

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020366.D
 Acq On : 20 Nov 2024 17:48
 Operator : SY/MD
 Sample : P4887-04
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:51:20 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)

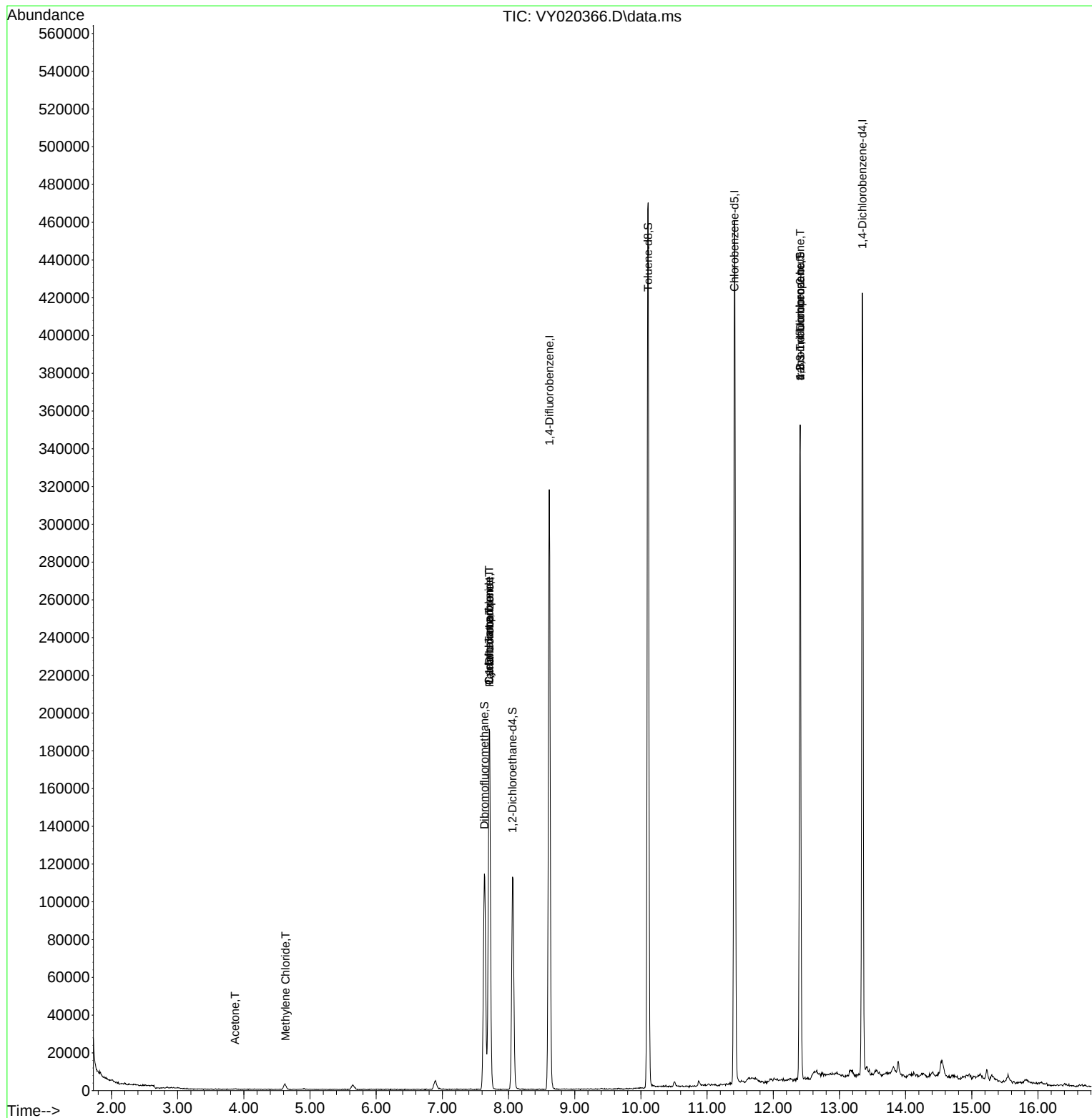
Internal Standards						
1) Pentafluorobenzene	7.713	168	141591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	254889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	235127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93831	57.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.360%	
35) Dibromofluoromethane	7.634	113	80675	49.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.109	98	307025	47.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.380%	
62) 4-Bromofluorobenzene	12.408	95	106037	51.233	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	792	2.031	ug/l #	43
20) Methylene Chloride	4.629	84	2084	1.262	ug/l #	77
31) Cyclohexane	7.707	56	3311	1.092	ug/l #	22
36) 1,1-Dichloropropene	7.707	75	12010	4.811	ug/l #	51
38) Carbon Tetrachloride	7.707	117	15101	5.794	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	60585	65.424	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	60585	128.195	ug/l #	9

