

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011701.D
 Acq On : 05 Dec 2022 17:02
 Operator : KP/MD
 Sample : N5870-02RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-2RE

Quant Time: Dec 06 00:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

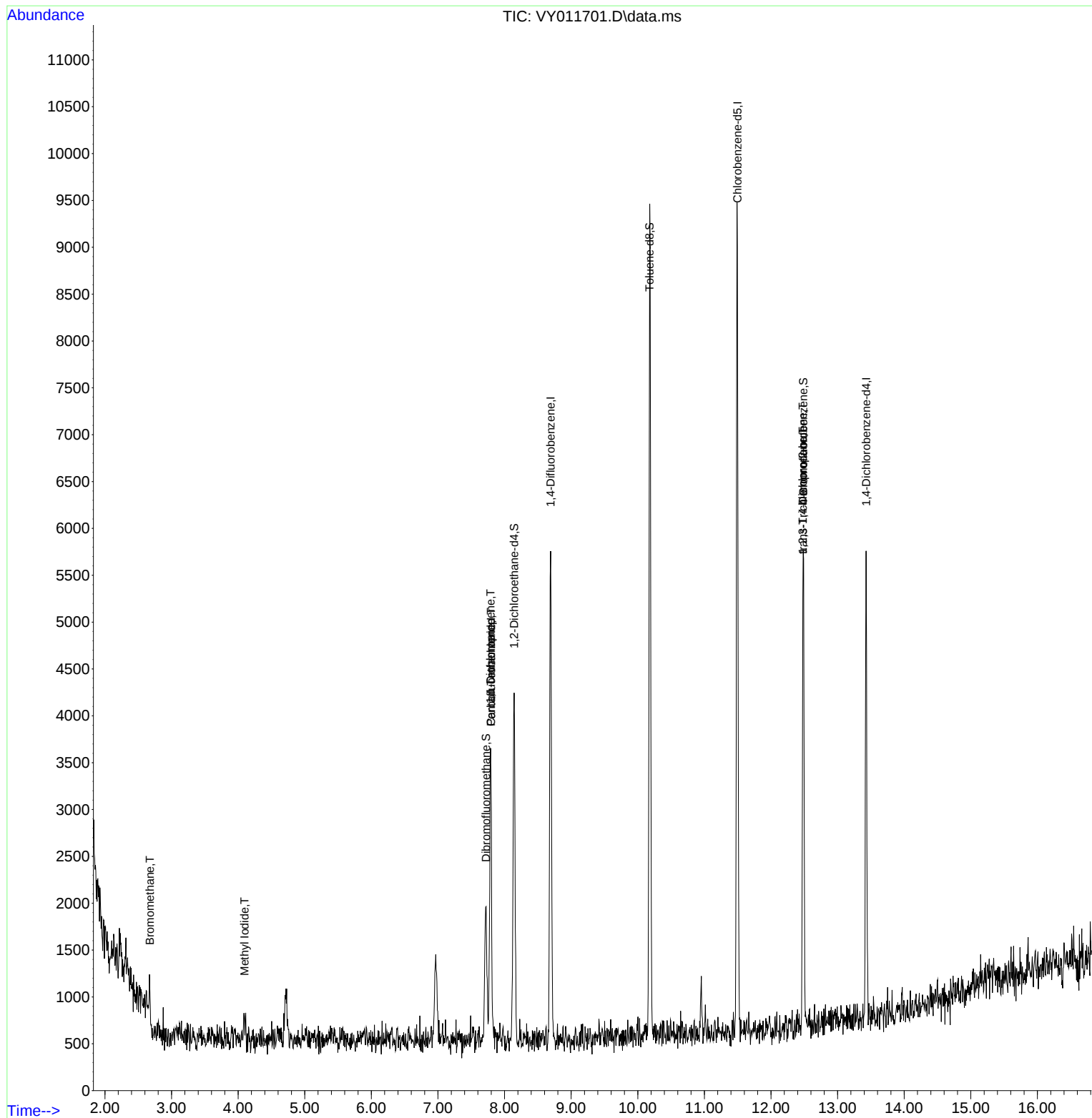
Internal Standards						
1) Pentafluorobenzene	7.795	168	2945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	5271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2936	98.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.360%#	
35) Dibromofluoromethane	7.722	113	1254	38.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.300%	
50) Toluene-d8	10.179	98	6216	52.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.483	95	1779	40.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	104	Below Cal	#	44
5) Bromomethane	2.674	94	110	1.282	ug/l	86
10) Methyl Iodide	4.095	142	359	10.906	ug/l	# 60
20) Methylene Chloride	4.716	84	209	Below Cal	#	76
36) 1,1-Dichloropropene	7.789	75	115	2.267	ug/l	# 42
38) Carbon Tetrachloride	7.795	117	173	3.049	ug/l	# 11
76) 1,2,3-Trichloropropane	12.477	75	987	57.605	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	987	126.174	ug/l	# 7

