

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020450.D
 Acq On : 26 Nov 2024 14:44
 Operator : SY/MD
 Sample : P500-03
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 01:42:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	124202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	236288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	226998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	92262	50.000	ug/l	0.00

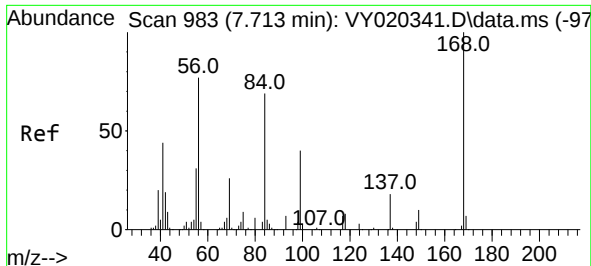
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	79319	55.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.180%
35) Dibromofluoromethane	7.634	113	77251	50.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.103	98	288073	48.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.408	95	100630	52.448	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.900%

Target Compounds					Qvalue	
3) Chloromethane	2.068	50	74	Below Cal	#	41
13) Acrolein	3.659	56	275	3.112	ug/l	87
16) Acetone	3.873	43	14173	41.432	ug/l	100
25) 2-Butanone	6.903	43	4600	10.445	ug/l	# 81
31) Cyclohexane	7.707	56	2854	1.073	ug/l	# 9
36) 1,1-Dichloropropene	7.713	75	10552	4.560	ug/l	# 51
37) Ethyl Acetate	6.903	43	4600	4.339	ug/l	# 71
38) Carbon Tetrachloride	7.707	117	13294	5.502	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	55562	63.894	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	55562	125.197	ug/l	# 9

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

Quant Time: Nov 27 01:42:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

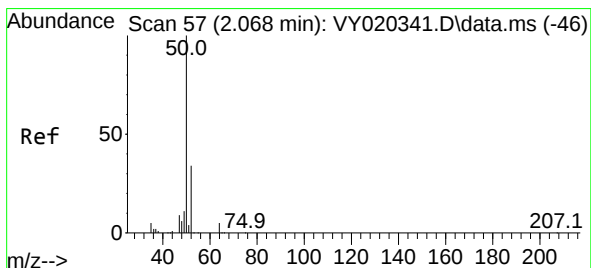
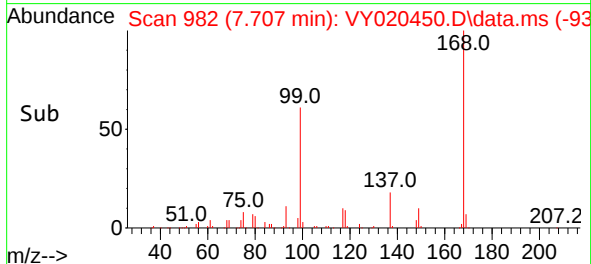
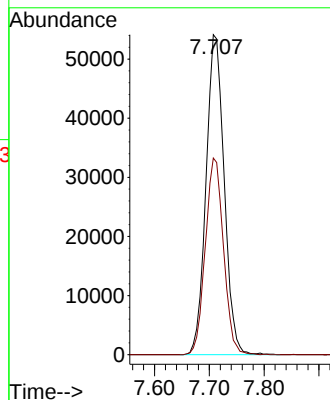
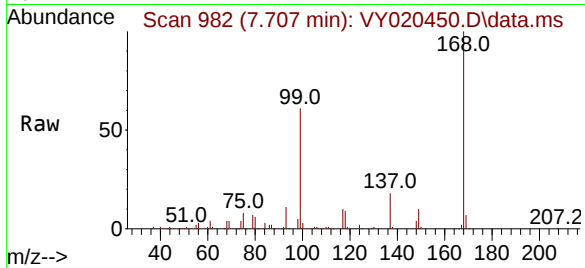




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

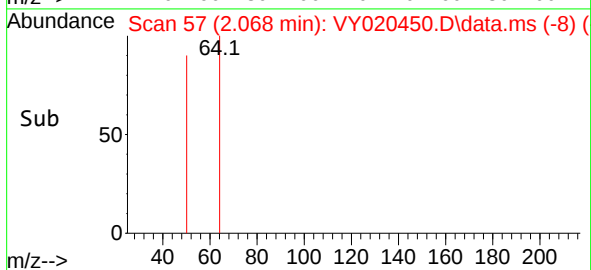
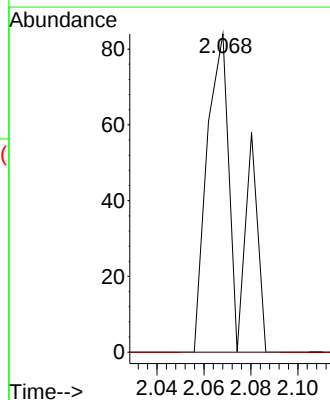
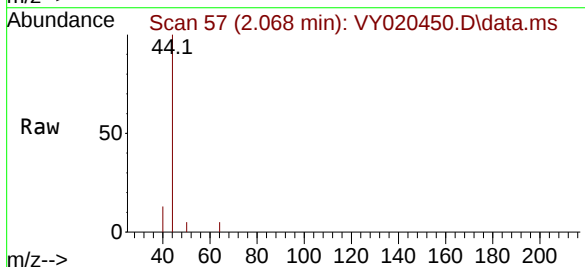
Instrument :
MSVOA_Y
ClientSampleId :

