

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011747.D
 Acq On : 09 Dec 2022 16:53
 Operator : KP/MD
 Sample : N5803-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

Quant Time: Dec 10 03:55:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

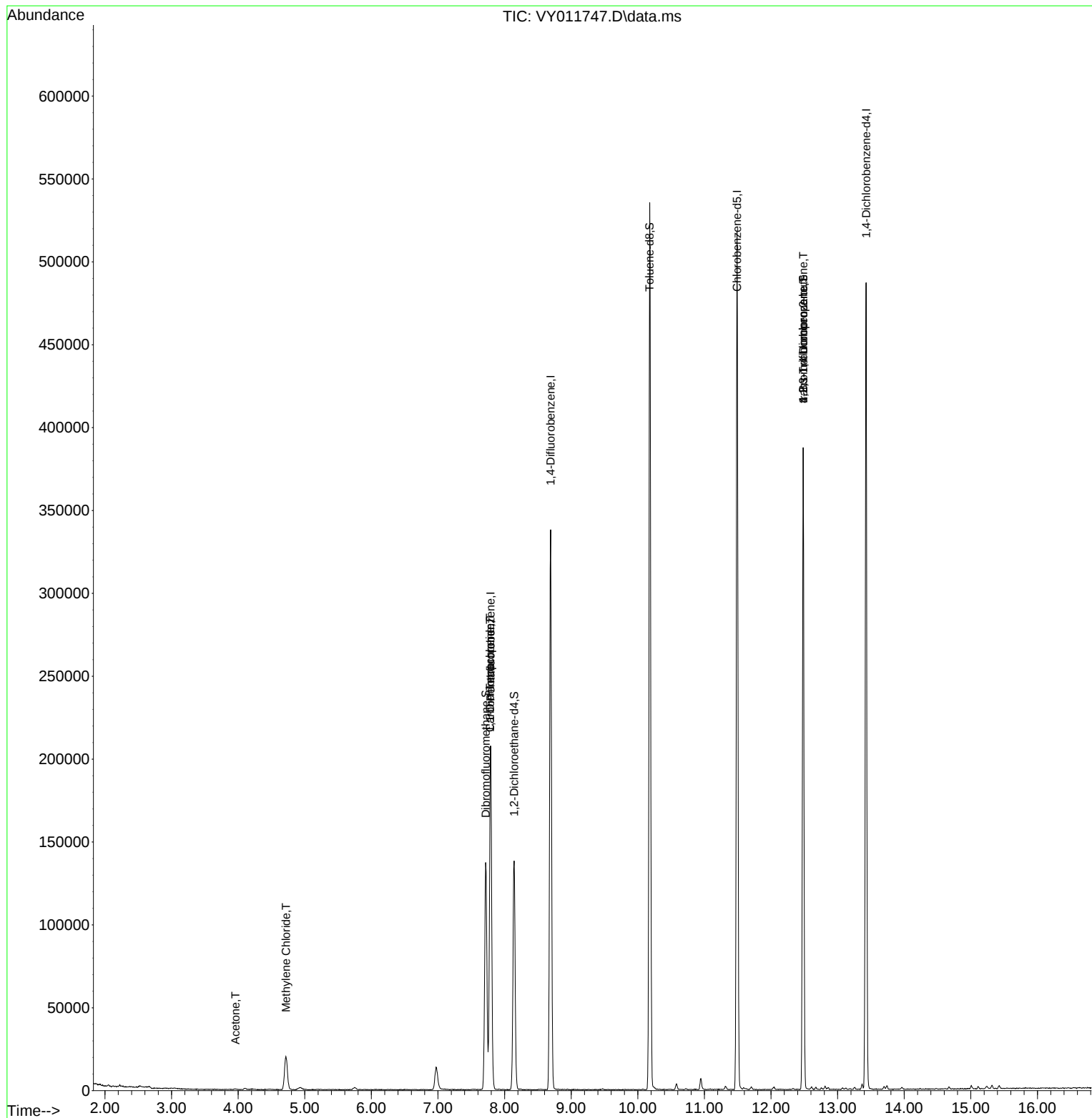
Internal Standards						
1) Pentafluorobenzene	7.789	168	162401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109972	104.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 208.900%#	
35) Dibromofluoromethane	7.716	113	96277	76.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 152.140%#	
50) Toluene-d8	10.179	98	351563	87.430	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 174.860%#	
62) 4-Bromofluorobenzene	12.483	95	116263	70.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 140.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	43	Below Cal	#	41
3) Chloromethane	2.113	50	410	Below Cal	#	41
4) Vinyl Chloride	2.400	62	42	Below Cal	#	43
5) Bromomethane	2.656	94	573	Below Cal	#	62
11) Tert butyl alcohol	4.936	59	1859	Below Cal	#	74
16) Acetone	3.960	43	682	1.538	ug/l	89
18) Methyl Acetate	4.485	43	354	Below Cal	#	64
20) Methylene Chloride	4.716	84	15715	4.624	ug/l	92
31) Cyclohexane	7.795	56	3473	Below Cal	#	40
36) 1,1-Dichloropropene	7.783	75	11960	5.385	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	16533	6.337	ug/l	# 19
76) 1,2,3-Trichloropropane	12.483	75	59388	46.865	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	59388	106.345	ug/l	# 13

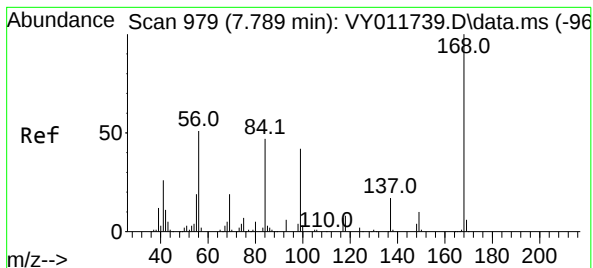
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 03:30:20 2022
Response via : Initial Calibration

