

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020652.D
 Acq On : 19 Dec 2024 14:02
 Operator : SY/MD
 Sample : P5306-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-07-121224

Quant Time: Dec 20 00:49:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

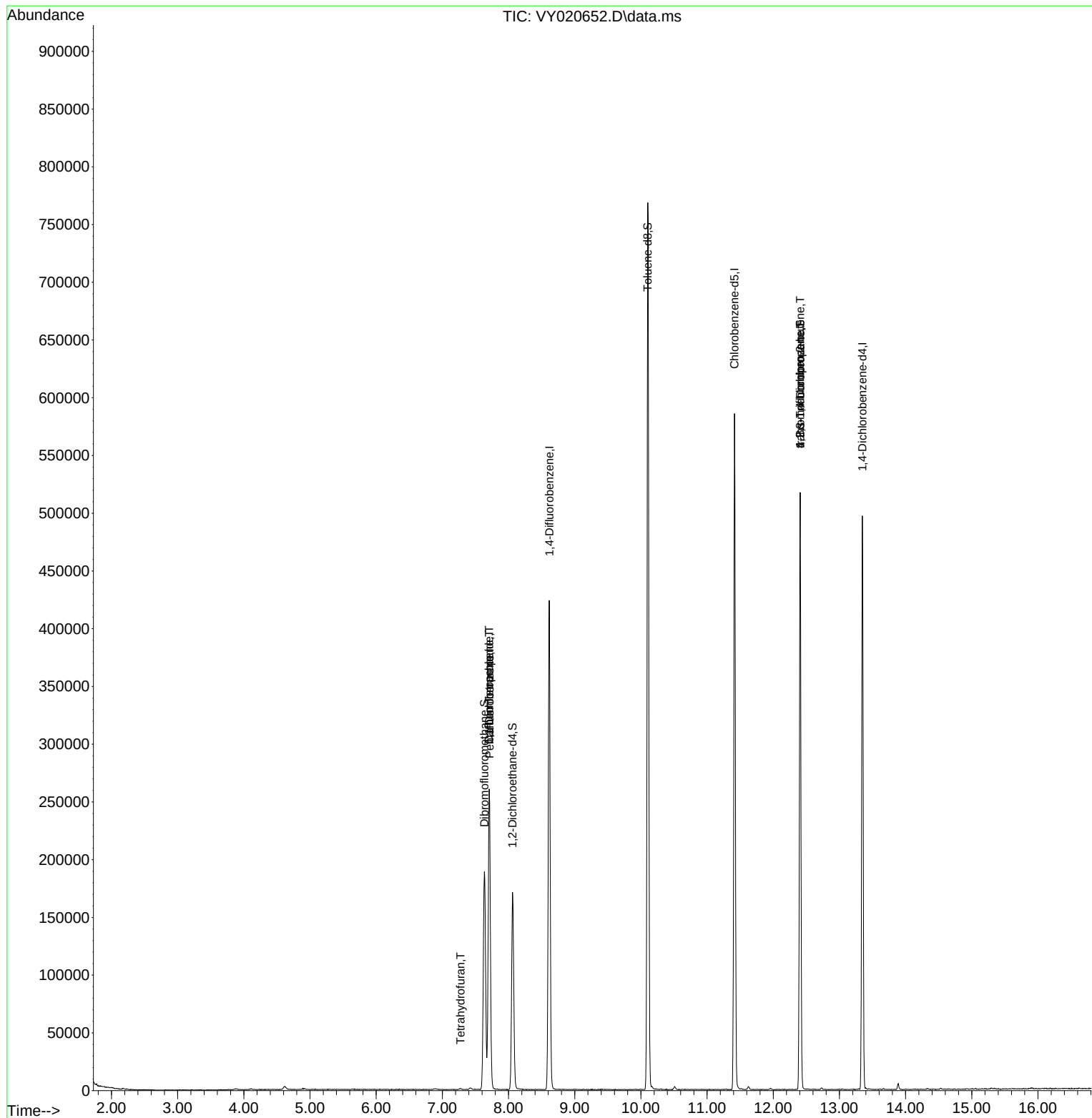
Internal Standards						
1) Pentafluorobenzene	7.713	168	200454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	353691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137094	62.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.900%	
35) Dibromofluoromethane	7.634	113	138350	55.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.000%	
50) Toluene-d8	10.103	98	502199	57.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.120%	
62) 4-Bromofluorobenzene	12.408	95	163291	47.845	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	162	Below Cal	#	75
16) Acetone	3.866	43	1207	Below Cal	#	54
29) Tetrahydrofuran	7.274	42	641	1.245	ug/l #	85
30) Chloroform	7.427	83	1582	Below Cal		99
36) 1,1-Dichloropropene	7.707	75	15777	3.471	ug/l #	50
38) Carbon Tetrachloride	7.707	117	20927	4.161	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	84254	65.389	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	84254	137.254	ug/l #	12

