

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011731.D
 Acq On : 07 Dec 2022 14:17
 Operator : KP/MD
 Sample : N5897-09
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Quant Time: Dec 08 07:56:46 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)

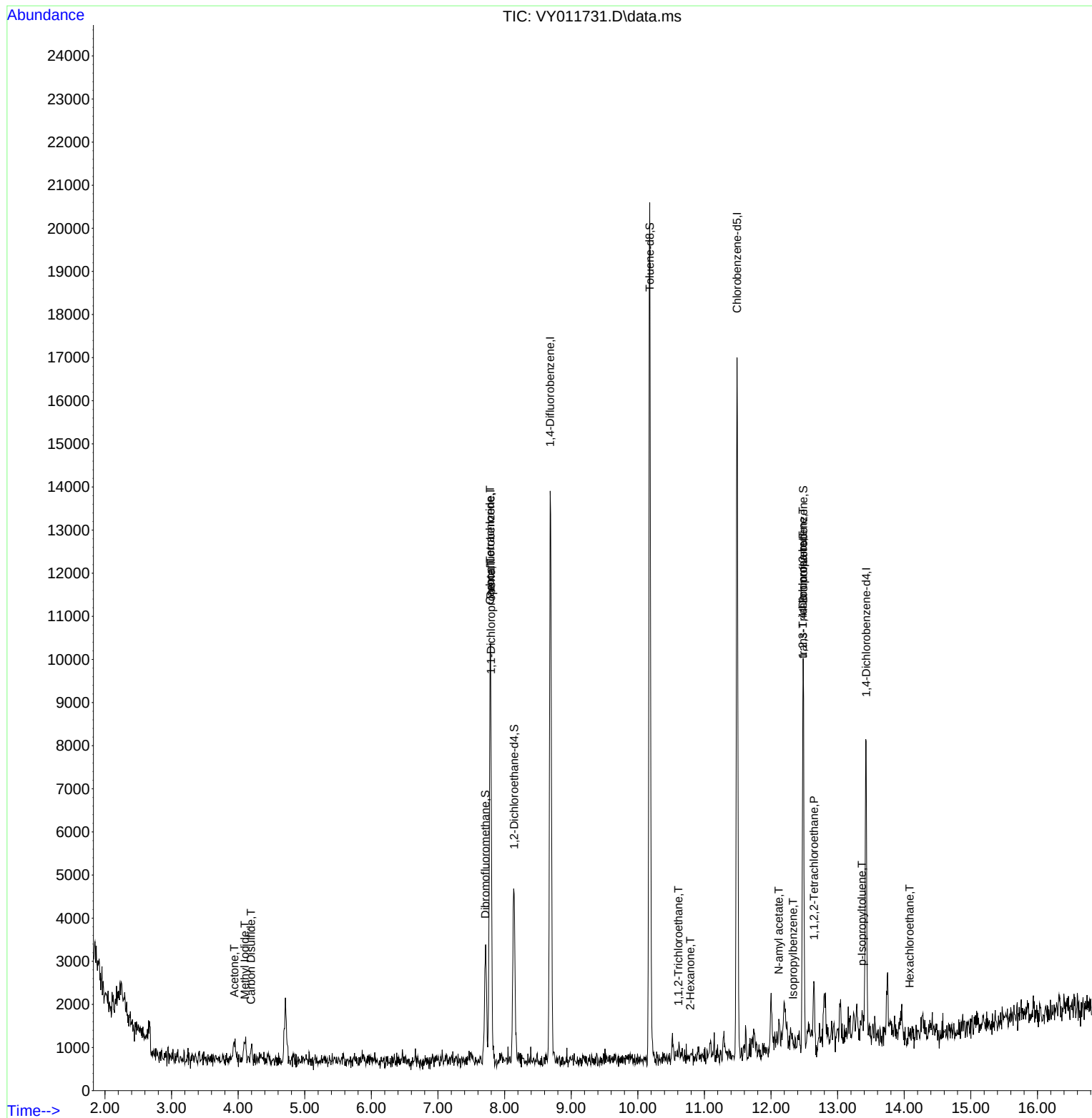
Internal Standards						
1) Pentafluorobenzene	7.789	168	7662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3483	44.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.540%
35) Dibromofluoromethane	7.709	113	2086	28.103	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.200%
50) Toluene-d8	10.178	98	13461	49.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.483	95	2817	28.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.500%
Target Compounds						Qvalue
3) Chloromethane	2.113	50	215	Below Cal	#	44
10) Methyl Iodide	4.100	142	619	7.228	ug/l #	62
16) Acetone	3.942	43	737	29.164	ug/l #	75
17) Carbon Disulfide	4.192	76	324	1.736	ug/l #	75
20) Methylene Chloride	4.704	84	877	Below Cal	#	70
36) 1,1-Dichloropropene	7.795	75	548	4.723	ug/l #	42
38) Carbon Tetrachloride	7.782	117	849	6.540	ug/l #	11
55) 1,1,2-Trichloroethane	10.611	97	217	3.140	ug/l #	15
59) 2-Hexanone	10.788	43	67	1.417	ug/l #	28
73) Isopropylbenzene	12.330	105	146	1.027	ug/l #	48
74) N-amyl acetate	12.117	43	149	4.246	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.647	83	72	2.571	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	1448	68.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1448	149.875	ug/l #	7
86) p-Isopropyltoluene	13.367	119	314	2.417	ug/l #	50
90) Hexachloroethane	14.080	117	190	7.241	ug/l #	6

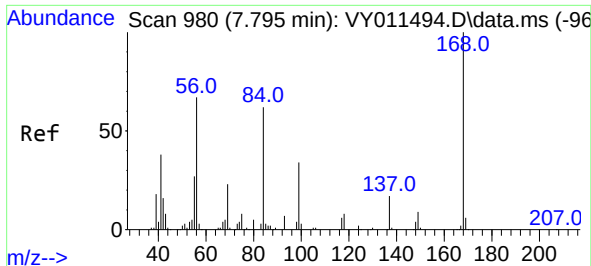
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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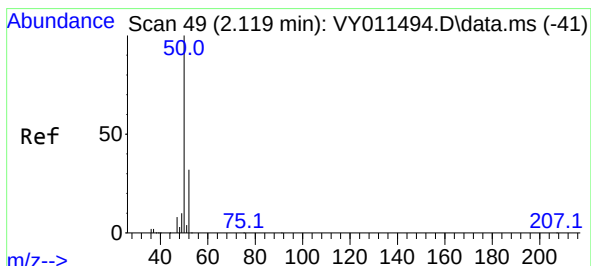
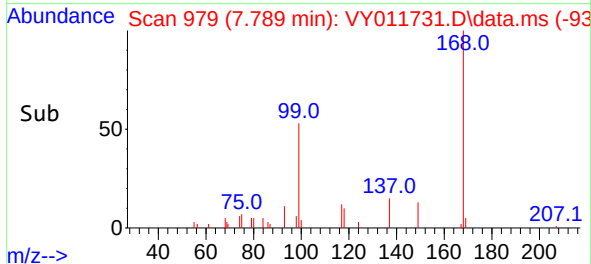
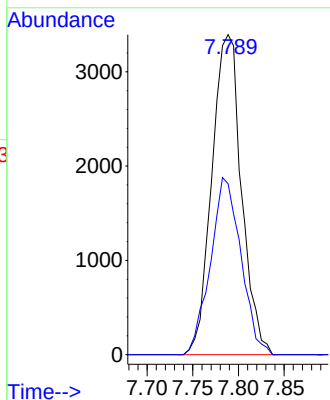
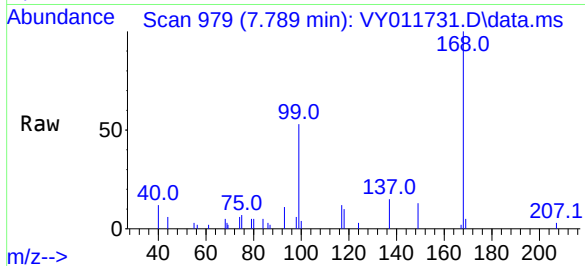




