

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020435.D
 Acq On : 25 Nov 2024 17:20
 Operator : SY/MD
 Sample : P4960-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 00:46:58 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)

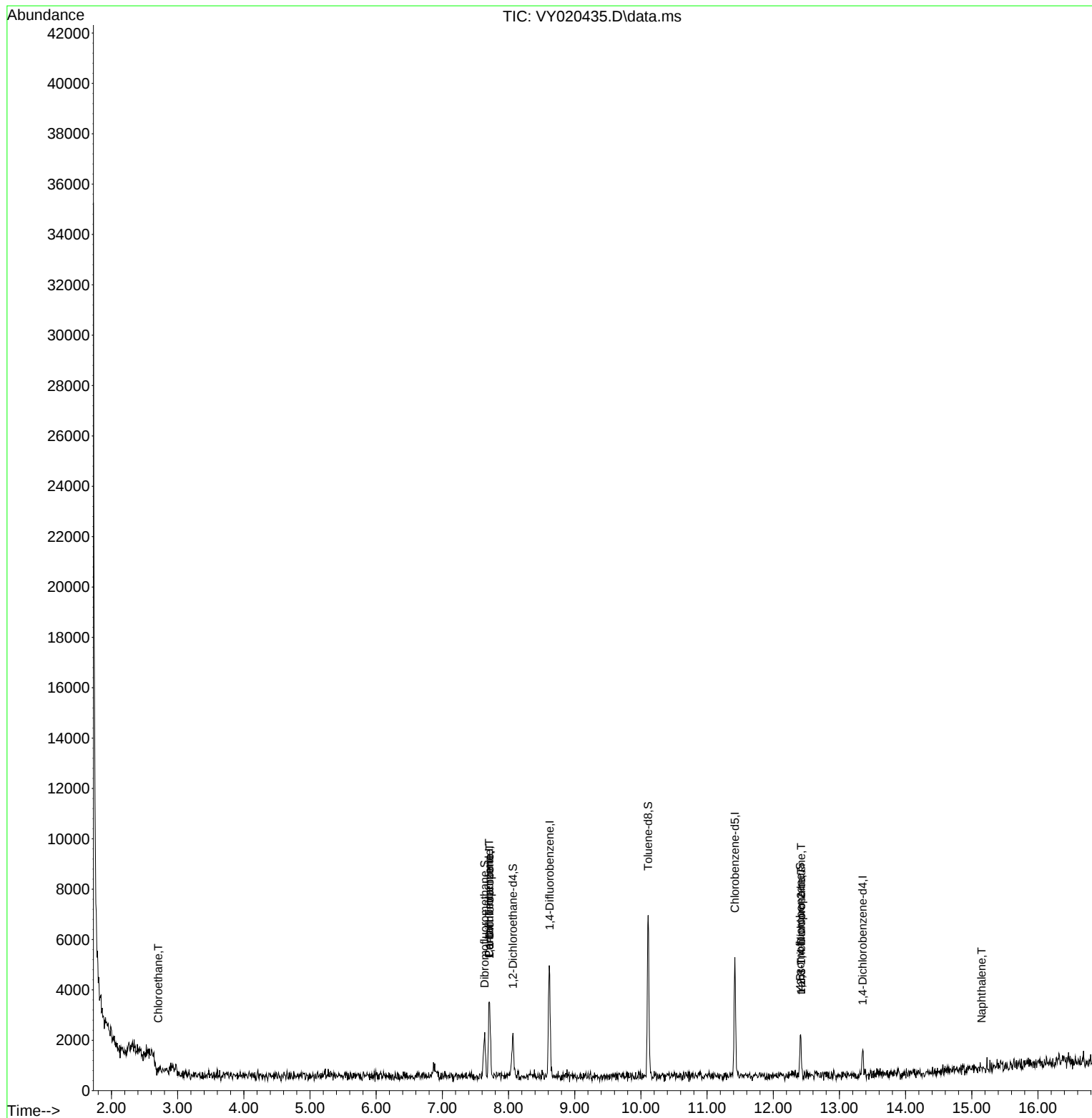
Internal Standards						
1) Pentafluorobenzene	7.707	168	2583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	4372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1498	50.479	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.960%		
35) Dibromofluoromethane	7.640	113	1249	44.552	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 89.100%		
50) Toluene-d8	10.109	98	4671	42.297	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 84.600%		
62) 4-Bromofluorobenzene	12.408	95	691	19.464	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 38.920%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.708	64	49	2.442	ug/l #	43
36) 1,1-Dichloropropene	7.713	75	72	1.681	ug/l #	43
38) Carbon Tetrachloride	7.707	117	296	6.621	ug/l #	11
76) 1,2,3-Trichloropropane	12.420	75	367	82.147	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	367	160.964	ug/l #	9
95) Naphthalene	15.151	128	24	1.626	ug/l #	69