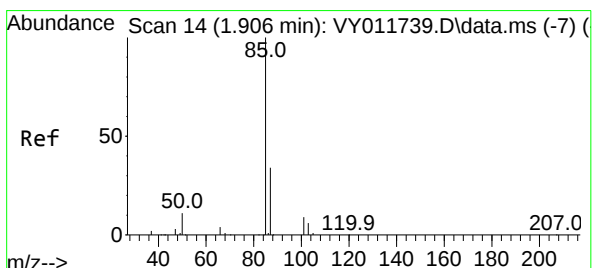
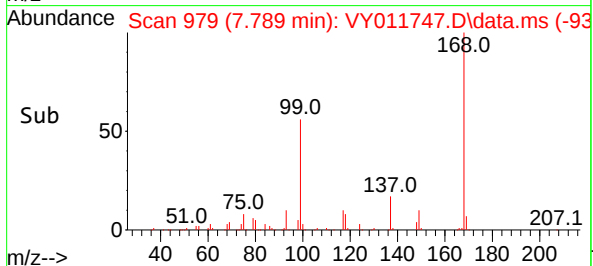
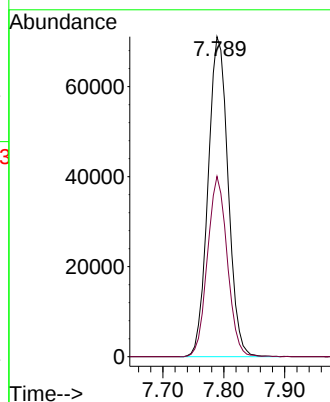
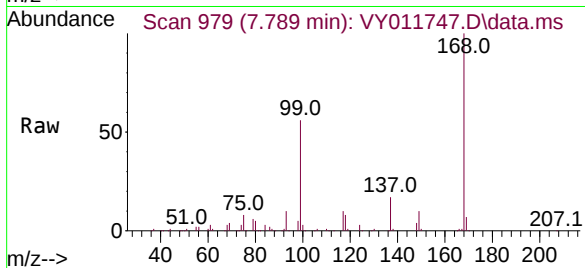




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

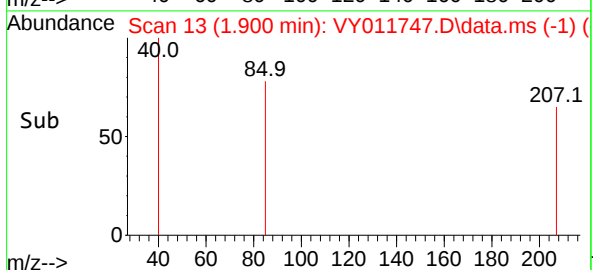
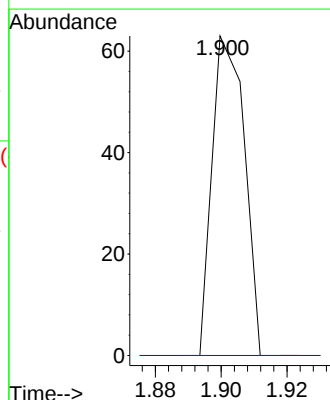
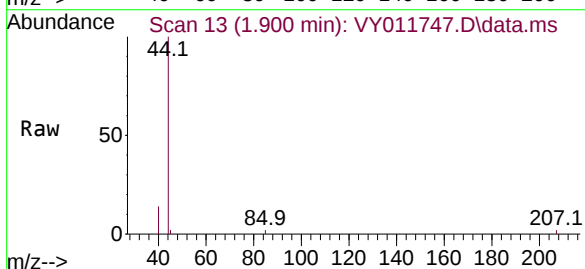
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

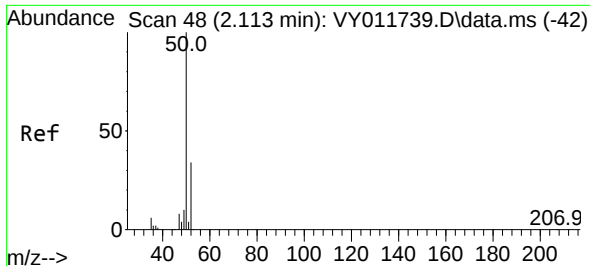
Tgt Ion:168 Resp: 162401
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

Tgt Ion: 85 Resp: 43
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

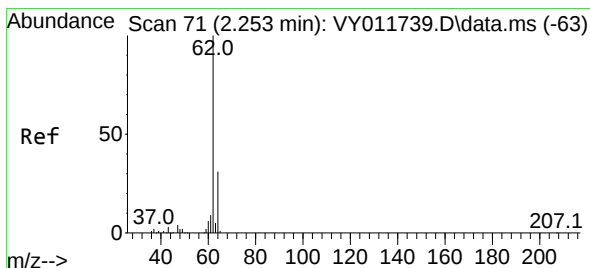
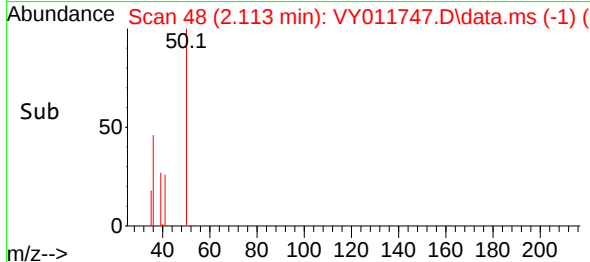
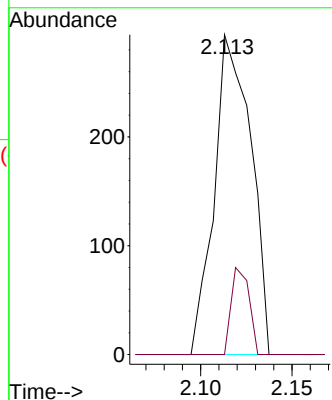
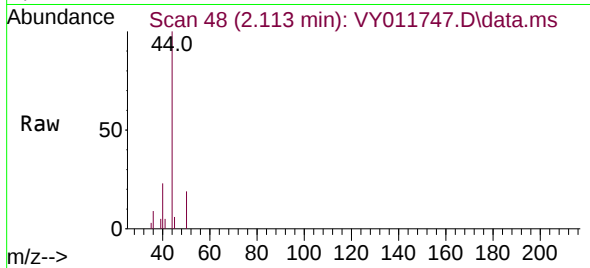




