

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021276.D
 Acq On : 21 Feb 2025 11:12
 Operator : SY/MD
 Sample : VY0221SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBL01

Quant Time: Feb 21 23:04:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

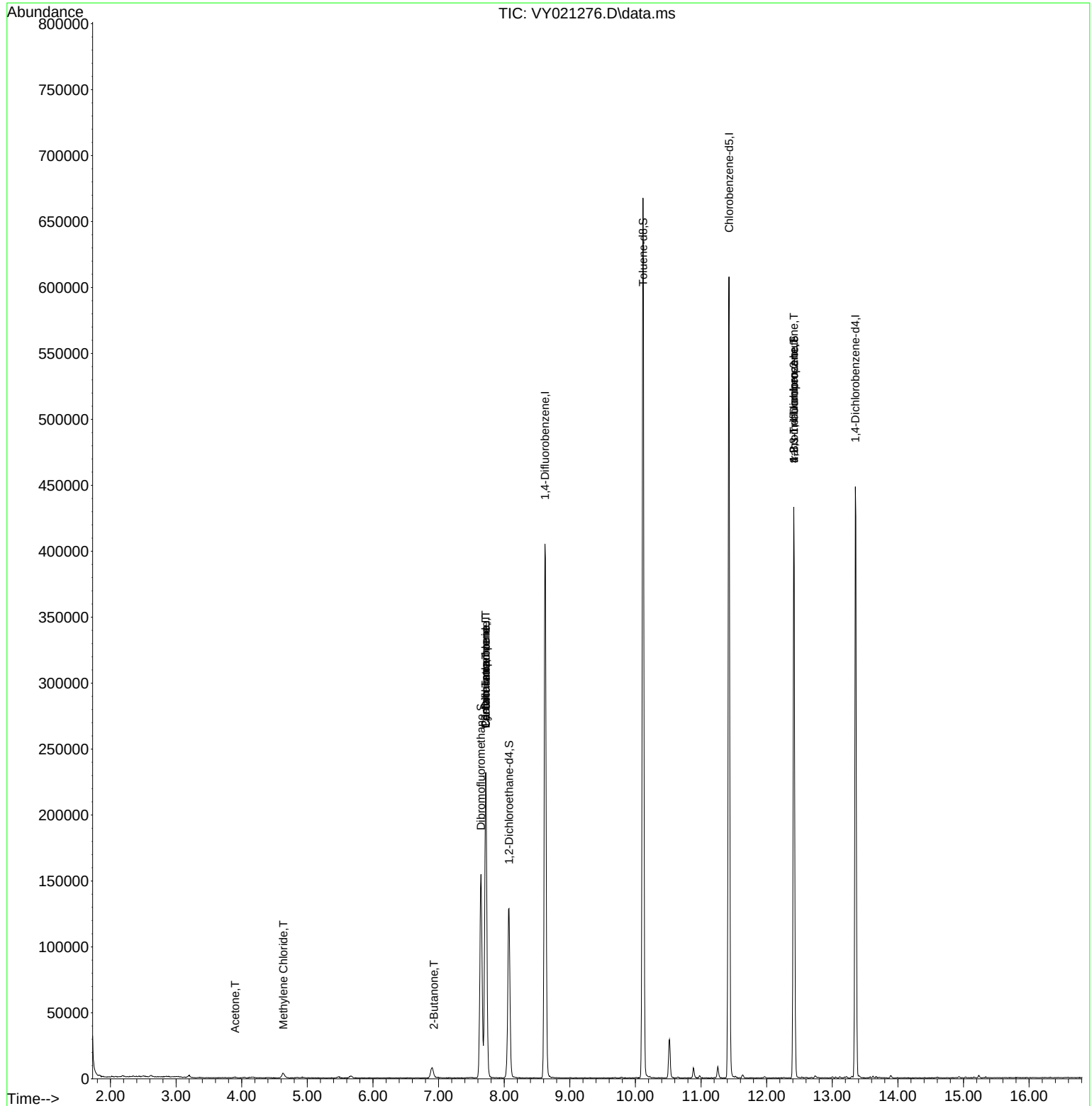
Internal Standards						
1) Pentafluorobenzene	7.719	168	172979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	302645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	107899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	100137	56.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.000%
35) Dibromofluoromethane	7.646	113	107788	50.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.120%
50) Toluene-d8	10.115	98	411879	50.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.414	95	121264	45.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.460%
Target Compounds						
						Qvalue
16) Acetone	3.897	43	860	3.112	ug/l	90
20) Methylene Chloride	4.634	84	2328	1.355	ug/l #	85
25) 2-Butanone	6.927	43	465	1.024	ug/l #	48
31) Cyclohexane	7.719	56	3946	1.305	ug/l #	36
36) 1,1-Dichloropropene	7.719	75	14383	4.555	ug/l #	50
38) Carbon Tetrachloride	7.719	117	18398	4.986	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	67850	69.321	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	67850	141.448	ug/l #	12

