

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023946.D
 Acq On : 11 Dec 2025 11:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 12 03:20:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

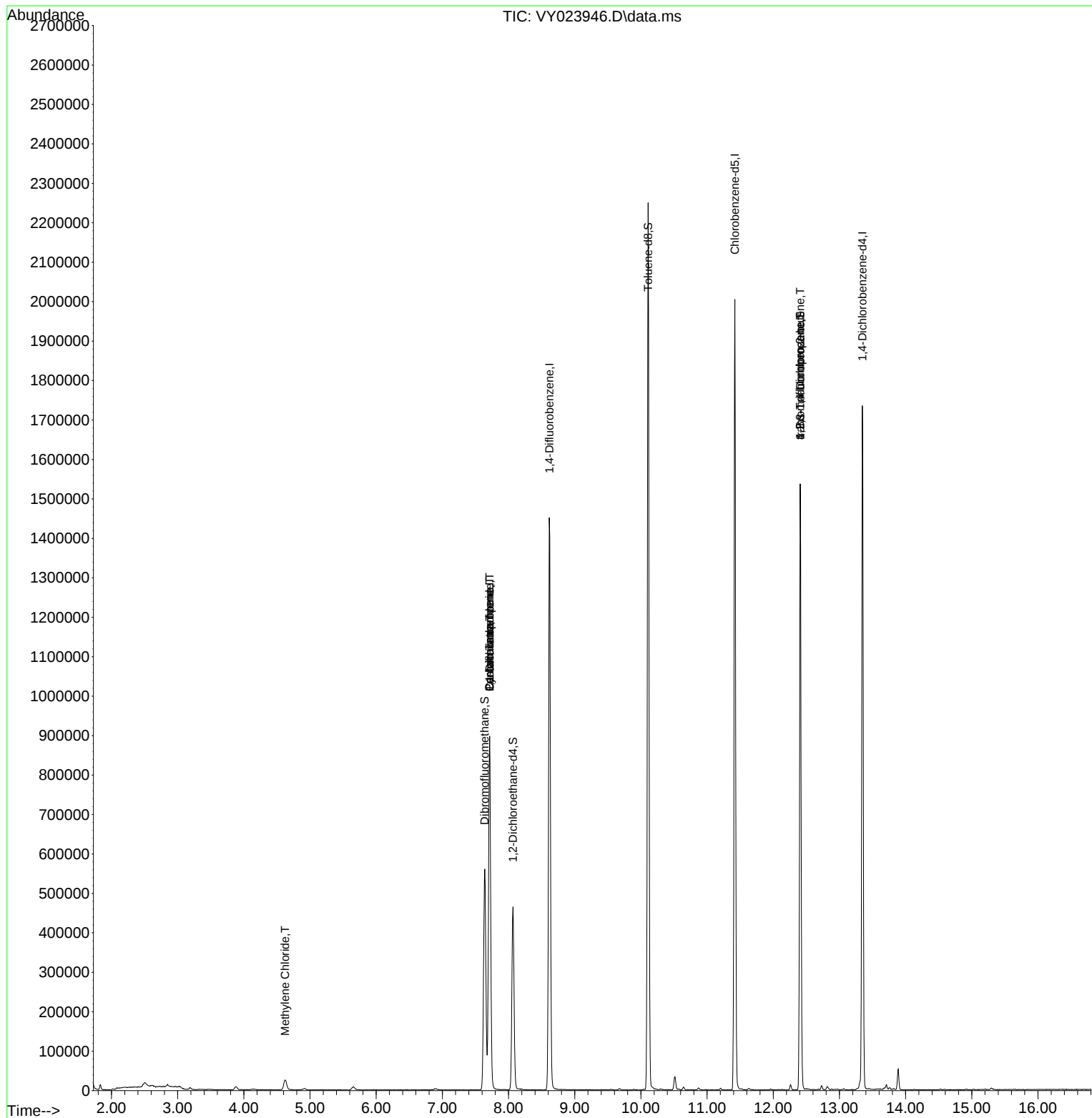
Internal Standards						
1) Pentafluorobenzene	7.713	168	739228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1279001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1094045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	459593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	374260	57.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.520%
35) Dibromofluoromethane	7.640	113	404097	48.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.109	98	1457478	46.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.640%
62) 4-Bromofluorobenzene	12.408	95	438843	42.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.440%
Target Compounds						
						Qvalue
16) Acetone	3.879	43	14324	Below Cal		97
20) Methylene Chloride	4.622	84	21213	2.759	ug/l	95
31) Cyclohexane	7.713	56	13634	1.216	ug/l #	27
36) 1,1-Dichloropropene	7.713	75	51515	4.526	ug/l #	49
38) Carbon Tetrachloride	7.713	117	66993	4.856	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	217603	55.973	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	217603	127.407	ug/l #	12