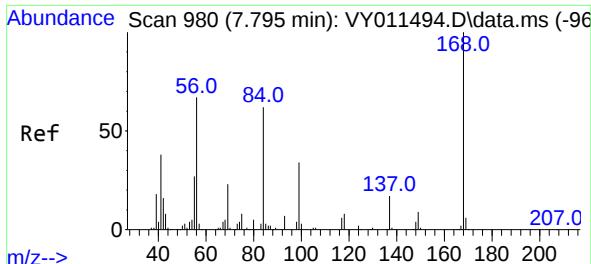
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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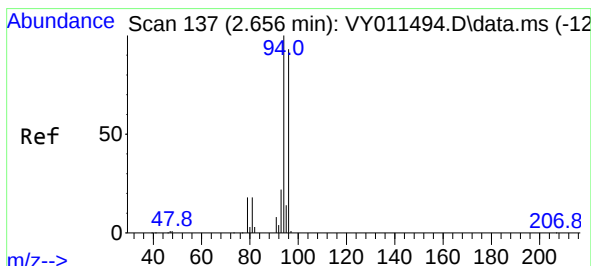
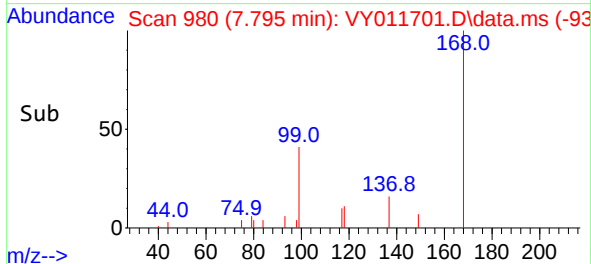
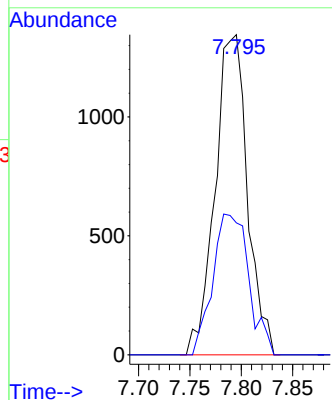
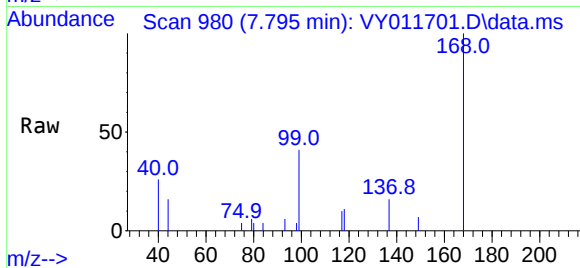




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

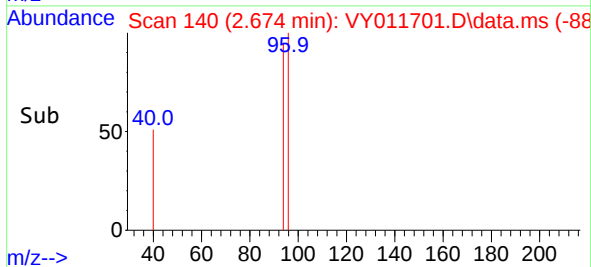
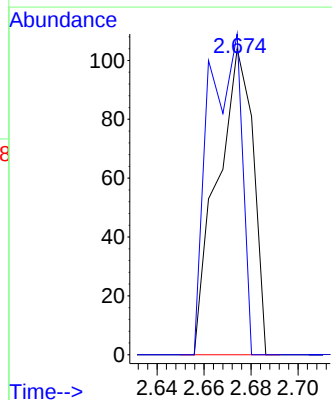
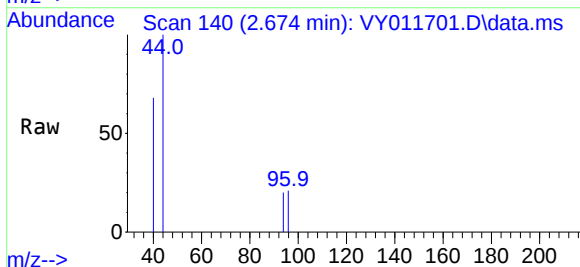
Instrument :
MSVOA_Y
ClientSampleId :
ML-2RE

