

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022441.D
 Acq On : 28 May 2025 09:55
 Operator : SY/MD
 Sample : VY0528SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBL01

Quant Time: May 29 01:51:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

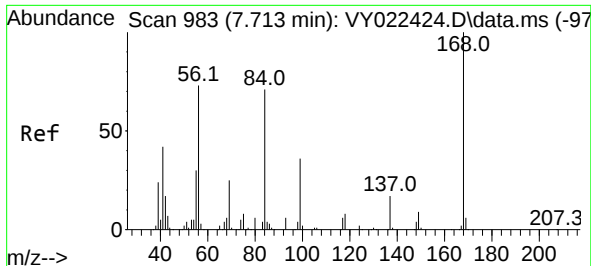
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	328093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	588956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	468410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	164648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	183828	53.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.380%	
35) Dibromofluoromethane	7.634	113	177713	51.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.109	98	704513	50.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.408	95	176928	41.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	569	1.002	ug/l #	80
20) Methylene Chloride	4.616	84	8111	2.023	ug/l	91
31) Cyclohexane	7.707	56	9183	1.381	ug/l #	39
36) 1,1-Dichloropropene	7.713	75	28189	5.150	ug/l #	51
38) Carbon Tetrachloride	7.713	117	33919	5.949	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	102067	61.888	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	102067	139.957	ug/l #	12

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

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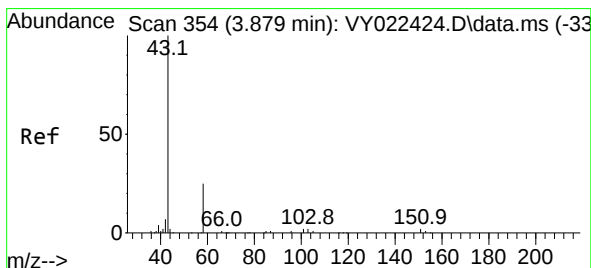
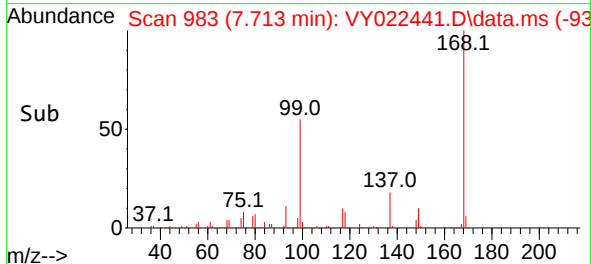
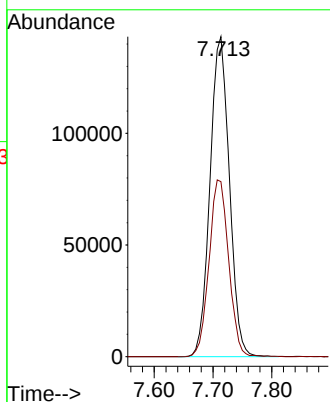
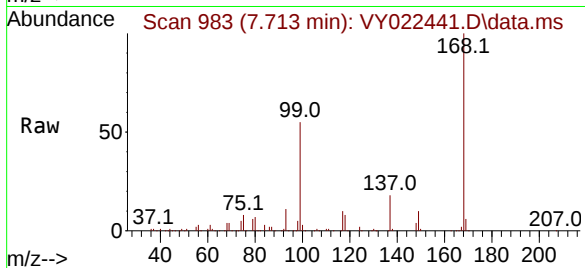




