

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020447.D
 Acq On : 26 Nov 2024 13:34
 Operator : SY/MD
 Sample : P4985-07
 Misc : 3.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 01:40:46 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)

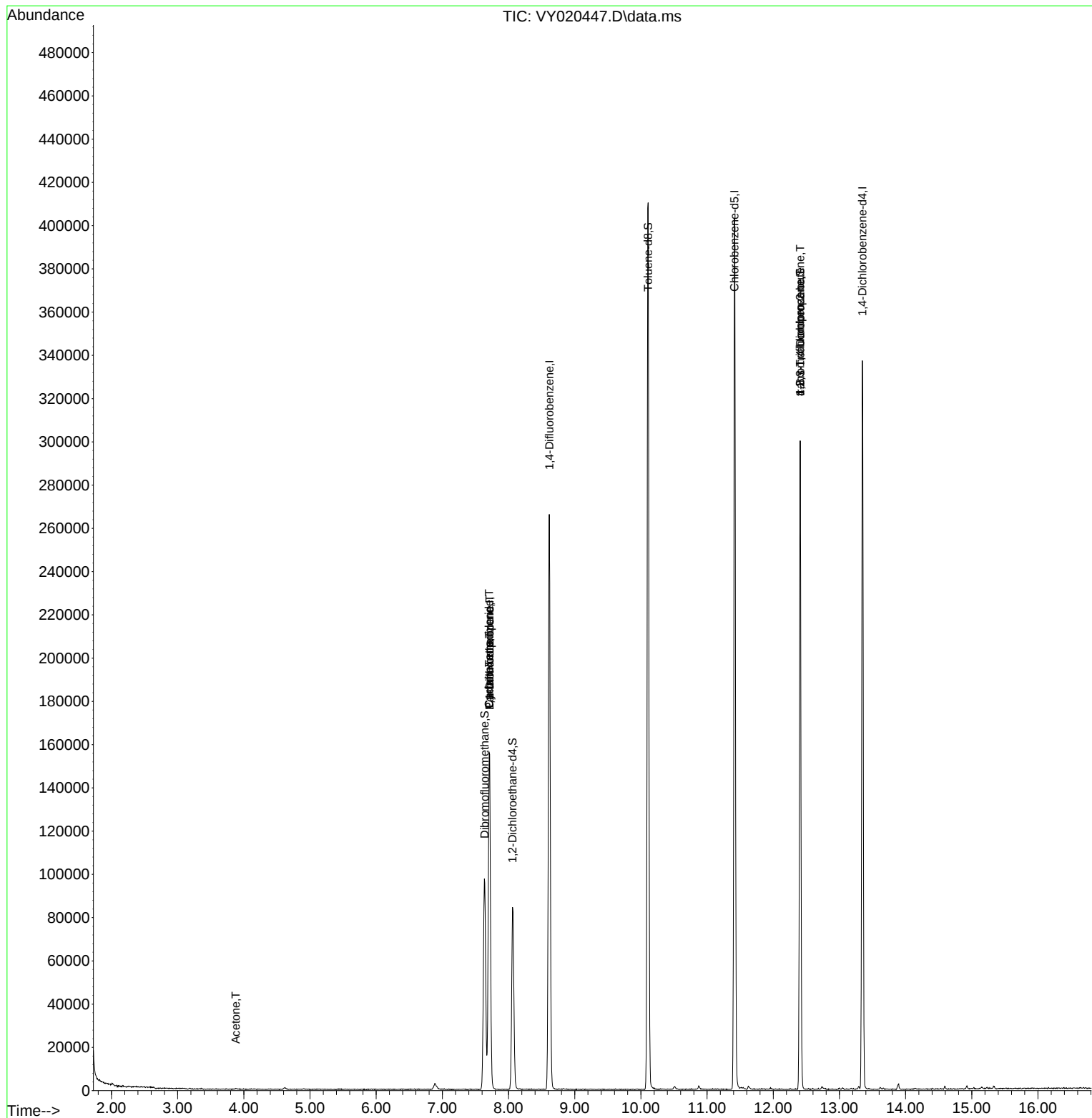
Internal Standards						
1) Pentafluorobenzene	7.713	168	117997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	221277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	208724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	81343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72273	53.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.640	113	70234	49.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.000%	
50) Toluene-d8	10.109	98	268952	48.119	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.240%	
62) 4-Bromofluorobenzene	12.408	95	90427	50.327	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.660%	
Target Compounds						Qvalue
3) Chloromethane	2.080	50	72	Below Cal	#	41
16) Acetone	3.879	43	580	1.785	ug/l #	81
31) Cyclohexane	7.707	56	2767	1.095	ug/l #	35
36) 1,1-Dichloropropene	7.713	75	9553	4.408	ug/l #	52
38) Carbon Tetrachloride	7.707	117	12594	5.566	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	50432	65.780	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	50432	128.892	ug/l #	9

