

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021270.D
 Acq On : 20 Feb 2025 23:20
 Operator : SY/MD
 Sample : Q1388-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:49:12 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

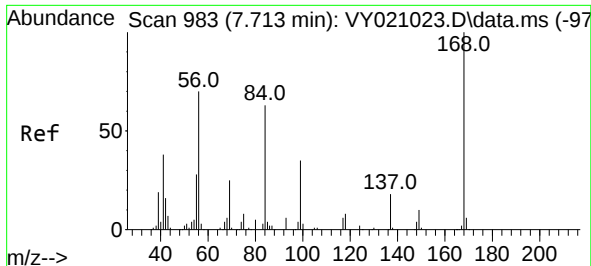
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	16542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	24743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	20324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	4638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	8834	52.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.646	113	8508	53.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.300%	
50) Toluene-d8	10.115	98	29154	48.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	12.414	95	6596	33.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 66.880%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.628	84	191	1.162	ug/l #	59
31) Cyclohexane	7.719	56	390	1.349	ug/l #	17
38) Carbon Tetrachloride	7.719	117	1746	6.362	ug/l #	12
51) 4-Methyl-2-Pentanone	10.121	43	146	1.418	ug/l #	1
76) 1,2,3-Trichloropropane	12.420	75	3595	85.448	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	3595	174.355	ug/l #	12

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

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QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

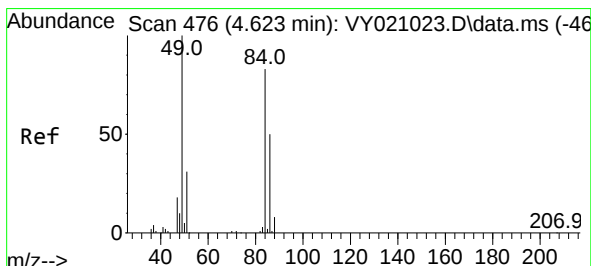
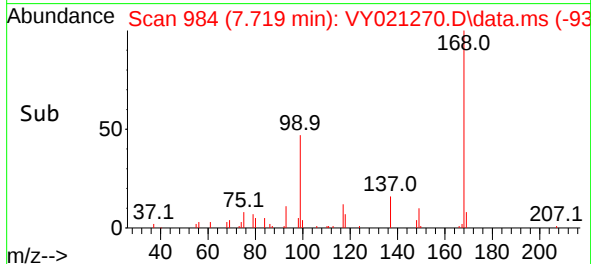
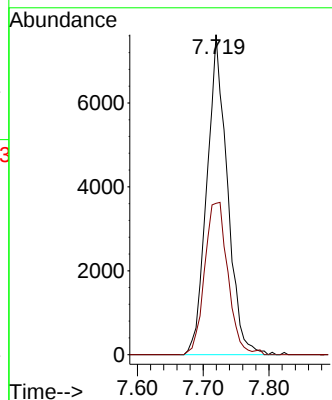
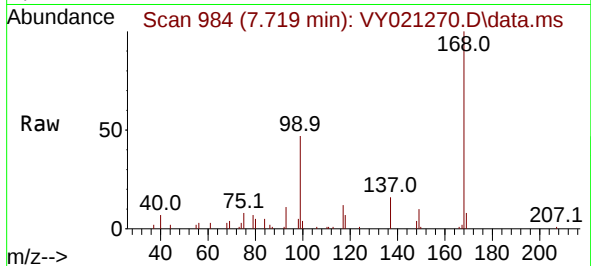




