

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021207.D
 Acq On : 14 Feb 2025 13:26
 Operator : SY/MD
 Sample : Q1365-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 22:19:30 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)

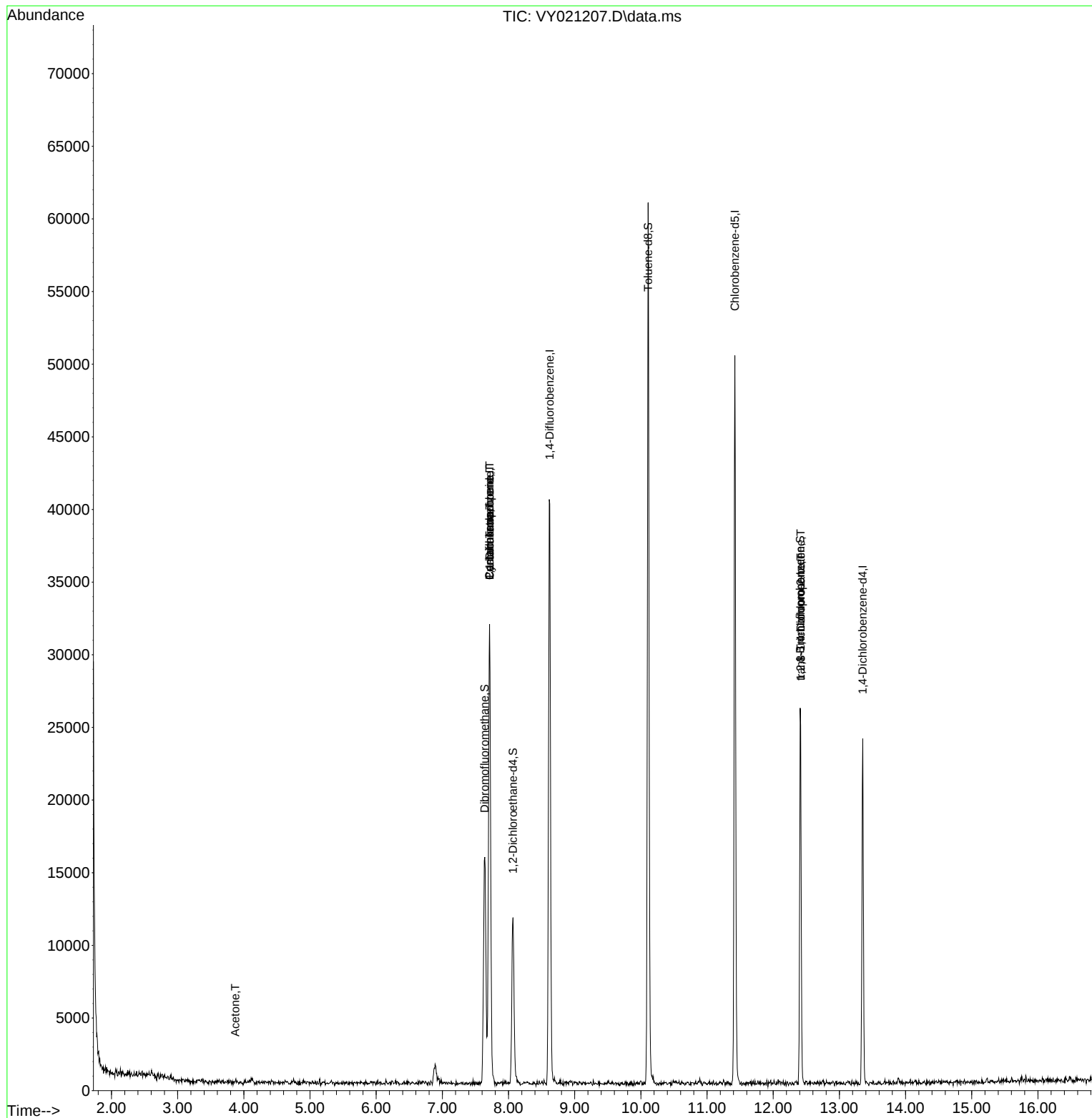
Internal Standards						
1) Pentafluorobenzene	7.713	168	23781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	34552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	25174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	6043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10095	41.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.860%
35) Dibromofluoromethane	7.640	113	11458	51.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.109	98	39312	46.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.408	95	8214	29.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.640%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	129	3.395	ug/l #	41
31) Cyclohexane	7.713	56	567	1.364	ug/l #	61
36) 1,1-Dichloropropene	7.713	75	1990	6.067	ug/l #	50
38) Carbon Tetrachloride	7.713	117	2709	7.069	ug/l #	18
76) 1,2,3-Trichloropropane	12.414	75	4337	79.117	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	4337	161.437	ug/l #	12