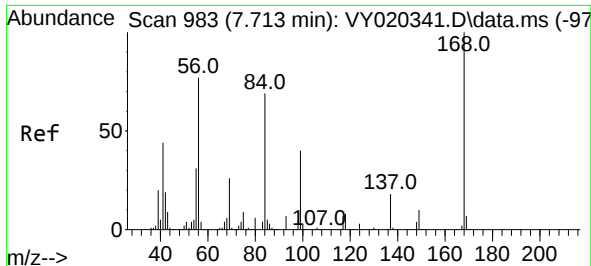
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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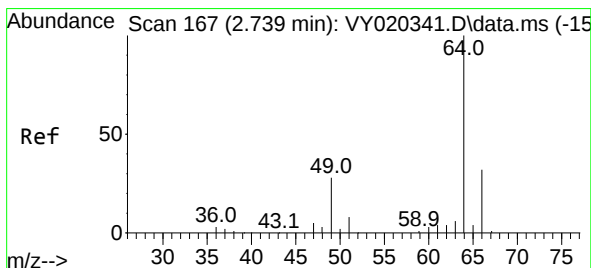
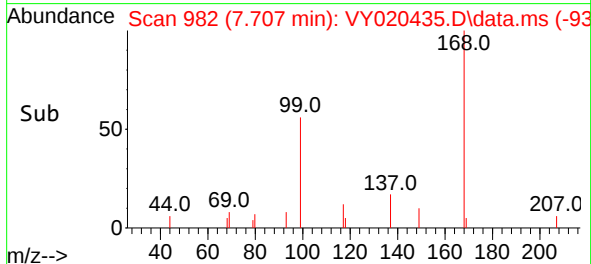
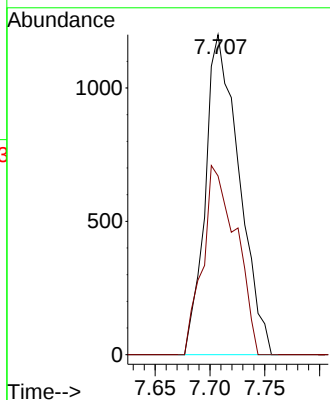
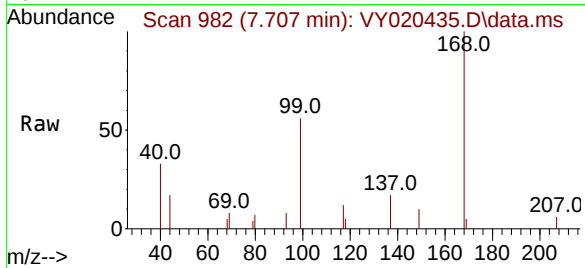




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

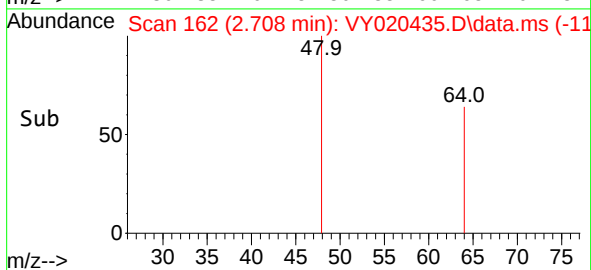
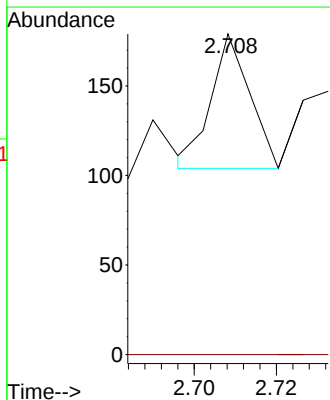
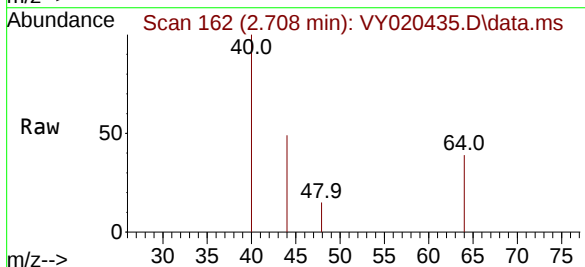
Instrument :
MSVOA_Y
ClientSampleId :

