

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022171.D
 Acq On : 06 May 2025 09:45
 Operator : SY/MD
 Sample : VY0506SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBL01

Quant Time: May 07 04:31:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

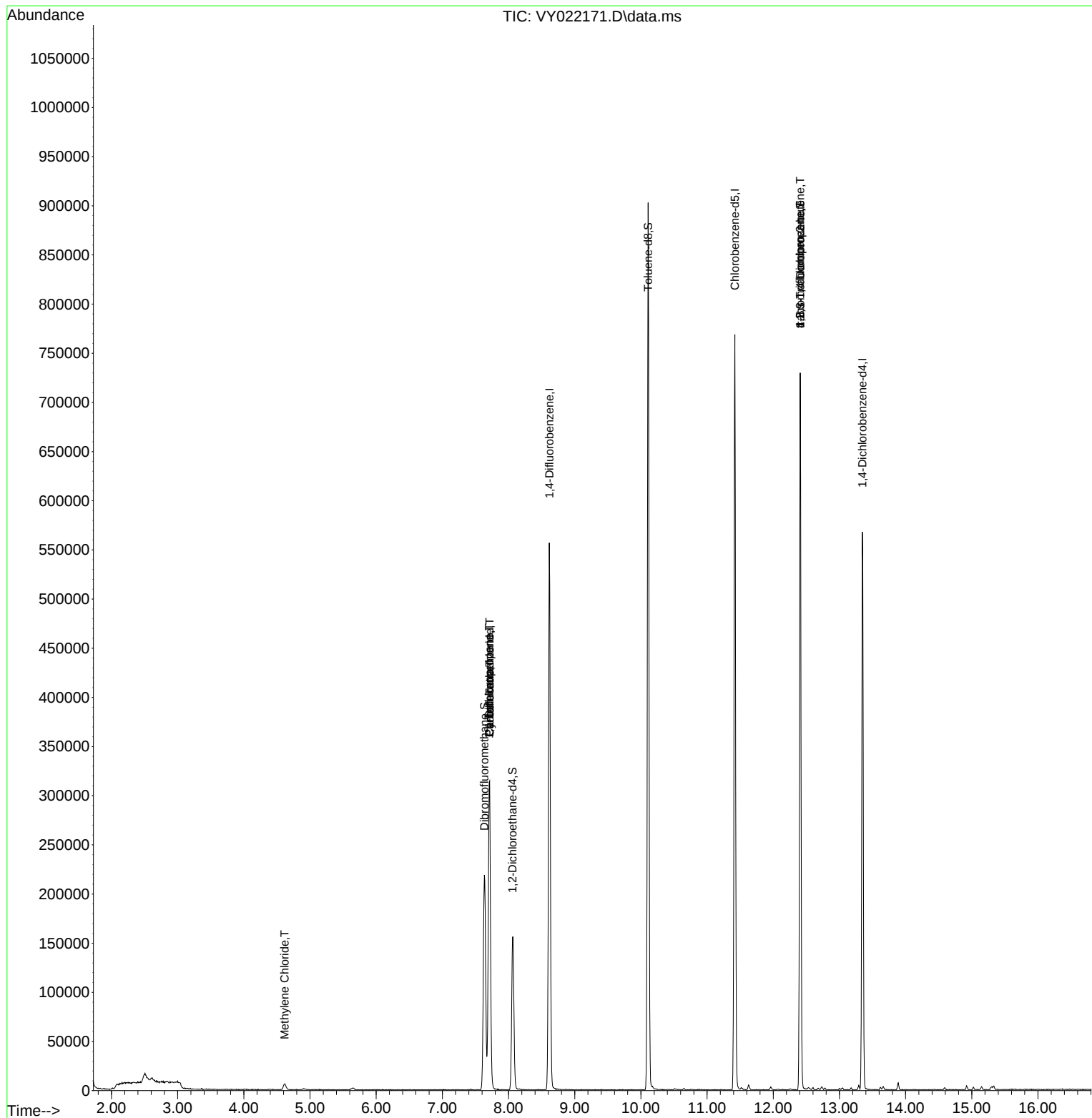
Internal Standards						
1) Pentafluorobenzene	7.713	168	251073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	481164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	415589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128290	55.319	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.640%			
35) Dibromofluoromethane	7.634	113	161153	50.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.400%			
50) Toluene-d8	10.109	98	577687	48.204	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.408	95	217188	53.835	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.660%			
Target Compounds						
16) Acetone	3.885	43	177	Below Cal	#	41
20) Methylene Chloride	4.616	84	4731	1.613	ug/l	94
31) Cyclohexane	7.713	56	4737	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	18865	4.418	ug/l #	48
38) Carbon Tetrachloride	7.713	117	26004	5.096	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	107702	85.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	107702	206.675	ug/l #	16