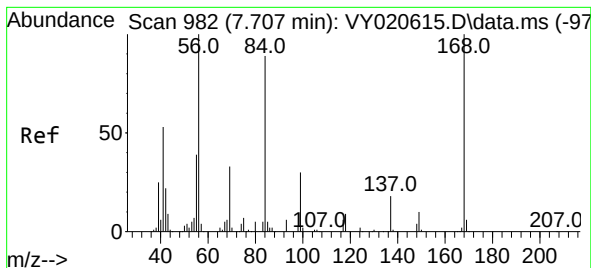
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

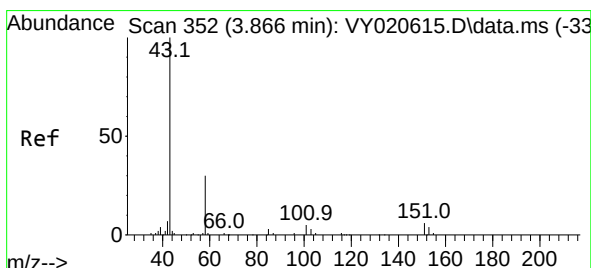
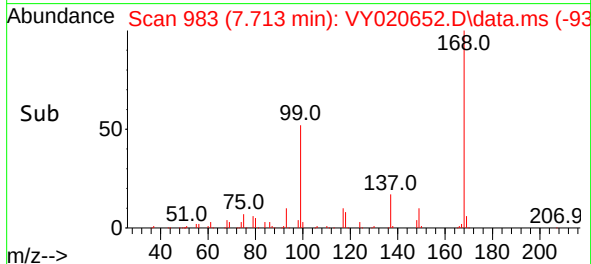
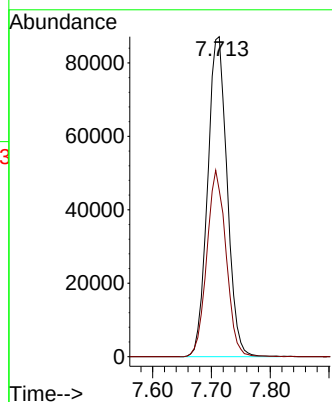
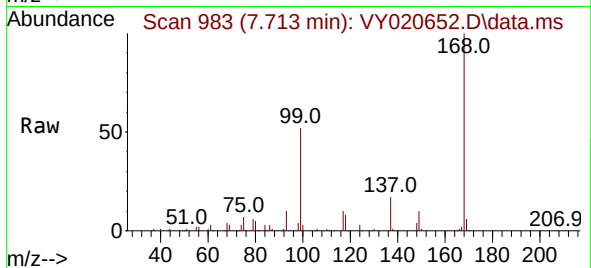
OU4-VSL-07-121224

Tgt Ion:168 Resp: 200454

Ion Ratio Lower Upper

168 100

99 52.0 47.0 70.6



#16

Acetone

Concen: Below Cal

RT: 3.866 min Scan# 352

Delta R.T. 0.000 min

Lab File: VY020652.D

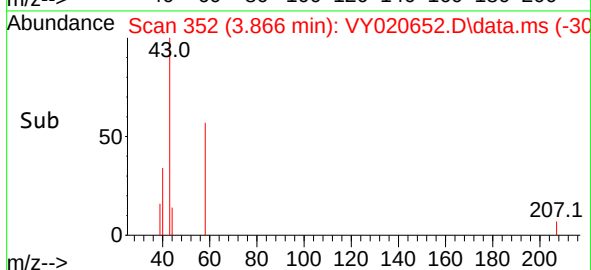
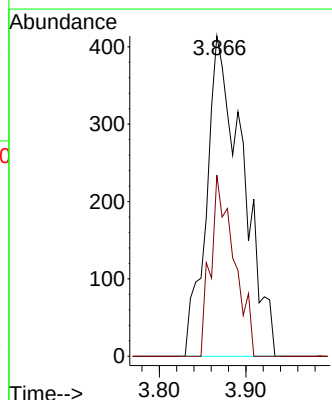
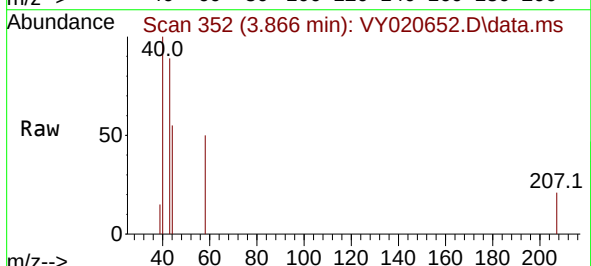
Acq: 19 Dec 2024 14:02

