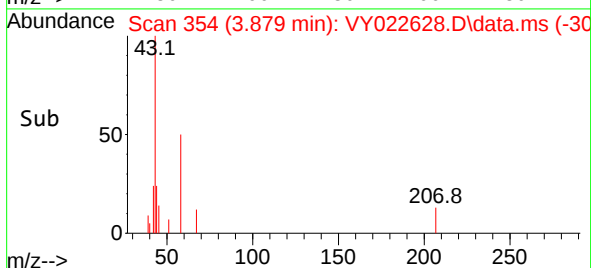
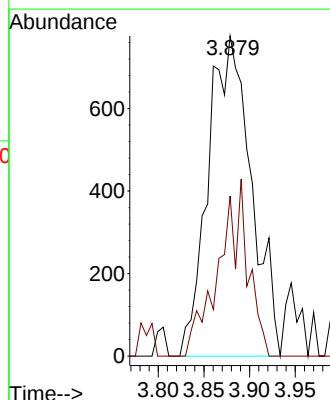
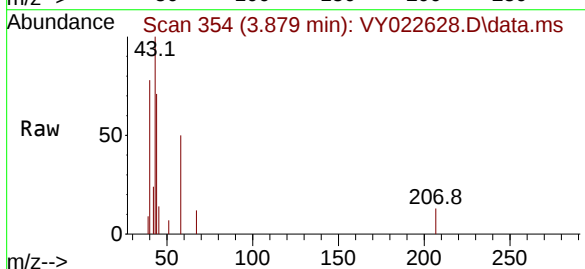
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-060525

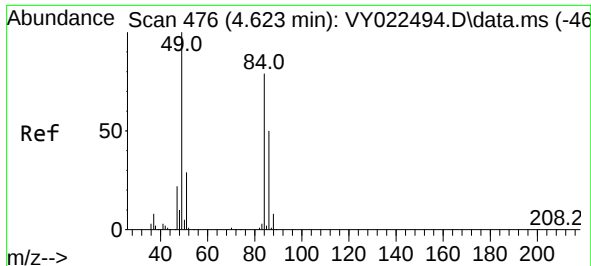
Tgt Ion:168 Resp: 289652
Ion Ratio Lower Upper
168 100
99 54.3 44.3 66.5



#16
Acetone
Concen: 3.870 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
58 50.0 24.0 36.0#

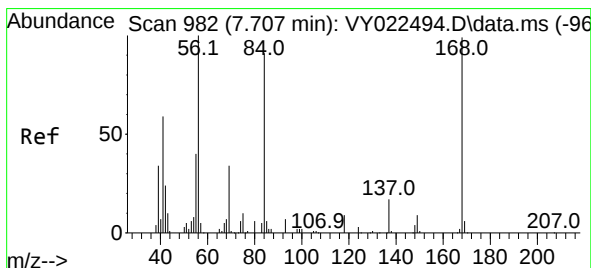
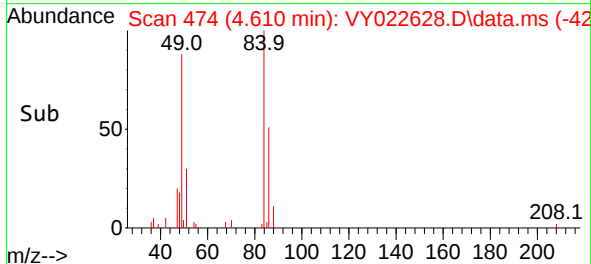
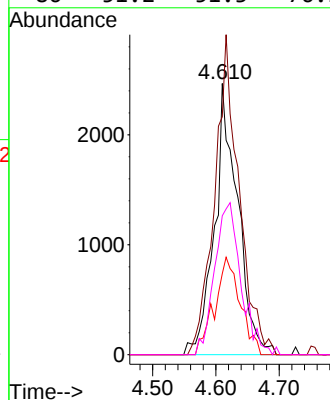
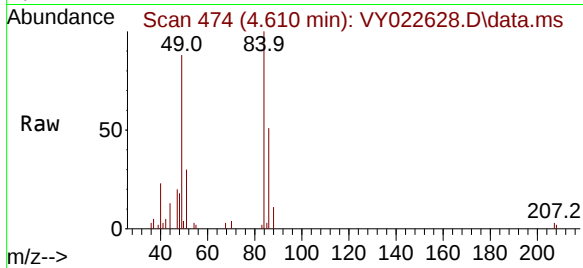




