

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022947.D
 Acq On : 07 Jul 2025 09:44
 Operator : SY/MD
 Sample : VY0707SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBL01

Quant Time: Jul 08 01:42:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

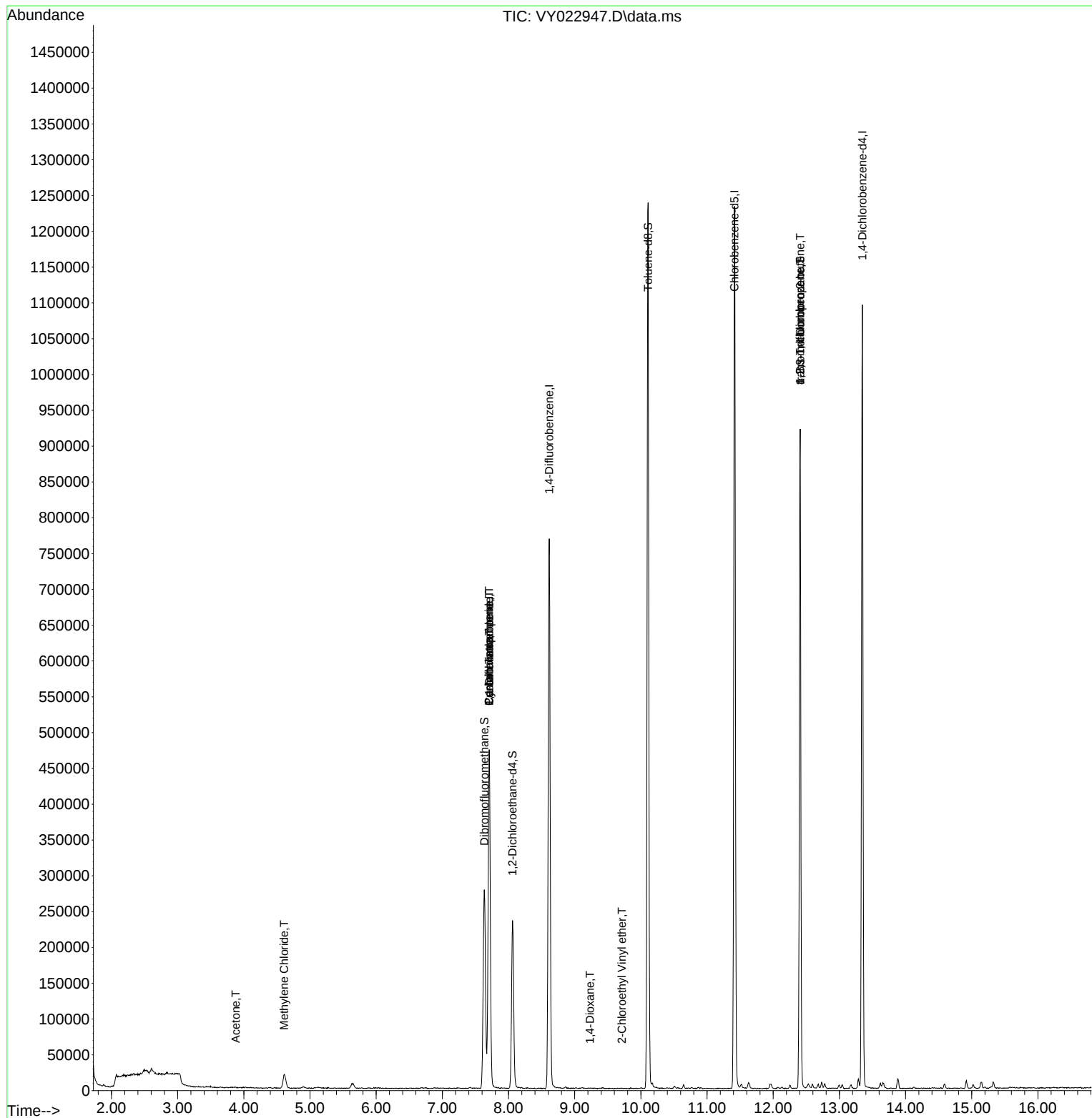
Internal Standards						
1) Pentafluorobenzene	7.707	168	359794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	659995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	632698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	266428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183707	45.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.634	113	202436	50.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.109	98	810431	50.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.408	95	272718	53.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.520%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1964	2.588	ug/l #	75
20) Methylene Chloride	4.610	84	13589	2.835	ug/l	97
31) Cyclohexane	7.707	56	8661	1.256	ug/l #	16
36) 1,1-Dichloropropene	7.707	75	30091	4.946	ug/l #	50
38) Carbon Tetrachloride	7.707	117	36444	5.677	ug/l #	18
49) 1,4-Dioxane	9.231	88	100	3.406	ug/l #	59
58) 2-Chloroethyl Vinyl ether	9.713	63	374	15.809	ug/l #	48
76) 1,2,3-Trichloropropane	12.408	75	150386	55.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	150386	139.681	ug/l #	10

