

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020415.D
 Acq On : 22 Nov 2024 16:00
 Operator : SY/MD
 Sample : P4960-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 00:02:42 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)

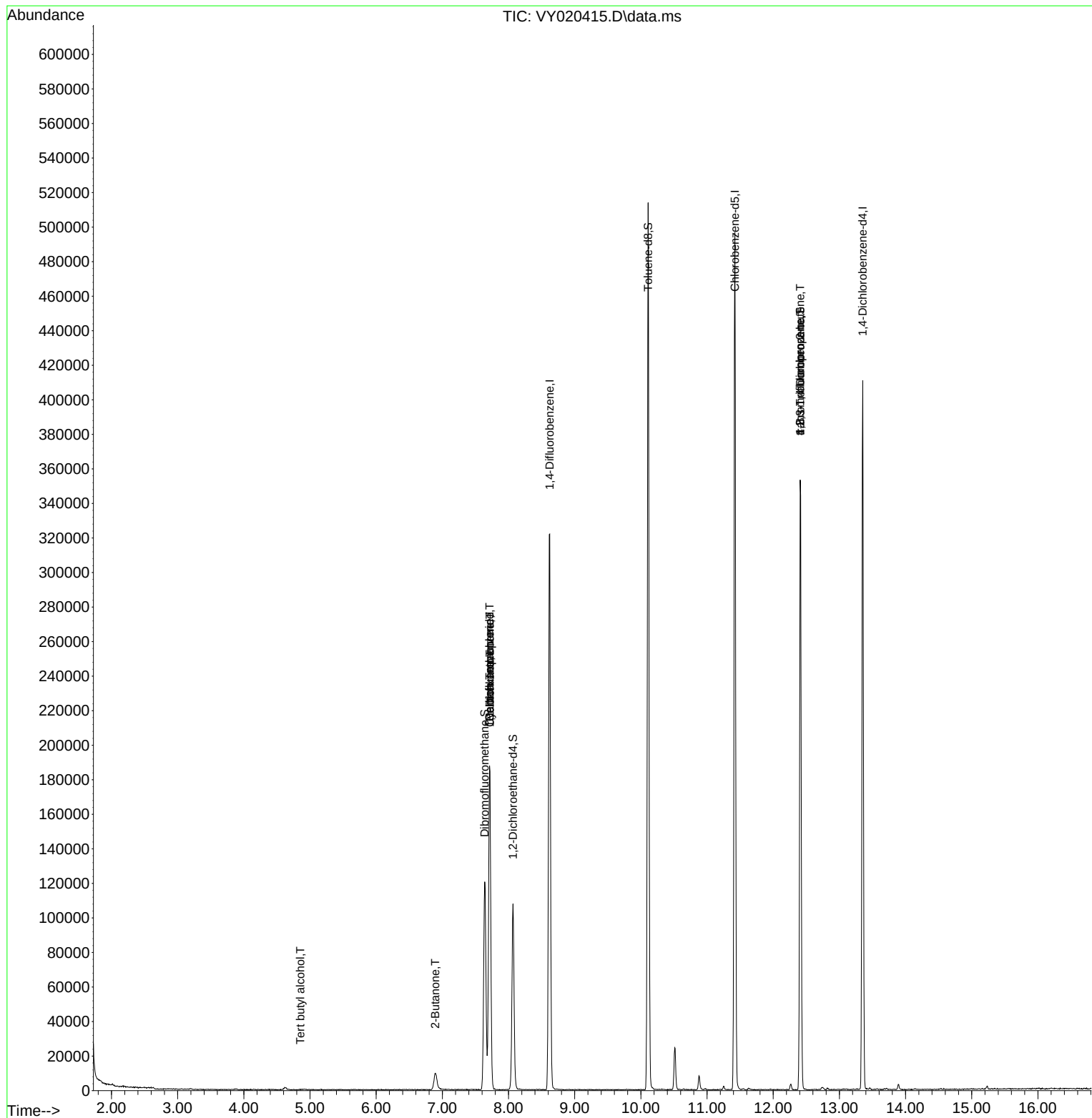
Internal Standards						
1) Pentafluorobenzene	7.713	168	140502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	267874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	99018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	87330	54.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.200%
35) Dibromofluoromethane	7.640	113	85389	49.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.109	98	325243	48.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.408	95	109002	50.112	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	38	Below Cal	#	41
11) Tert butyl alcohol	4.854	59	286	1.619	ug/l #	73
25) 2-Butanone	6.890	43	617	1.238	ug/l #	50
31) Cyclohexane	7.719	56	3318	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	11939	4.551	ug/l #	52
38) Carbon Tetrachloride	7.713	117	15402	5.623	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	61377	65.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	61377	128.864	ug/l #	9