#20
Methylene Chloride
Concen: 1.685 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

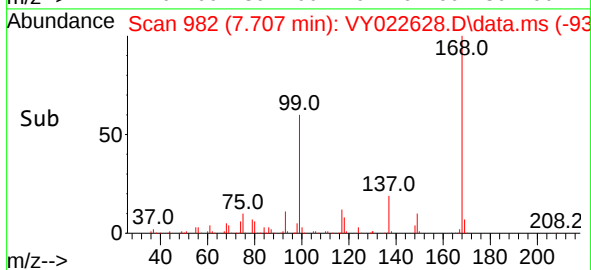
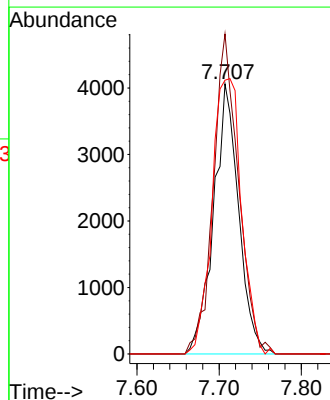
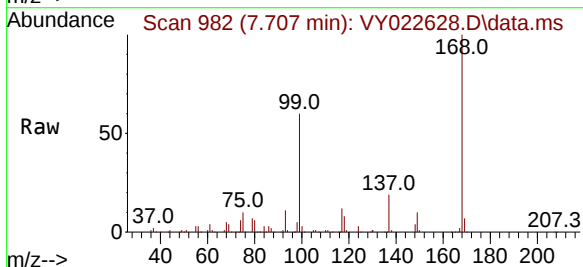
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BU-03-060525

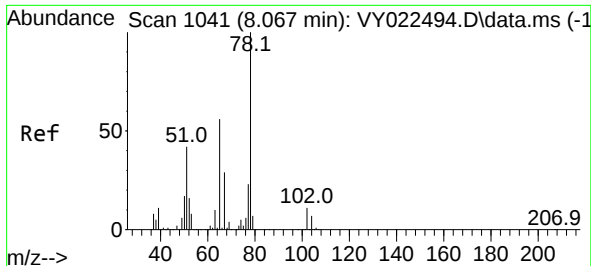
Tgt Ion:	84	Resp:	6299
Ion	Ratio	Lower	Upper
84	100		
49	87.7	101.9	152.9#
51	29.9	29.8	44.8
86	51.2	51.3	76.9#



#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

Tgt Ion:	56	Resp:	8580
Ion	Ratio	Lower	Upper
56	100		
69	118.5	27.0	40.6#
84	101.3	72.6	109.0





#33

1,2-Dichloroethane-d4

Concen: 47.762 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022628.D

Acq: 09 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

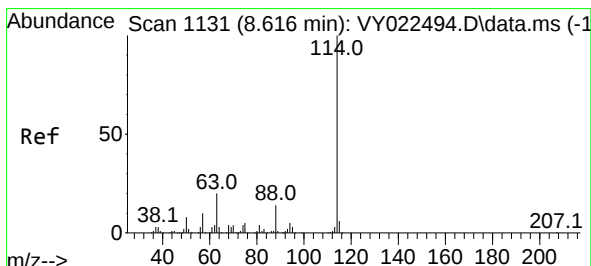
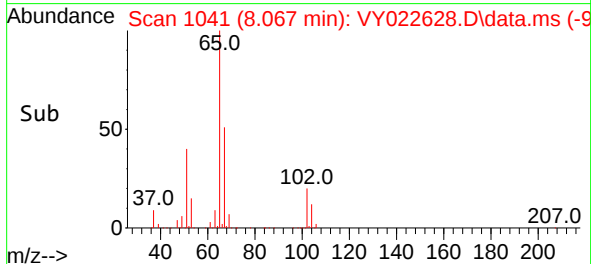
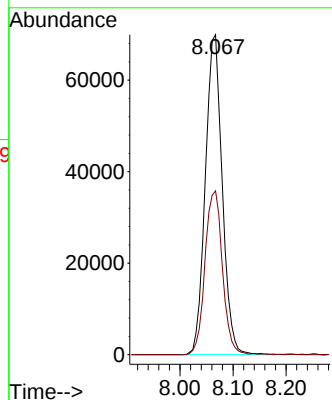
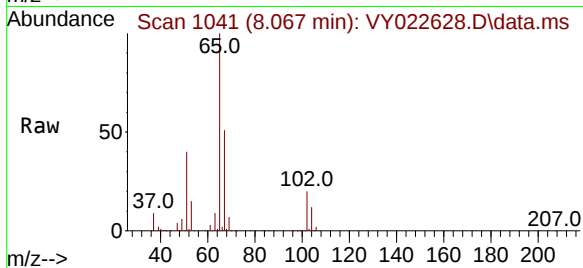
BU-03-060525