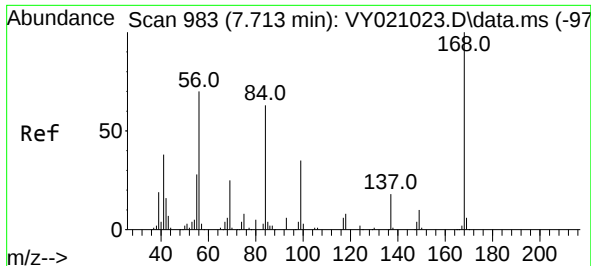
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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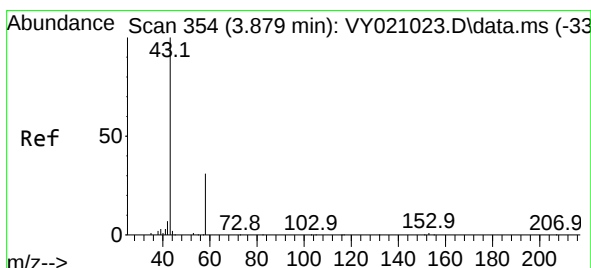
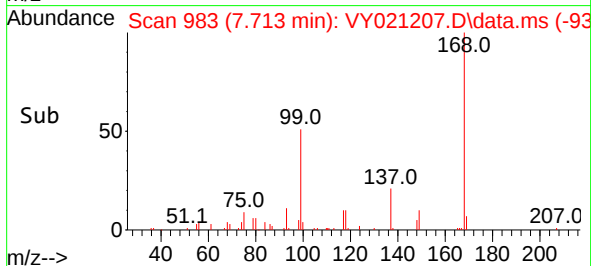
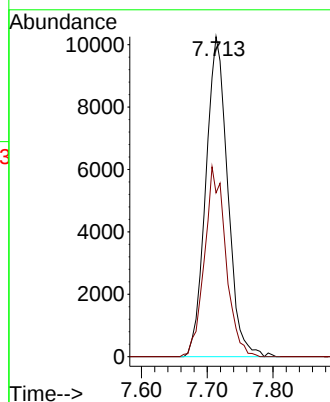
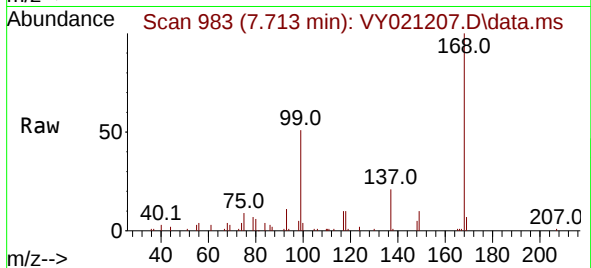




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

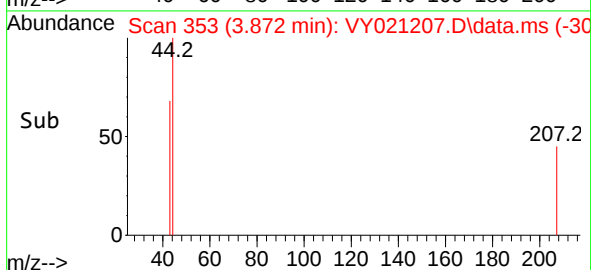
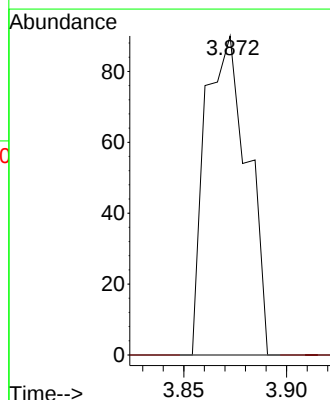
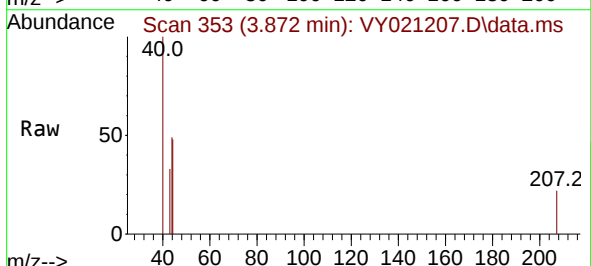
Instrument :
MSVOA_Y
ClientSampleId :