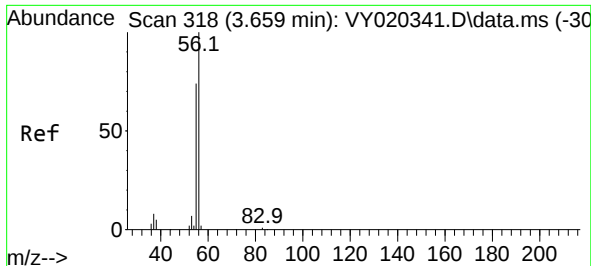
Tgt Ion:168 Resp: 124202
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

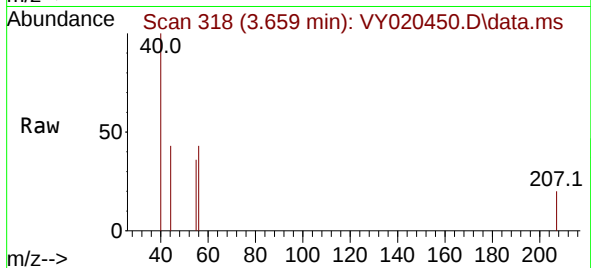
Tgt Ion: 50 Resp: 74
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



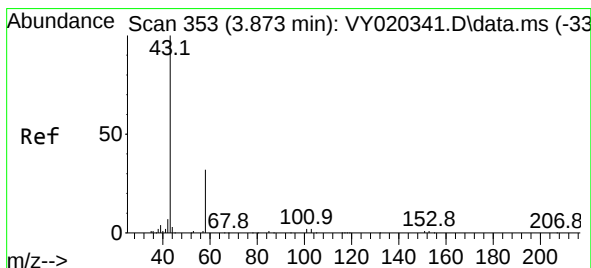
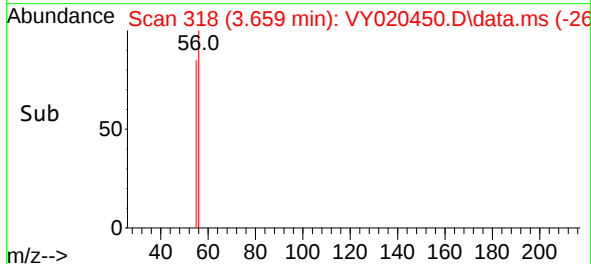
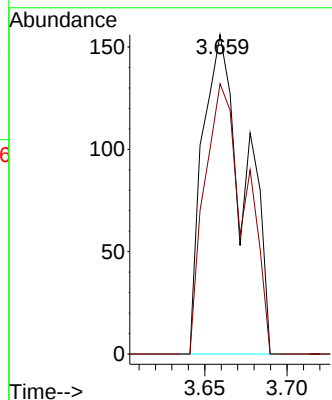


#13
Acrolein
Concen: 3.112 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

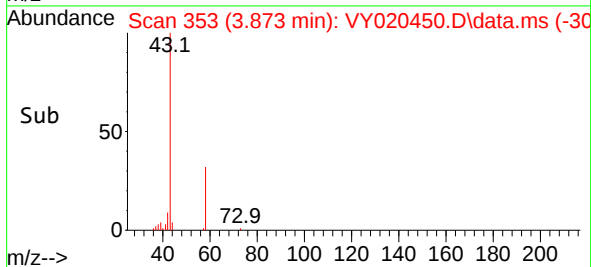
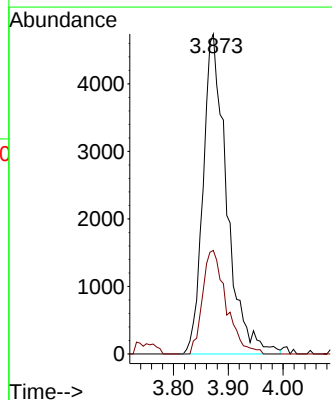
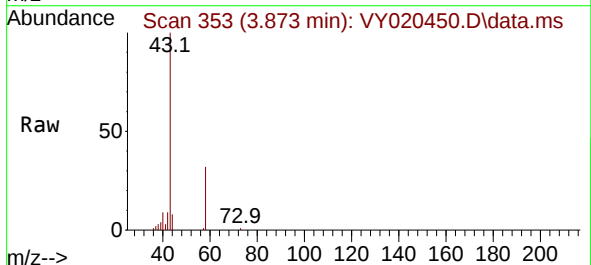