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

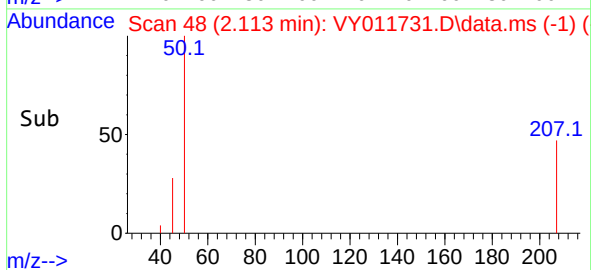
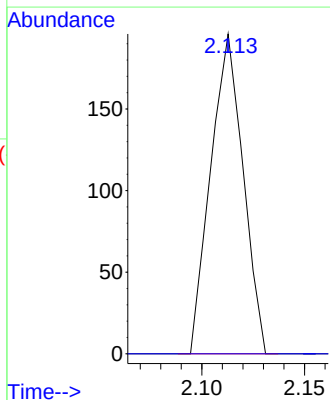
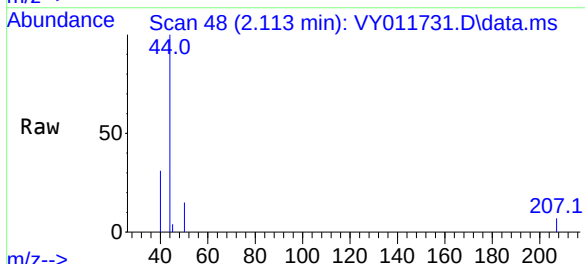
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

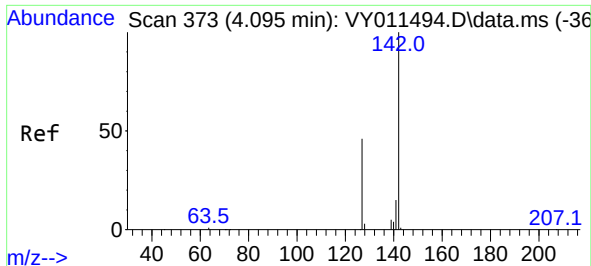
Tgt Ion:168 Resp: 7662
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 50 Resp: 215
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#10

Methyl Iodide

Concen: 7.228 ug/l

RT: 4.100 min Scan# 31

Delta R.T. 0.005 min

Lab File: VY011731.D

Acq: 07 Dec 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE

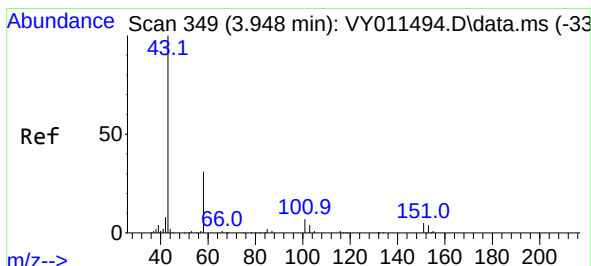
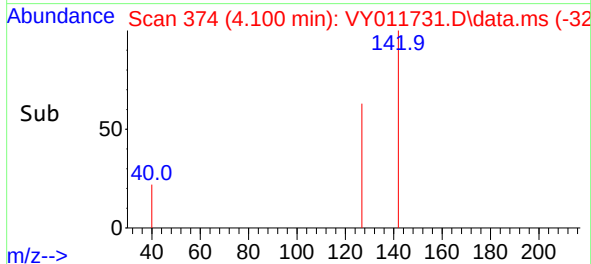
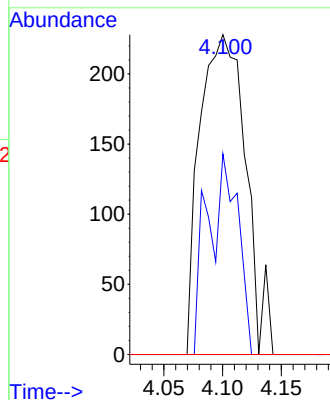
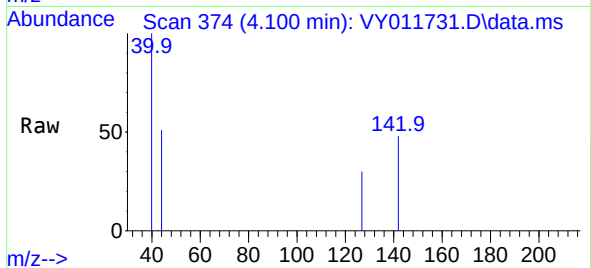
Tgt Ion:142 Resp: 619

Ion Ratio Lower Upper

142 100

127 25.0 41.5 62.3#

141 0.0 11.9 17.9#



#16

Acetone

Concen: 29.164 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY011731.D

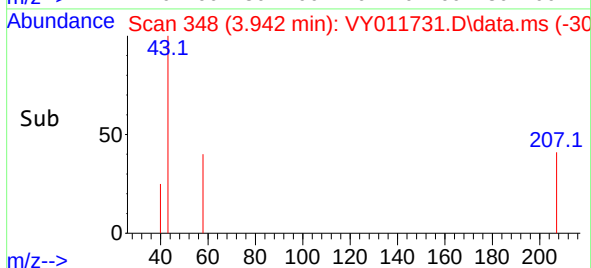
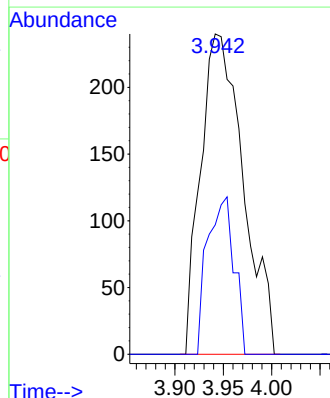
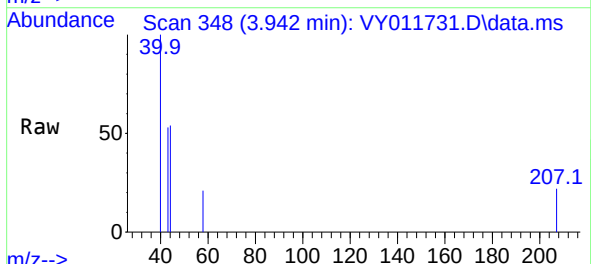
Acq: 07 Dec 2022 14:17