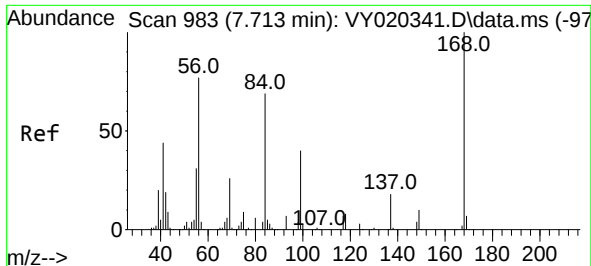
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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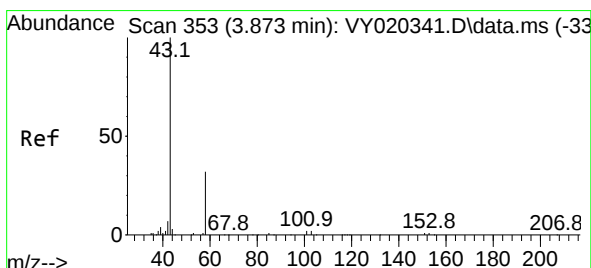
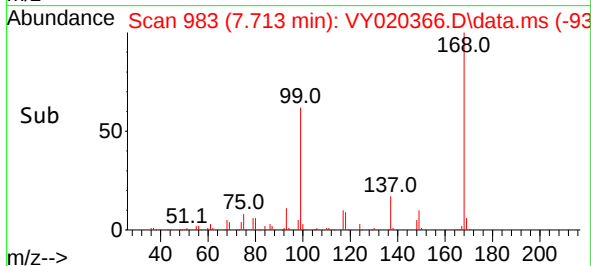
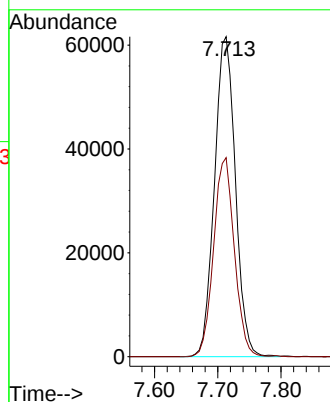
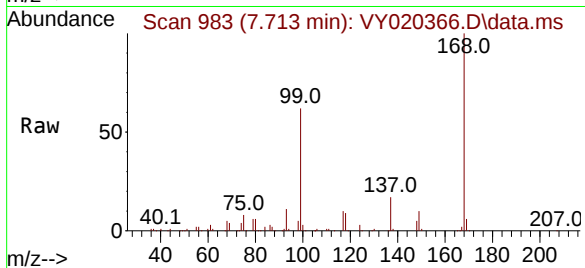




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

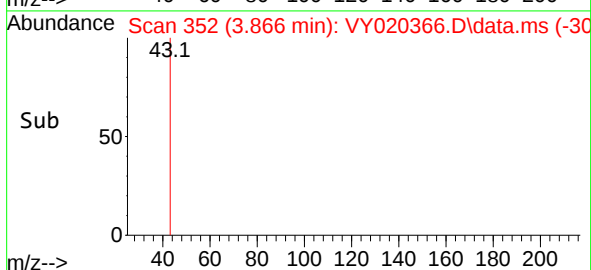
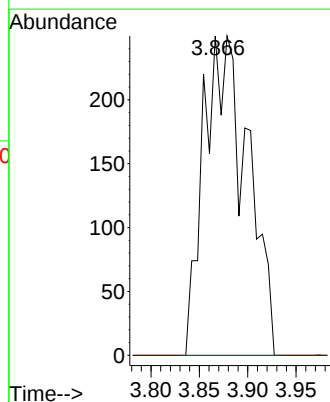
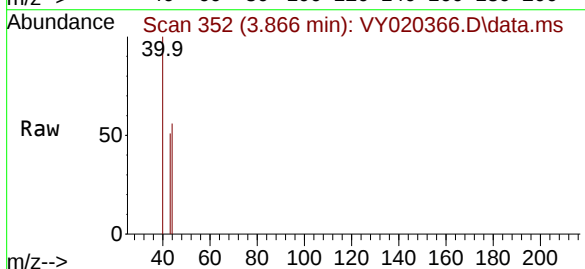
Instrument :
MSVOA_Y
ClientSampleId :

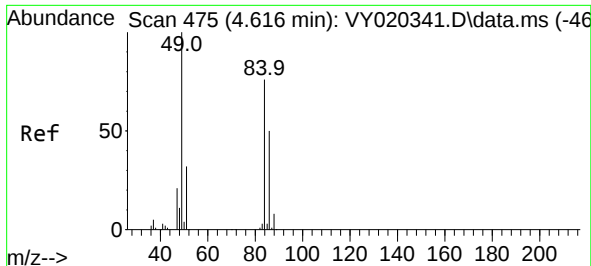
Tgt Ion:168 Resp: 141591
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#16
Acetone
Concen: 2.031 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