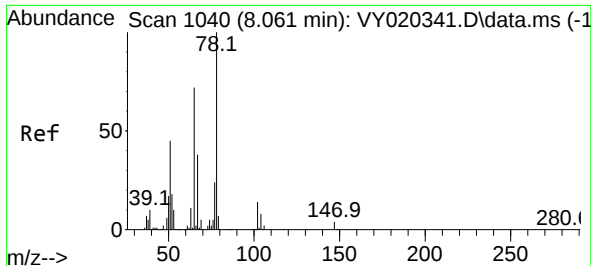
Tgt Ion:168 Resp: 2583
Ion Ratio Lower Upper
168 100
99 55.8 46.6 69.8



#6
Chloroethane
Concen: 2.442 ug/l
RT: 2.708 min Scan# 162
Delta R.T. -0.030 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 50.479 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

Instrument :

MSVOA_Y

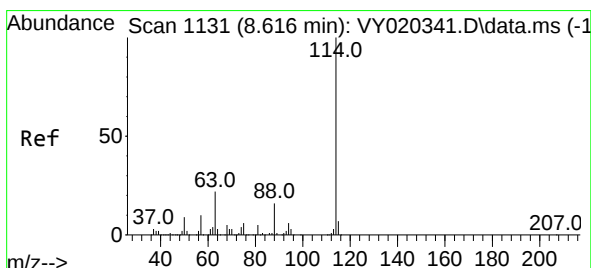
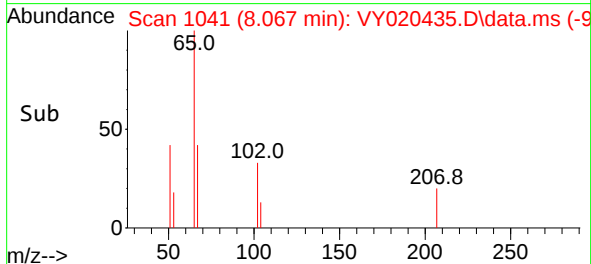
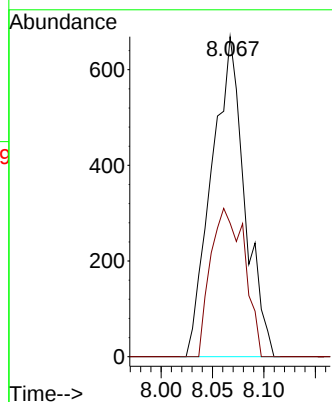
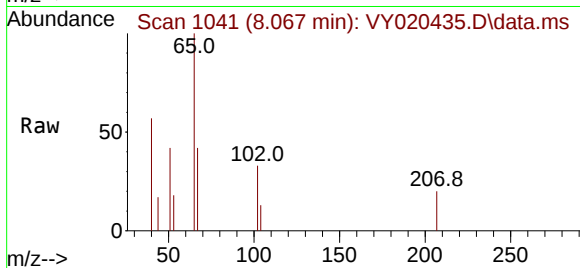
ClientSampleId :

Tgt Ion: 65 Resp: 1498

Ion Ratio Lower Upper

65 100

67 47.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

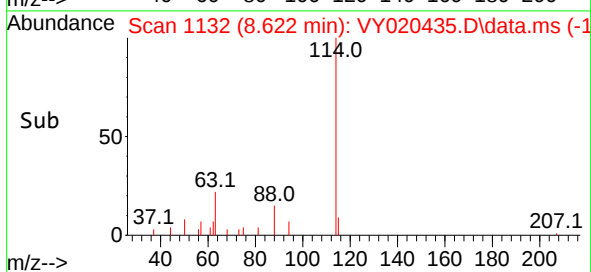
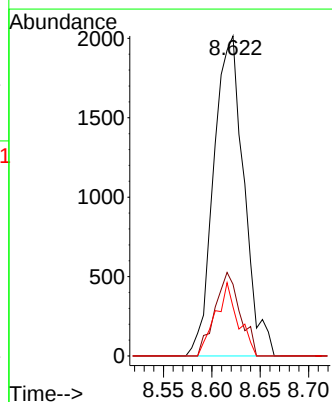
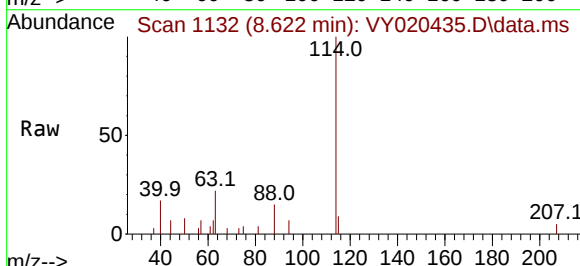
Tgt Ion: 114 Resp: 4372

