

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020143.D
 Acq On : 04 Nov 2024 15:23
 Operator : SY/MD
 Sample : P4675-03
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:33:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

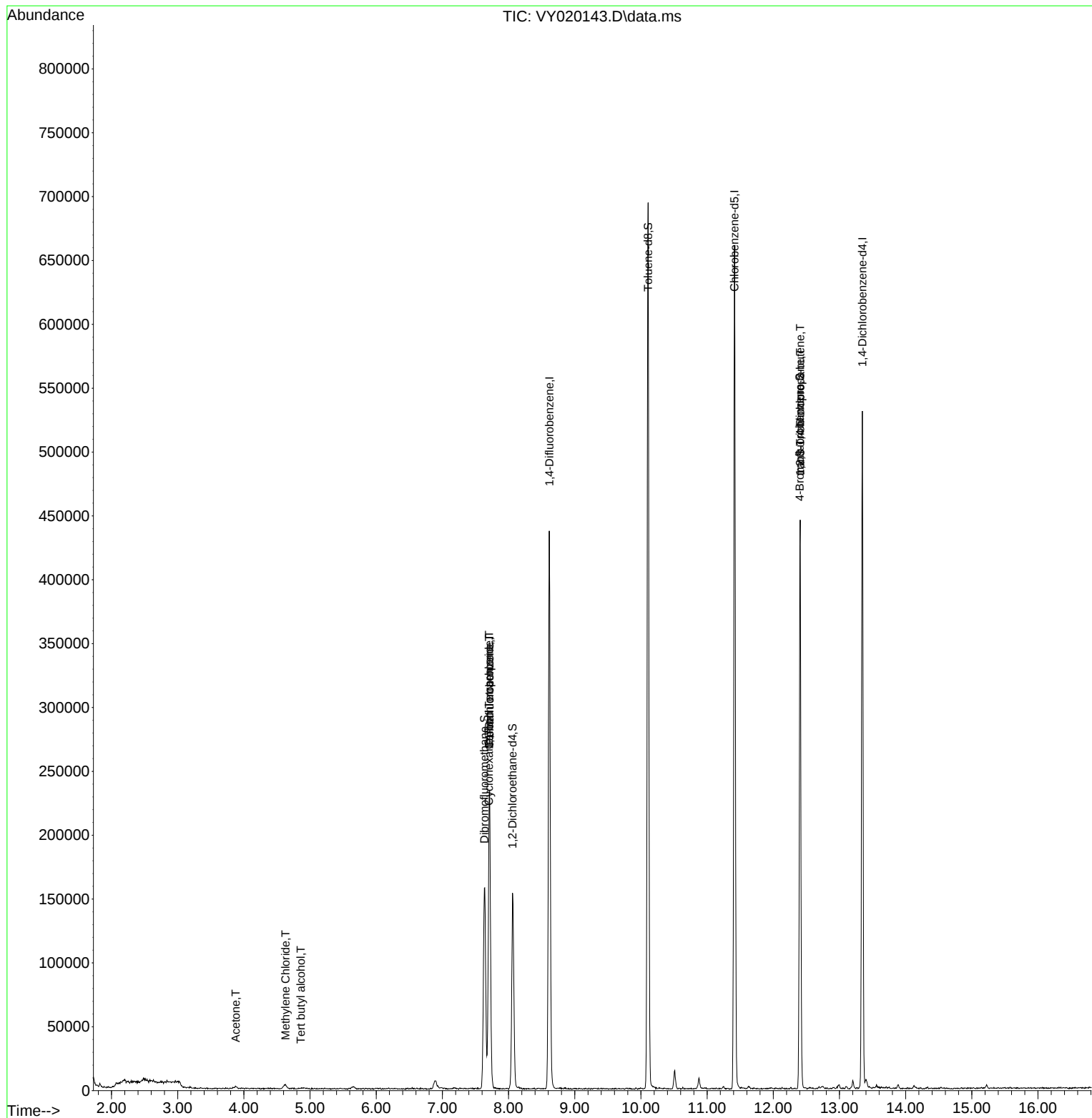
Internal Standards						
1) Pentafluorobenzene	7.713	168	160931	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	337460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	316034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113975	56.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.500%	
35) Dibromofluoromethane	7.634	113	112284	52.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.660%	
50) Toluene-d8	10.109	98	427041	50.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.401	95	129814	46.797	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	224	1.550	ug/l	# 88
16) Acetone	3.878	43	2537	5.431	ug/l	# 82
20) Methylene Chloride	4.628	84	2312	1.102	ug/l	# 89
31) Cyclohexane	7.701	56	4813	1.320	ug/l	# 59
36) 1,1-Dichloropropene	7.707	75	16431	4.957	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	17993	5.399	ug/l	# 16
76) 1,2,3-Trichloropropane	12.407	75	74845	69.204	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	74845	148.856	ug/l	# 16