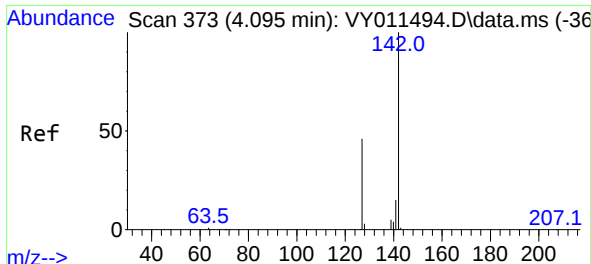
Tgt Ion:168 Resp: 2945
Ion Ratio Lower Upper
168 100
99 41.2 46.9 70.3#



#5
Bromomethane
Concen: 1.282 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 104.8 73.5 110.3

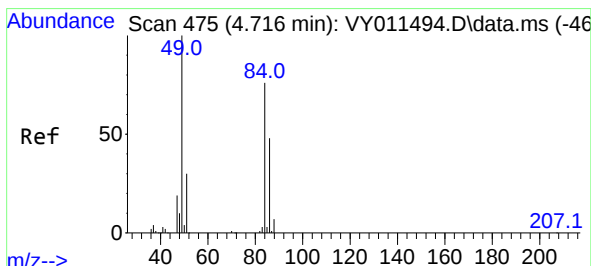
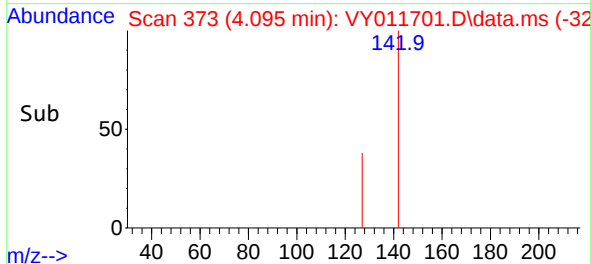
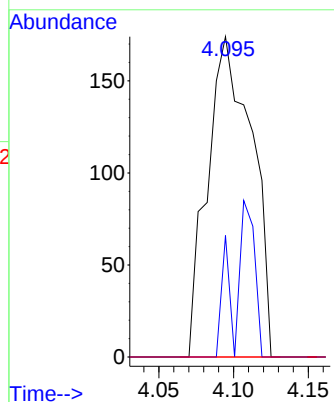
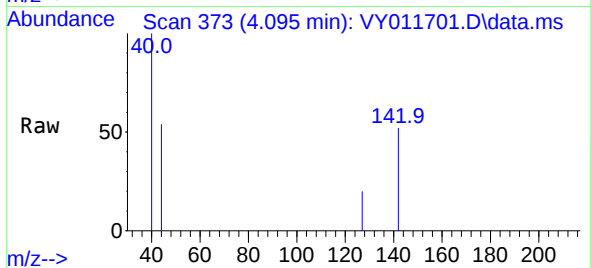




#10
Methyl Iodide
Concen: 10.906 ug/l
RT: 4.095 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

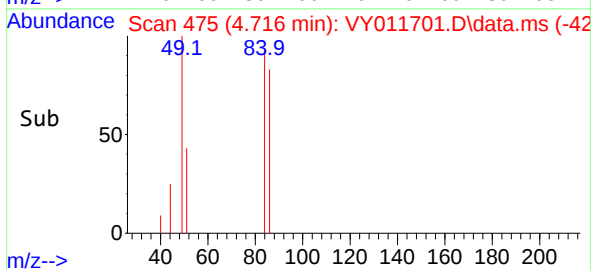
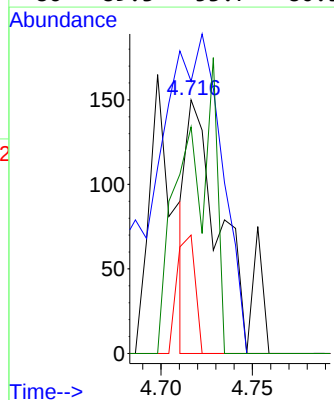
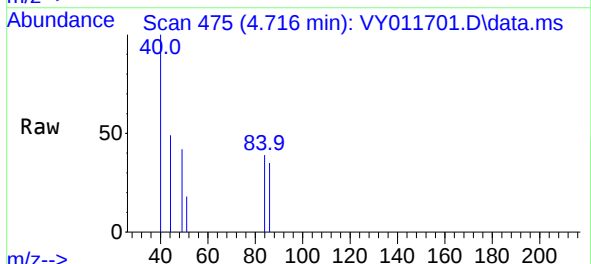
Instrument :
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ClientSampleId :
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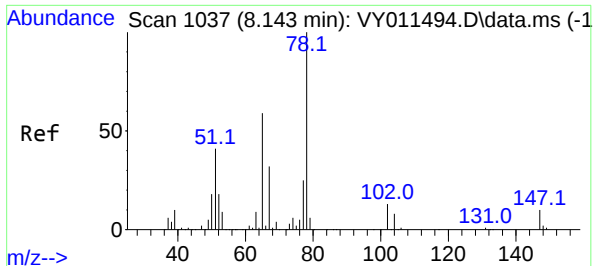
Tgt Ion:142 Resp: 359
Ion Ratio Lower Upper
142 100
127 22.6 41.5 62.3#
141 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion: 84 Resp: 209
Ion Ratio Lower Upper
84 100
49 107.3 114.4 171.6#
51 46.7 35.3 52.9
86 89.3 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 98.183 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011701.D