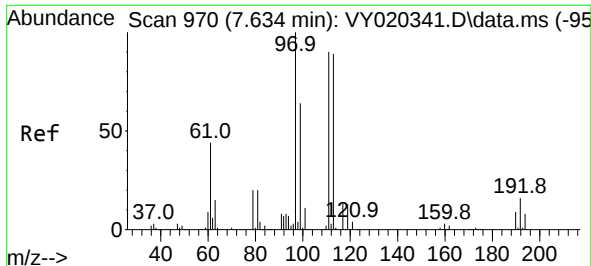
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.8

88 15.4 0.0 32.0

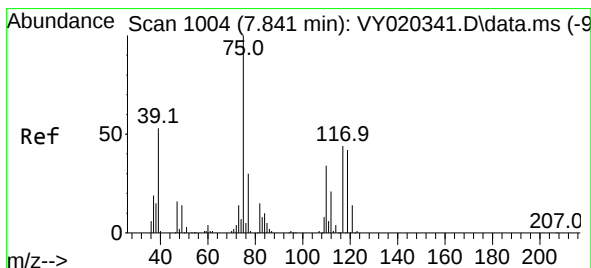
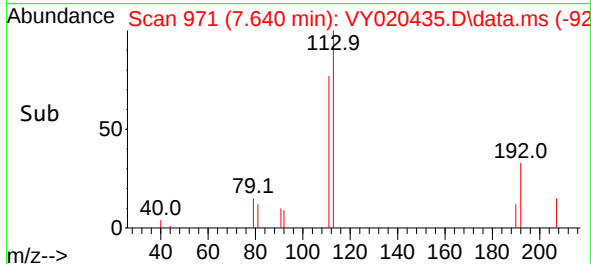
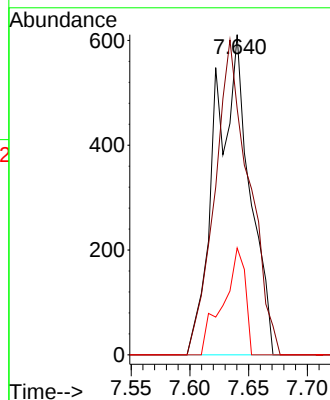
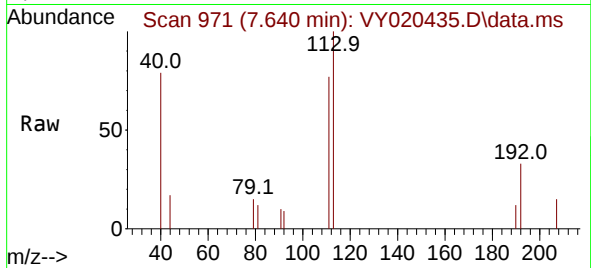




#35
Dibromofluoromethane
Concen: 44.552 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

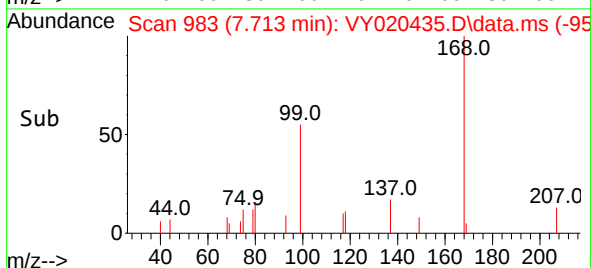
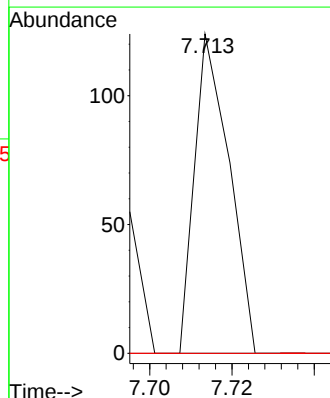
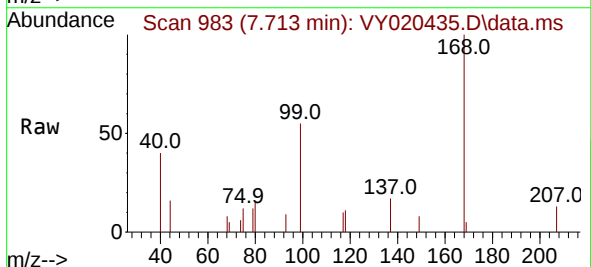
Instrument :
MSVOA_Y
ClientSampleId :