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

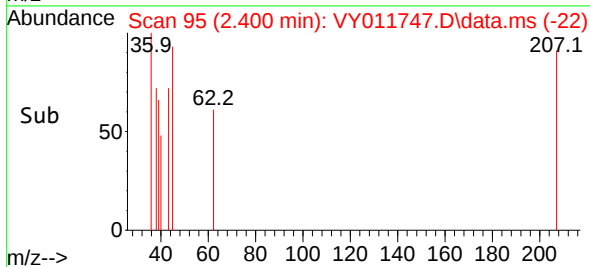
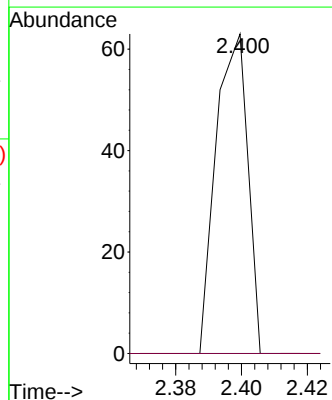
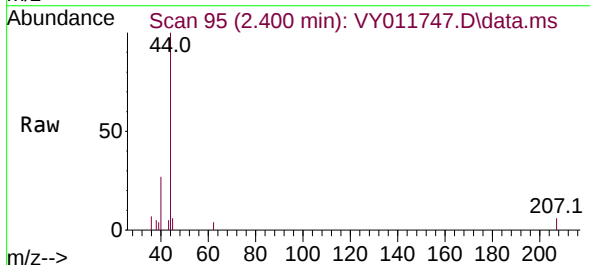
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

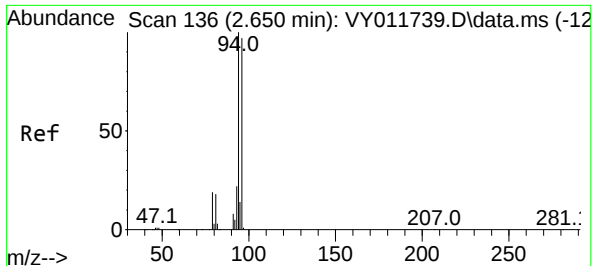
Tgt Ion: 50 Resp: 410
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.400 min Scan# 95
Delta R.T. 0.147 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

Tgt Ion: 62 Resp: 42
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

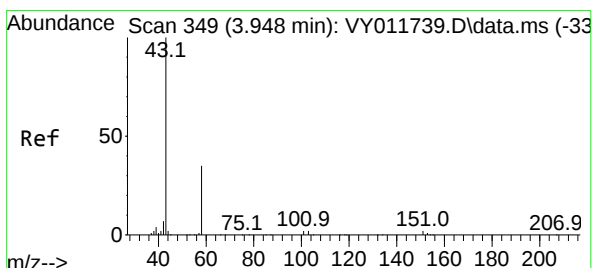
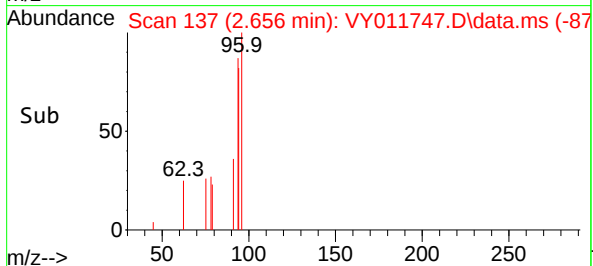
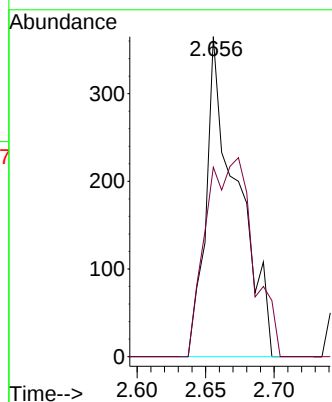
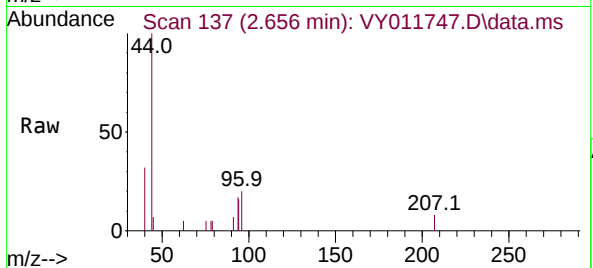




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

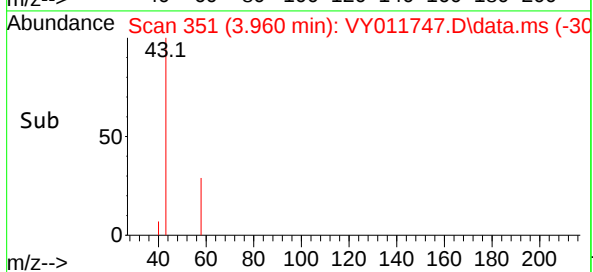
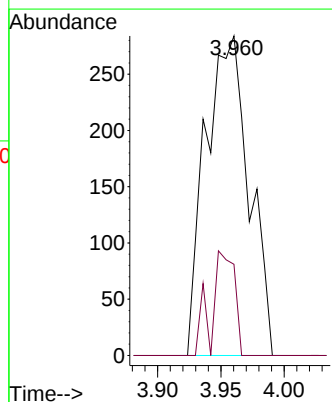
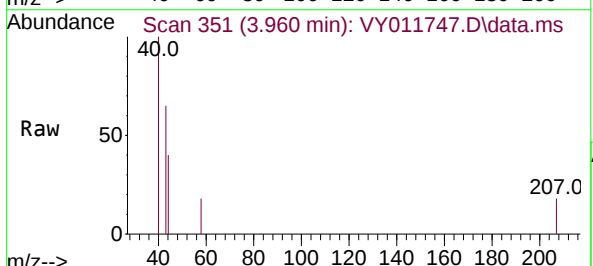
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