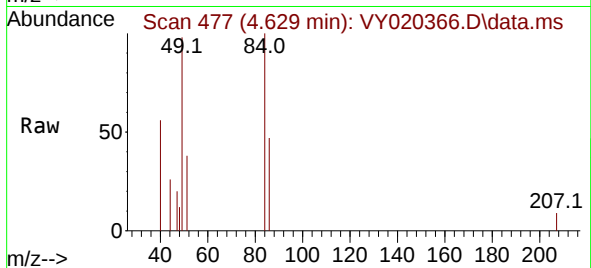
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



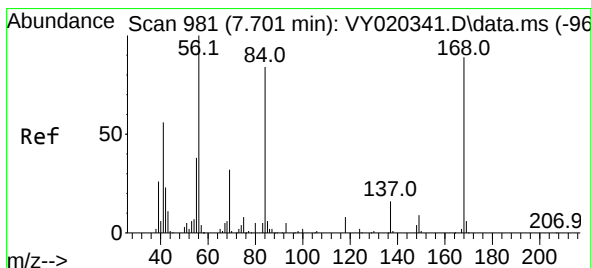
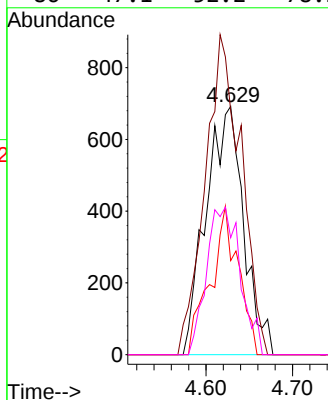
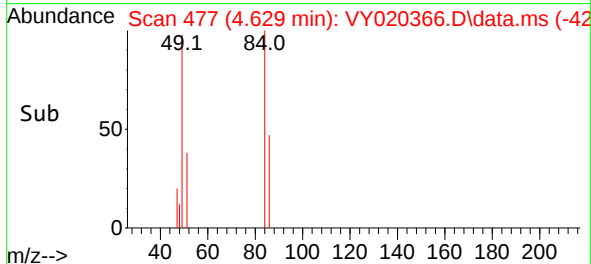


#20
Methylene Chloride
Concen: 1.262 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

Instrument :
MSVOA_Y
ClientSampleId :

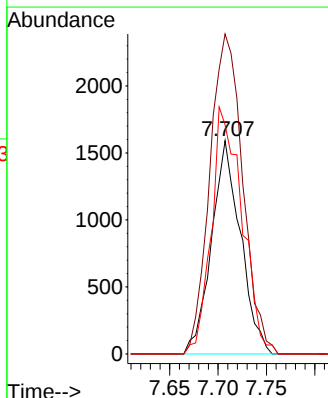
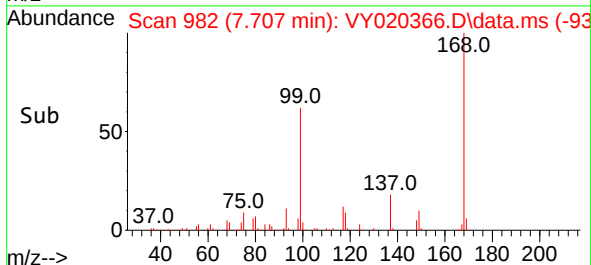
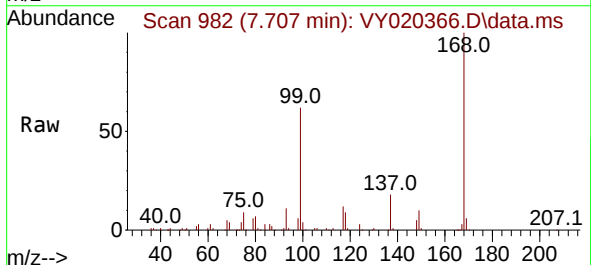


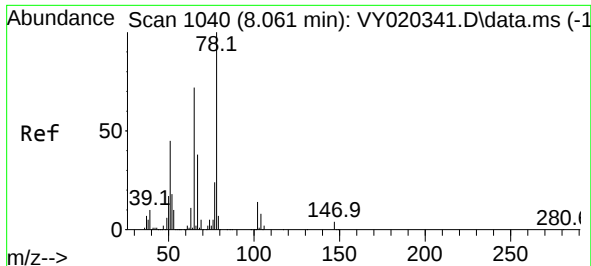
Tgt Ion: 84 Resp: 2084
Ion Ratio Lower Upper
84 100
49 98.3 104.7 157.1#
51 37.9 33.4 50.0
86 47.1 52.2 78.2#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