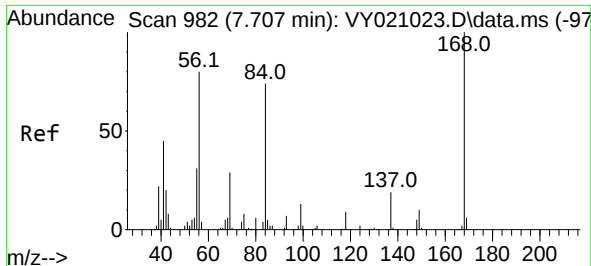
Tgt Ion:168 Resp: 23781
Ion Ratio Lower Upper
168 100
99 51.2 44.2 66.4



#16
Acetone
Concen: 3.395 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

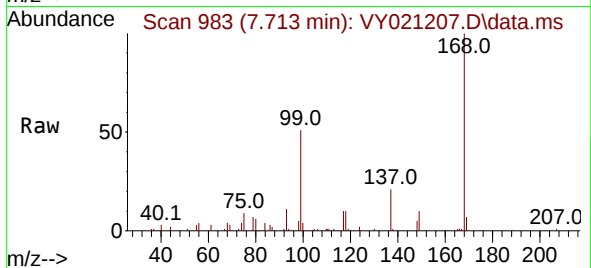
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



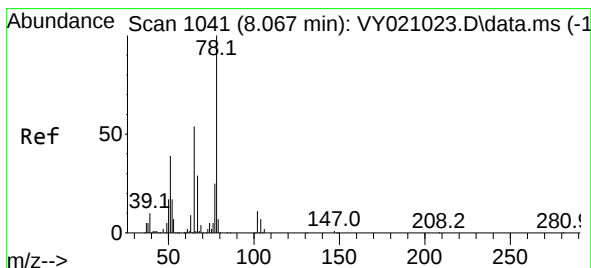
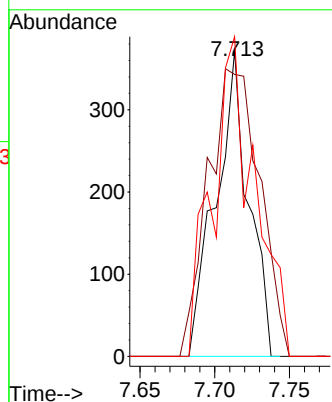
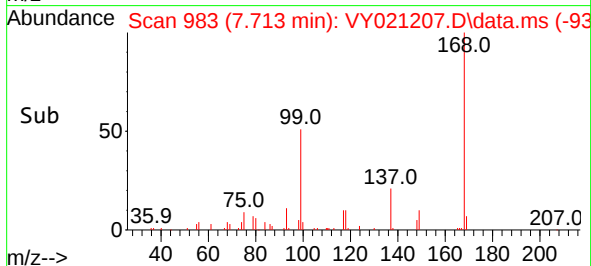


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

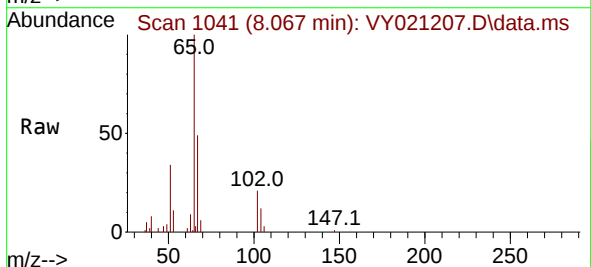
Instrument :
MSVOA_Y
ClientSampleId :



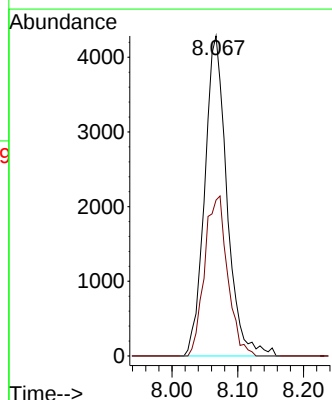
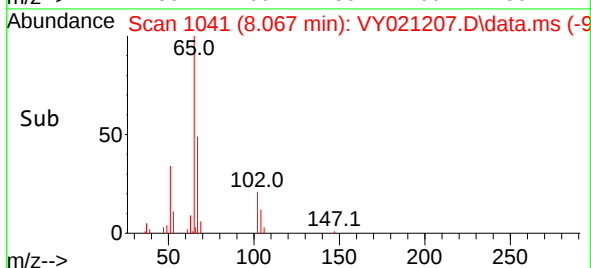
Tgt Ion: 56 Resp: 567
Ion Ratio Lower Upper
56 100
69 92.2 27.0 40.6#
84 104.6 71.8 107.6