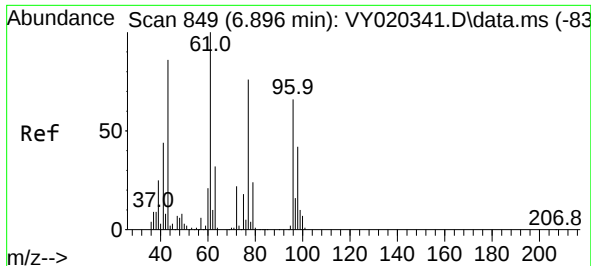
Tgt Ion: 56 Resp: 275
Ion Ratio Lower Upper
56 100
55 82.5 57.7 86.5



#16
Acetone
Concen: 41.432 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

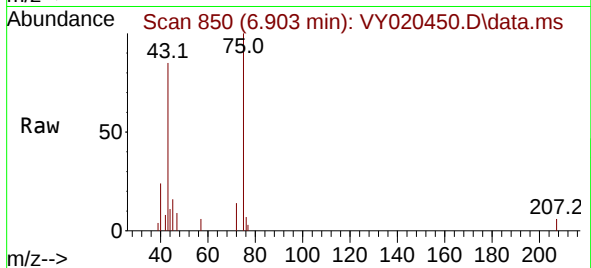
Tgt Ion: 43 Resp: 14173
Ion Ratio Lower Upper
43 100
58 32.3 25.7 38.5



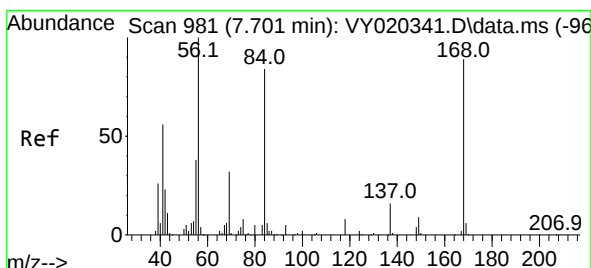
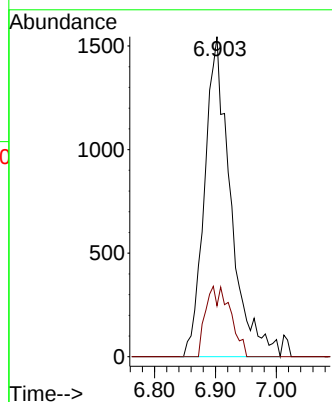
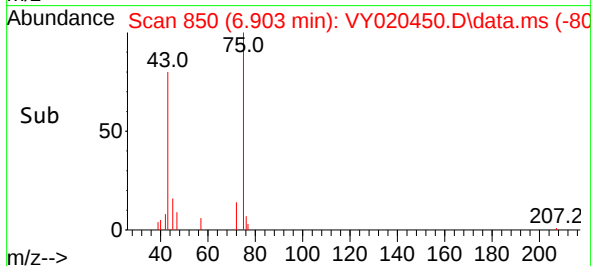


#25
2-Butanone
Concen: 10.445 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

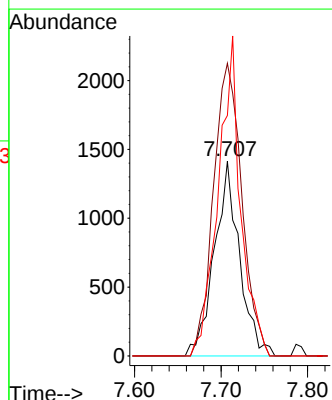
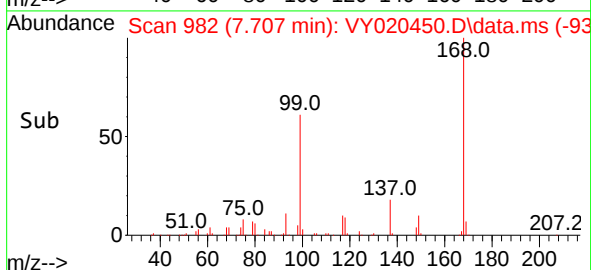
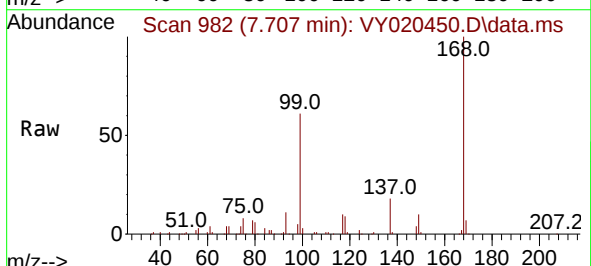


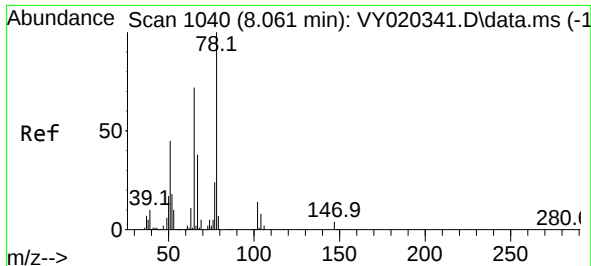
Tgt Ion: 43 Resp: 4600
Ion Ratio Lower Upper
43 100
72 15.9 20.4 30.6#



