

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011242.D
 Acq On : 02 Nov 2022 00:23
 Operator : KP/MD
 Sample : N5336-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0-DUP

Quant Time: Nov 02 01:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

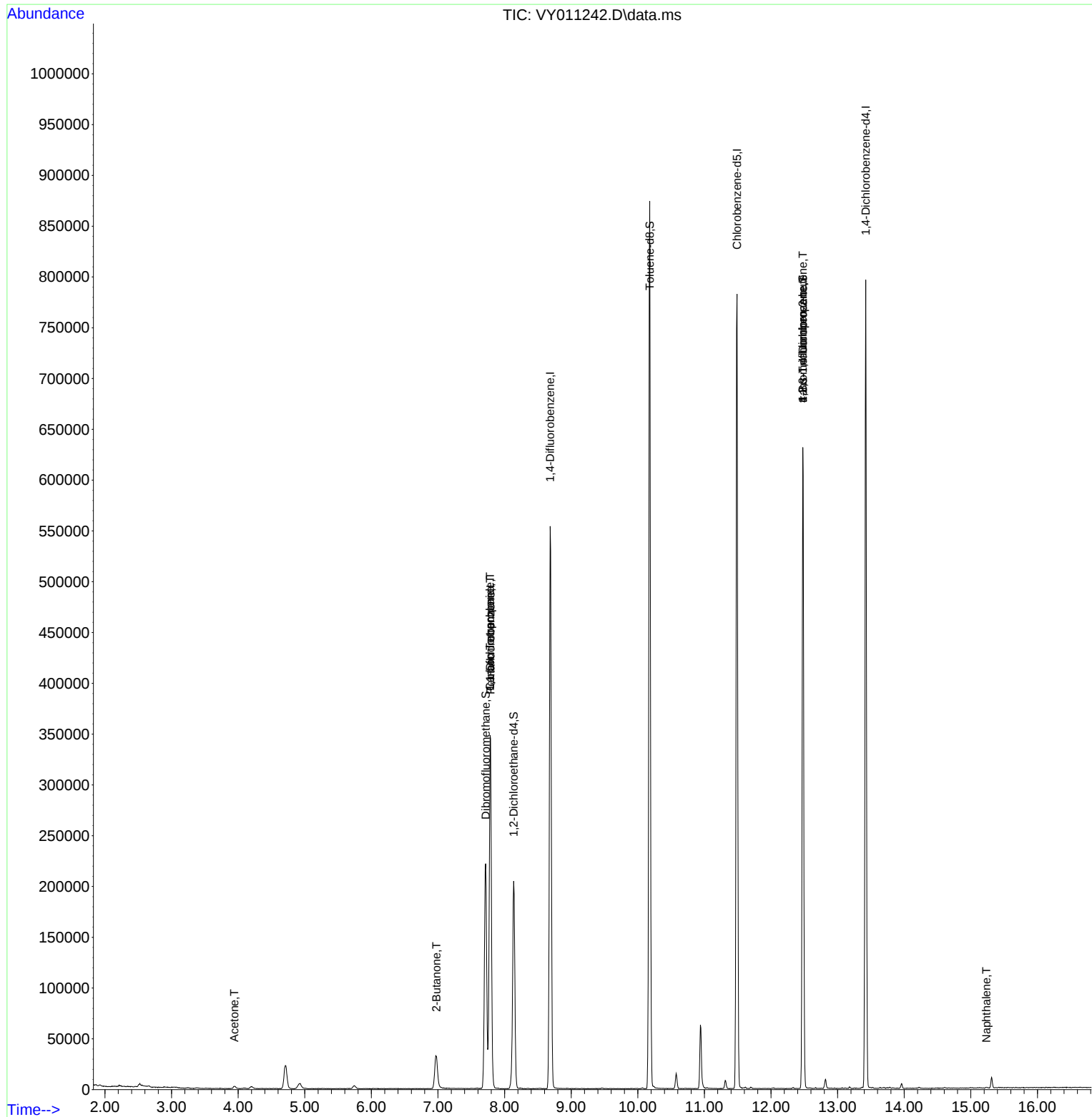
Internal Standards						
1) Pentafluorobenzene	7.789	168	273750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	494436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	449069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	155227	53.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.040%	
35) Dibromofluoromethane	7.716	113	162933	51.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.179	98	573377	46.488	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.980%	
62) 4-Bromofluorobenzene	12.477	95	200097	46.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	48	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	5224	Below Cal	#	80
16) Acetone	3.942	43	4085	4.622	ug/l	90
25) 2-Butanone	6.978	43	2286	1.838	ug/l	# 90
36) 1,1-Dichloropropene	7.783	75	20655	3.981	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	27402	5.091	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	98017	39.434	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	98017	84.395	ug/l	# 7
95) Naphthalene	15.233	128	754	4.045	ug/l	# 78