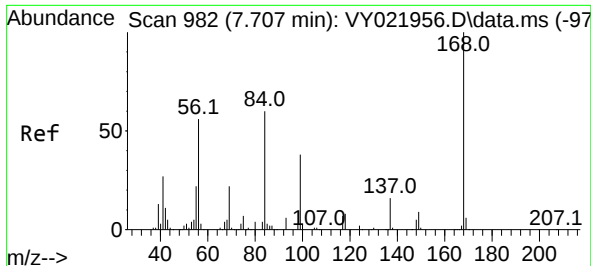
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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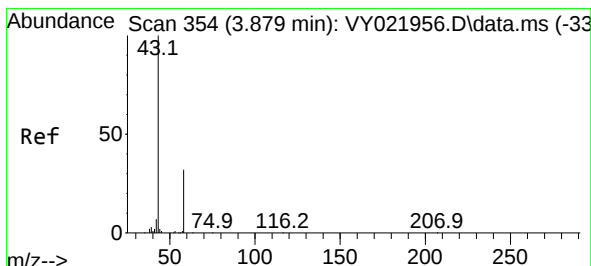
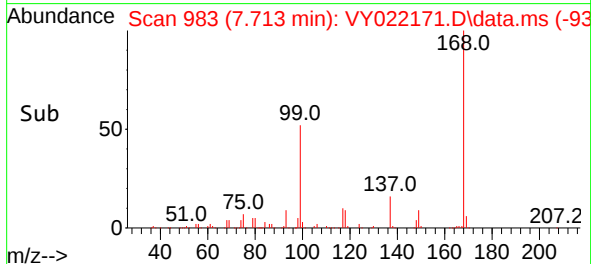
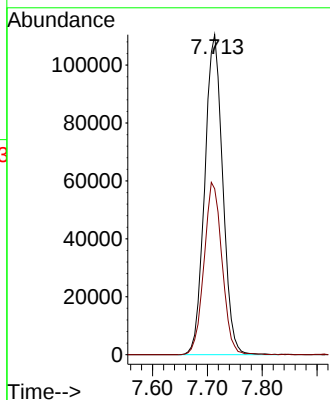
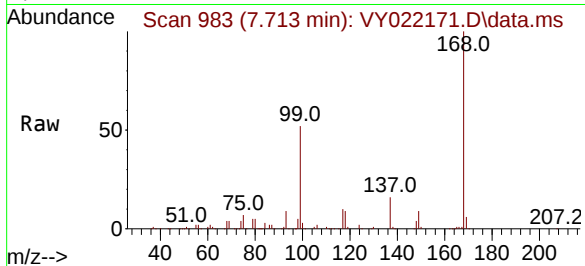




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

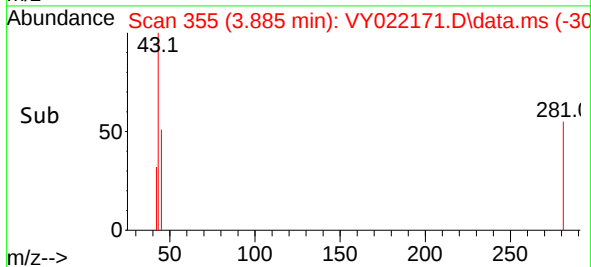
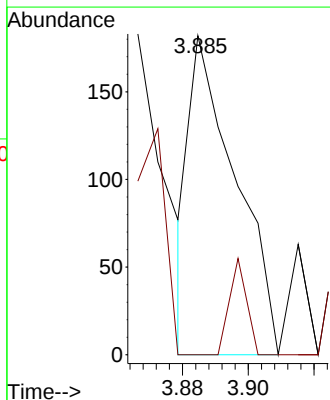
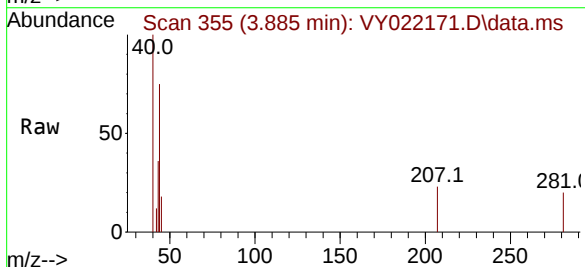
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