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

Tgt Ion: 56 Resp: 2854
Ion Ratio Lower Upper
56 100
69 150.3 25.3 37.9#
84 123.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.587 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY020450.D

Acq: 26 Nov 2024 14:44

Instrument :

MSVOA_Y

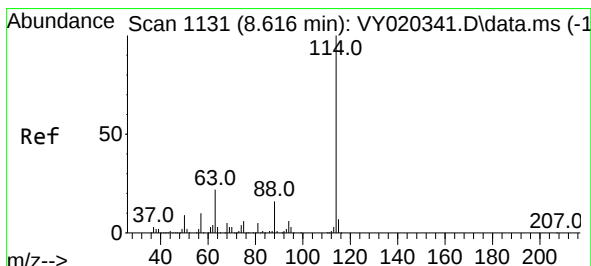
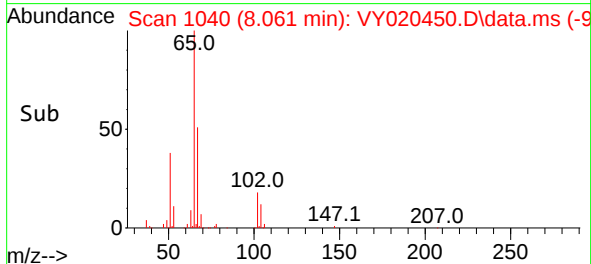
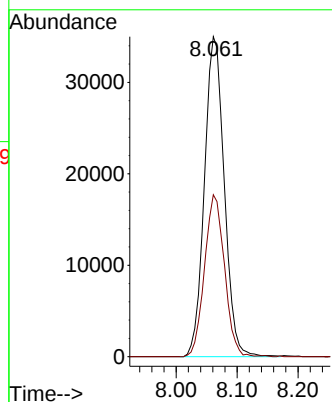
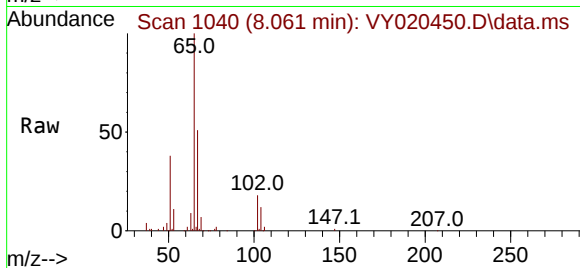
ClientSampleId :

Tgt Ion: 65 Resp: 79319

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020450.D

Acq: 26 Nov 2024 14:44

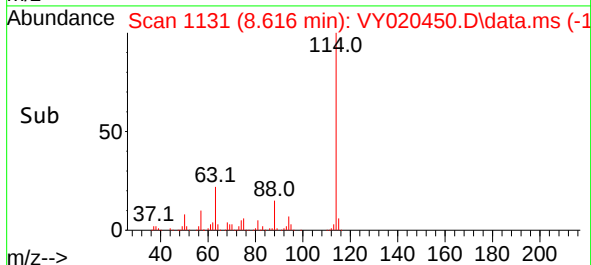
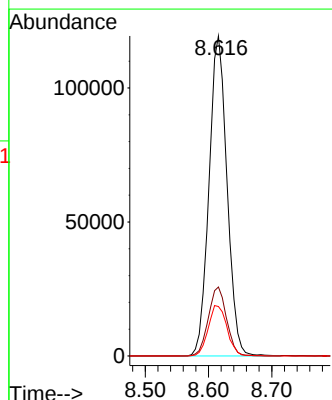
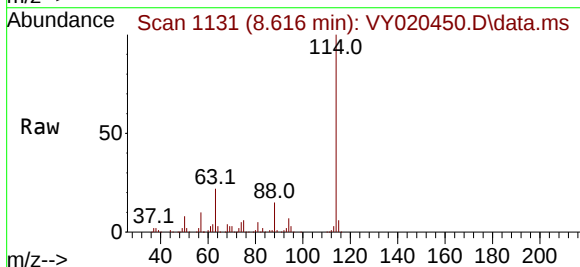
Tgt Ion: 114 Resp: 236288

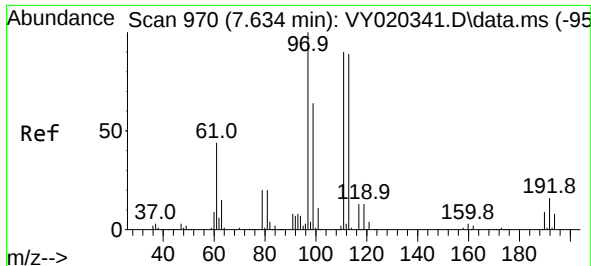
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.8