Acq: 05 Dec 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

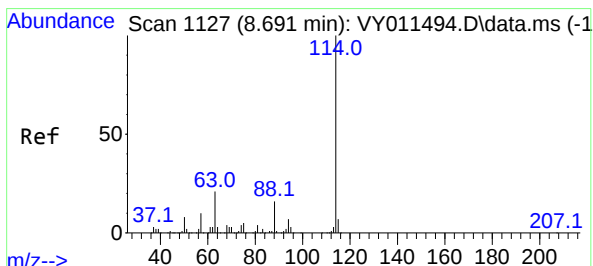
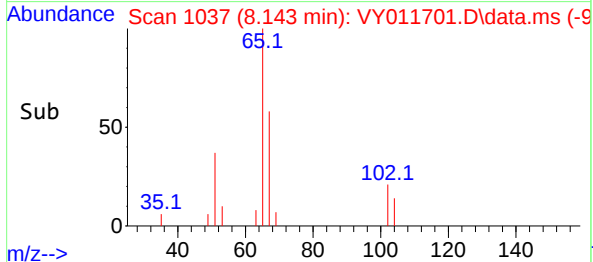
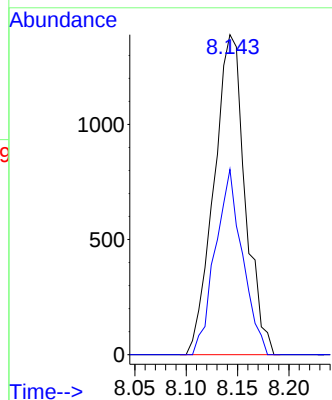
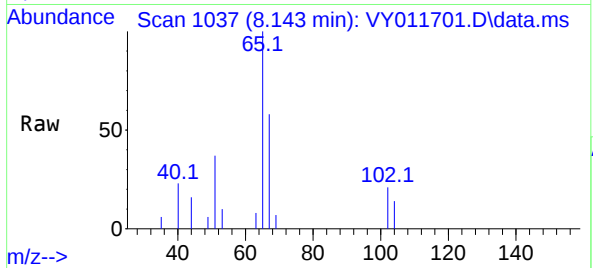
ML-2RE

Tgt Ion: 65 Resp: 2936

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011701.D

Acq: 05 Dec 2022 17:02

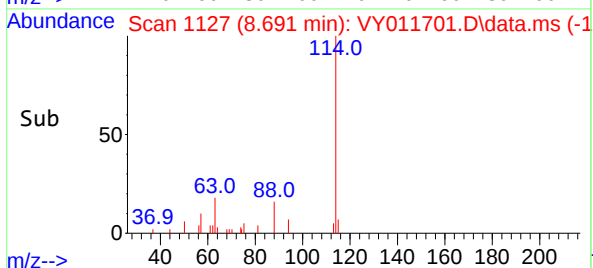
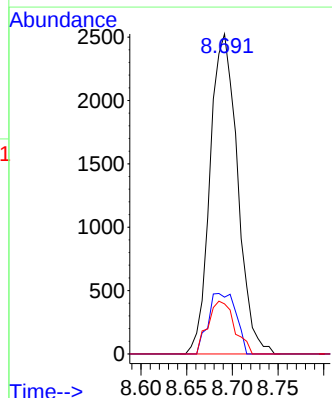
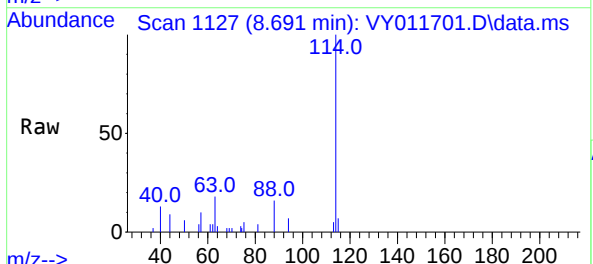
Tgt Ion: 114 Resp: 5271