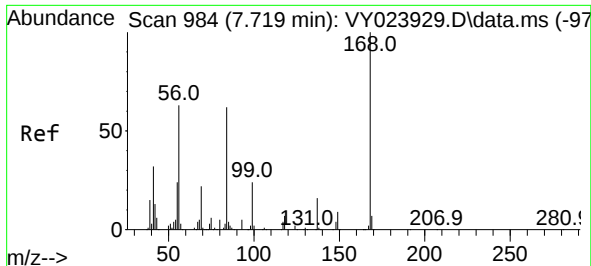
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
Data File : VY023946.D
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Dec 12 03:20:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

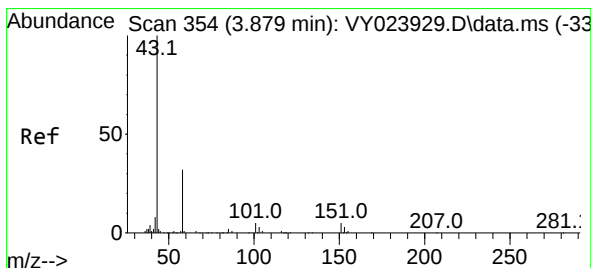
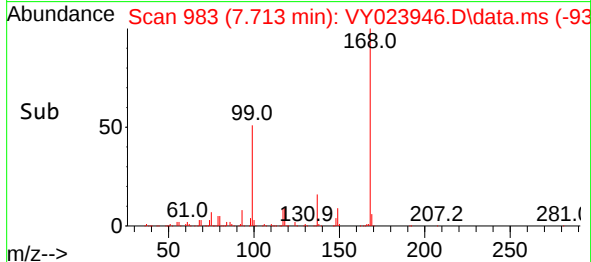
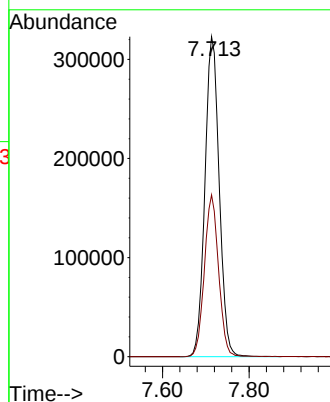
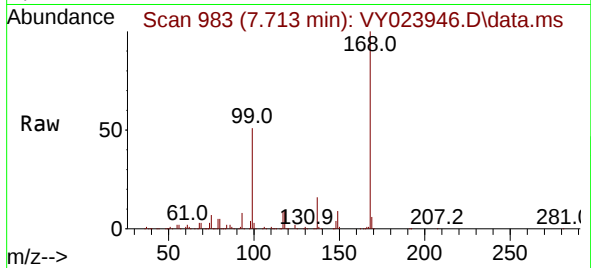




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

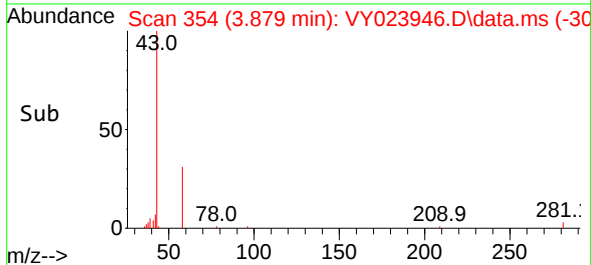
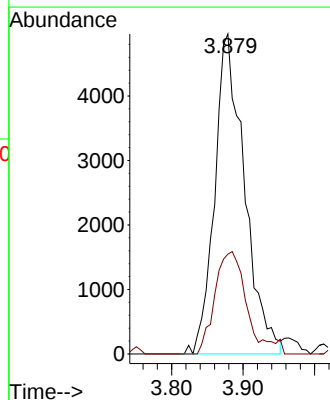
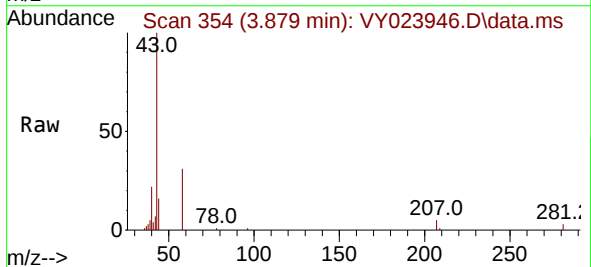
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

