

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020465.D
 Acq On : 27 Nov 2024 17:24
 Operator : SY/MD
 Sample : P5026-08
 Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 01:02:30 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)

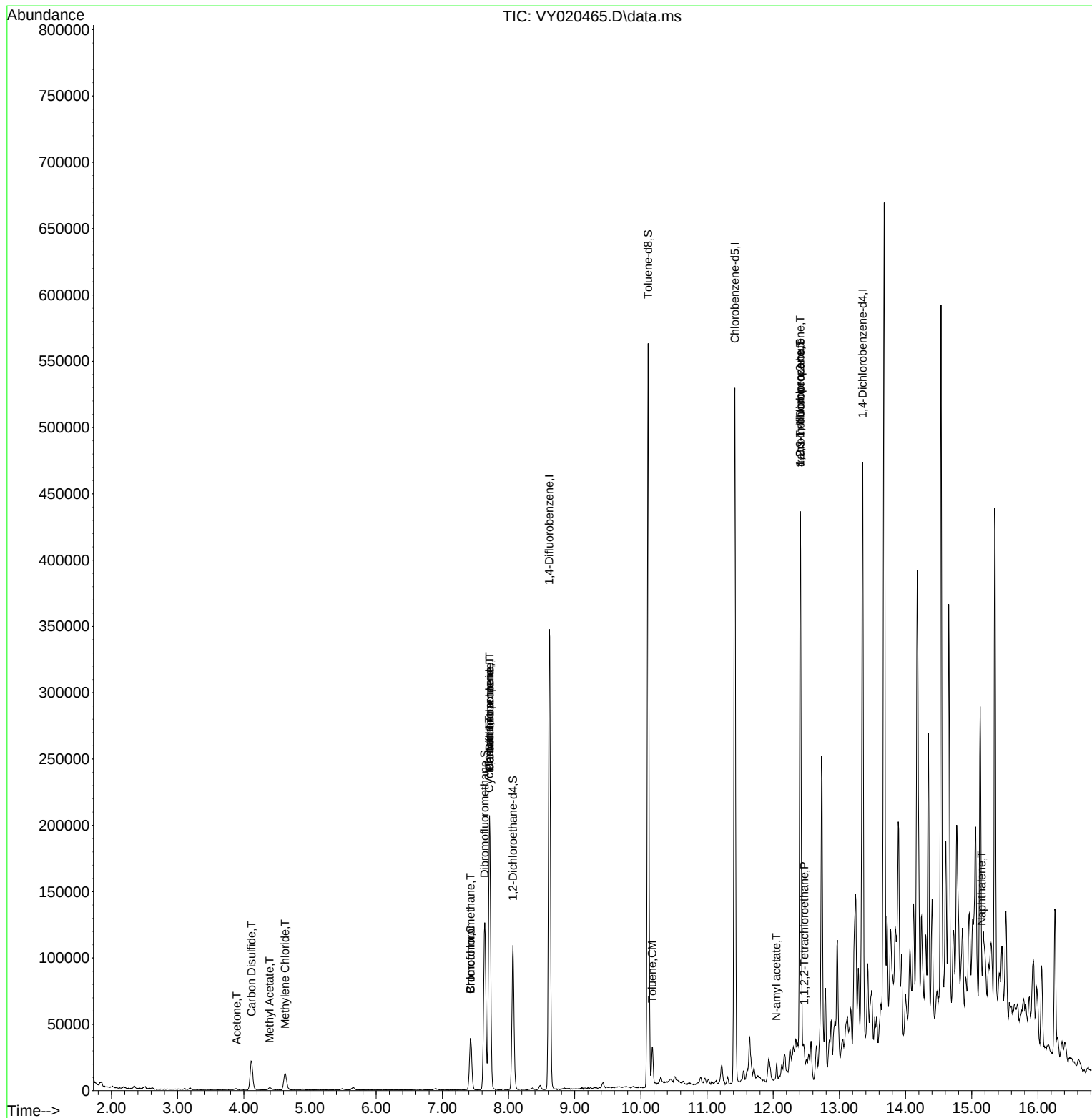
Internal Standards						
1) Pentafluorobenzene	7.713	168	152954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	294906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	274867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	102498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86127	49.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.020%
35) Dibromofluoromethane	7.640	113	89264	47.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.400%
50) Toluene-d8	10.109	98	357906	48.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.408	95	116464	48.635	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	228	Below Cal	#	41
16) Acetone	3.891	43	1859	4.413	ug/l	90
17) Carbon Disulfide	4.116	76	45127	8.028	ug/l	100
18) Methyl Acetate	4.391	43	3405	3.467	ug/l	98
20) Methylene Chloride	4.622	84	9353	5.243	ug/l	91
28) Bromochloromethane	7.427	49	3035	2.009	ug/l	# 18
30) Chloroform	7.427	83	39735	11.463	ug/l	99
31) Cyclohexane	7.707	56	3501	1.069	ug/l	# 1
36) 1,1-Dichloropropene	7.713	75	12946	4.482	ug/l	# 52
38) Carbon Tetrachloride	7.713	117	16876	5.596	ug/l	# 15
52) Toluene	10.170	92	11808	2.282	ug/l	97
74) N-amyl acetate	12.048	43	2550	1.215	ug/l	# 66
75) 1,1,2,2-Tetrachloroethane	12.469	83	2052	1.462	ug/l	# 25
76) 1,2,3-Trichloropropane	12.408	75	63806	66.047	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	63806	129.415	ug/l	# 10
95) Naphthalene	15.151	128	11390	3.569	ug/l	# 81

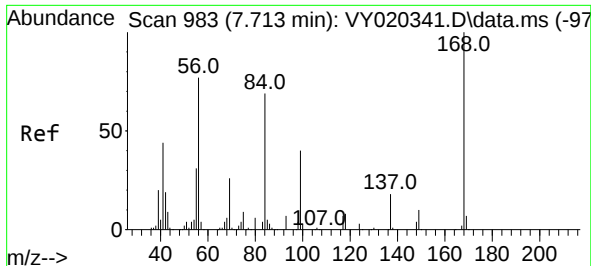
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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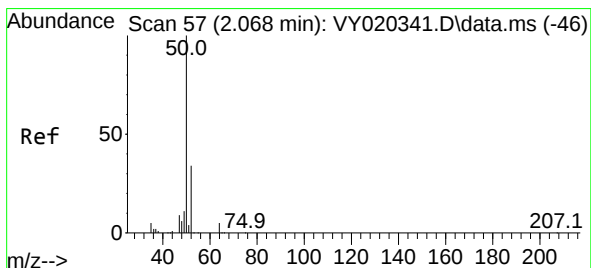
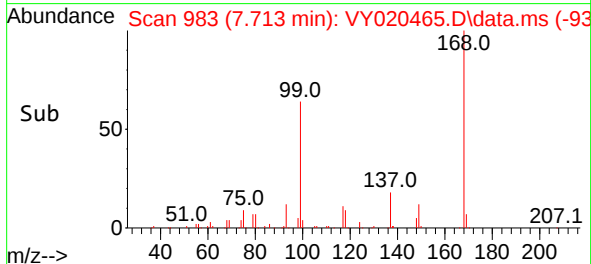
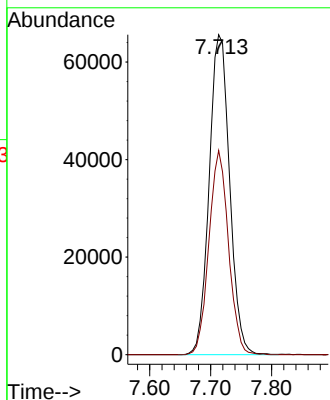
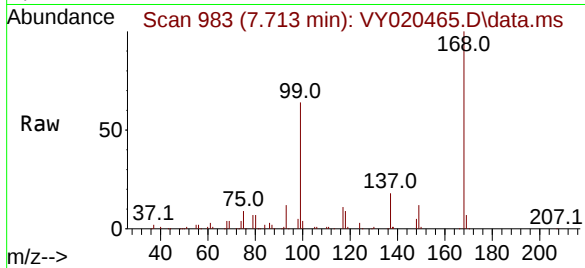