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

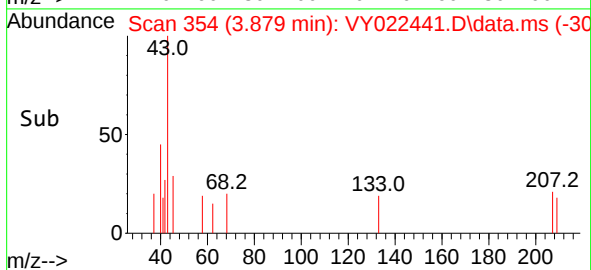
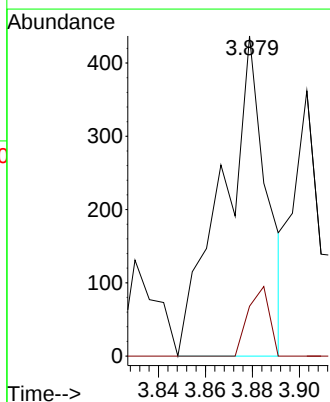
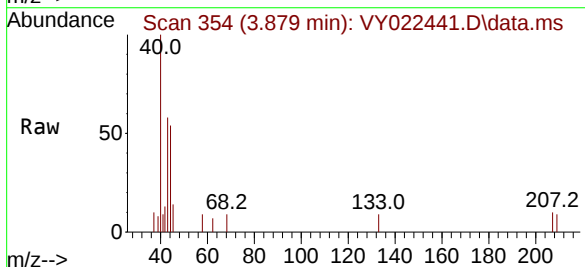
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBL01

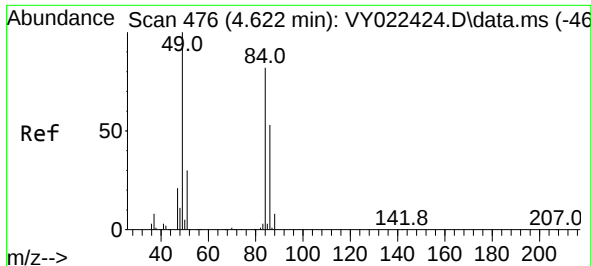
Tgt Ion:168 Resp: 328093
Ion Ratio Lower Upper
168 100
99 54.7 44.7 67.1



#16
Acetone
Concen: 1.002 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 15.6 20.6 30.8#





#20

Methylene Chloride

Concen: 2.023 ug/l

RT: 4.616 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY022441.D

Acq: 28 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBL01

Tgt Ion: 84 Resp: 8111

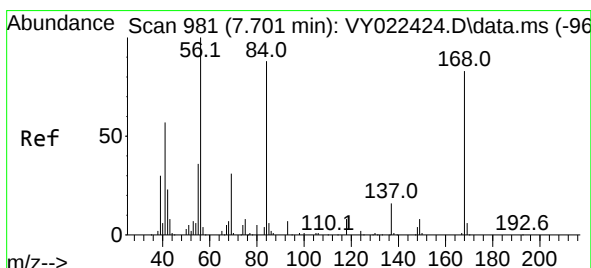
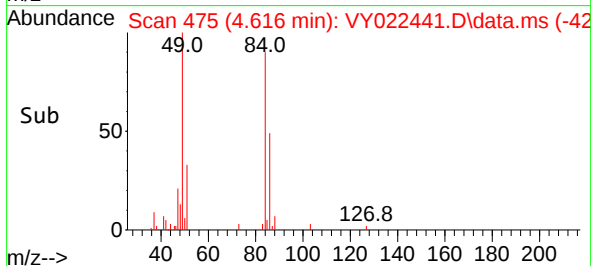
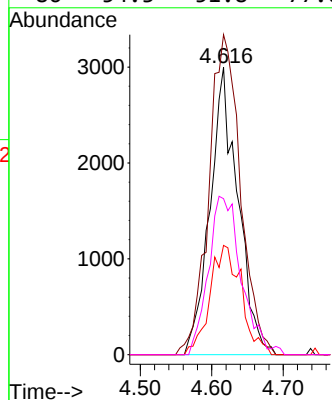
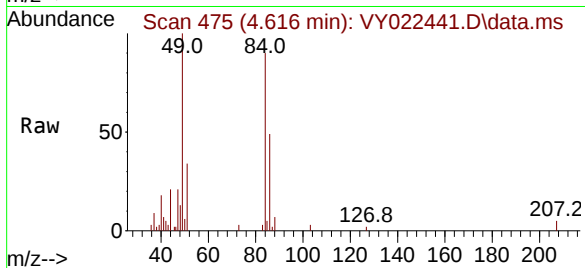
Ion Ratio Lower Upper