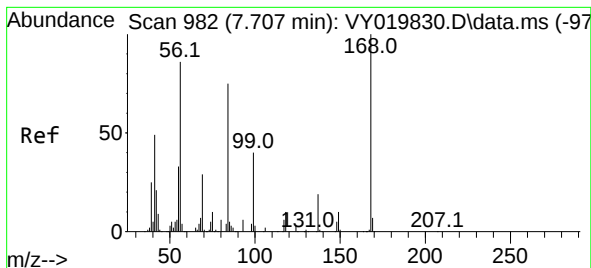
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020143.D

Acq: 04 Nov 2024 15:23

Instrument :

MSVOA_Y

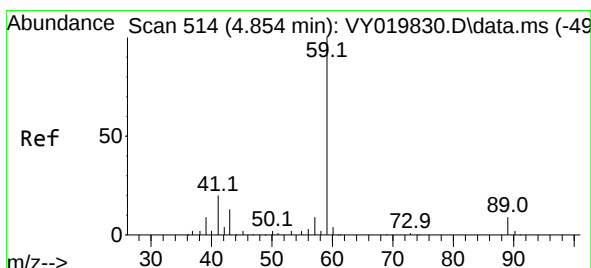
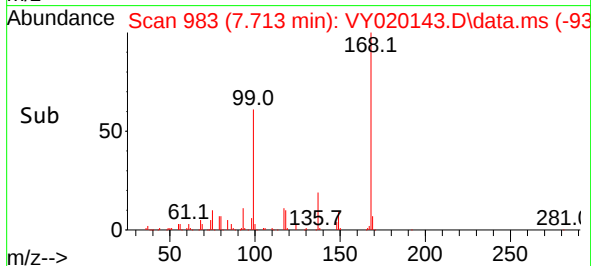
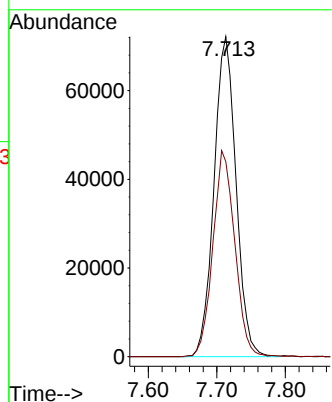
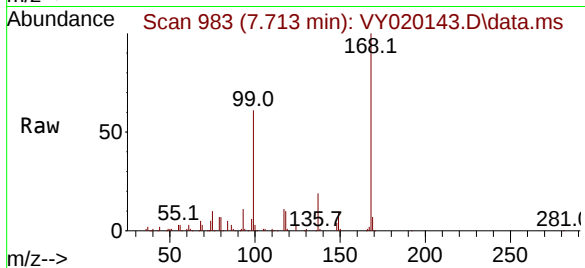
ClientSampleId :

Tgt Ion:168 Resp: 160931

Ion Ratio Lower Upper

168 100

99 60.9 39.1 58.7#



#11

Tert butyl alcohol

Concen: 1.550 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY020143.D

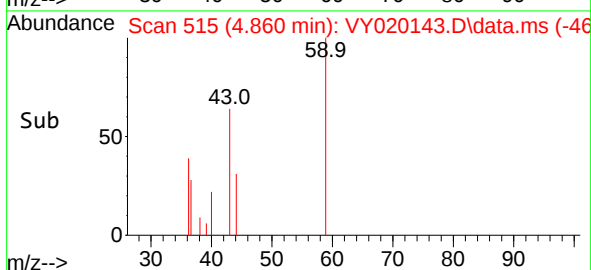
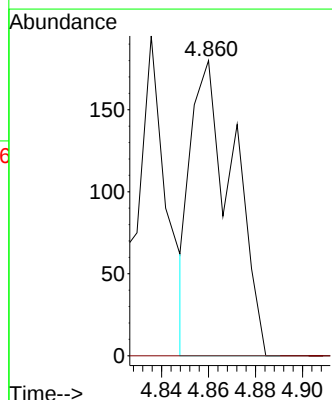
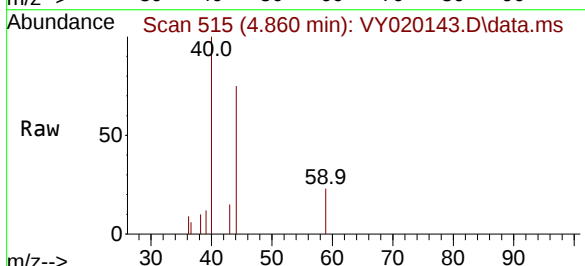
Acq: 04 Nov 2024 15:23