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

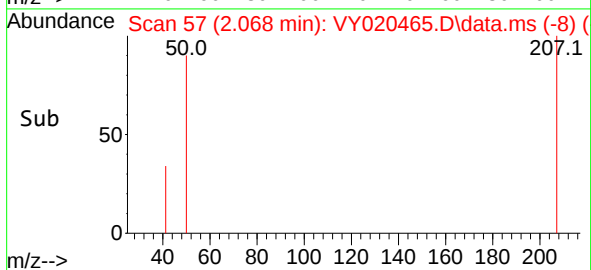
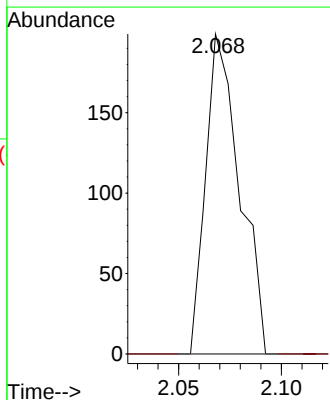
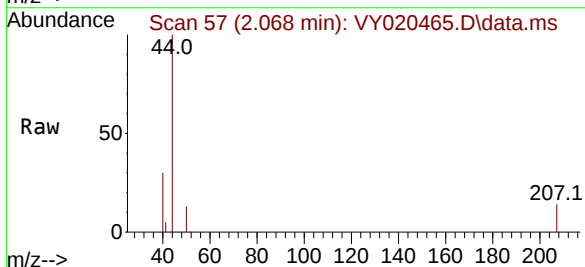
Instrument :
MSVOA_Y
ClientSampleId :

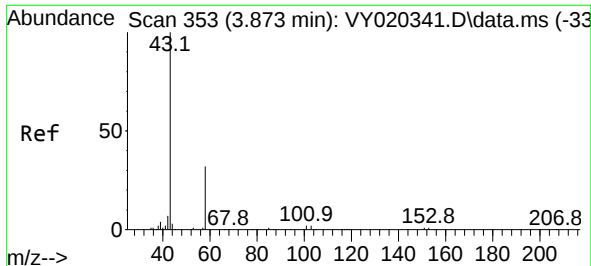
Tgt Ion:168 Resp: 152954
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

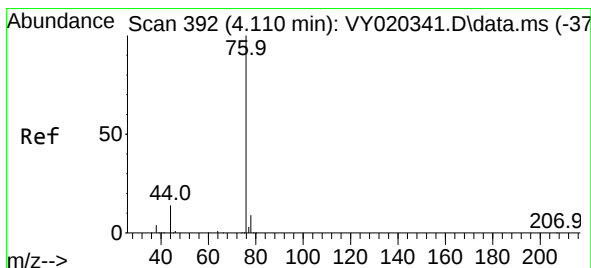
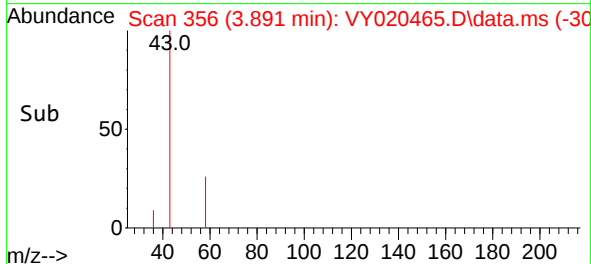
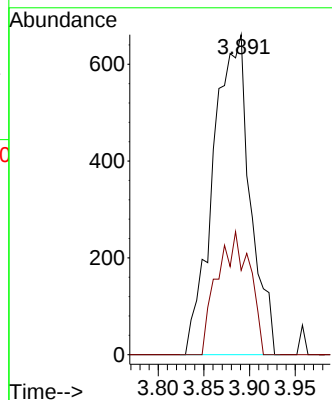
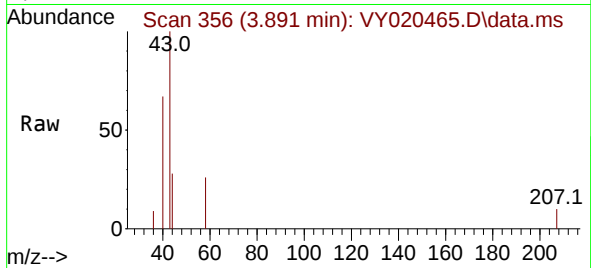




#16
Acetone
Concen: 4.413 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

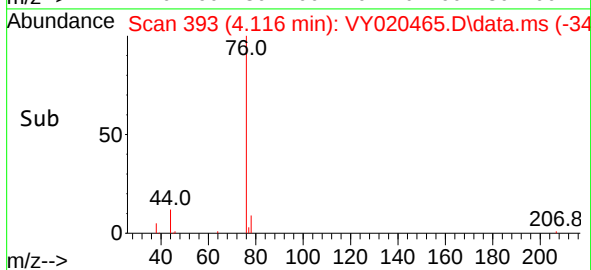
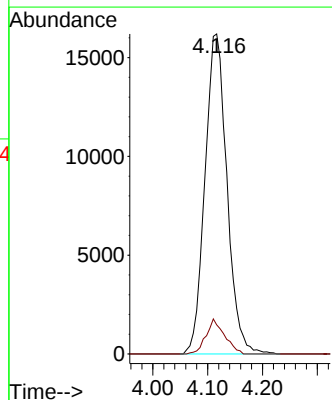
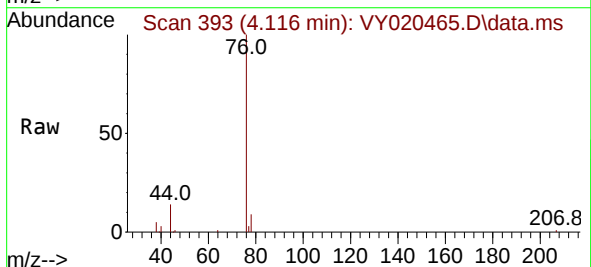
Instrument :
MSVOA_Y
ClientSampleId :

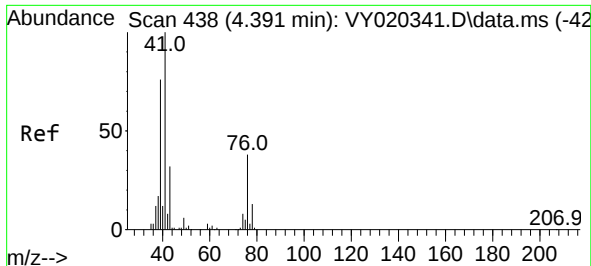
Tgt Ion: 43 Resp: 1859
Ion Ratio Lower Upper
43 100
58 26.3 25.7 38.5