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

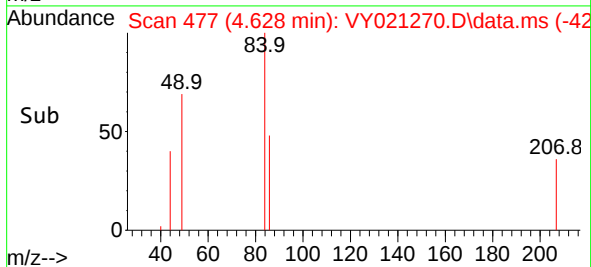
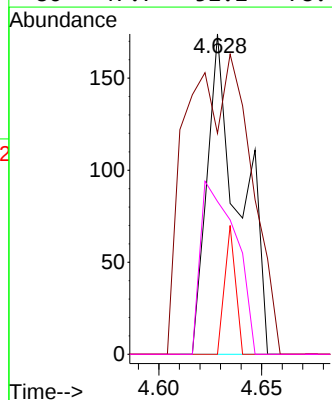
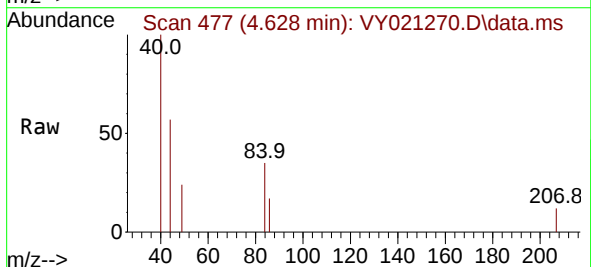
Instrument :
MSVOA_Y
ClientSampleId :

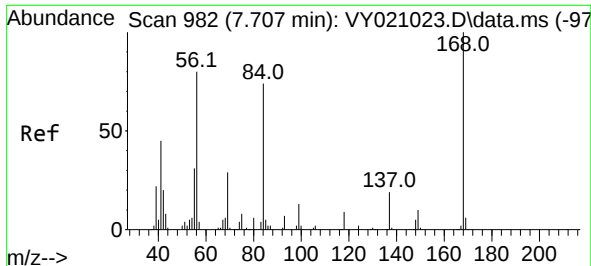
Tgt Ion:168 Resp: 16542
Ion Ratio Lower Upper
168 100
99 47.3 44.2 66.4



#20
Methylene Chloride
Concen: 1.162 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

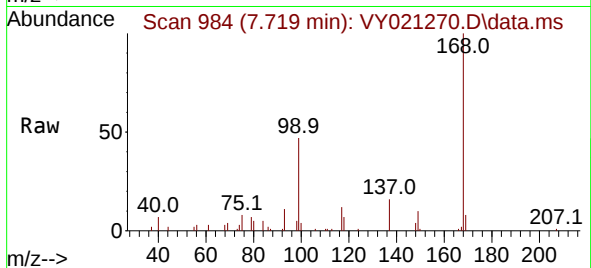
Tgt Ion: 84 Resp: 191
Ion Ratio Lower Upper
84 100
49 69.0 95.2 142.8#
51 0.0 29.9 44.9#
86 47.7 52.2 78.4#



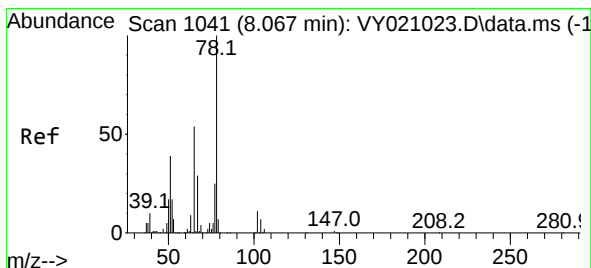
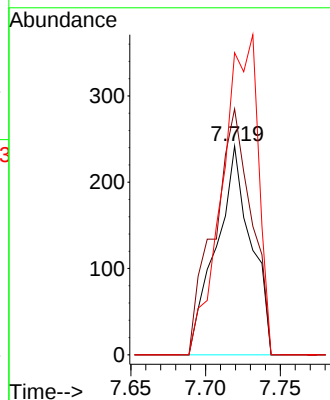
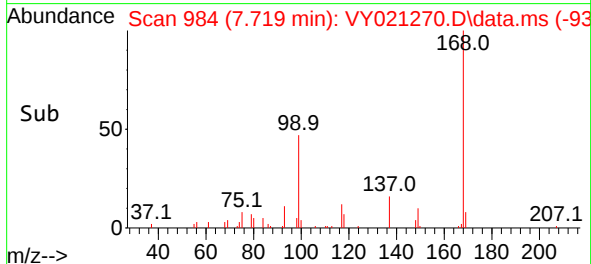