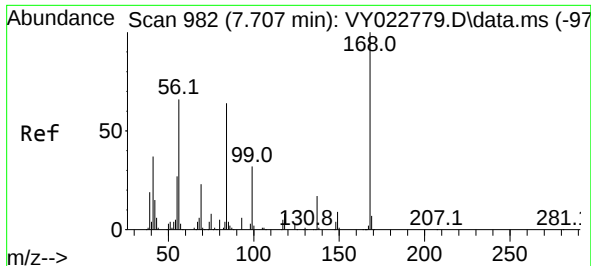
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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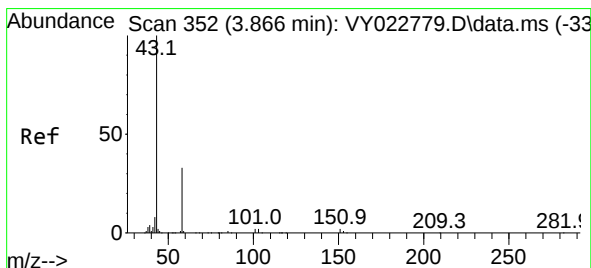
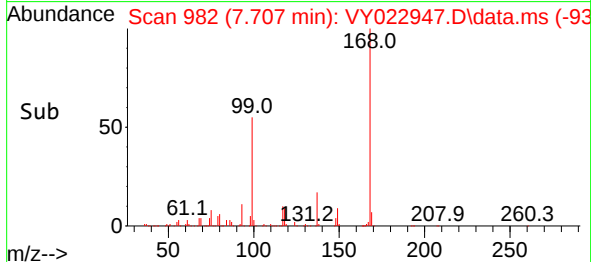
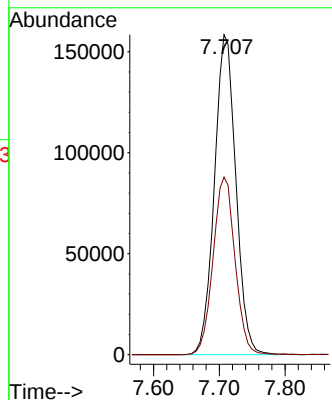
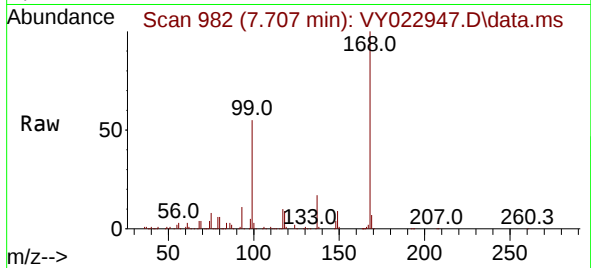




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

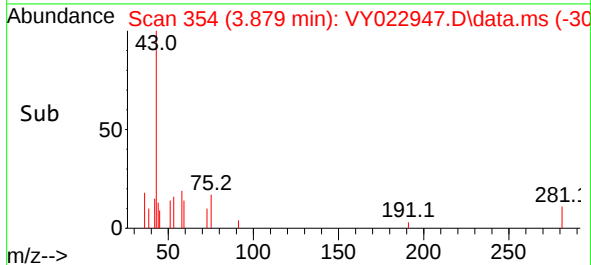
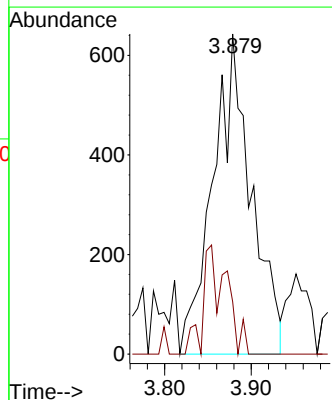
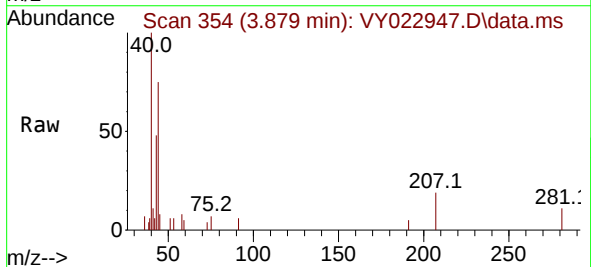
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

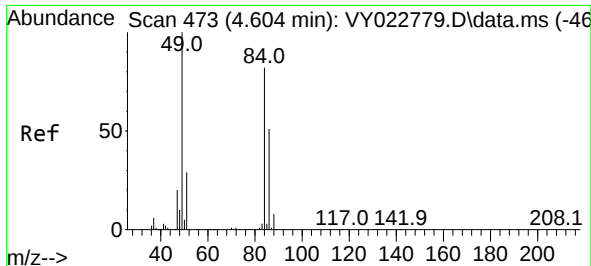
Tgt Ion:168 Resp: 359794
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#16
Acetone
Concen: 2.588 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 16.3 24.0 36.0#