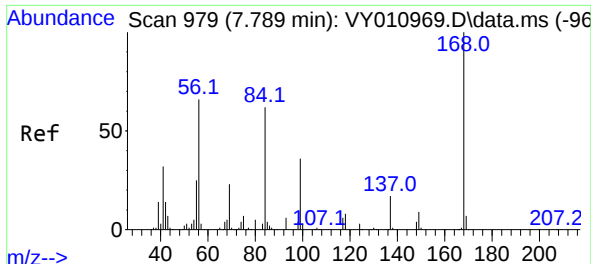
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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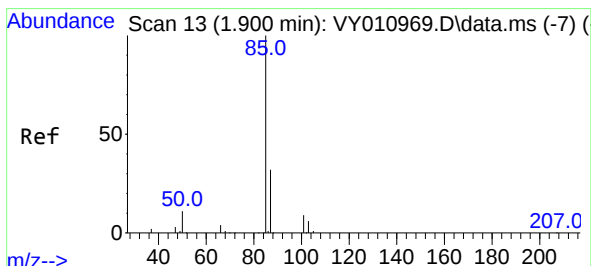
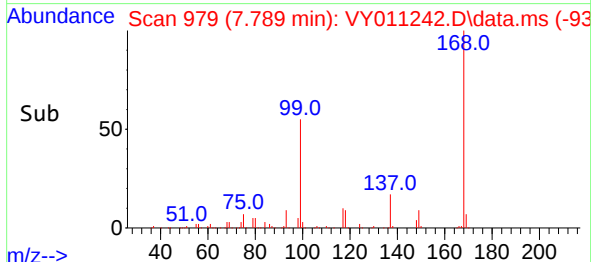
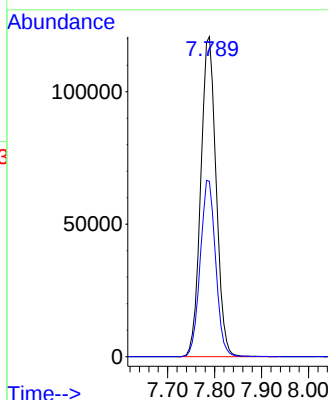
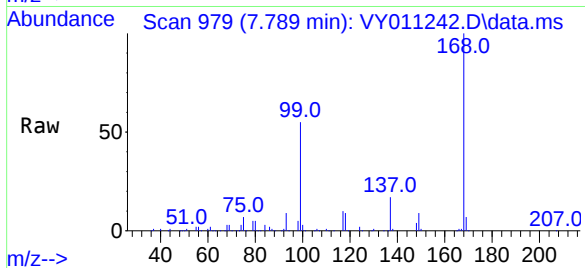




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

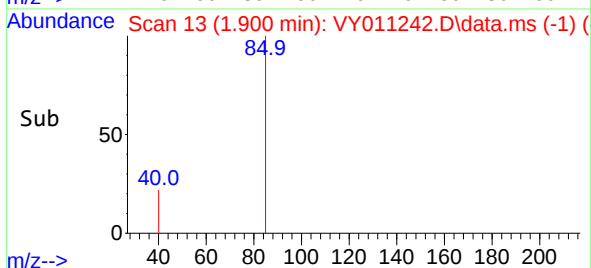
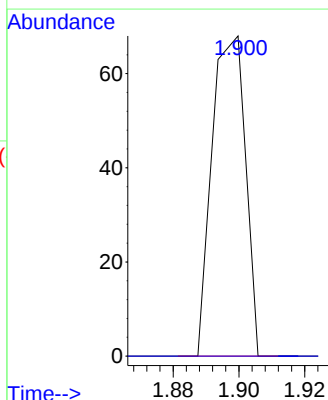
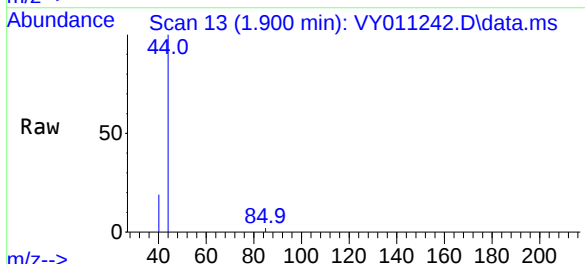
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

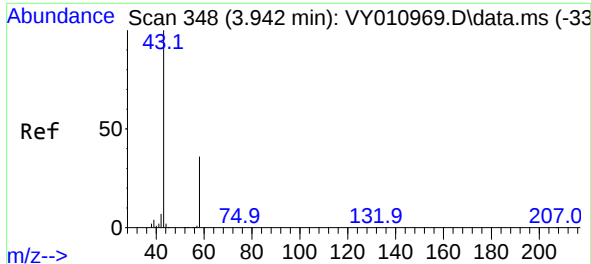
Tgt Ion:168 Resp: 273750
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 4.622 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011242.D