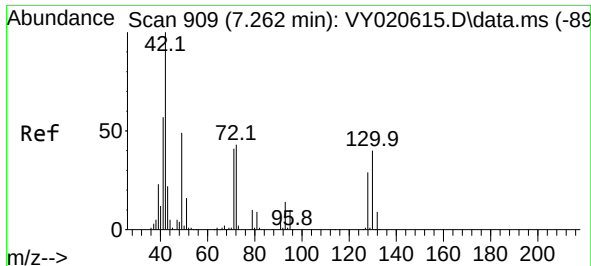
Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

58 56.5 25.0 37.6#





#29

Tetrahydrofuran

Concen: 1.245 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-07-121224

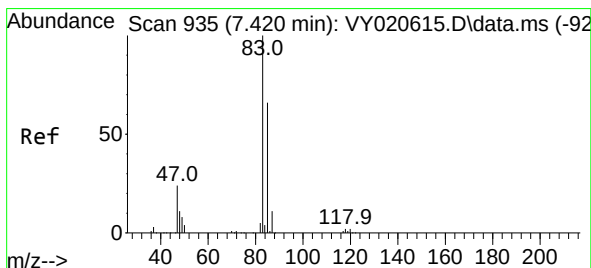
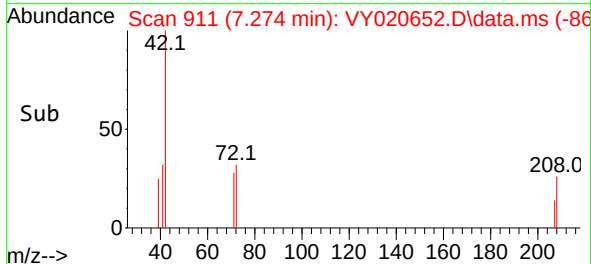
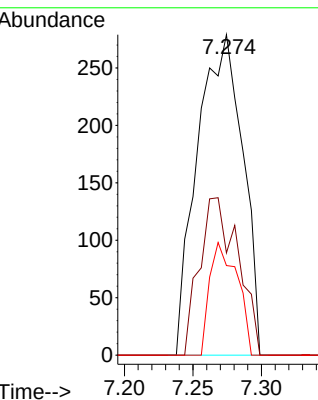
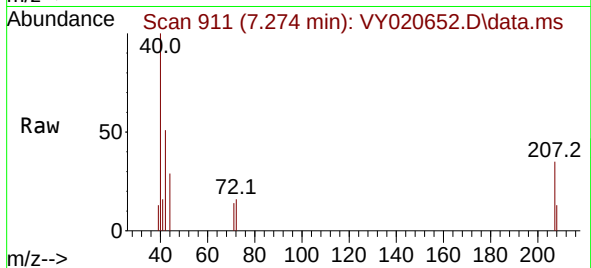
Tgt Ion: 42 Resp: 641

Ion Ratio Lower Upper

42 100

72 41.8 34.0 51.0

71 21.4 31.6 47.4#



#30

Chloroform

Concen: Below Cal

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY020652.D

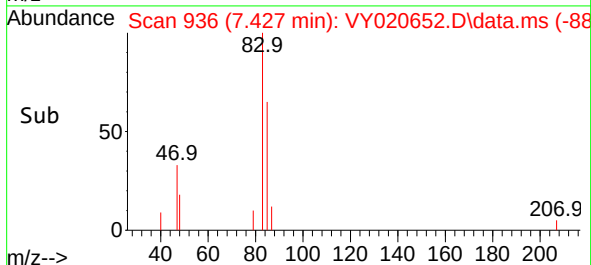
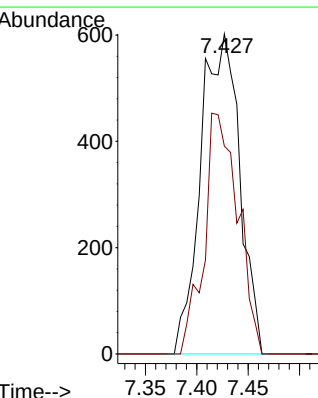
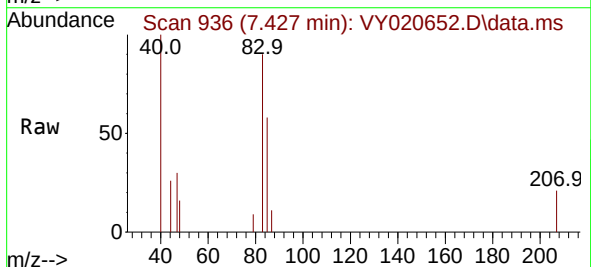
Acq: 19 Dec 2024 14:02