#17
Carbon Disulfide
Concen: 8.028 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

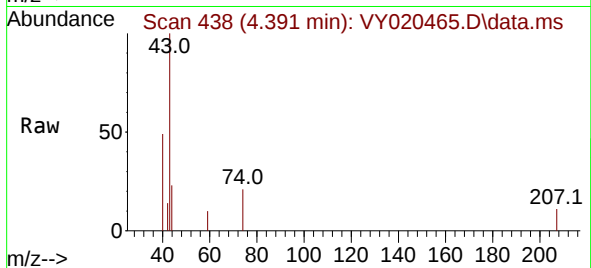
Tgt Ion: 76 Resp: 45127
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



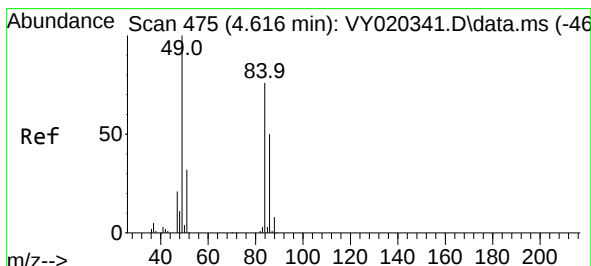
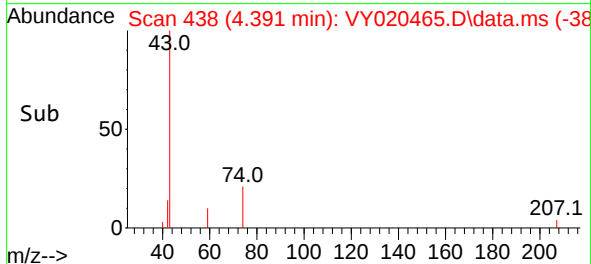
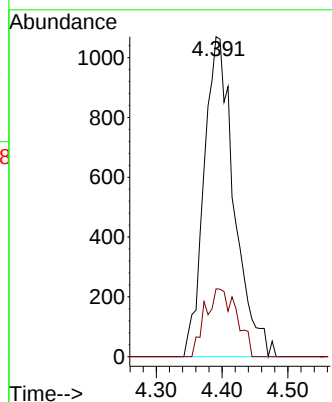


#18
Methyl Acetate
Concen: 3.467 ug/l
RT: 4.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :

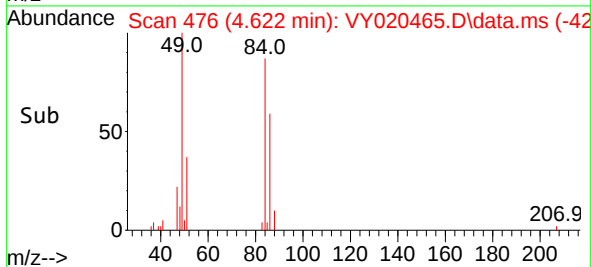
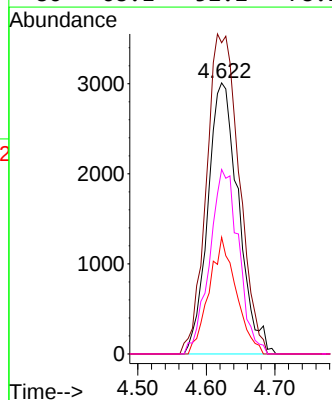
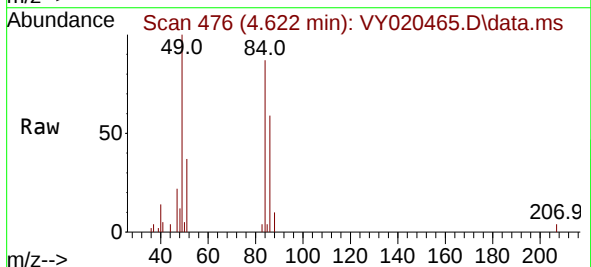


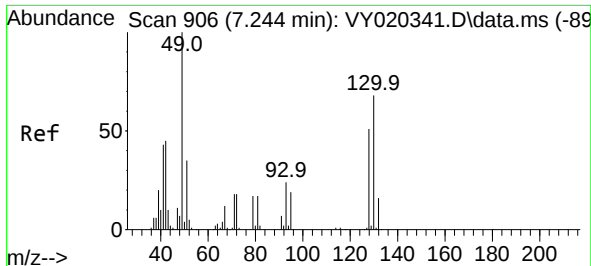
Tgt Ion: 43 Resp: 3405
Ion Ratio Lower Upper
43 100
74 22.1 18.6 27.8



#20
Methylene Chloride
Concen: 5.243 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion: 84 Resp: 9353
Ion Ratio Lower Upper
84 100
49 114.8 104.7 157.1
51 43.0 33.4 50.0
86 68.1 52.2 78.2

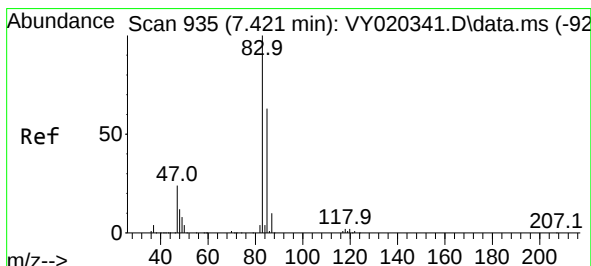
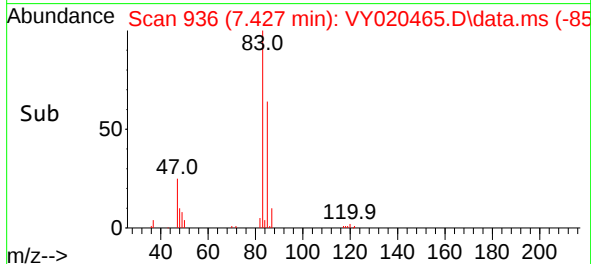
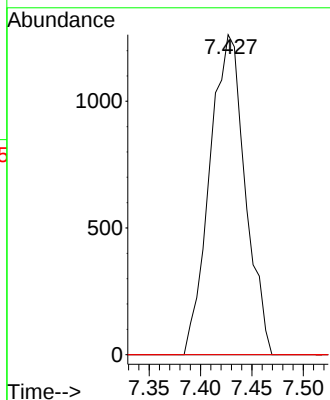
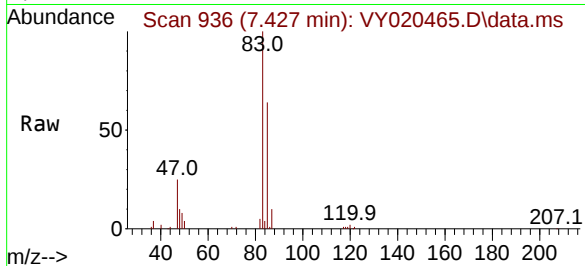