84 100

49 111.4 97.8 146.8

51 38.0 29.5 44.3

86 54.3 51.8 77.6



#31

Cyclohexane

Concen: 1.381 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY022441.D

Acq: 28 May 2025 09:55

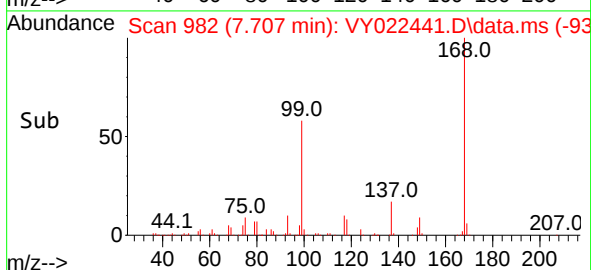
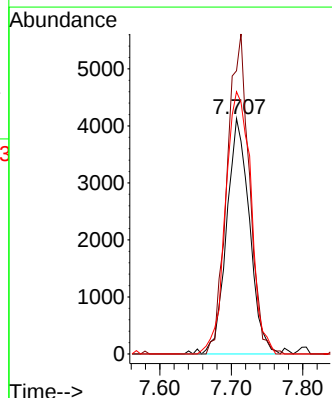
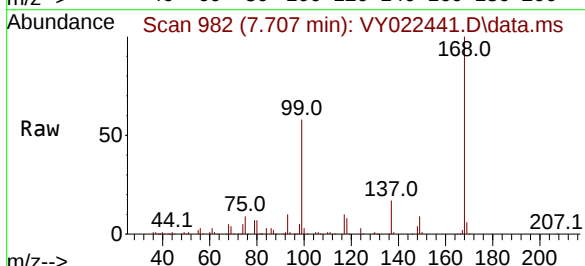
Tgt Ion: 56 Resp: 9183

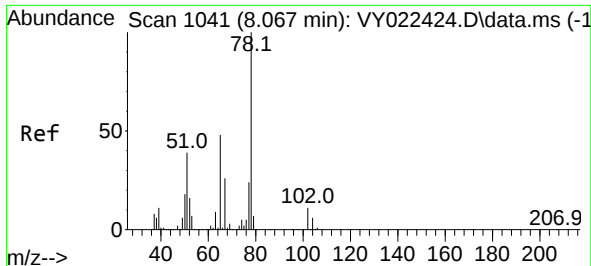
Ion Ratio Lower Upper

56 100

69 120.3 24.6 36.8#

84 111.5 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 53.194 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022441.D

Acq: 28 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

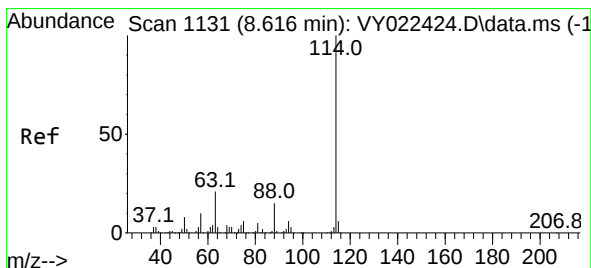
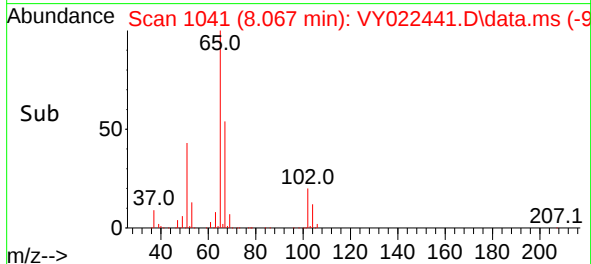
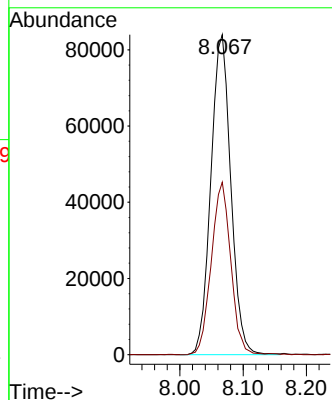
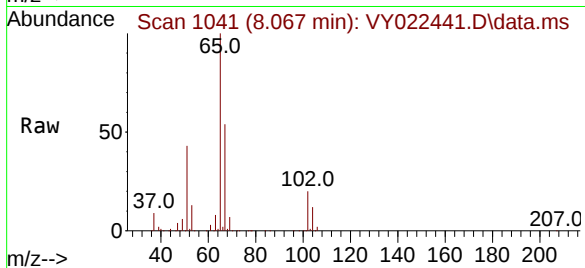
VY0528SBL01