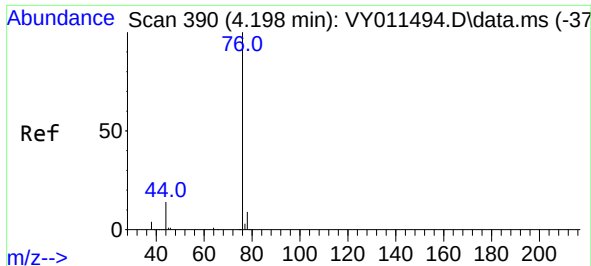
Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 40.4 22.0 33.0#

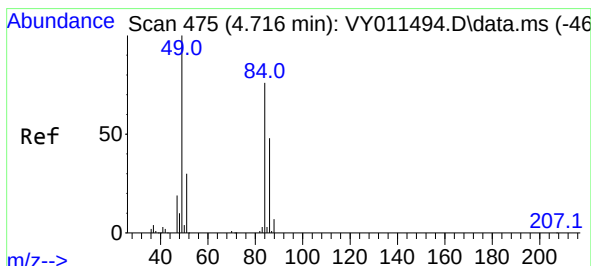
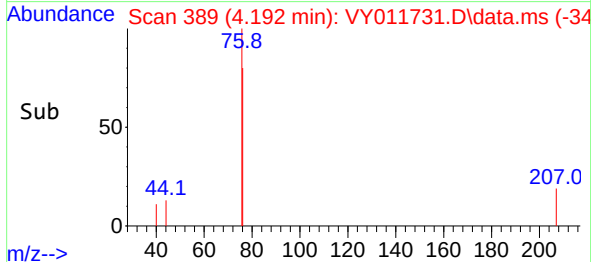
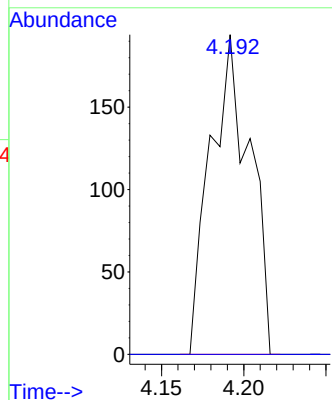
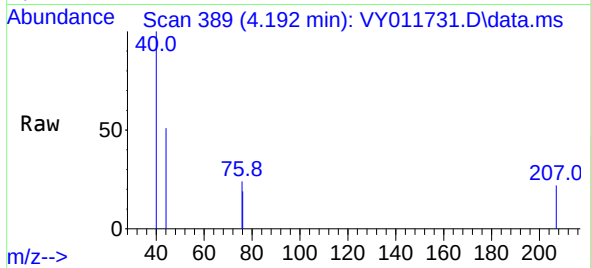




#17
Carbon Disulfide
Concen: 1.736 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

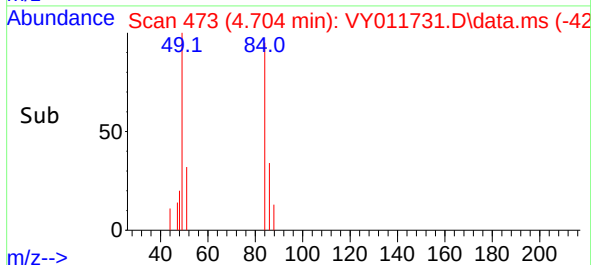
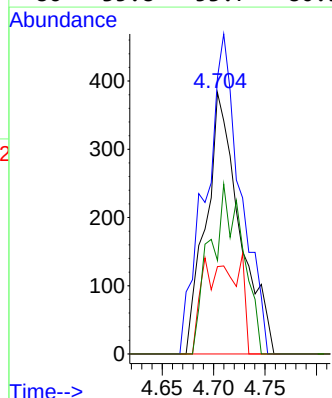
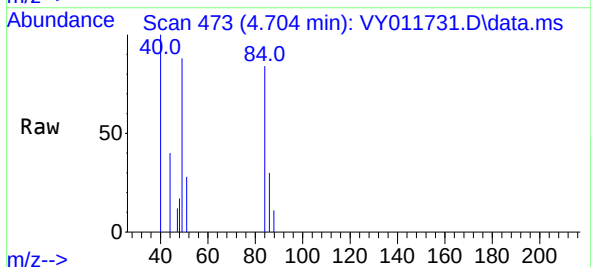
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

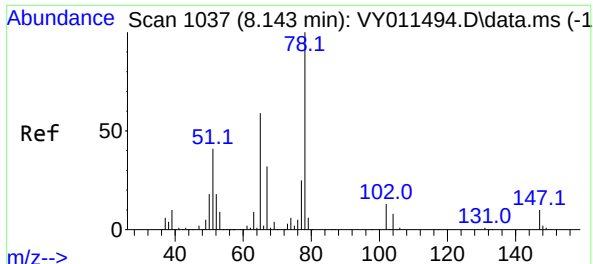
Tgt Ion: 76 Resp: 324
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 84 Resp: 877
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 33.4 35.3 52.9#
86 35.8 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 44.769 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011731.D

Acq: 07 Dec 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

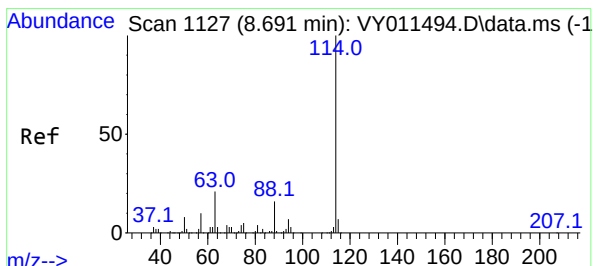
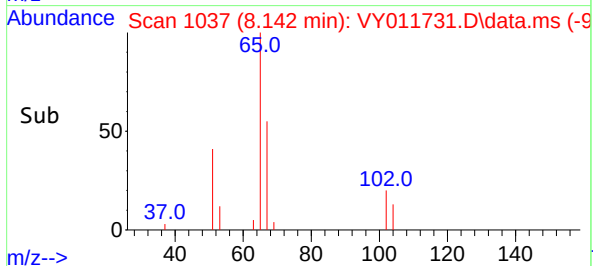
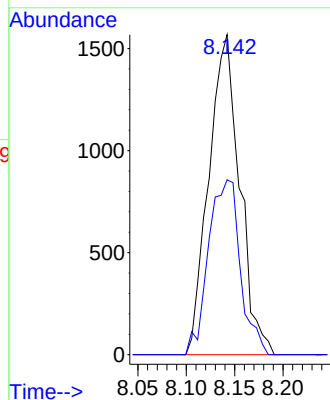
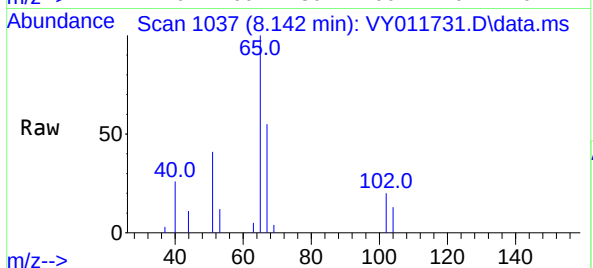
STOCK-PILE