#28
Bromochloromethane
Concen: 2.009 ug/l
RT: 7.427 min Scan# 91
Delta R.T. 0.183 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

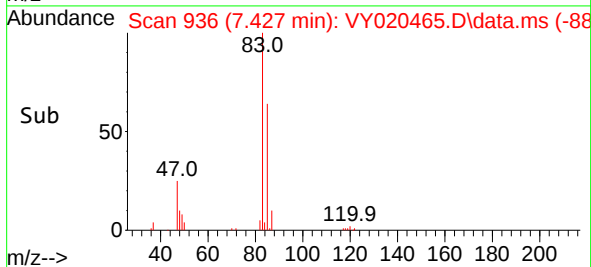
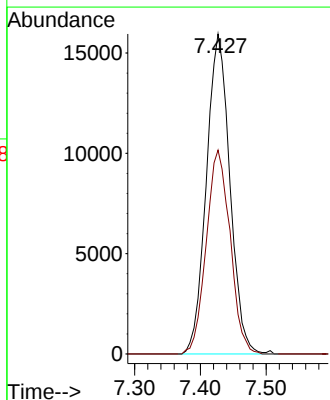
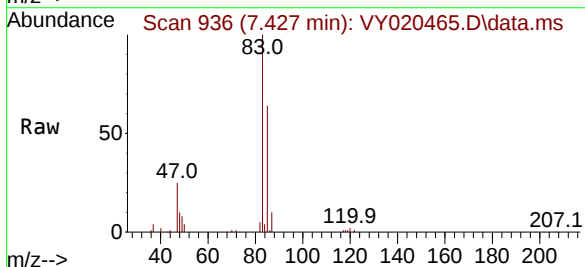
Instrument :
MSVOA_Y
ClientSampleId :

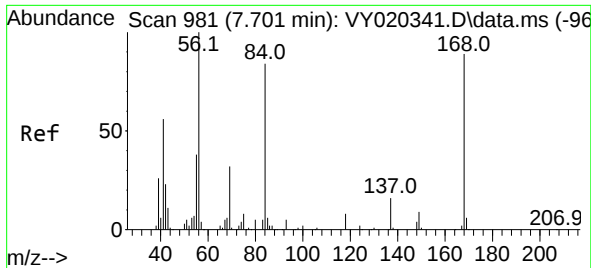
Tgt Ion: 49 Resp: 3035
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 55.0 82.6#



#30
Chloroform
Concen: 11.463 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion: 83 Resp: 39735
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5

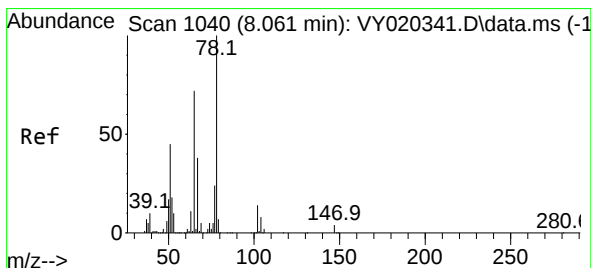
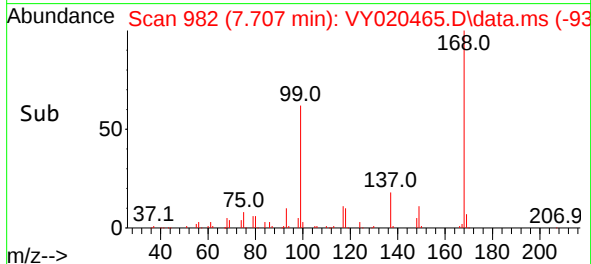
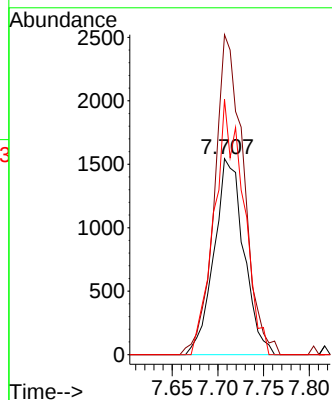
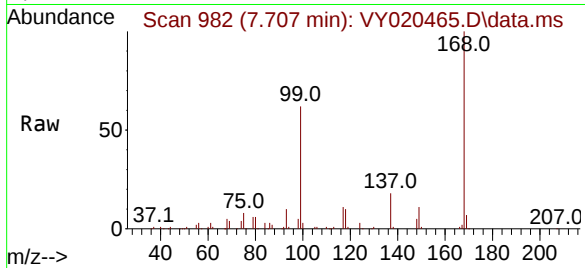




#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

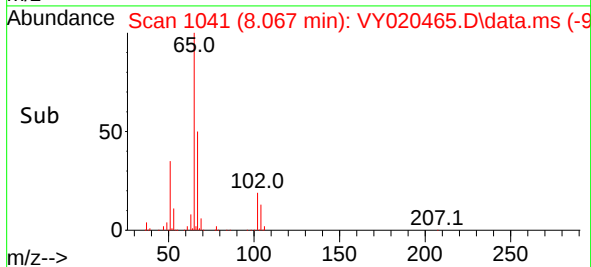
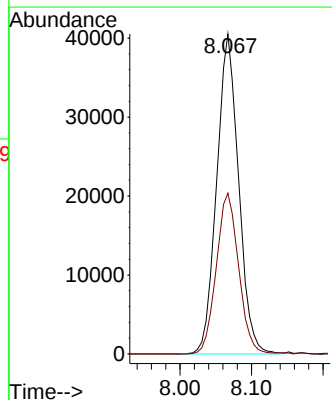
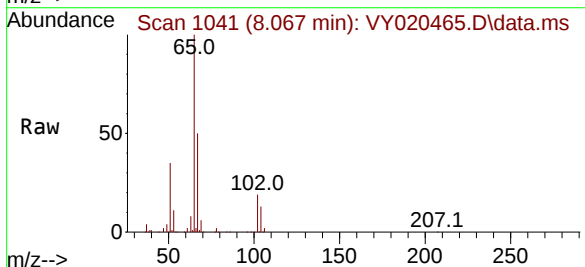
Instrument :
MSVOA_Y
ClientSampleId :

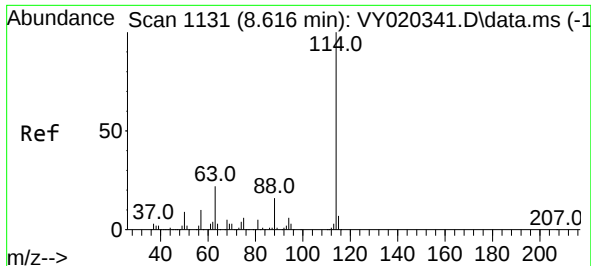
Tgt Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
69 163.3 25.3 37.9#
84 130.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.012 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

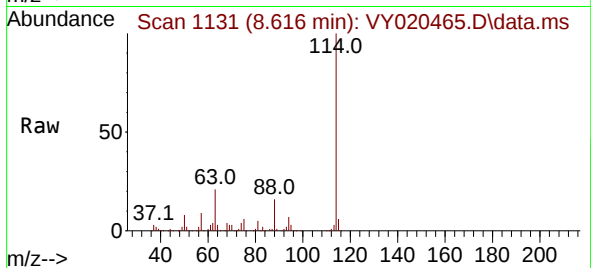
Tgt Ion: 65 Resp: 86127
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.8