Acq: 02 Nov 2022 00:23

Instrument :

MSVOA_Y

ClientSampleId :

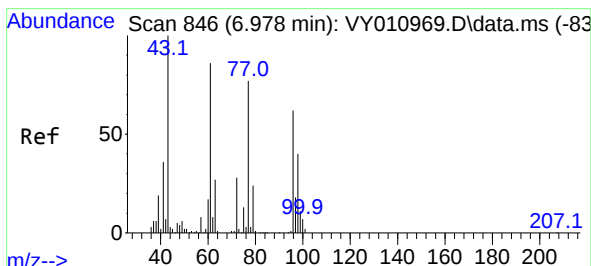
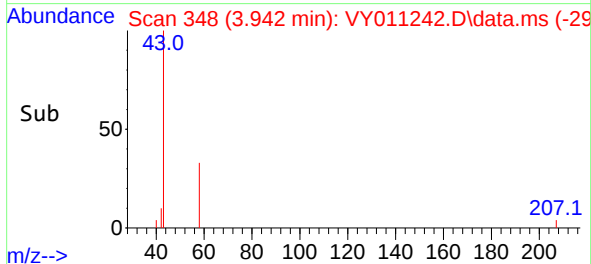
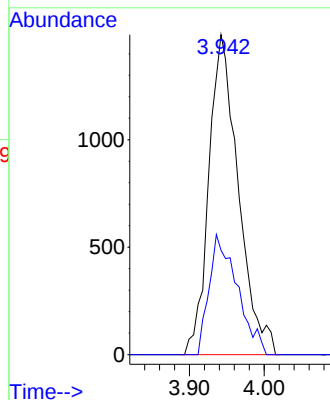
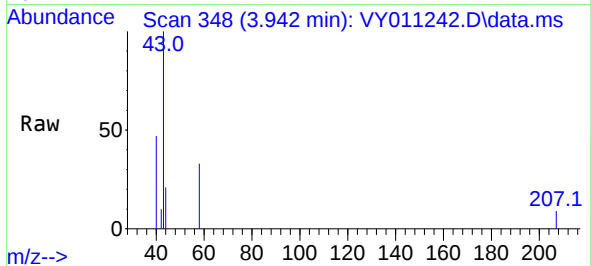
SB-01-16.5-17.0-DUP

Tgt Ion: 43 Resp: 4085

Ion Ratio Lower Upper

43 100

58 32.6 22.0 33.0



#25

2-Butanone

Concen: 1.838 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011242.D

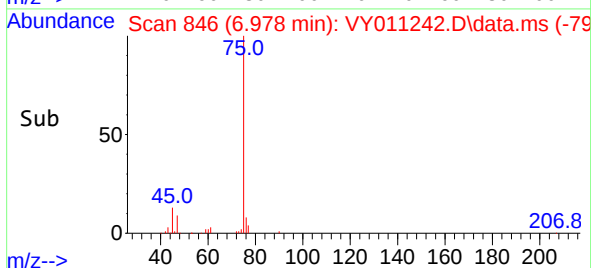
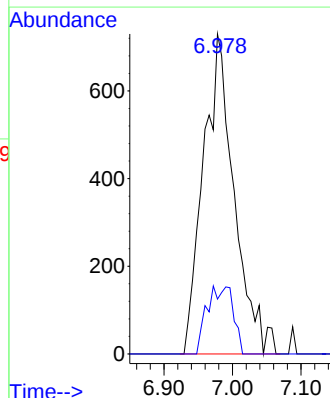
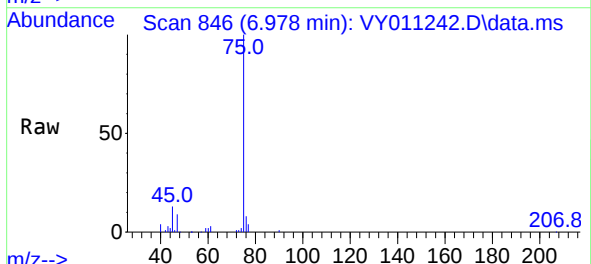
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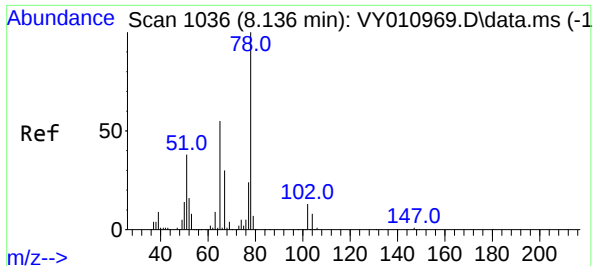
Tgt Ion: 43 Resp: 2286

Ion Ratio Lower Upper

43 100

72 17.1 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 53.019 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011242.D

Acq: 02 Nov 2022 00:23

Instrument :

MSVOA_Y

ClientSampleId :