Tgt Ion: 65 Resp: 183828

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022441.D

Acq: 28 May 2025 09:55

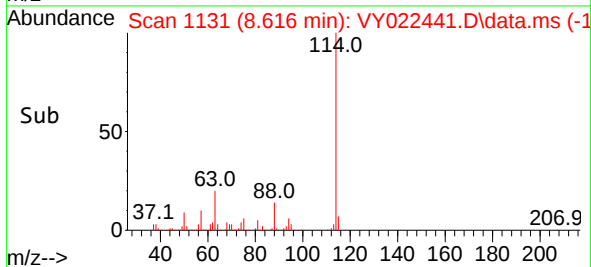
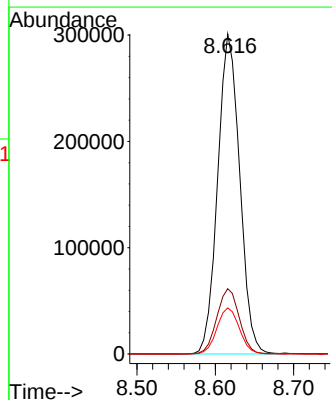
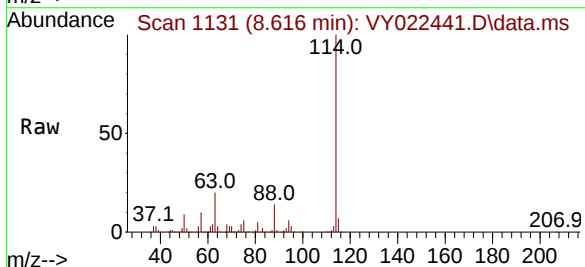
Tgt Ion: 114 Resp: 588956

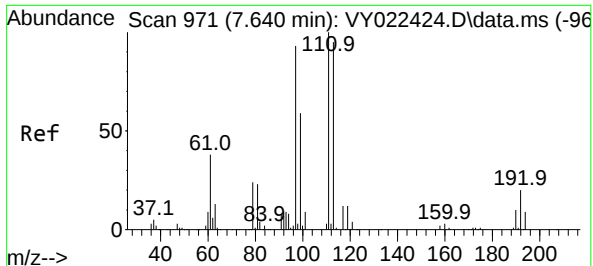
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 14.4 0.0 29.4

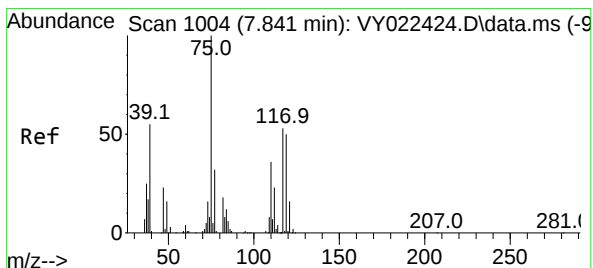
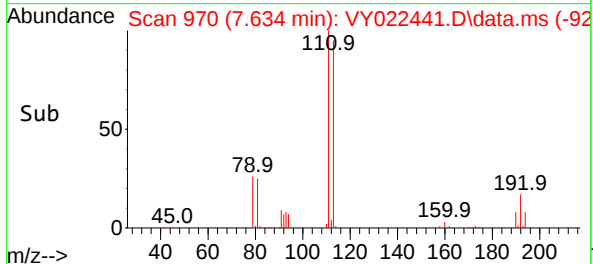
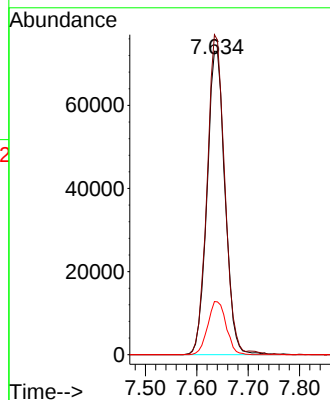
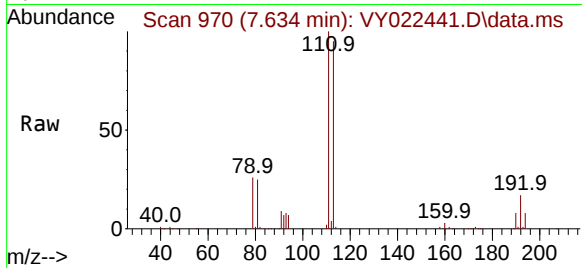