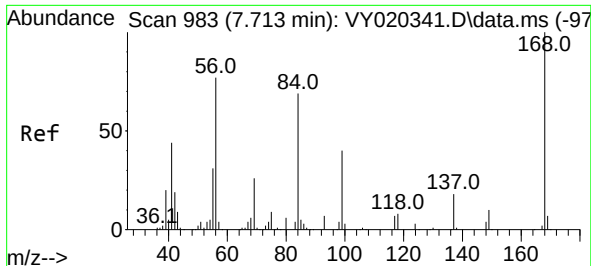
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
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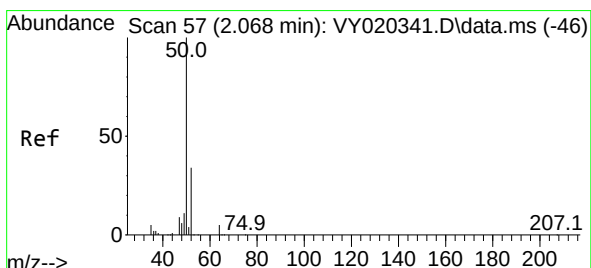
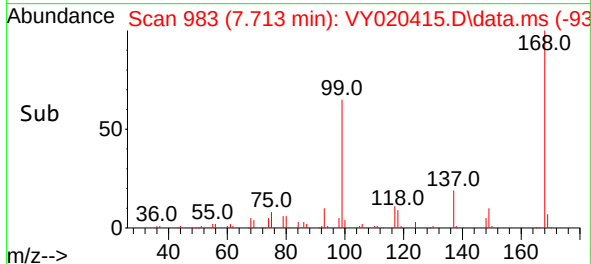
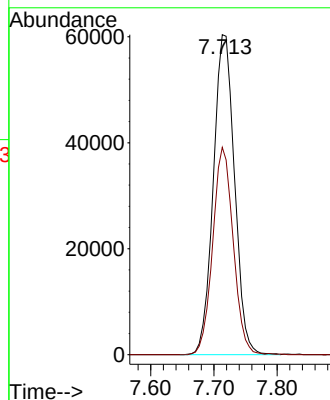
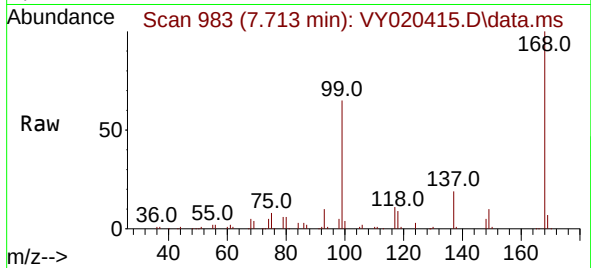




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

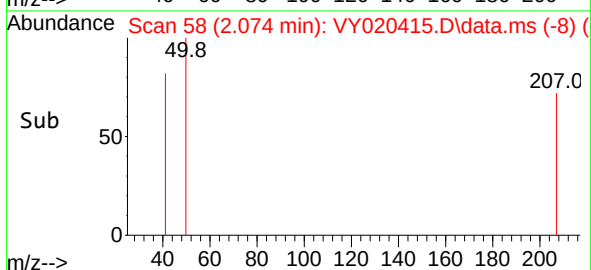
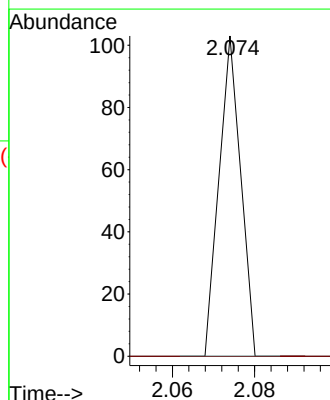
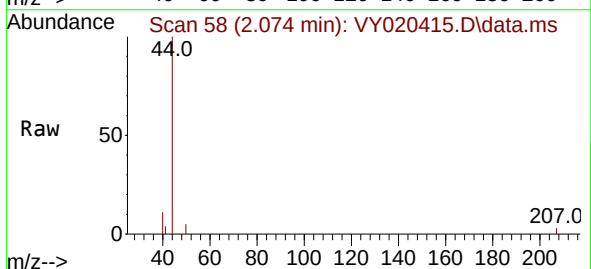
Instrument :
MSVOA_Y
ClientSampleId :

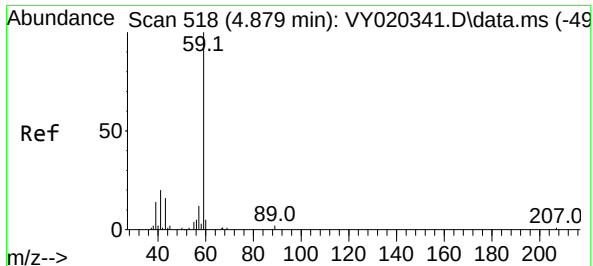
Tgt Ion:168 Resp: 140502
Ion Ratio Lower Upper
168 100
99 64.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Tgt Ion: 50 Resp: 38
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

