

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011625.D
 Acq On : 29 Nov 2022 16:20
 Operator : KP/MD
 Sample : N5787-05RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

Quant Time: Nov 30 04:44:18 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)

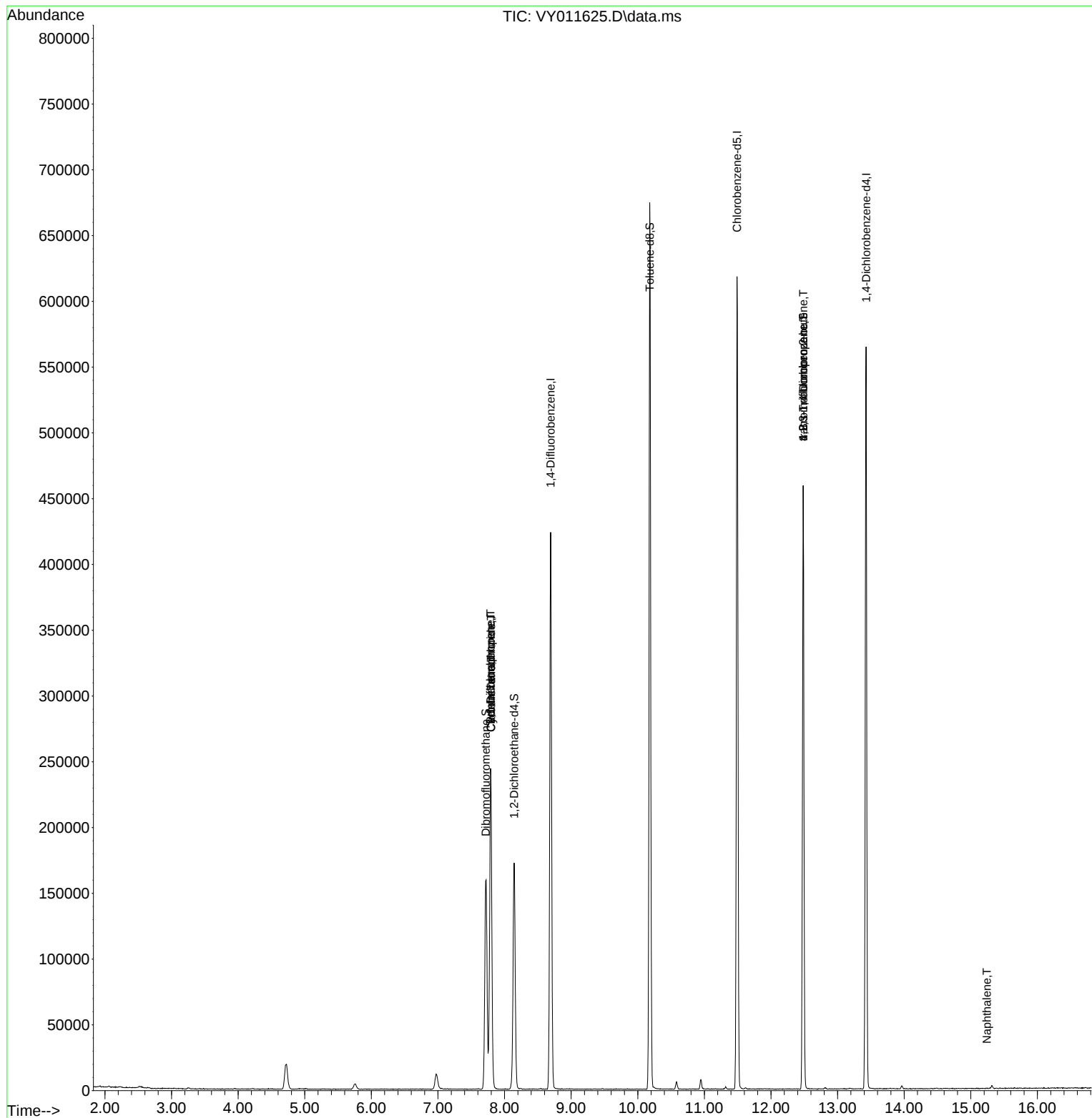
Internal Standards						
1) Pentafluorobenzene	7.789	168	183512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	132562	71.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.280%	
35) Dibromofluoromethane	7.716	113	114071	53.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.179	98	427714	55.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.420%	
62) 4-Bromofluorobenzene	12.483	95	134117	46.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	97	Below Cal	#	43
3) Chloromethane	2.119	50	125	Below Cal	#	52
5) Bromomethane	2.674	94	113	Below Cal	#	4
11) Tert butyl alcohol	4.930	59	317	Below Cal	#	77
18) Methyl Acetate	4.485	43	271	Below Cal	#	56
20) Methylene Chloride	4.723	84	14759	Below Cal		90
31) Cyclohexane	7.795	56	4203	1.361	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14935	4.481	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18989	5.093	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	70508	46.360	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70508	101.545	ug/l #	7
95) Naphthalene	15.239	128	51	4.030	ug/l #	69