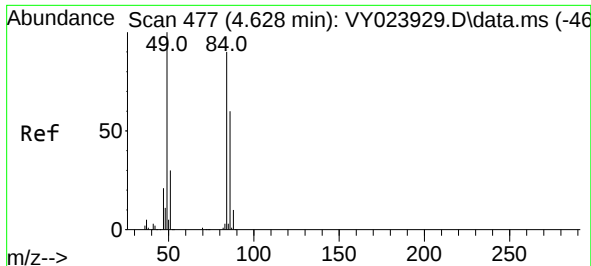
Tgt Ion:168 Resp: 739228
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

Tgt Ion: 43 Resp: 14324
Ion Ratio Lower Upper
43 100
58 31.2 26.4 39.6

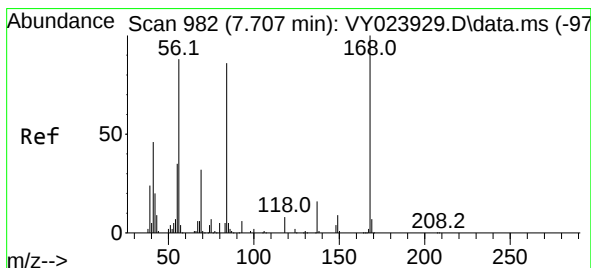
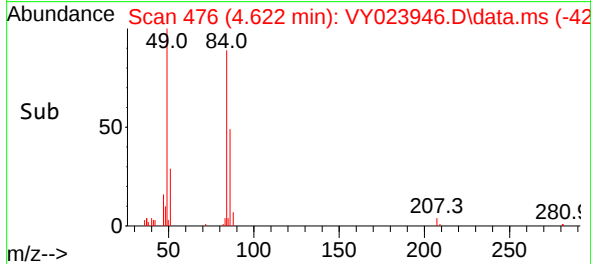
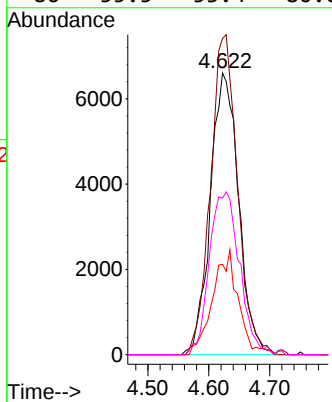
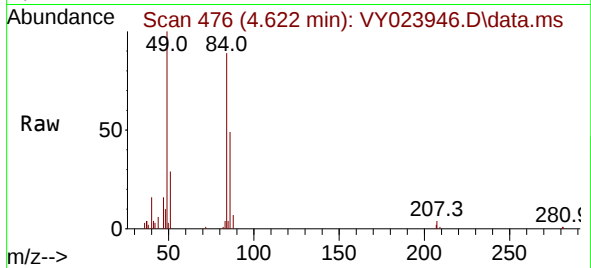




#20
Methylene Chloride
Concen: 2.759 ug/l
RT: 4.622 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

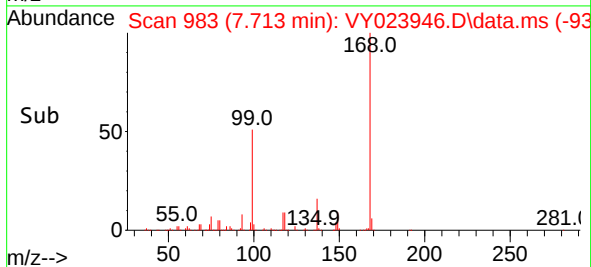
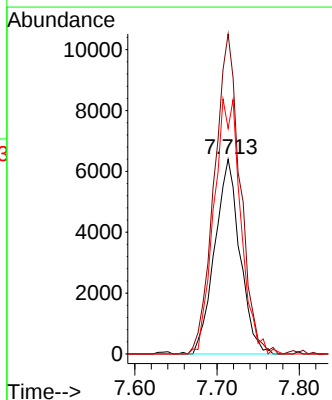
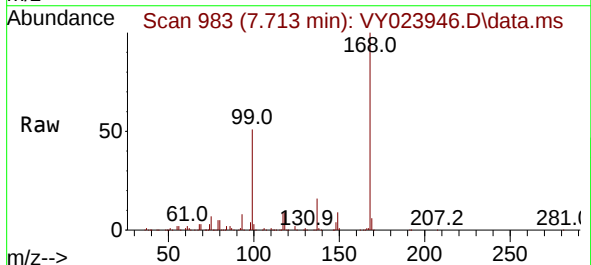
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