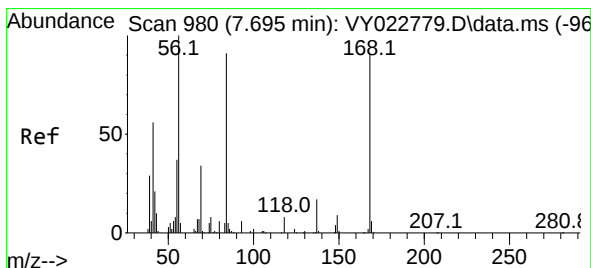
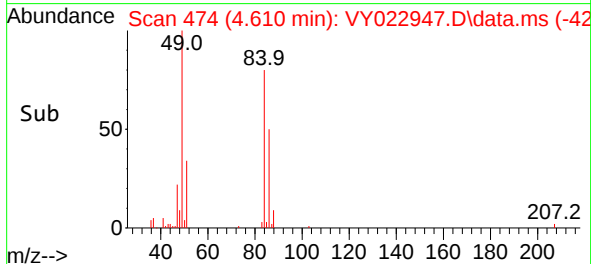
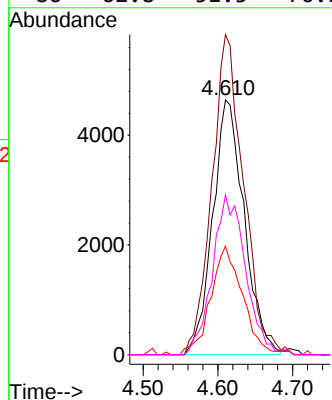
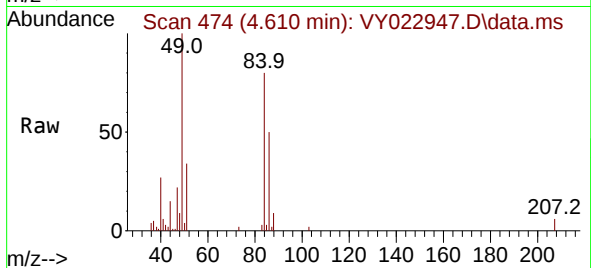




#20
Methylene Chloride
Concen: 2.835 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

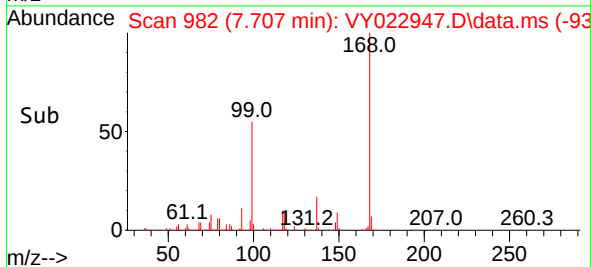
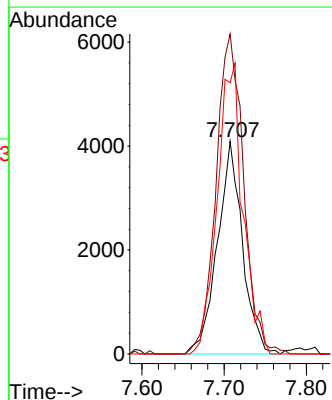
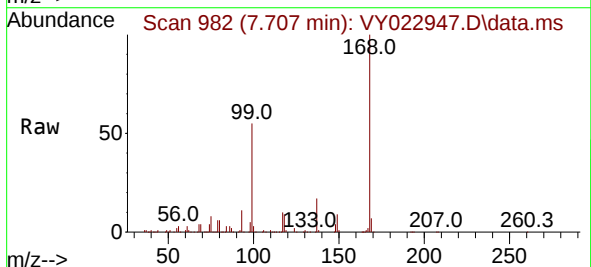
Instrument :
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VY0707SBL01

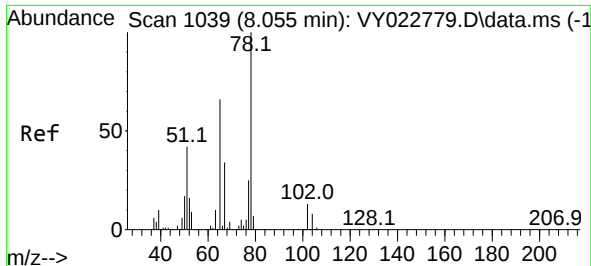
Tgt Ion:	84	Resp:	13589
Ion	Ratio	Lower	Upper
84	100		
49	125.6	101.9	152.9
51	42.6	29.8	44.8
86	62.8	51.3	76.9



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion:	56	Resp:	8661
Ion	Ratio	Lower	Upper
56	100		
69	150.6	27.0	40.6#
84	127.6	72.6	109.0#