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

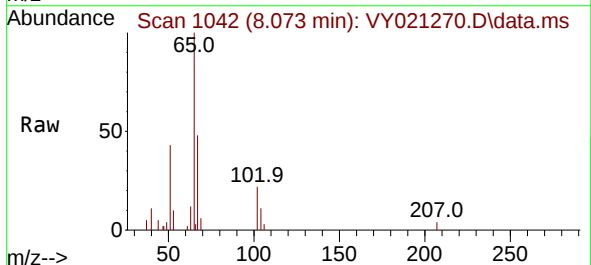
Instrument :
MSVOA_Y
ClientSampleId :



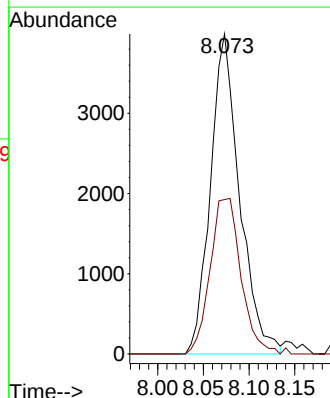
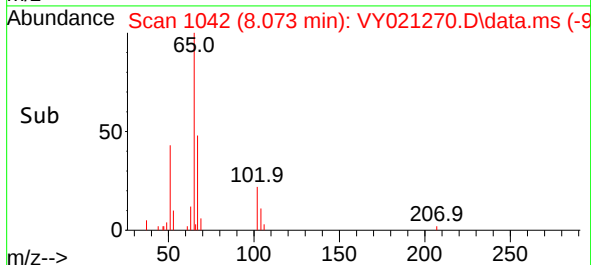
Tgt Ion: 56 Resp: 390
Ion Ratio Lower Upper
56 100
69 117.8 27.0 40.6#
84 144.6 71.8 107.6#

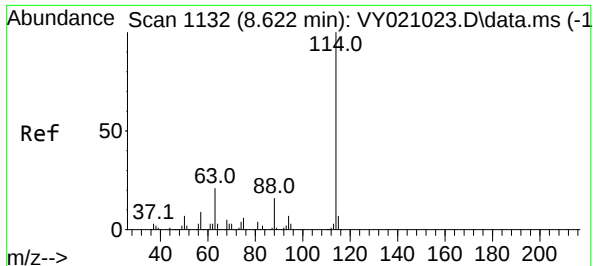


#33
1,2-Dichloroethane-d4
Concen: 52.122 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20



Tgt Ion: 65 Resp: 8834
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021270.D

Acq: 20 Feb 2025 23:20

Instrument :

MSVOA_Y

ClientSampleId :