Tgt Ion: 56 Resp: 3311
Ion Ratio Lower Upper
56 100
69 150.0 25.3 37.9#
84 107.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 57.681 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

Instrument :

MSVOA_Y

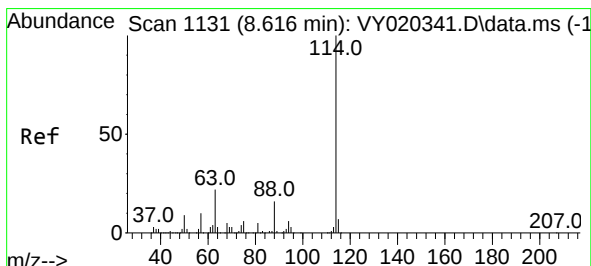
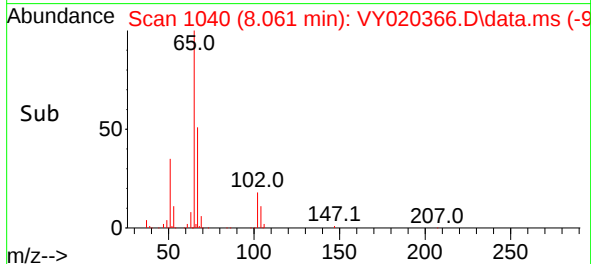
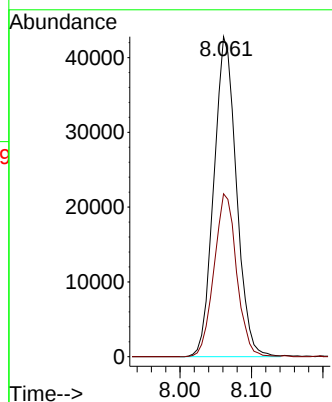
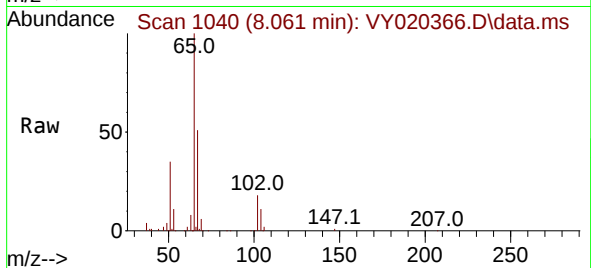
ClientSampleId :

Tgt Ion: 65 Resp: 93831

Ion Ratio Lower Upper

65 100

67 51.0 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: VY020366.D

Acq: 20 Nov 2024 17:48

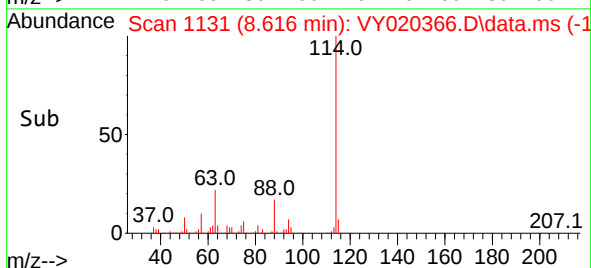
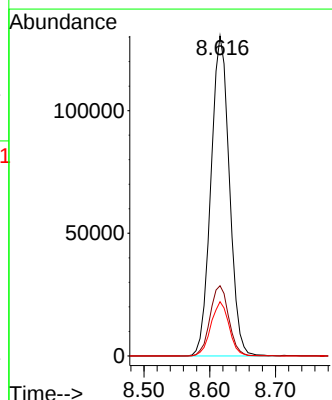
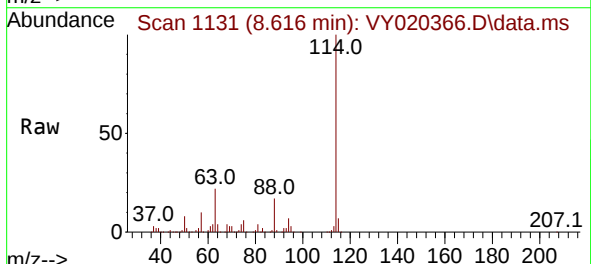
Tgt Ion: 114 Resp: 254889

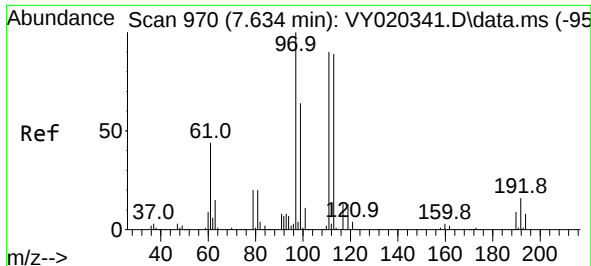
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.8

