

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020653.D
 Acq On : 19 Dec 2024 14:26
 Operator : SY/MD
 Sample : P5306-03
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-08-121224

Quant Time: Dec 20 00:54:28 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)

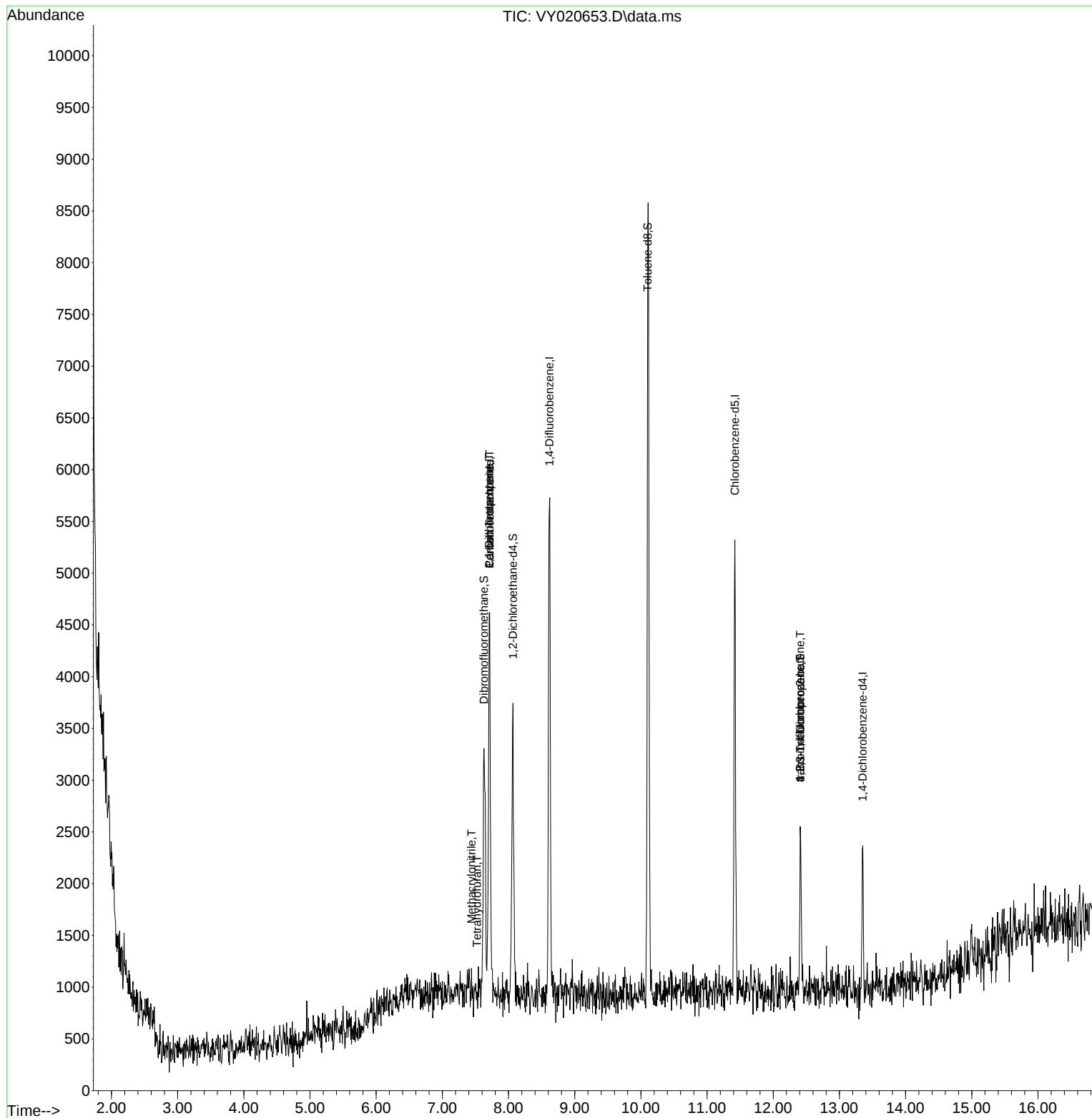
Internal Standards						
1) Pentafluorobenzene	7.713	168	3349	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	4785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2142	58.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.800%			
35) Dibromofluoromethane	7.628	113	1848	54.799	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.600%			
50) Toluene-d8	10.103	98	5682	48.137	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.280%			
62) 4-Bromofluorobenzene	12.408	95	586	12.691	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 25.380%#			
Target Compounds						
						Qvalue
29) Tetrahydrofuran	7.524	42	19	2.208	ug/l	# 34
36) 1,1-Dichloropropene	7.707	75	228	3.708	ug/l	# 42
38) Carbon Tetrachloride	7.713	117	273	4.013	ug/l	# 11
41) Methacrylonitrile	7.439	41	19	1.242	ug/l	# 19
76) 1,2,3-Trichloropropane	12.408	75	365	72.596	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	365	152.382	ug/l	# 12