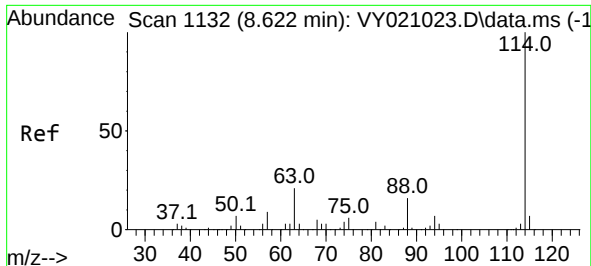


#33
1,2-Dichloroethane-d4
Concen: 41.431 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26



Tgt Ion: 65 Resp: 10095
Ion Ratio Lower Upper
65 100
67 51.7 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: VY021207.D

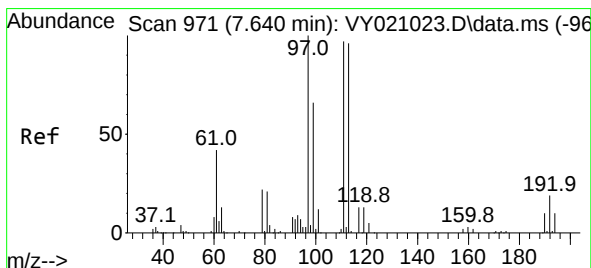
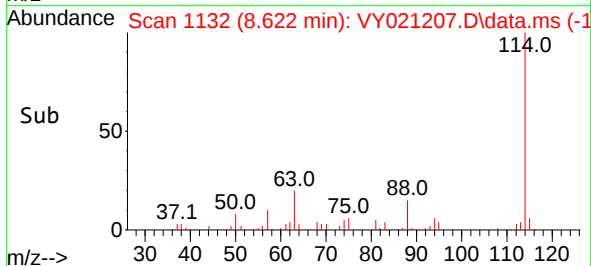
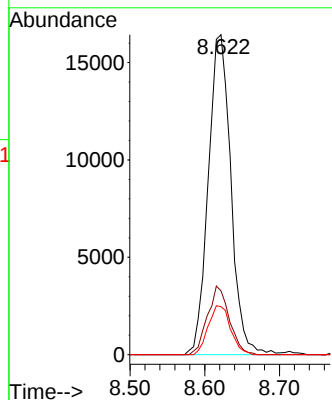
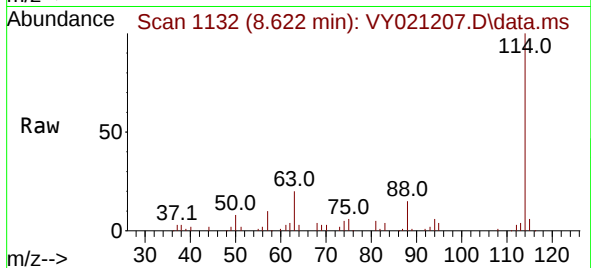
Acq: 14 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	34552
Ion Ratio	Lower	Upper
114	100	
63	20.0	0.0 37.4
88	15.0	0.0 29.0



#35

Dibromofluoromethane

Concen: 51.745 ug/l

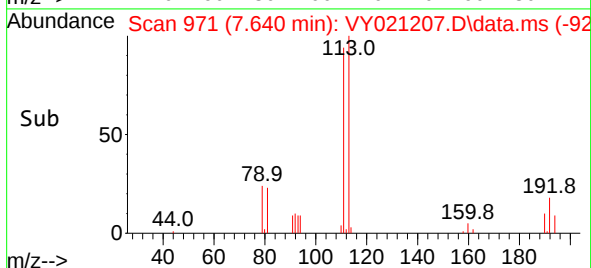
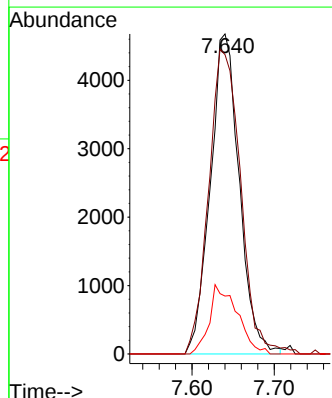
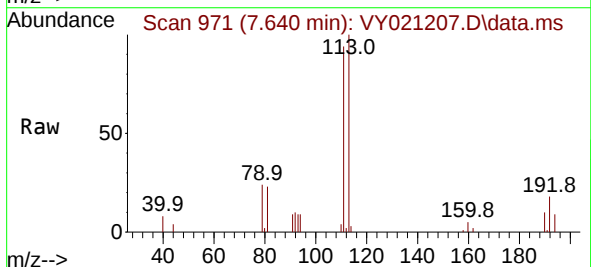
RT: 7.640 min Scan# 971