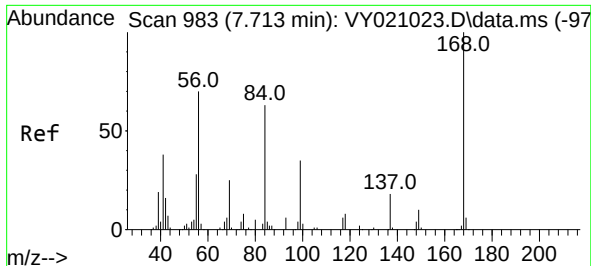
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
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Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

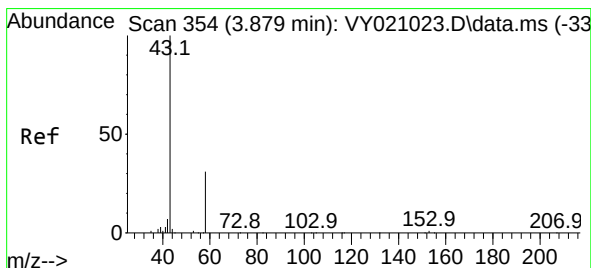
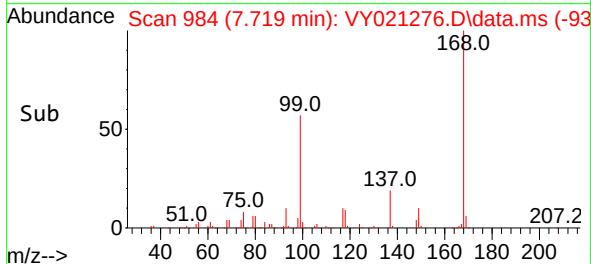
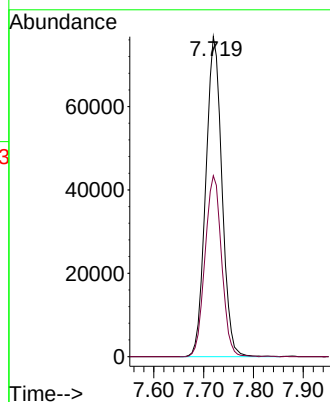
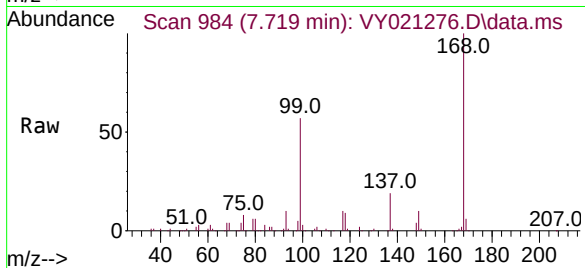




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

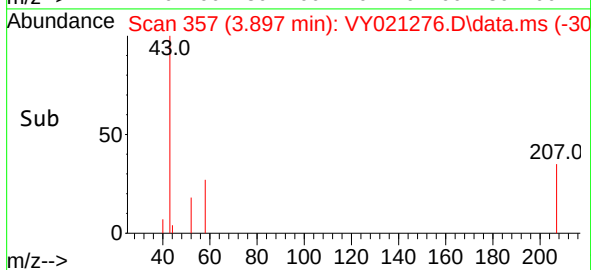
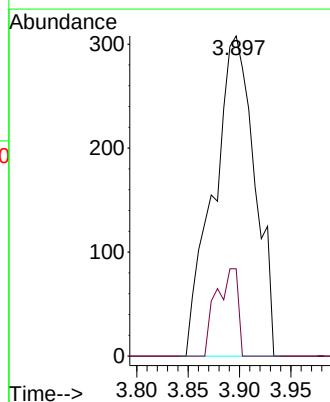
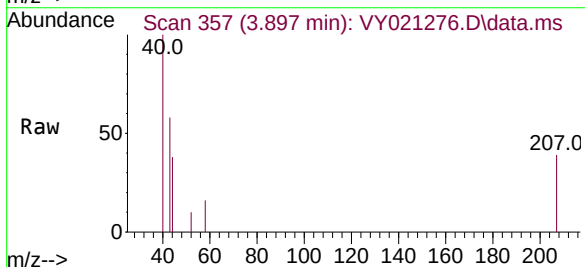
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

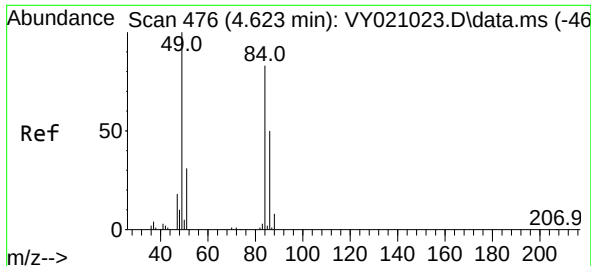
Tgt Ion:168 Resp: 172979
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#16
Acetone
Concen: 3.112 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 27.3 26.6 39.8