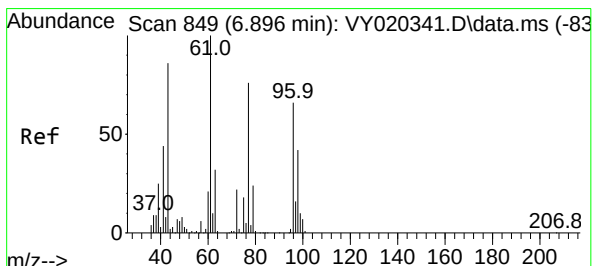
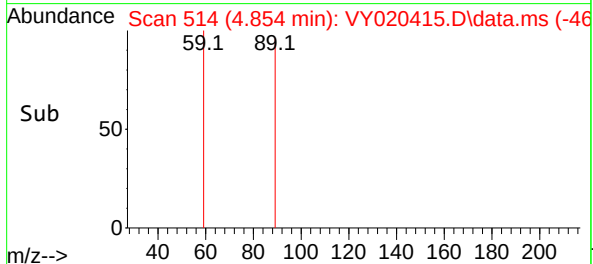
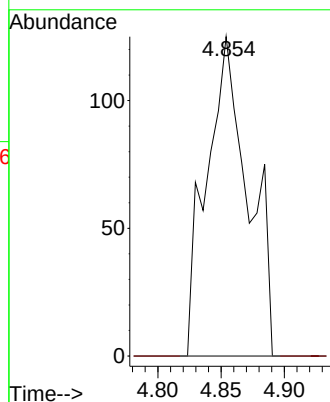
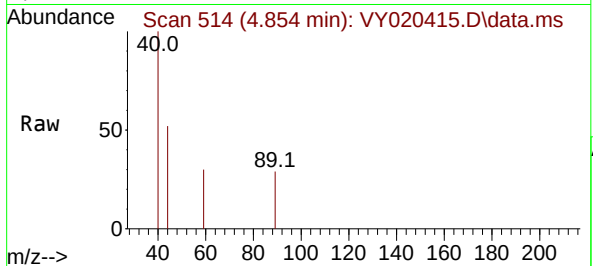




#11
Tert butyl alcohol
Concen: 1.619 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.025 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

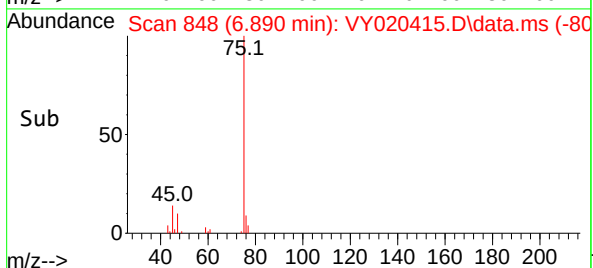
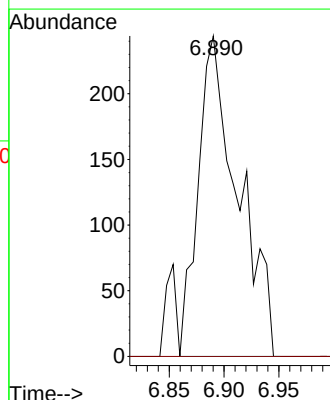
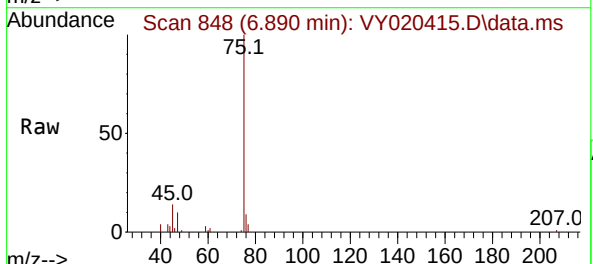
Instrument :
MSVOA_Y
ClientSampleId :

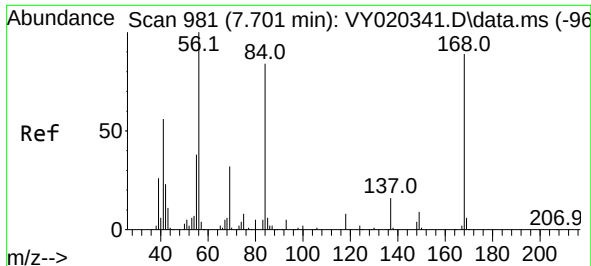
Tgt Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#25
2-Butanone
Concen: 1.238 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

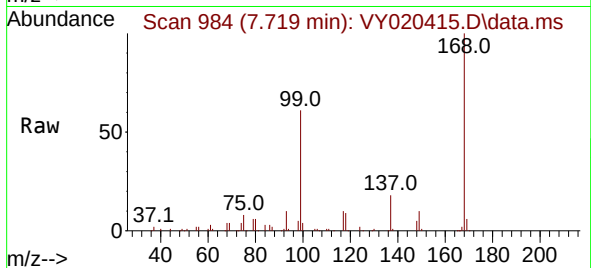
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