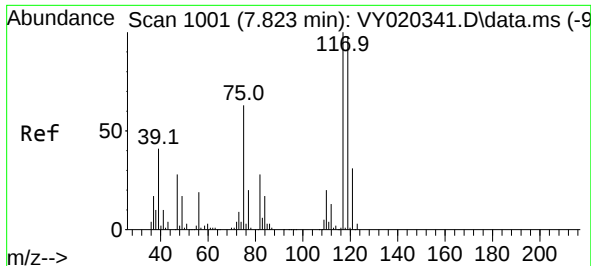
Tgt Ion:113 Resp: 1249
Ion Ratio Lower Upper
113 100
111 97.9 81.4 122.0
192 21.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 1.681 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

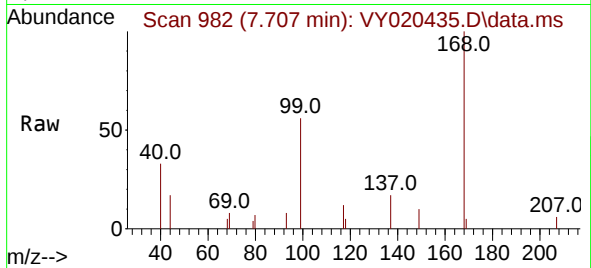
Tgt Ion: 75 Resp: 72
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.0#
77 0.0 24.6 36.8#



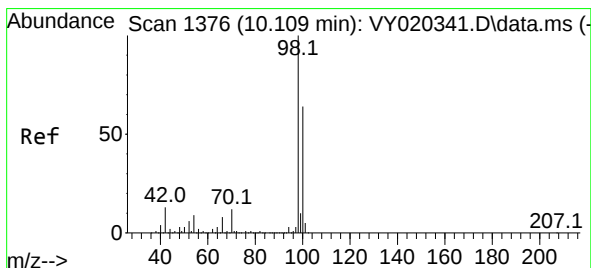
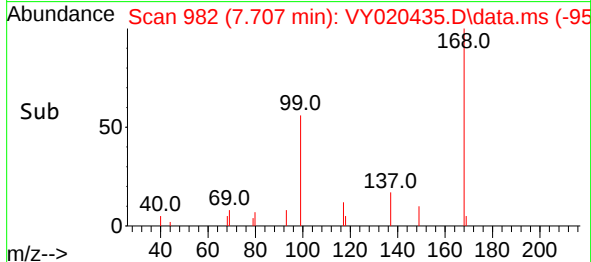
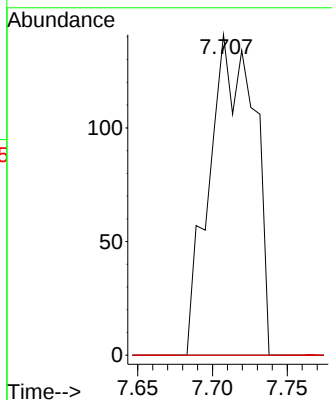


#38
Carbon Tetrachloride
Concen: 6.621 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :