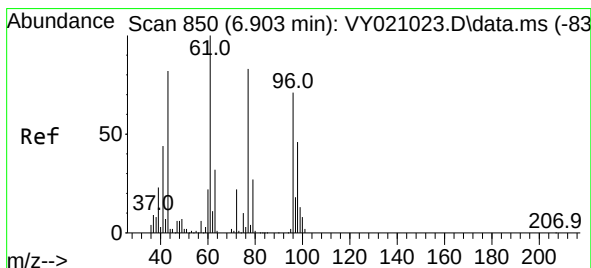
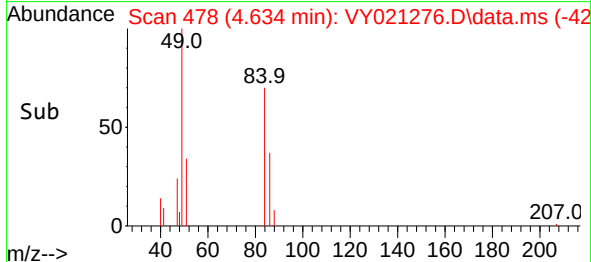
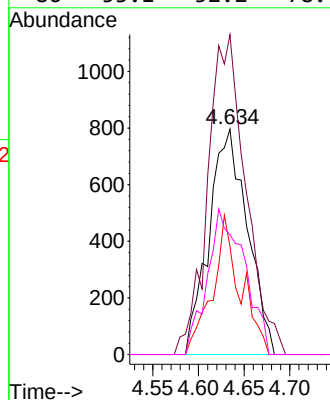
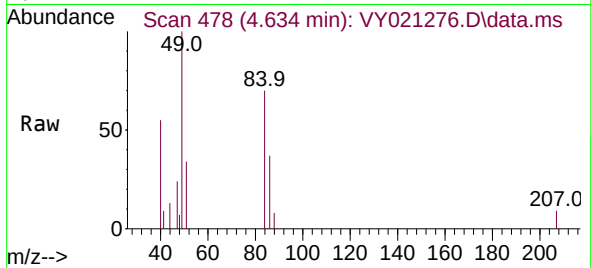




#20
Methylene Chloride
Concen: 1.355 ug/l
RT: 4.634 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

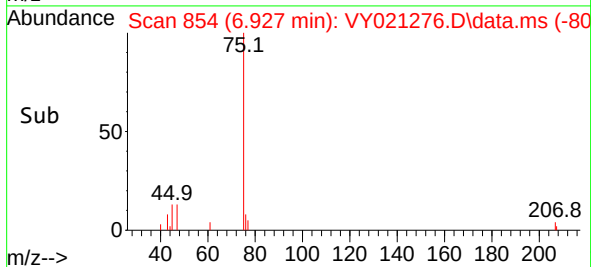
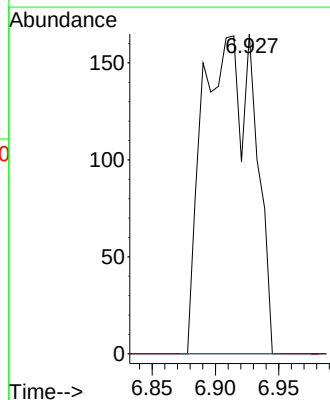
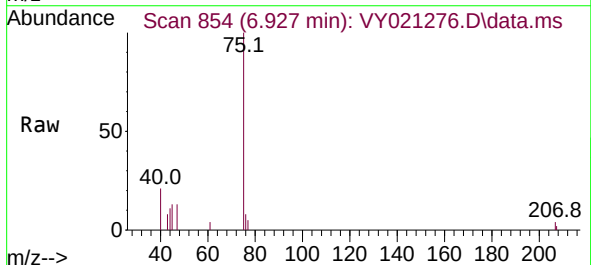
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

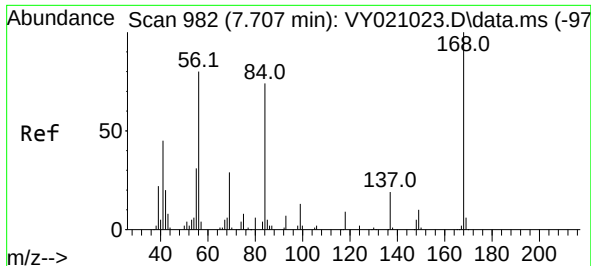
Tgt Ion:	84	Resp:	2328
Ion	Ratio	Lower	Upper
84	100		
49	135.2	95.2	142.8
51	48.0	29.9	44.9#
86	53.1	52.2	78.4



#25
2-Butanone
Concen: 1.024 ug/l
RT: 6.927 min Scan# 854
Delta R.T. 0.024 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion:	43	Resp:	465
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#