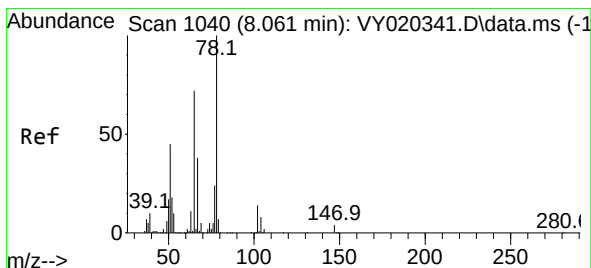
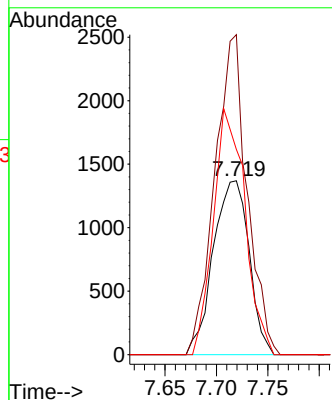
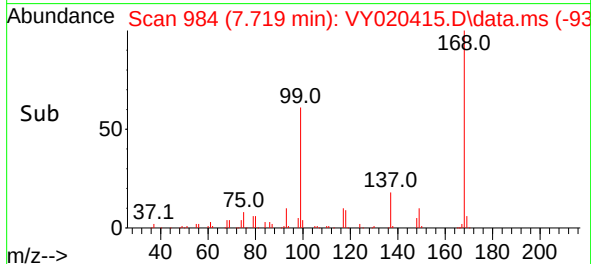


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.719 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

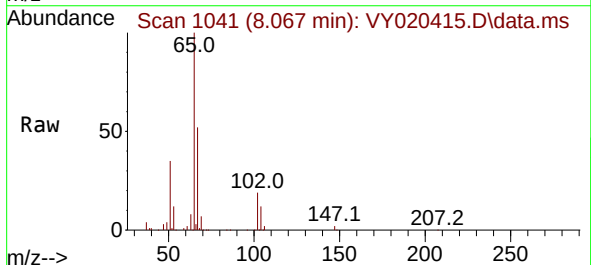
Instrument :
MSVOA_Y
ClientSampleId :



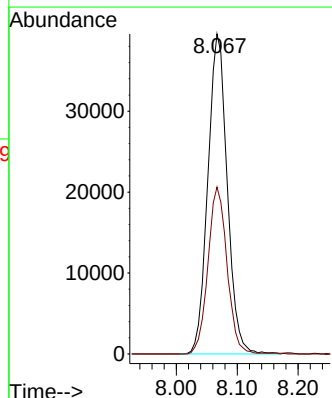
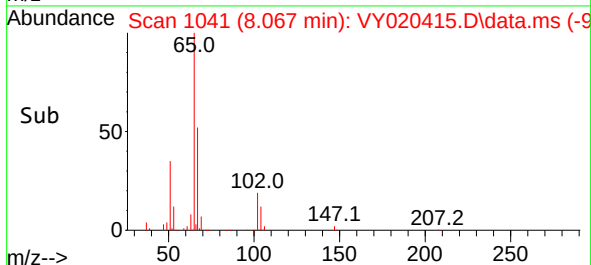
Tgt Ion: 56 Resp: 3318
Ion Ratio Lower Upper
56 100
69 183.9 25.3 37.9#
84 118.0 66.9 100.3#

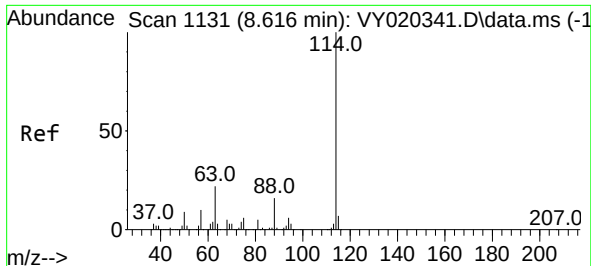


#33
1,2-Dichloroethane-d4
Concen: 54.101 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00



Tgt Ion: 65 Resp: 87330
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY020415.D