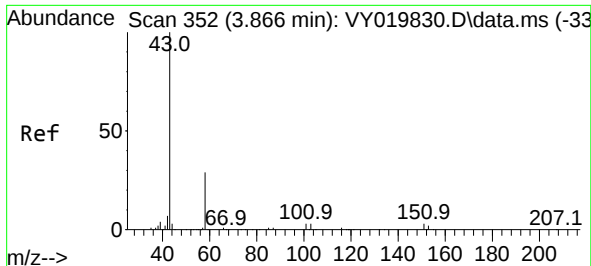
Tgt Ion: 59 Resp: 224

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#

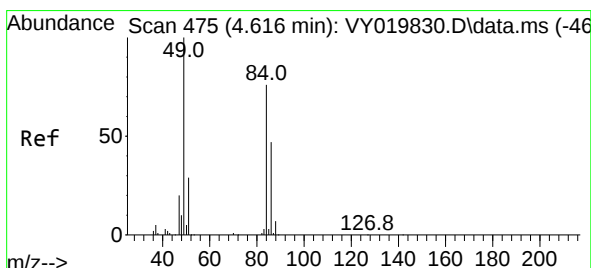
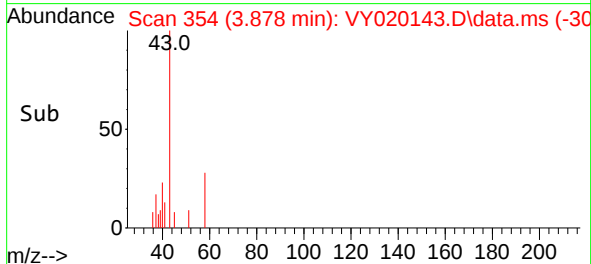
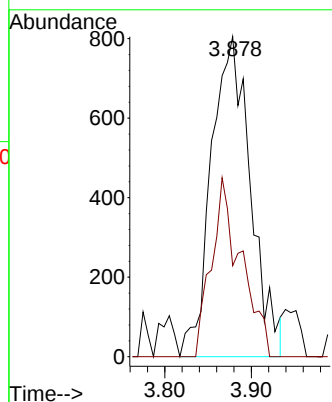
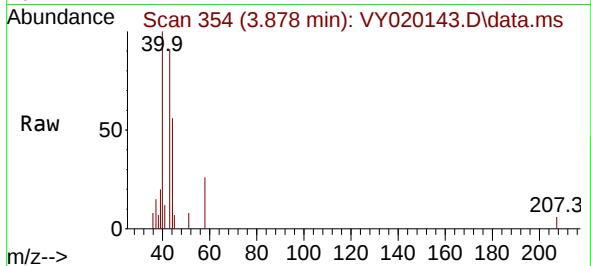




#16
Acetone
Concen: 5.431 ug/l
RT: 3.878 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

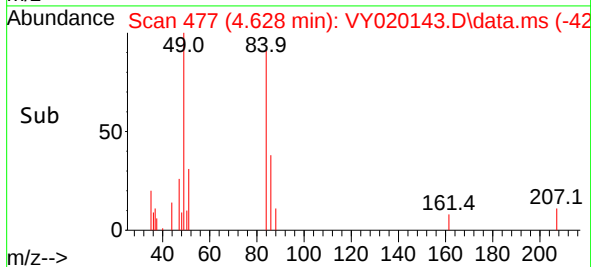
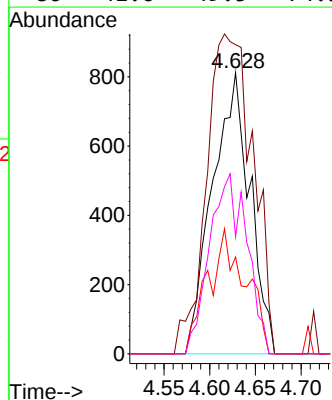
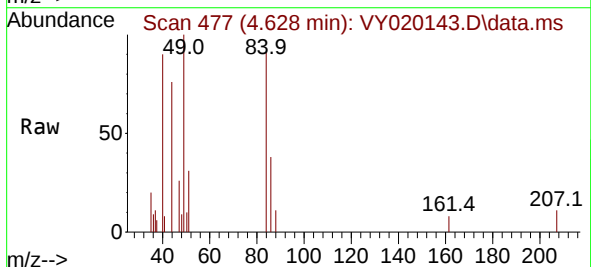
Instrument :
MSVOA_Y
ClientSampleId :

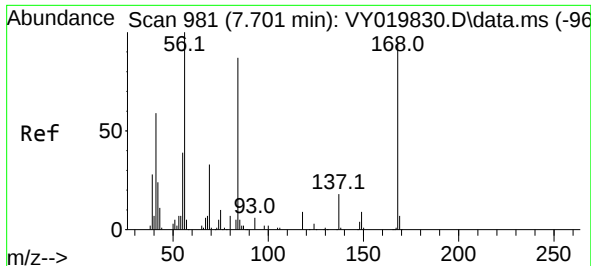
Tgt Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#



#20
Methylene Chloride
Concen: 1.102 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

Tgt Ion: 84 Resp: 2312
Ion Ratio Lower Upper
84 100
49 110.0 84.4 126.6
51 34.5 26.0 39.0
86 41.6 49.5 74.3#