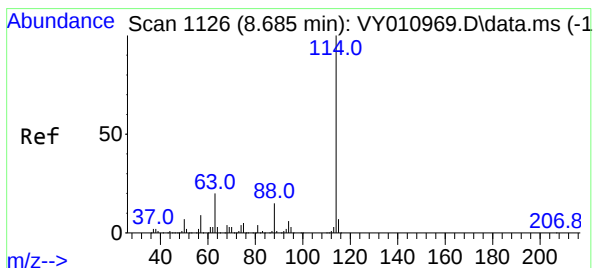
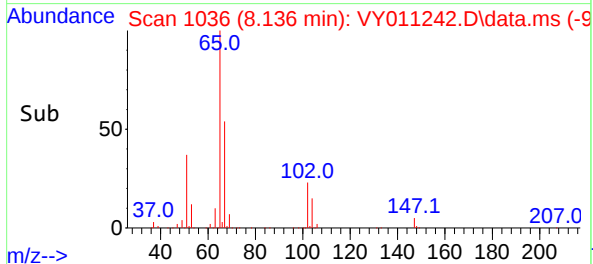
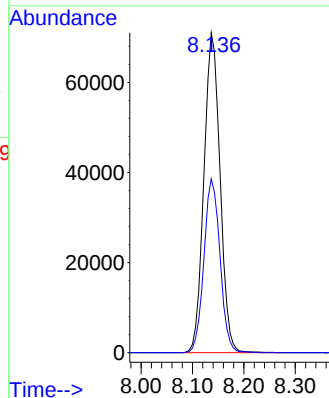
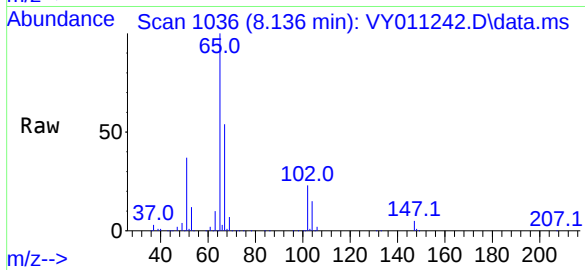
SB-01-16.5-17.0-DUP

Tgt Ion: 65 Resp: 155227

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011242.D

Acq: 02 Nov 2022 00:23

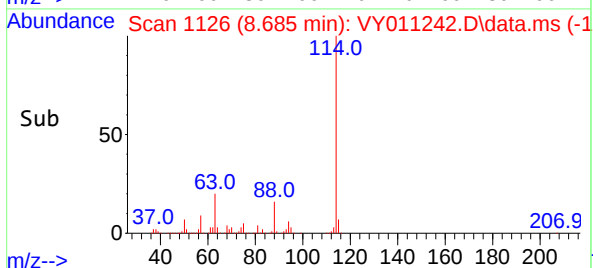
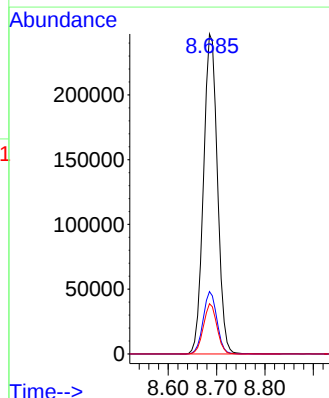
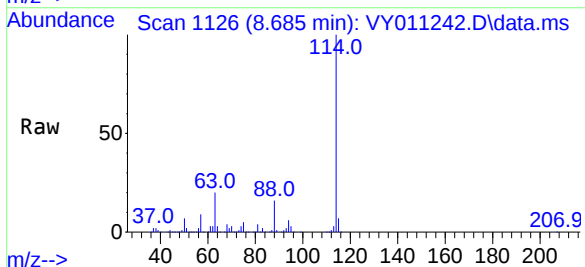
Tgt Ion: 114 Resp: 494436

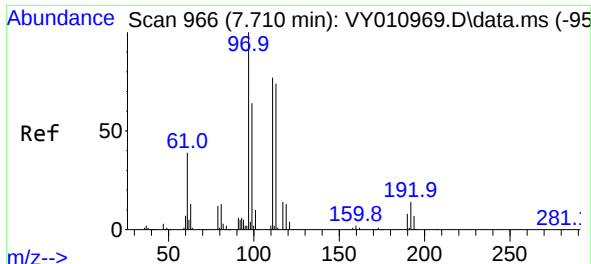
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.7 0.0 31.8