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.360 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

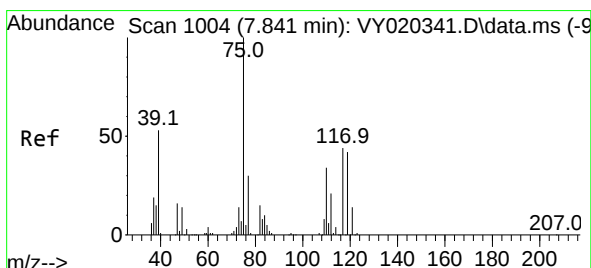
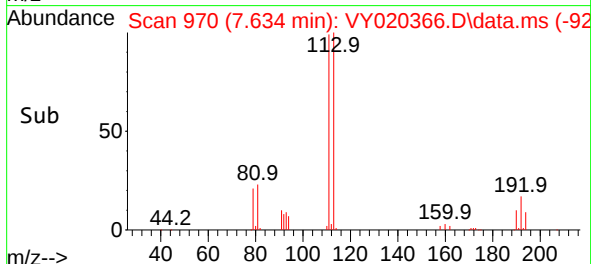
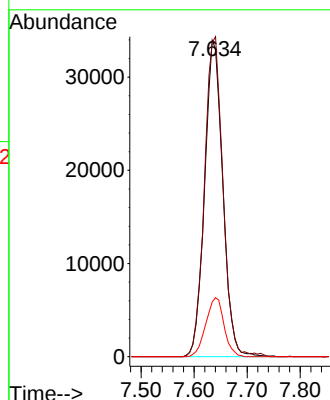
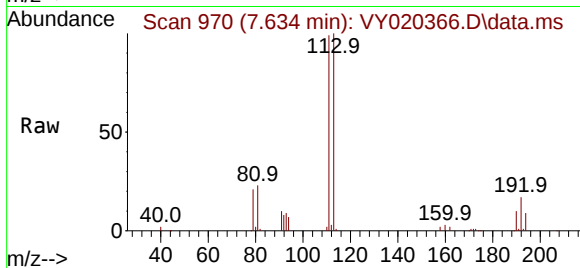
Tgt Ion:113 Resp: 80675

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.7 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.811 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

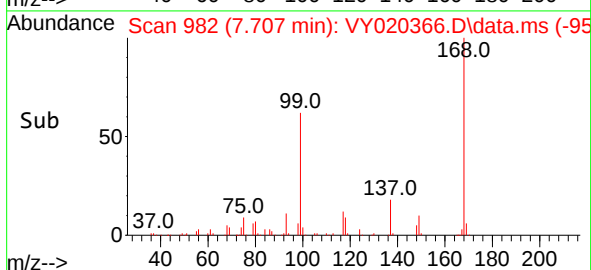
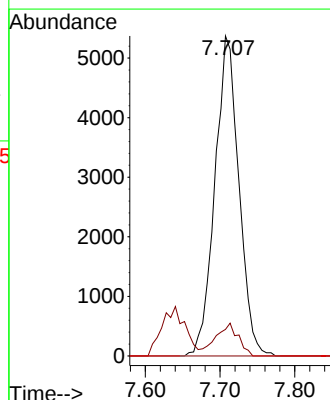
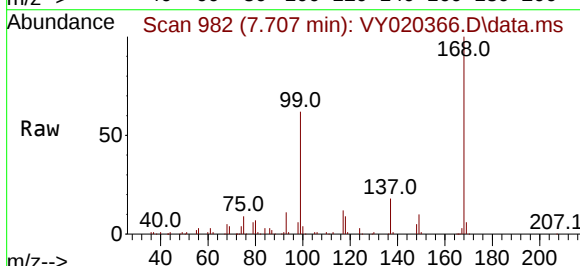
Tgt Ion: 75 Resp: 12010