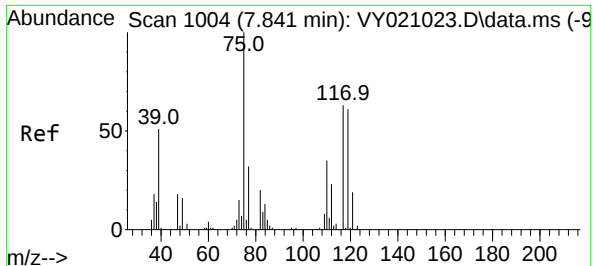
Delta R.T. -0.000 min

Lab File: VY021207.D

Acq: 14 Feb 2025 13:26

Tgt Ion:113	Resp:	11458
Ion Ratio	Lower	Upper
113	100	
111	104.7	83.8 125.6
192	20.9	14.5 21.7





#36

1,1-Dichloropropene

Concen: 6.067 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

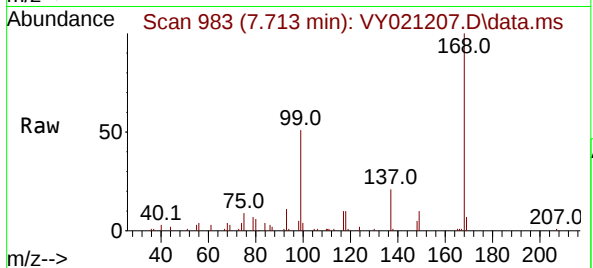
Lab File: VY021207.D

Acq: 14 Feb 2025 13:26

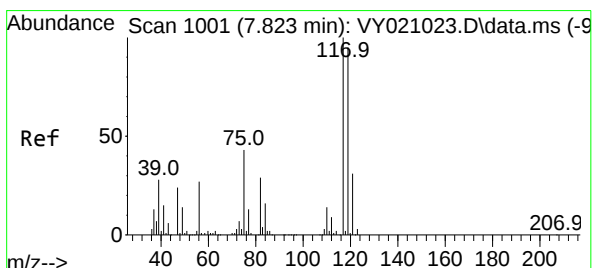
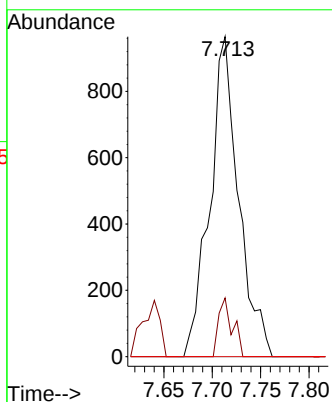
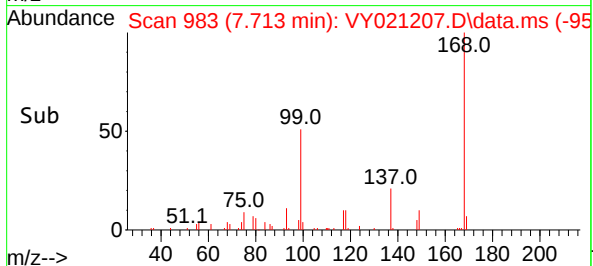
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	1990
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 7.069 ug/l