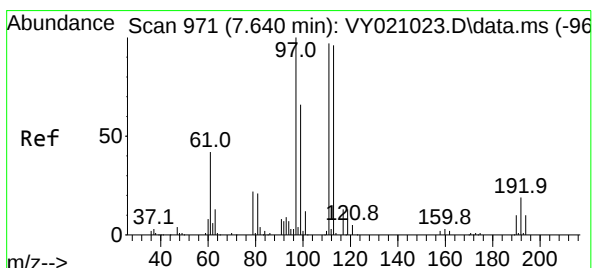
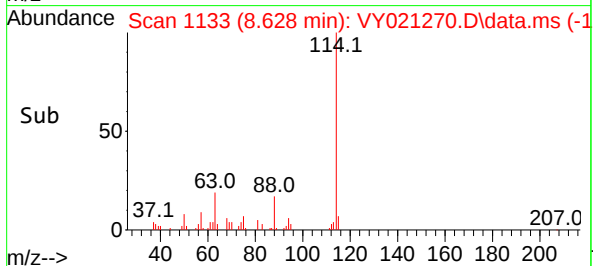
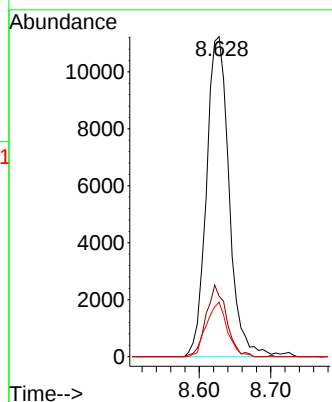
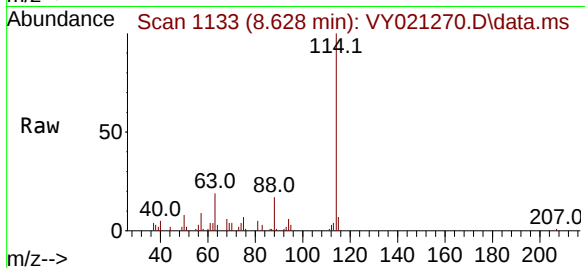
Tgt Ion:114 Resp: 24743

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 17.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.655 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021270.D

Acq: 20 Feb 2025 23:20

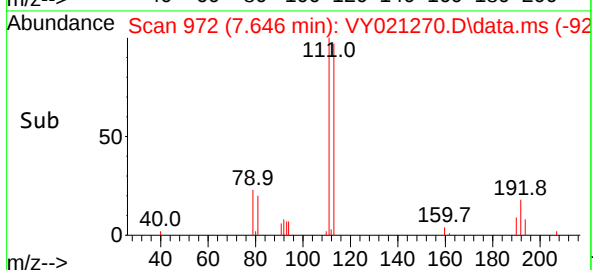
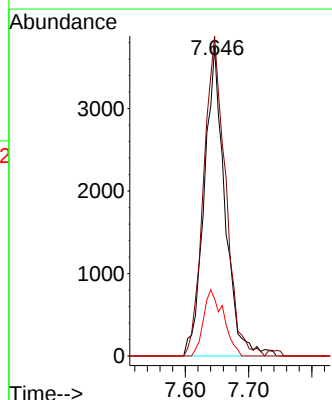
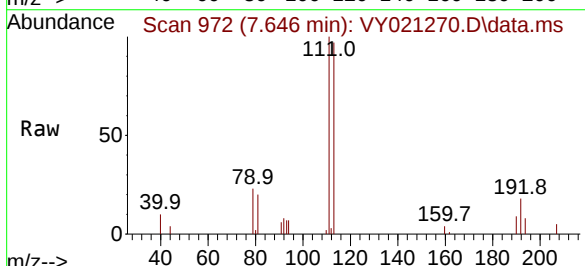
Tgt Ion:113 Resp: 8508