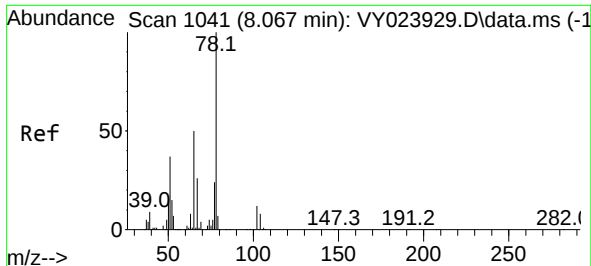
Tgt Ion:	84	Resp:	21213
Ion	Ratio	Lower	Upper
84	100		
49	112.2	89.1	133.7
51	32.1	26.6	39.8
86	55.5	53.4	80.0



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

Tgt Ion:	56	Resp:	13634
Ion	Ratio	Lower	Upper
56	100		
69	164.3	29.1	43.7#
84	115.7	77.8	116.8





#33

1,2-Dichloroethane-d4

Concen: 57.263 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023946.D

Acq: 11 Dec 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

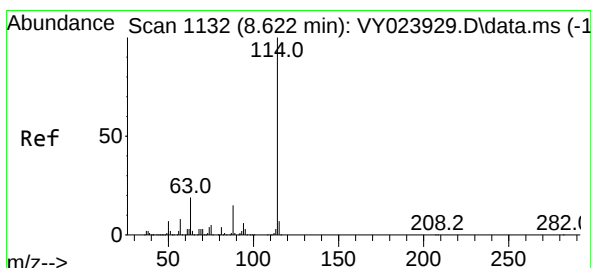
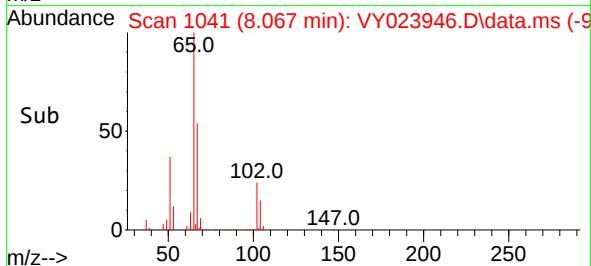
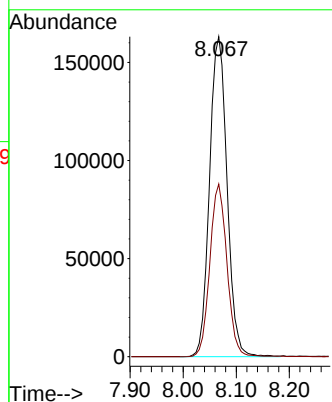
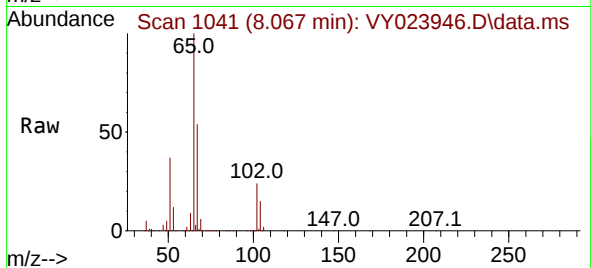
VIBLK

Tgt Ion: 65 Resp: 374260

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY023946.D

Acq: 11 Dec 2025 11:32

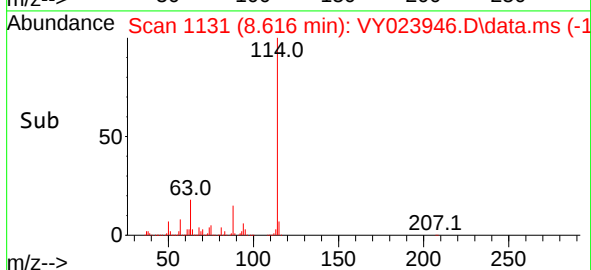
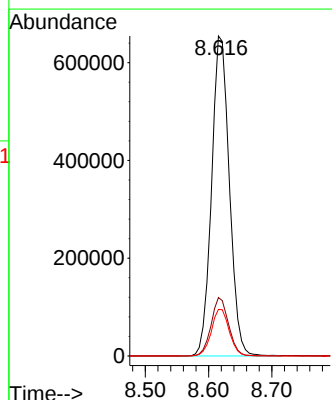
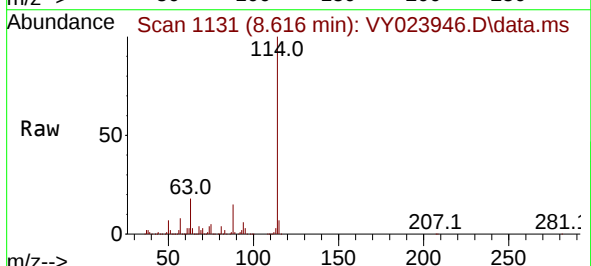
Tgt Ion:114 Resp: 1279001