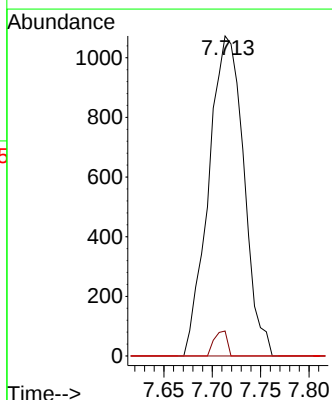
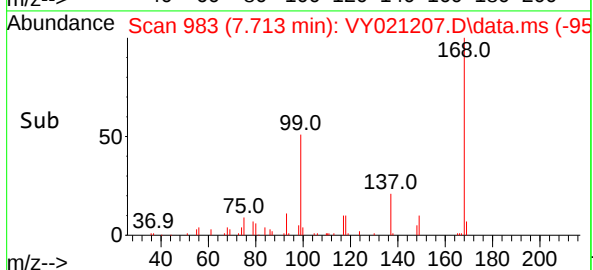
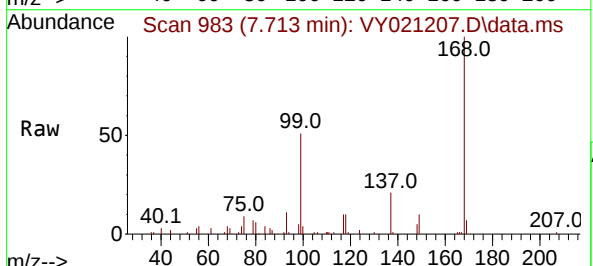
RT: 7.713 min Scan# 983

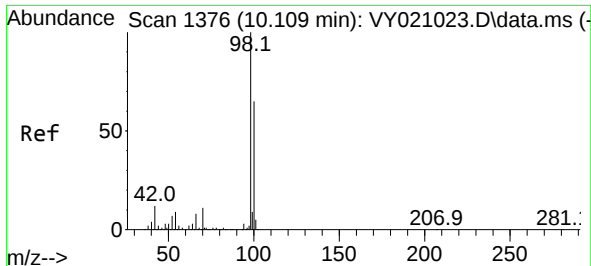
Delta R.T. -0.110 min

Lab File: VY021207.D

Acq: 14 Feb 2025 13:26

Tgt Ion:	117	Resp:	2709
Ion	Ratio	Lower	Upper
117	100		
119	7.8	76.0	114.0#
121	0.0	24.2	36.2#

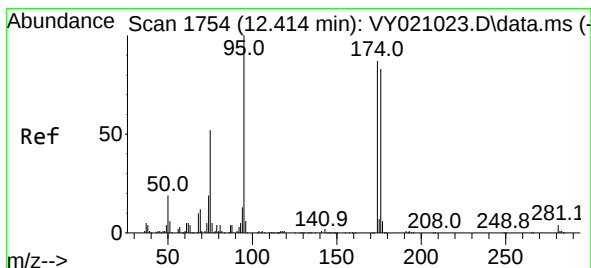
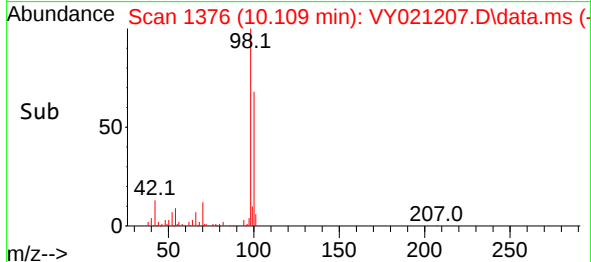
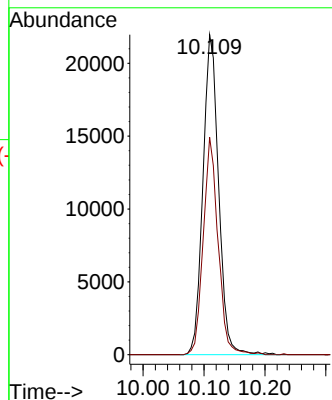
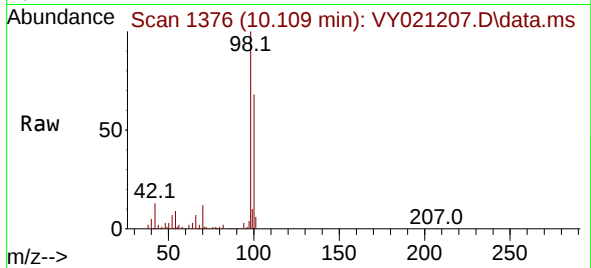




#50
Toluene-d8
Concen: 46.633 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