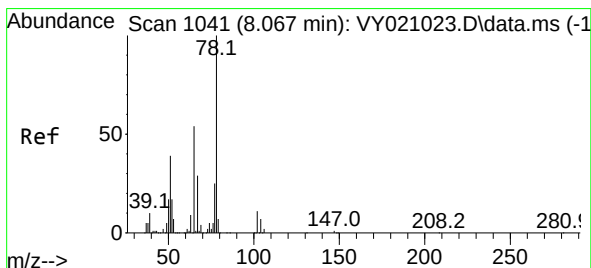
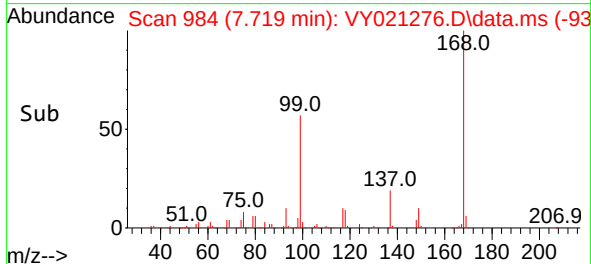
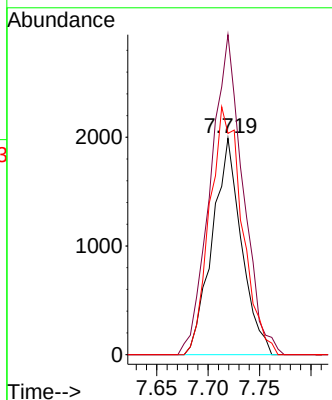
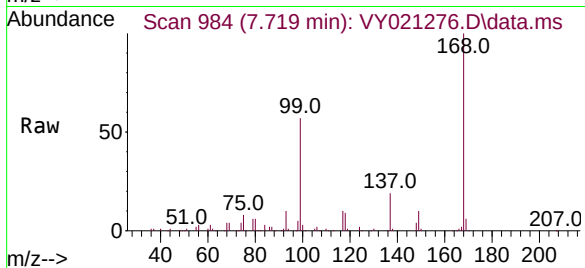




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

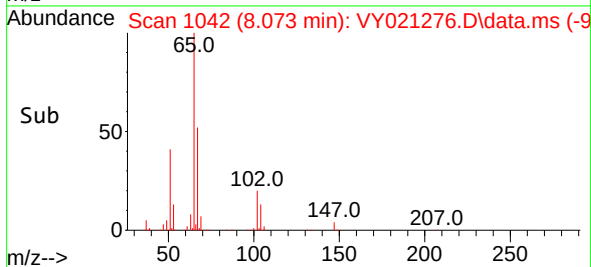
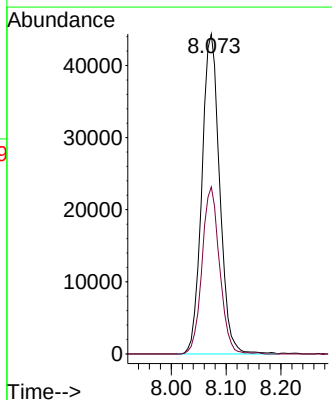
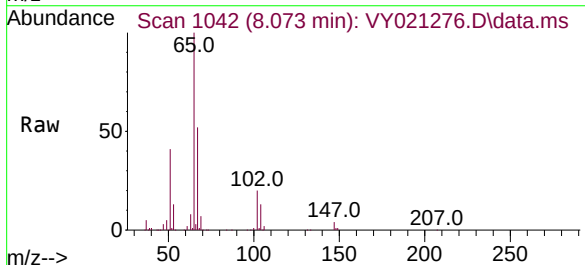
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

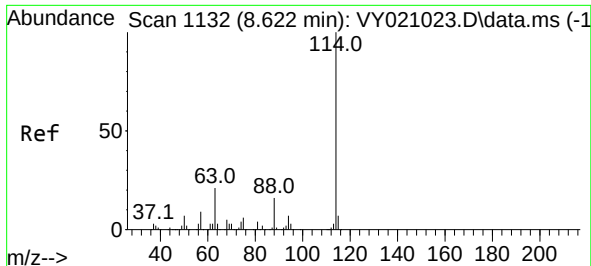
Tgt Ion: 56 Resp: 3946
Ion Ratio Lower Upper
56 100
69 147.8 27.0 40.6#
84 102.2 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 56.501 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion: 65 Resp: 100137
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0