#35
Dibromofluoromethane
Concen: 51.524 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

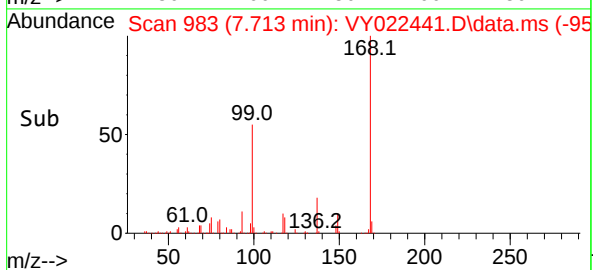
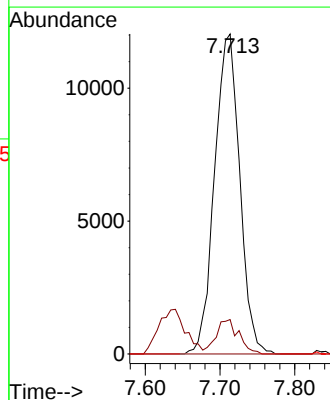
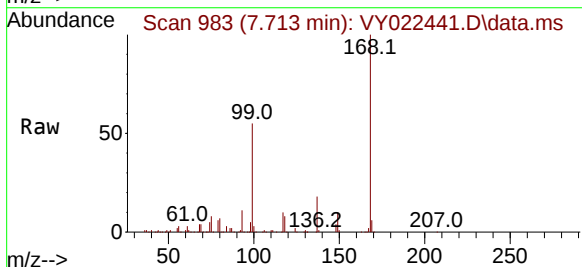
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBL01

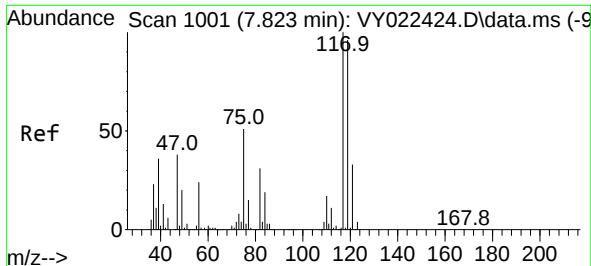
Tgt Ion:113 Resp: 177713
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 17.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

Tgt Ion: 75 Resp: 28189
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 25.1 37.7#

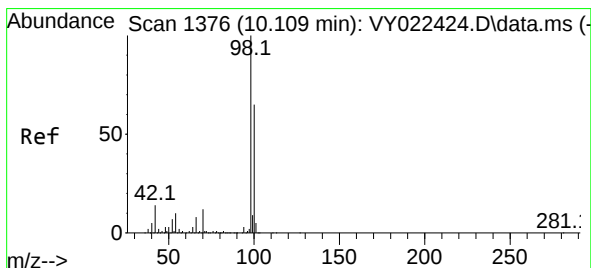
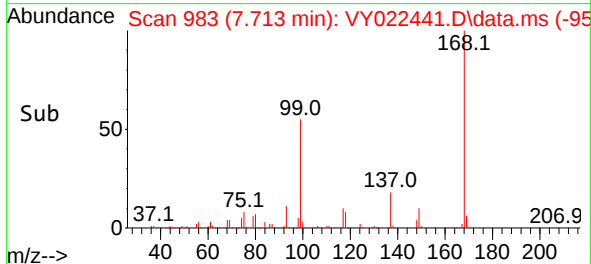
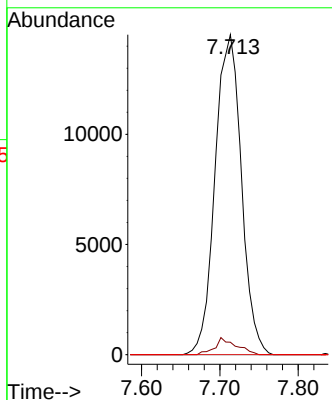
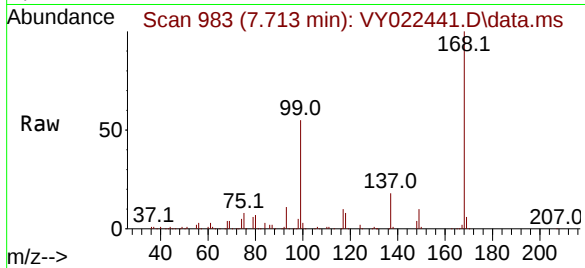