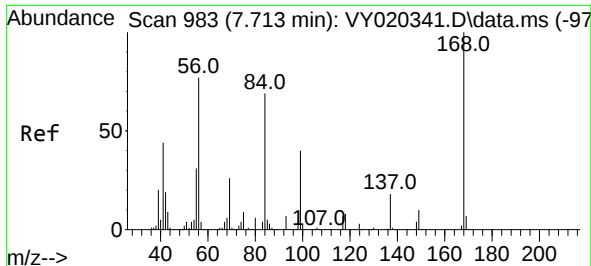
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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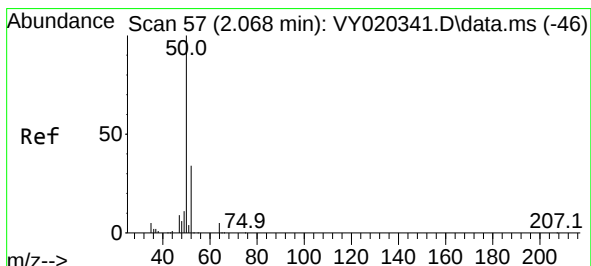
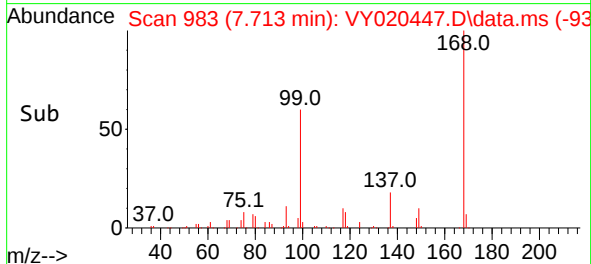
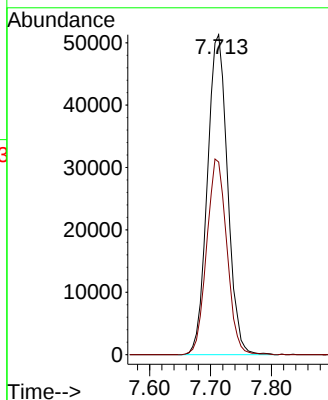
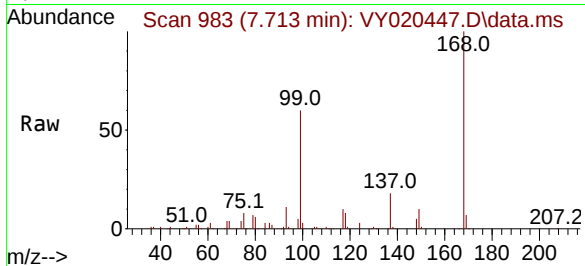




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

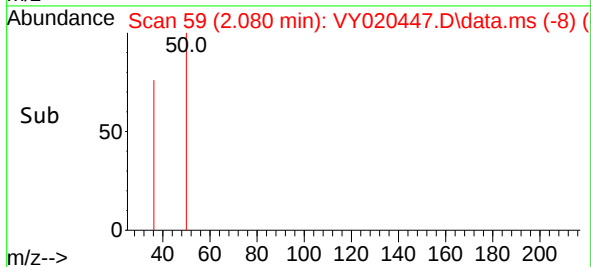
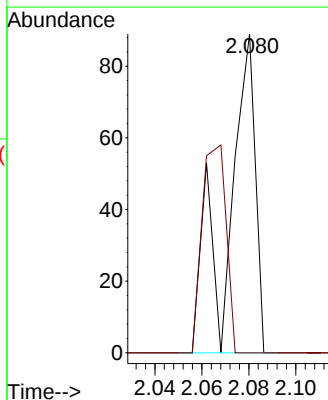
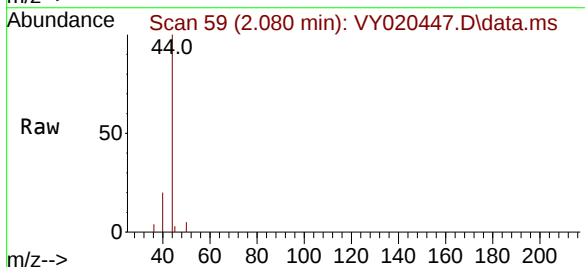
Instrument :
MSVOA_Y
ClientSampleId :