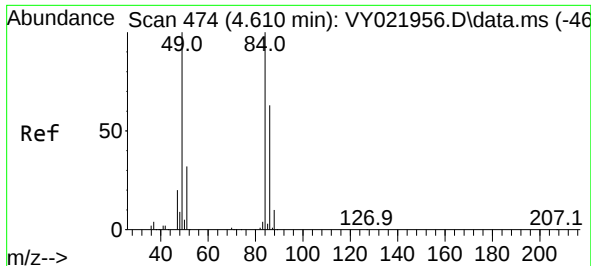
Tgt Ion:168 Resp: 251073
Ion Ratio Lower Upper
168 100
99 51.9 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#



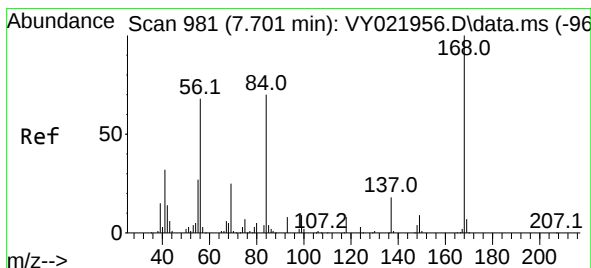
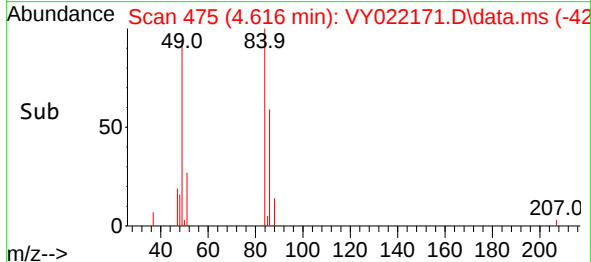
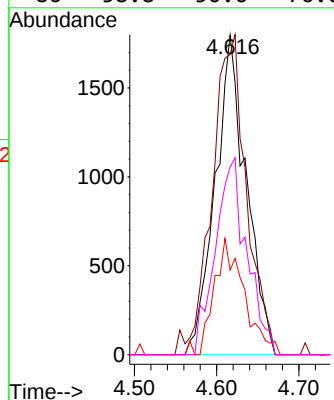
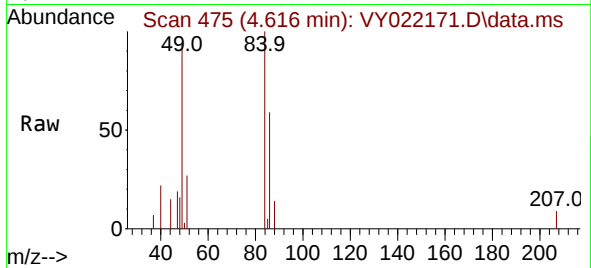


#20
Methylene Chloride
Concen: 1.613 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Tgt Ion: 84 Resp: 4731

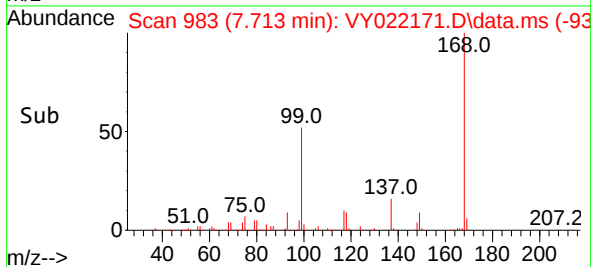
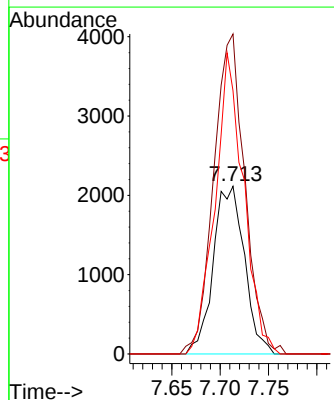
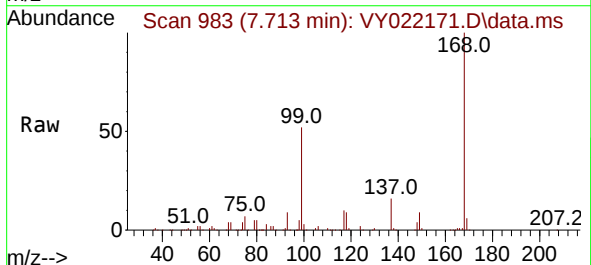
Ion	Ratio	Lower	Upper
84	100		
49	94.0	79.9	119.9
51	26.5	25.4	38.0
86	58.8	50.6	76.0