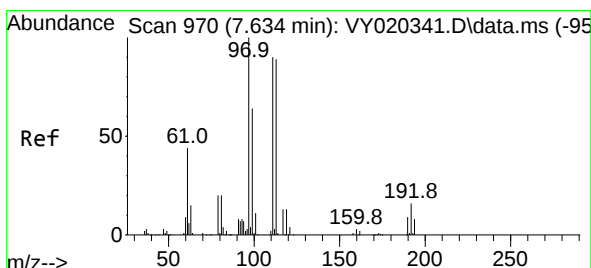
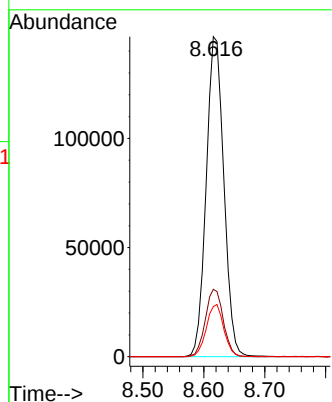
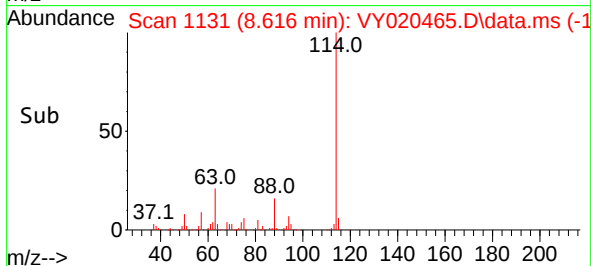


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :

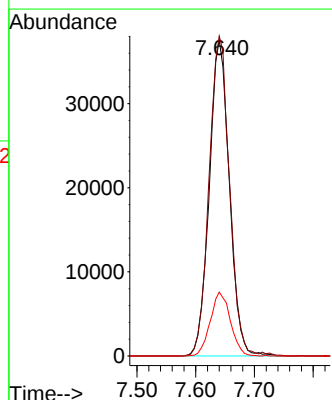
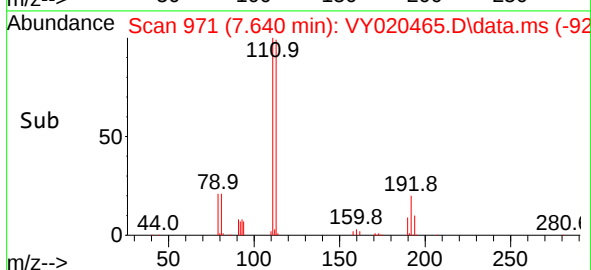
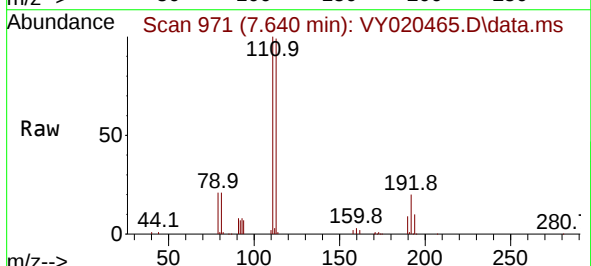


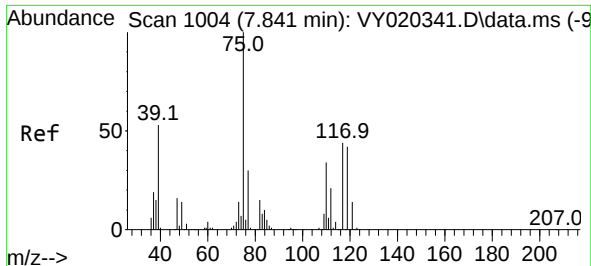
Tgt Ion:114 Resp: 294906
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.8
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.204 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion:113 Resp: 89264
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 20.2 15.1 22.7

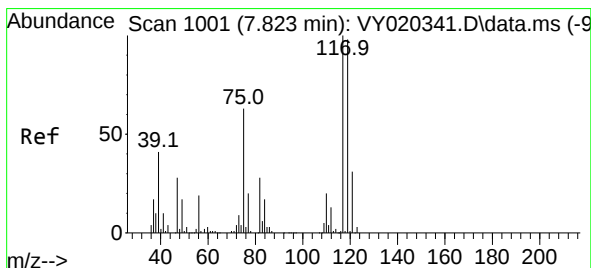
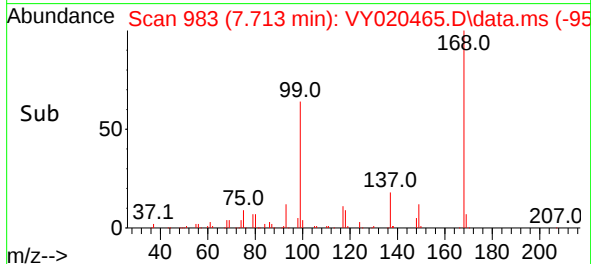
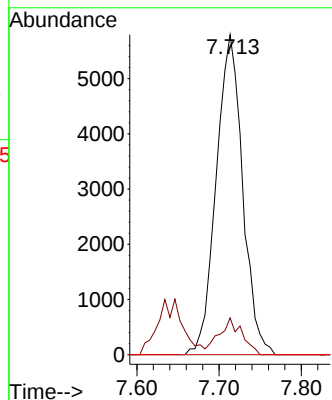
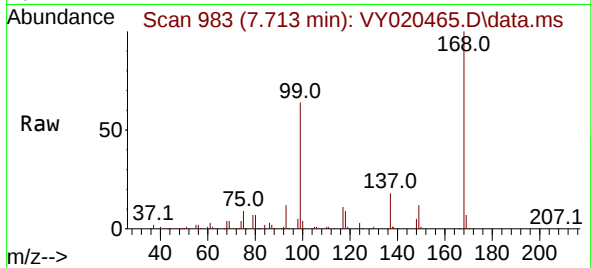




#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

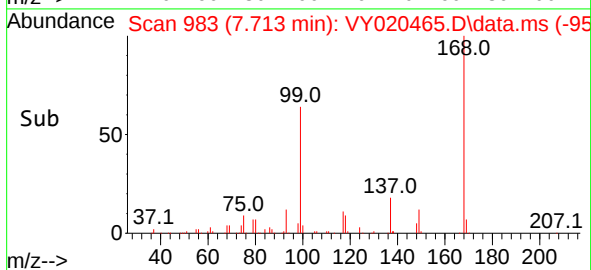
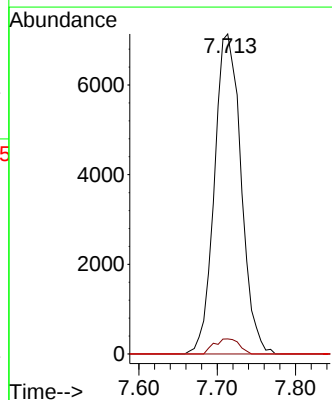
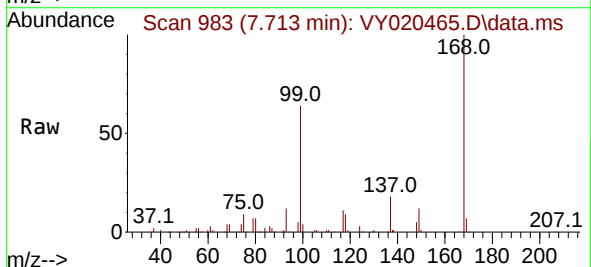
Instrument :
MSVOA_Y
ClientSampleId :