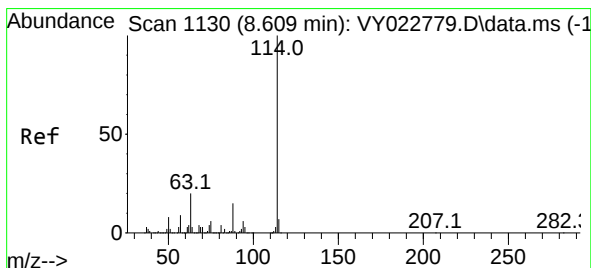
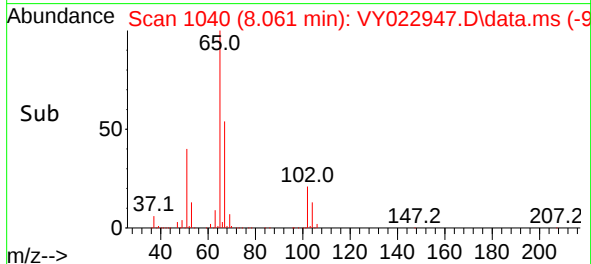
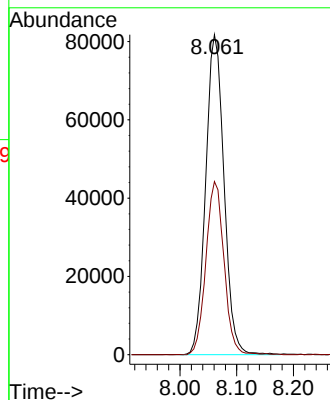
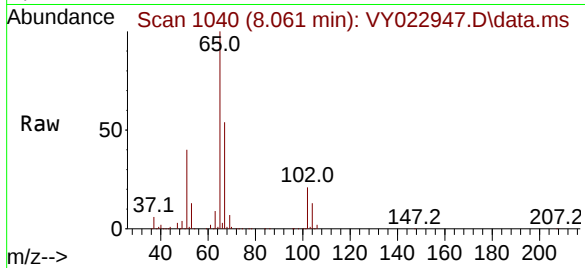




#33
 1,2-Dichloroethane-d4
 Concen: 45.748 ug/l
 RT: 8.061 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY022947.D
 Acq: 07 Jul 2025 09:44

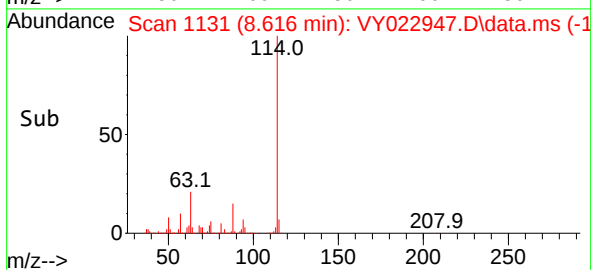
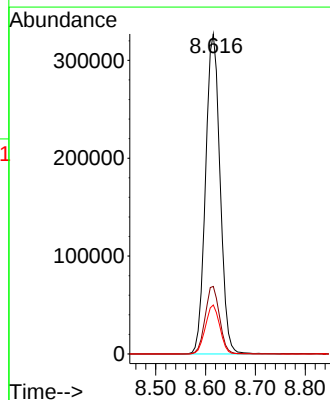
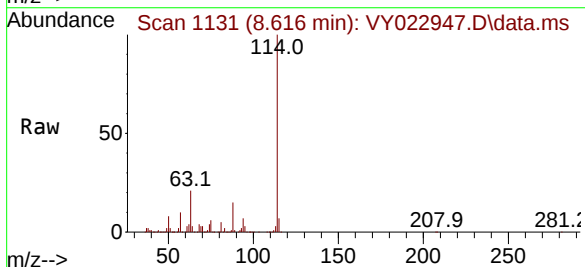
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBL01

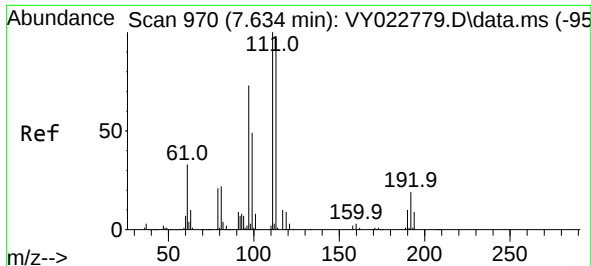
Tgt Ion: 65 Resp: 183707
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022947.D
 Acq: 07 Jul 2025 09:44

Tgt Ion: 114 Resp: 659995
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 15.3 0.0 27.8

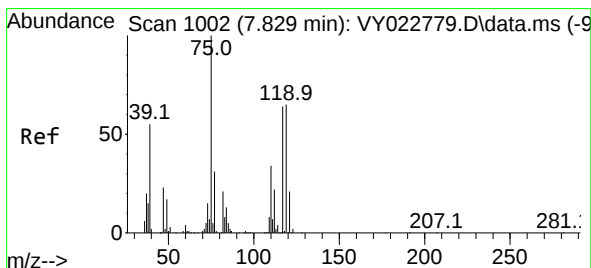
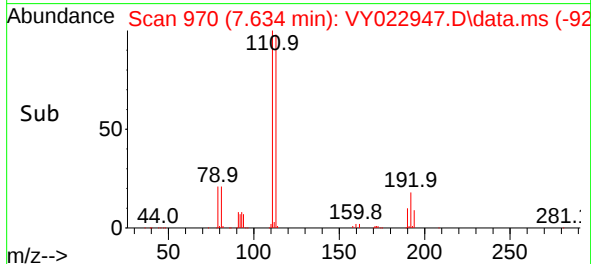
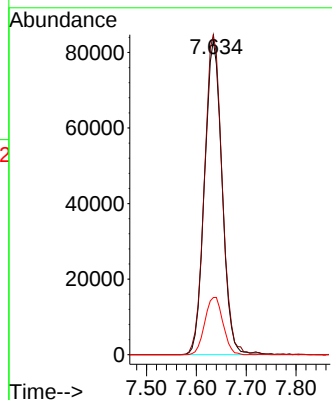
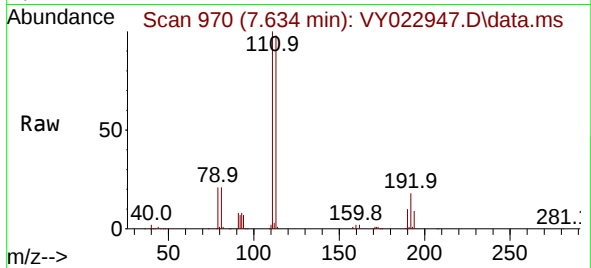