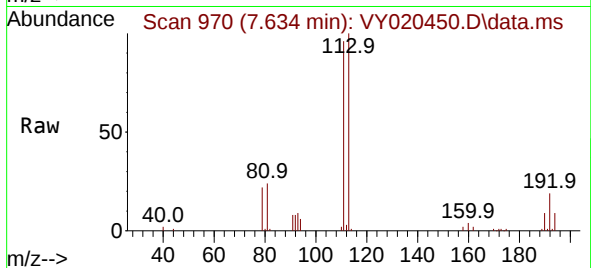
88 15.4 0.0 32.0



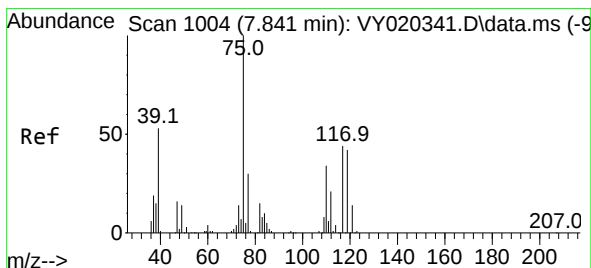
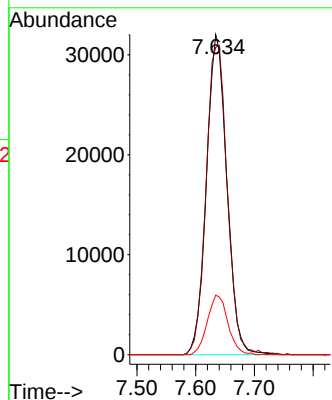
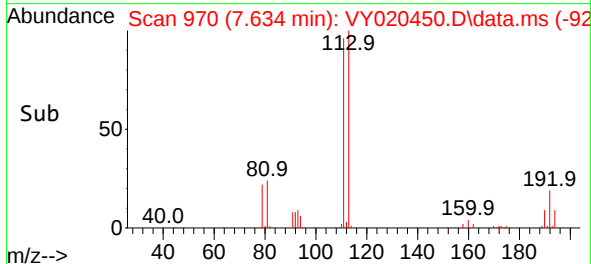


#35
Dibromofluoromethane
Concen: 50.986 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

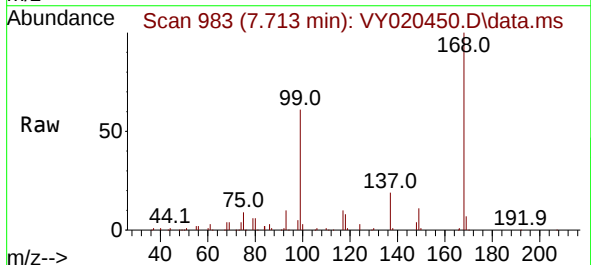
Instrument :
MSVOA_Y
ClientSampleId :



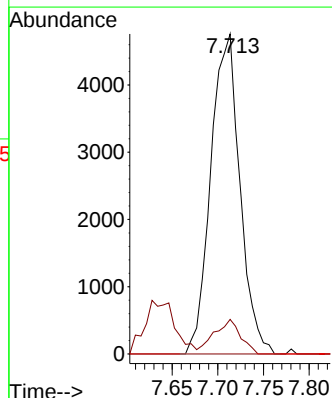
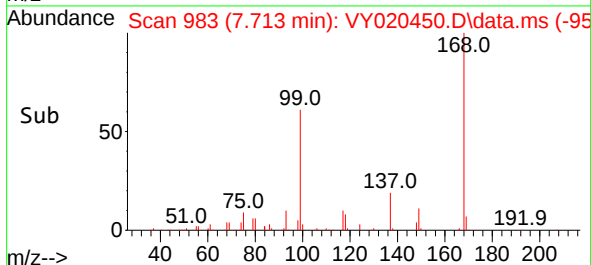
Tgt Ion:113 Resp: 77251
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 18.8 15.1 22.7

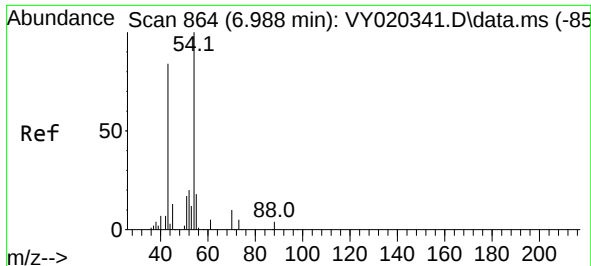


#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44



Tgt Ion: 75 Resp: 10552
Ion Ratio Lower Upper
75 100
110 9.7 16.7 50.0#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 4.339 ug/l