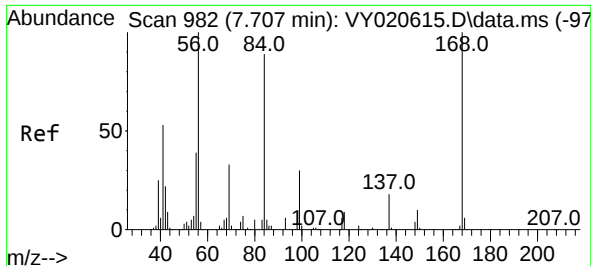
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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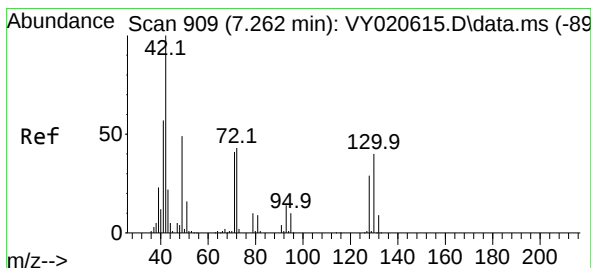
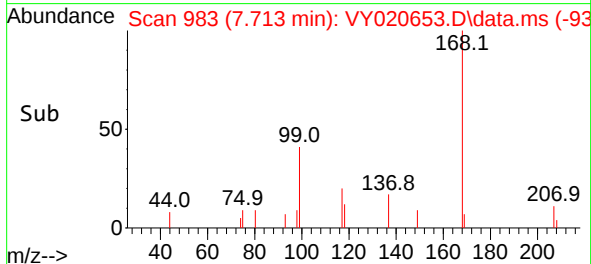
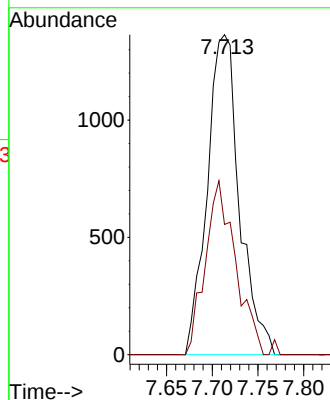
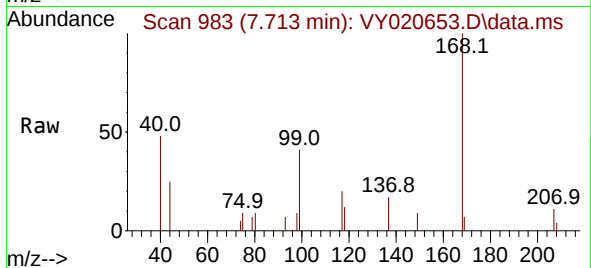




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

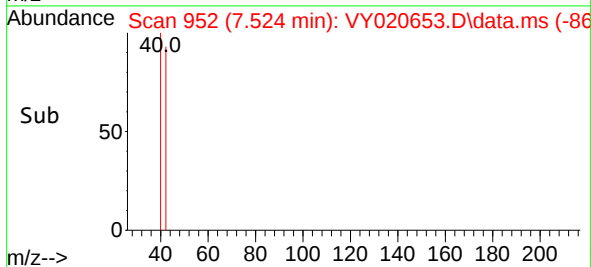
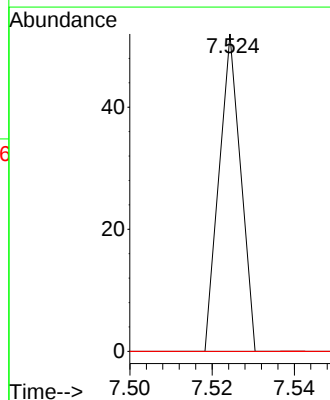
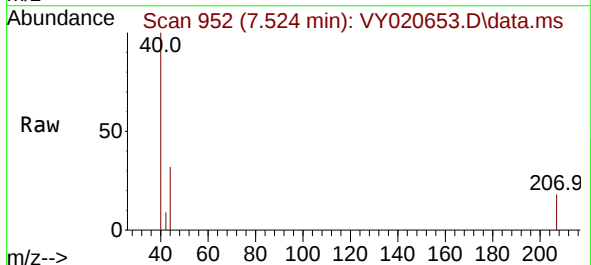
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-08-121224