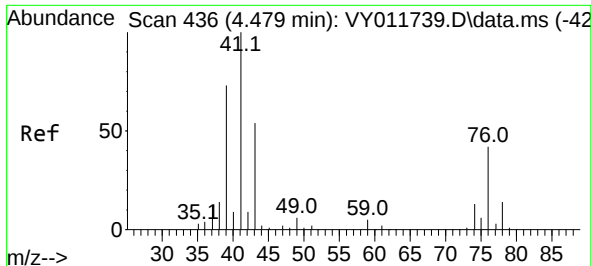
Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
96 59.2 77.4 116.2#



#16
Acetone
Concen: 1.538 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 28.5 27.9 41.9





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

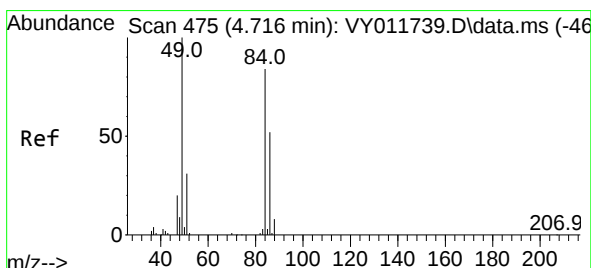
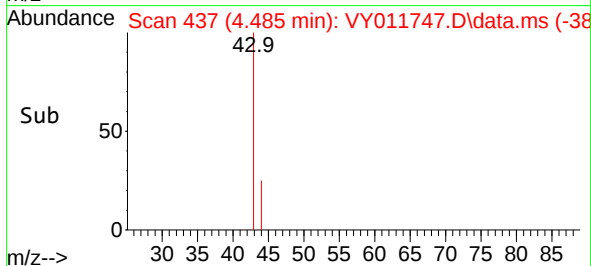
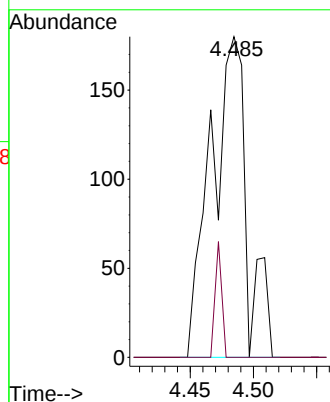
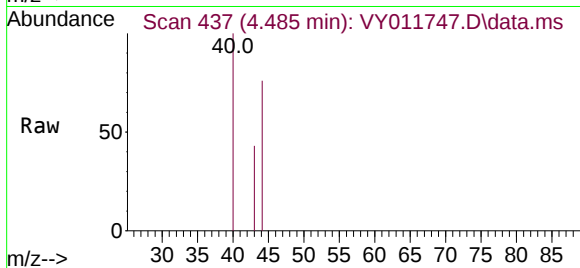
PEQ-STOCK

Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

74 6.8 20.1 30.1#



#20

Methylene Chloride

Concen: 4.624 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

Tgt Ion: 84 Resp: 15715

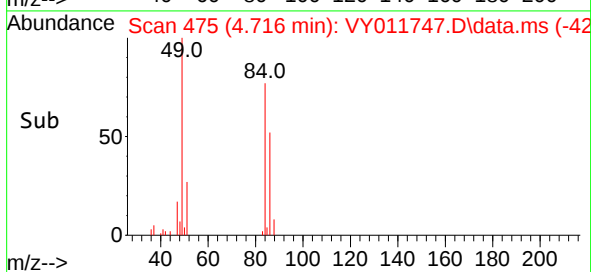
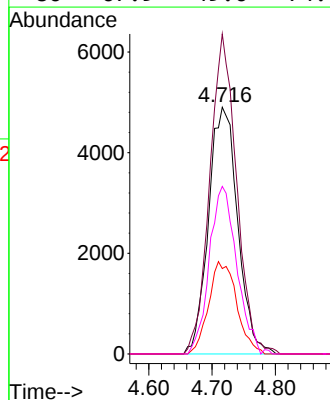
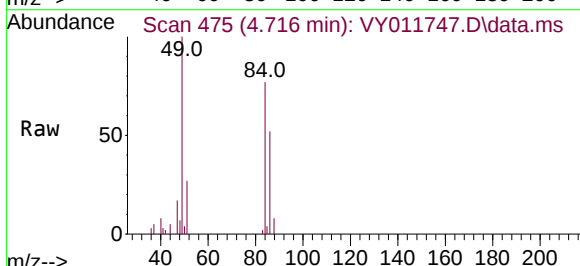
Ion Ratio Lower Upper