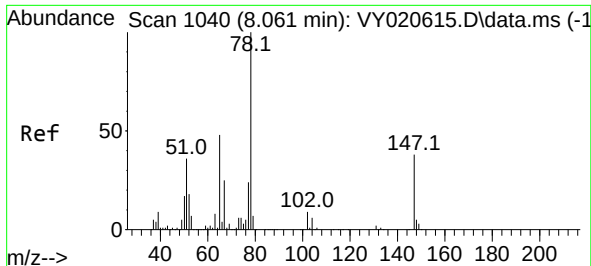
Tgt Ion: 83 Resp: 1582

Ion Ratio Lower Upper

83 100

85 65.0 52.7 79.1



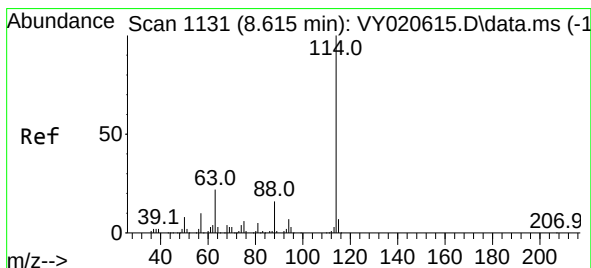
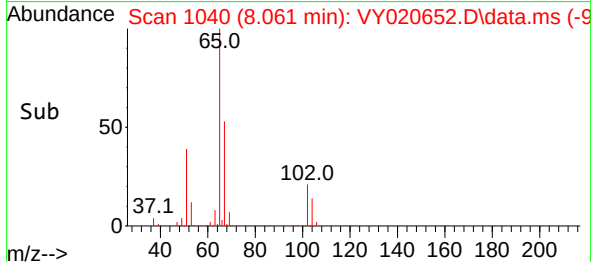
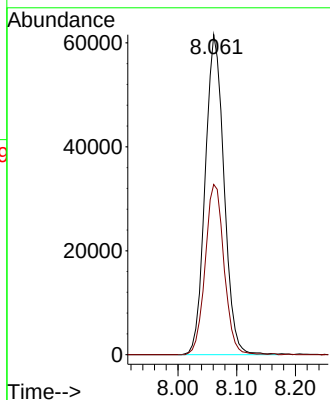
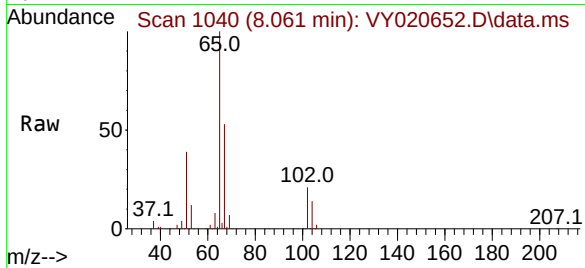


#33
 1,2-Dichloroethane-d4
 Concen: 62.446 ug/l
 RT: 8.061 min Scan# 11040
 Delta R.T. 0.000 min
 Lab File: VY020652.D
 Acq: 19 Dec 2024 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-07-121224

Tgt Ion: 65 Resp: 137094

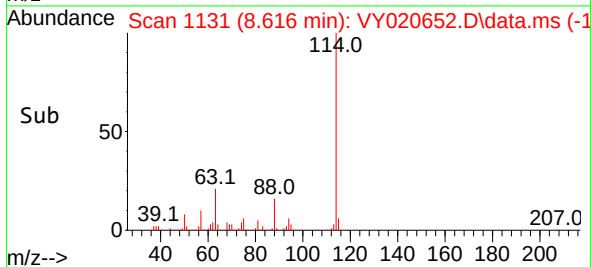
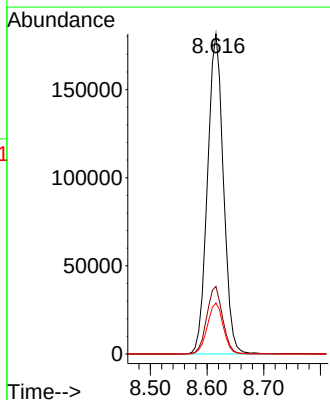
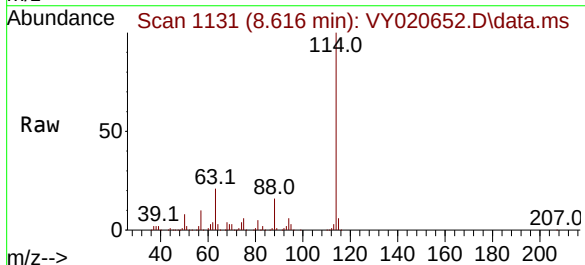
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.0

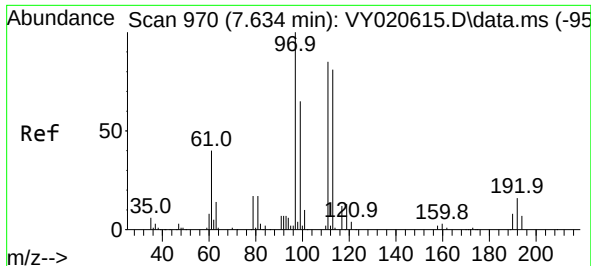


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020652.D
 Acq: 19 Dec 2024 14:02