#38
Carbon Tetrachloride
Concen: 5.949 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

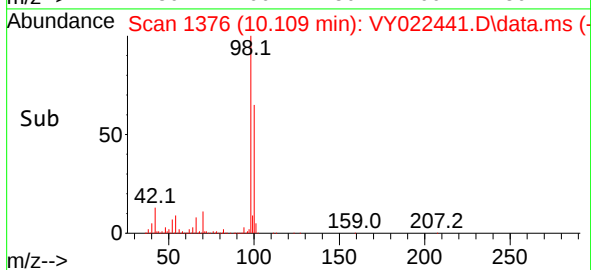
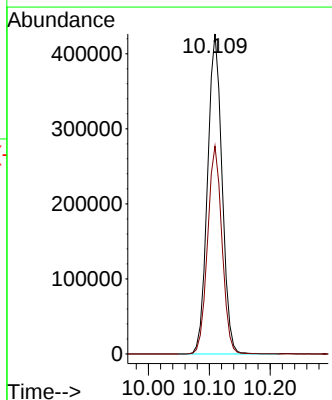
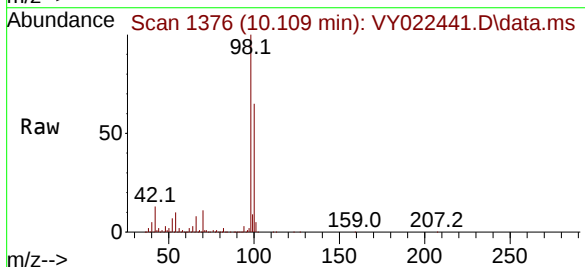
Instrument :
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ClientSampleId :
VY0528SBL01

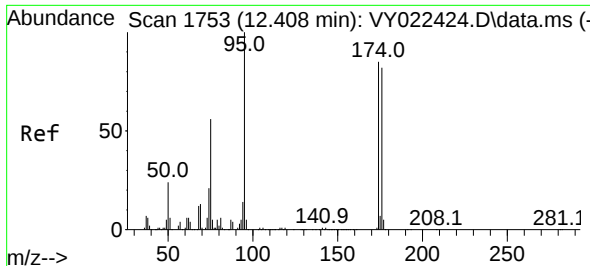
Tgt Ion:117 Resp: 33919
Ion Ratio Lower Upper
117 100
119 3.9 76.3 114.5#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 50.106 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

Tgt Ion: 98 Resp: 704513
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

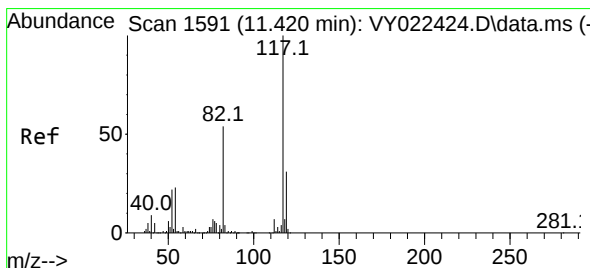
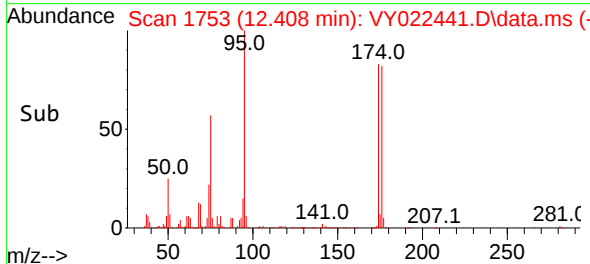
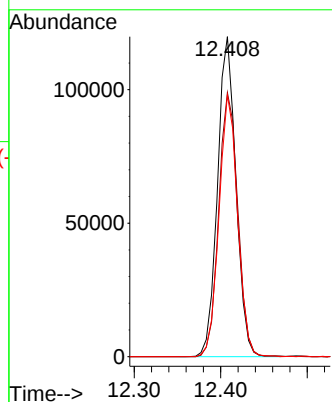
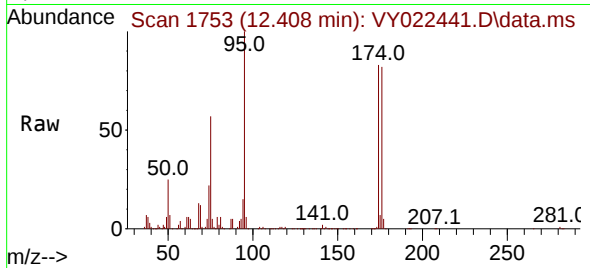