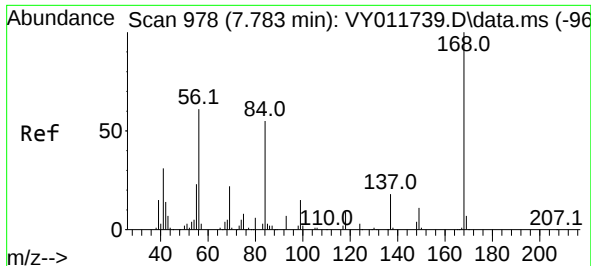
84 100

49 129.7 95.4 143.2

51 34.6 29.9 44.9

86 67.9 49.6 74.4

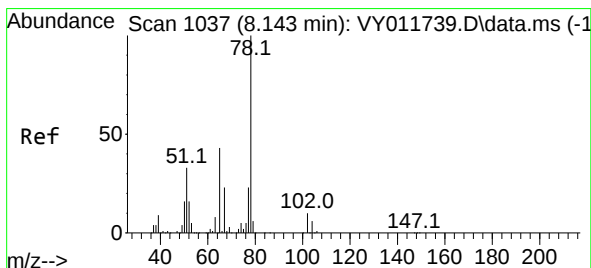
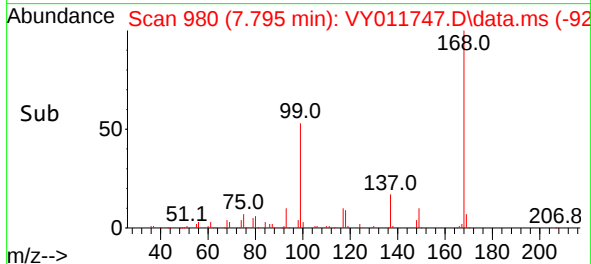
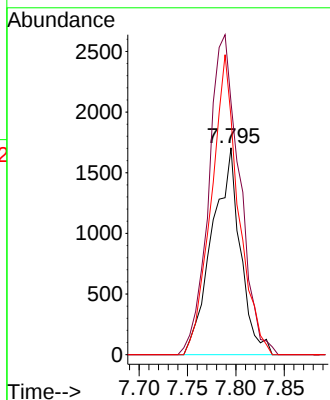
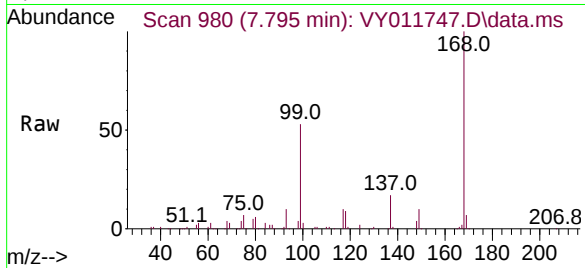




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

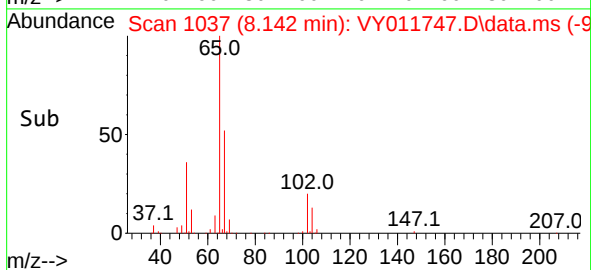
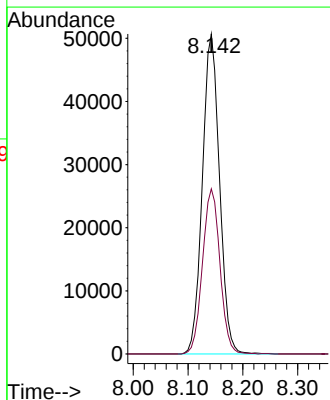
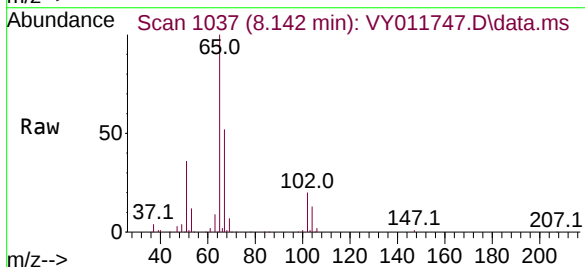
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

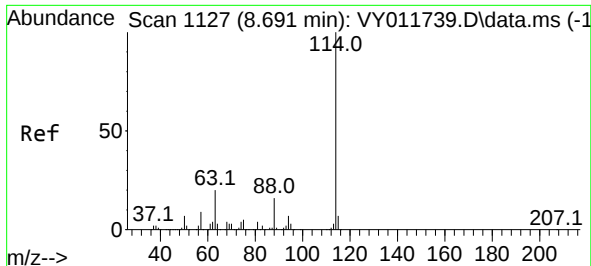
Tgt Ion: 56 Resp: 3473
Ion Ratio Lower Upper
56 100
69 122.1 29.2 43.8#
84 114.8 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 104.455 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

Tgt Ion: 65 Resp: 109972
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

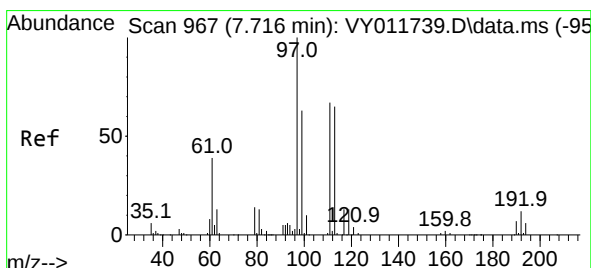
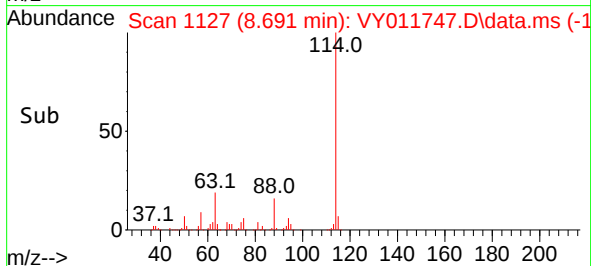
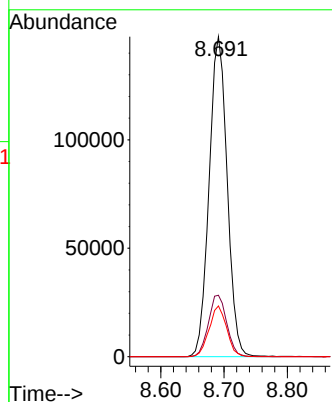
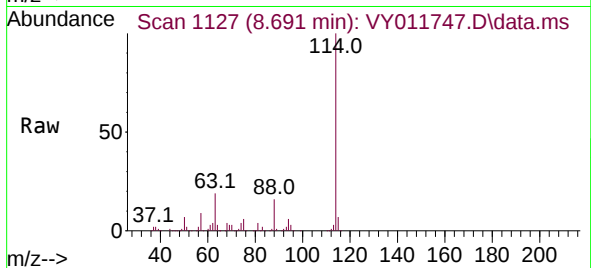
Tgt Ion:114 Resp: 292683