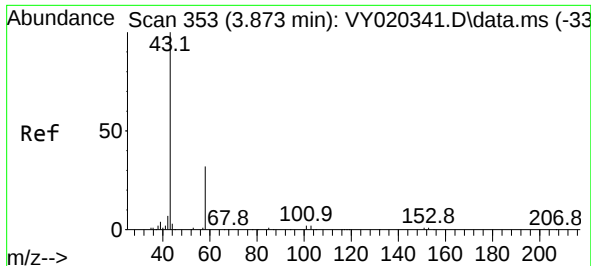
Tgt Ion:168 Resp: 117997
Ion Ratio Lower Upper
168 100
99 60.2 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#16

Acetone

Concen: 1.785 ug/l

RT: 3.879 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY020447.D

Acq: 26 Nov 2024 13:34

Instrument :

MSVOA_Y

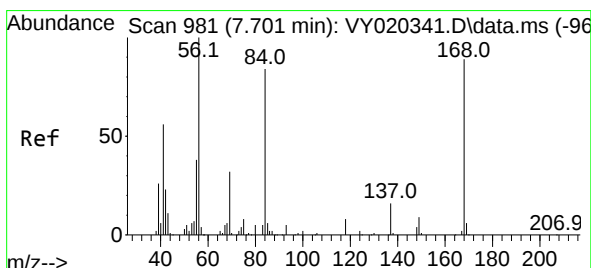
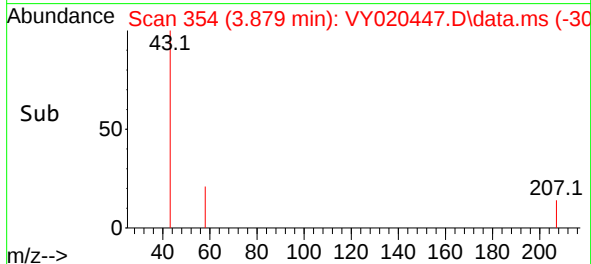
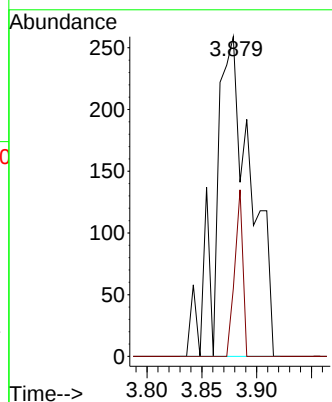
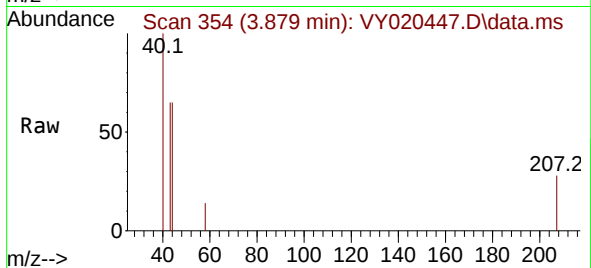
ClientSampleId :

Tgt Ion: 43 Resp: 580

Ion Ratio Lower Upper

43 100

58 21.2 25.7 38.5#



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020447.D

Acq: 26 Nov 2024 13:34

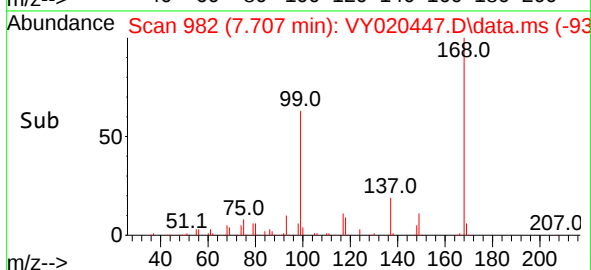
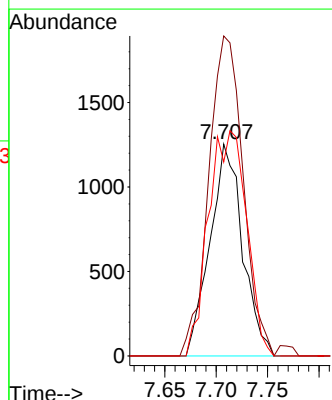
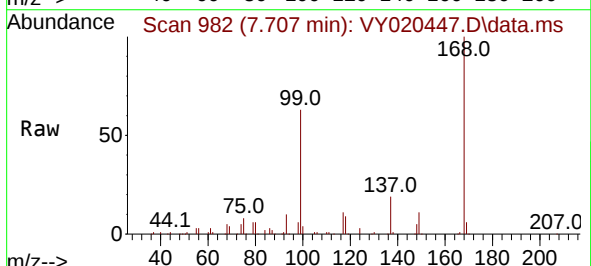
Tgt Ion: 56 Resp: 2767