Acq: 22 Nov 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

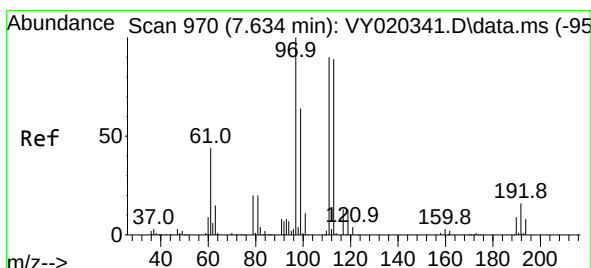
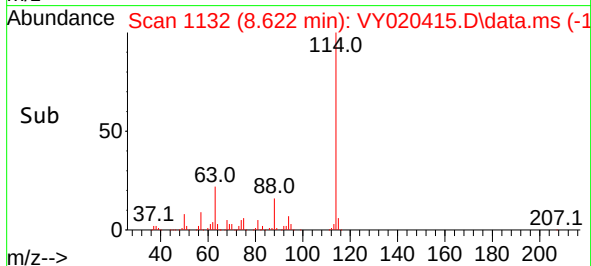
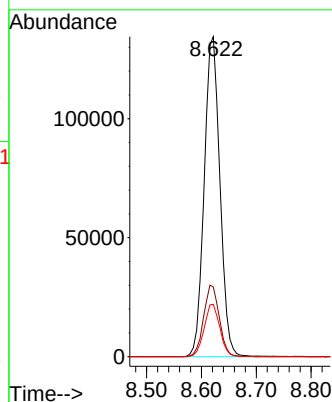
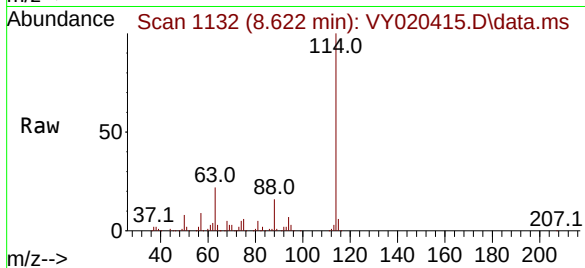
Tgt Ion:114 Resp: 267874

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.712 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020415.D

Acq: 22 Nov 2024 16:00

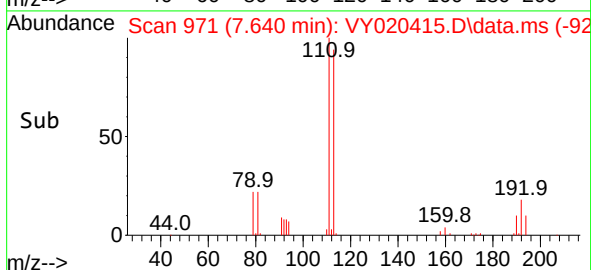
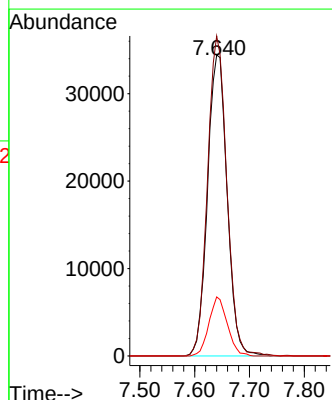
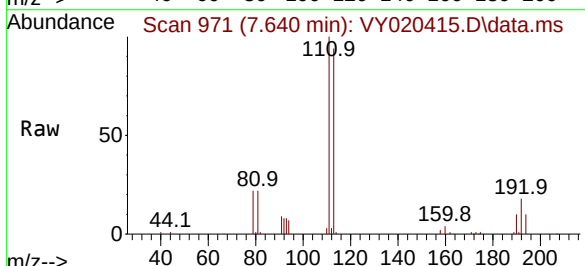
Tgt Ion:113 Resp: 85389

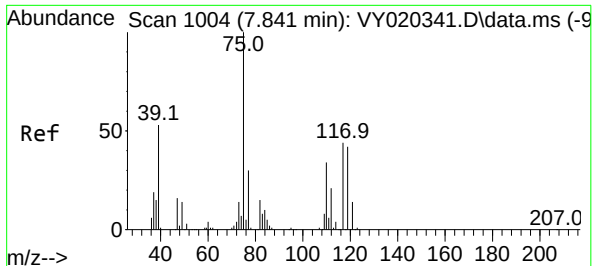
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