Tgt Ion: 65 Resp: 3483

Ion Ratio Lower Upper

65 100

67 56.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011731.D

Acq: 07 Dec 2022 14:17

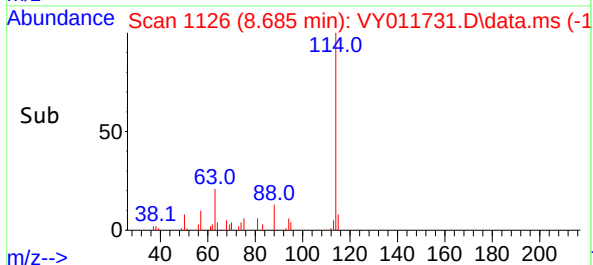
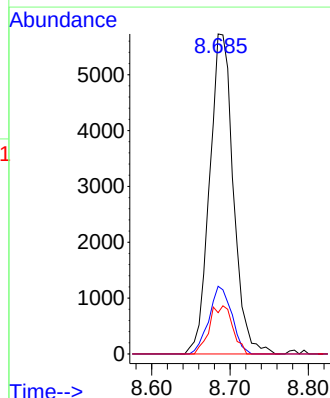
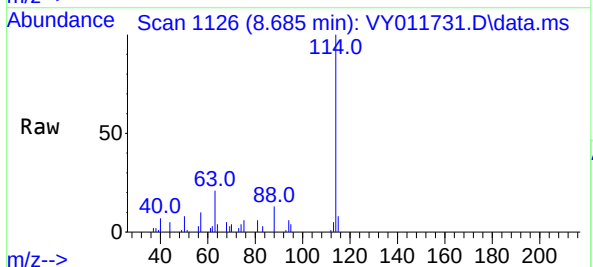
Tgt Ion: 114 Resp: 12058

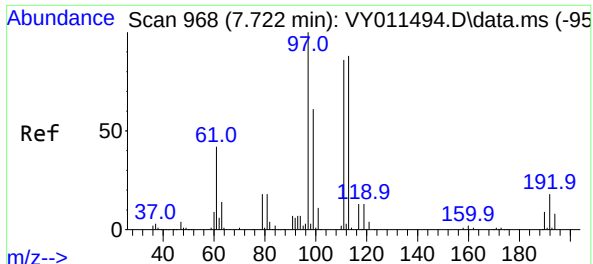
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 12.9 0.0 31.8

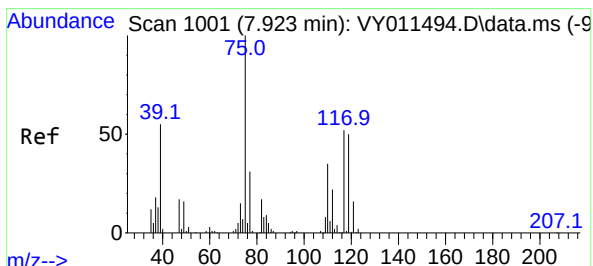
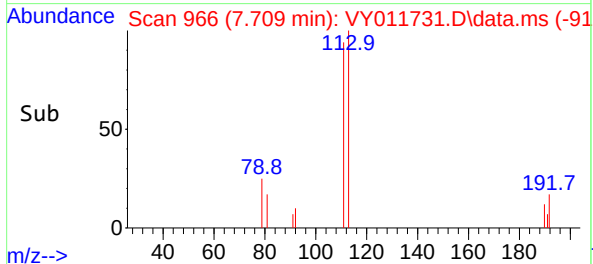
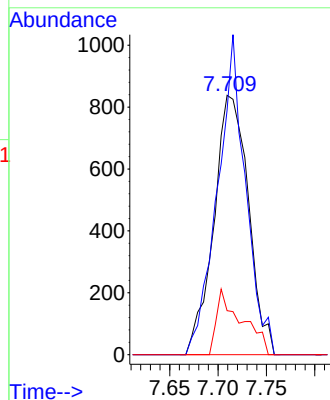
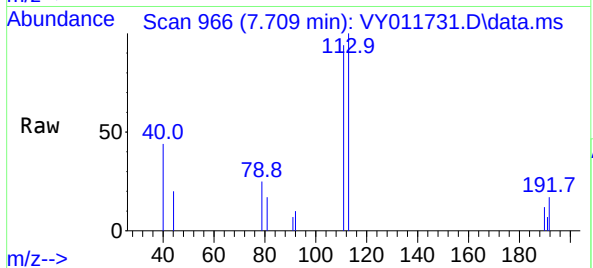




#35
Dibromofluoromethane
Concen: 28.103 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

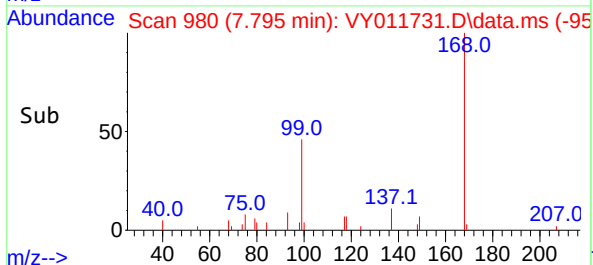
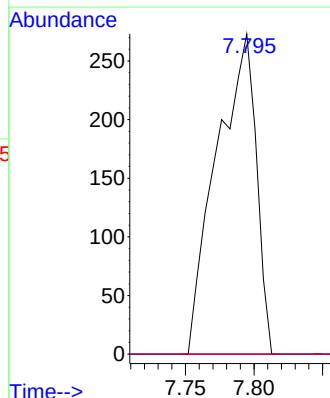
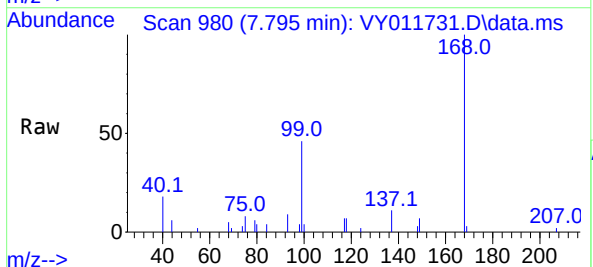
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

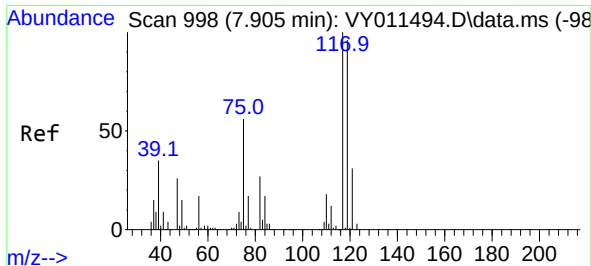
Tgt Ion:113 Resp: 2086
Ion Ratio Lower Upper
113 100
111 100.3 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 75 Resp: 548
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