#35
Dibromofluoromethane
Concen: 50.435 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

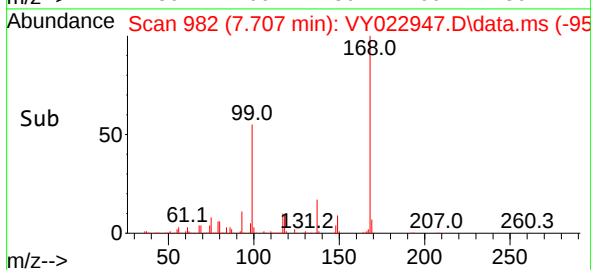
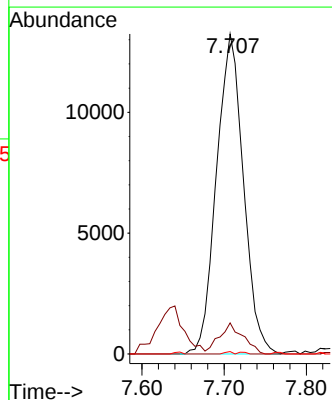
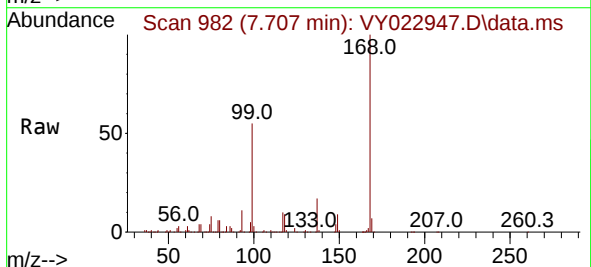
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

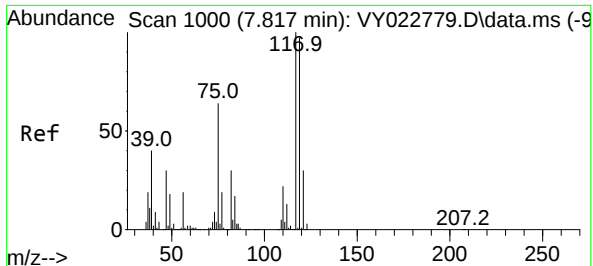
Tgt Ion:113 Resp: 202436
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 18.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 75 Resp: 30091
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.7#
77 0.2 24.8 37.2#

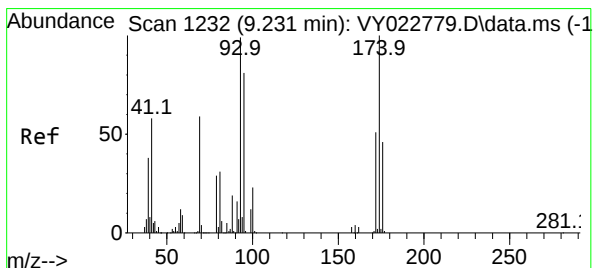
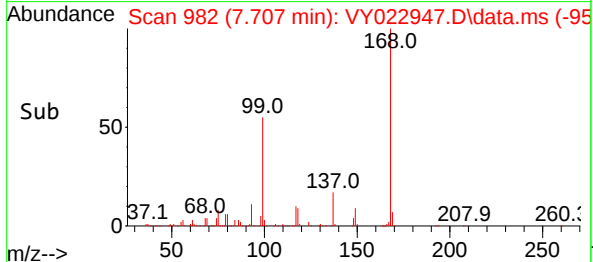
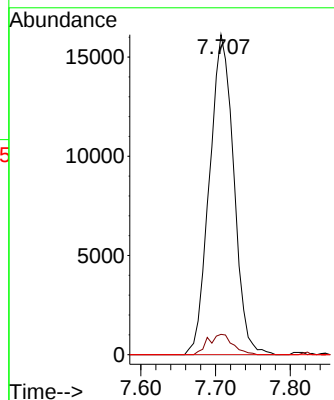
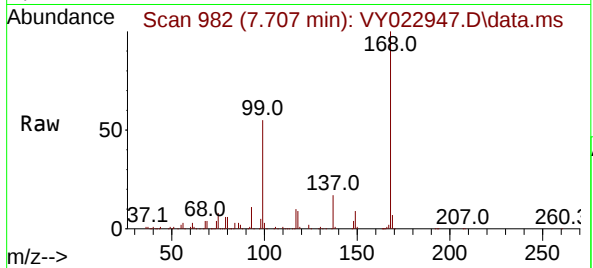