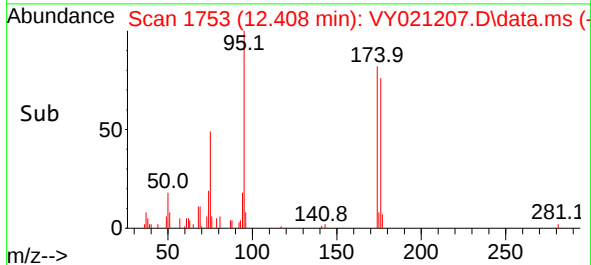
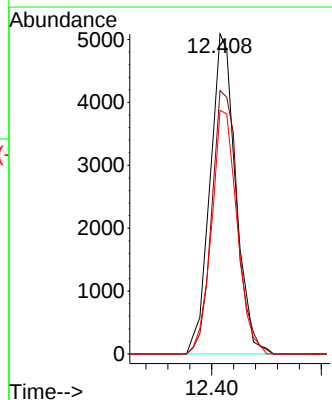
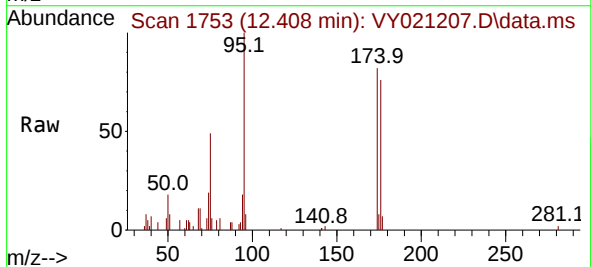
Instrument :
MSVOA_Y
ClientSampleId :

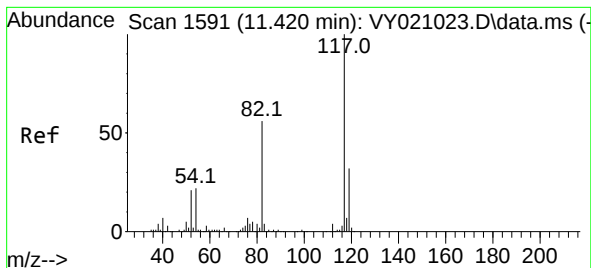
Tgt Ion: 98 Resp: 39312
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 29.825 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

Tgt Ion: 95 Resp: 8214
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.0
176 76.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021207.D

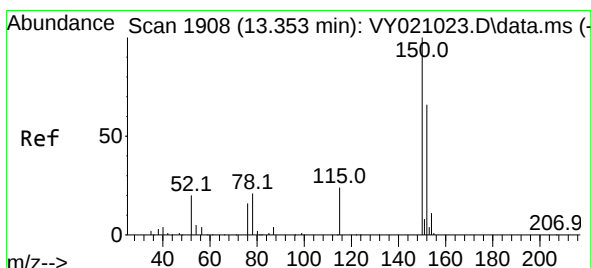
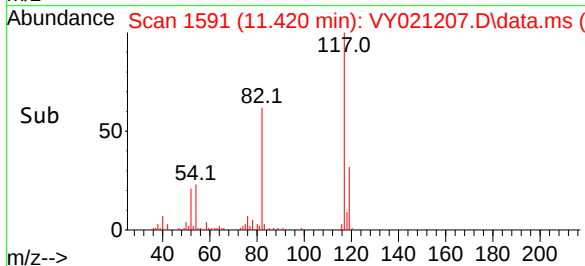
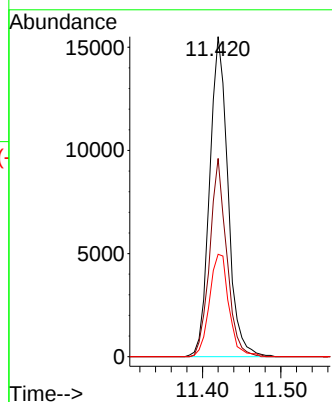
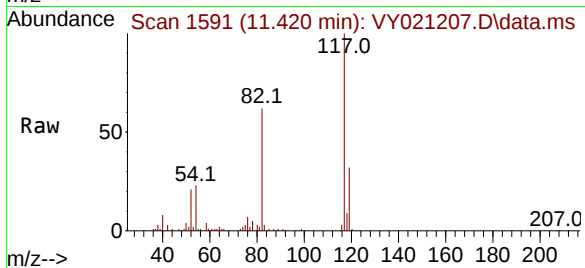
Acq: 14 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	25174
Ion	Ratio	Lower Upper
117	100	
82	61.9	43.8 65.8
119	32.0	26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