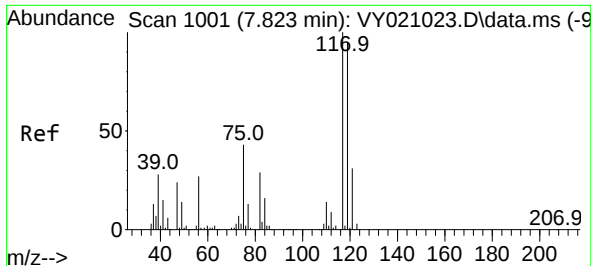
Ion Ratio Lower Upper

113 100

111 109.1 83.8 125.6

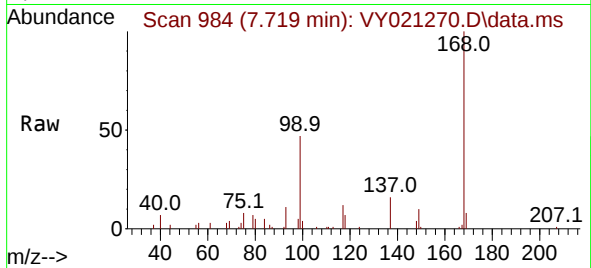
192 20.7 14.5 21.7



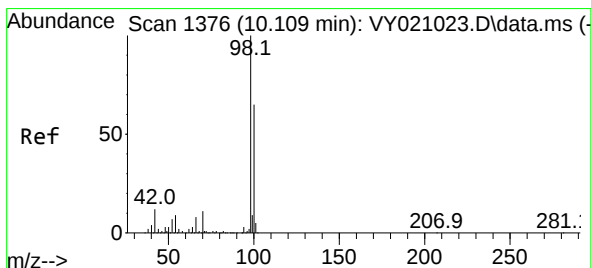
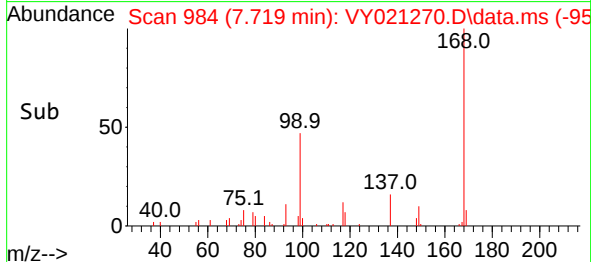
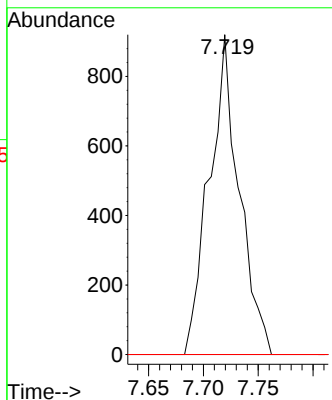


#38
Carbon Tetrachloride
Concen: 6.362 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

Instrument :
MSVOA_Y
ClientSampleId :

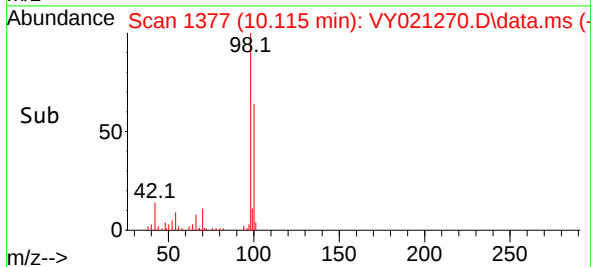
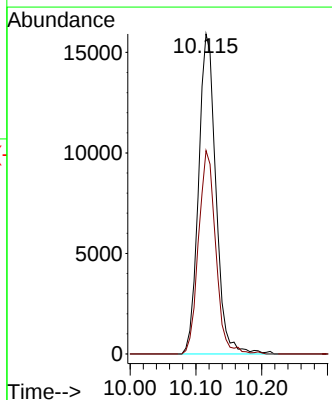
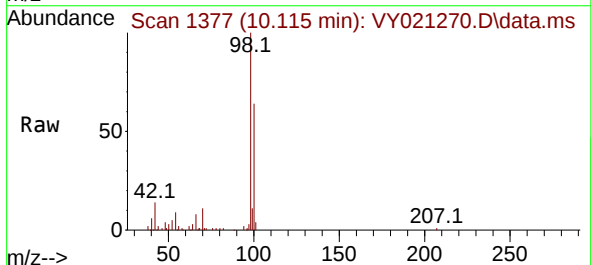


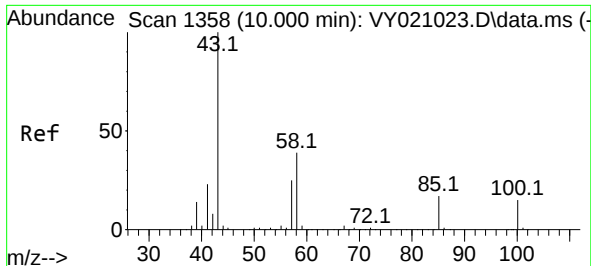
Tgt Ion:117 Resp: 1746
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.293 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