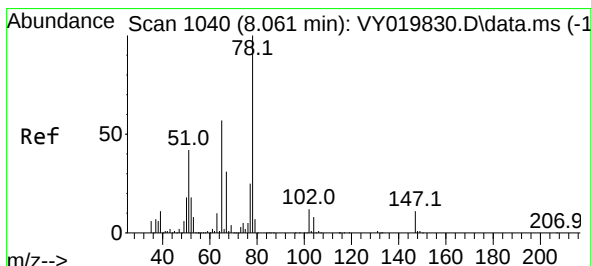
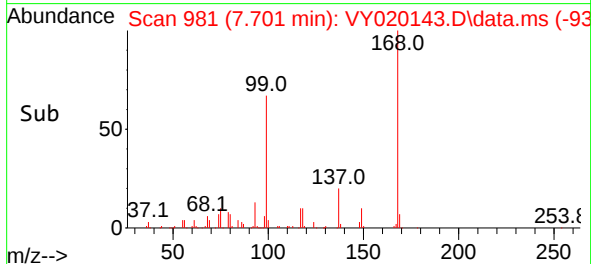
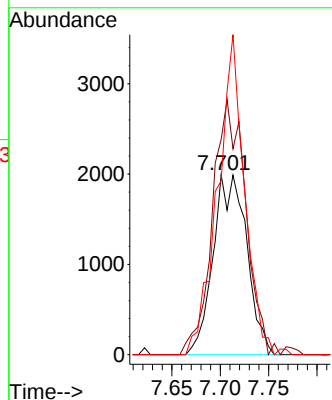
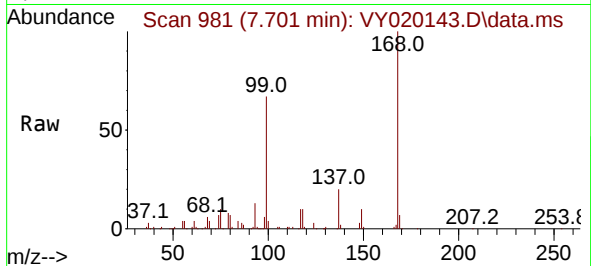




#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

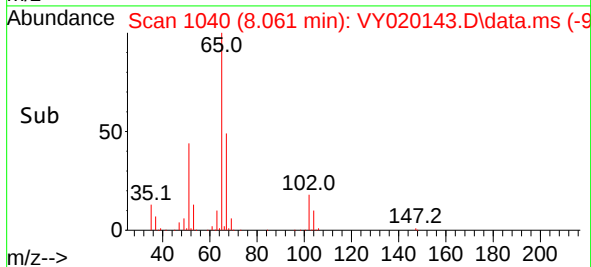
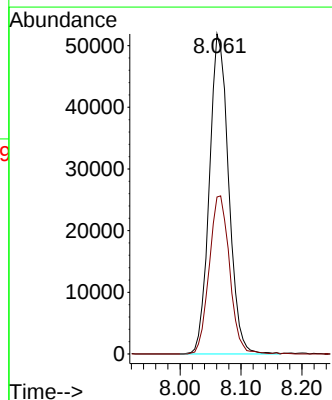
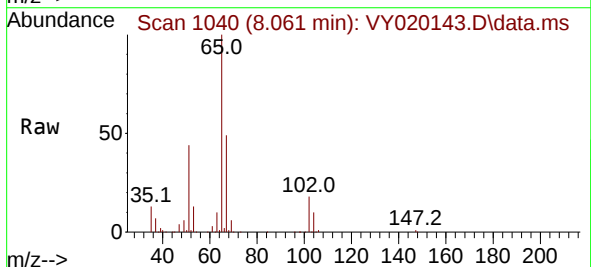
Instrument :
MSVOA_Y
ClientSampleId :

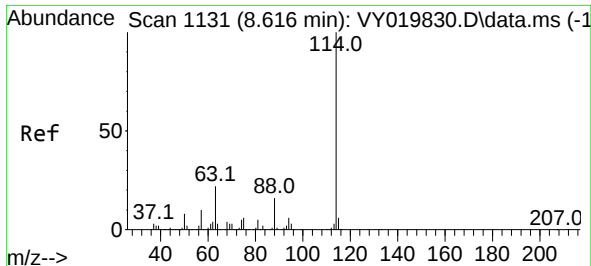
Tgt Ion: 56 Resp: 4813
Ion Ratio Lower Upper
56 100
69 119.6 28.7 43.1#
84 94.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.746 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