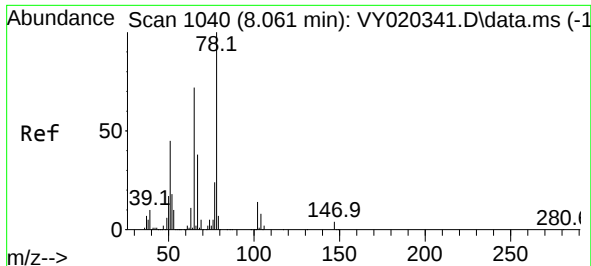
Ion Ratio Lower Upper

56 100

69 151.0 25.3 37.9#

84 91.5 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 53.312 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020447.D

Acq: 26 Nov 2024 13:34

Instrument :

MSVOA_Y

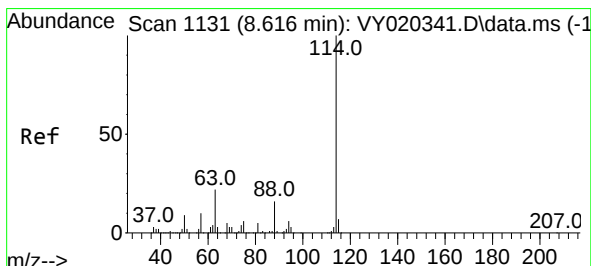
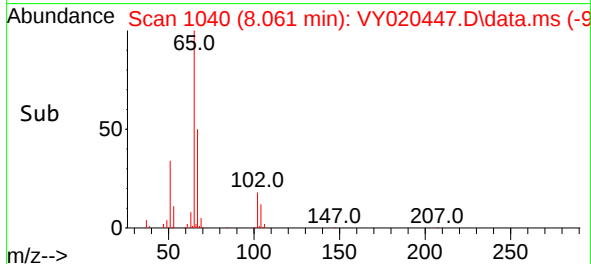
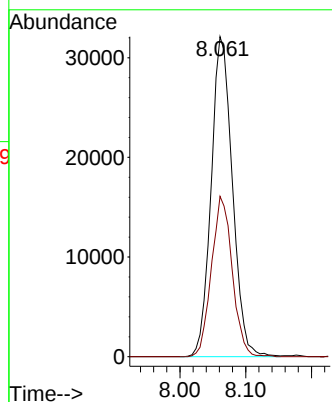
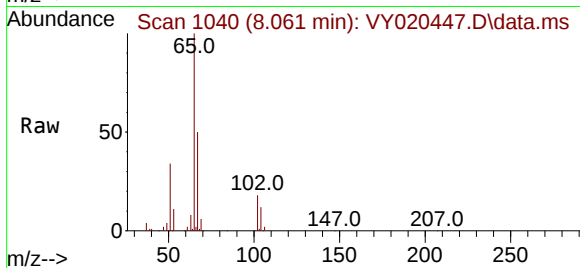
ClientSampleId :

Tgt Ion: 65 Resp: 72273

Ion Ratio Lower Upper

65 100

67 49.0 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: VY020447.D

Acq: 26 Nov 2024 13:34

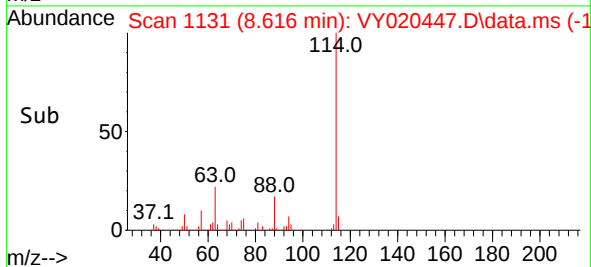
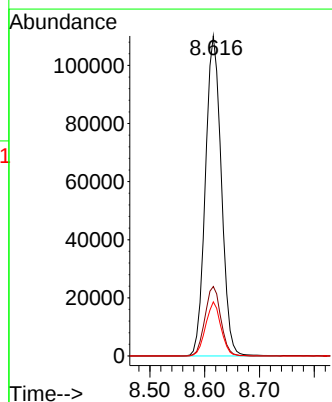
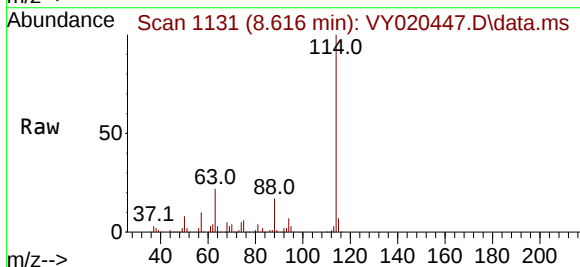
Tgt Ion: 114 Resp: 221277

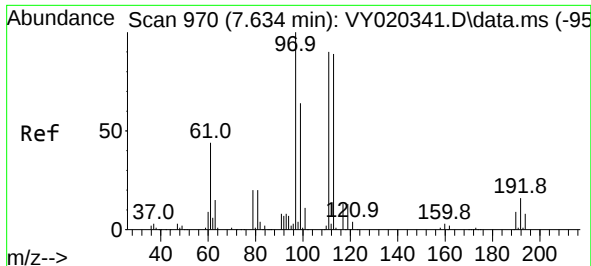
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