Tgt Ion: 114 Resp: 353691

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	15.9	0.0	32.8

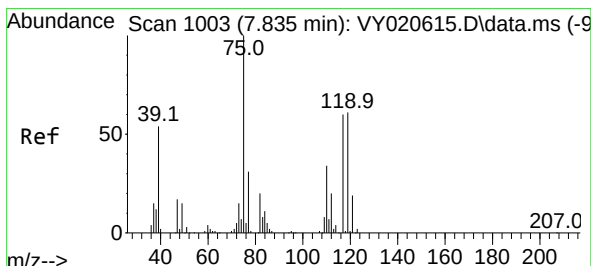
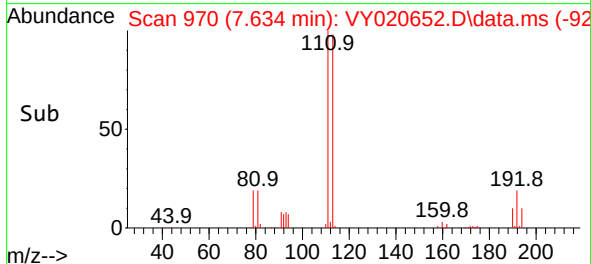
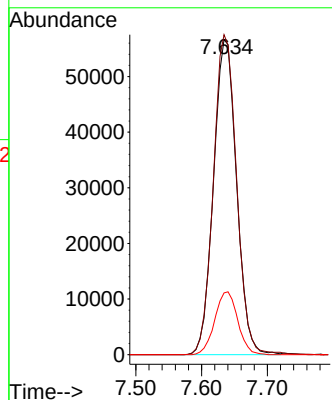
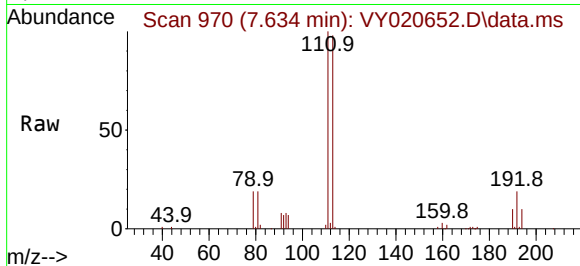




#35
Dibromofluoromethane
Concen: 55.502 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

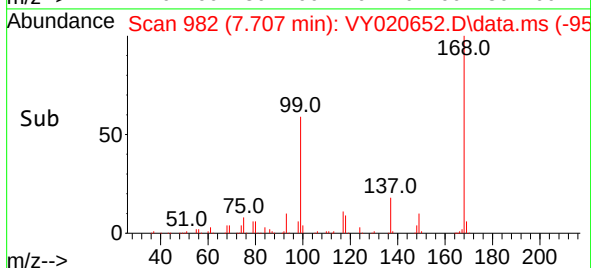
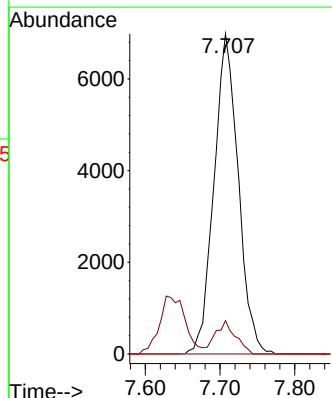
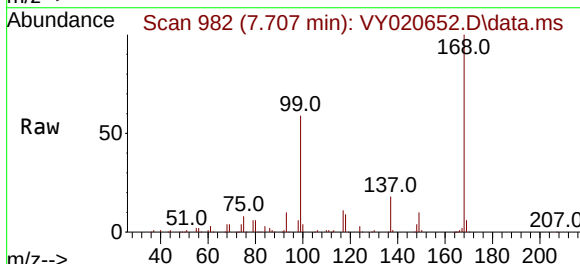
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-07-121224

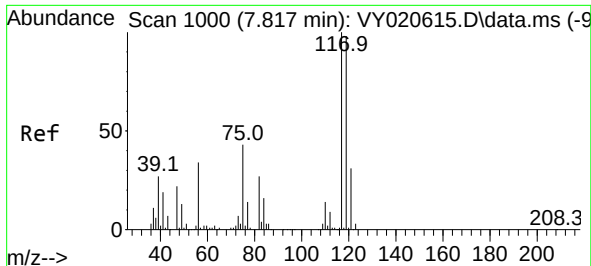
Tgt Ion:113 Resp: 138350
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.9 15.7 23.5



#36
1,1-Dichloropropene
Concen: 3.471 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