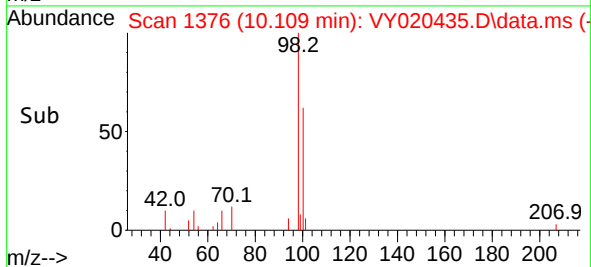
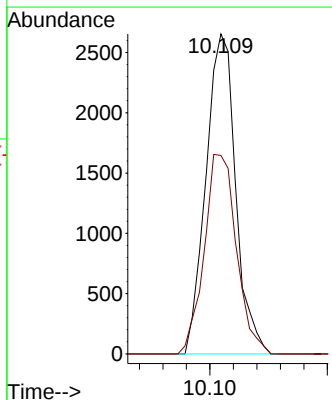
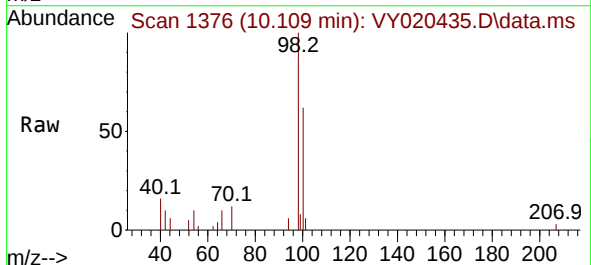


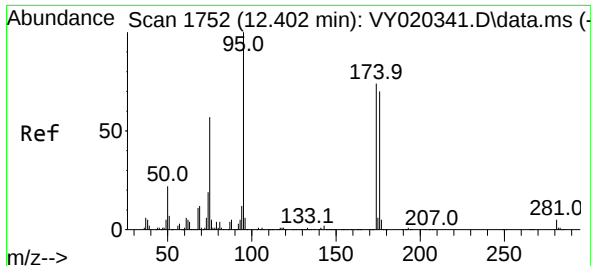
Tgt Ion:117 Resp: 296
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 42.297 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

Tgt Ion: 98 Resp: 4671
Ion Ratio Lower Upper
98 100
100 67.4 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 19.464 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020435.D

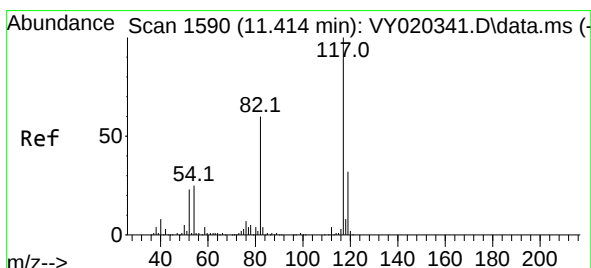
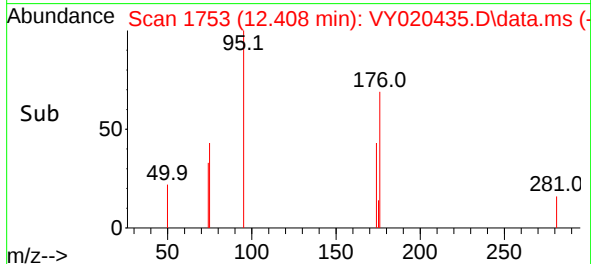
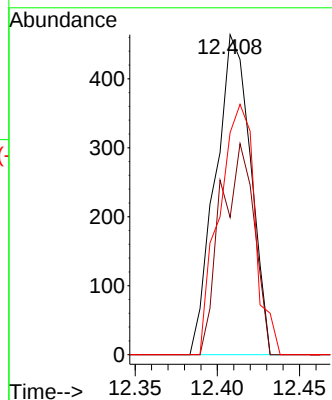
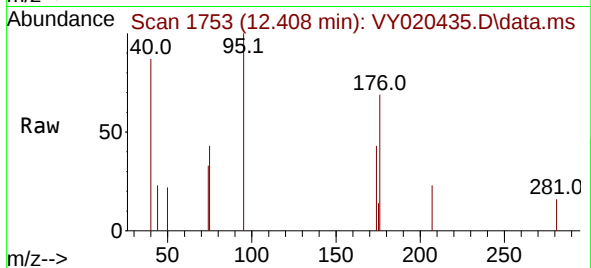
Acq: 25 Nov 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp:	691
Ion Ratio	Lower	Upper
95	100	
174	63.0	0.0 156.8
176	79.6	0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