RT: 6.903 min Scan# 81

Delta R.T. -0.085 min

Lab File: VY020450.D

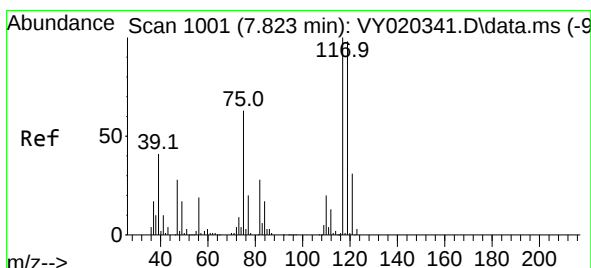
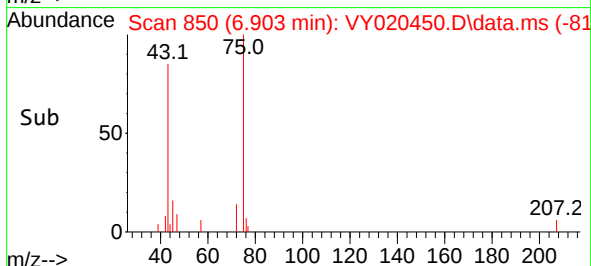
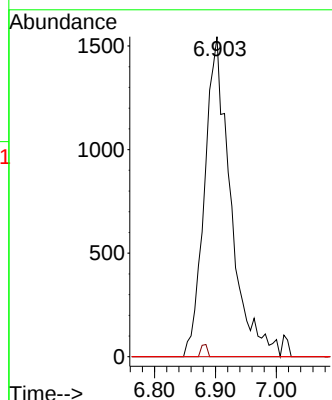
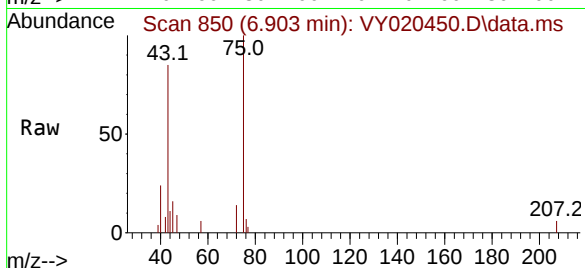
Acq: 26 Nov 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	4600
Ion	Ratio	Lower	Upper
43	100		
61	0.9	10.7	16.1#
70	0.0	7.3	10.9#



#38

Carbon Tetrachloride

Concen: 5.502 ug/l

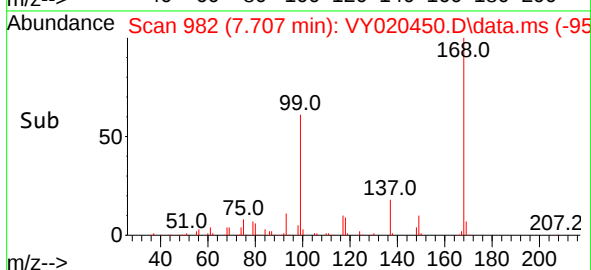
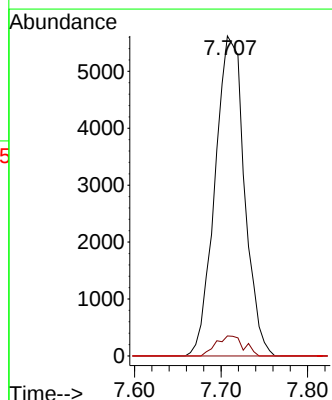
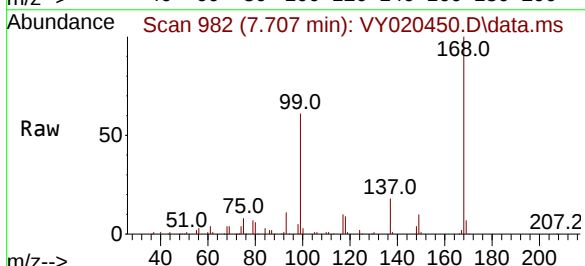
RT: 7.707 min Scan# 982

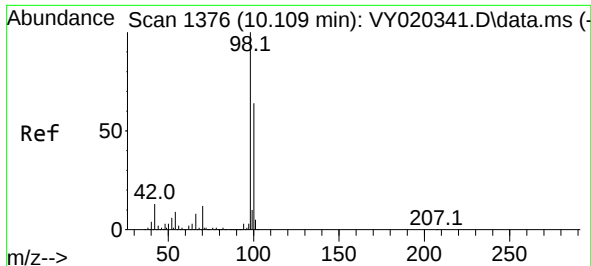
Delta R.T. -0.116 min

Lab File: VY020450.D

Acq: 26 Nov 2024 14:44

Tgt Ion:	117	Resp:	13294
Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.8	116.6#
121	0.0	24.6	37.0#

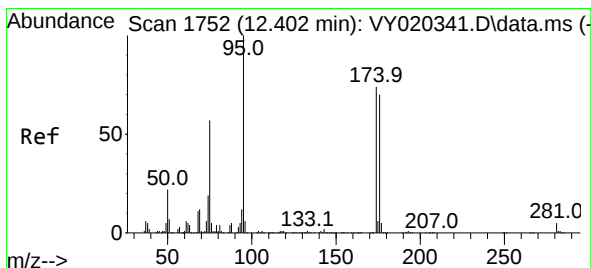
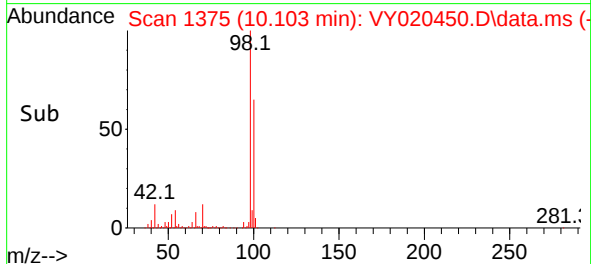
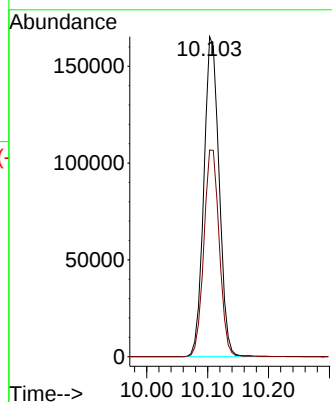
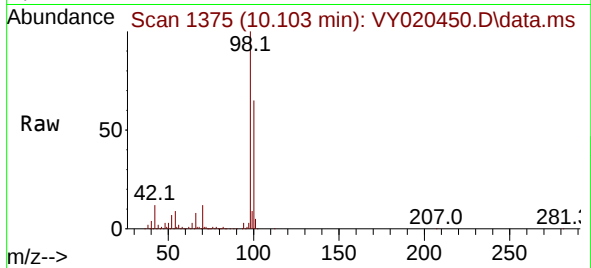