Tgt Ion: 75 Resp: 15777
Ion Ratio Lower Upper
75 100
110 8.7 16.8 50.4#
77 0.0 25.0 37.6#

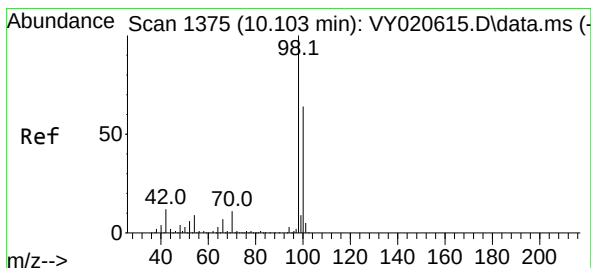
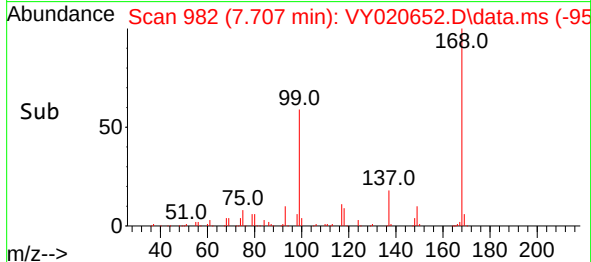
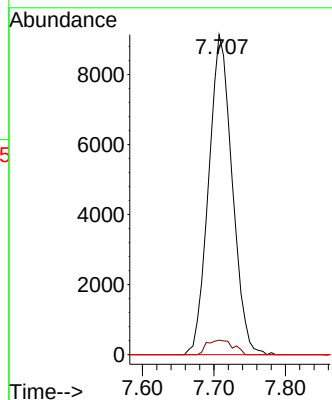
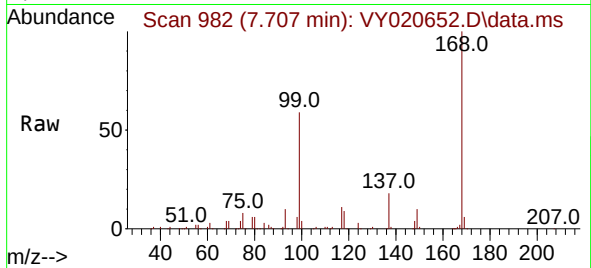




#38
Carbon Tetrachloride
Concen: 4.161 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

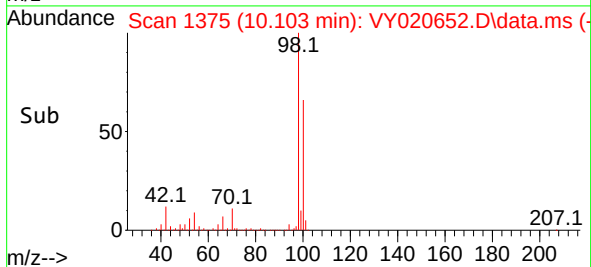
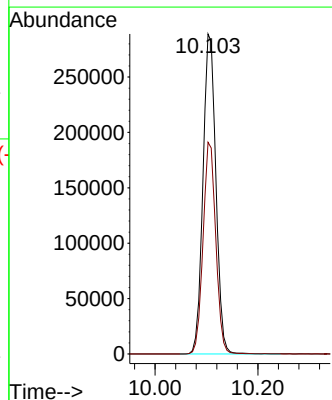
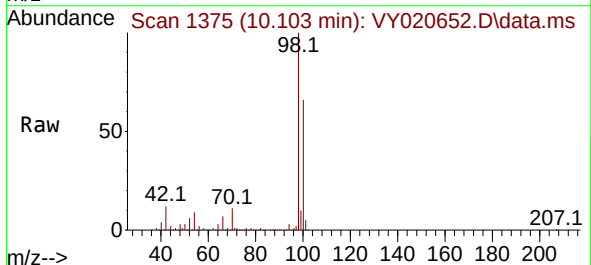
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-07-121224

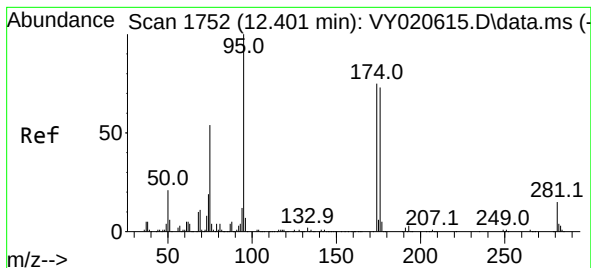
Tgt Ion:117 Resp: 20927
Ion Ratio Lower Upper
117 100
119 4.6 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 57.559 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