Tgt Ion: 65 Resp: 154729

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022628.D

Acq: 09 Jun 2025 14:23

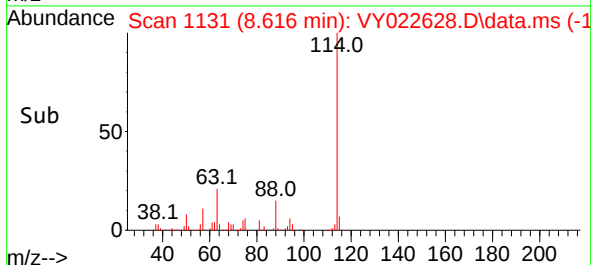
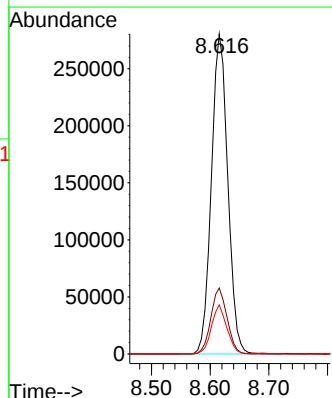
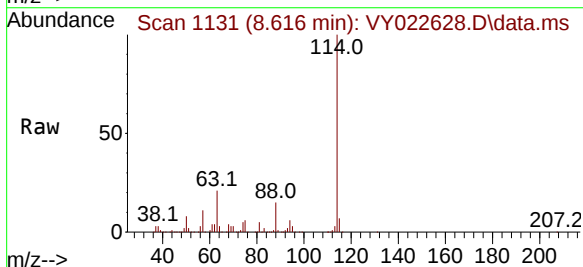
Tgt Ion: 114 Resp: 543023

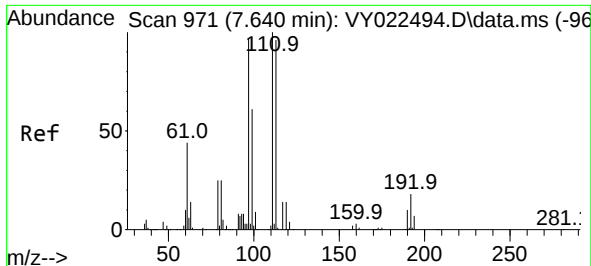
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.4 0.0 27.8

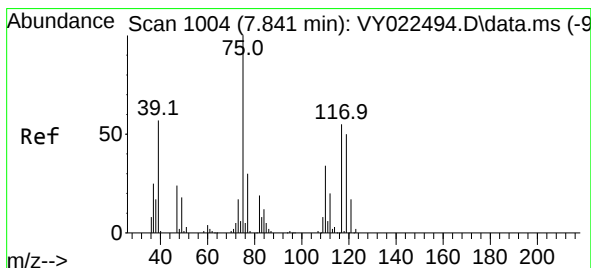
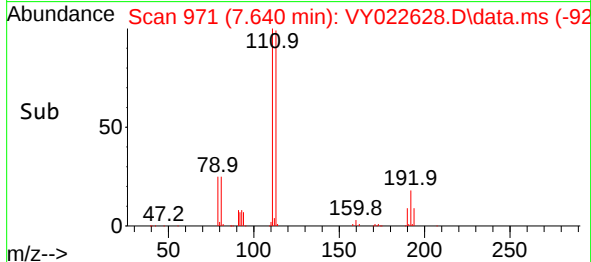
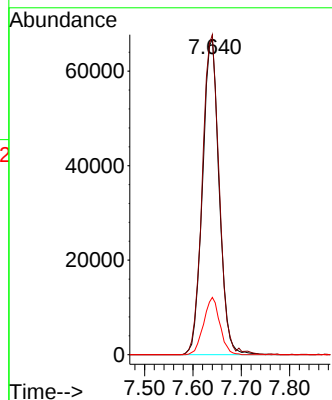
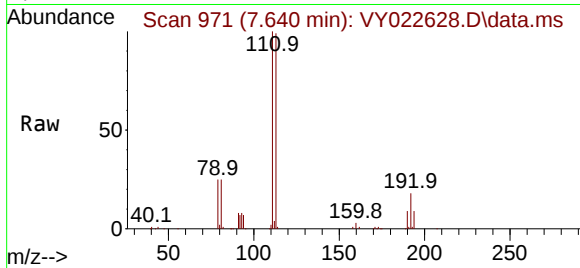