Tgt Ion: 98 Resp: 29154
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5

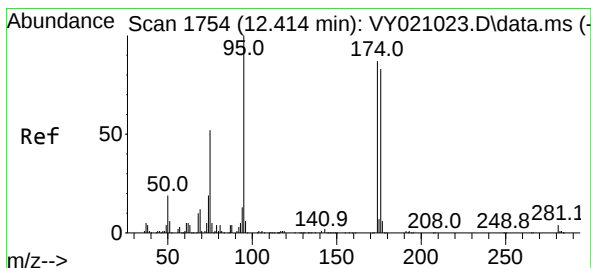
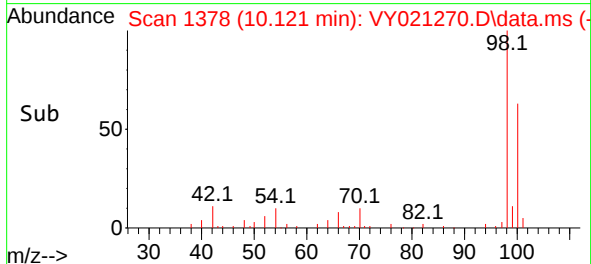
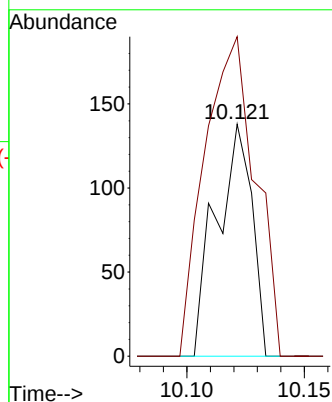
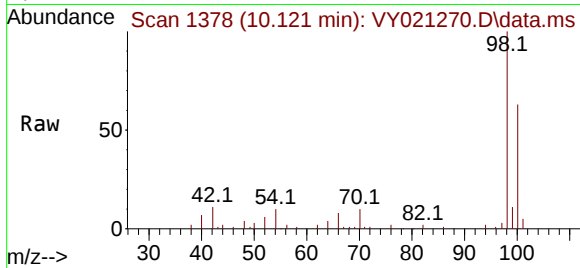




#51
4-Methyl-2-Pentanone
Concen: 1.418 ug/l
RT: 10.121 min Scan# 11
Delta R.T. 0.122 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

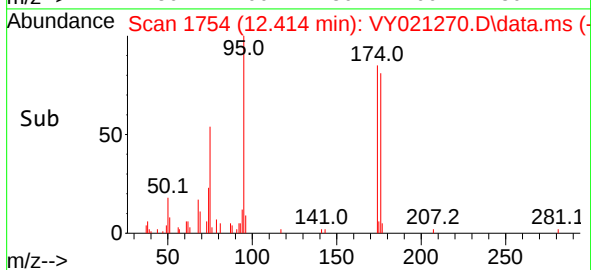
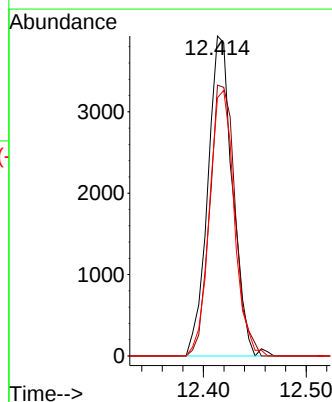
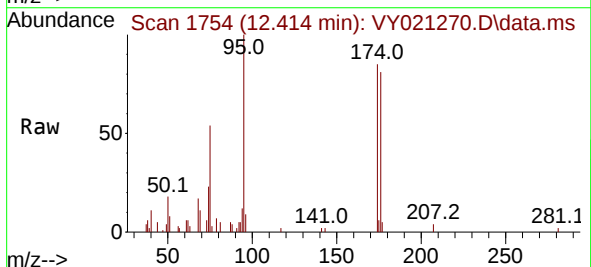
Instrument :
MSVOA_Y
ClientSampleId :