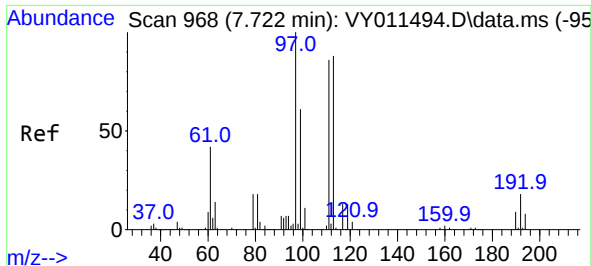
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.6 0.0 31.8

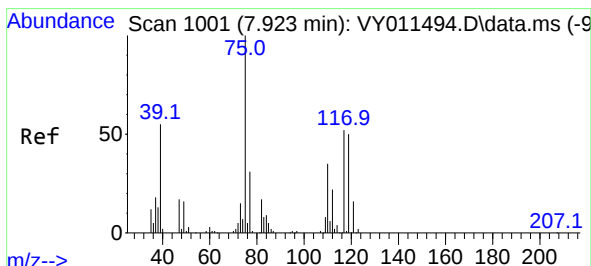
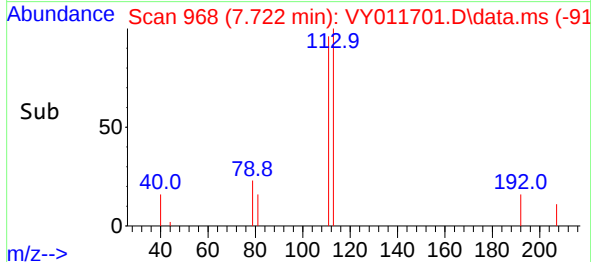
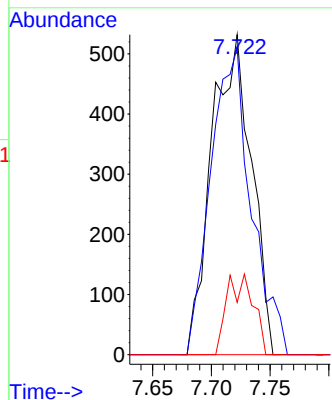
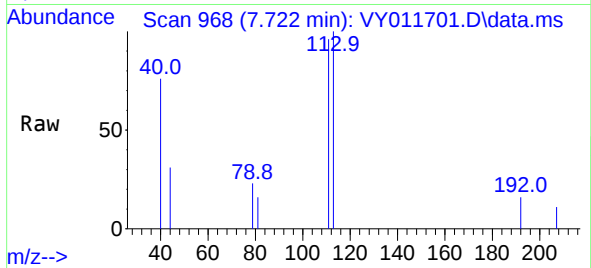




#35
Dibromofluoromethane
Concen: 38.647 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

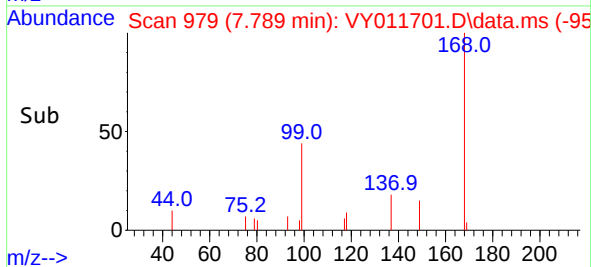
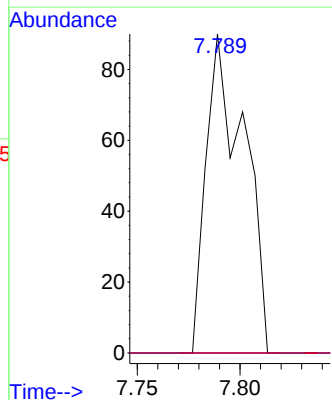
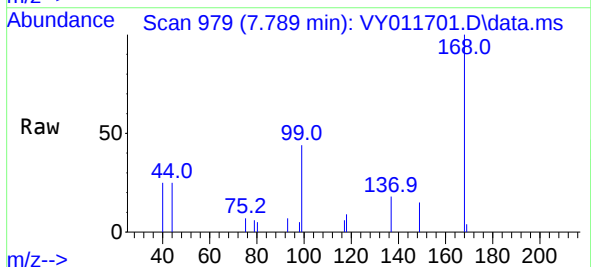
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ClientSampleId :
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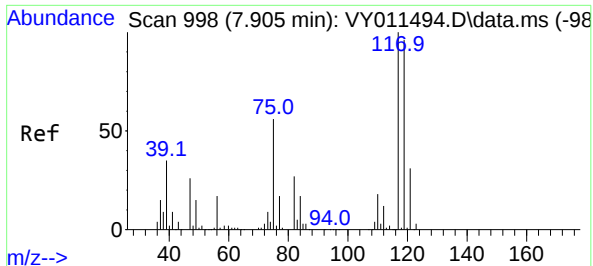
Tgt Ion:113 Resp: 1254
Ion Ratio Lower Upper
113 100
111 96.9 82.6 124.0
192 16.6 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 2.267 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion: 75 Resp: 115
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