#35
Dibromofluoromethane
Concen: 49.270 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

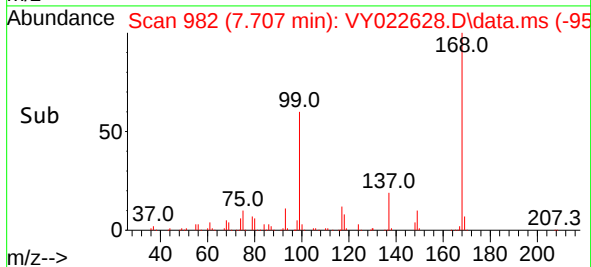
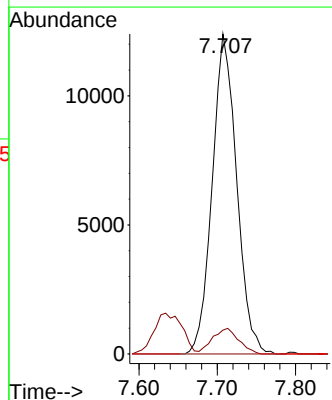
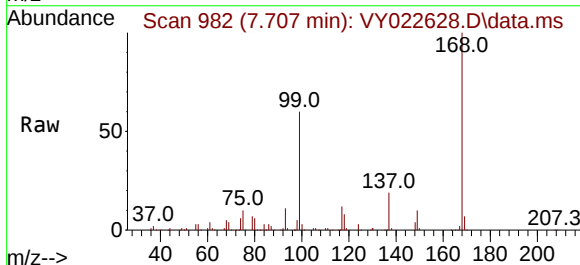
Instrument :
MSVOA_Y
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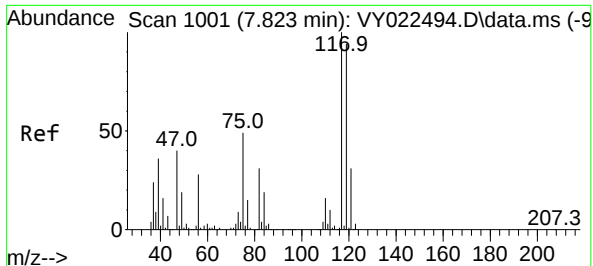
Tgt Ion:113 Resp: 159694
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 17.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 75 Resp: 26859
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.7#
77 0.0 24.8 37.2#

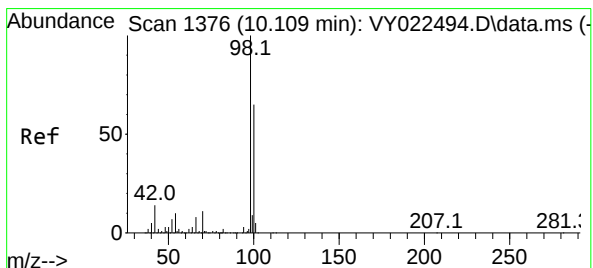
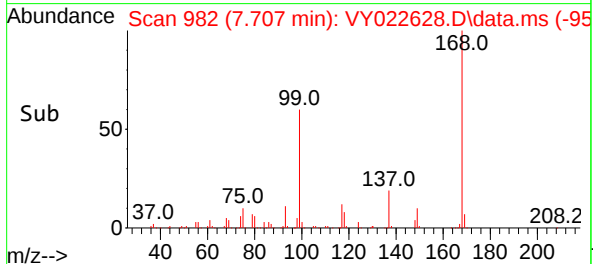
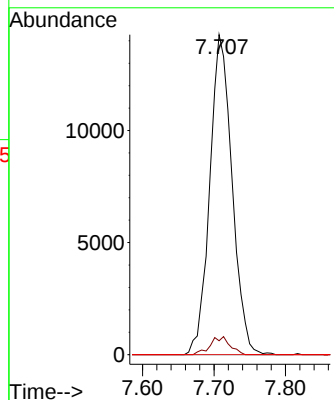
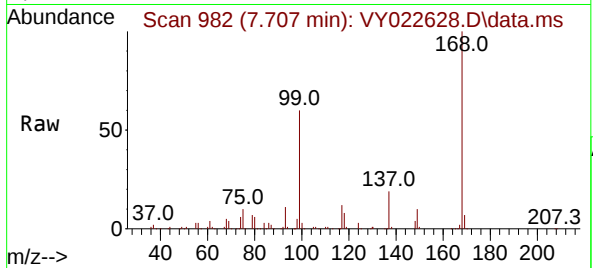