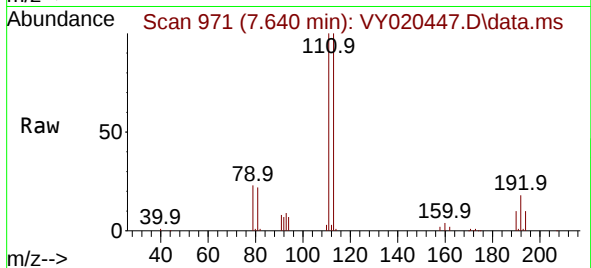
88 16.9 0.0 32.0



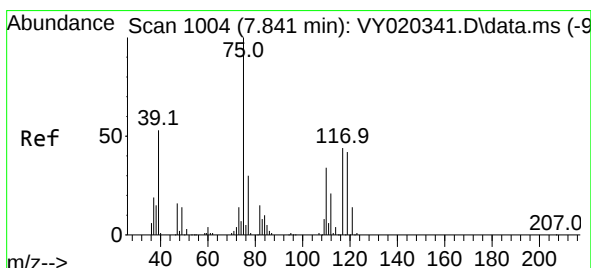
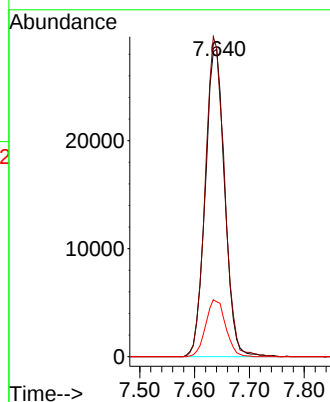
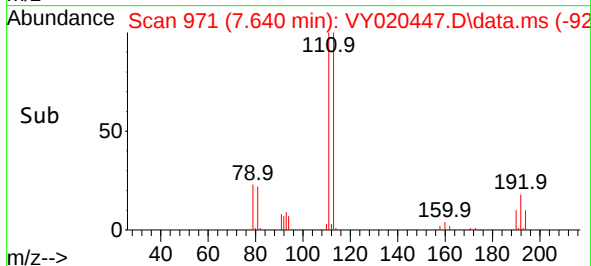


#35
Dibromofluoromethane
Concen: 49.499 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

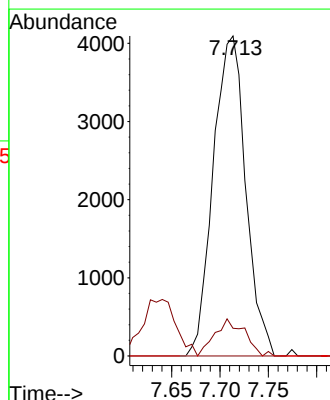
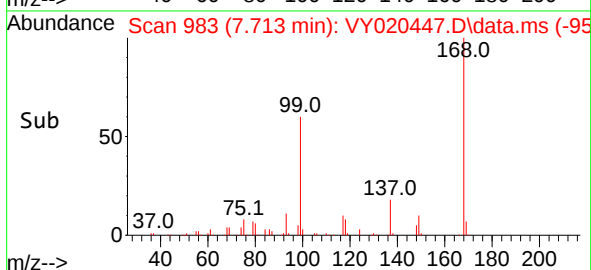
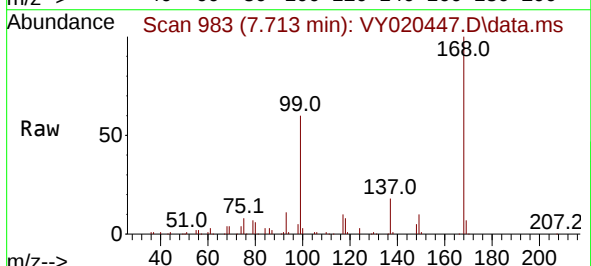


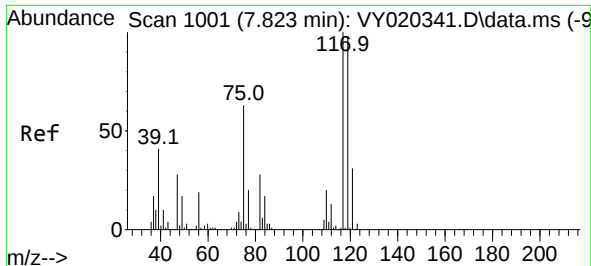
Tgt Ion:113 Resp: 70234
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