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

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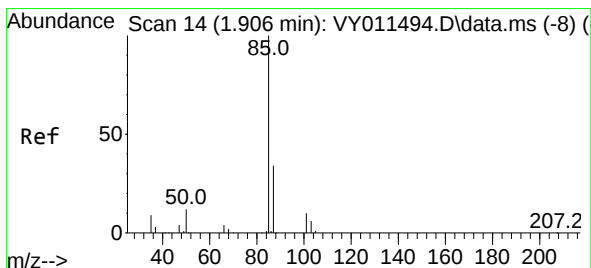
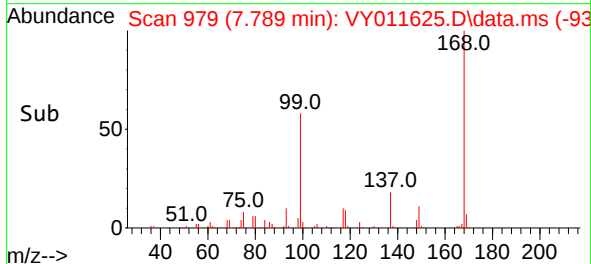
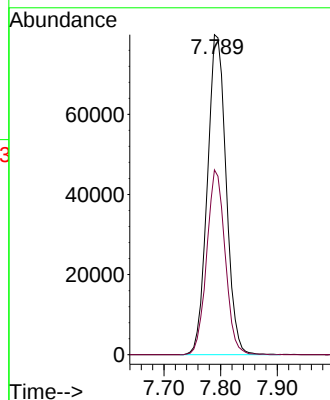
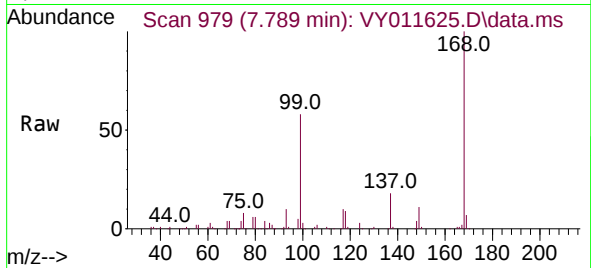




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

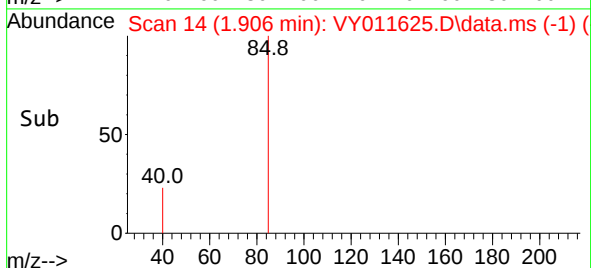
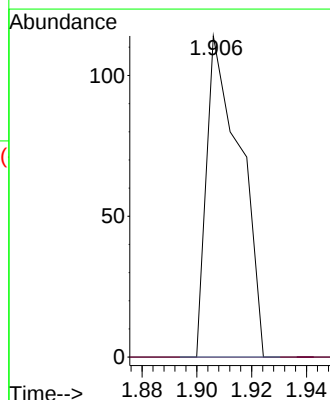
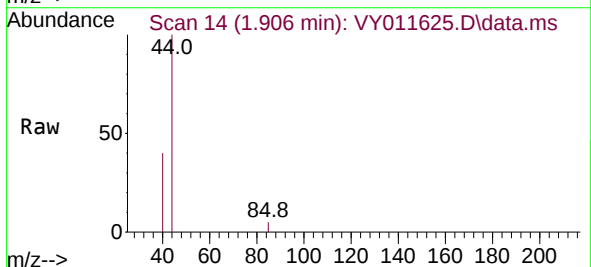
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

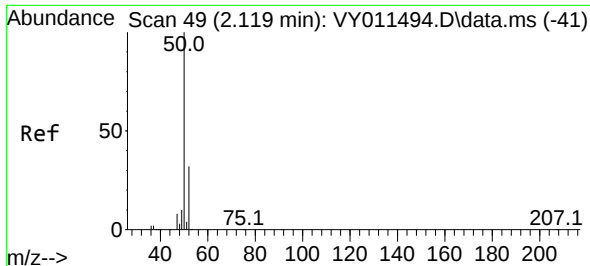
Tgt Ion:168 Resp: 183512
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion: 85 Resp: 97
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

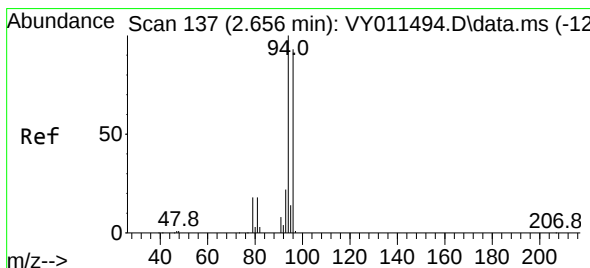
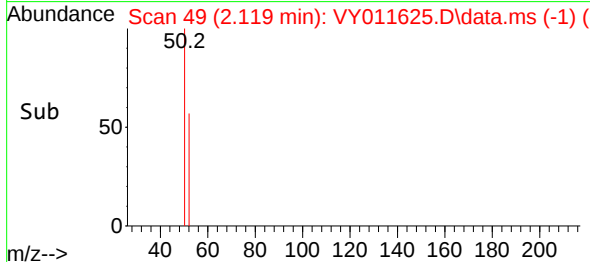
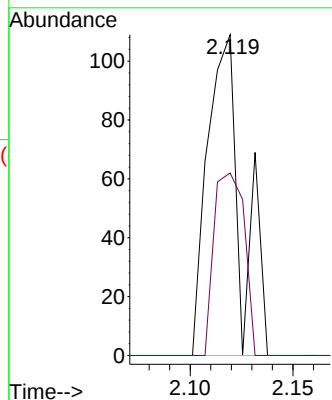
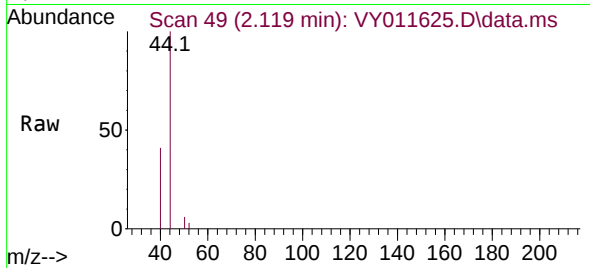