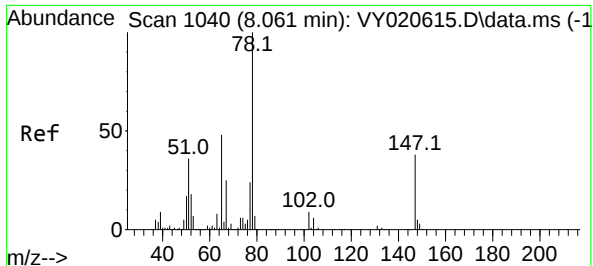
Tgt Ion:168 Resp: 3349
Ion Ratio Lower Upper
168 100
99 40.7 47.0 70.6#



#29
Tetrahydrofuran
Concen: 2.208 ug/l
RT: 7.524 min Scan# 952
Delta R.T. 0.262 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 0.0 31.6 47.4#





#33

1,2-Dichloroethane-d4

Concen: 58.399 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020653.D

Acq: 19 Dec 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

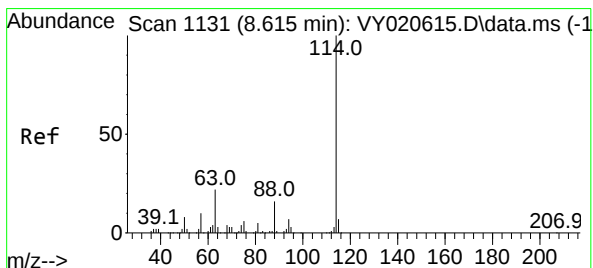
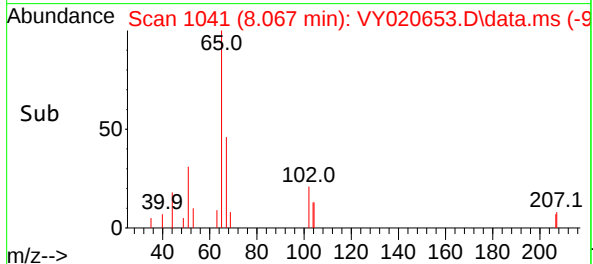
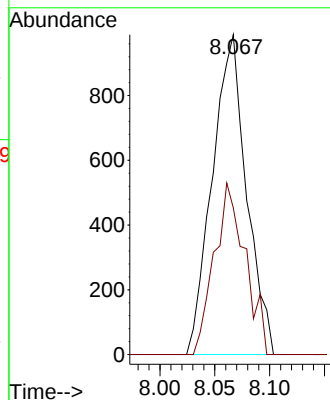
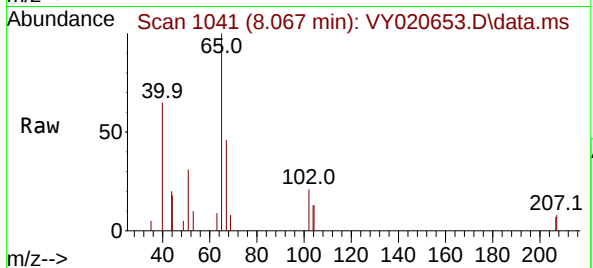
OU4-VSL-08-121224