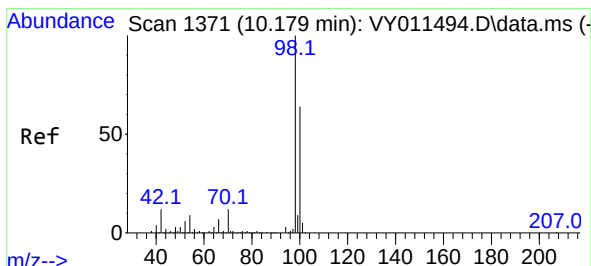
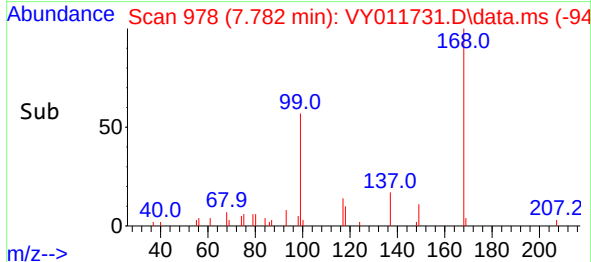
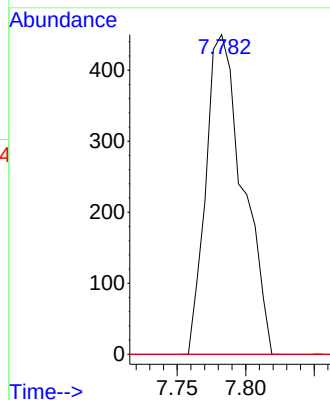
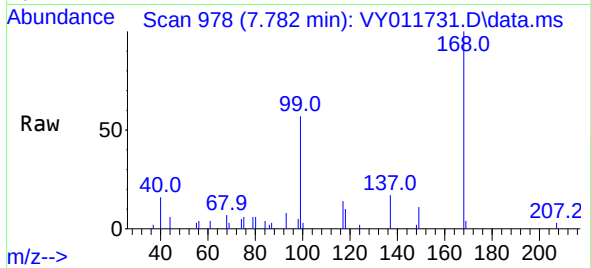




#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.123 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

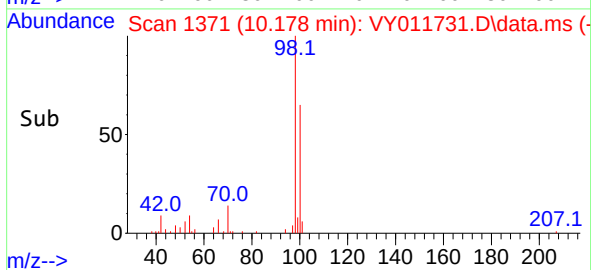
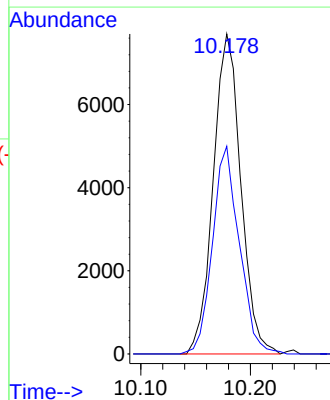
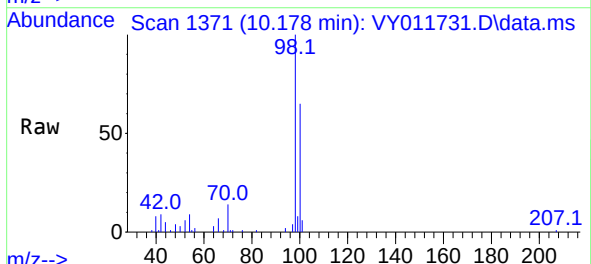
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ClientSampleId :
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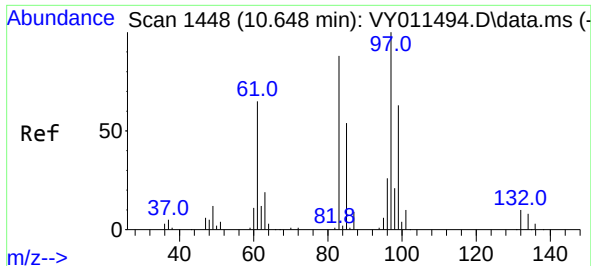
Tgt Ion:117 Resp: 849
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.904 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 98 Resp: 13461
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

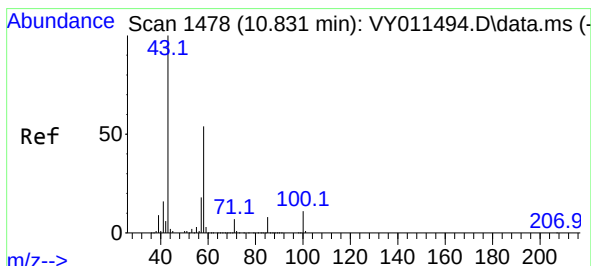
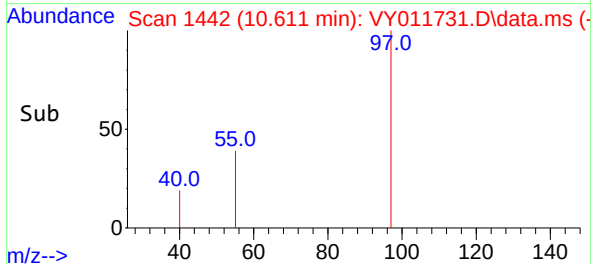
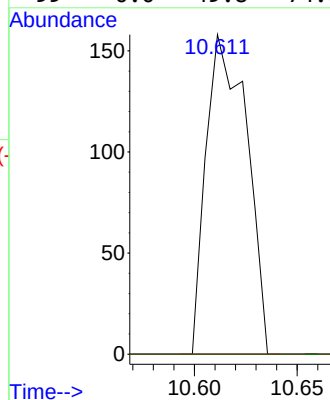
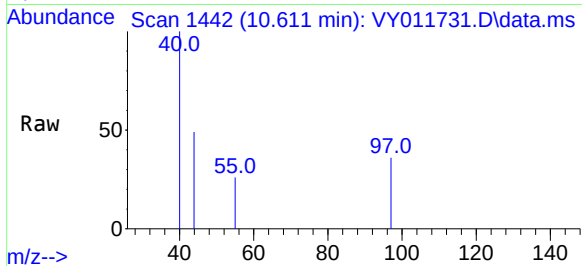




#55
1,1,2-Trichloroethane
Concen: 3.140 ug/l
RT: 10.611 min Scan# 1442
Delta R.T. -0.037 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

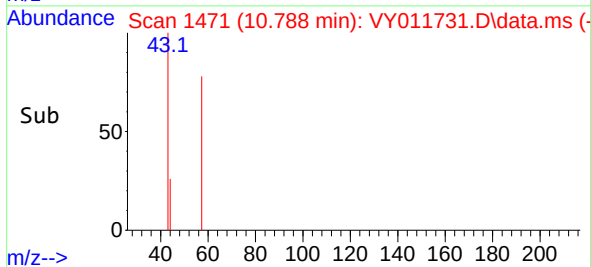
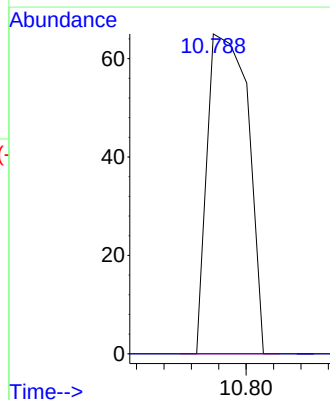
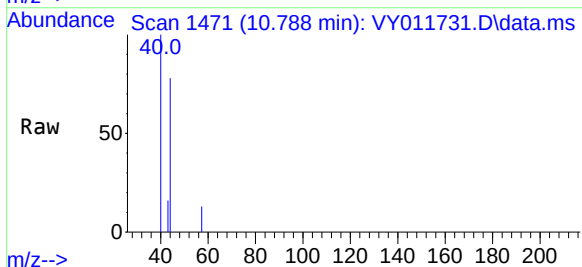
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