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

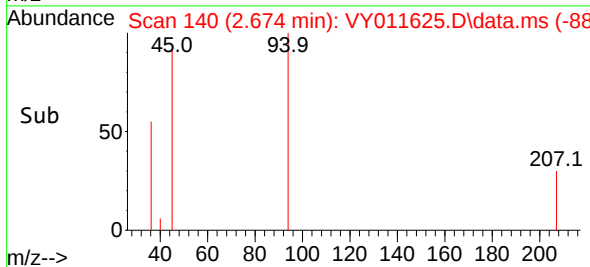
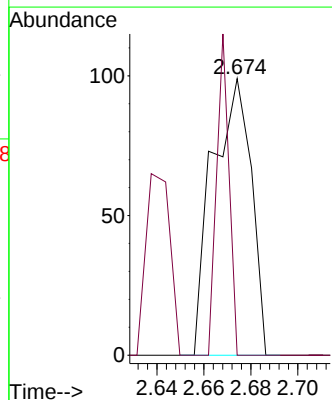
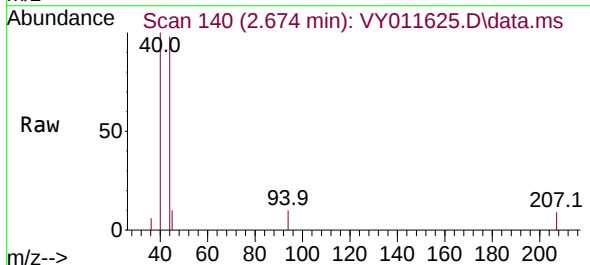
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

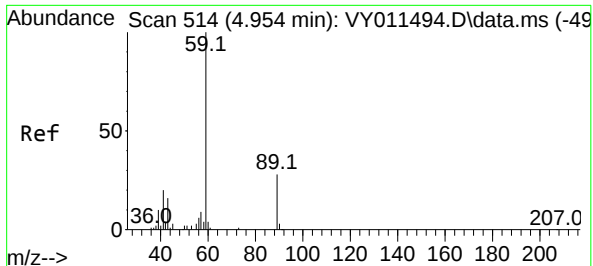
Tgt Ion: 50 Resp: 125
Ion Ratio Lower Upper
50 100
52 56.9 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

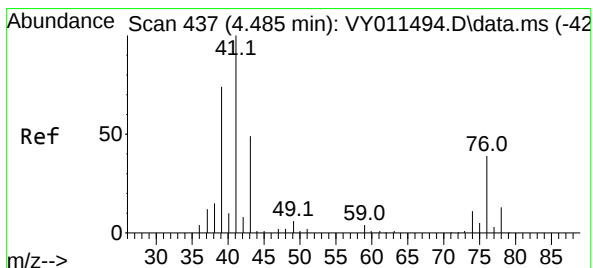
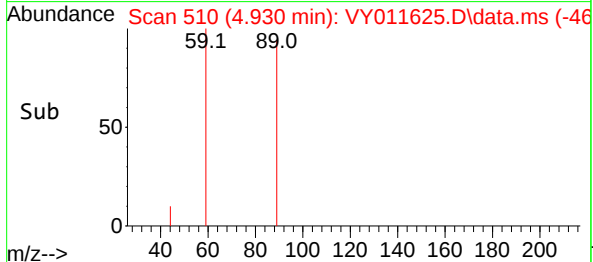
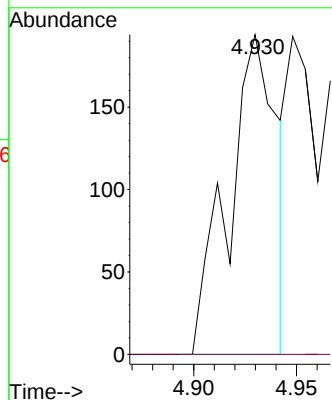
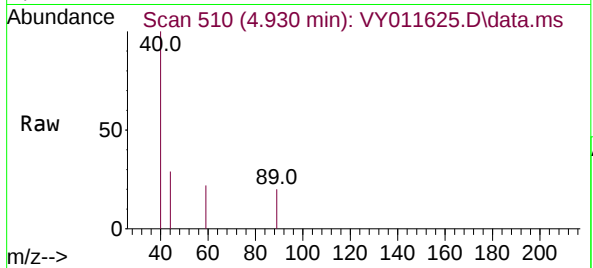




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

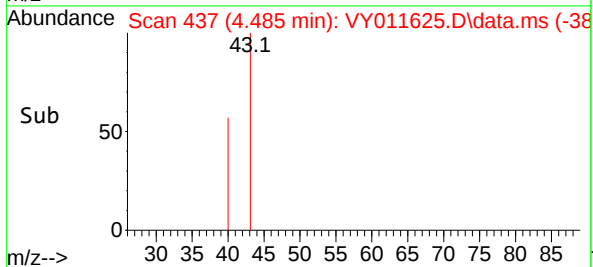
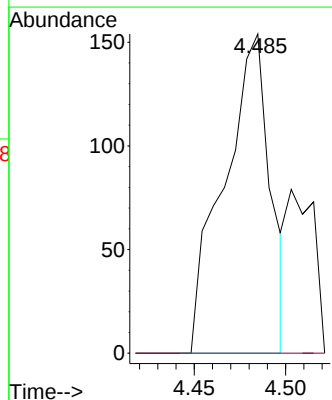
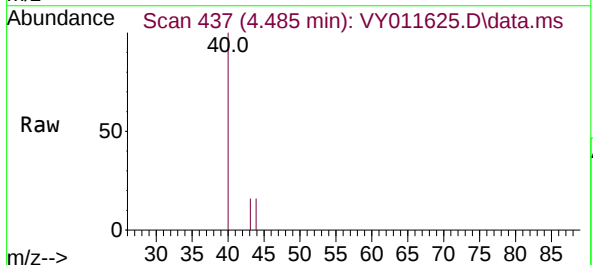
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

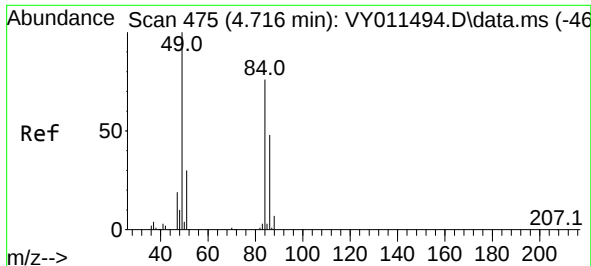
Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