#50
Toluene-d8
Concen: 48.266 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

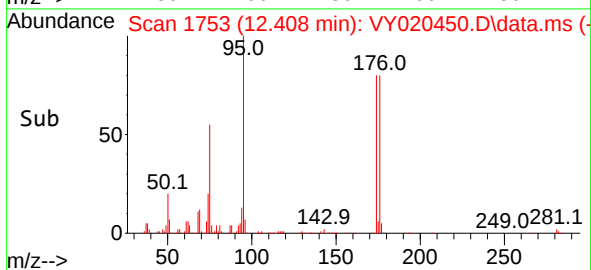
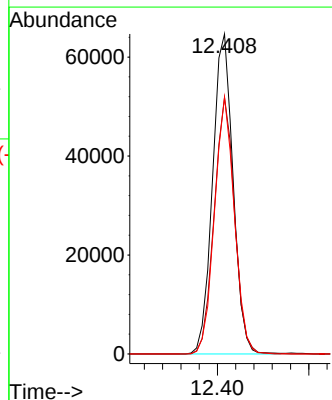
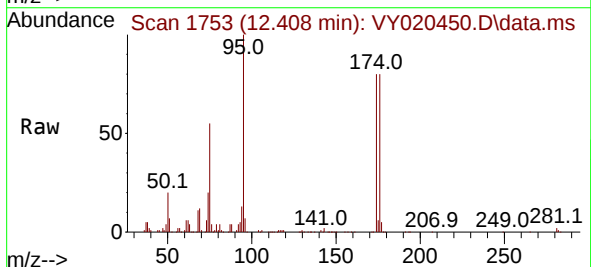
Instrument :
MSVOA_Y
ClientSampleId :

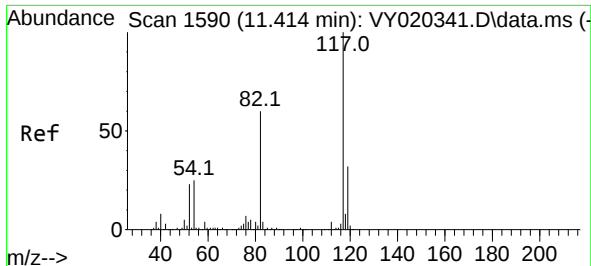
Tgt Ion: 98 Resp: 288073
Ion Ratio Lower Upper
98 100
100 65.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 52.448 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

Tgt Ion: 95 Resp: 100630
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.8
176 78.0 0.0 152.0

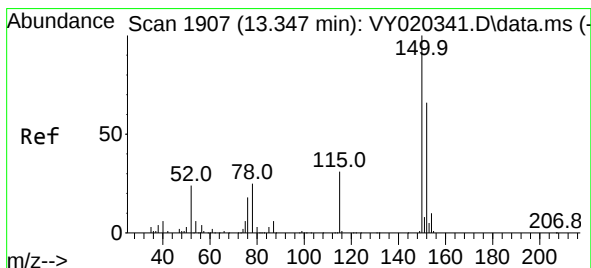
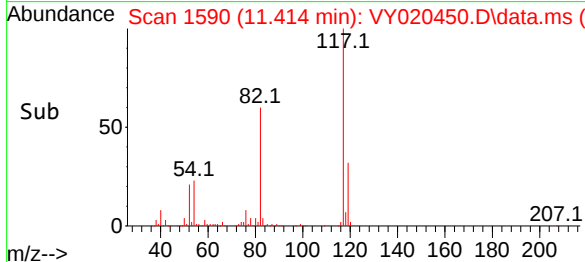
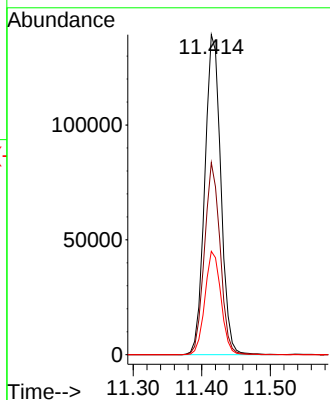
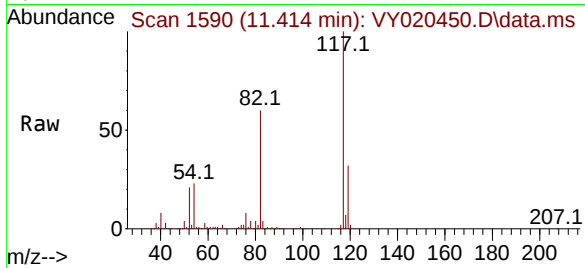