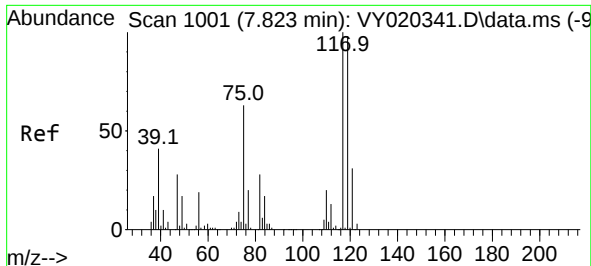
Ion Ratio Lower Upper

75 100

110 9.3 16.7 50.0#

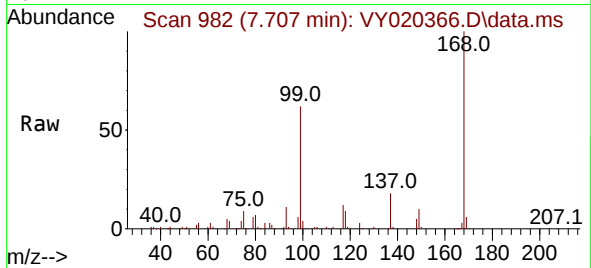
77 0.0 24.6 36.8#



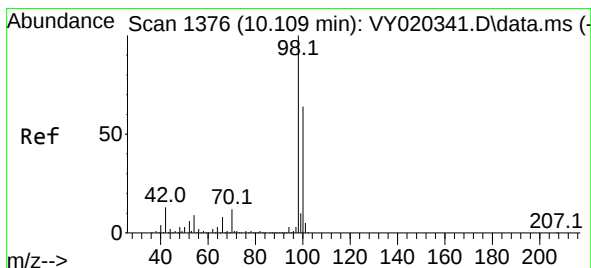
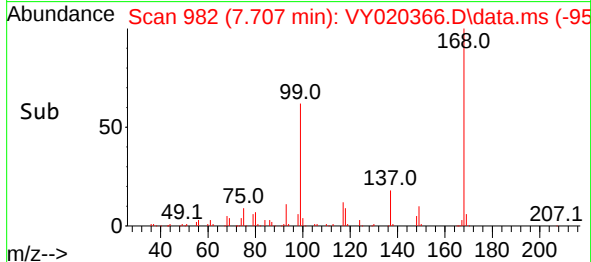
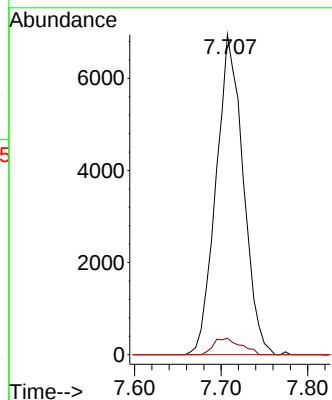


#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

Instrument :
MSVOA_Y
ClientSampleId :

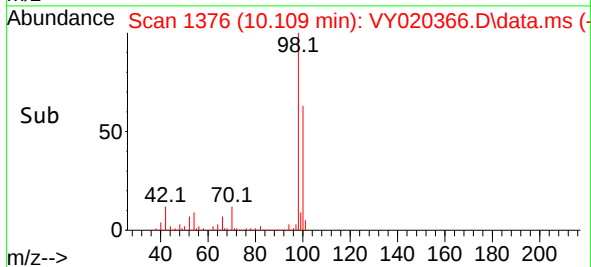
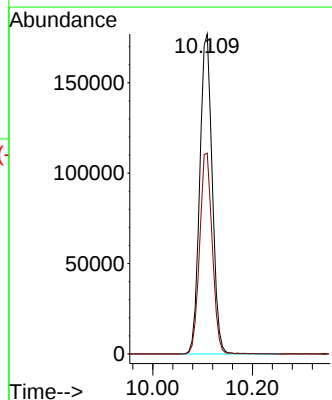
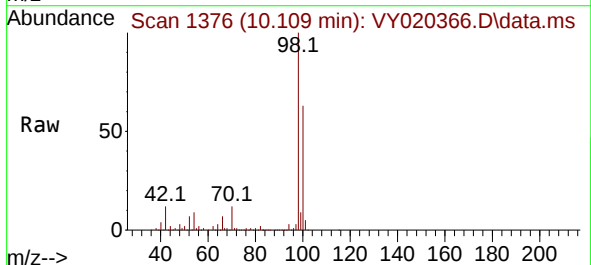


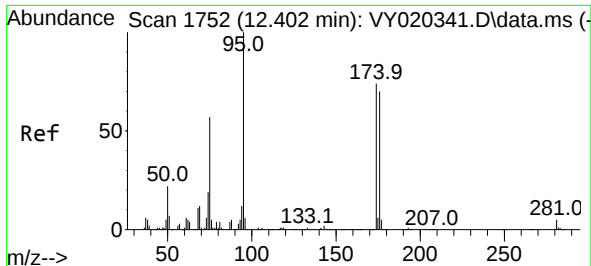
Tgt Ion:117 Resp: 15101
Ion Ratio Lower Upper
117 100
119 5.2 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.687 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