Tgt Ion: 65 Resp: 2142

Ion Ratio Lower Upper

65 100

67 48.4 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: VY020653.D

Acq: 19 Dec 2024 14:26

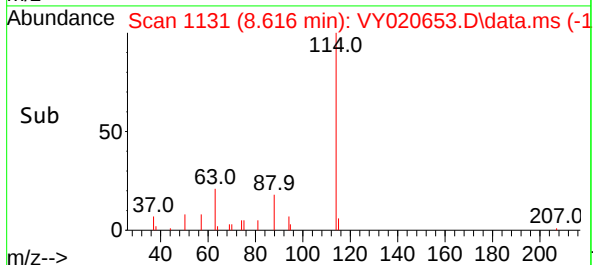
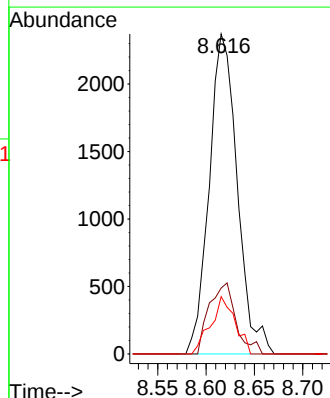
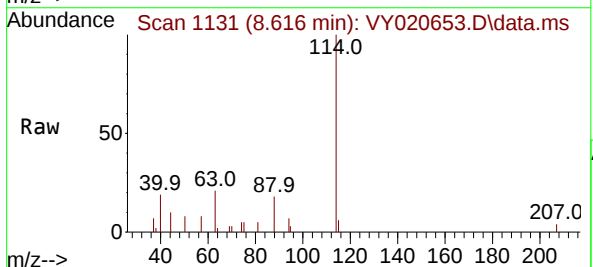
Tgt Ion: 114 Resp: 4785

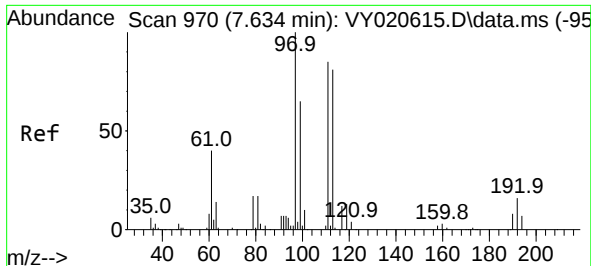
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.0

88 17.9 0.0 32.8

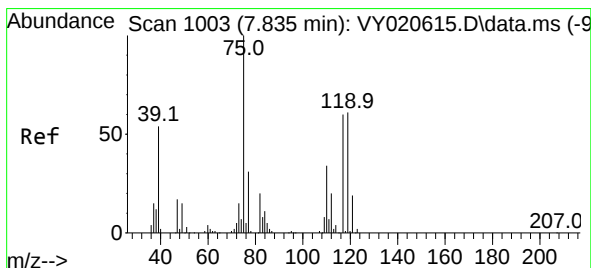
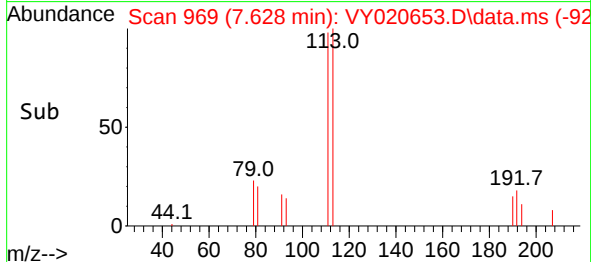
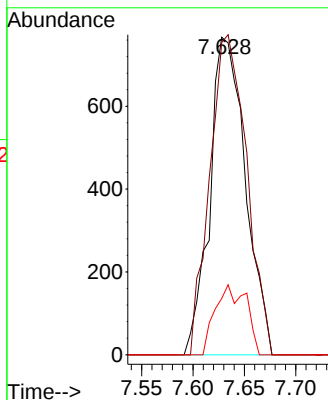
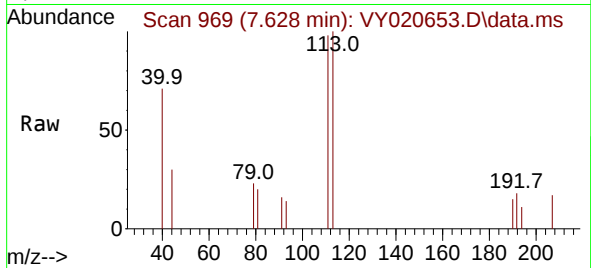




#35
Dibromofluoromethane
Concen: 54.799 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

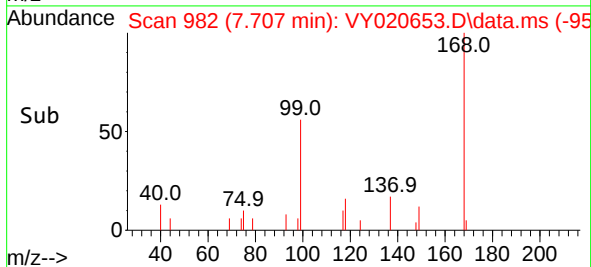
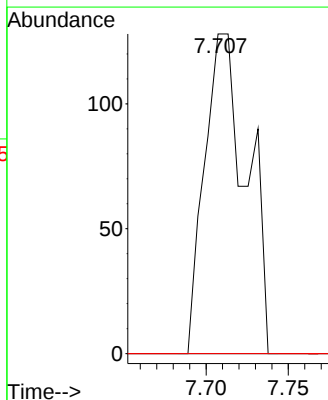
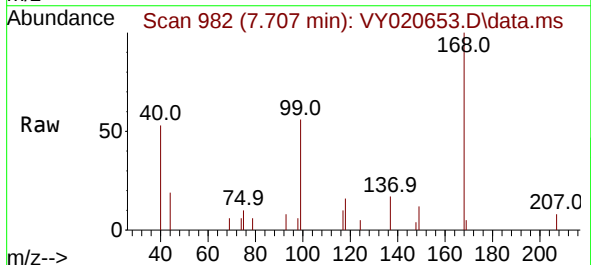
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-08-121224