Tgt Ion: 98 Resp: 502199
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

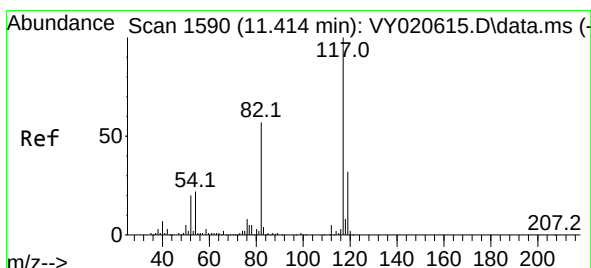
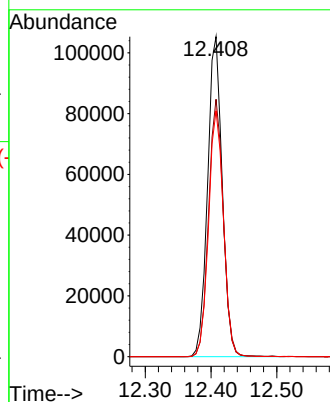
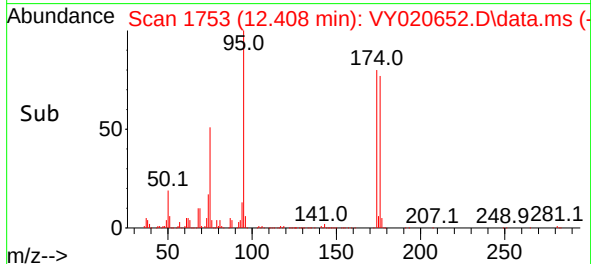
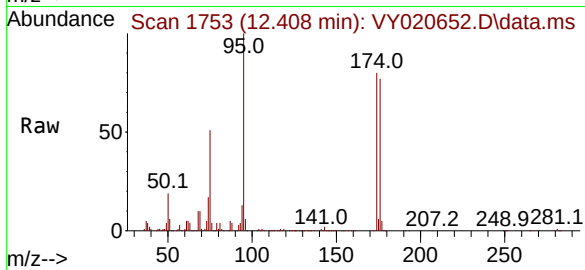




#62
4-Bromofluorobenzene
Concen: 47.845 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

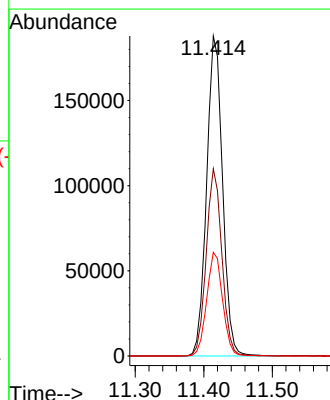
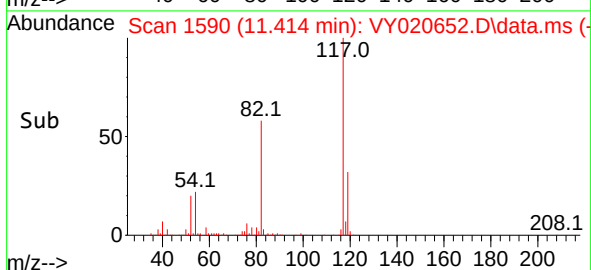
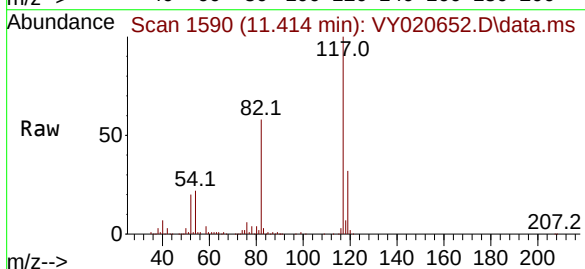
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OU4-VSL-07-121224

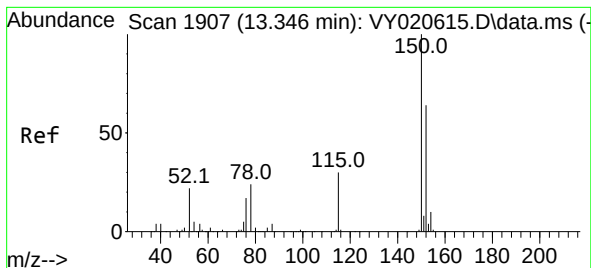
Tgt Ion: 95 Resp: 163291
Ion Ratio Lower Upper
95 100
174 81.2 0.0 161.8
176 78.1 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

Tgt Ion: 117 Resp: 303802
Ion Ratio Lower Upper
117 100
82 58.5 45.8 68.6
119 32.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-07-121224