Tgt Ion: 98 Resp: 307025
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

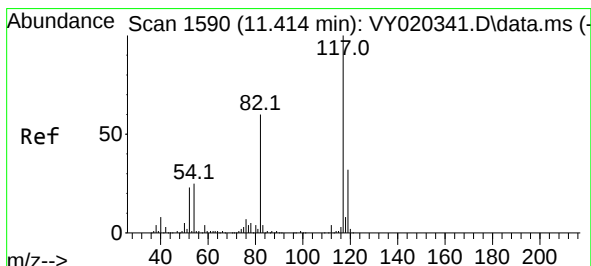
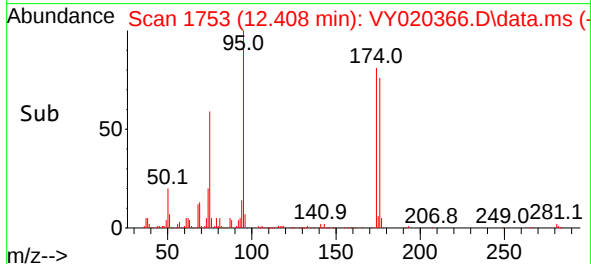
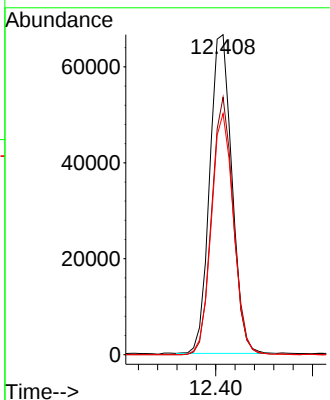
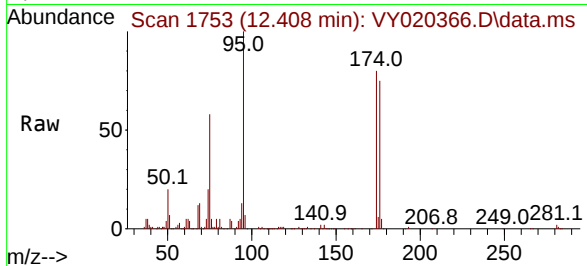




#62
4-Bromofluorobenzene
Concen: 51.233 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

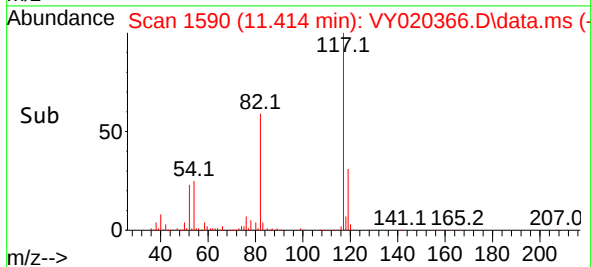
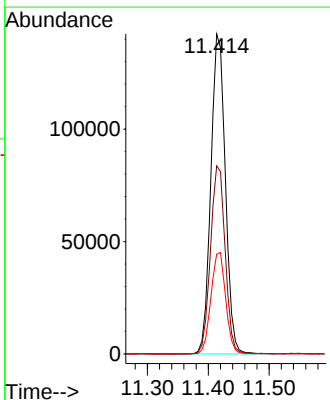
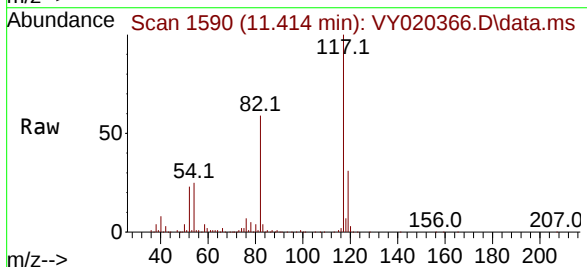
Instrument :
MSVOA_Y
ClientSampleId :

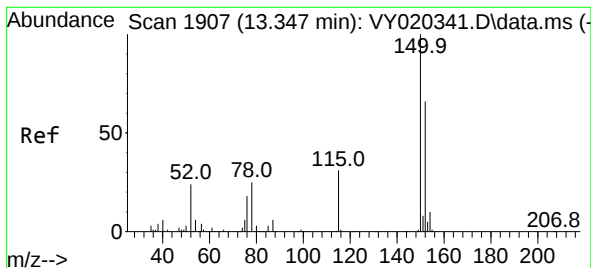
Tgt Ion: 95 Resp: 106037
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.8
176 75.5 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020366.D
Acq: 20 Nov 2024 17:48

Tgt Ion: 117 Resp: 235127
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.4
119 31.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

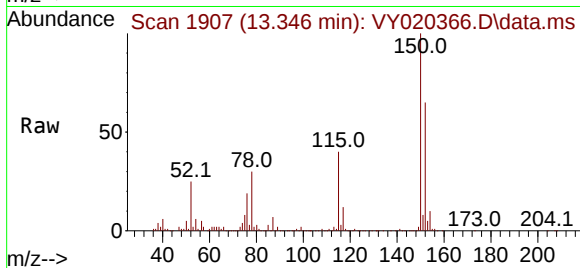
Lab File: VY020366.D

Acq: 20 Nov 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :



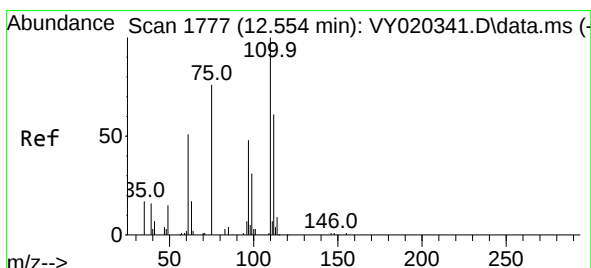
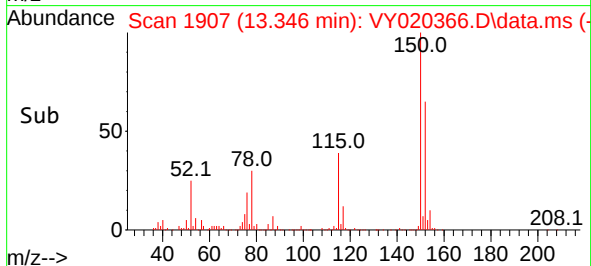
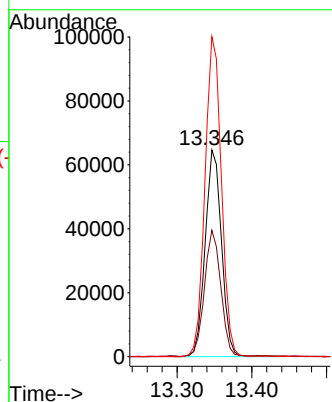
Tgt Ion:152 Resp: 98250

Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

150 155.1 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 65.424 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020366.D

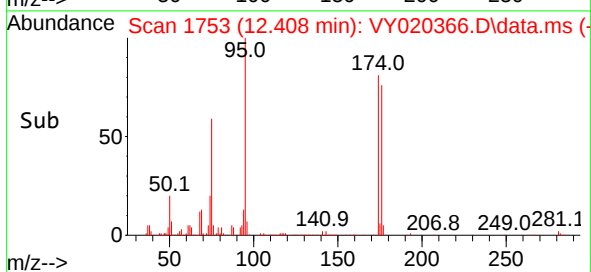
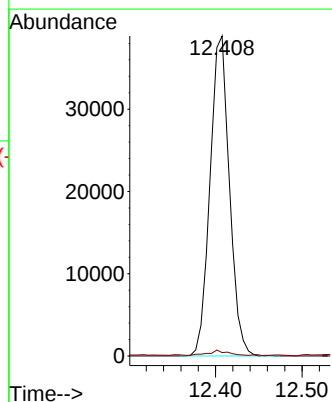
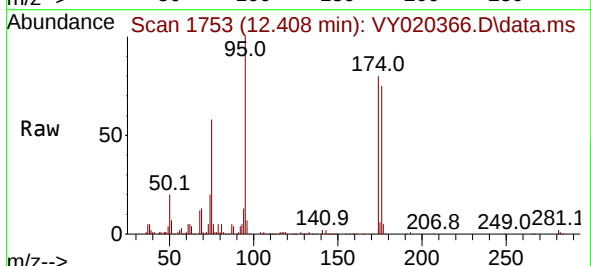
Acq: 20 Nov 2024 17:48

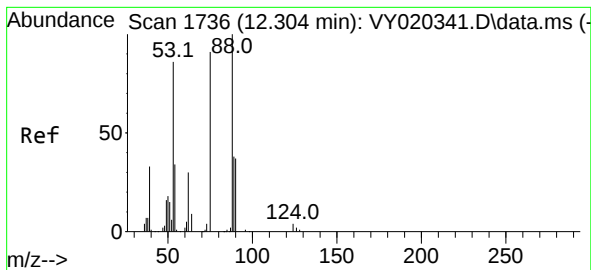
Tgt Ion: 75 Resp: 60585

Ion Ratio Lower Upper

75 100

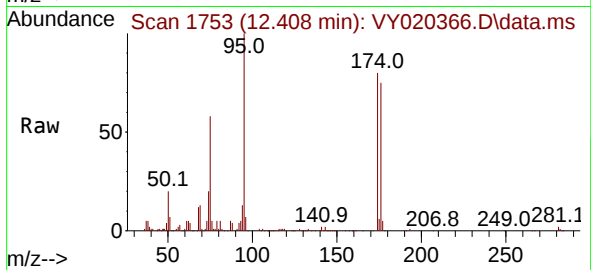
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.195 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020366.D
 Acq: 20 Nov 2024 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60585
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.1 121.7#
 89 0.1 35.1 52.7#