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 76.065 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

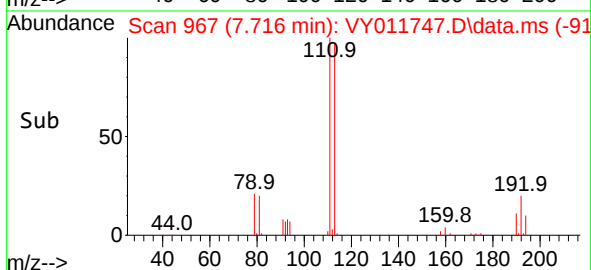
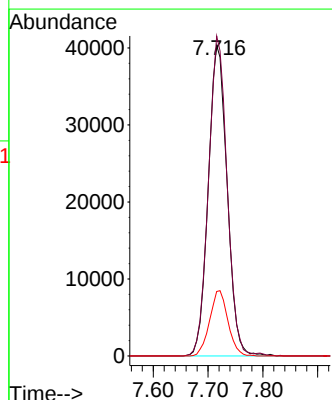
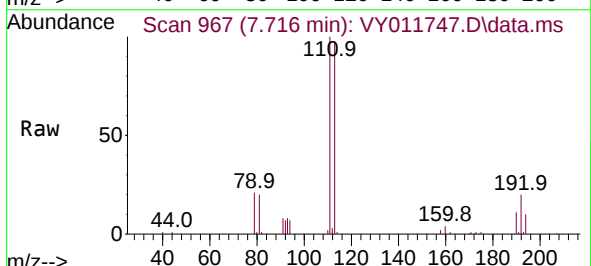
Tgt Ion:113 Resp: 96277

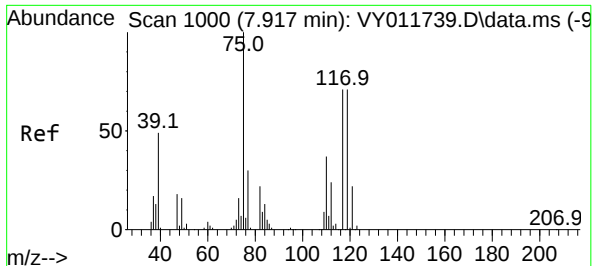
Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

192 20.5 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.385 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

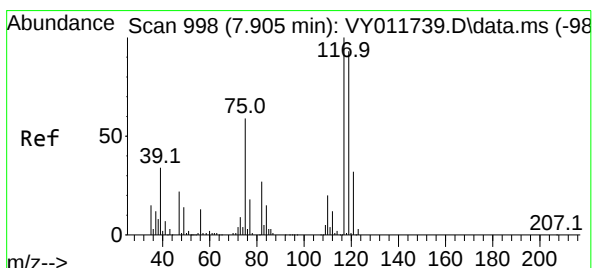
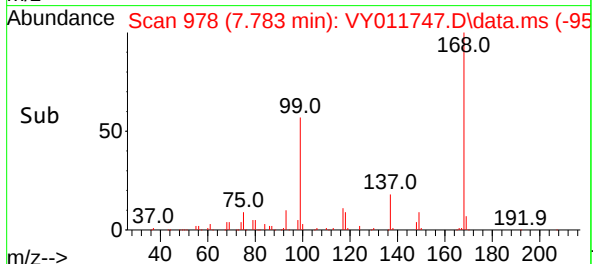
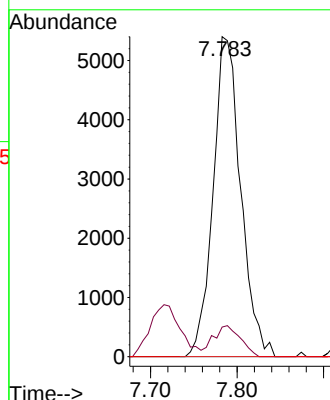
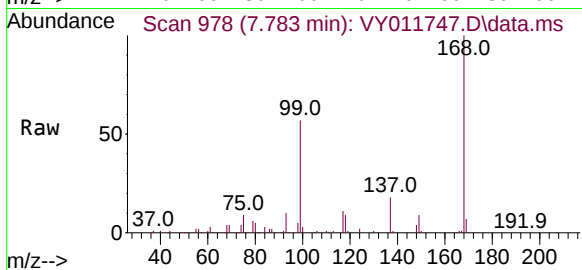
Tgt Ion: 75 Resp: 11960

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.337 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

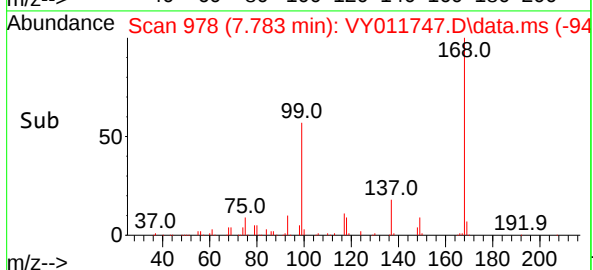
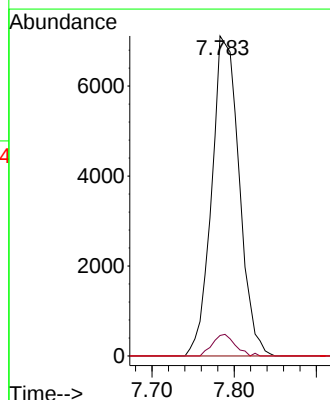
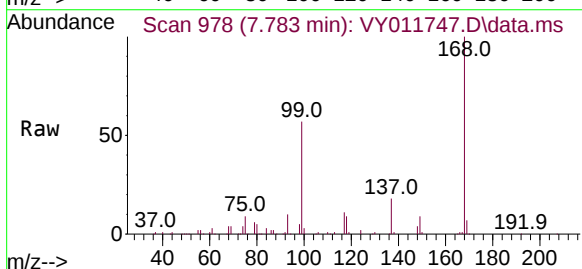
Tgt Ion: 117 Resp: 16533