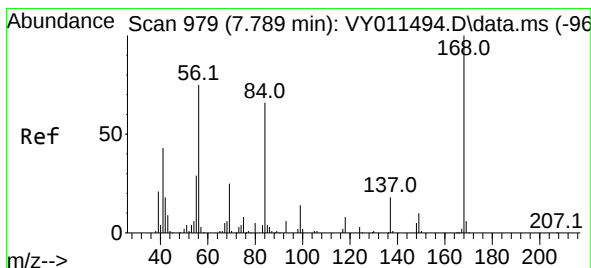
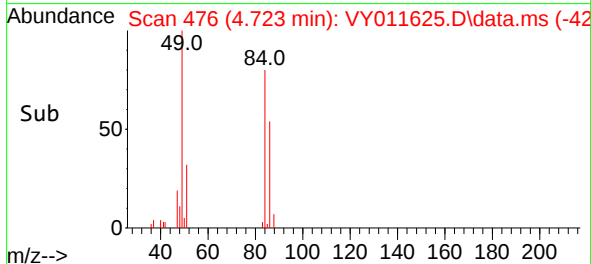
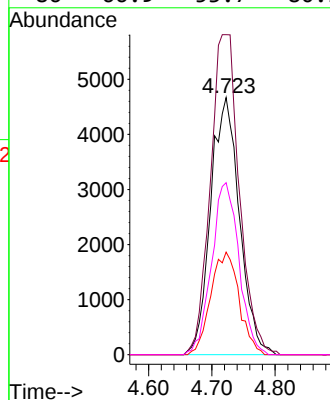
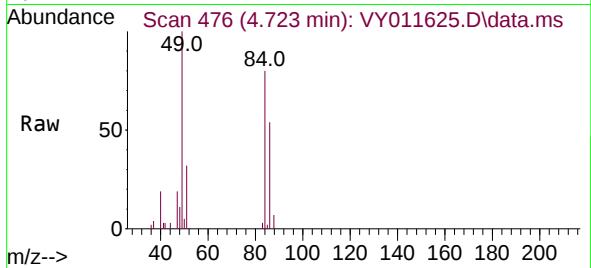




#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

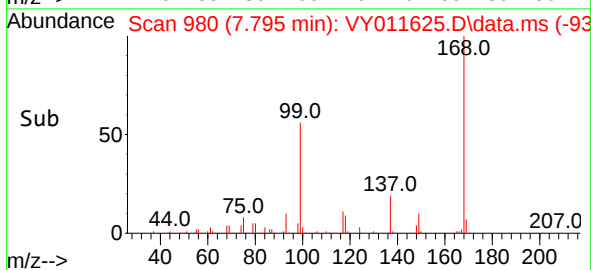
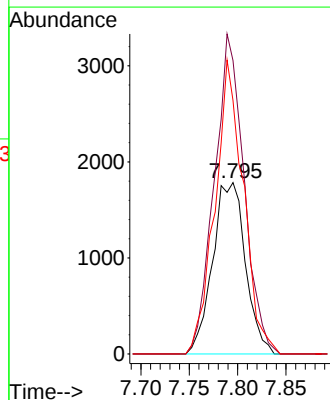
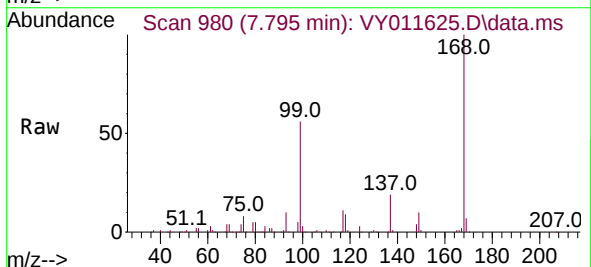
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

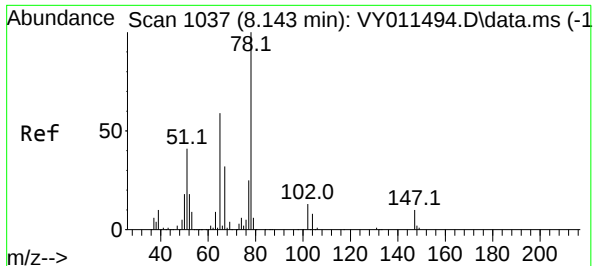
Tgt Ion:	84	Resp:	14759
Ion	Ratio	Lower	Upper
84	100		
49	124.4	114.4	171.6
51	39.9	35.3	52.9
86	66.9	53.7	80.5



#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion:	56	Resp:	4203
Ion	Ratio	Lower	Upper
56	100		
69	171.1	26.7	40.1#
84	147.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 71.141 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011625.D