Tgt Ion: 65 Resp: 113975
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

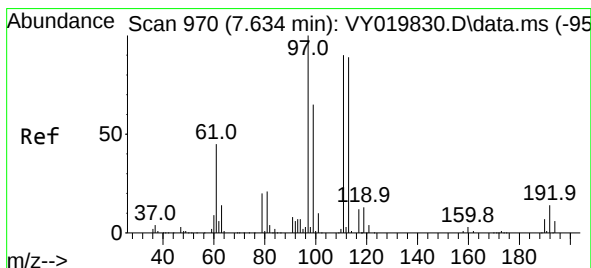
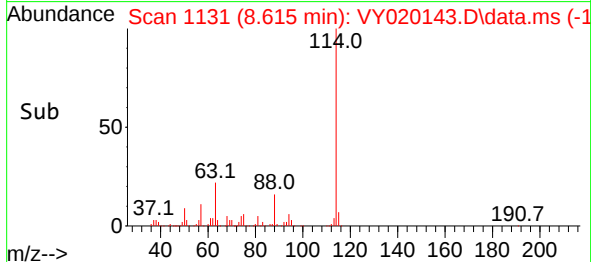
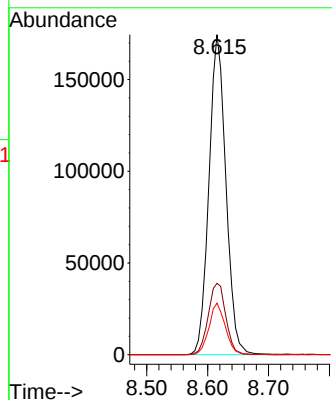
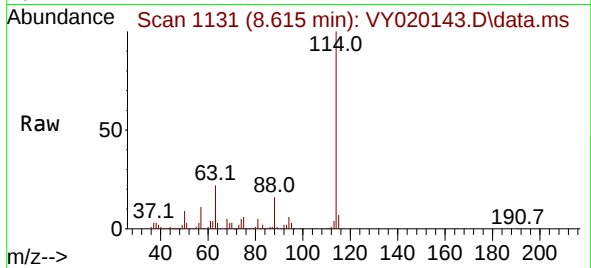




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

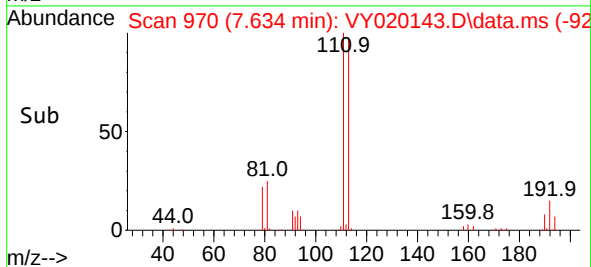
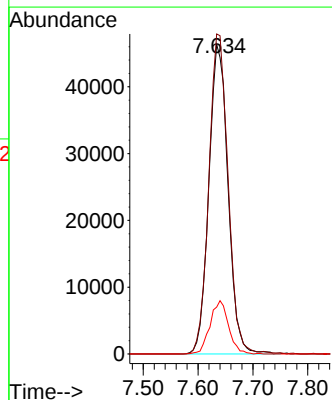
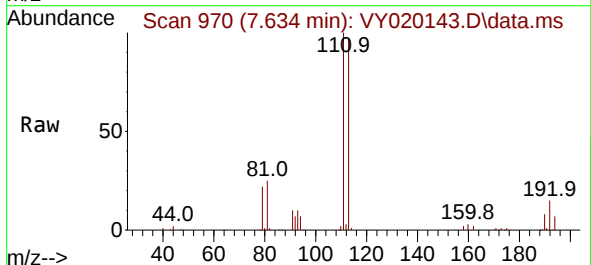
Instrument :
MSVOA_Y
ClientSampleId :

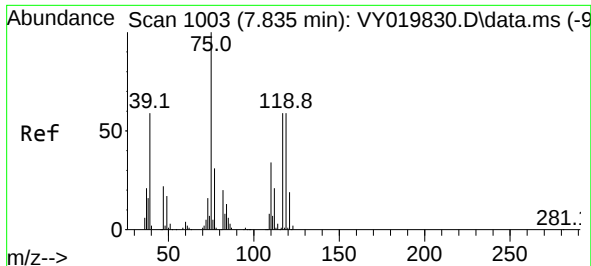
Tgt Ion:114 Resp: 337460
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.333 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

Tgt Ion:113 Resp: 112284
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 16.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.957 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

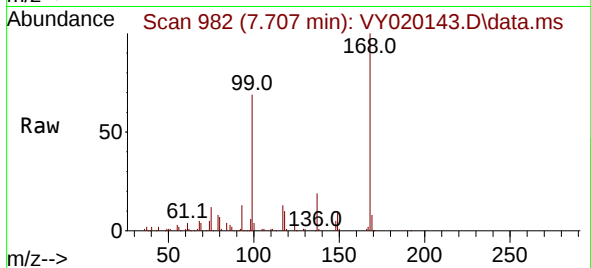
Lab File: VY020143.D

Acq: 04 Nov 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :