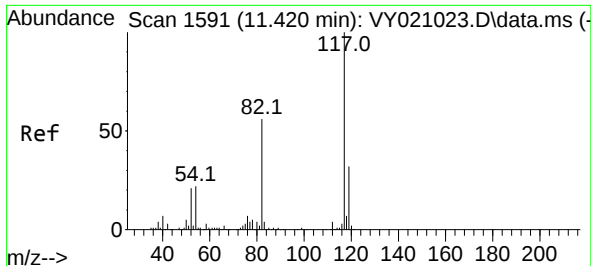
Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
58 195.2 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 33.445 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

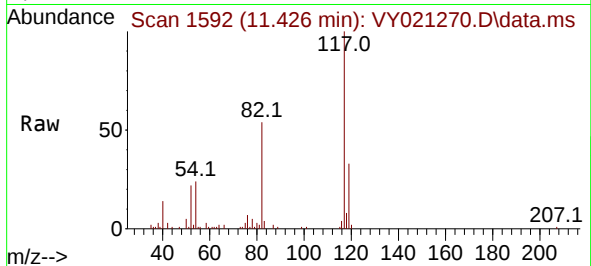
Tgt Ion: 95 Resp: 6596
Ion Ratio Lower Upper
95 100
174 86.8 0.0 160.0
176 82.7 0.0 151.8



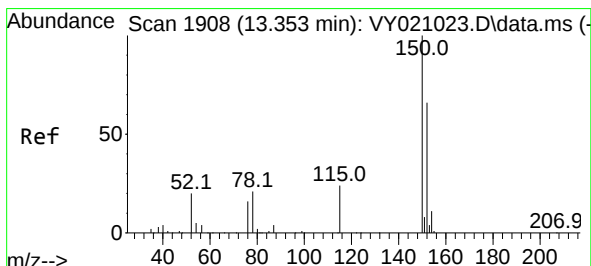
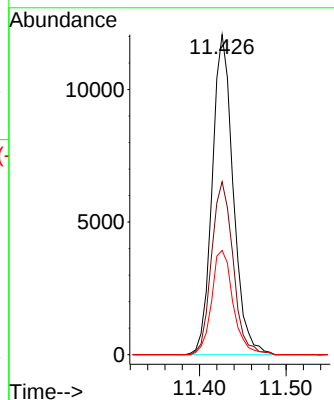
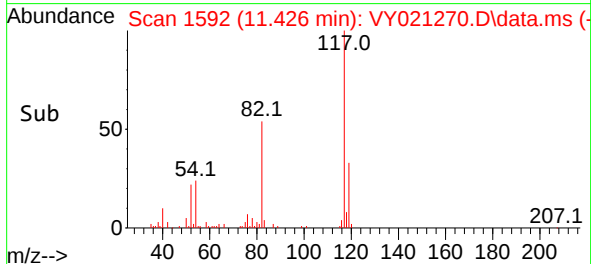


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

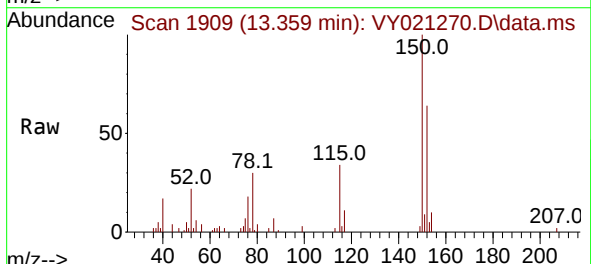
Instrument :
MSVOA_Y
ClientSampleId :