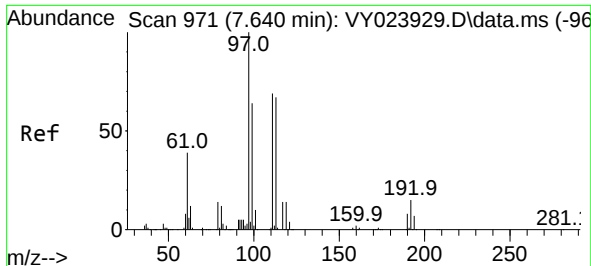
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.2

88 14.5 0.0 29.4

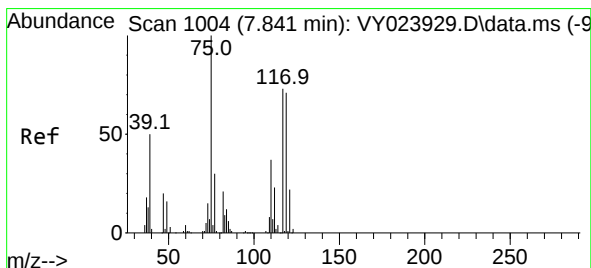
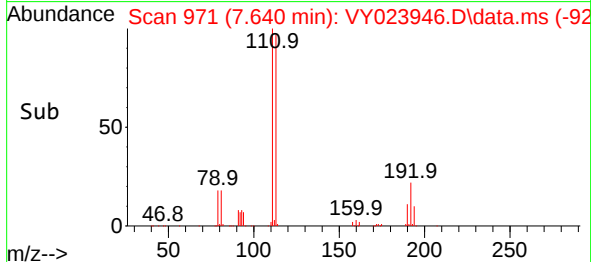
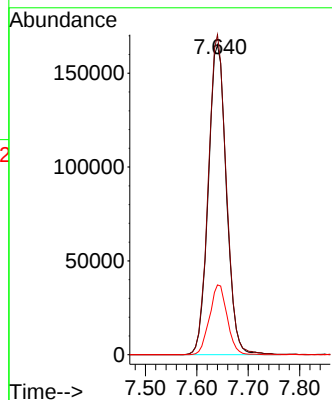
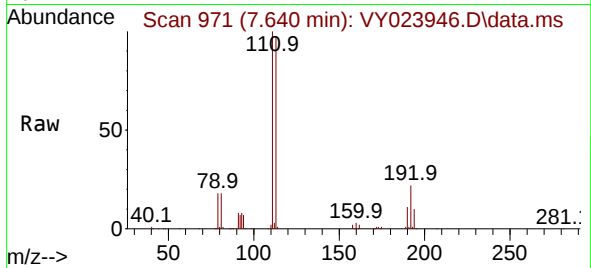




#35
Dibromofluoromethane
Concen: 48.333 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

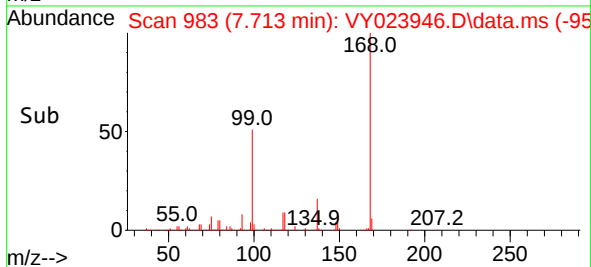
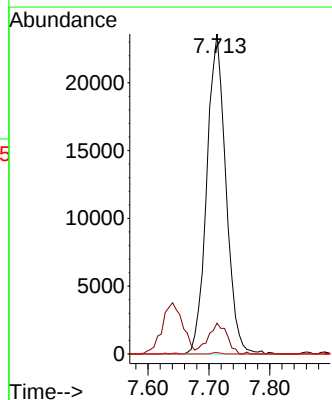
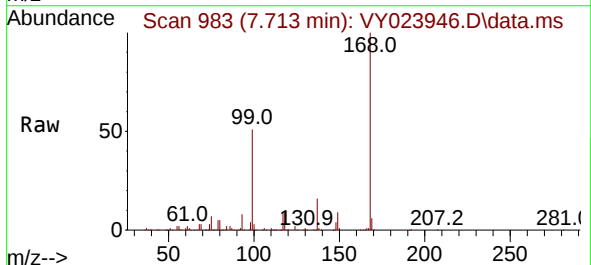
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