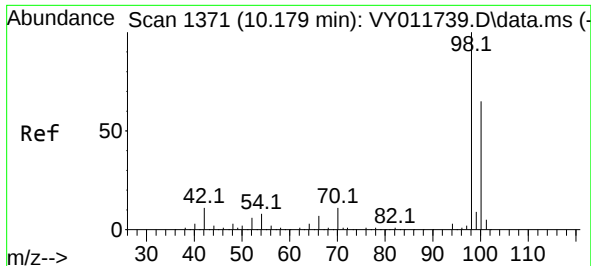
Ion Ratio Lower Upper

117 100

119 6.4 73.8 110.8#

121 0.0 25.2 37.8#

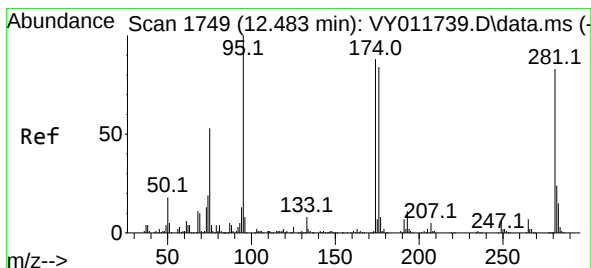
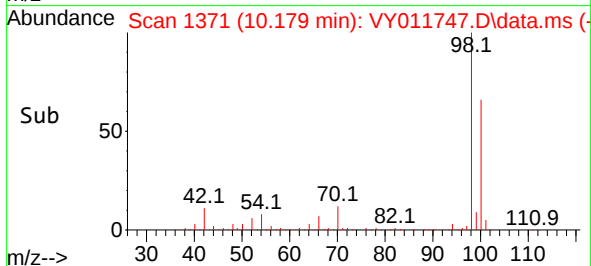
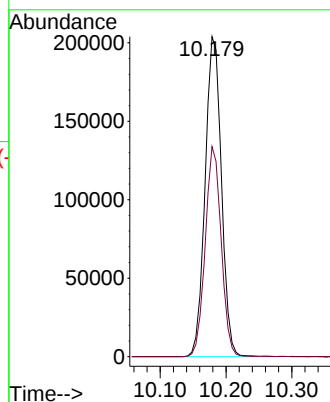
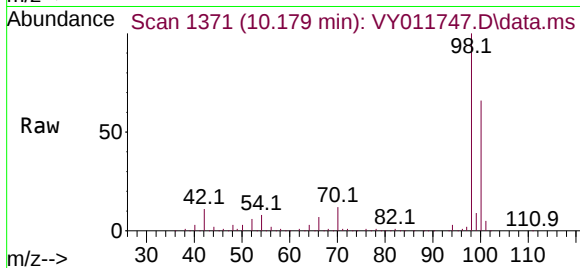




#50
Toluene-d8
Concen: 87.430 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

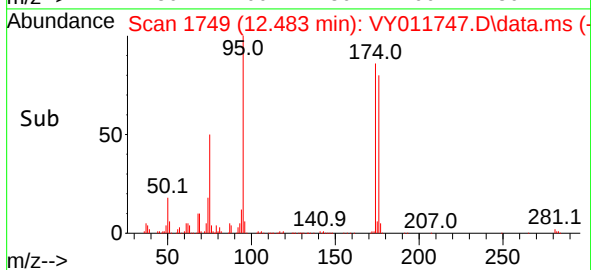
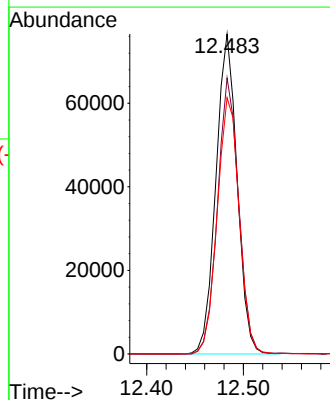
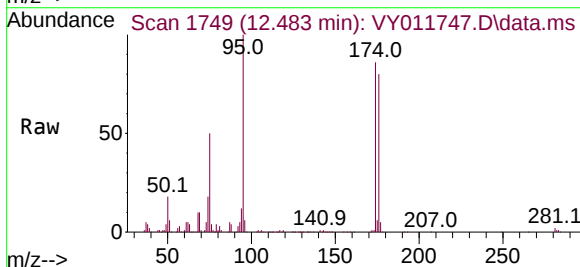
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

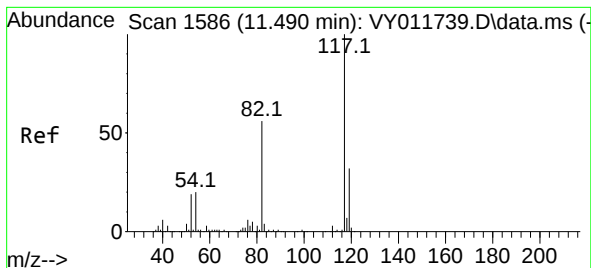
Tgt Ion: 98 Resp: 351563
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 70.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

Tgt Ion: 95 Resp: 116263
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.0
176 83.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