Acq: 29 Nov 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

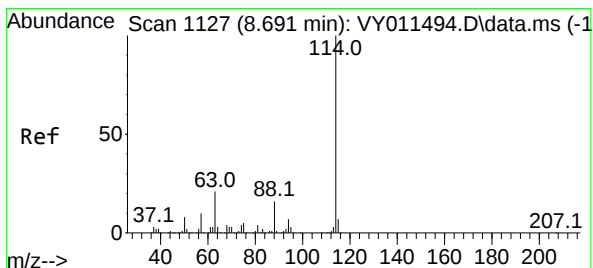
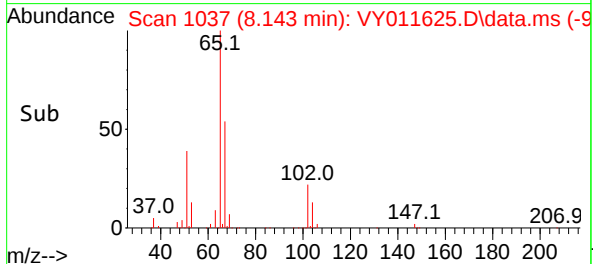
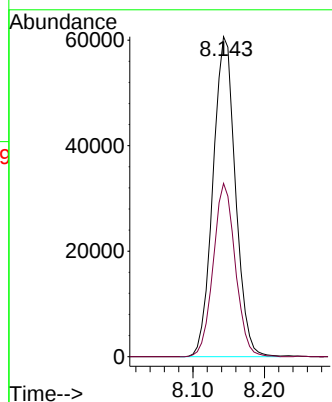
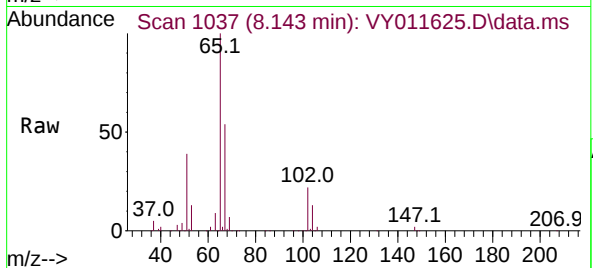
PEQ-STOCK

Tgt Ion: 65 Resp: 132562

Ion Ratio Lower Upper

65 100

67 53.0 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: VY011625.D

Acq: 29 Nov 2022 16:20

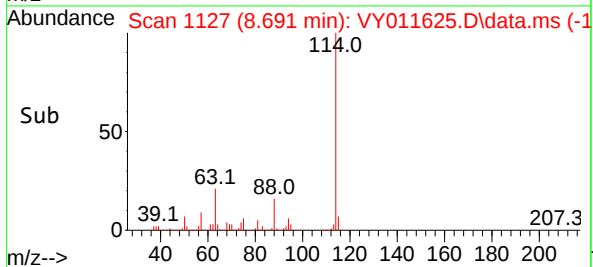
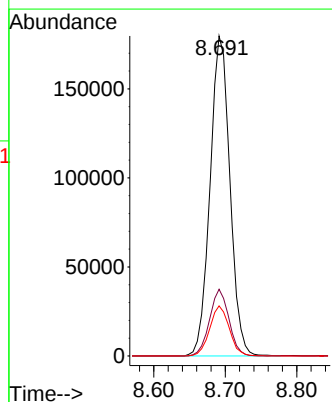
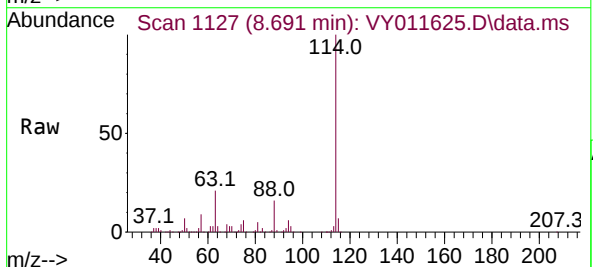
Tgt Ion: 114 Resp: 346336

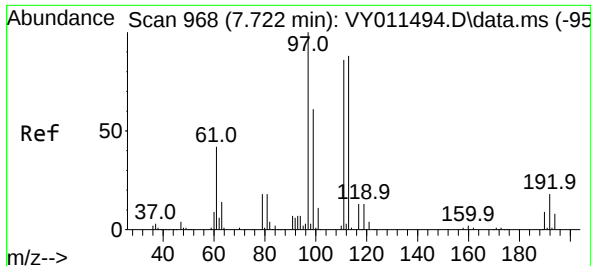
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.504 ug/l

RT: 7.716 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY011625.D

Acq: 29 Nov 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

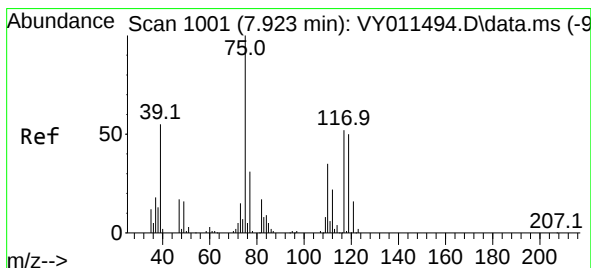
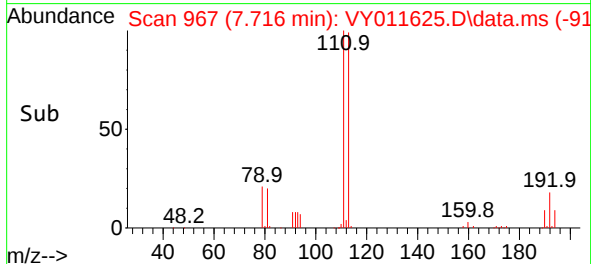
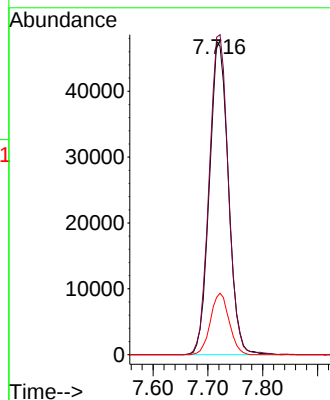
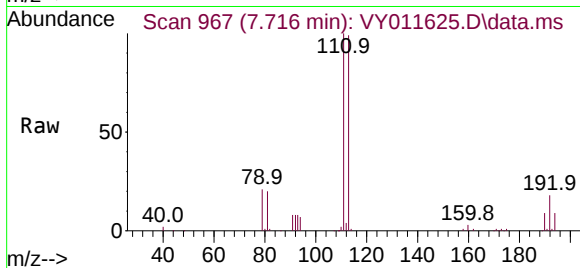
Tgt Ion:113 Resp: 114071

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.3 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.481 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY011625.D