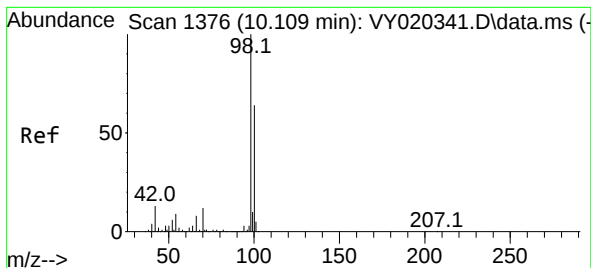
Tgt Ion: 75 Resp: 12946
Ion Ratio Lower Upper
75 100
110 9.9 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion: 117 Resp: 16876
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.6 37.0#

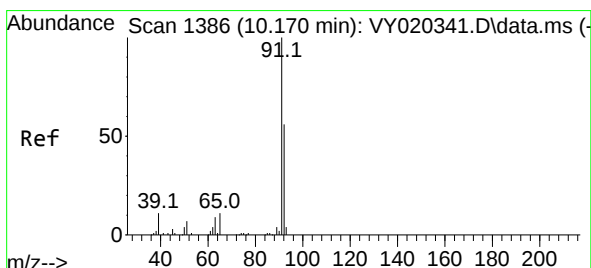
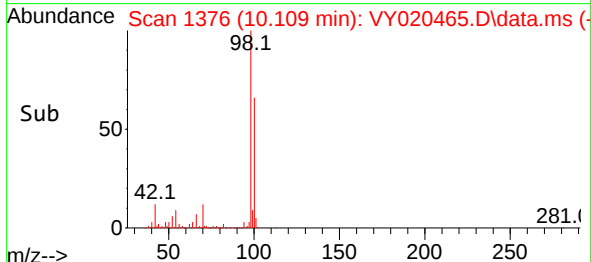
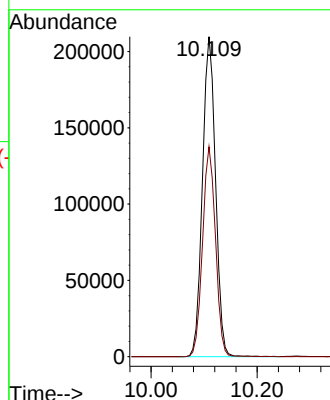
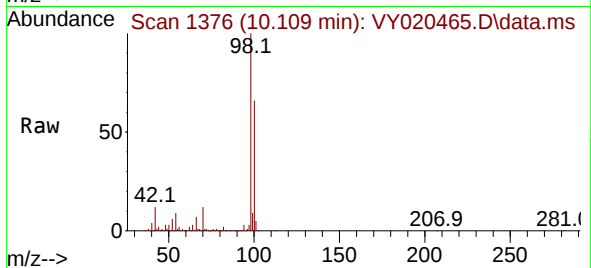




#50
Toluene-d8
Concen: 48.047 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

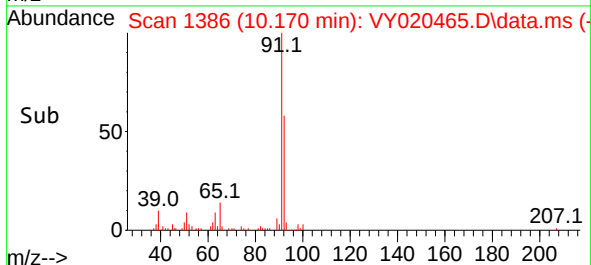
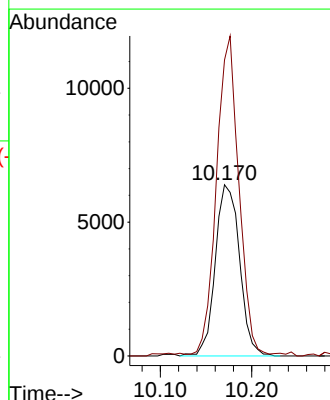
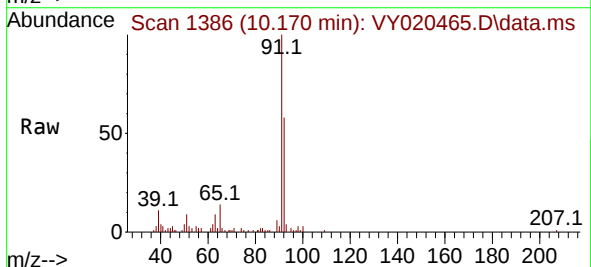
Instrument :
MSVOA_Y
ClientSampleId :

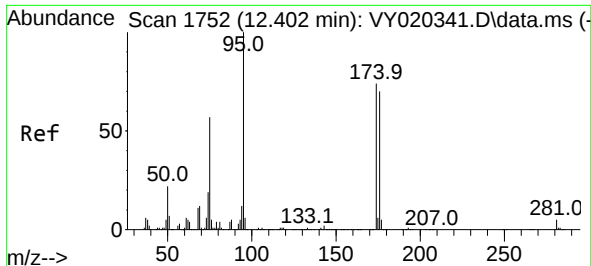
Tgt Ion: 98 Resp: 357906
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9



#52
Toluene
Concen: 2.282 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion: 92 Resp: 11808
Ion Ratio Lower Upper
92 100
91 170.3 139.7 209.5

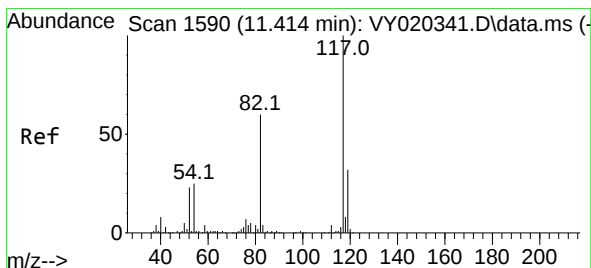
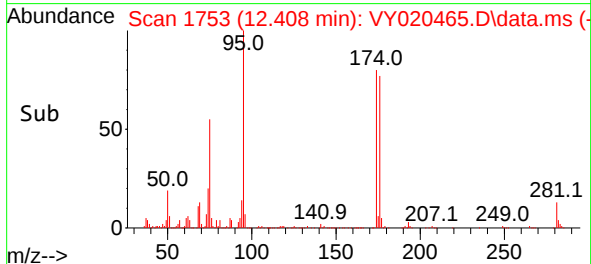
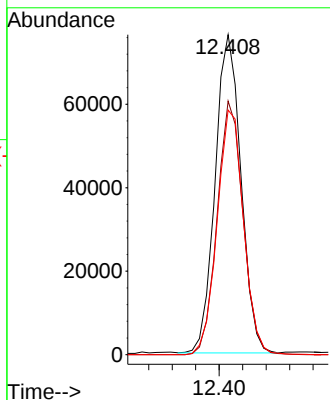
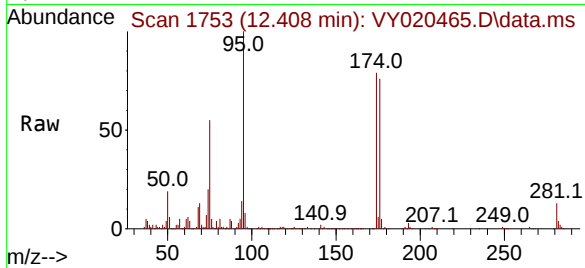