#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

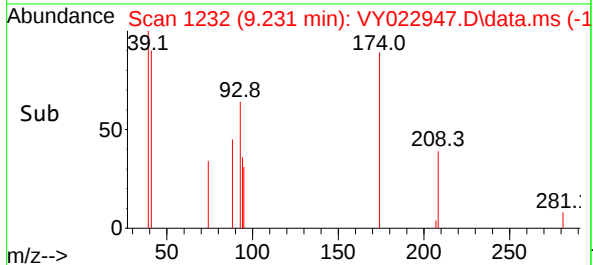
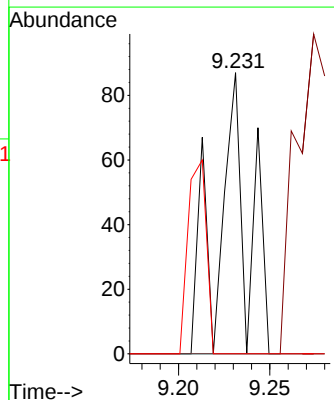
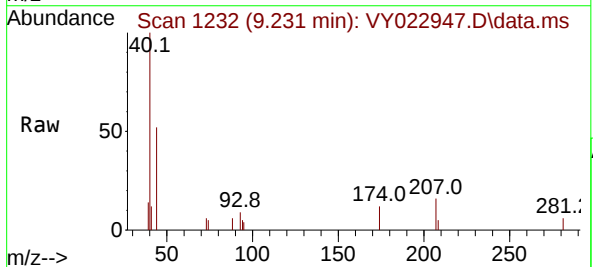
Instrument :
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ClientSampleId :
VY0707SBL01

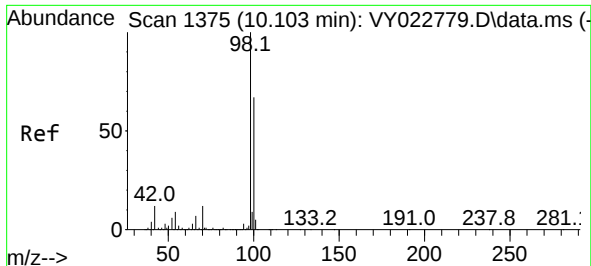
Tgt Ion:117 Resp: 36444
Ion Ratio Lower Upper
117 100
119 6.4 75.0 112.6#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 3.406 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.012 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 42.0 54.9 82.3#

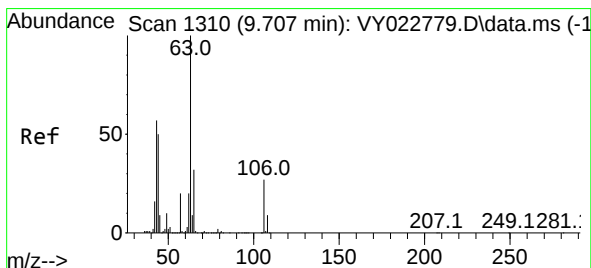
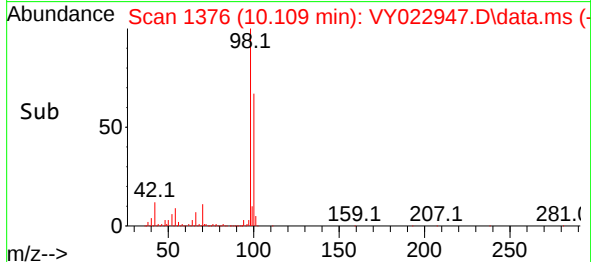
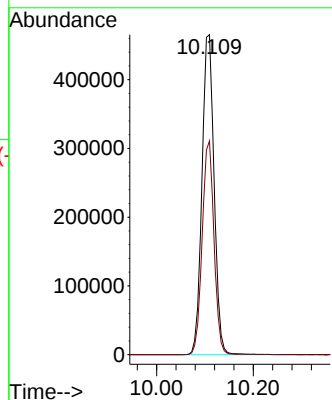
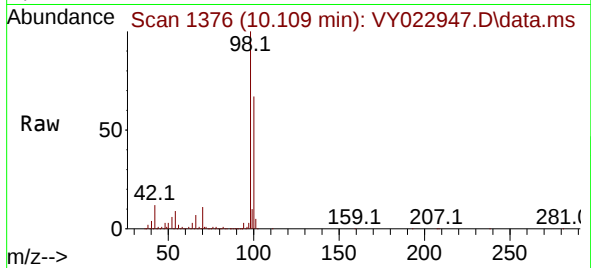




#50
Toluene-d8
Concen: 50.883 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