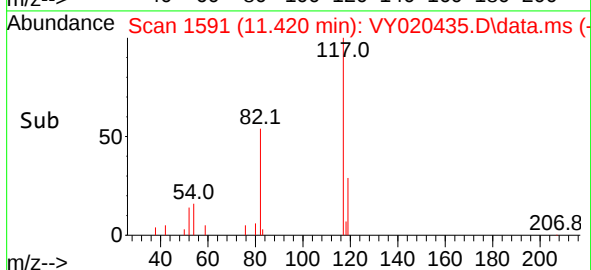
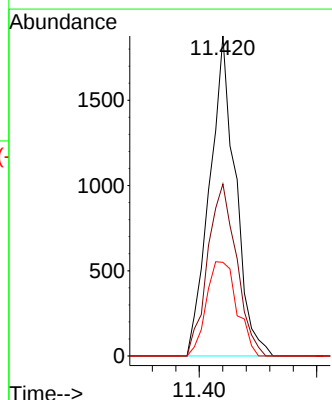
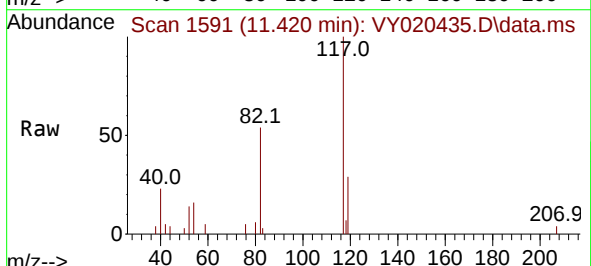
RT: 11.420 min Scan# 1591

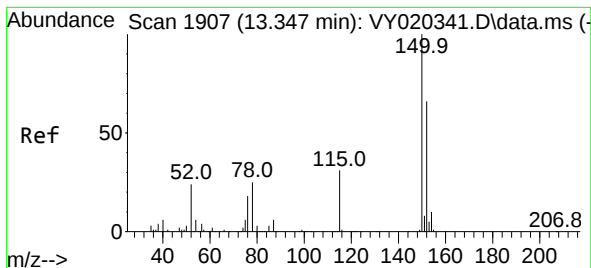
Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

Tgt Ion: 117	Resp:	2879
Ion Ratio	Lower	Upper
117	100	
82	53.8	48.2 72.4
119	29.2	25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

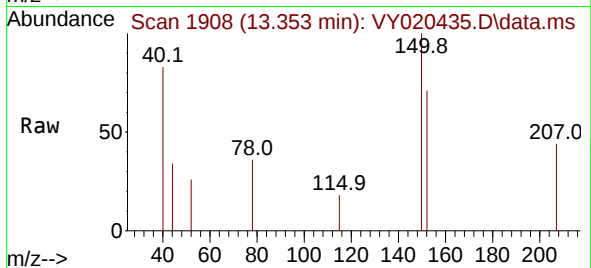
Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :



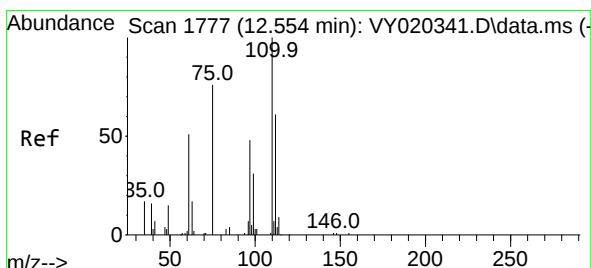
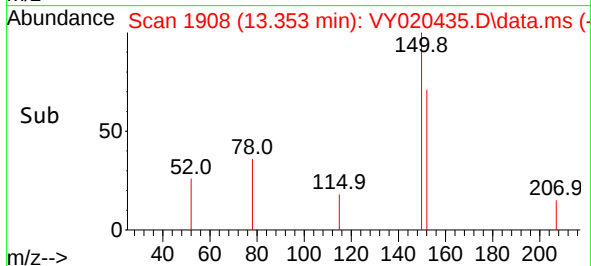
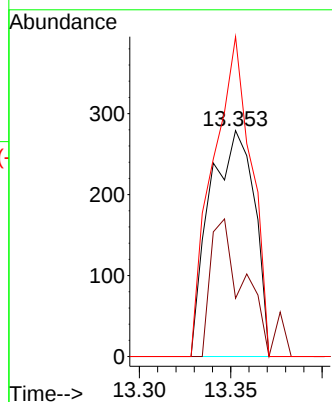
Tgt Ion:152 Resp: 474

Ion Ratio Lower Upper

152 100

115 48.5 30.0 90.0

150 122.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 82.147 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.134 min