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion: 56 Resp: 4737

Ion	Ratio	Lower	Upper
56	100		
69	190.8	29.4	44.2#
84	156.9	82.2	123.4#





#33

1,2-Dichloroethane-d4

Concen: 55.319 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022171.D

Acq: 06 May 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

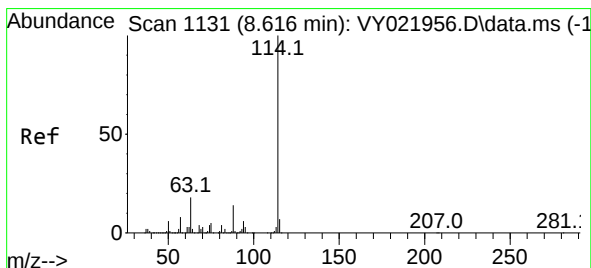
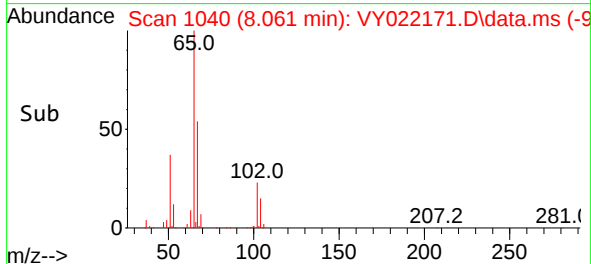
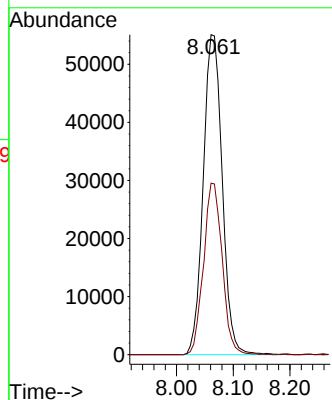
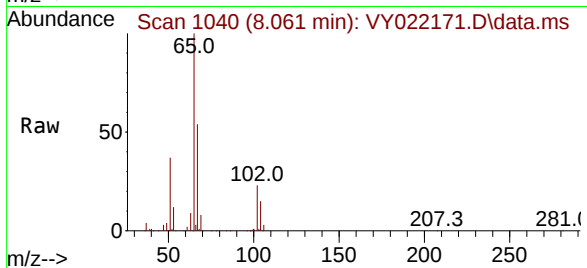
VY0506SBL01

Tgt Ion: 65 Resp: 128290

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022171.D

Acq: 06 May 2025 09:45

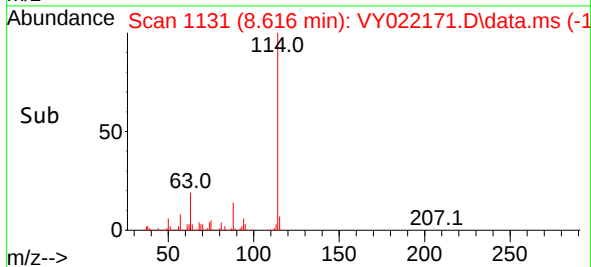
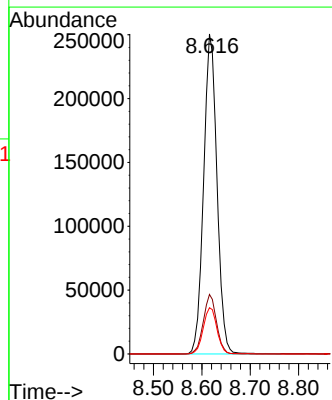
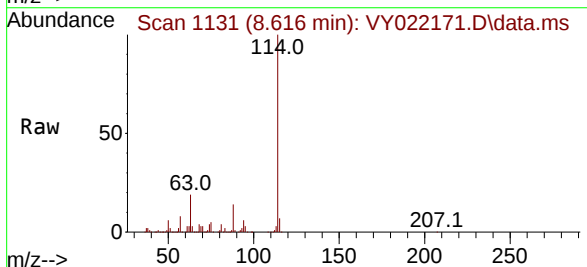
Tgt Ion: 114 Resp: 481164

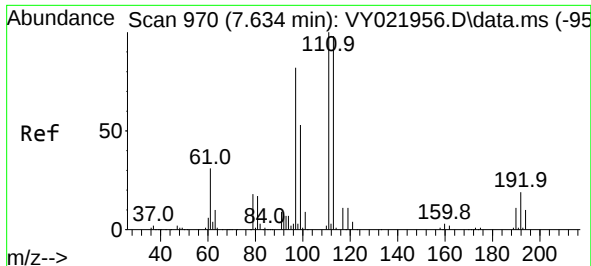
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.4