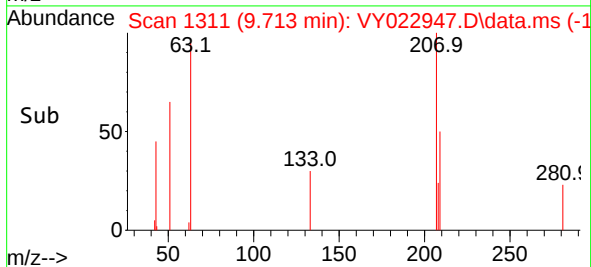
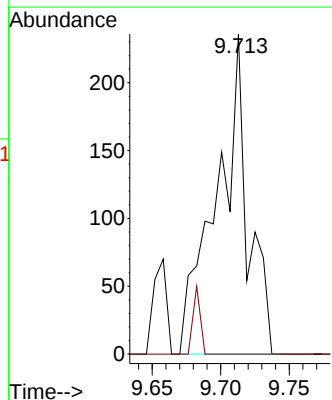
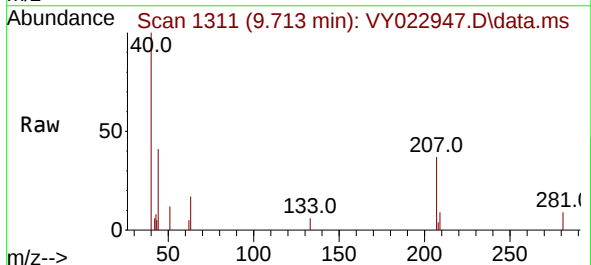
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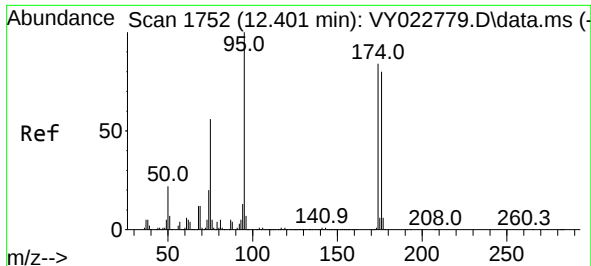
Tgt Ion: 98 Resp: 810431
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#58
2-Chloroethyl Vinyl ether
Concen: 15.809 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 63 Resp: 374
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#

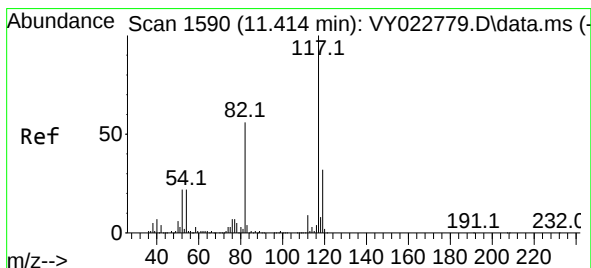
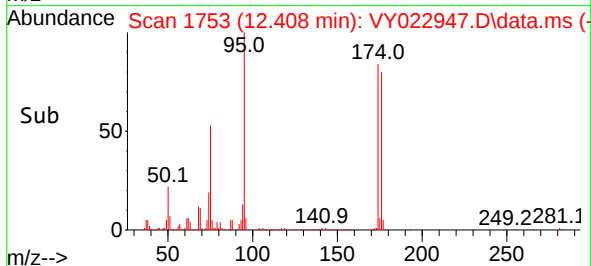
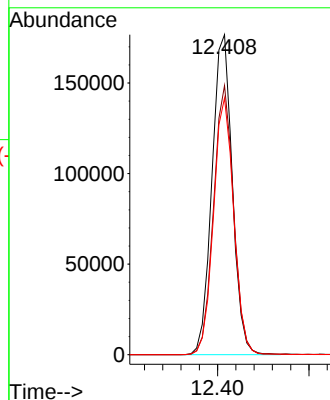
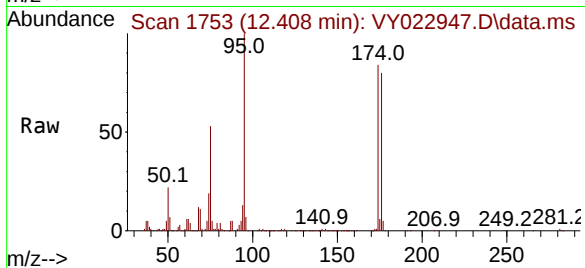




#62
4-Bromofluorobenzene
Concen: 53.264 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

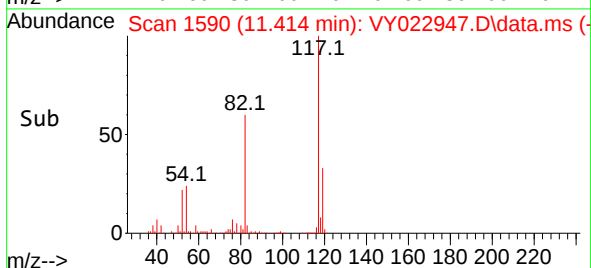
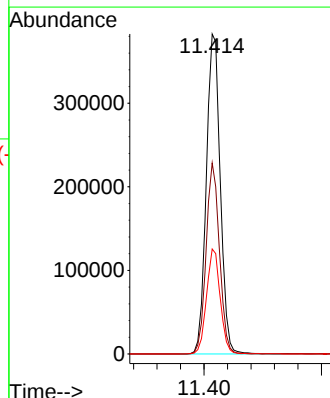
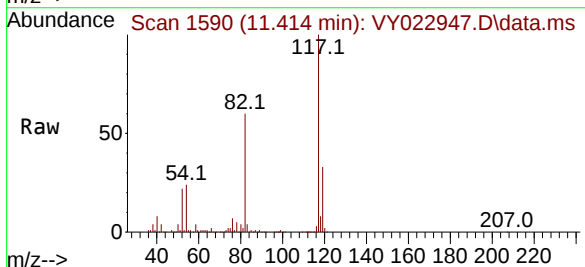
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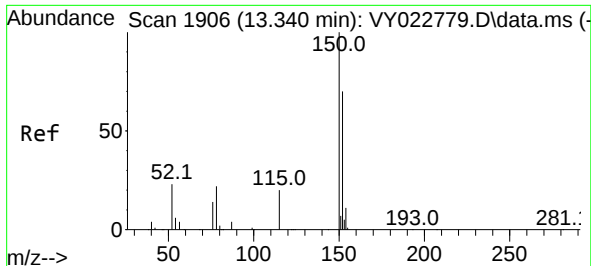
Tgt Ion: 95 Resp: 272718
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 79.9 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 117 Resp: 632698
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 32.8 25.4 38.0