#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

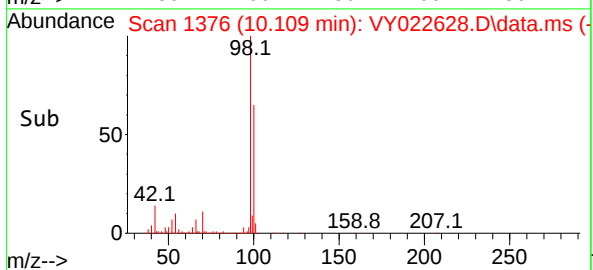
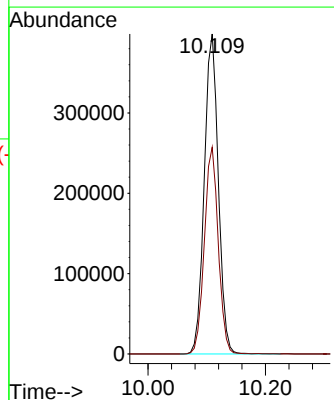
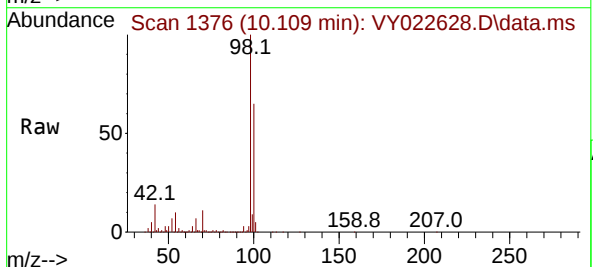
Instrument :
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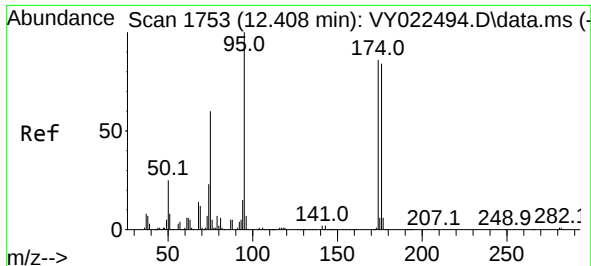
Tgt Ion:117 Resp: 30985
Ion Ratio Lower Upper
117 100
119 4.4 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.590 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 98 Resp: 662555
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

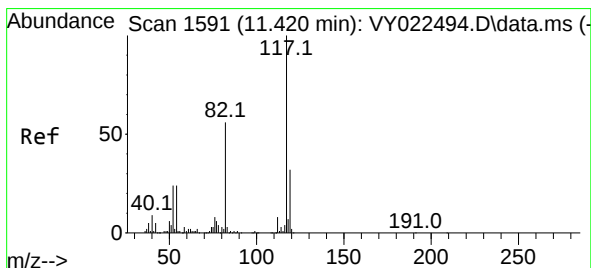
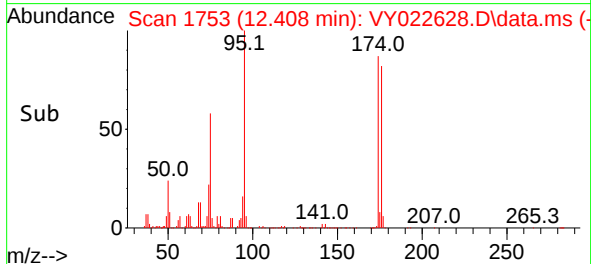
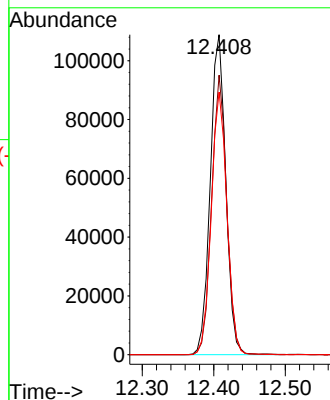
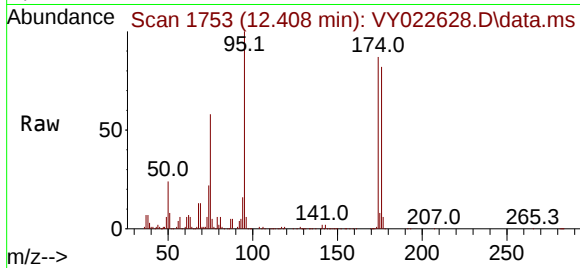