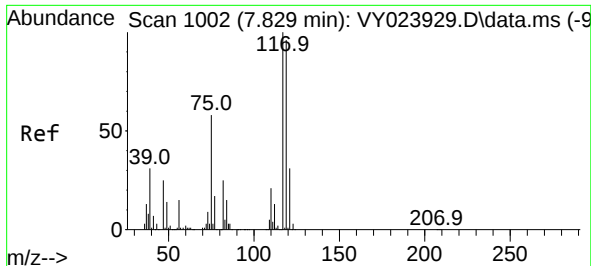
Tgt Ion:113 Resp: 404097
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 21.9 17.9 26.9



#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

Tgt Ion: 75 Resp: 51515
Ion Ratio Lower Upper
75 100
110 9.4 19.2 57.6#
77 0.2 24.4 36.6#

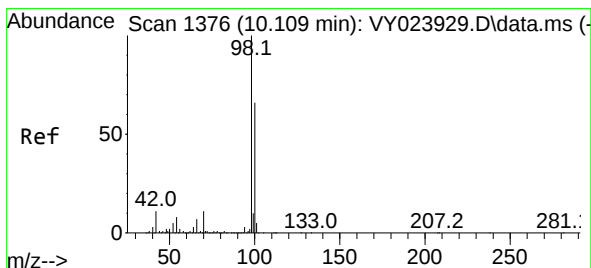
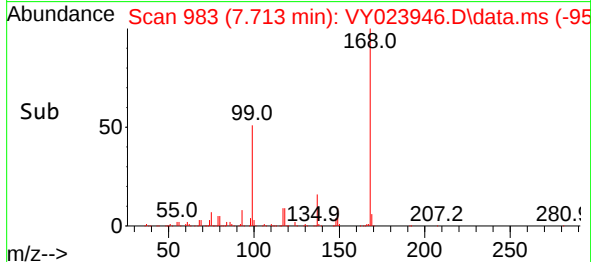
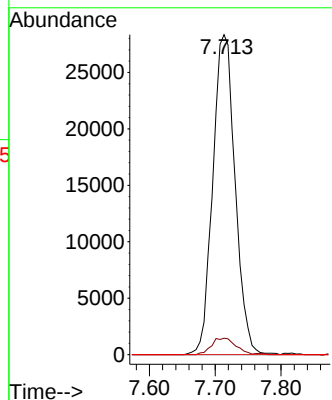
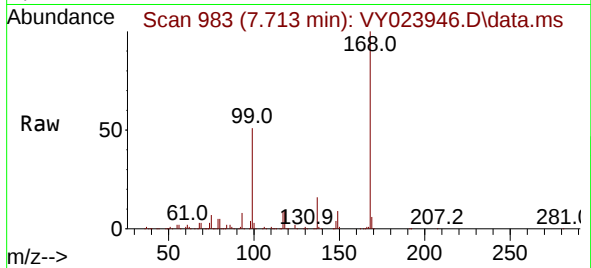




#38
Carbon Tetrachloride
Concen: 4.856 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

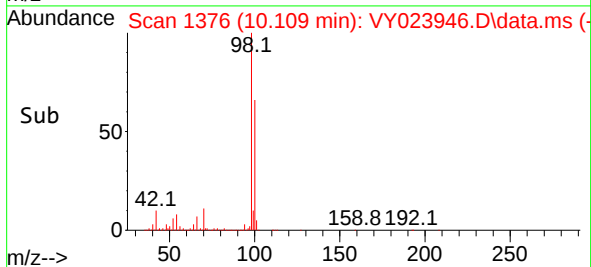
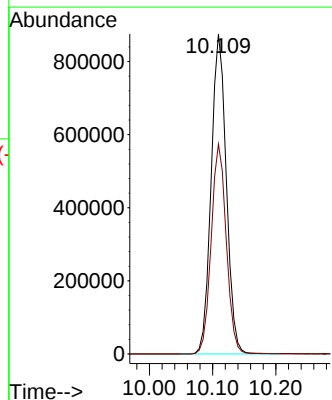
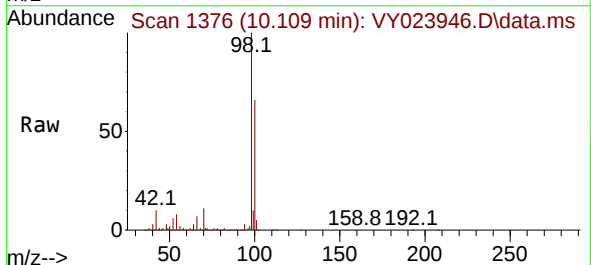
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

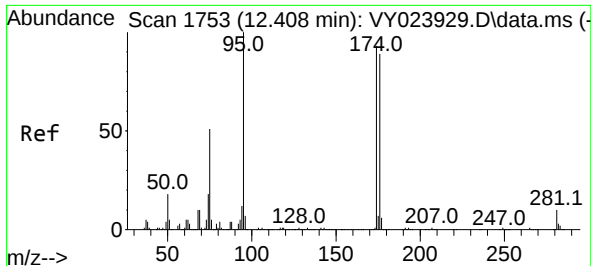
Tgt Ion:117 Resp: 66993
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.822 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