88 14.5 0.0 28.2

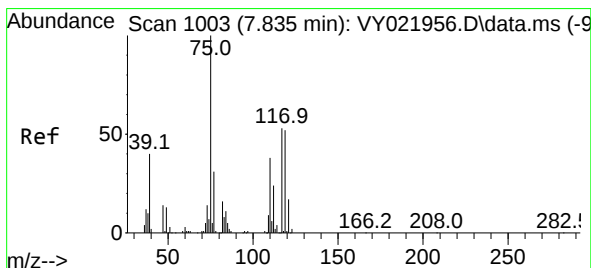
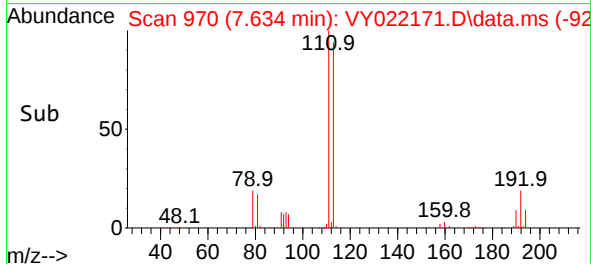
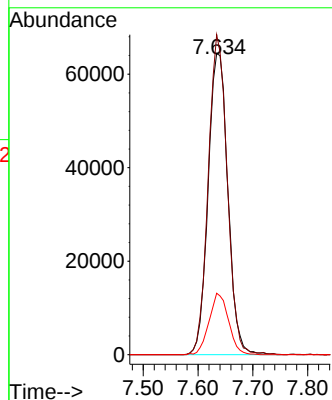
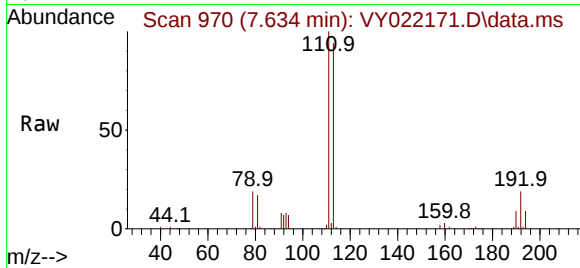




#35
Dibromofluoromethane
Concen: 50.696 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

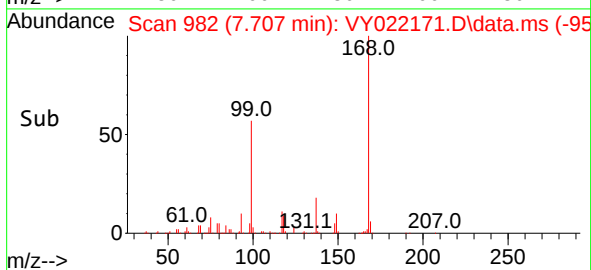
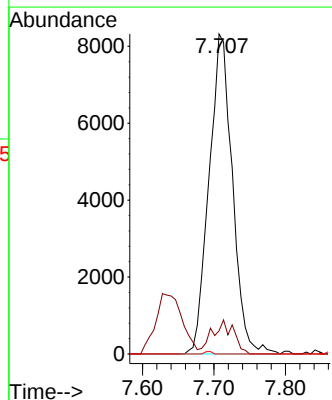
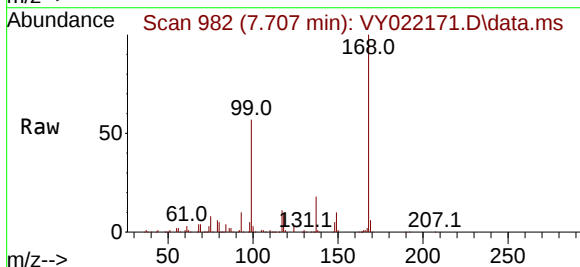
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

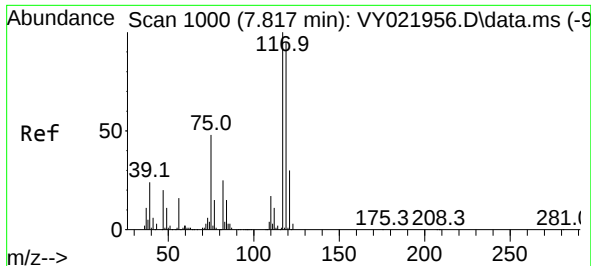
Tgt Ion:113 Resp: 161153
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 20.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.418 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion: 75 Resp: 18865
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.2 25.5 38.3#