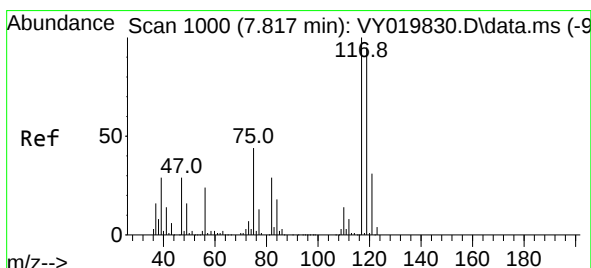
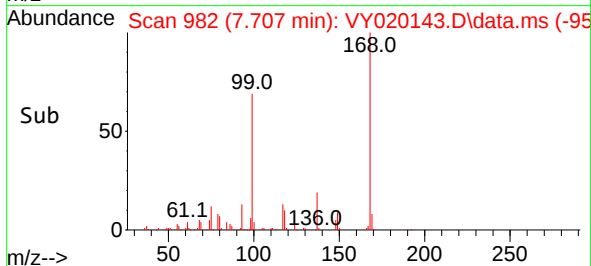
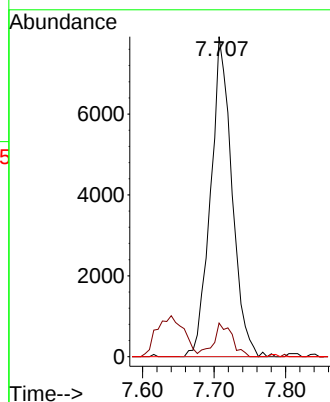
Tgt Ion: 75 Resp: 16431

Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.399 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY020143.D

Acq: 04 Nov 2024 15:23

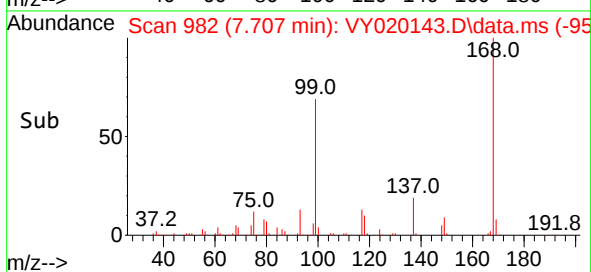
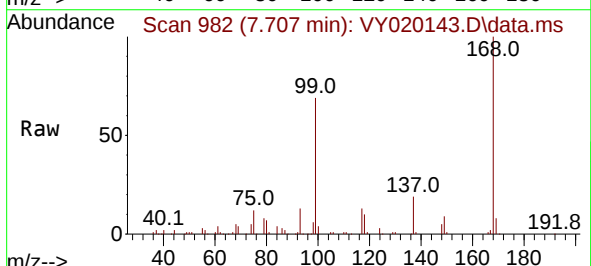
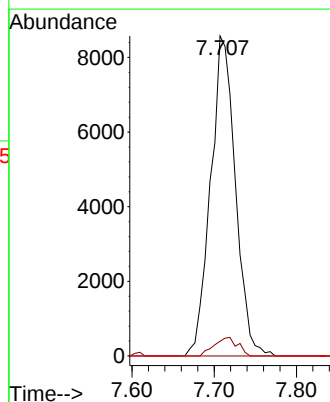
Tgt Ion: 117 Resp: 17993

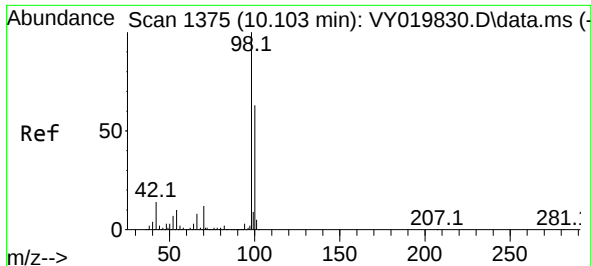
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#

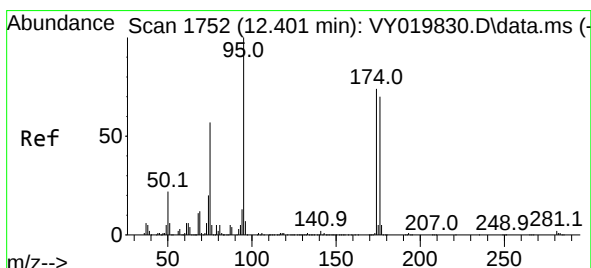
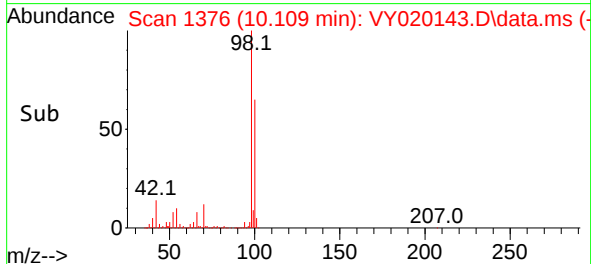
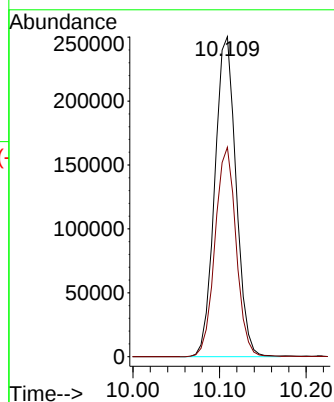
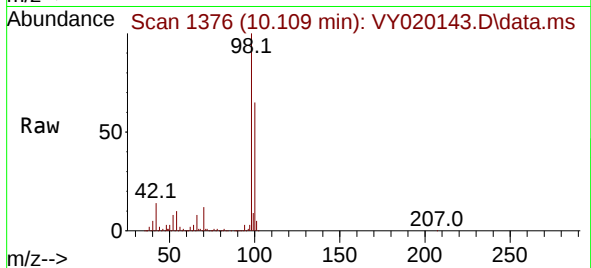