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

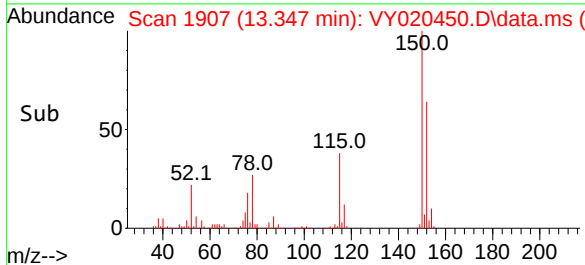
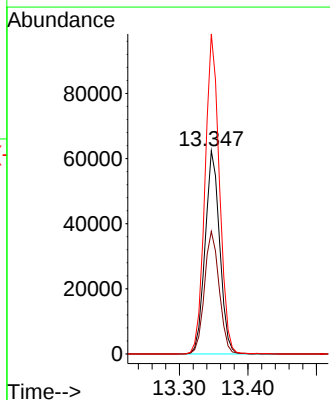
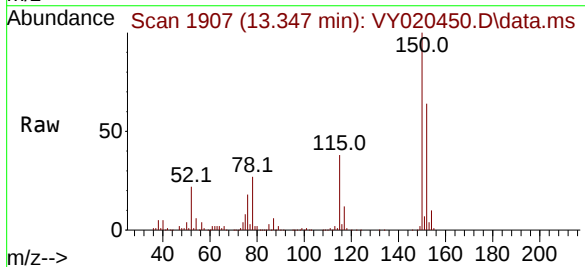
Instrument :
MSVOA_Y
ClientSampleId :

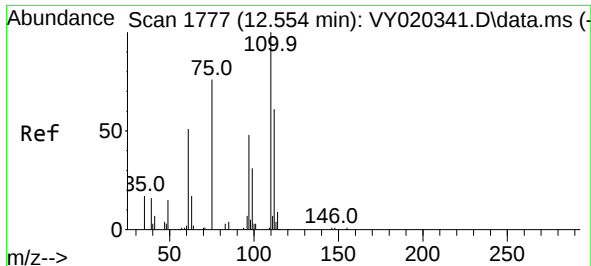
Tgt Ion:117 Resp: 226998
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

Tgt Ion:152 Resp: 92262
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 155.7 0.0 348.2

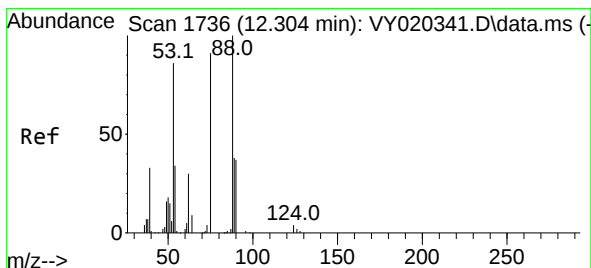
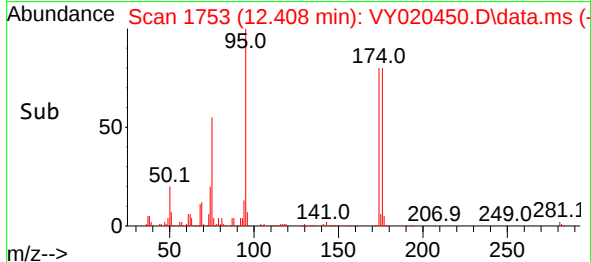
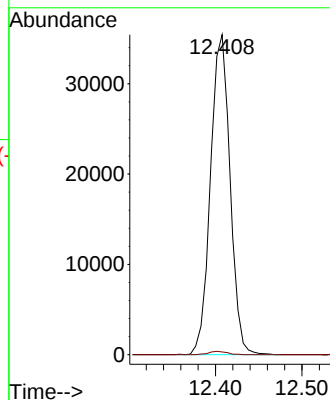
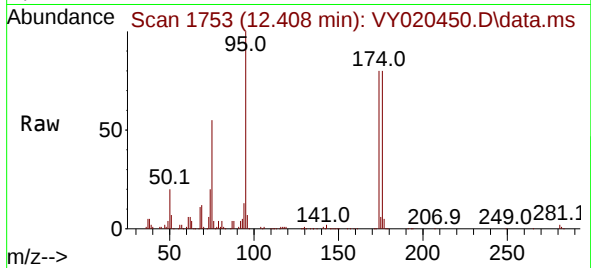




#76
1,2,3-Trichloropropane
Concen: 63.894 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55562
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.197 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020450.D
Acq: 26 Nov 2024 14:44

Tgt Ion: 75 Resp: 55562
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