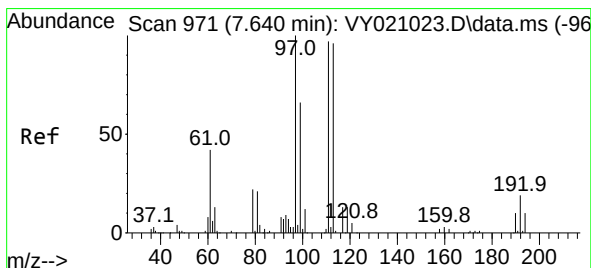
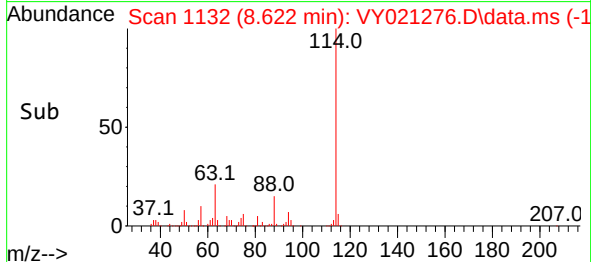
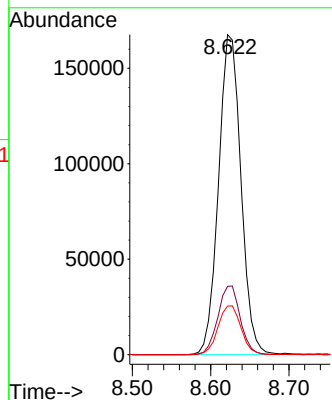
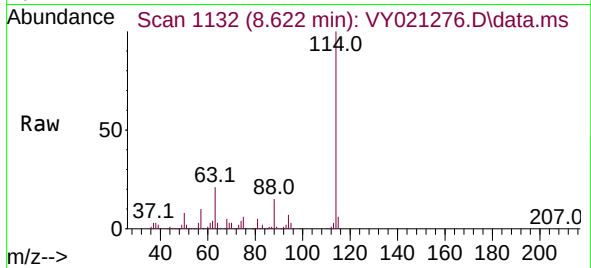




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

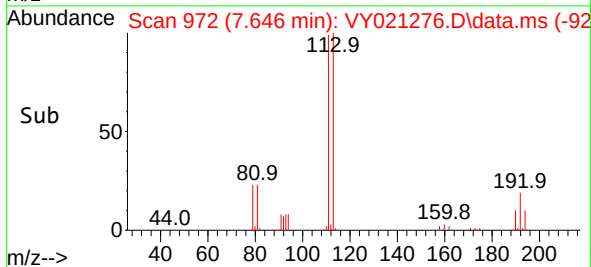
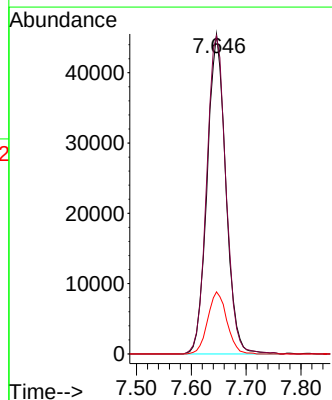
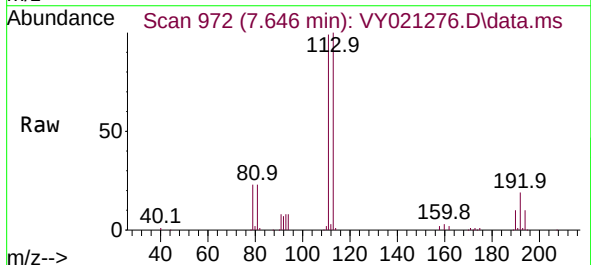
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBL01

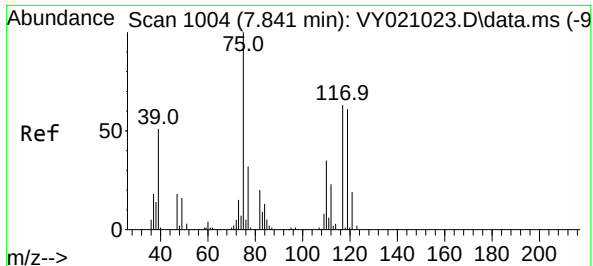
Tgt Ion:114 Resp: 332665
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.4
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion:113 Resp: 107788
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 19.8 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.555 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBL01