Tgt Ion: 98 Resp: 1457478
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2

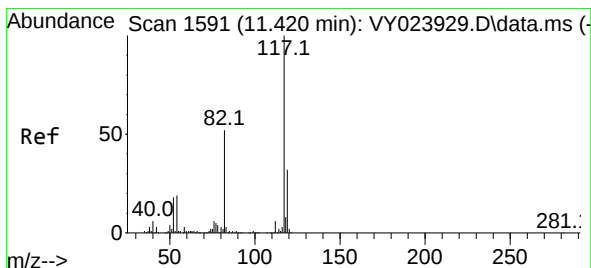
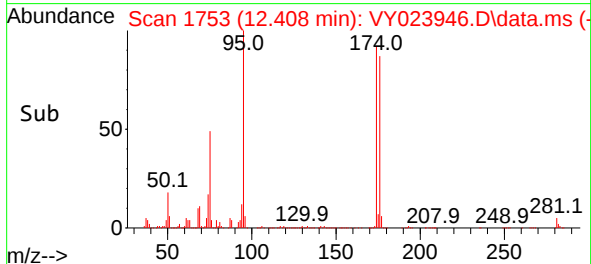
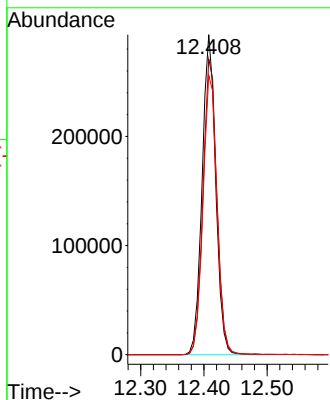
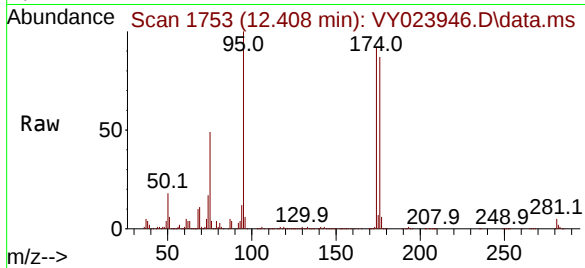




#62
4-Bromofluorobenzene
Concen: 42.215 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

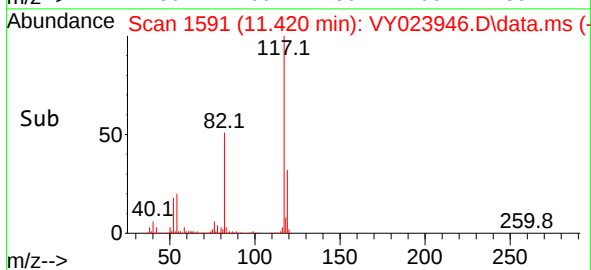
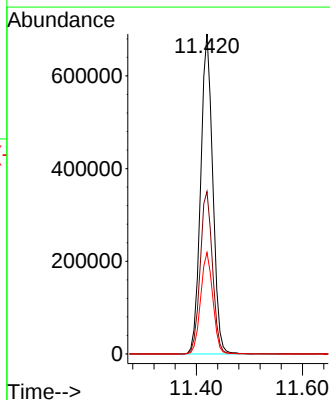
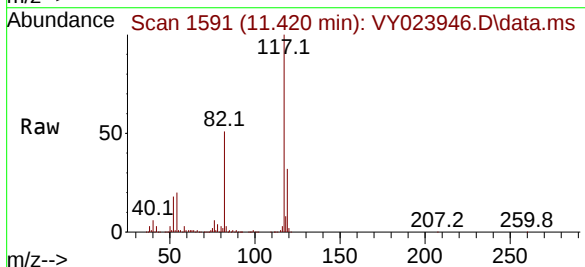
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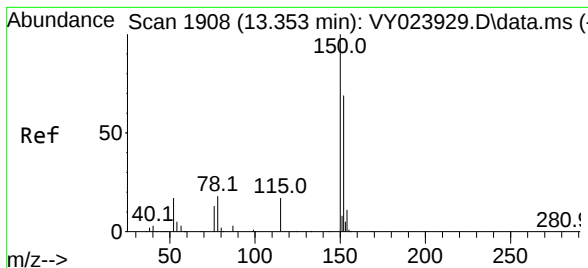
Tgt Ion: 95 Resp: 438843
Ion Ratio Lower Upper
95 100
174 94.4 0.0 187.4
176 90.1 0.0 179.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