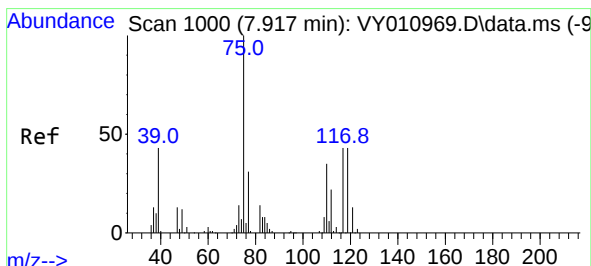
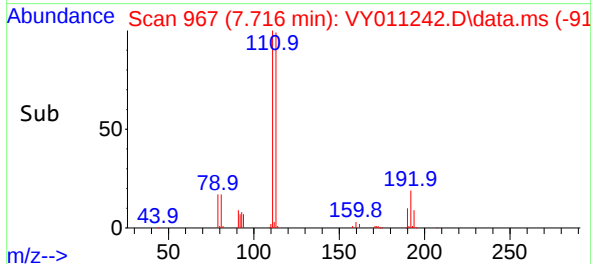
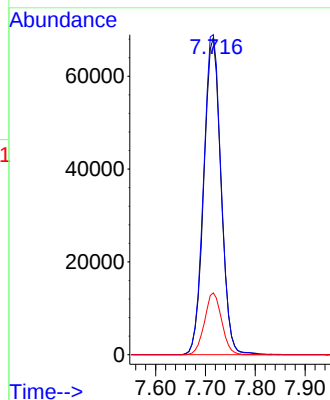
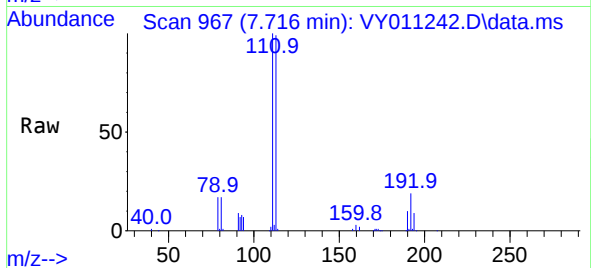




#35
Dibromofluoromethane
Concen: 51.289 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

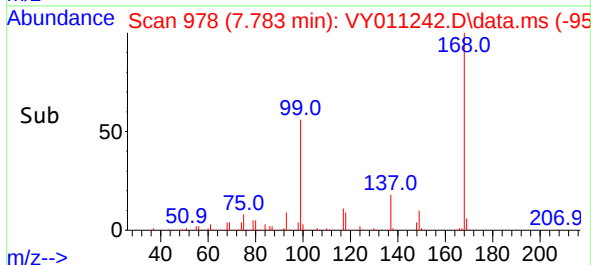
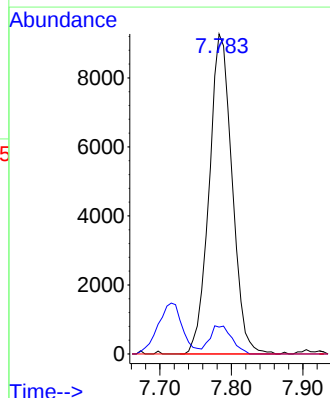
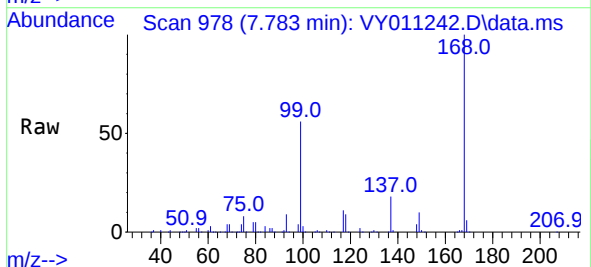
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

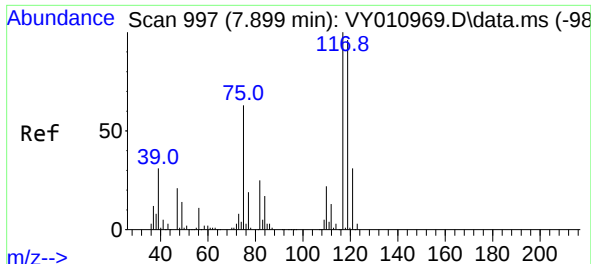
Tgt Ion:113 Resp: 162933
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.981 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion: 75 Resp: 20655
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