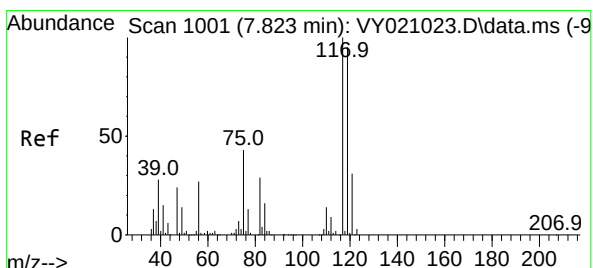
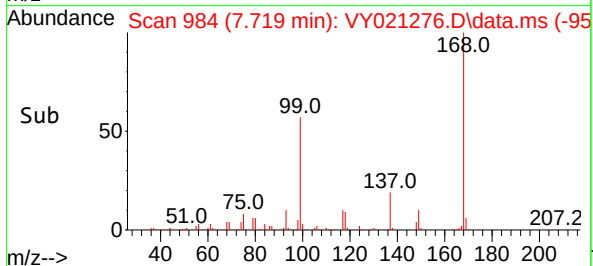
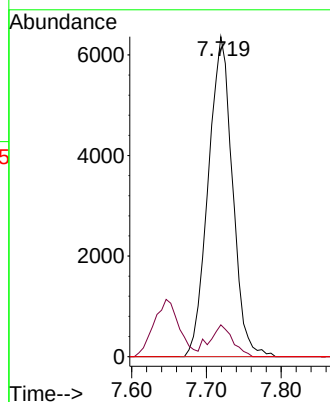
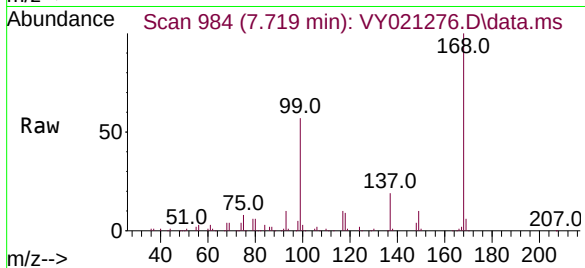
Tgt Ion: 75 Resp: 14383

Ion Ratio Lower Upper

75 100

110 9.3 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.986 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

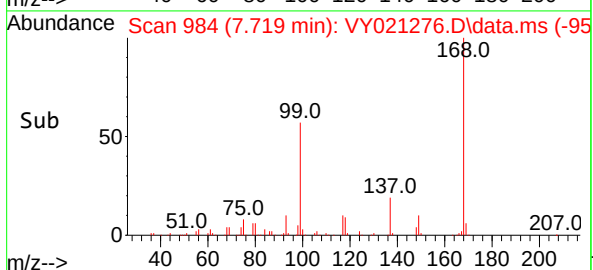
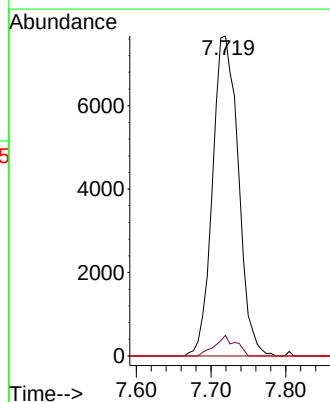
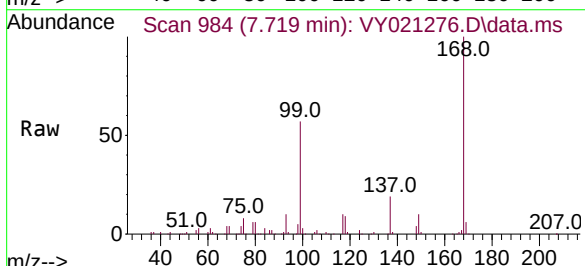
Tgt Ion: 117 Resp: 18398

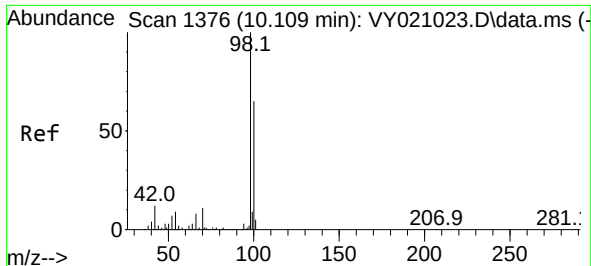
Ion Ratio Lower Upper

117 100

119 6.4 76.0 114.0#

121 0.0 24.2 36.2#

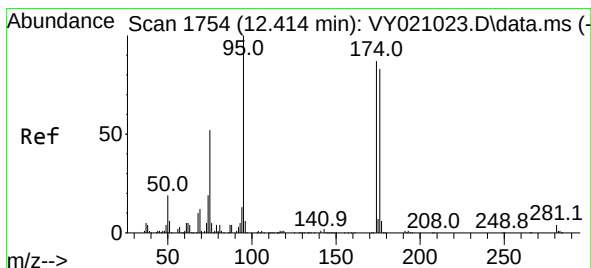
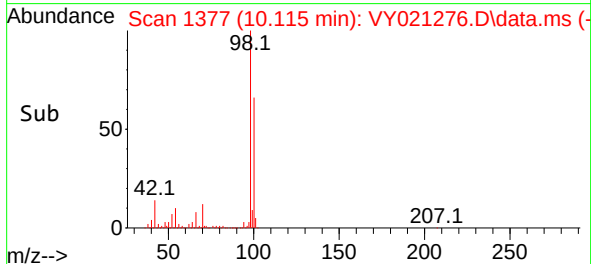
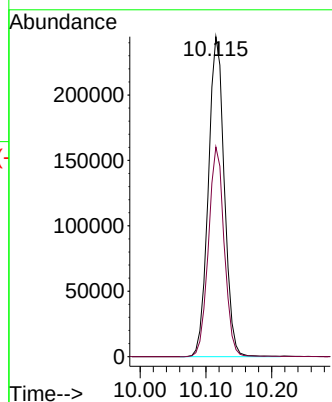
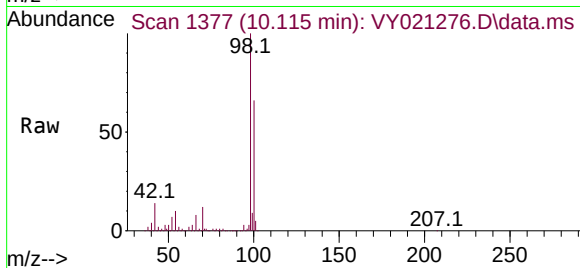