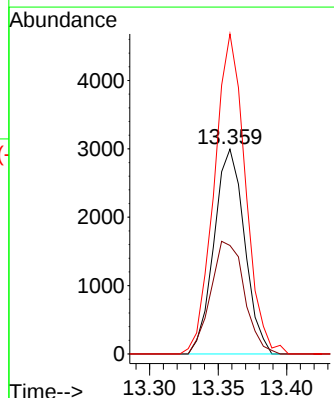
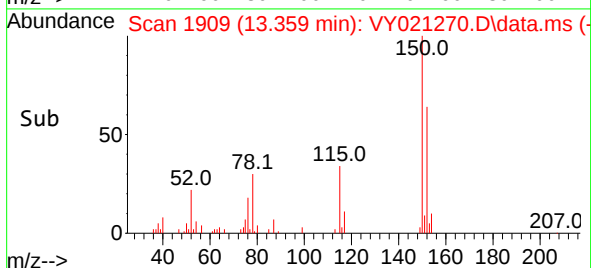
Tgt Ion:	117	Resp:	20324
Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.8
119	32.6	26.5	39.7

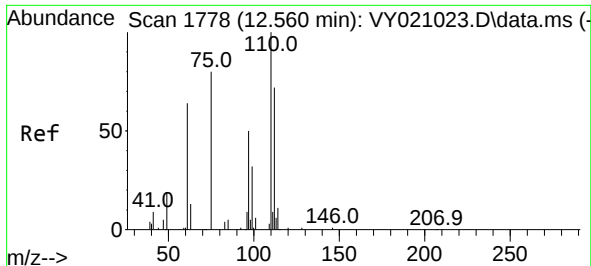


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20



Tgt Ion:	152	Resp:	4638
Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	159.2	0.0	344.6

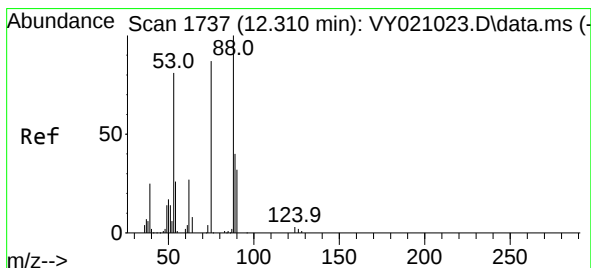
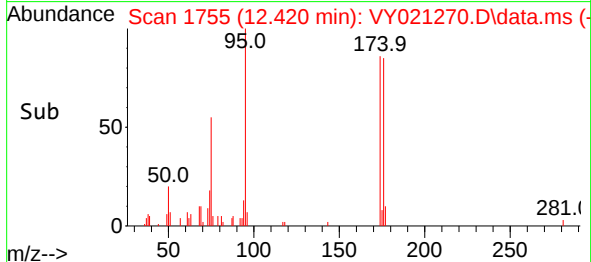
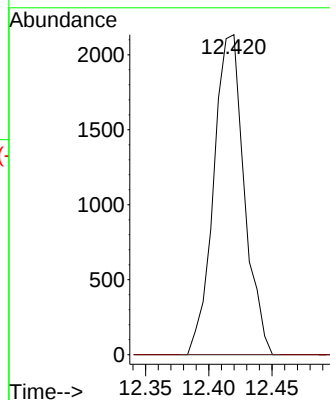
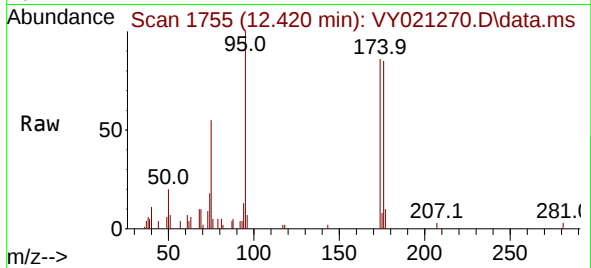




#76
1,2,3-Trichloropropane
Concen: 85.448 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.140 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3595
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 174.355 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.110 min
Lab File: VY021270.D
Acq: 20 Feb 2025 23:20

Tgt Ion: 75 Resp: 3595
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