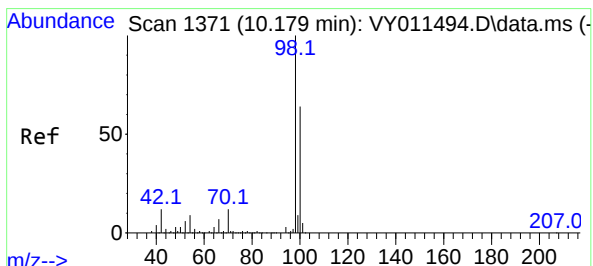
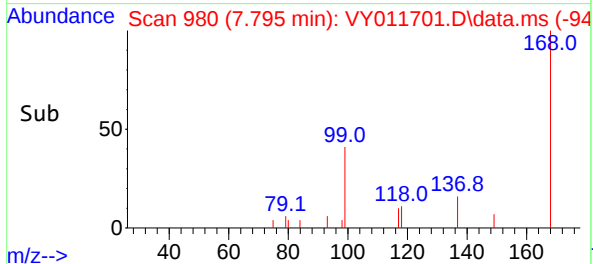
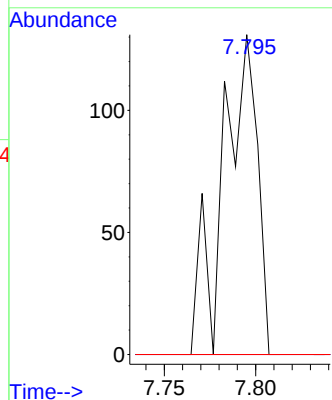
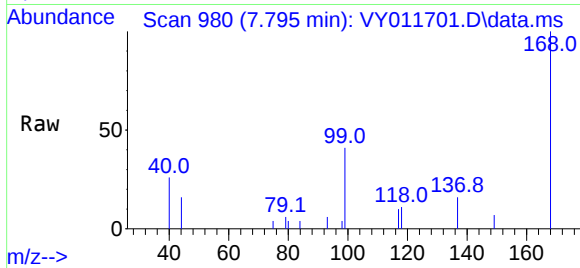




#38
Carbon Tetrachloride
Concen: 3.049 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

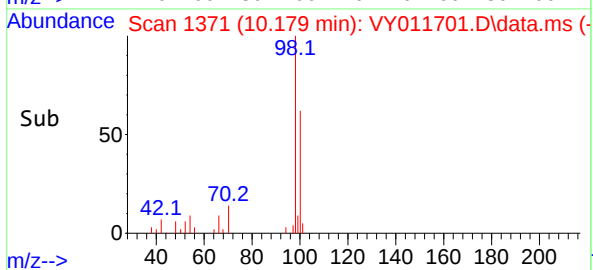
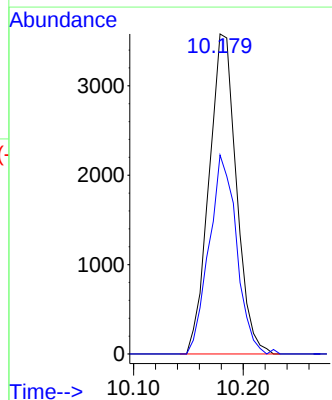
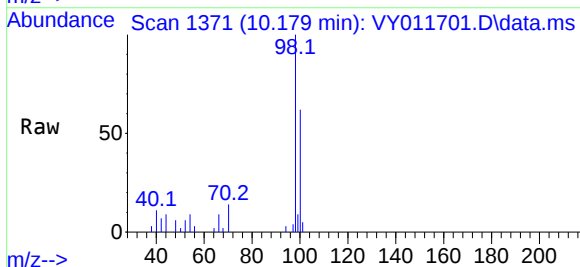
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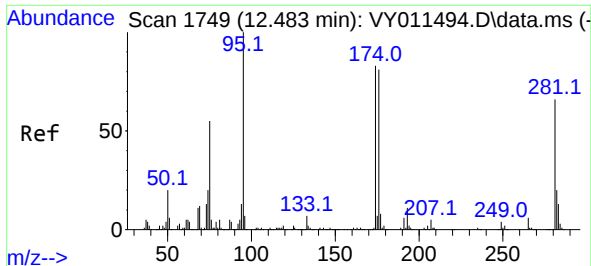
Tgt Ion:117 Resp: 173
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.717 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion: 98 Resp: 6216
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2