#50
Toluene-d8
Concen: 50.746 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

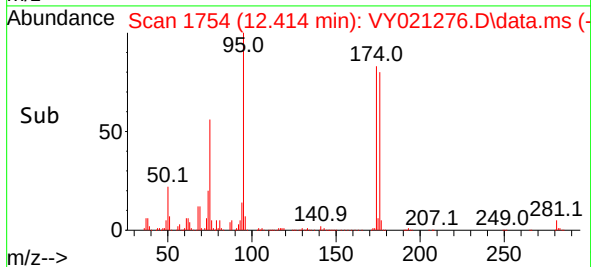
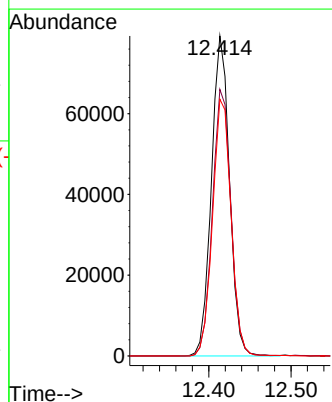
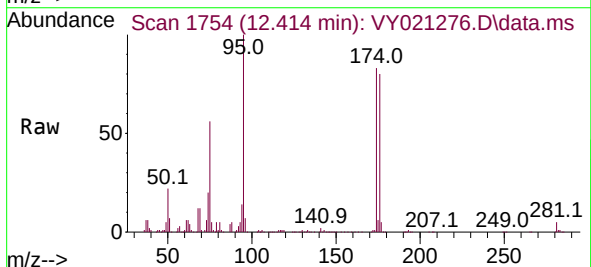
Instrument :
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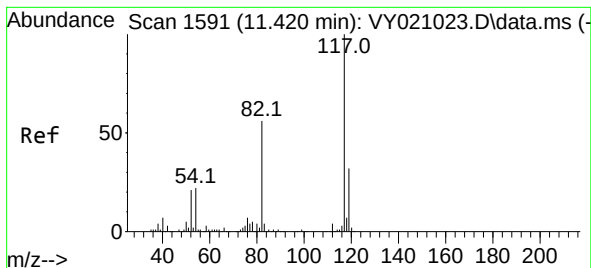
Tgt Ion: 98 Resp: 411879
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.732 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021276.D
Acq: 21 Feb 2025 11:12

Tgt Ion: 95 Resp: 121264
Ion Ratio Lower Upper
95 100
174 85.0 0.0 160.0
176 82.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBL01

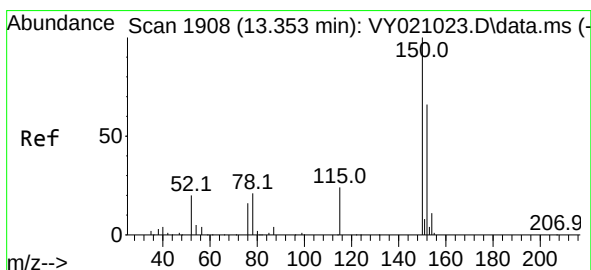
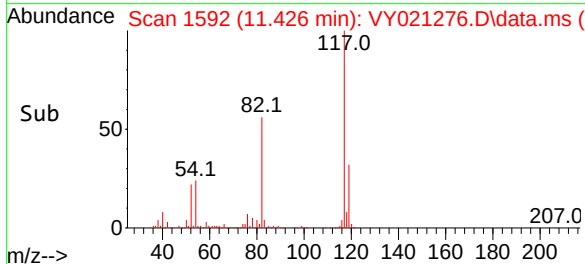
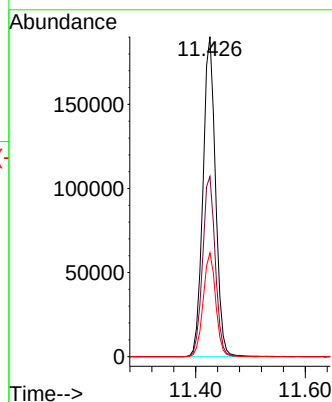
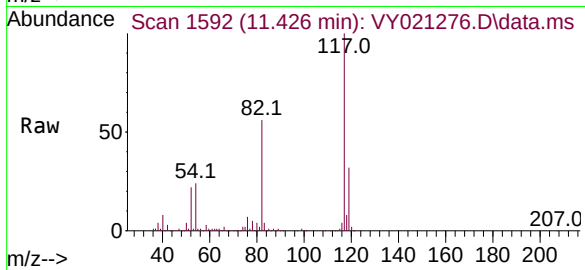
Tgt Ion:117 Resp: 302645