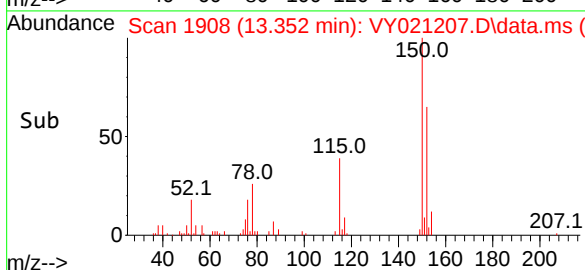
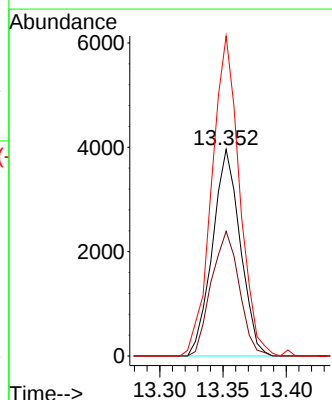
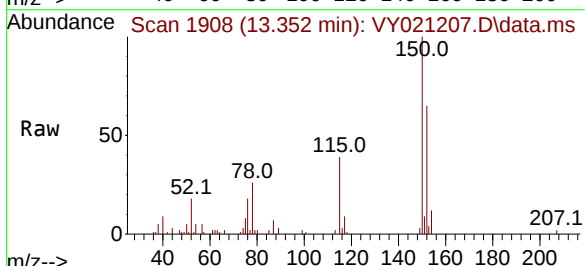
RT: 13.352 min Scan# 1908

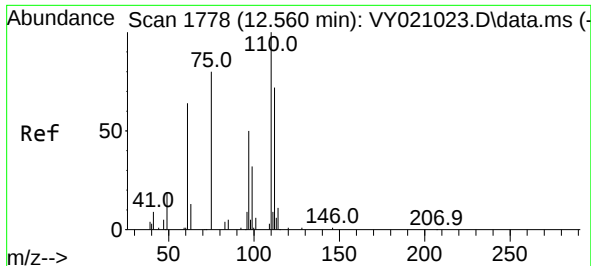
Delta R.T. -0.000 min

Lab File: VY021207.D

Acq: 14 Feb 2025 13:26

Tgt Ion:152	Resp:	6043
Ion	Ratio	Lower Upper
152	100	
115	60.6	30.0 90.0
150	154.8	0.0 344.6

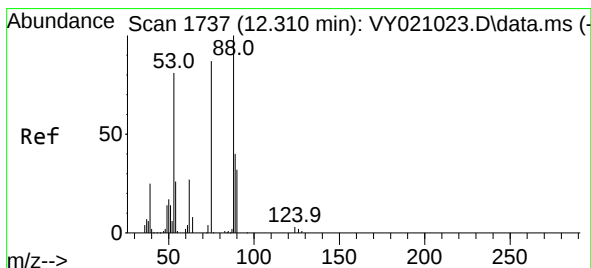
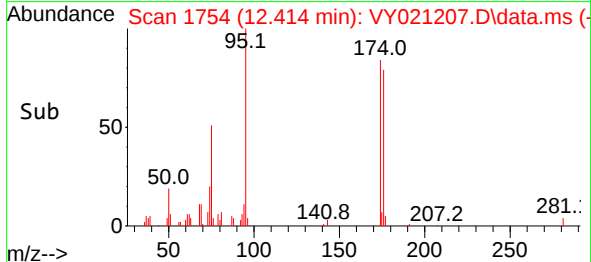
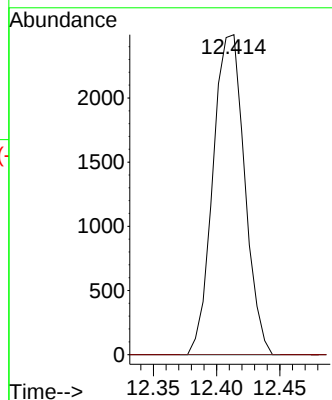
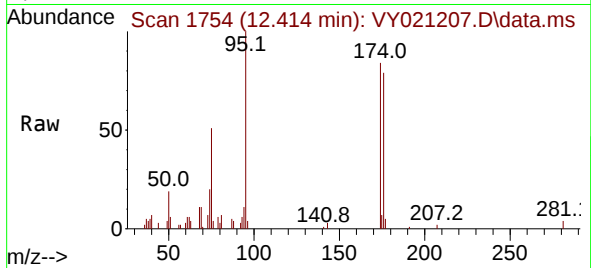




#76
1,2,3-Trichloropropane
Concen: 79.117 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.147 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4337
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 161.437 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021207.D
Acq: 14 Feb 2025 13:26

Tgt Ion: 75 Resp: 4337
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