#62
4-Bromofluorobenzene
Concen: 41.976 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

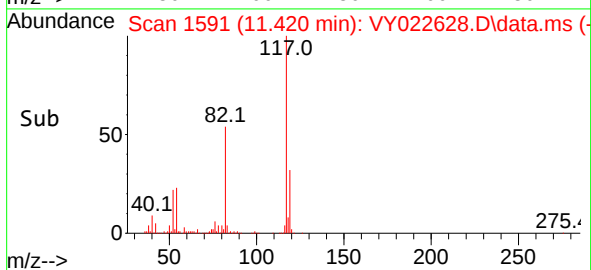
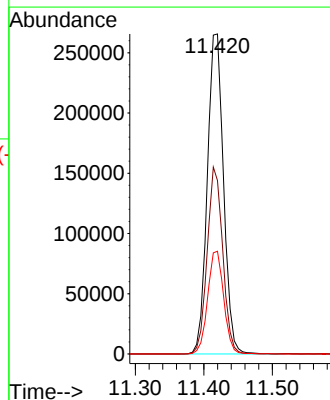
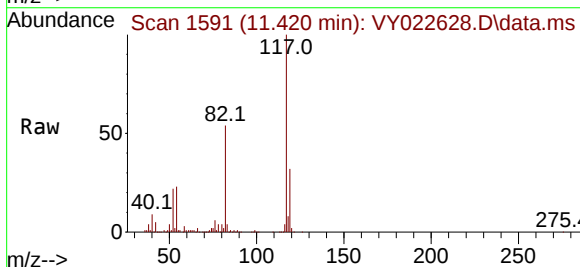
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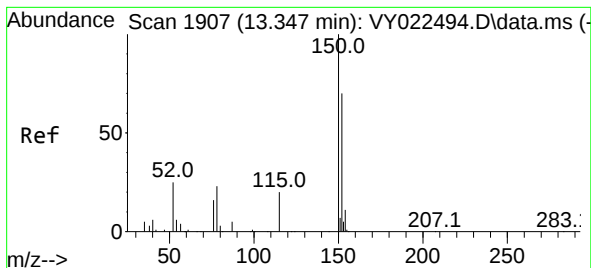
Tgt Ion: 95 Resp: 163794
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 83.0 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022628.D
Acq: 09 Jun 2025 14:23

Tgt Ion: 117 Resp: 436928
Ion Ratio Lower Upper
117 100
82 54.2 44.6 66.8
119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022628.D