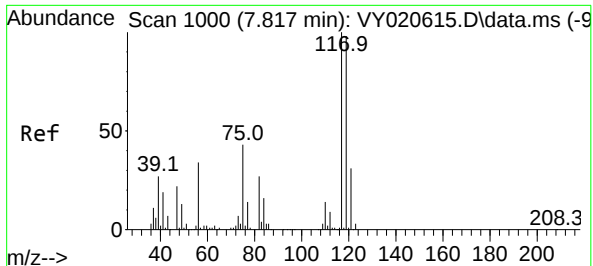
Tgt Ion:	113	Resp:	1848
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	19.2	15.7	23.5



#36
1,1-Dichloropropene
Concen: 3.708 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

Tgt Ion:	75	Resp:	228
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.8	50.4#
77	0.0	25.0	37.6#

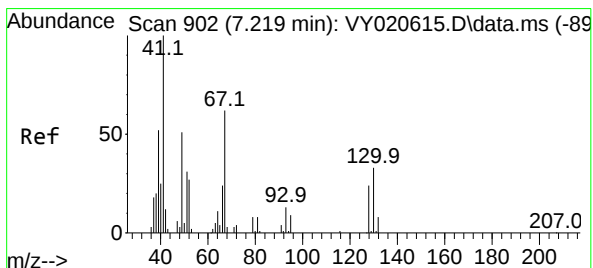
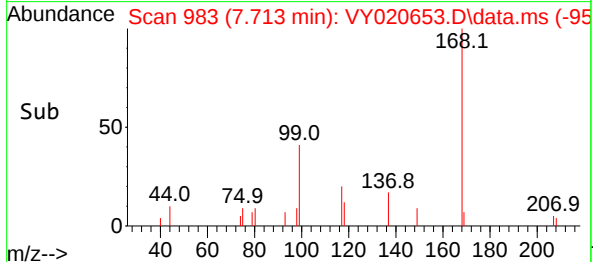
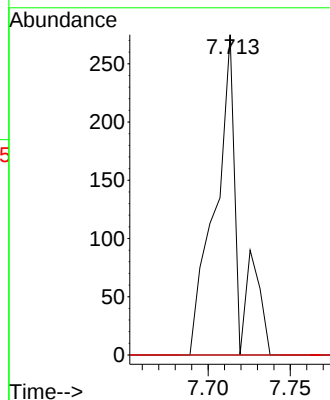
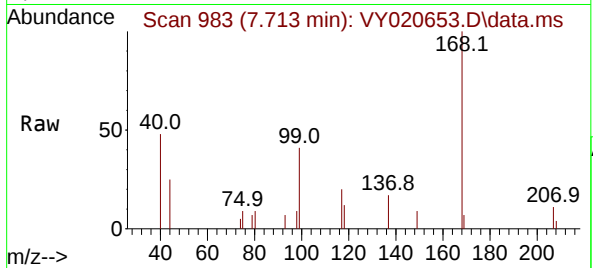




#38
Carbon Tetrachloride
Concen: 4.013 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.103 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