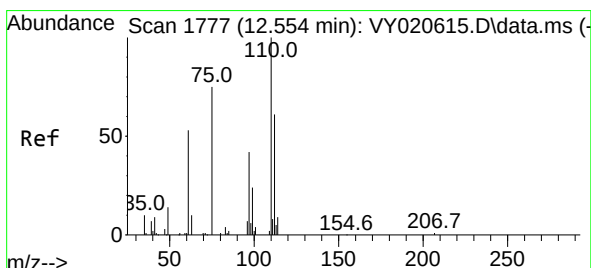
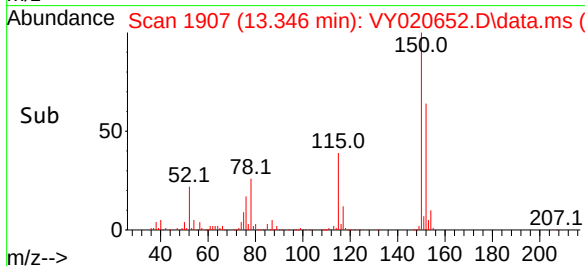
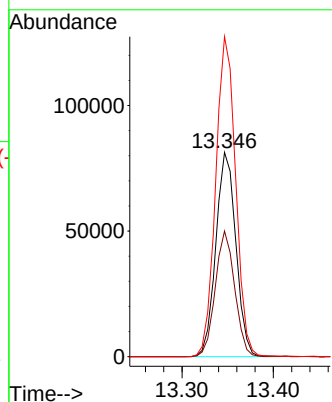
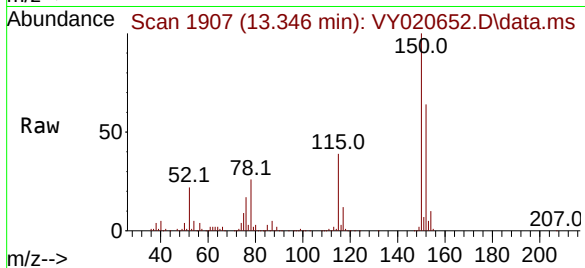
Tgt Ion:152 Resp: 124037

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 155.9 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 65.389 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020652.D

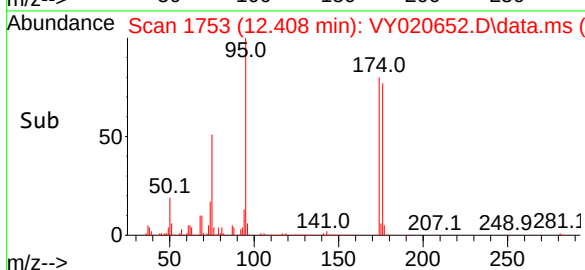
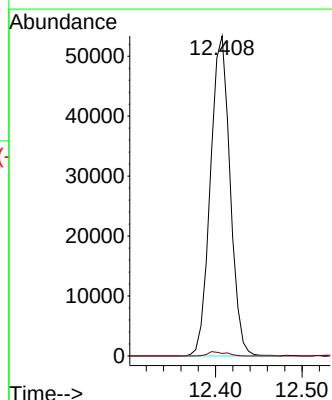
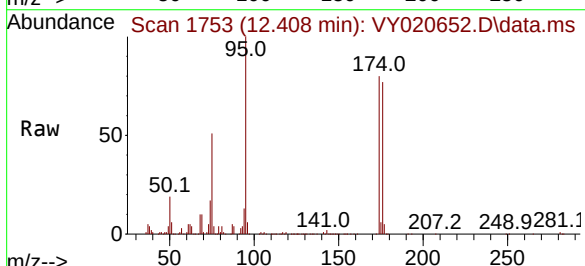
Acq: 19 Dec 2024 14:02

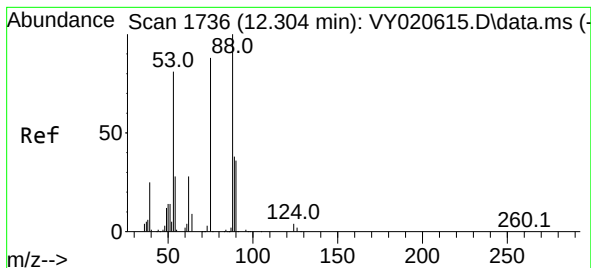
Tgt Ion: 75 Resp: 84254

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 137.254 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY020652.D

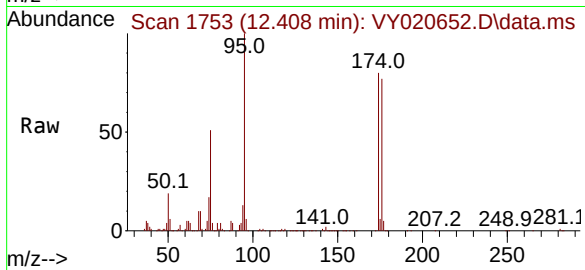
Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-07-121224



Tgt Ion: 75 Resp: 84254

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.2#

89 0.0 37.0 55.4#