Acq: 09 Jun 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-060525

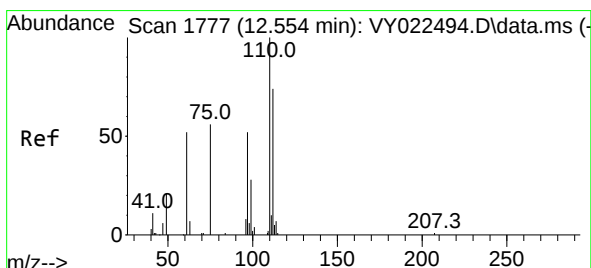
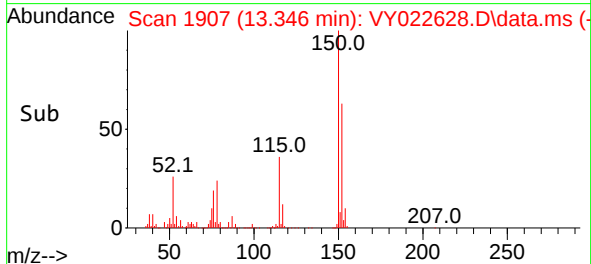
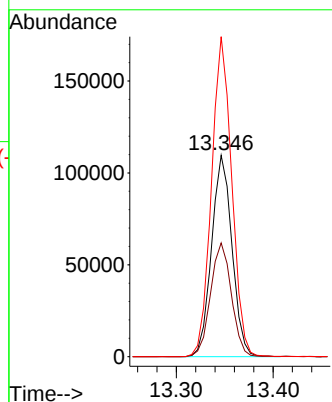
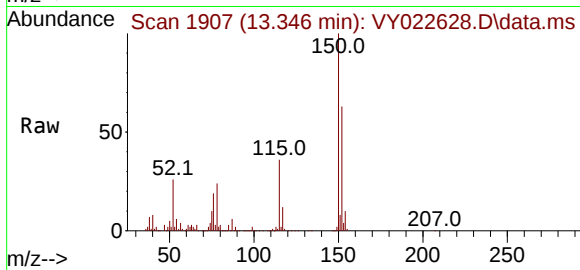
Tgt Ion:152 Resp: 160889

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 157.5 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 53.038 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY022628.D

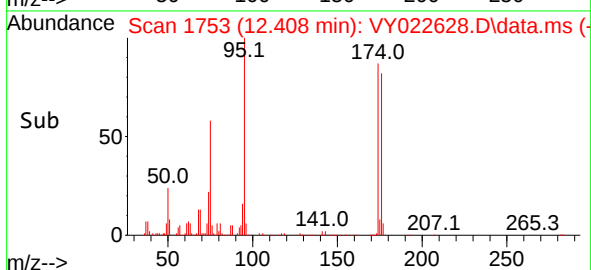
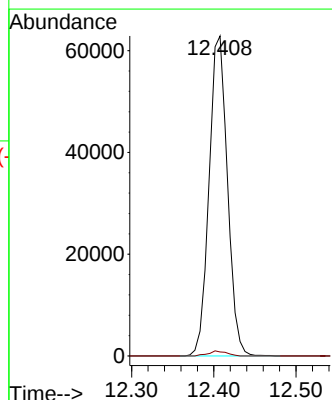
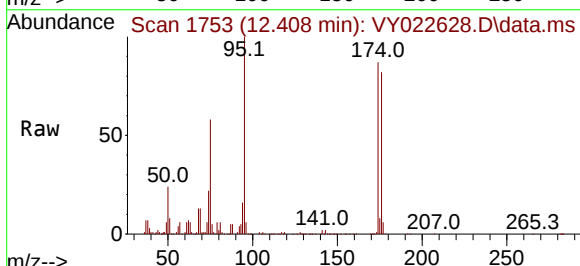
Acq: 09 Jun 2025 14:23

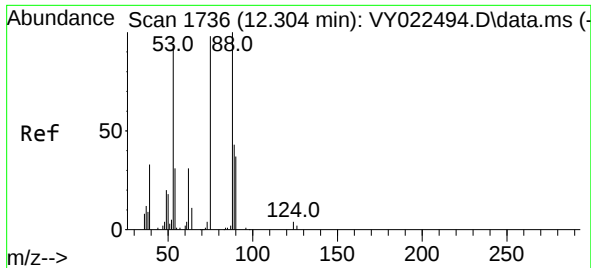
Tgt Ion: 75 Resp: 97624

Ion Ratio Lower Upper

75 100

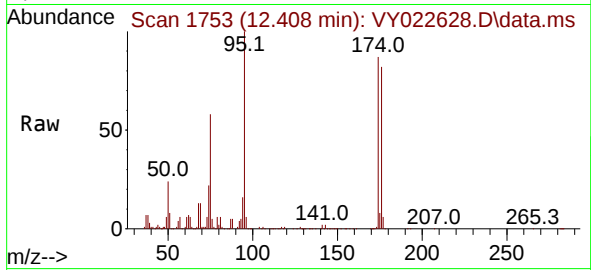
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.084 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022628.D
 Acq: 09 Jun 2025 14:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-060525



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.4	78.5	117.7#
89	0.1	35.7	53.5#