Lab File: VY020435.D

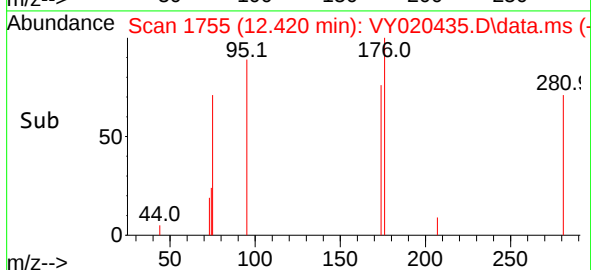
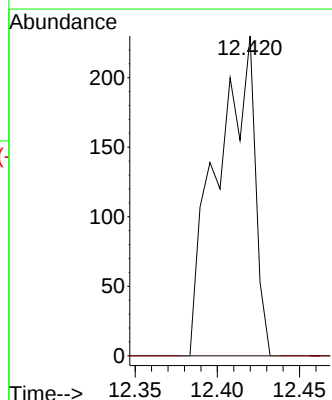
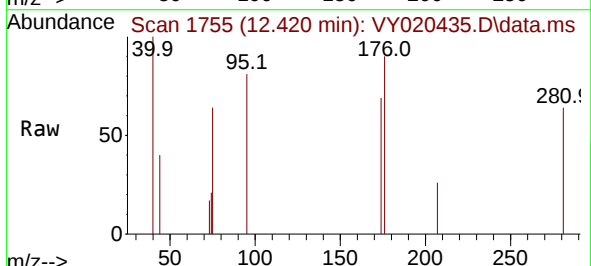
Acq: 25 Nov 2024 17:20

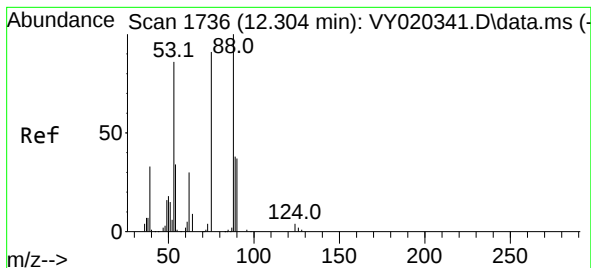
Tgt Ion: 75 Resp: 367

Ion Ratio Lower Upper

75 100

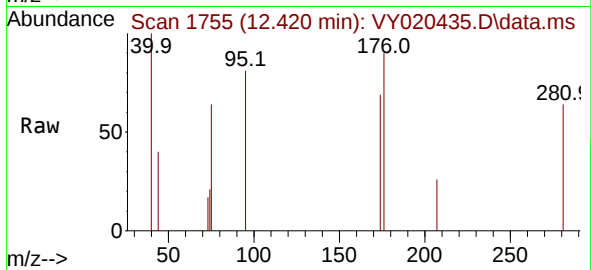
77 0.0 0.0 0.0



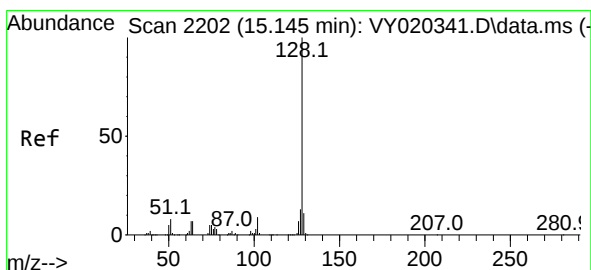
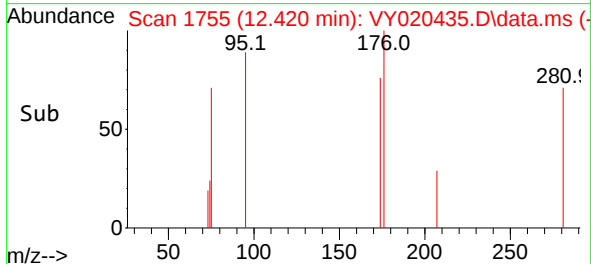
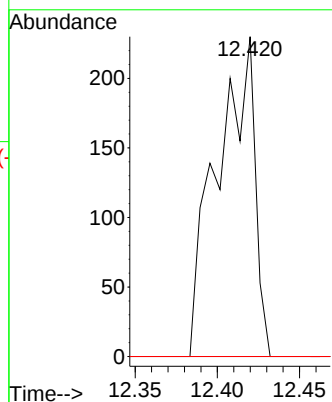


#81
trans-1,4-Dichloro-2-butene
Concen: 160.964 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.116 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 367
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 1.626 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

Tgt Ion: 128 Resp: 24
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#