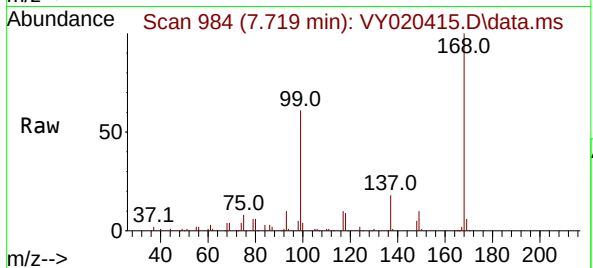
192 18.4 15.1 22.7



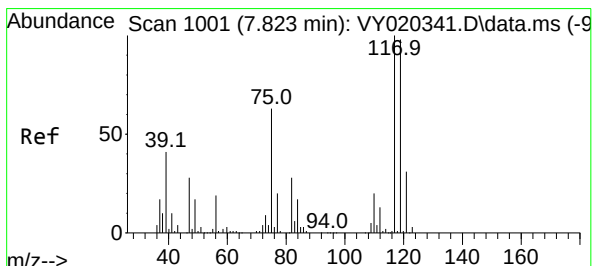
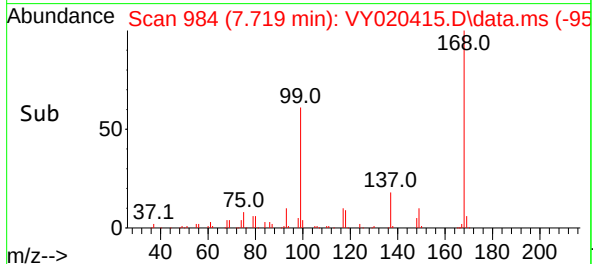
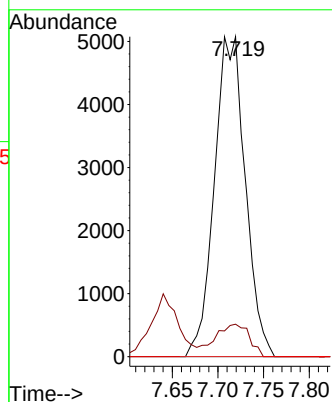


#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :

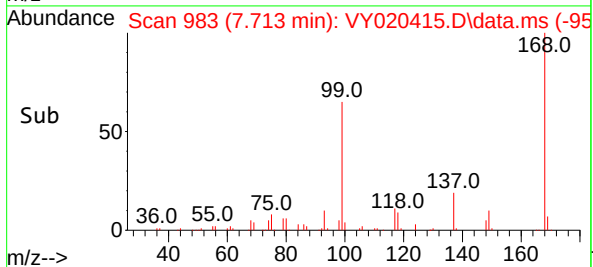
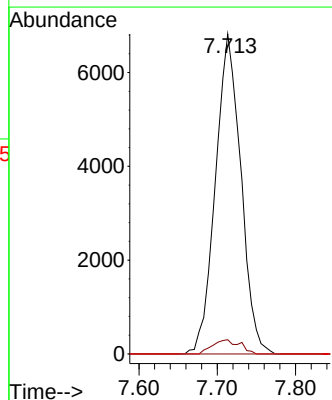
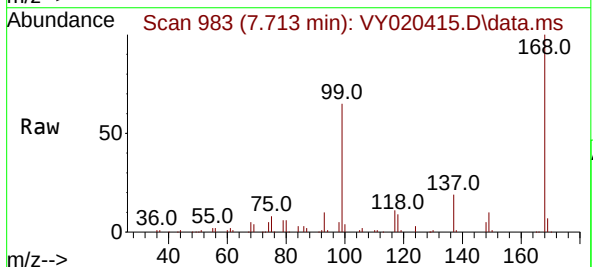


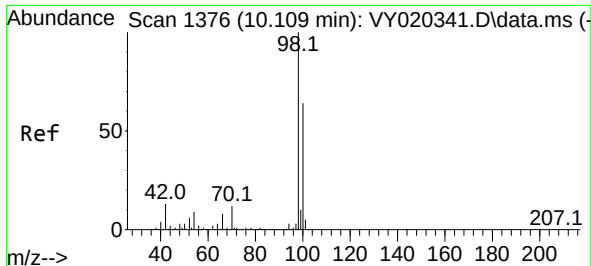
Tgt Ion: 75 Resp: 11939
Ion Ratio Lower Upper
75 100
110 10.7 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Tgt Ion: 117 Resp: 15402
Ion Ratio Lower Upper
117 100
119 4.5 77.8 116.6#
121 0.0 24.6 37.0#

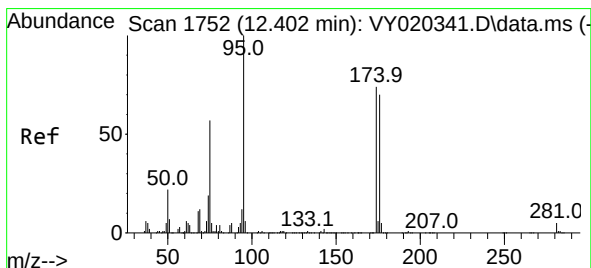
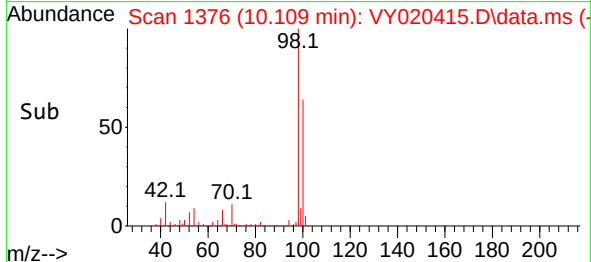
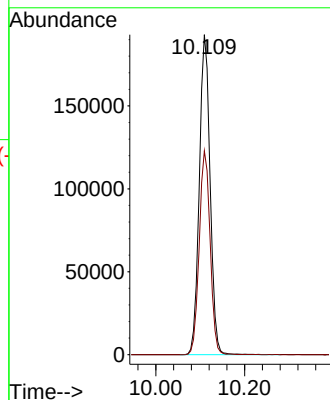
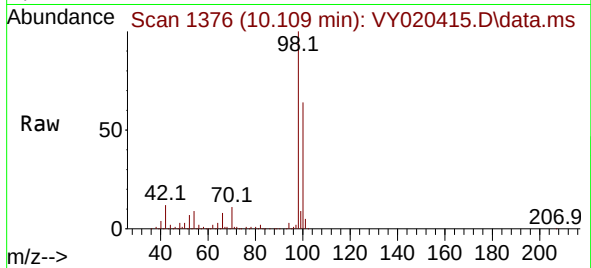