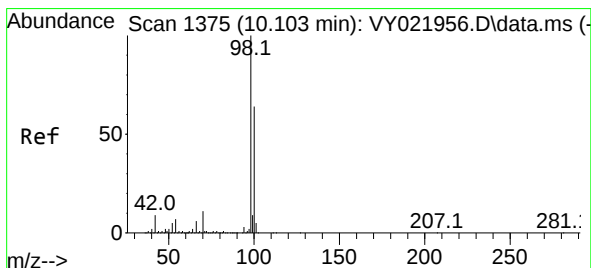
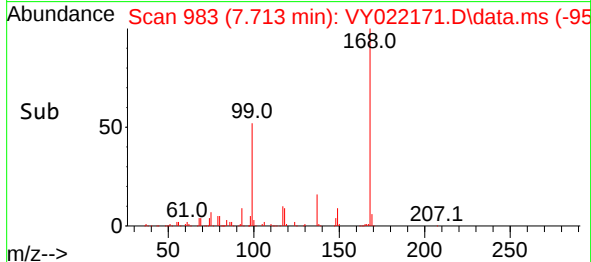
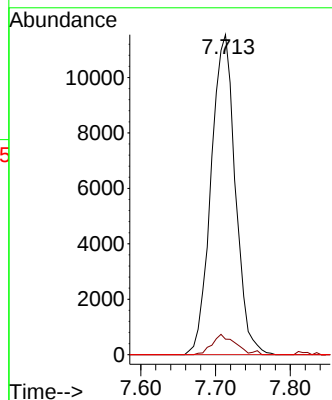
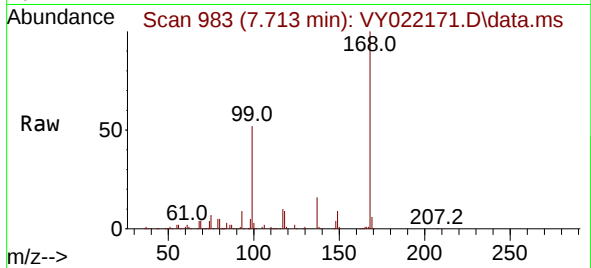




#38
Carbon Tetrachloride
Concen: 5.096 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

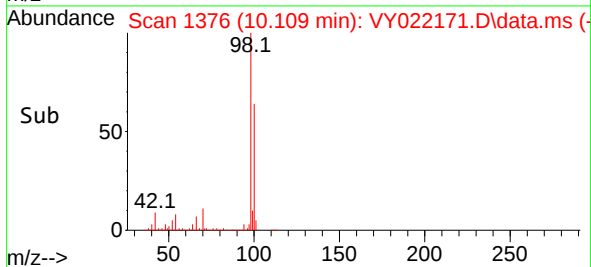
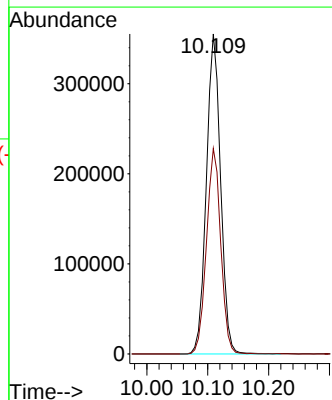
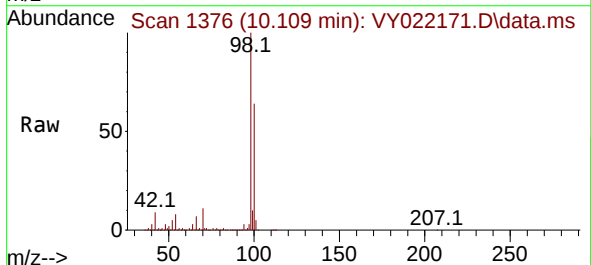
Instrument :
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ClientSampleId :
VY0506SBL01

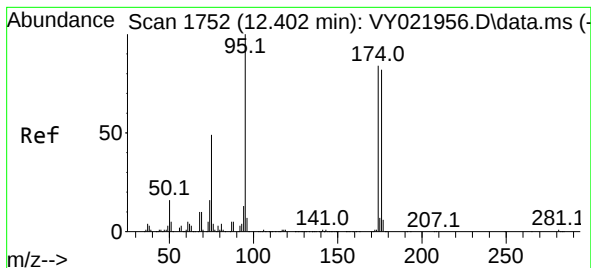
Tgt Ion:117 Resp: 26004
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.204 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion: 98 Resp: 577687
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