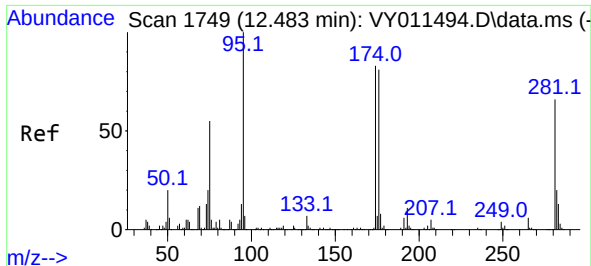
Tgt Ion: 97	Resp: 217
Ion Ratio	Lower Upper
97 100	
83 0.0	69.8 104.8#
85 0.0	44.3 66.5#
99 0.0	49.8 74.6#



#59
2-Hexanone
Concen: 1.417 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.043 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 43	Resp: 67
Ion Ratio	Lower Upper
43 100	
58 0.0	24.4 73.4#

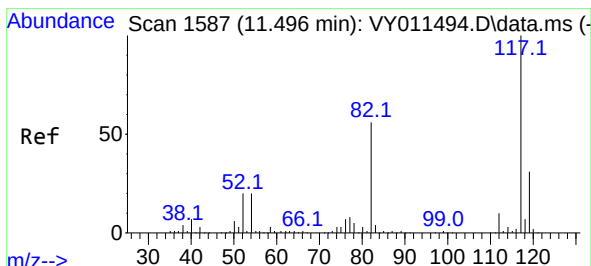
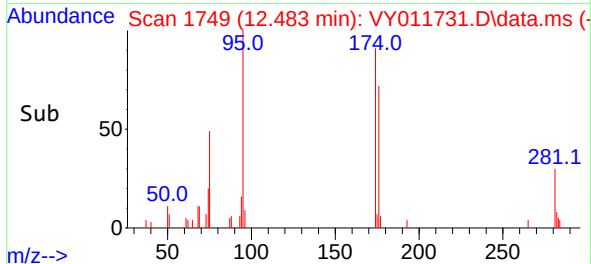
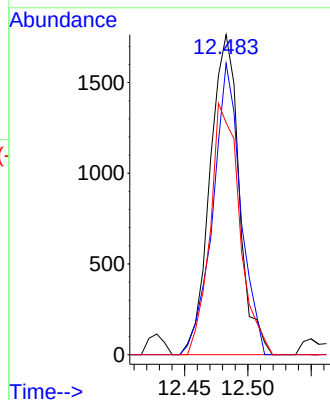
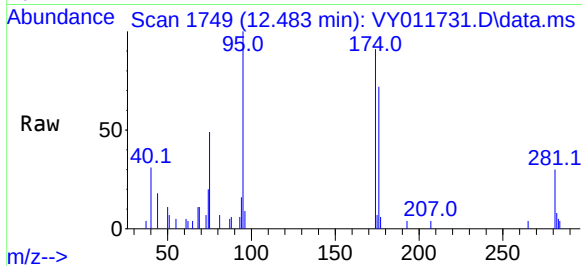




#62
4-Bromofluorobenzene
Concen: 28.246 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

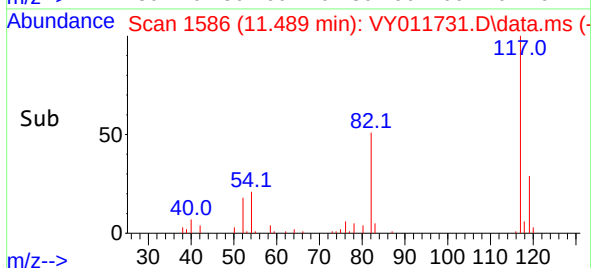
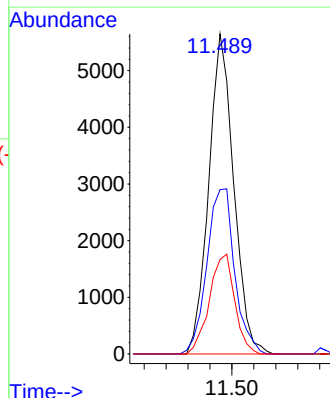
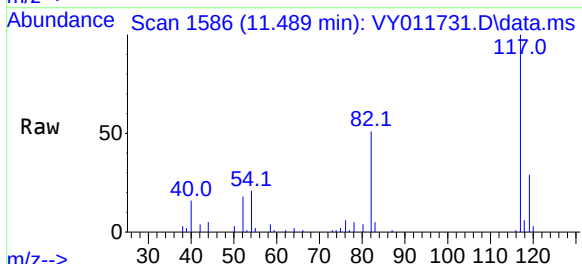
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

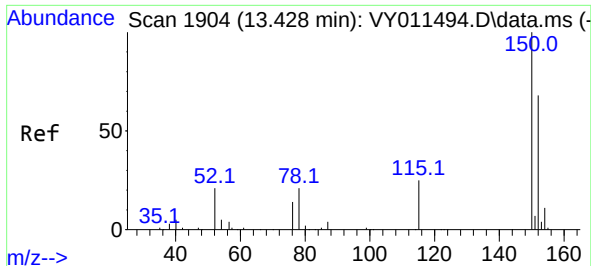
Tgt Ion: 95 Resp: 2817
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

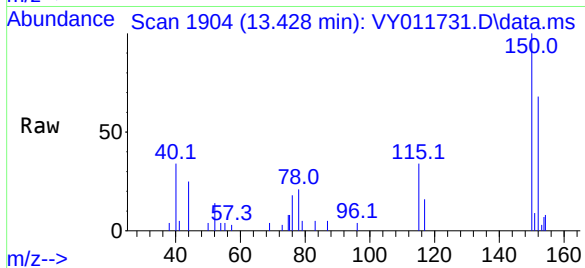
Tgt Ion: 117 Resp: 8939
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 29.5 25.4 38.0



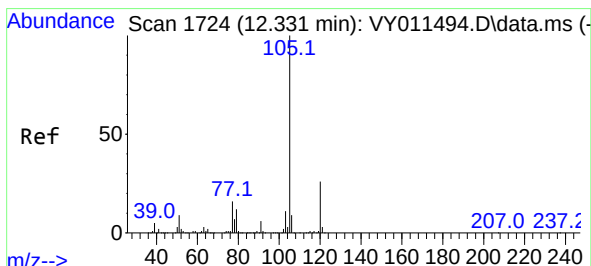
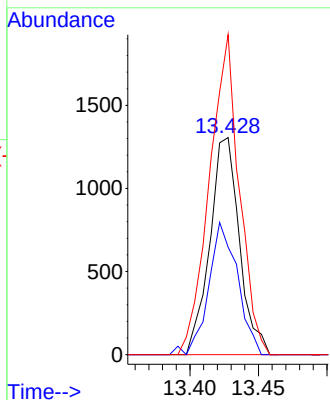
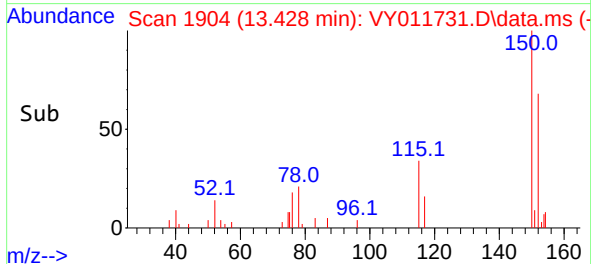