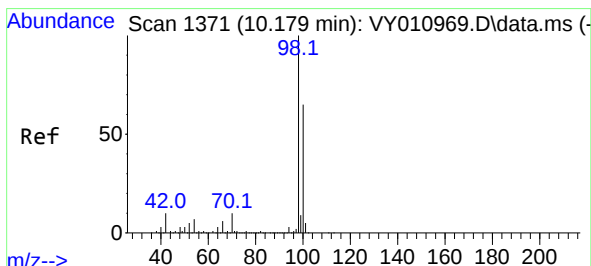
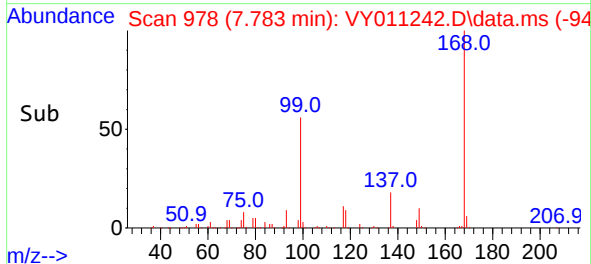
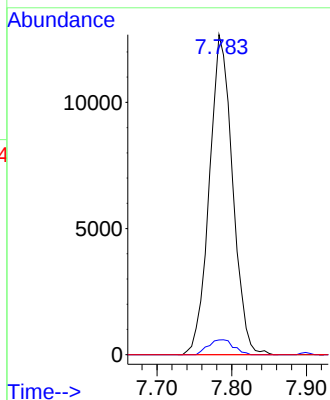
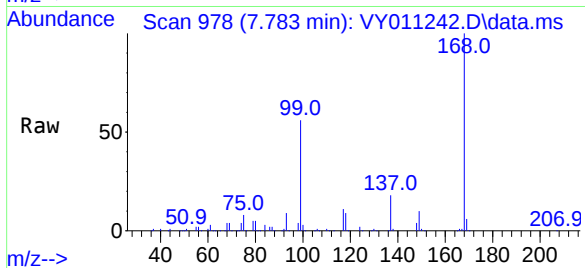




#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

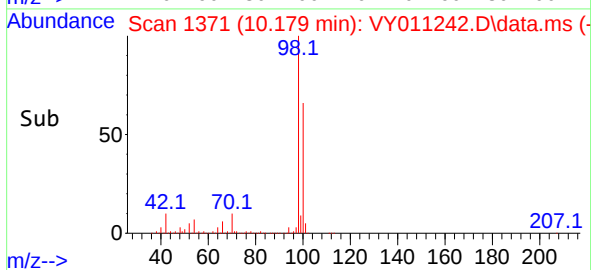
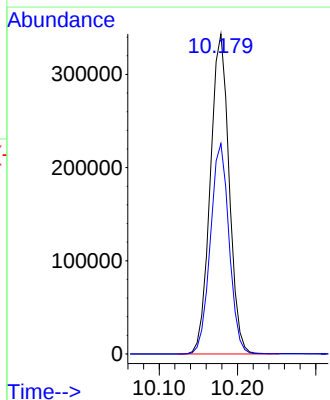
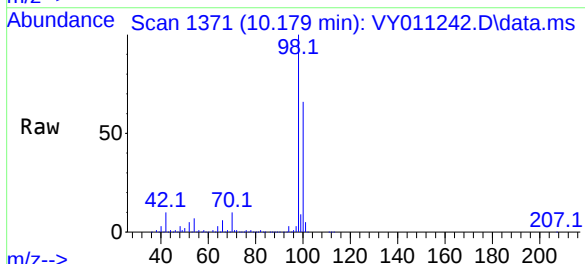
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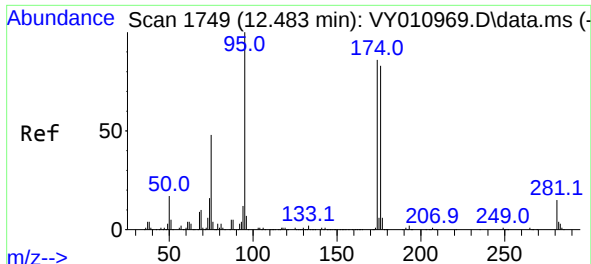
Tgt Ion:117 Resp: 27402
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.488 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion: 98 Resp: 573377
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

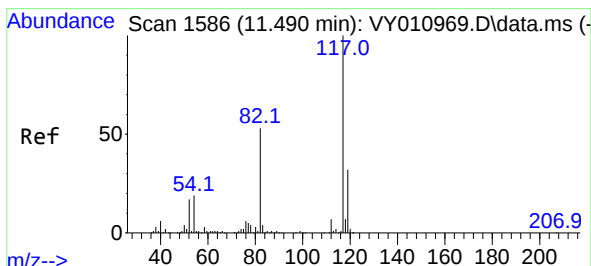
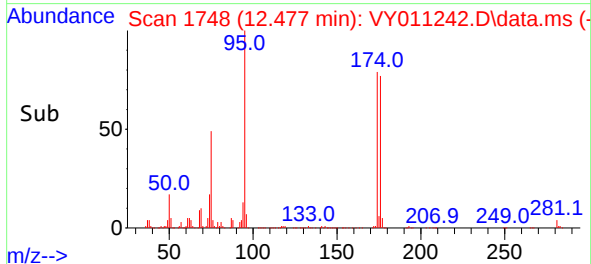
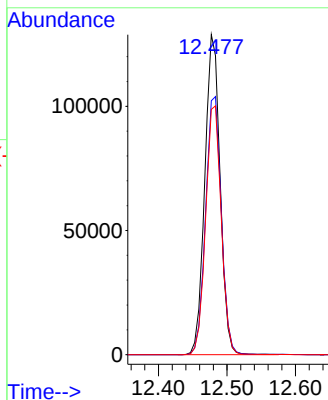
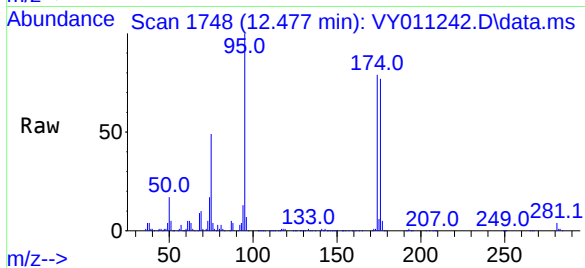