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

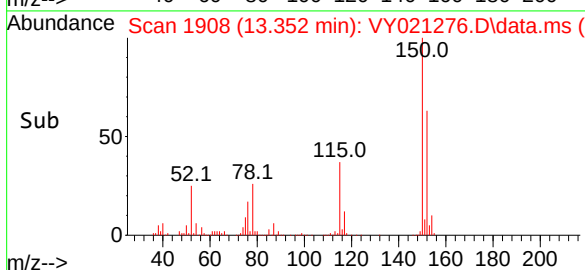
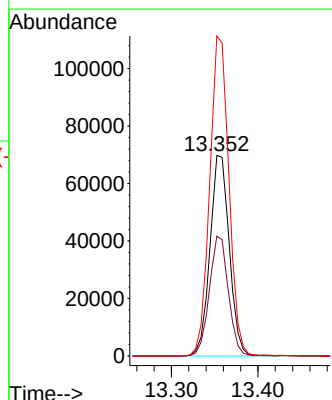
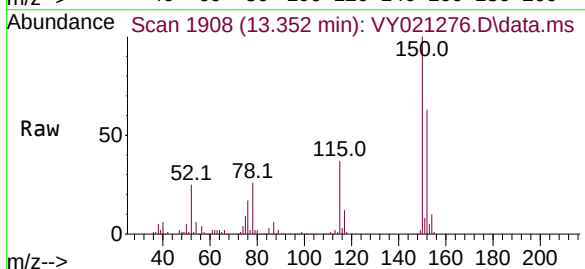
Tgt Ion:152 Resp: 107899

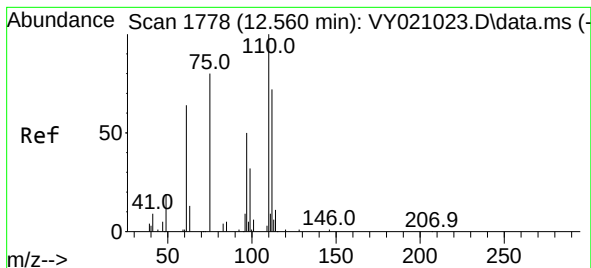
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 158.8 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 69.321 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.147 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

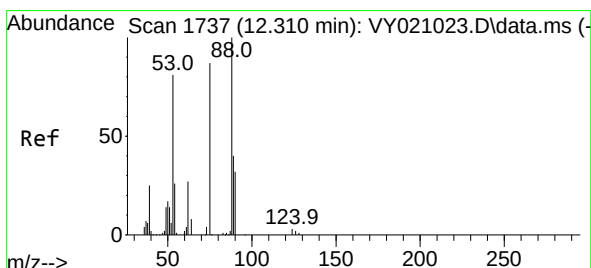
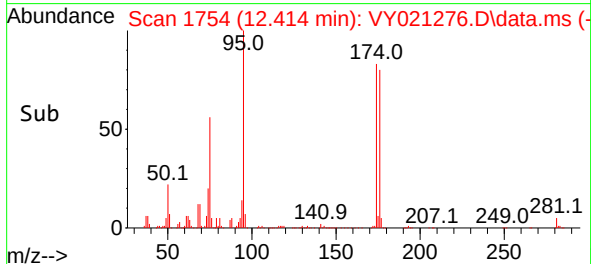
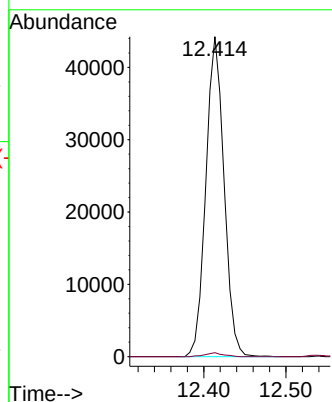
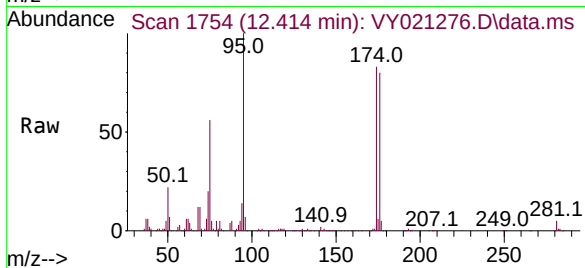
VY0221SBL01

Tgt Ion: 75 Resp: 67850

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.448 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.103 min

Lab File: VY021276.D

Acq: 21 Feb 2025 11:12

Tgt Ion: 75 Resp: 67850

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#