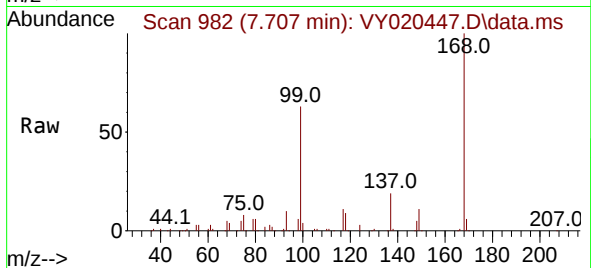
Tgt Ion: 75 Resp: 9553
Ion Ratio Lower Upper
75 100
110 10.7 16.7 50.0#
77 0.0 24.6 36.8#



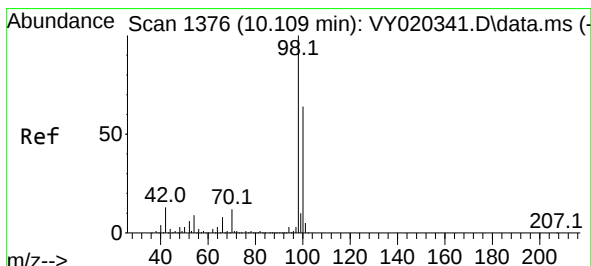
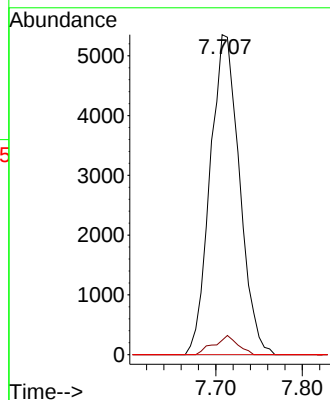
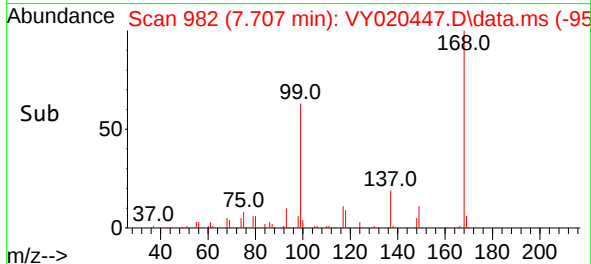


#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

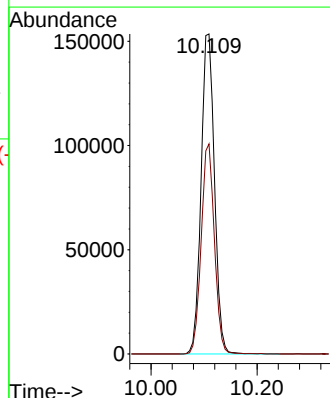
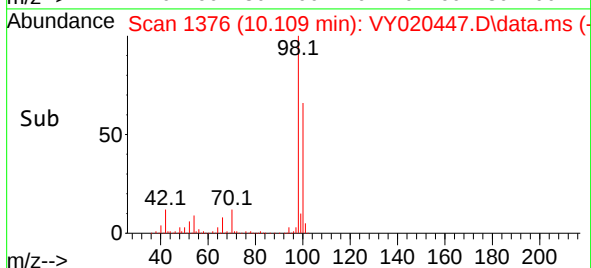
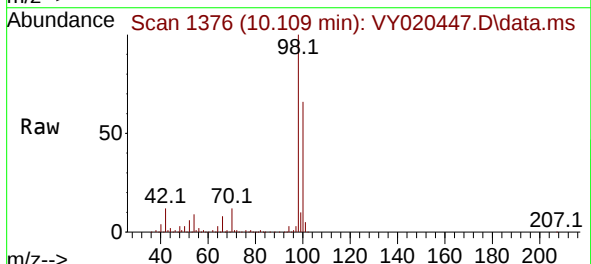


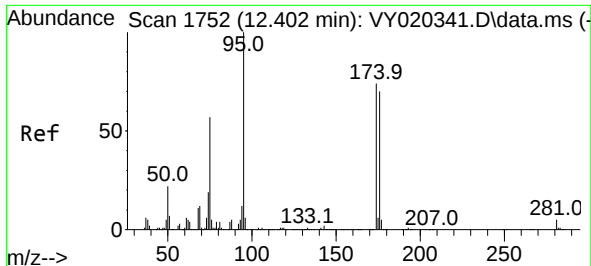
Tgt Ion:117 Resp: 12594
Ion Ratio Lower Upper
117 100
119 4.5 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.119 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