#62
4-Bromofluorobenzene
Concen: 48.635 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

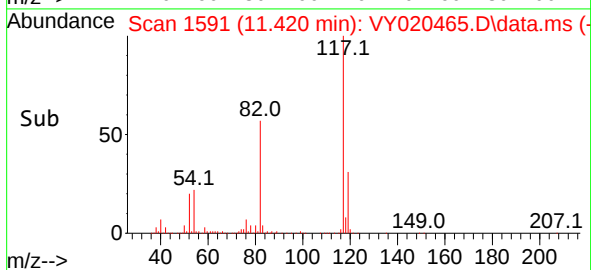
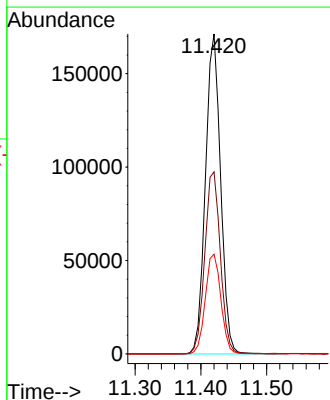
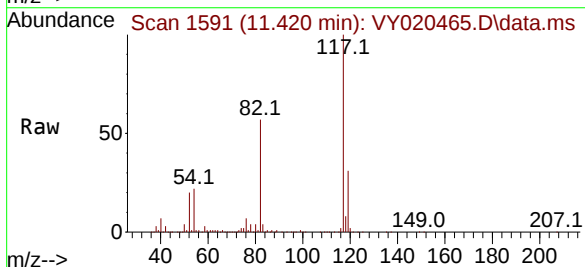
Instrument :
MSVOA_Y
ClientSampleId :

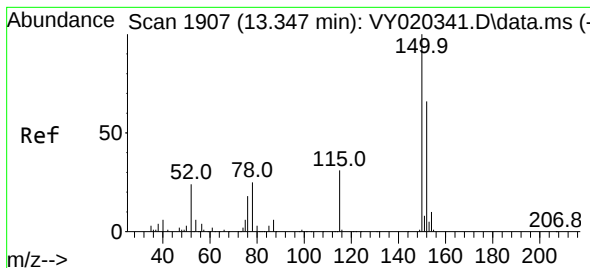
Tgt Ion: 95 Resp: 116464
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.8
176 78.7 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion: 117 Resp: 274867
Ion Ratio Lower Upper
117 100
82 56.8 48.2 72.4
119 31.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

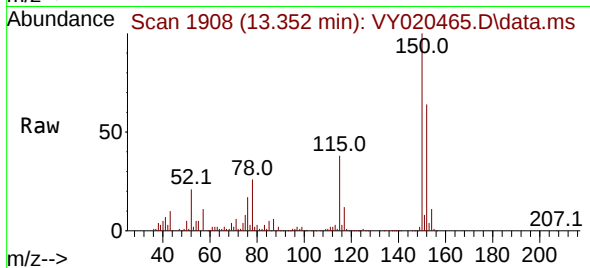
Lab File: VY020465.D

Acq: 27 Nov 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :



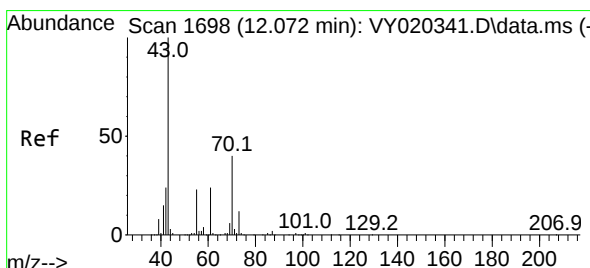
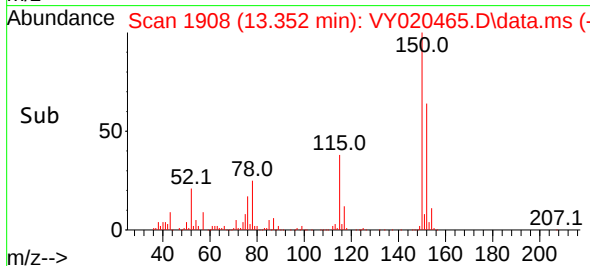
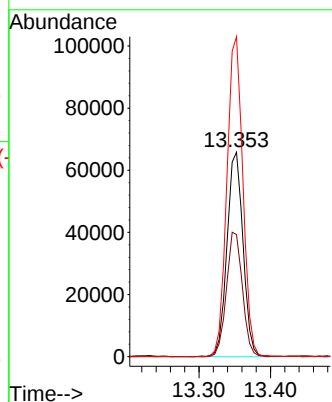
Tgt Ion:152 Resp: 102498

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 155.5 0.0 348.2



#74

N-ethyl acetate

Concen: 1.215 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.025 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:24

Tgt Ion: 43 Resp: 2550

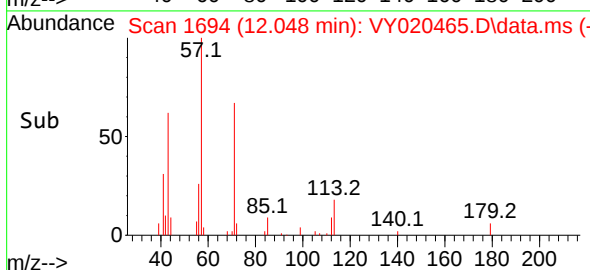
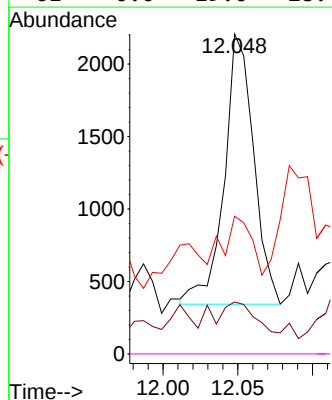
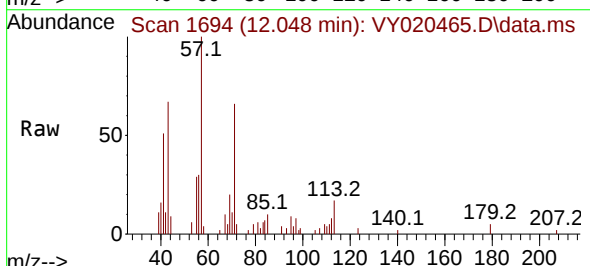
Ion Ratio Lower Upper