Acq: 29 Nov 2022 16:20

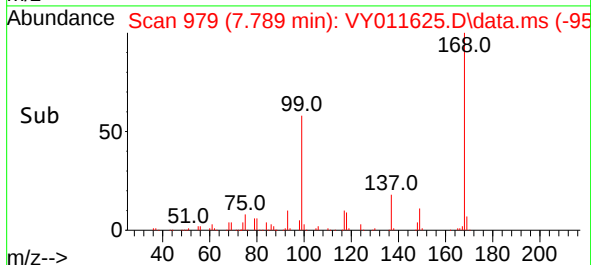
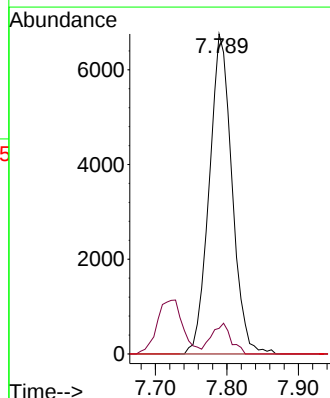
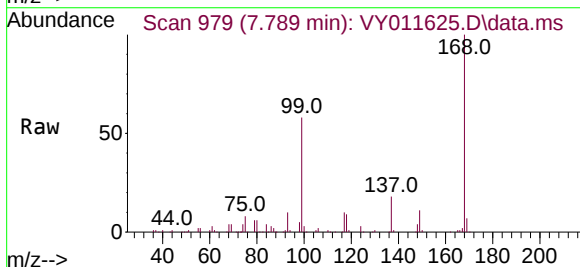
Tgt Ion: 75 Resp: 14935

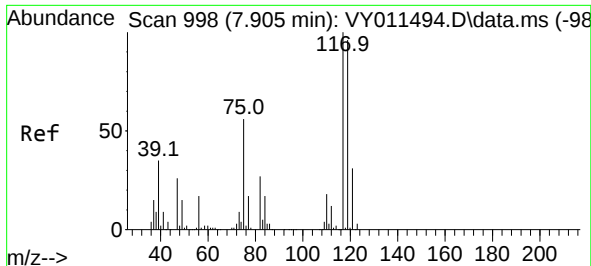
Ion Ratio Lower Upper

75 100

110 8.1 17.1 51.2#

77 0.0 24.4 36.6#

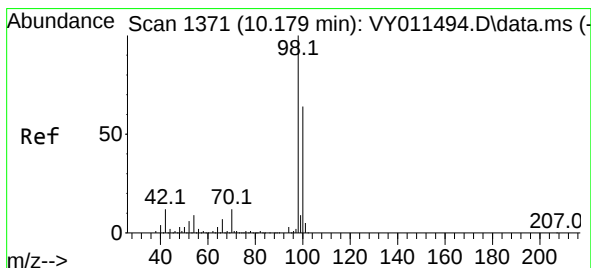
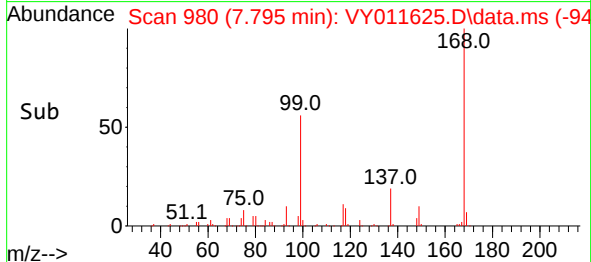
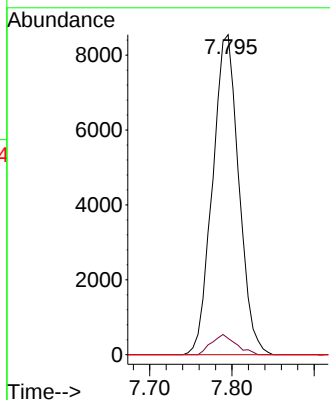
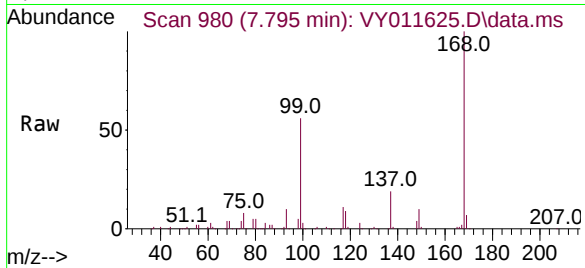




#38
Carbon Tetrachloride
Concen: 5.093 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

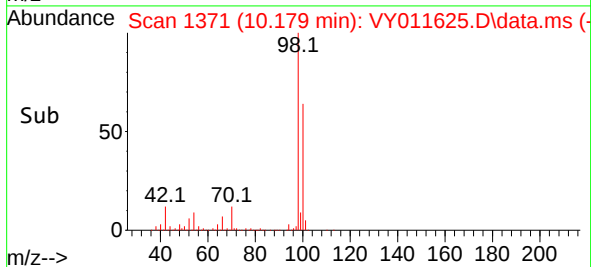
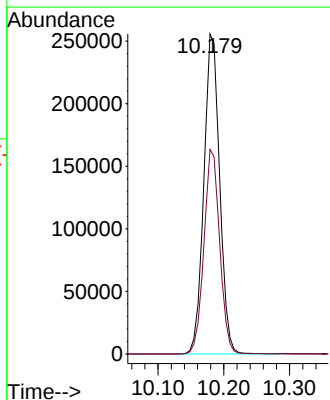
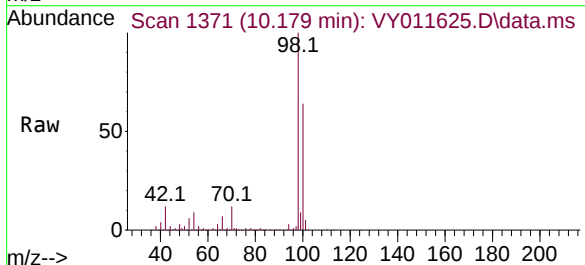
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