#50
Toluene-d8
Concen: 48.068 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

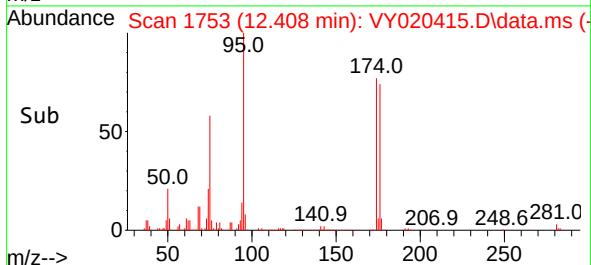
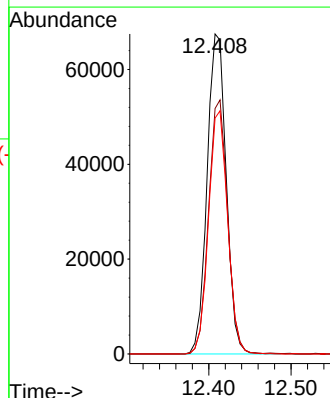
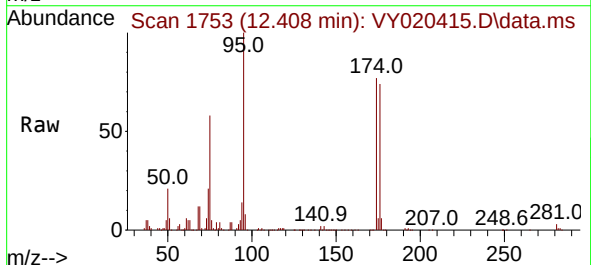
Instrument :
MSVOA_Y
ClientSampleId :

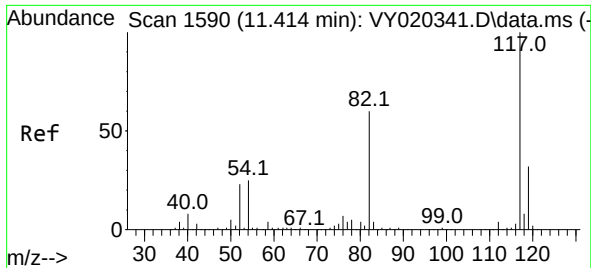
Tgt Ion: 98 Resp: 325243
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.112 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Tgt Ion: 95 Resp: 109002
Ion Ratio Lower Upper
95 100
174 78.9 0.0 156.8
176 76.0 0.0 152.0

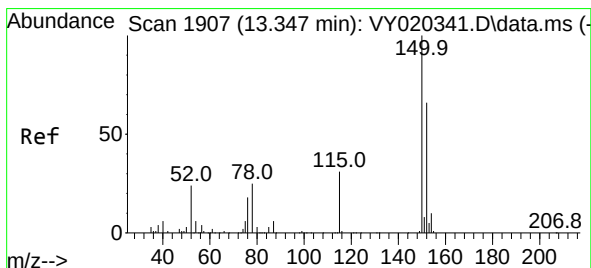
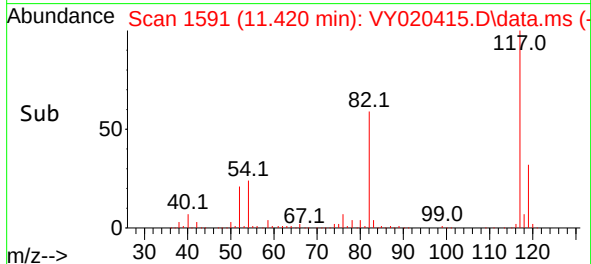
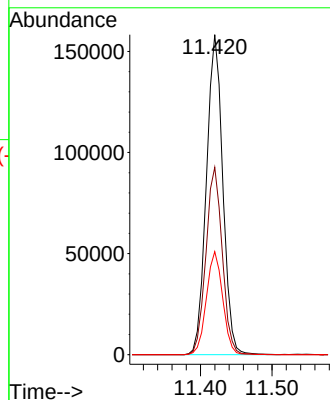
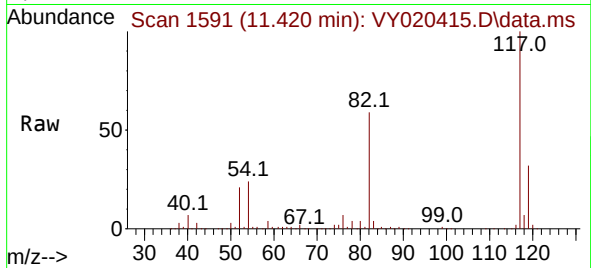