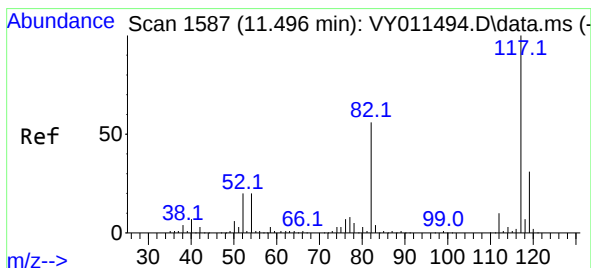
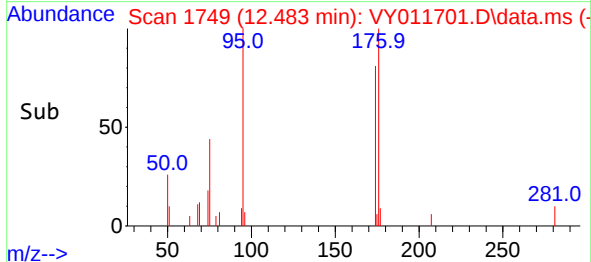
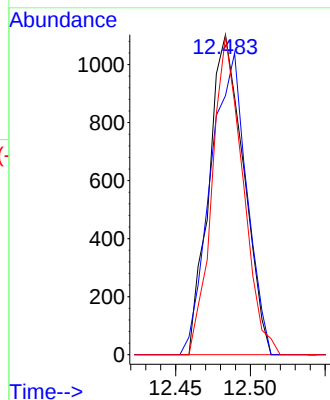
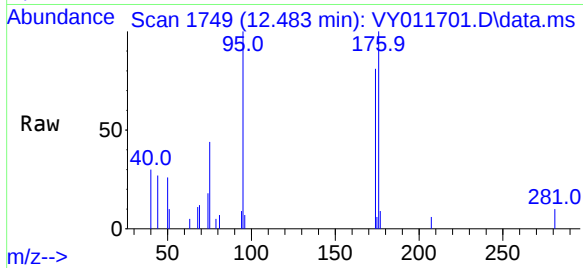




#62
4-Bromofluorobenzene
Concen: 40.807 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

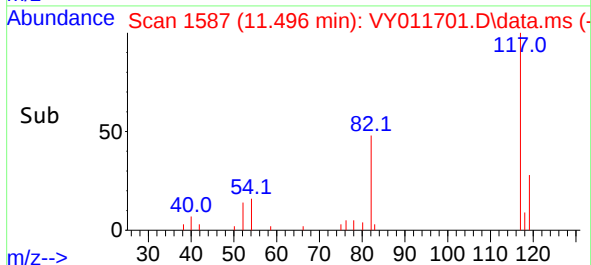
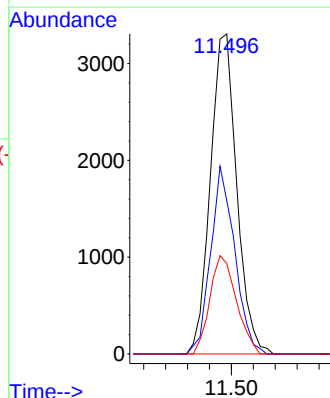
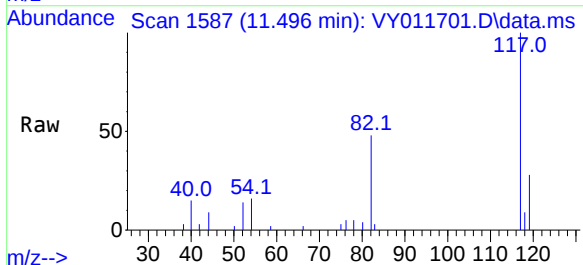
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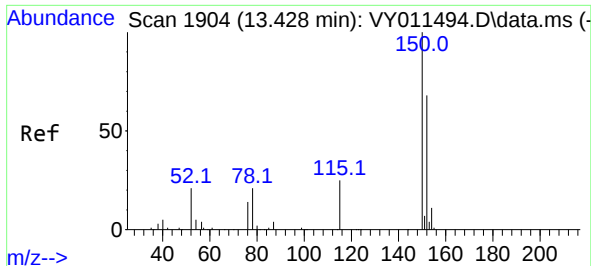
Tgt Ion: 95 Resp: 1779
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 88.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion: 117 Resp: 5517
Ion Ratio Lower Upper
117 100
82 48.0 43.0 64.4
119 28.3 25.4 38.0