#62
4-Bromofluorobenzene
Concen: 41.600 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

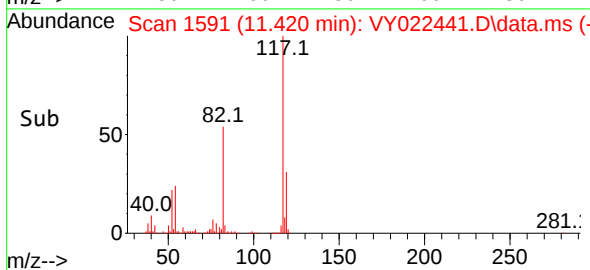
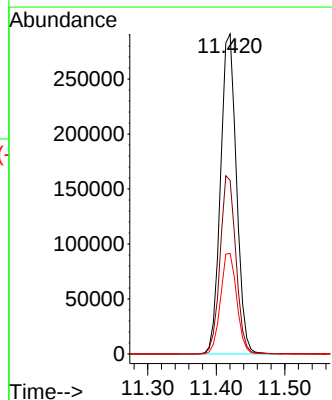
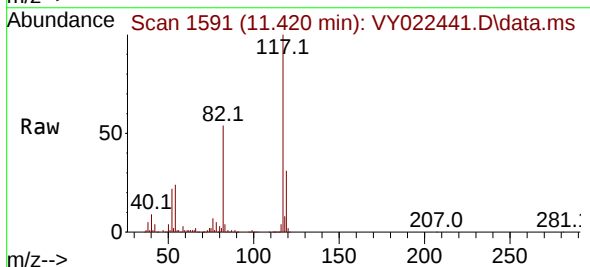
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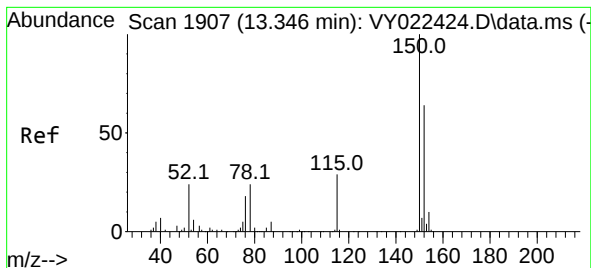
Tgt Ion: 95 Resp: 176928
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.6
176 82.5 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

Tgt Ion: 117 Resp: 468410
Ion Ratio Lower Upper
117 100
82 54.2 43.3 64.9
119 31.4 24.5 36.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022441.D