#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

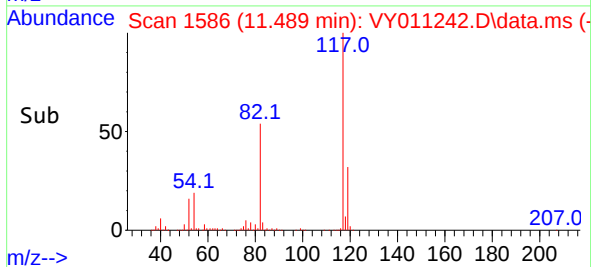
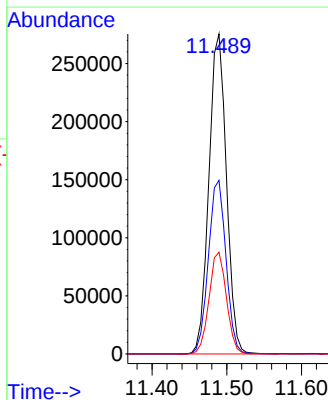
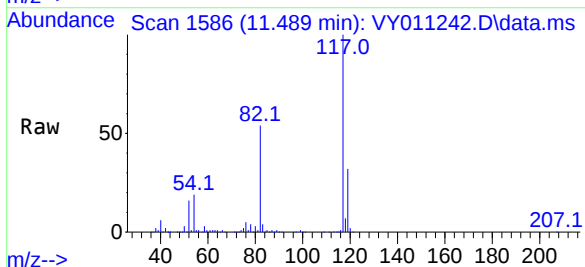
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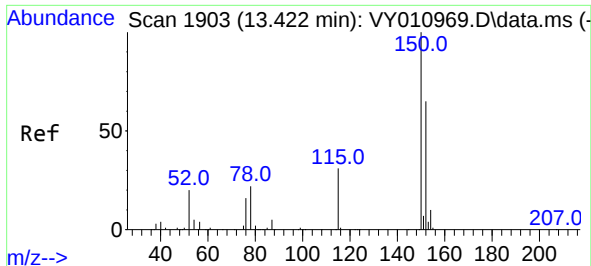
Tgt Ion: 95 Resp: 200097
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion: 117 Resp: 449069
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.8 25.4 38.0

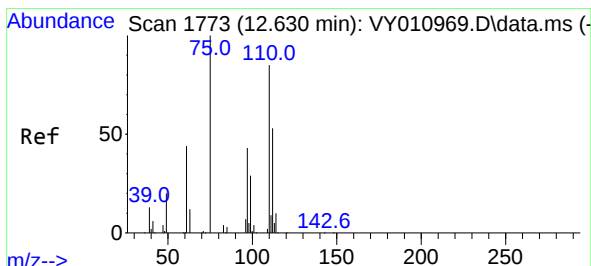
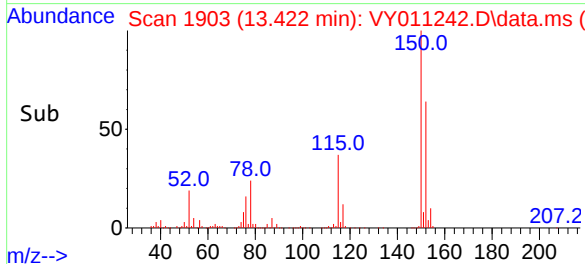
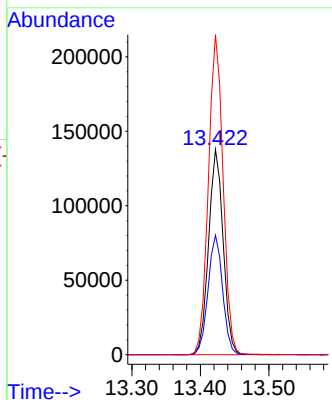
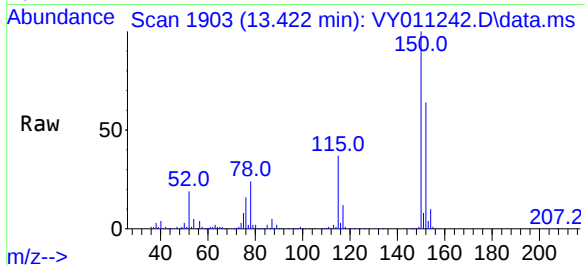