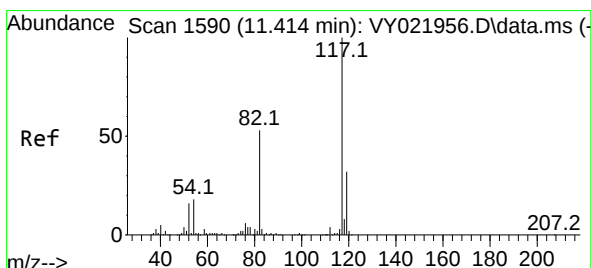
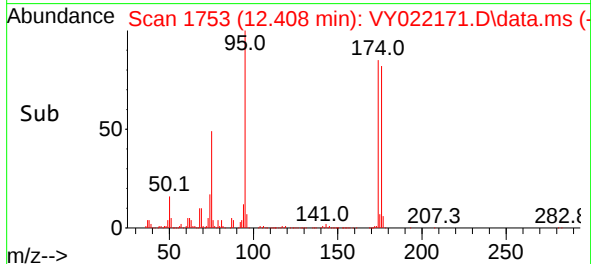
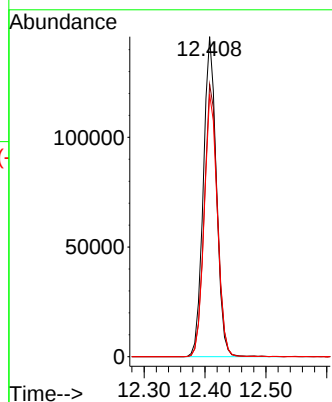
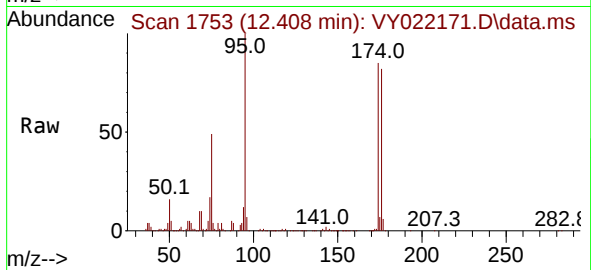




#62
4-Bromofluorobenzene
Concen: 53.835 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

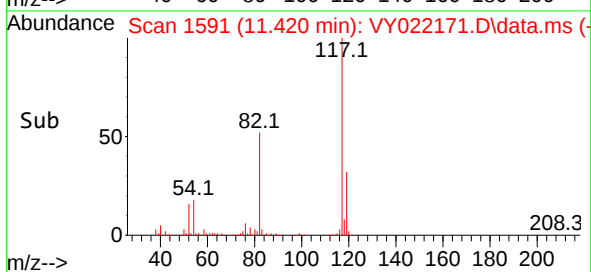
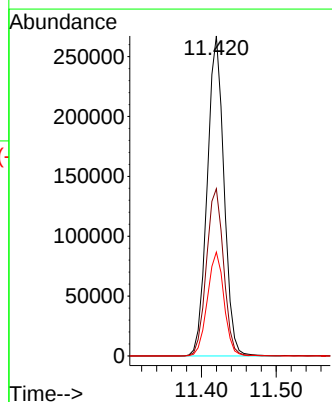
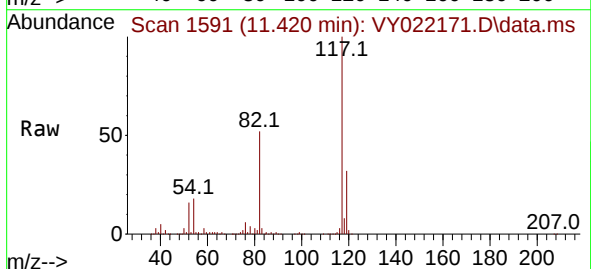
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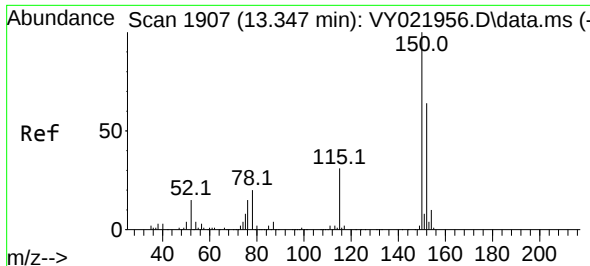
Tgt Ion: 95 Resp: 217188
Ion Ratio Lower Upper
95 100
174 86.2 0.0 179.0
176 82.9 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion: 117 Resp: 415589
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 32.4 25.7 38.5