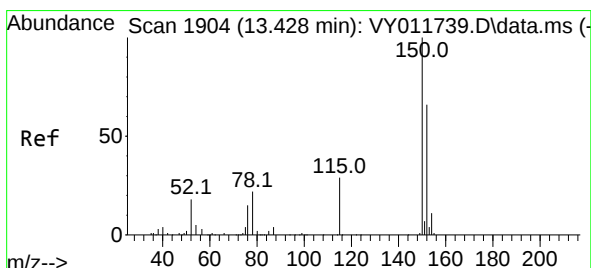
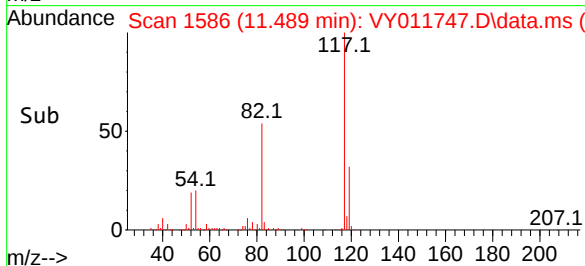
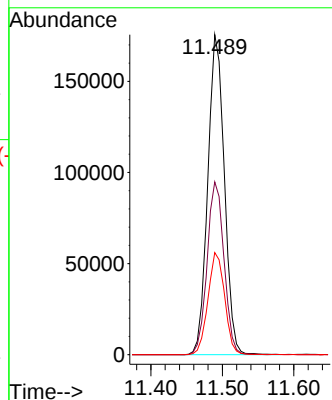
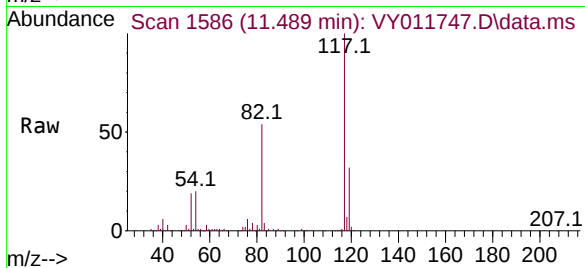
Tgt Ion:117 Resp: 283087

Ion Ratio Lower Upper

117 100

82 54.0 44.8 67.2

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

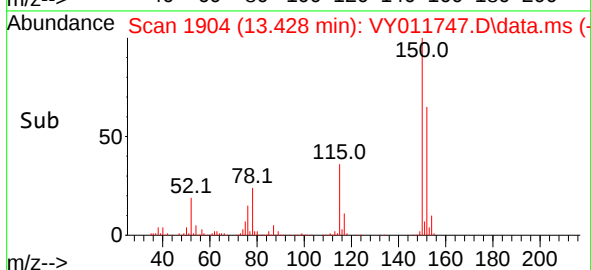
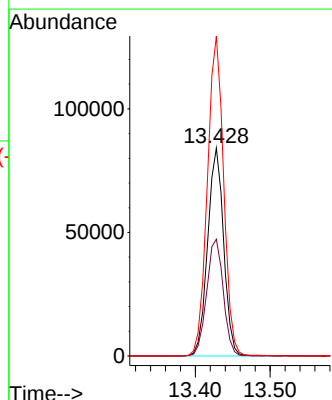
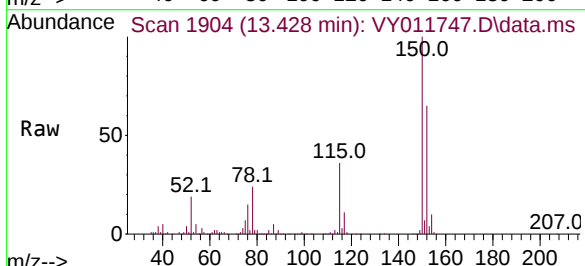
Tgt Ion:152 Resp: 125252

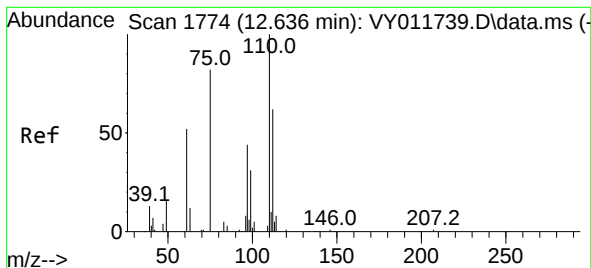
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 156.5 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 46.865 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

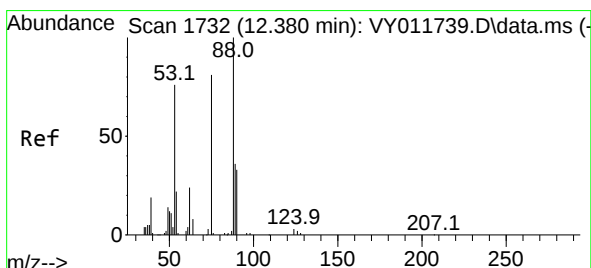
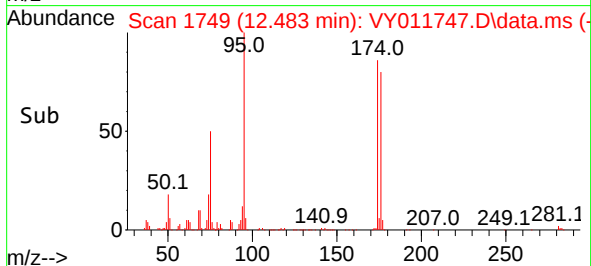
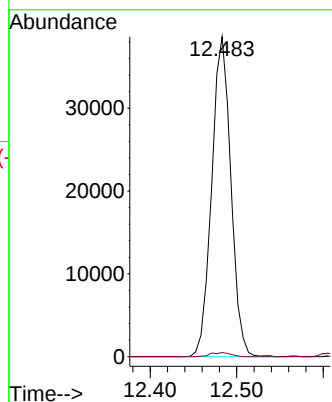
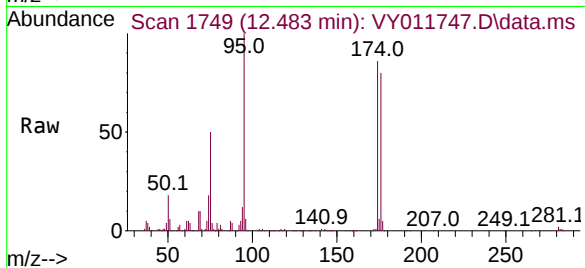
PEQ-STOCK

Tgt Ion: 75 Resp: 59388

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.345 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

Tgt Ion: 75 Resp: 59388

Ion Ratio Lower Upper

75 100

53 0.0 72.5 108.7#

89 0.0 37.0 55.4#