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

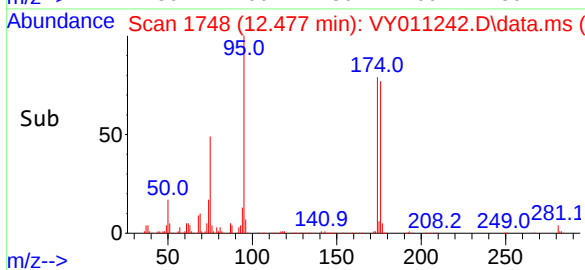
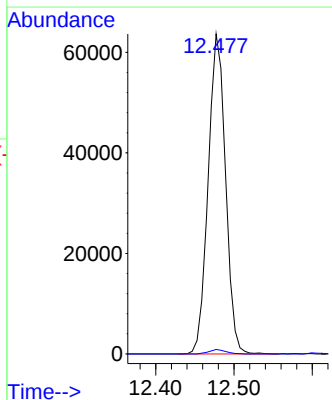
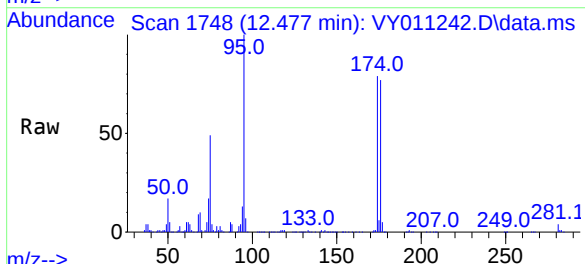
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

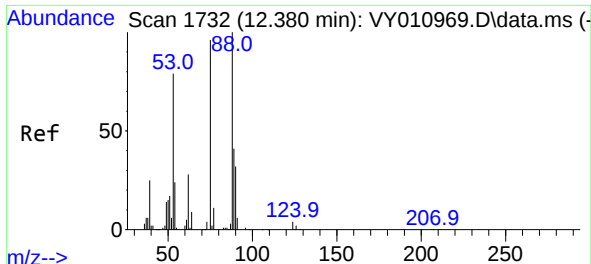
Tgt Ion:152 Resp: 204168
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.434 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion: 75 Resp: 98017
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

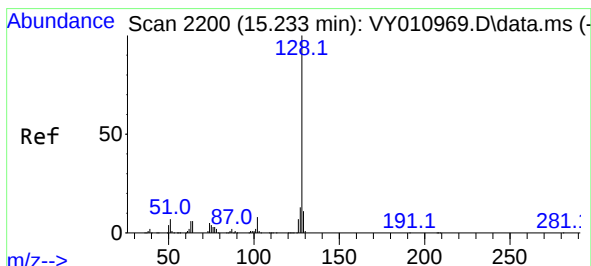
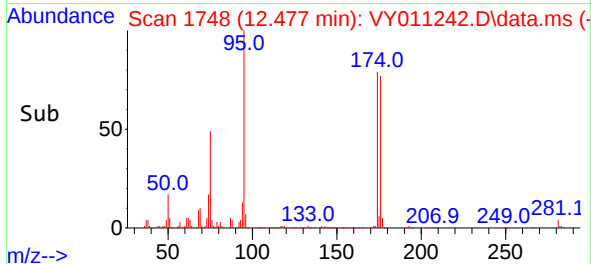
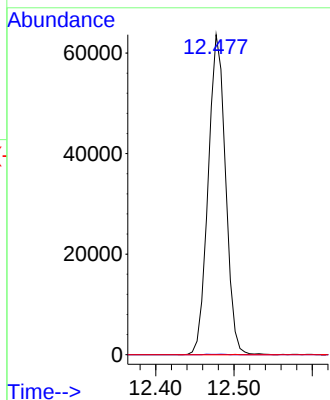
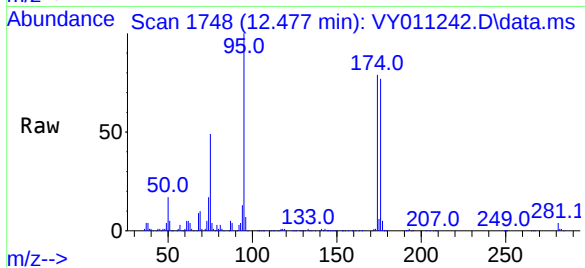




#81
trans-1,4-Dichloro-2-butene
Concen: 84.395 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

Tgt Ion: 75 Resp: 98017
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.045 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion:128 Resp: 754
Ion Ratio Lower Upper
128 100
127 6.6 11.0 16.4#
129 0.0 8.4 12.6#