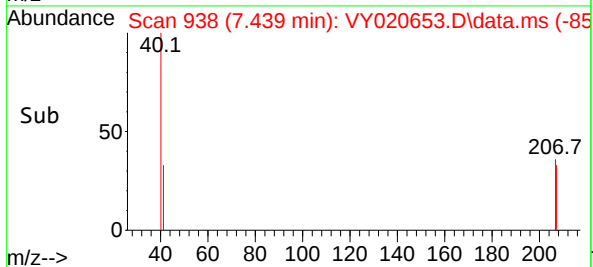
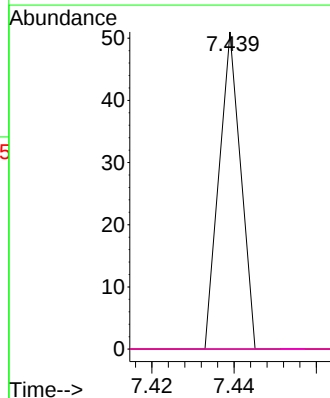
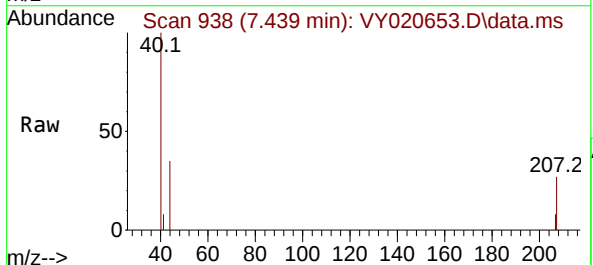
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-08-121224

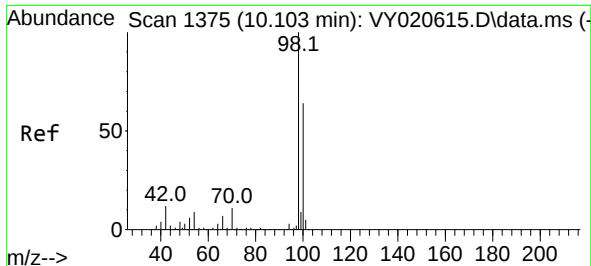
Tgt Ion:117 Resp: 273
Ion Ratio Lower Upper
117 100
119 0.0 78.3 117.5#
121 0.0 25.1 37.7#



#41
Methacrylonitrile
Concen: 1.242 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.220 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 62.0 93.0#
52 0.0 25.9 38.9#

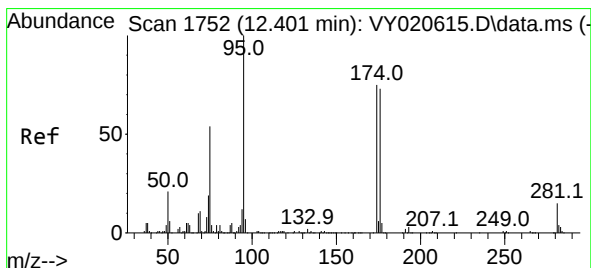
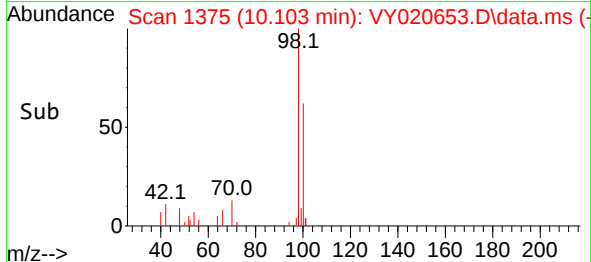
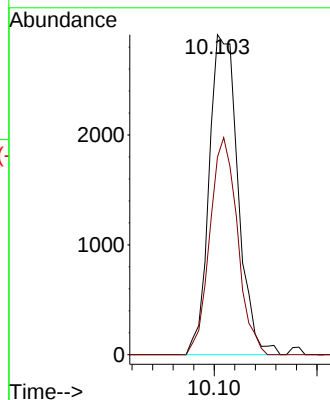
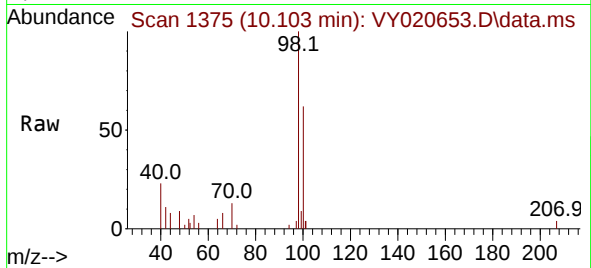




#50
Toluene-d8
Concen: 48.137 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