#50
Toluene-d8
Concen: 50.003 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

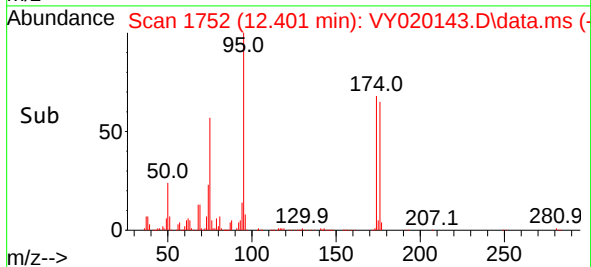
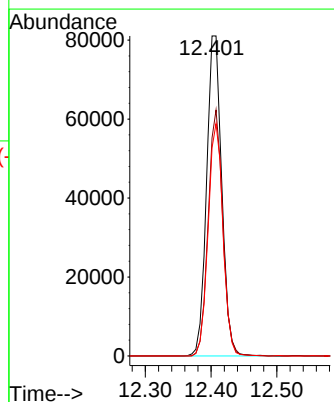
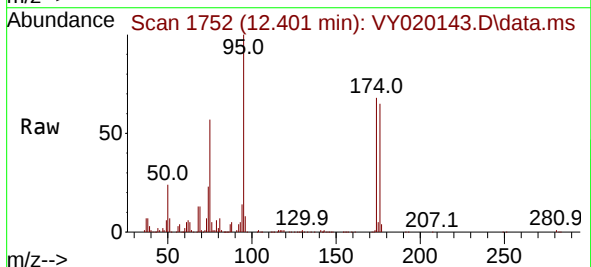
Instrument :
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ClientSampleId :

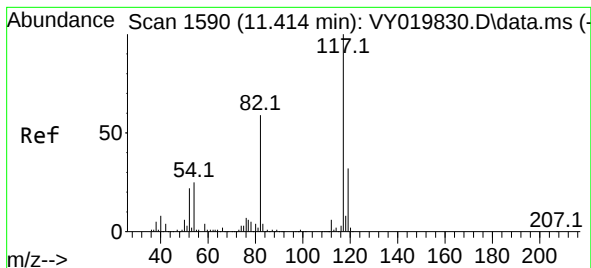
Tgt Ion: 98 Resp: 427041
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.797 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

Tgt Ion: 95 Resp: 129814
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 71.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020143.D

Acq: 04 Nov 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

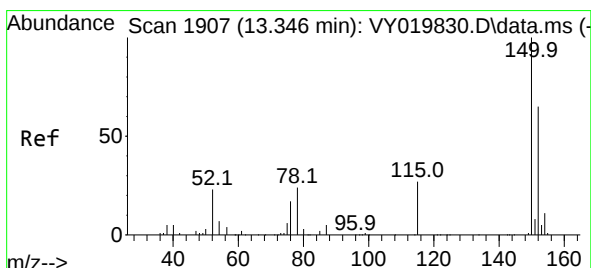
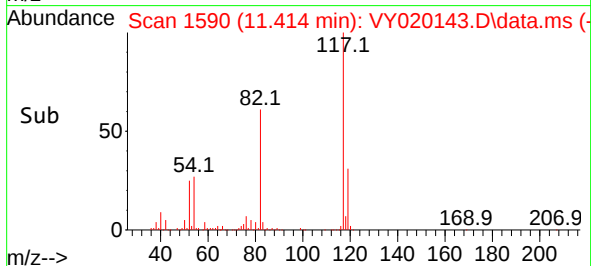
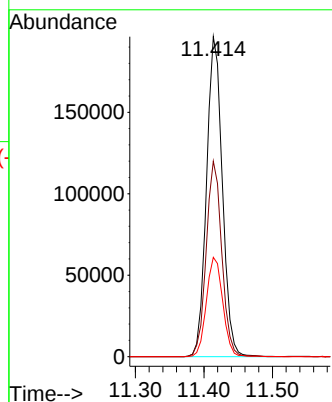
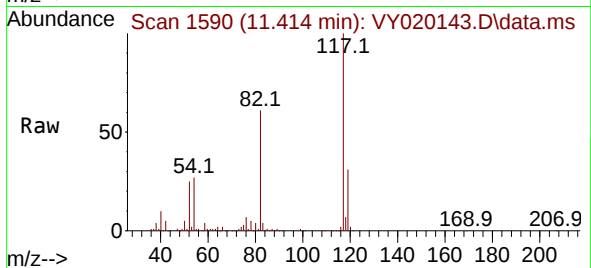
Tgt Ion:117 Resp: 316034