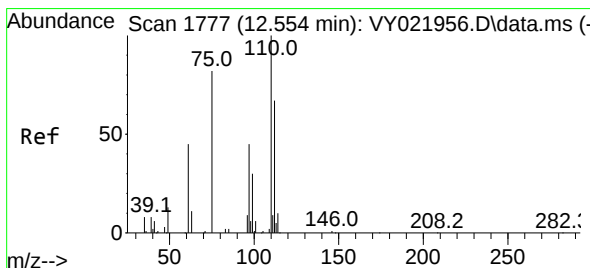
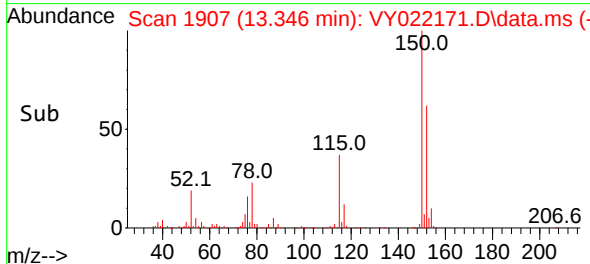
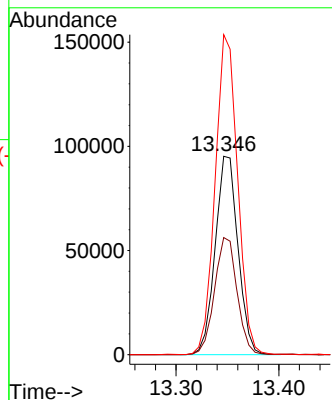
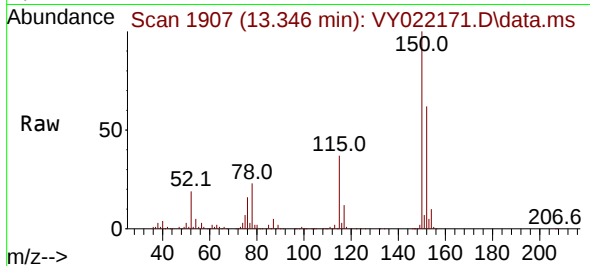




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

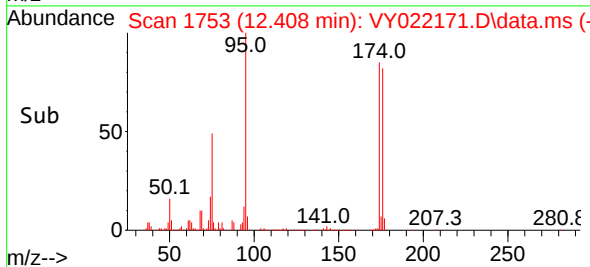
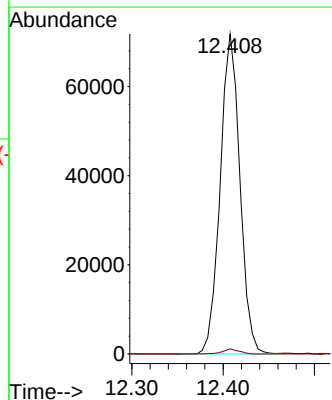
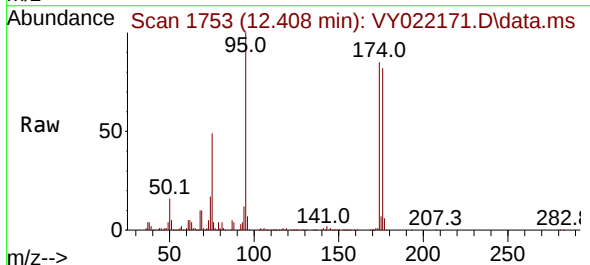
Instrument :
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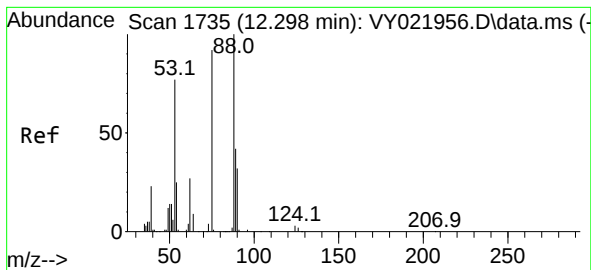
Tgt Ion:152 Resp: 146510
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.0 84.0
 150 158.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 85.823 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

Tgt Ion: 75 Resp: 107702
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 206.675 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Tgt Ion: 75 Resp: 107702
Ion Ratio Lower Upper
75 100
53 0.2 66.0 99.0#
89 0.0 37.2 55.8#