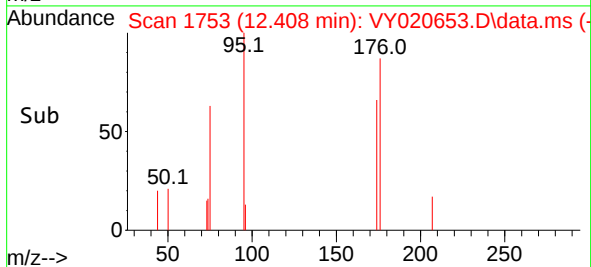
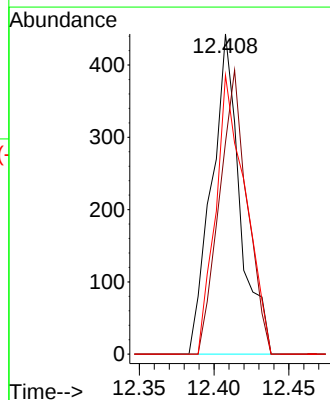
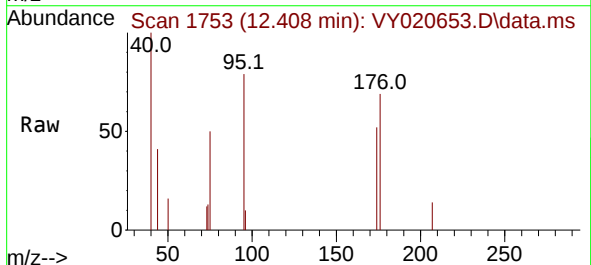
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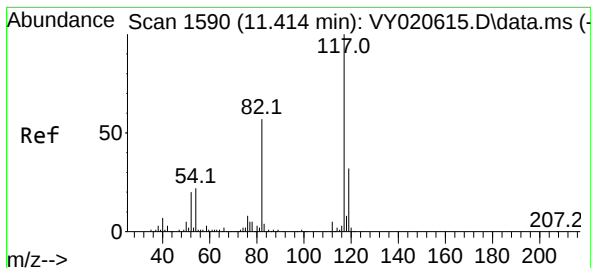
Tgt Ion: 98 Resp: 5682
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 12.691 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

Tgt Ion: 95 Resp: 586
Ion Ratio Lower Upper
95 100
174 86.9 0.0 161.8
176 91.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020653.D

Acq: 19 Dec 2024 14:26

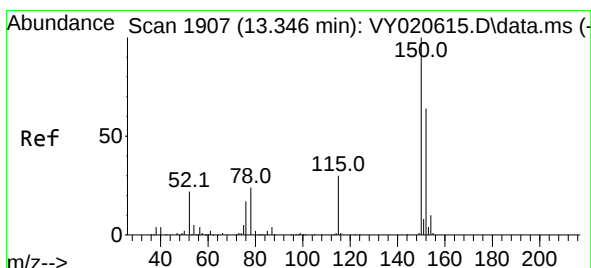
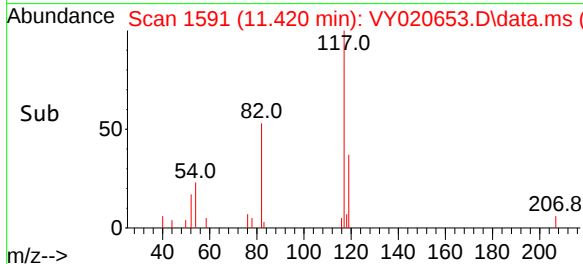
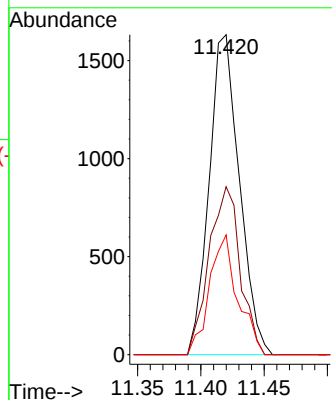
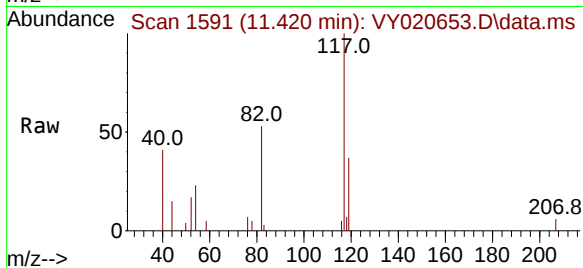
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-08-121224

Tgt Ion:117	Resp:	2718
Ion	Ratio	Lower Upper
117	100	
82	52.5	45.8 68.6
119	37.4	25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