Ion Ratio Lower Upper

117 100

82 61.1 42.4 63.6

119 31.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020143.D

Acq: 04 Nov 2024 15:23

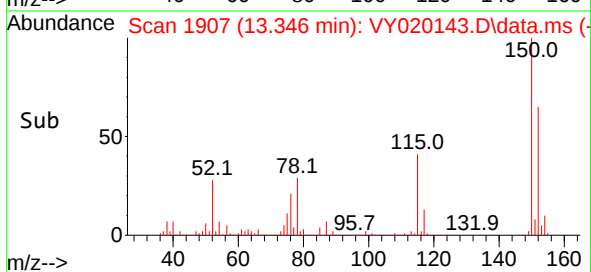
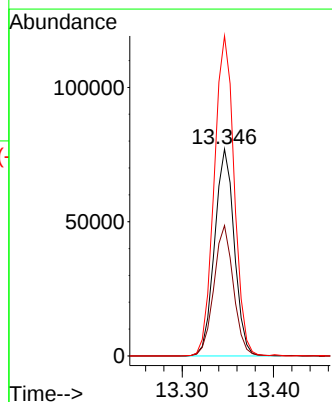
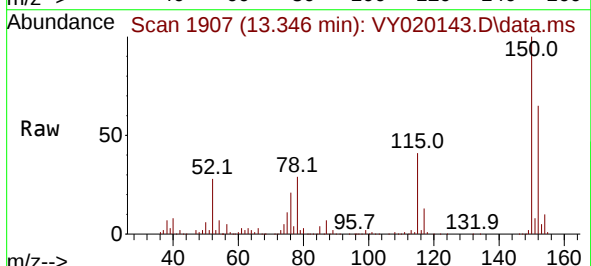
Tgt Ion:152 Resp: 115374

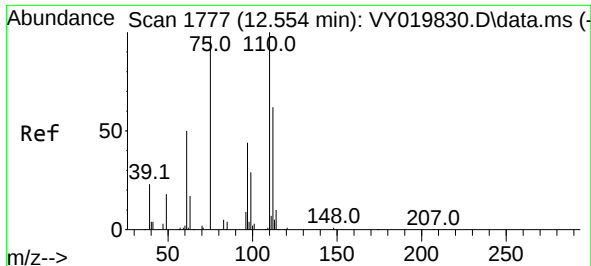
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 157.1 0.0 345.6

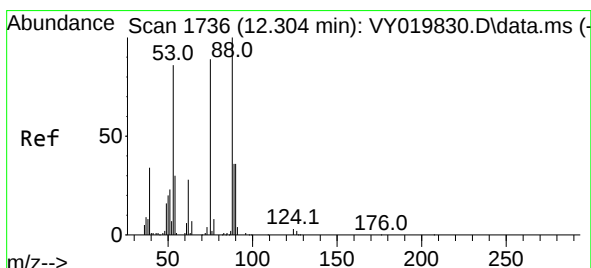
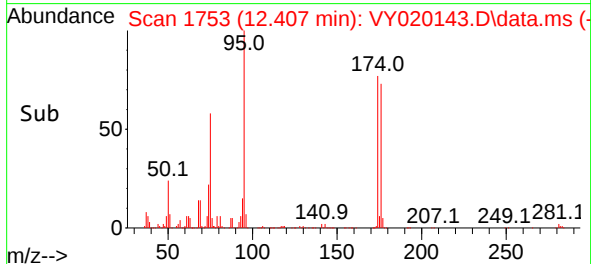
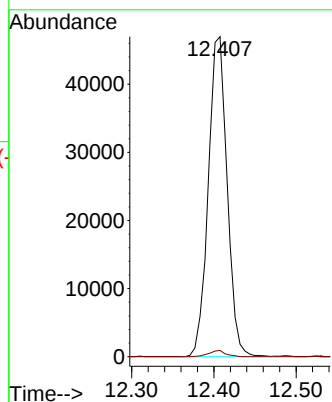
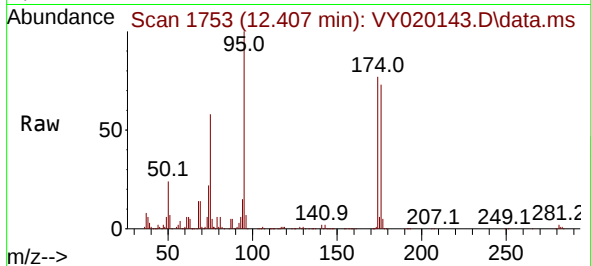




#76
1,2,3-Trichloropropane
Concen: 69.204 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74845
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.856 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020143.D
Acq: 04 Nov 2024 15:23

Tgt Ion: 75 Resp: 74845
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