Acq: 28 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBL01

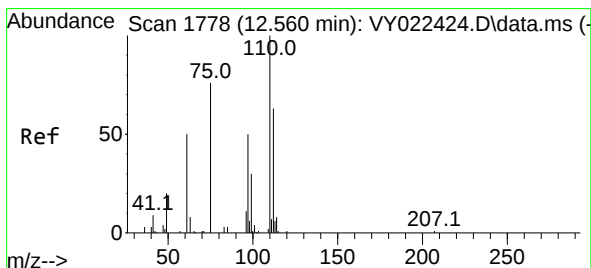
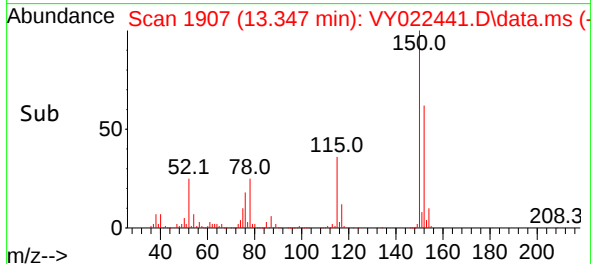
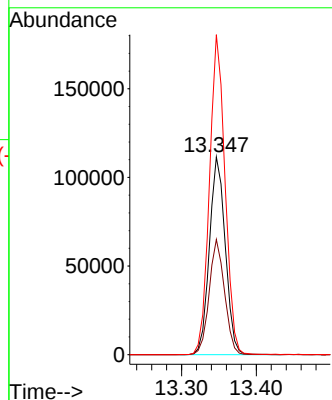
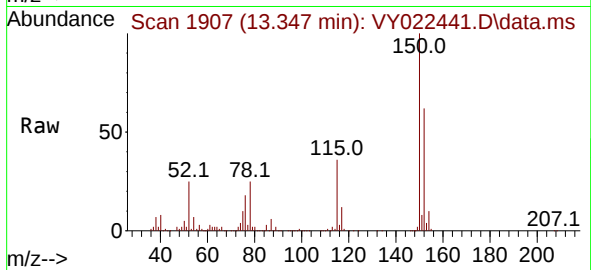
Tgt Ion:152 Resp: 164648

Ion Ratio Lower Upper

152 100

115 56.4 28.4 85.3

150 158.4 0.0 345.8



#76

1,2,3-Trichloropropane

Concen: 61.888 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY022441.D

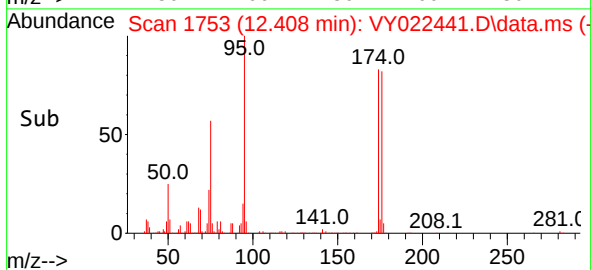
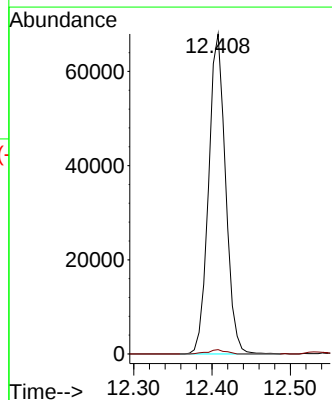
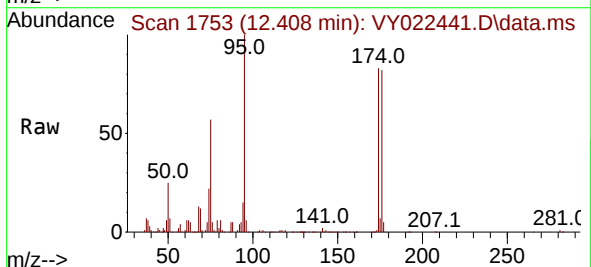
Acq: 28 May 2025 09:55

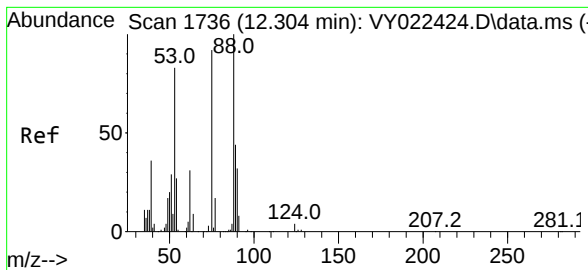
Tgt Ion: 75 Resp: 102067

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 139.957 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY022441.D
Acq: 28 May 2025 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBL01

Tgt Ion: 75 Resp: 102067
Ion Ratio Lower Upper
75 100
53 0.0 75.1 112.7#
89 0.0 37.4 56.0#