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

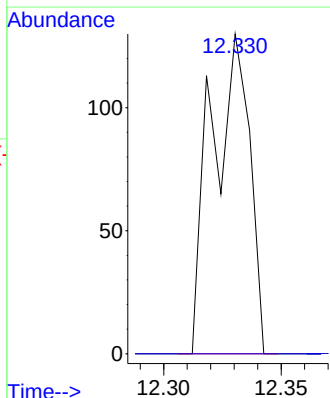
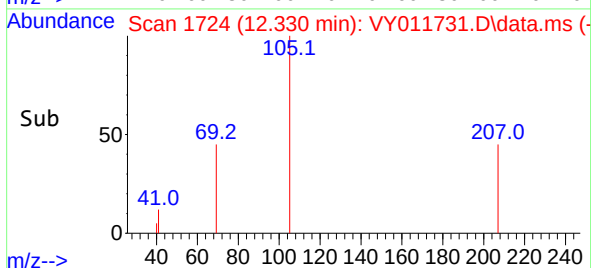
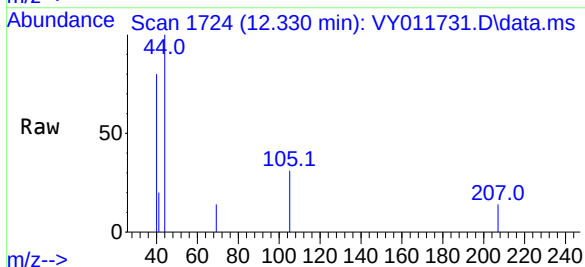


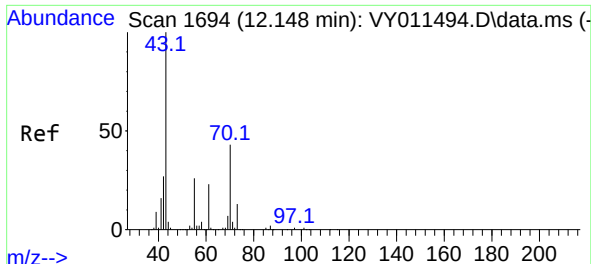
Tgt Ion:152 Resp: 1965
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 148.7 0.0 347.6



#73
Isopropylbenzene
Concen: 1.027 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.001 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion:105 Resp: 146
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#

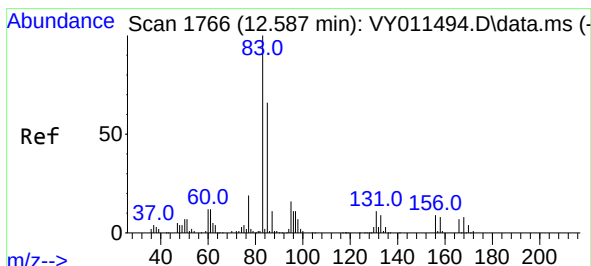
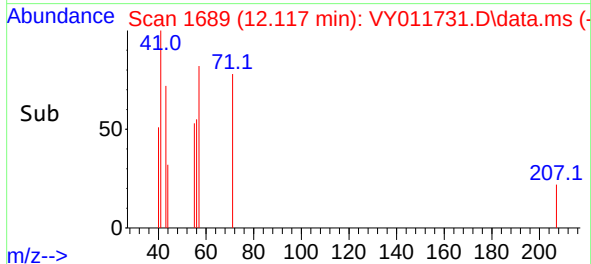
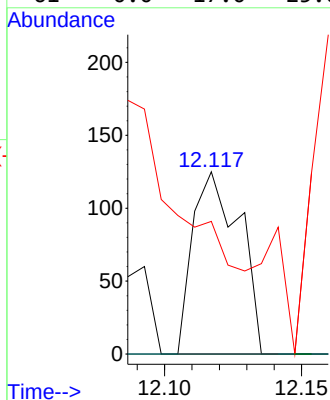
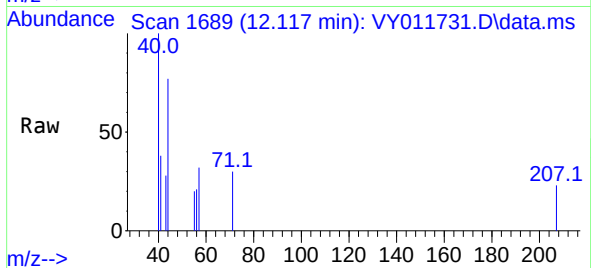




#74
N-amy1 acetate
Concen: 4.246 ug/l
RT: 12.117 min Scan# 1
Delta R.T. -0.031 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

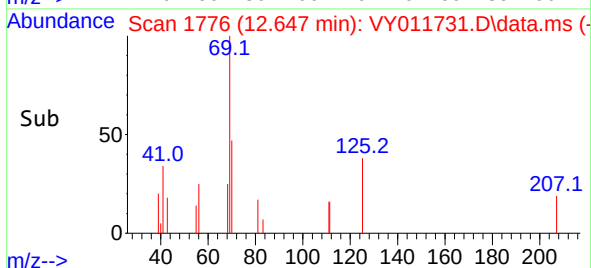
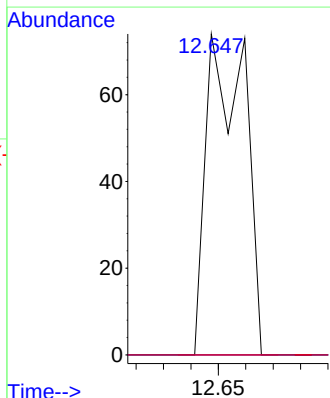
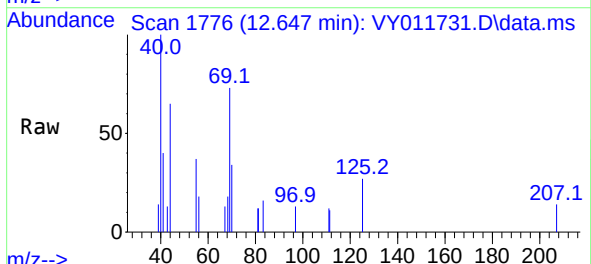
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

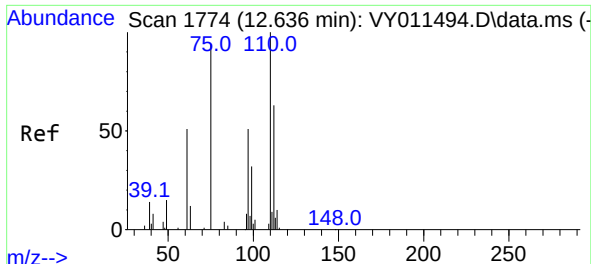
Tgt Ion:	43	Resp:	149
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	17.3	25.9#
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.571 ug/l
RT: 12.647 min Scan# 1776
Delta R.T. 0.060 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion:	83	Resp:	72
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.3	96.8#