Tgt Ion: 98 Resp: 268952
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9

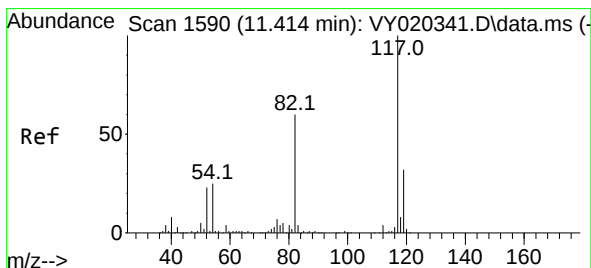
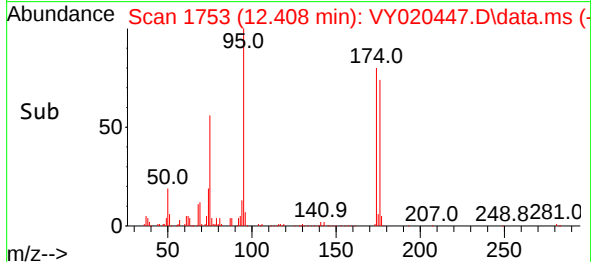
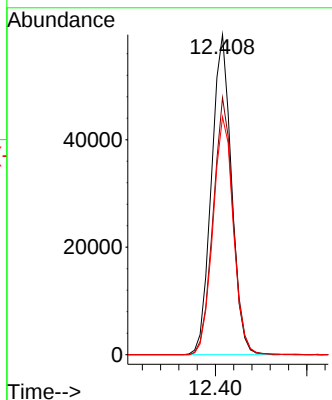
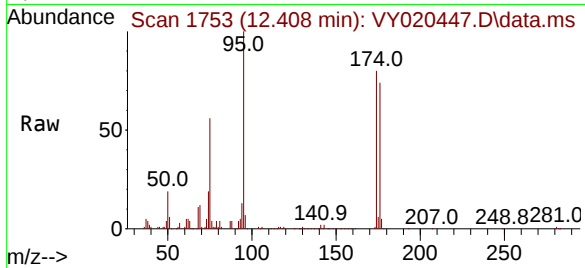




#62
4-Bromofluorobenzene
Concen: 50.327 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

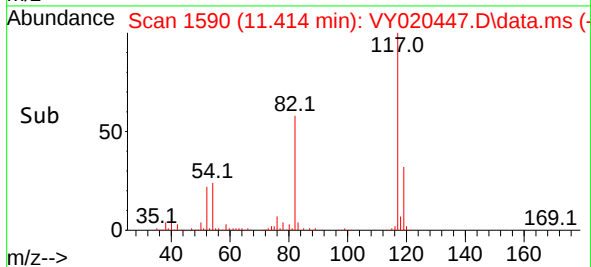
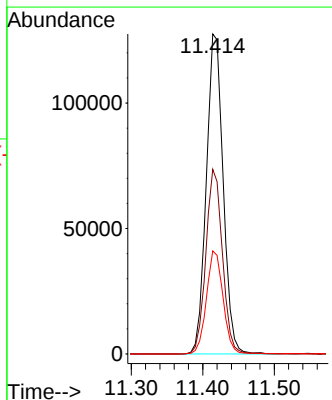
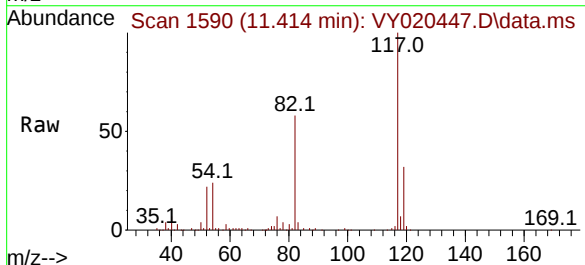
Instrument :
MSVOA_Y
ClientSampleId :

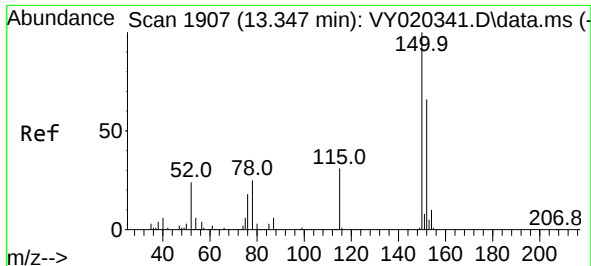
Tgt Ion: 95 Resp: 90427
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.8
176 76.0 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

Tgt Ion: 117 Resp: 208724
Ion Ratio Lower Upper
117 100
82 57.7 48.2 72.4
119 32.2 25.8 38.8