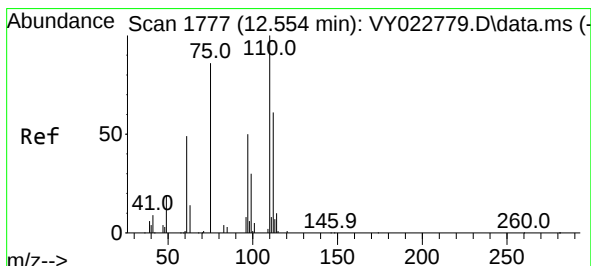
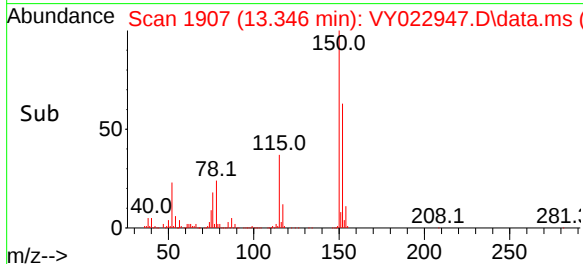
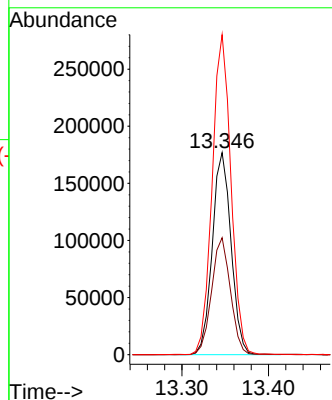
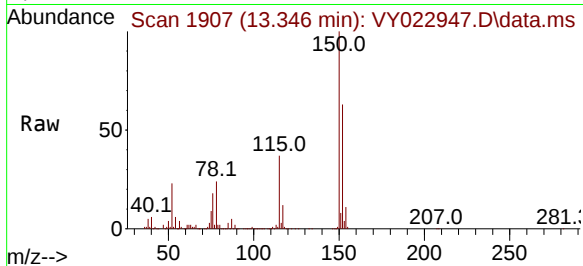




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: VY022947.D
 Acq: 07 Jul 2025 09:44

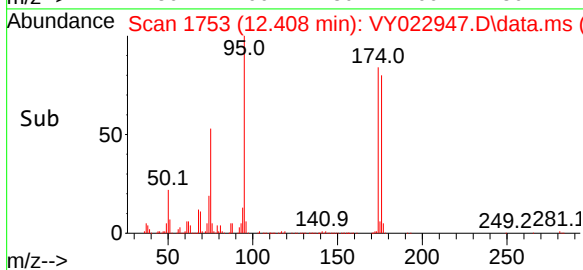
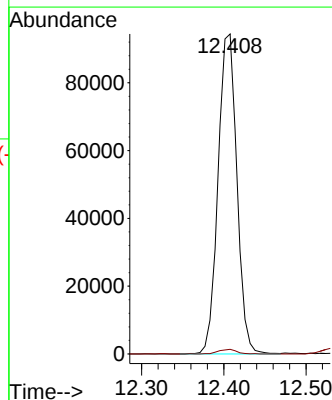
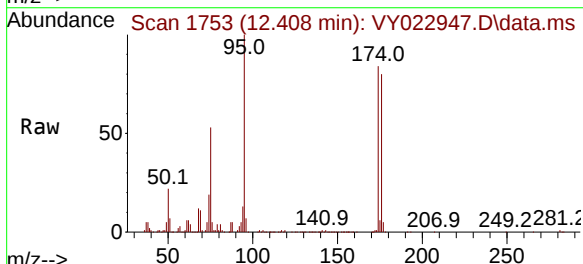
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBL01

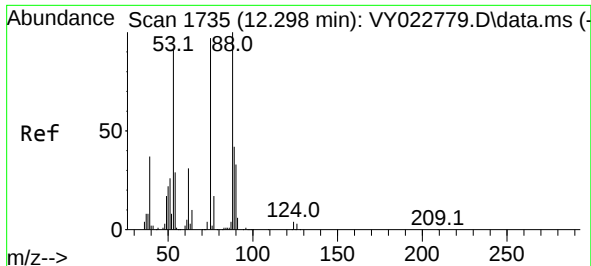
Tgt Ion:152 Resp: 266428
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.9 86.7
 150 158.1 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 55.289 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.147 min
 Lab File: VY022947.D
 Acq: 07 Jul 2025 09:44

Tgt Ion: 75 Resp: 150386
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.681 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022947.D
 Acq: 07 Jul 2025 09:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBL01

Tgt Ion: 75 Resp: 150386
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.0 35.7 53.5#