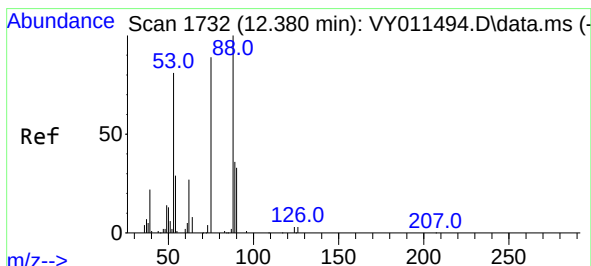
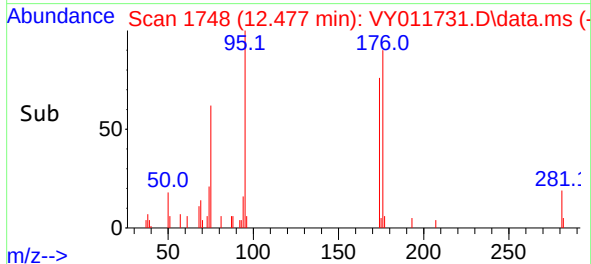
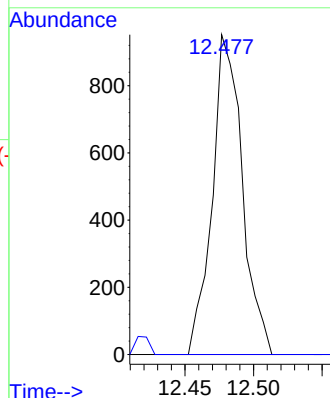
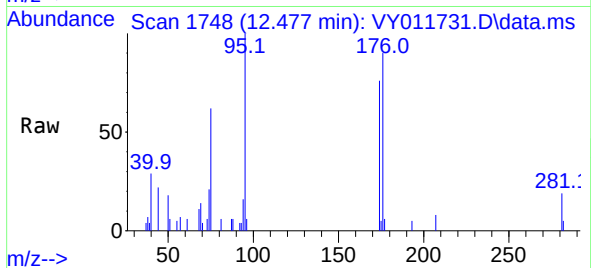




#76
1,2,3-Trichloropropane
Concen: 68.425 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

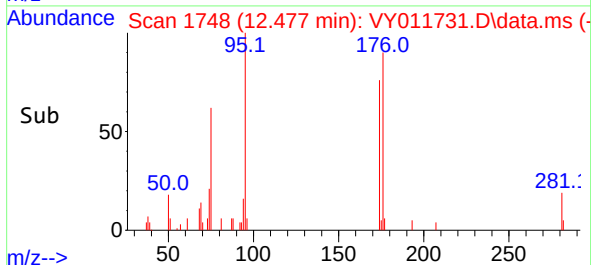
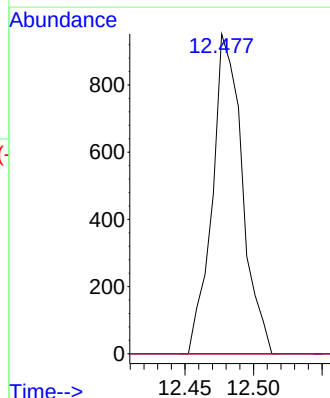
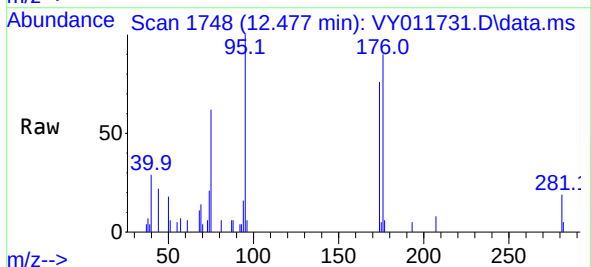
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

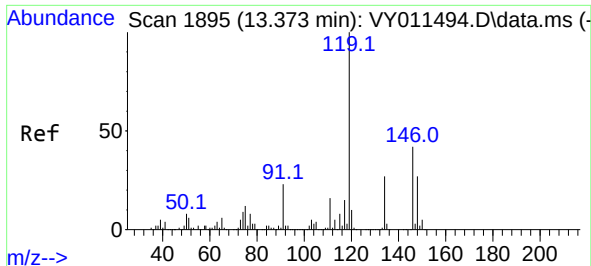
Tgt Ion: 75 Resp: 1448
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 149.875 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 75 Resp: 1448
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

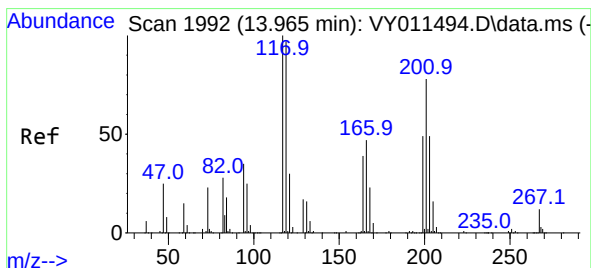
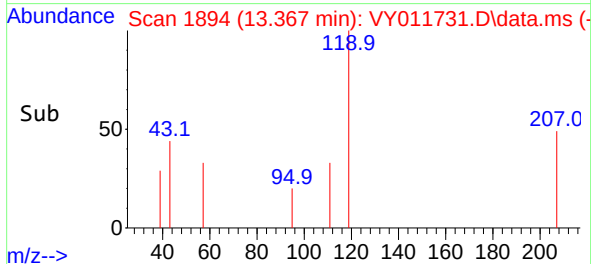
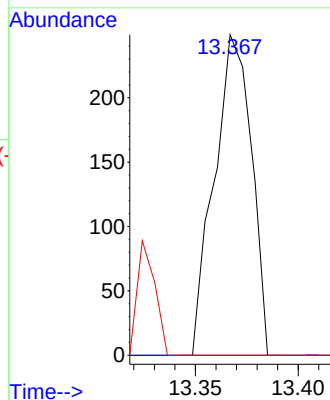
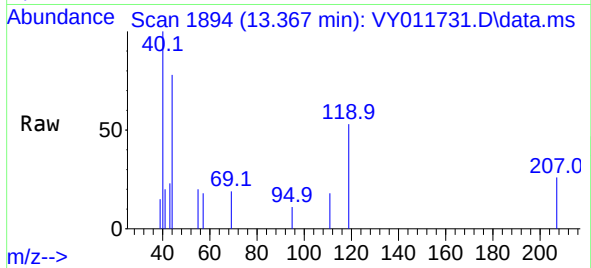




#86
p-Isopropyltoluene
Concen: 2.417 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

Tgt Ion:119 Resp: 314
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 0.0 12.4 37.2#



#90
Hexachloroethane
Concen: 7.241 ug/l
RT: 14.080 min Scan# 2011
Delta R.T. 0.115 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion:117 Resp: 190
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