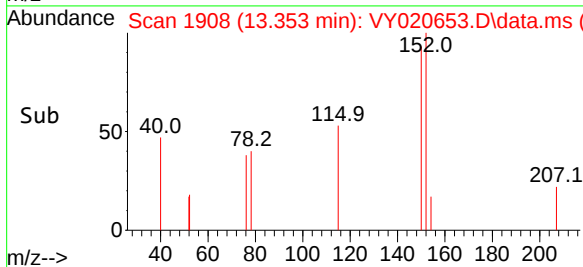
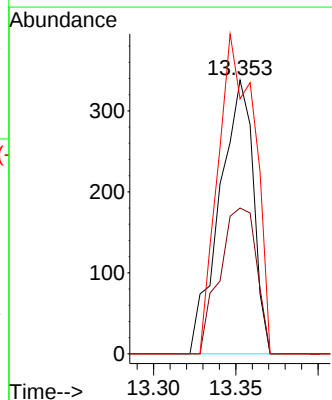
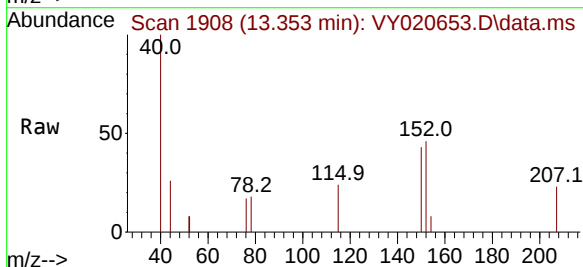
RT: 13.353 min Scan# 1908

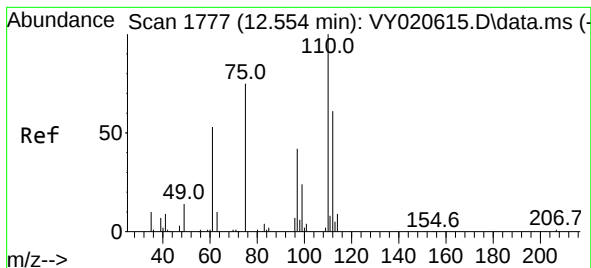
Delta R.T. 0.006 min

Lab File: VY020653.D

Acq: 19 Dec 2024 14:26

Tgt Ion:152	Resp:	484
Ion	Ratio	Lower Upper
152	100	
115	58.3	30.2 90.6
150	125.2	0.0 355.4

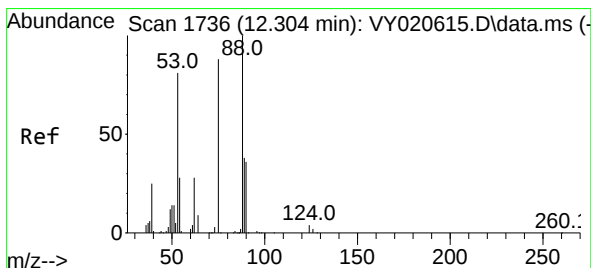
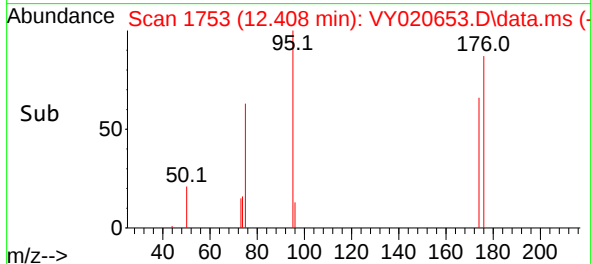
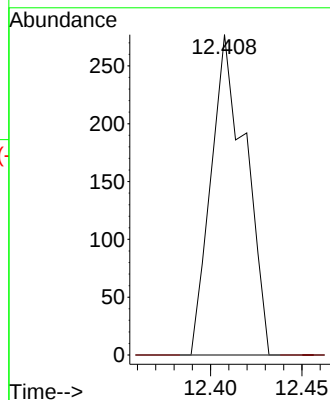
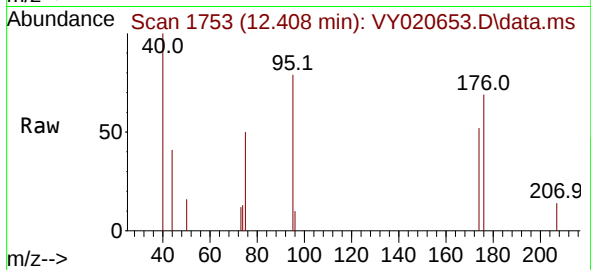




#76
1,2,3-Trichloropropane
Concen: 72.596 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-08-121224

Tgt Ion: 75 Resp: 365
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 152.382 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

Tgt Ion: 75 Resp: 365
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#