Tgt Ion: 117 Resp: 1094045
Ion Ratio Lower Upper
117 100
82 50.7 41.4 62.2
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY023946.D

Acq: 11 Dec 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

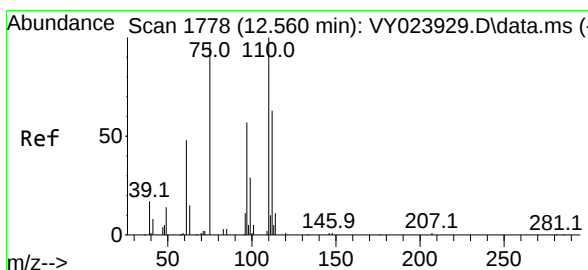
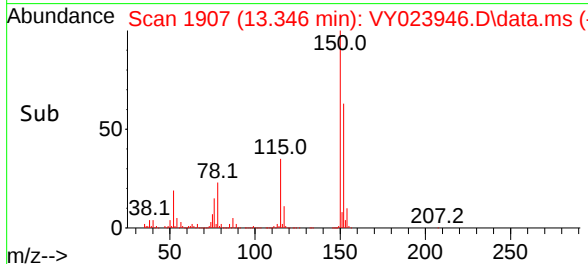
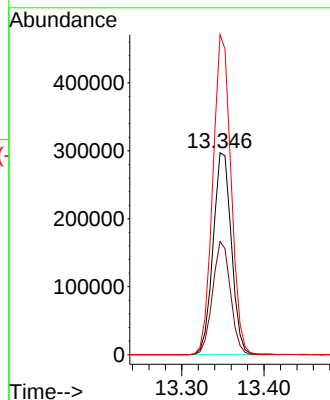
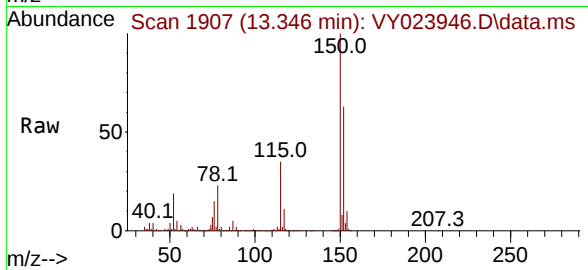
Tgt Ion:152 Resp: 459593

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

150 157.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 55.973 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY023946.D

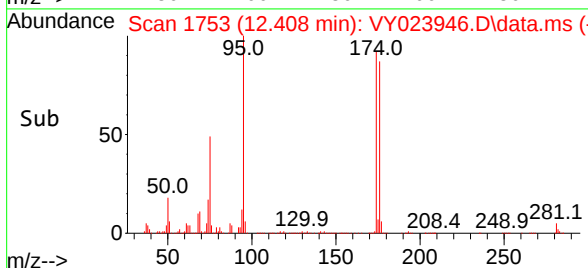
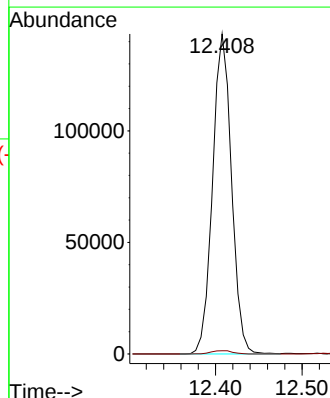
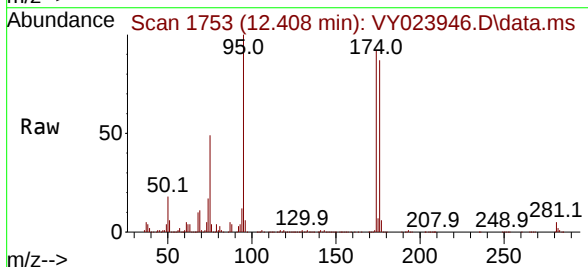
Acq: 11 Dec 2025 11:32

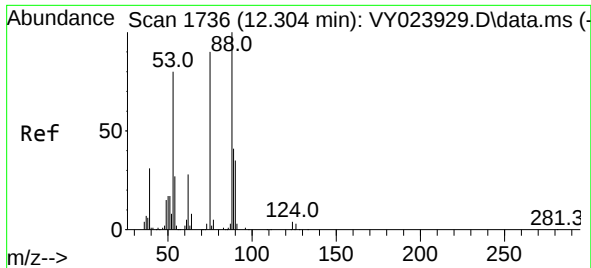
Tgt Ion: 75 Resp: 217603

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.407 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY023946.D
Acq: 11 Dec 2025 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 217603
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.1 38.9 58.3#