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

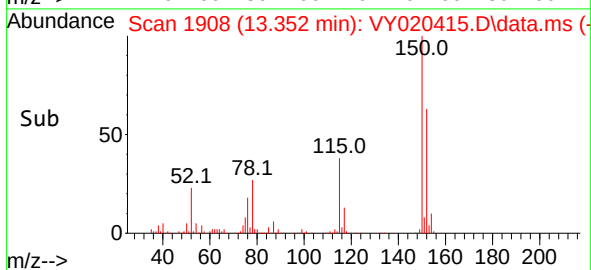
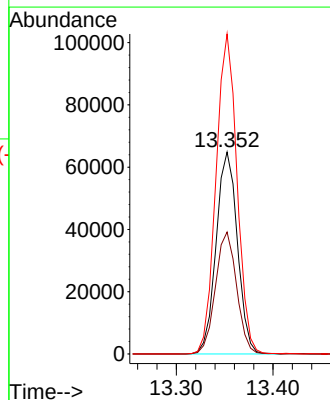
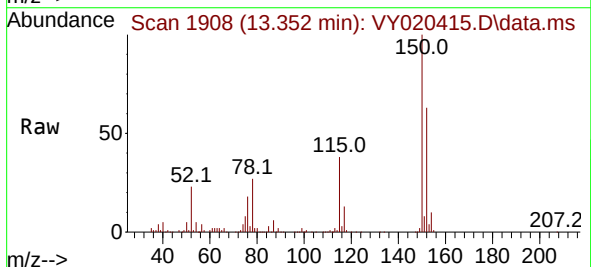
Instrument :
MSVOA_Y
ClientSampleId :

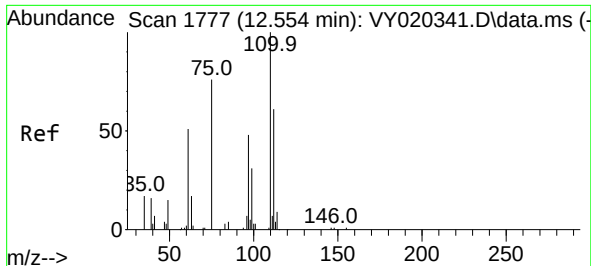
Tgt Ion:117 Resp: 251857
Ion Ratio Lower Upper
117 100
82 58.6 48.2 72.4
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Tgt Ion:152 Resp: 99018
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 156.4 0.0 348.2

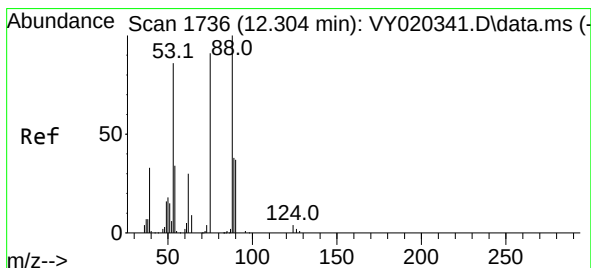
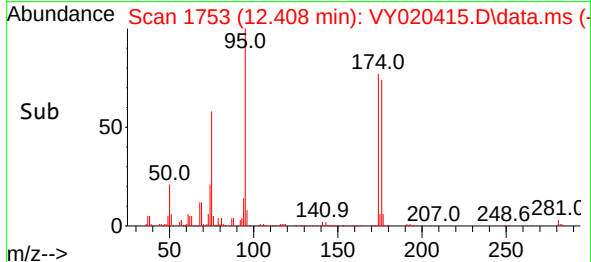
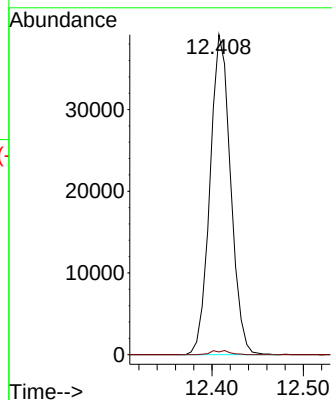
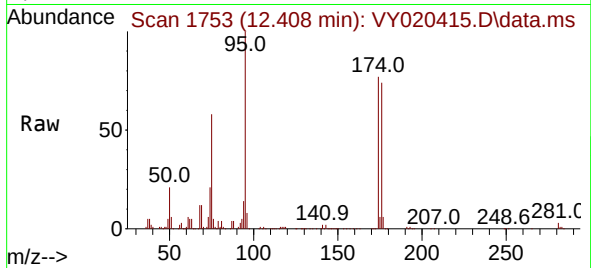




#76
1,2,3-Trichloropropane
Concen: 65.765 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61377
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.864 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Tgt Ion: 75 Resp: 61377
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