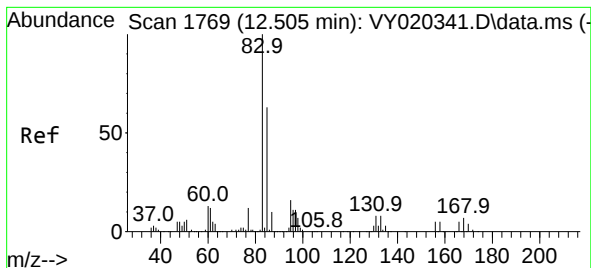
43 100

70 14.7 32.9 49.3#

55 20.2 19.3 28.9

61 0.0 19.0 28.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.462 ug/l

RT: 12.469 min Scan# 1753

Delta R.T. -0.037 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

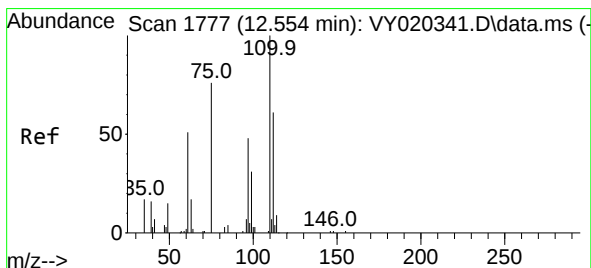
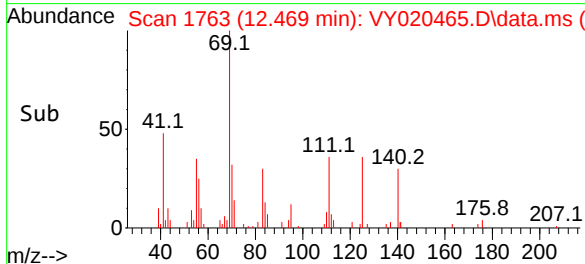
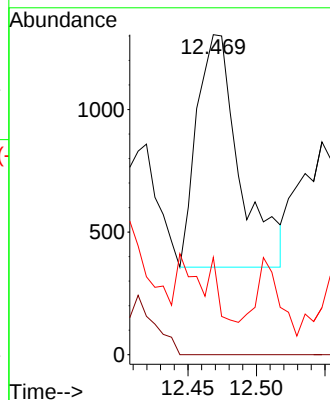
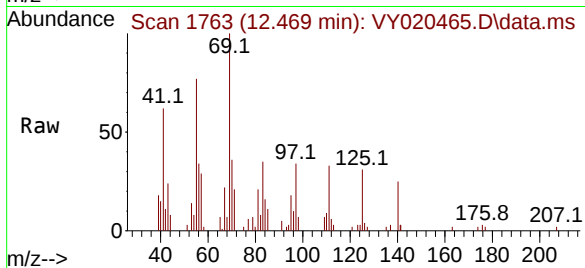
Tgt Ion: 83 Resp: 2052

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 66.047 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020465.D

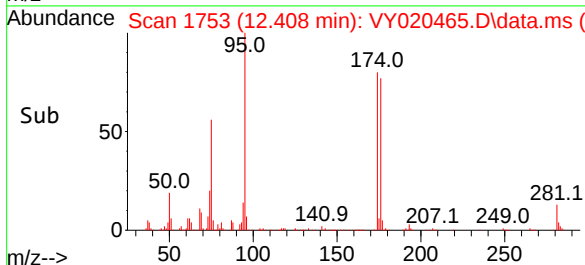
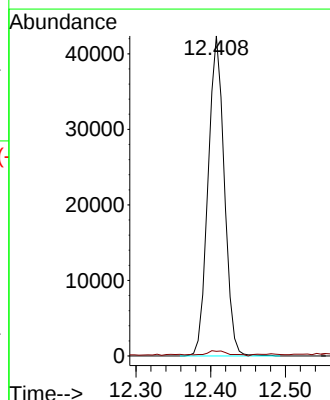
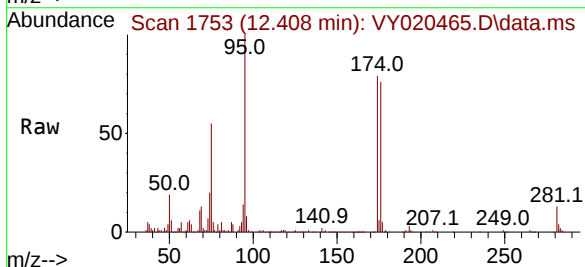
Acq: 27 Nov 2024 17:24

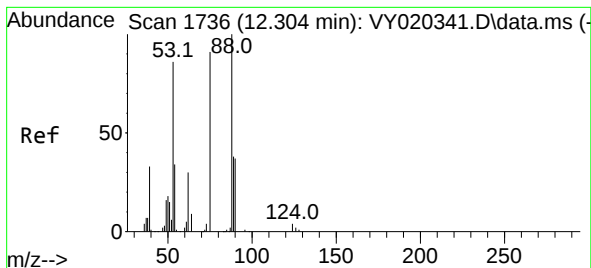
Tgt Ion: 75 Resp: 63806

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#

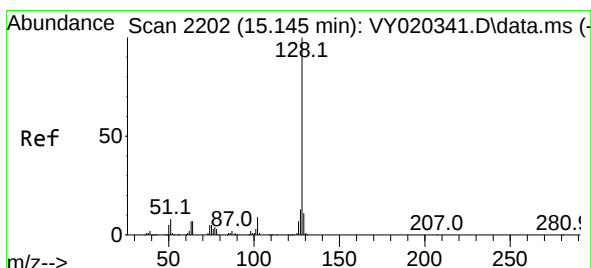
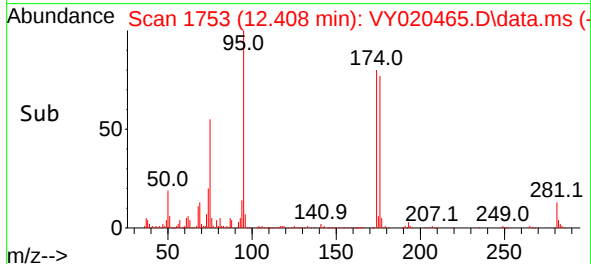
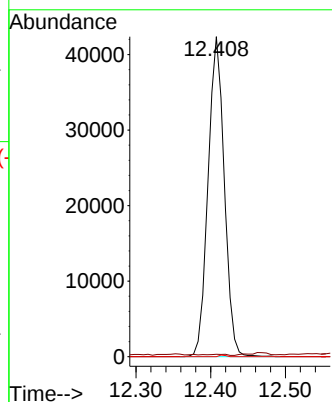
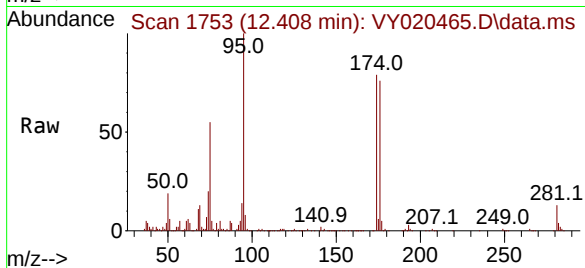




#81
trans-1,4-Dichloro-2-butene
Concen: 129.415 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63806
Ion Ratio Lower Upper
75 100
53 0.2 81.1 121.7#
89 0.2 35.1 52.7#



#95
Naphthalene
Concen: 3.569 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:24

Tgt Ion:128 Resp: 11390
Ion Ratio Lower Upper
128 100
127 25.7 10.5 15.7#
129 12.1 8.6 13.0