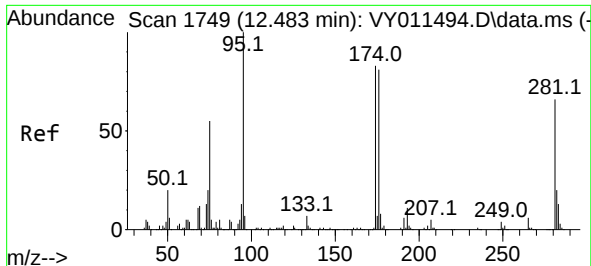
Tgt Ion:117 Resp: 18989
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.206 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion: 98 Resp: 427714
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

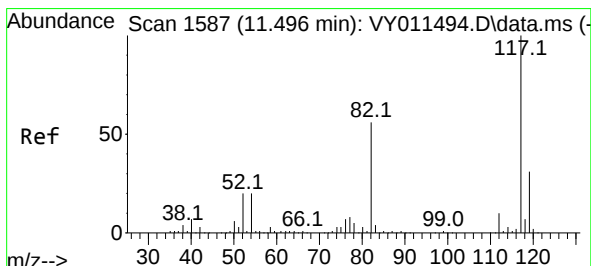
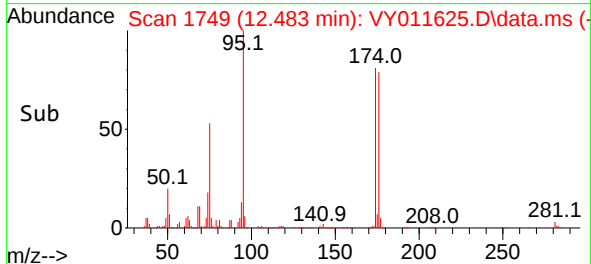
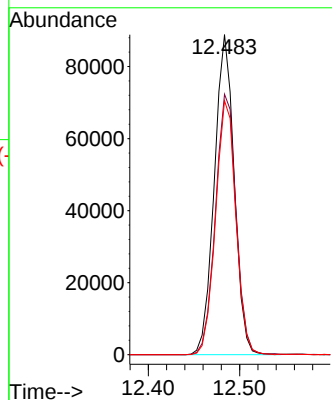
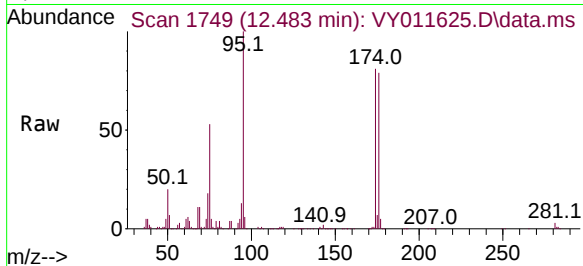




#62
4-Bromofluorobenzene
Concen: 46.820 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

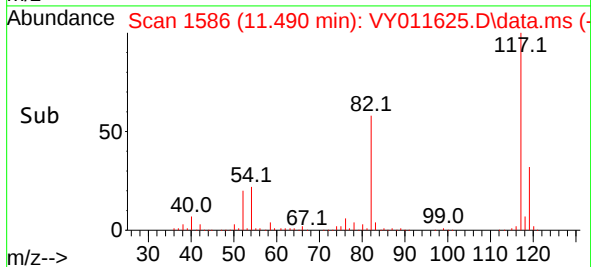
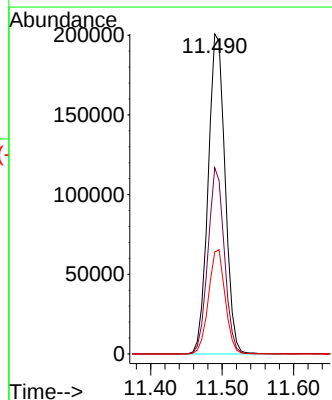
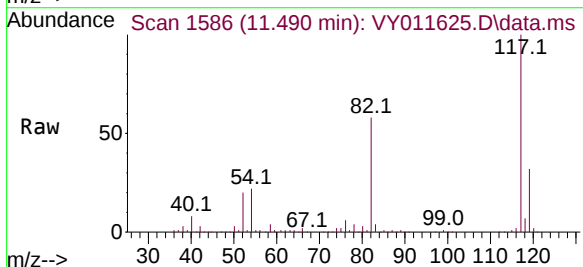
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

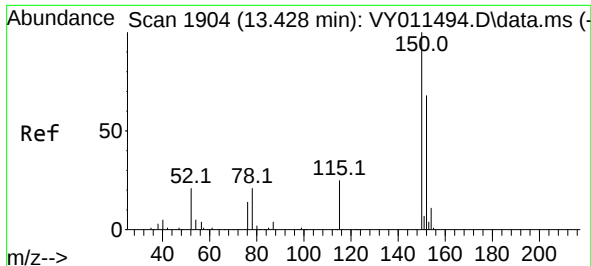
Tgt Ion: 95 Resp: 134117
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 80.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion: 117 Resp: 330073
Ion Ratio Lower Upper
117 100
82 58.2 43.0 64.4
119 31.9 25.4 38.0