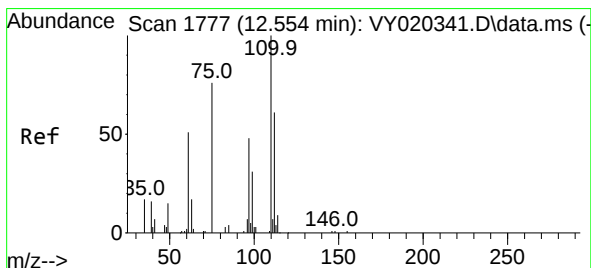
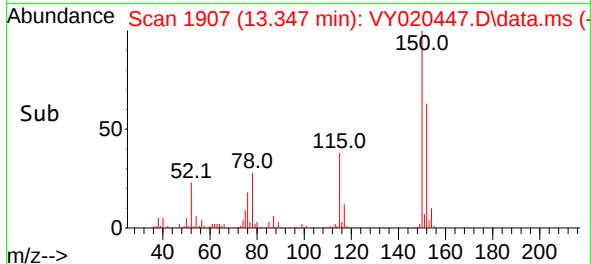
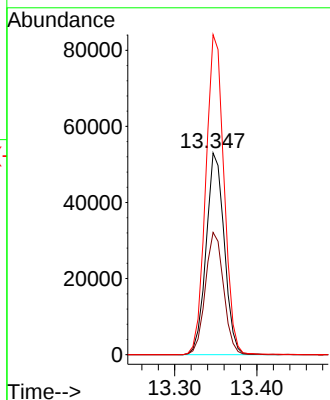
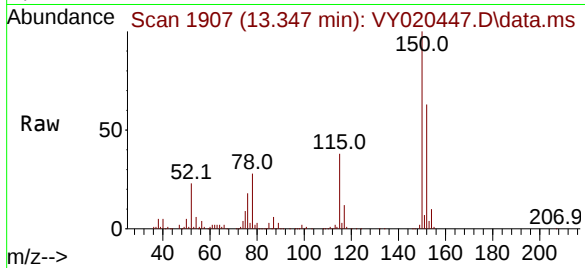




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020447.D
 Acq: 26 Nov 2024 13:34

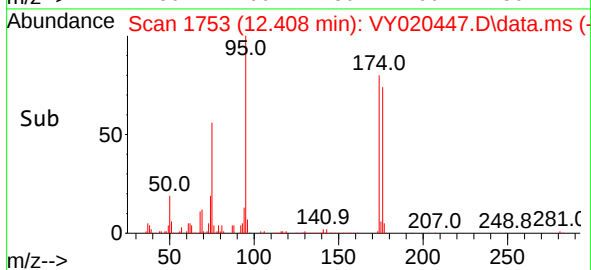
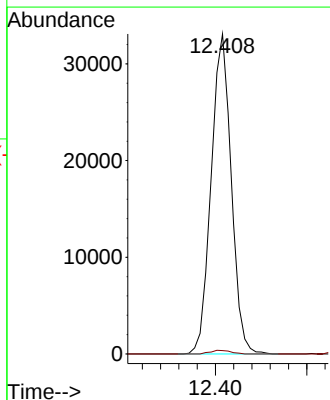
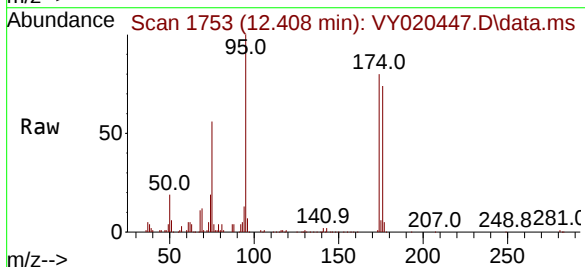
Instrument :
 MSVOA_Y
 ClientSampleId :

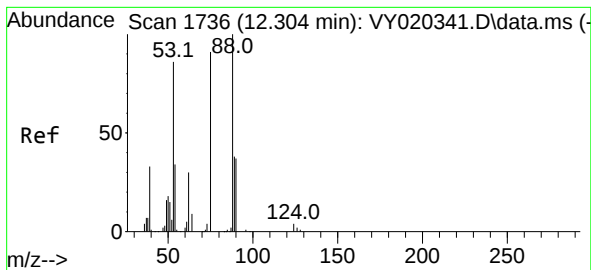
Tgt Ion:152 Resp: 81343
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.0 90.0
 150 159.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 65.780 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020447.D
 Acq: 26 Nov 2024 13:34

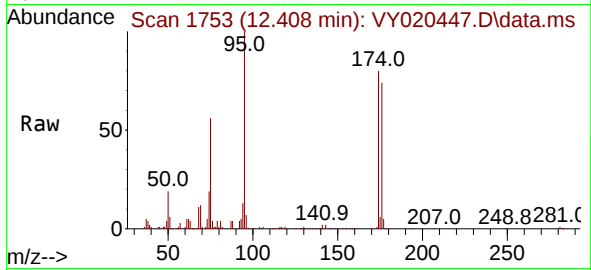
Tgt Ion: 75 Resp: 50432
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.892 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020447.D
Acq: 26 Nov 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 50432
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