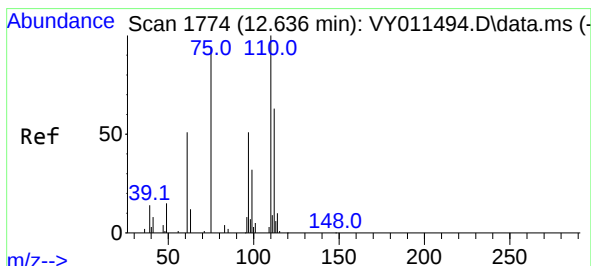
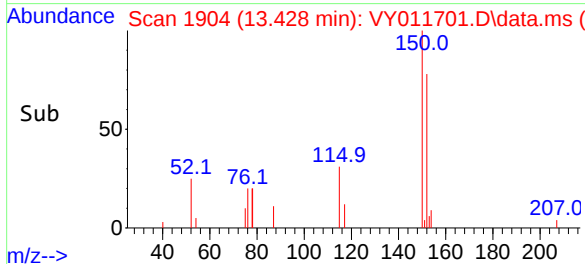
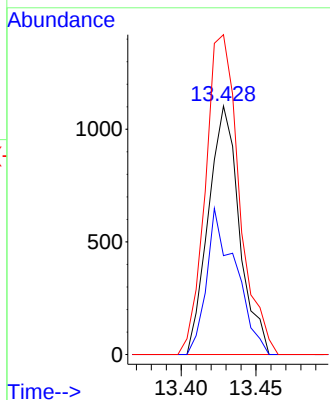
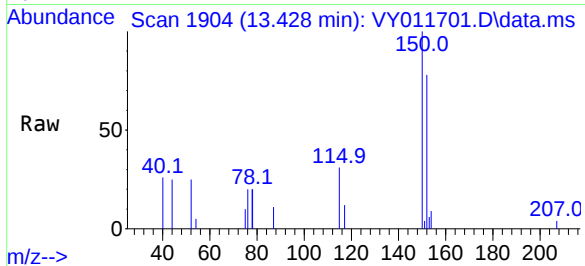




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VY011701.D
 Acq: 05 Dec 2022 17:02

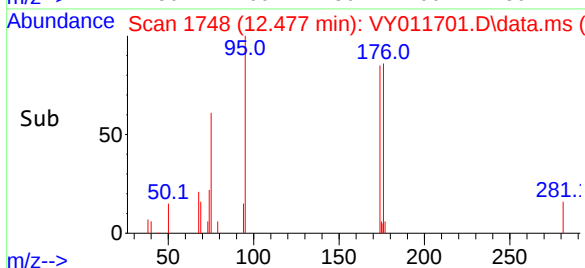
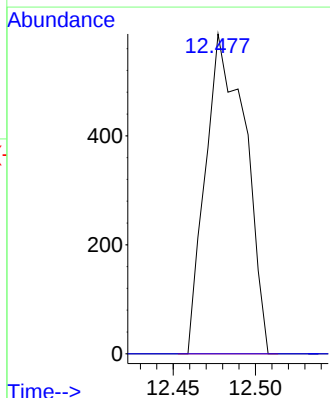
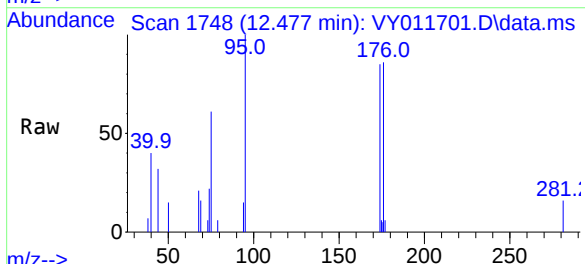
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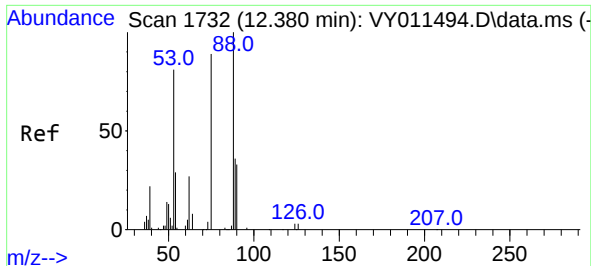
Tgt Ion:152 Resp: 1591
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 140.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 57.605 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY011701.D
 Acq: 05 Dec 2022 17:02

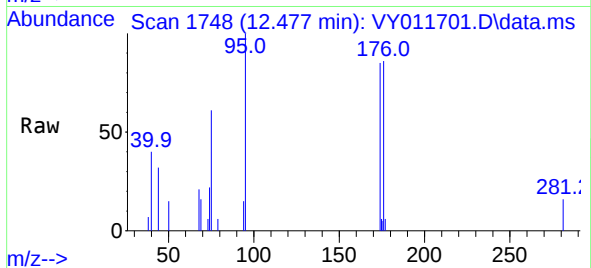
Tgt Ion: 75 Resp: 987
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.174 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011701.D
 Acq: 05 Dec 2022 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-2RE



Tgt Ion: 75 Resp: 987

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