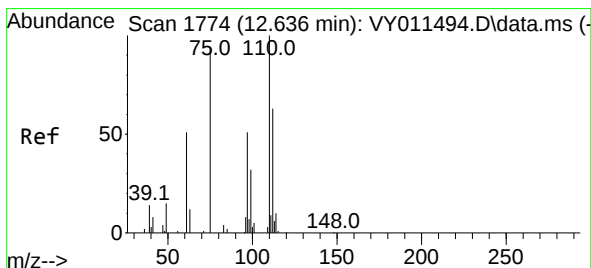
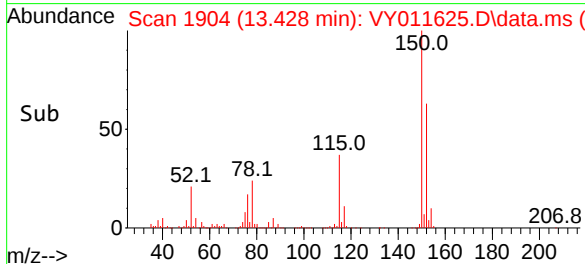
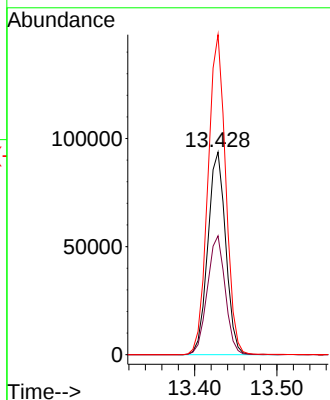
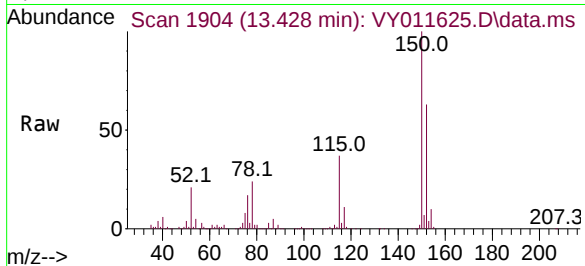




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011625.D
 Acq: 29 Nov 2022 16:20

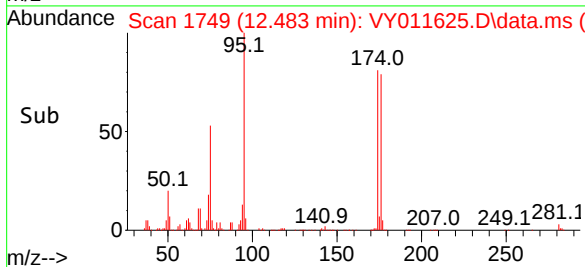
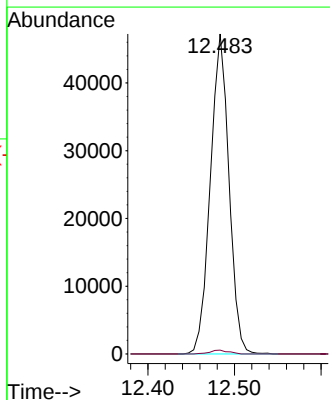
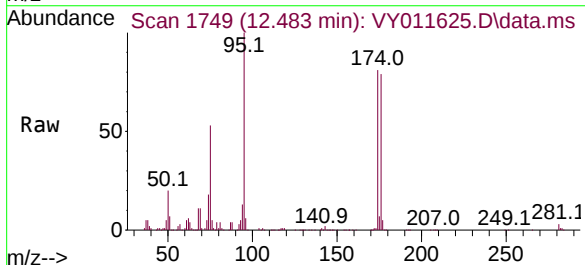
Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

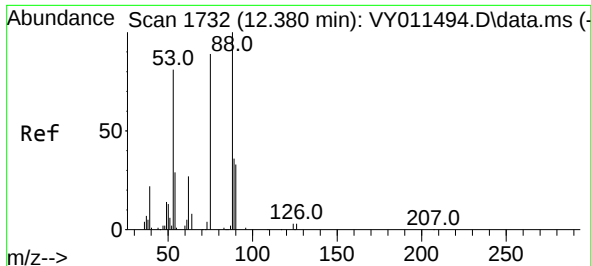
Tgt Ion:152 Resp: 141222
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.360 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011625.D
 Acq: 29 Nov 2022 16:20

Tgt Ion: 75 Resp: 70508
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

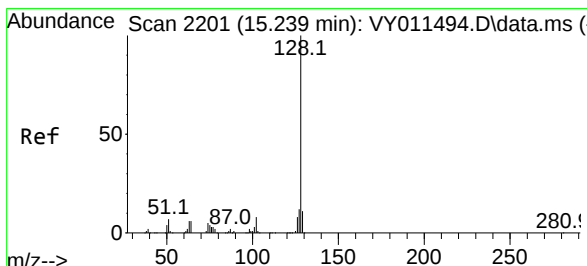
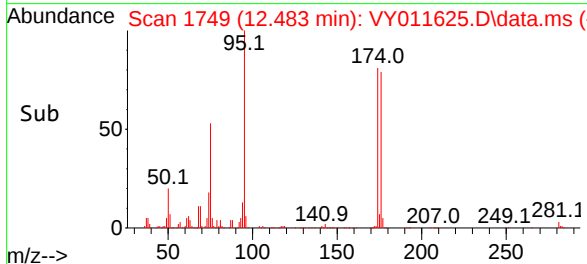
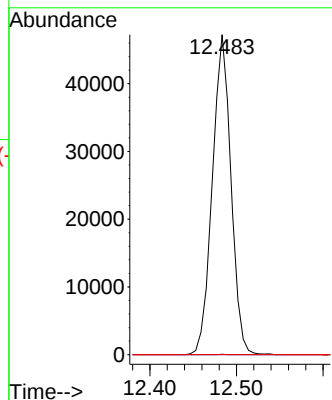
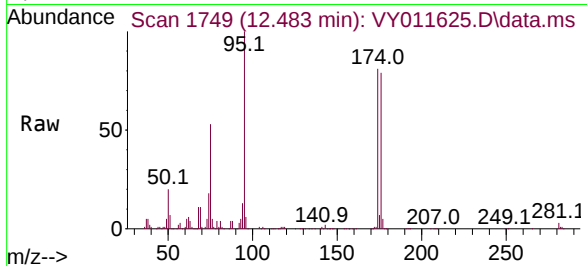




#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.545 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011625.D
 Acq: 29 Nov 2022 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

Tgt Ion: 75 Resp: 70508
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#



#95
 Naphthalene
 Concen: 4.030 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY011625.D
 Acq: 29 Nov 2022 16:20

Tgt Ion: 128 Resp: 51
 Ion Ratio Lower Upper
 128 100
 127 0.0 11.0 16.4#
 129 0.0 8.4 12.6#

