

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011332.D
 Acq On : 07 Nov 2022 13:41
 Operator : KP/MD
 Sample : N5495-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-32A

Quant Time: Nov 08 03:29:08 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)

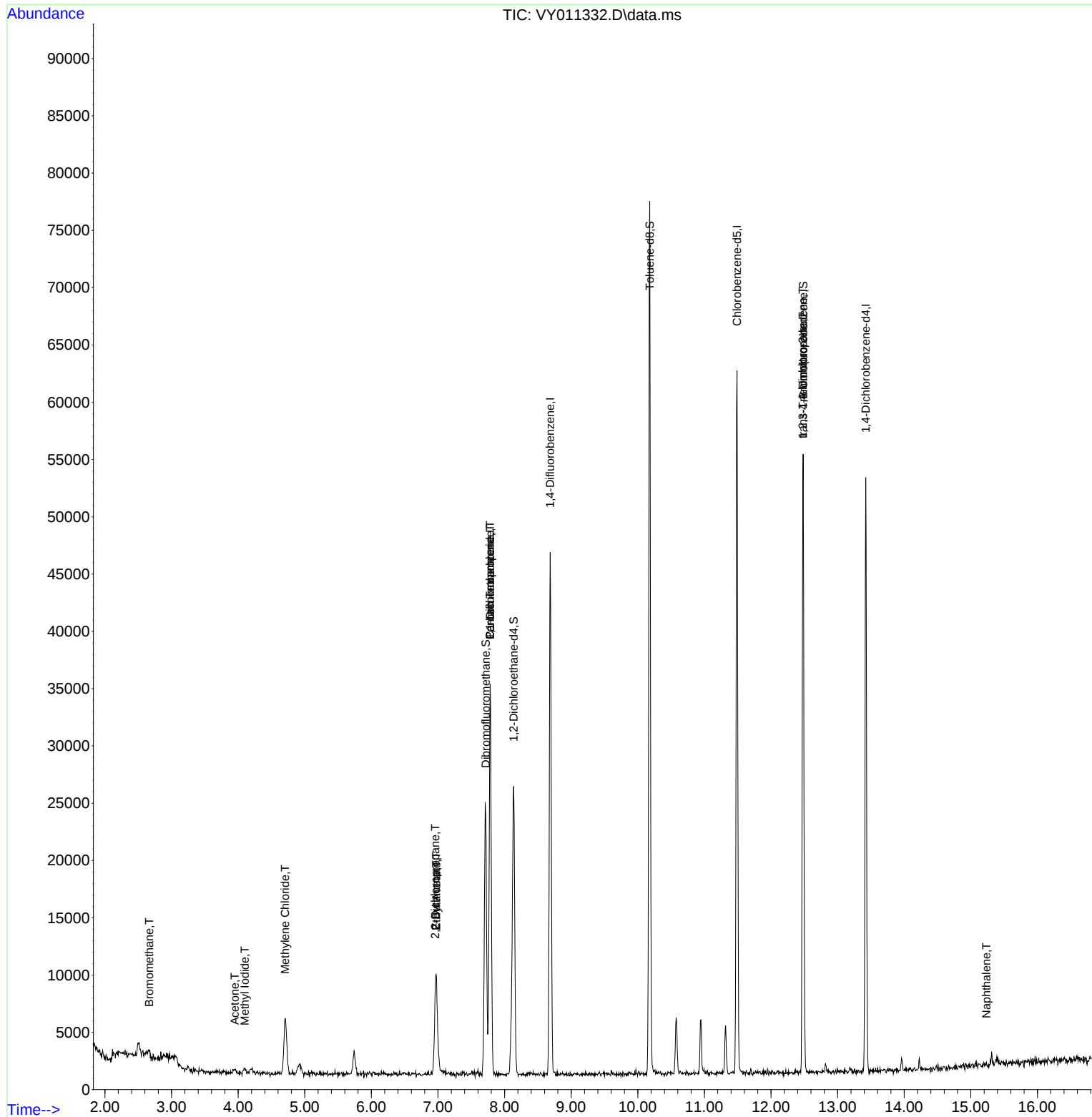
Internal Standards						
1) Pentafluorobenzene	7.783	168	26568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17731	62.401	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	124.800%	
35) Dibromofluoromethane	7.716	113	17396	64.864	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	129.720%	
50) Toluene-d8	10.179	98	52455	50.376	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	100.760%	
62) 4-Bromofluorobenzene	12.483	95	15842	43.824	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	87.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	309	1.407	ug/l #	64
10) Methyl Iodide	4.100	142	573	1.523	ug/l #	63
11) Tert butyl alcohol	4.923	59	1093	Below Cal	#	77
16) Acetone	3.948	43	814	9.490	ug/l #	63
20) Methylene Chloride	4.704	84	4158	7.588	ug/l #	76
25) 2-Butanone	6.972	43	601	4.980	ug/l #	54
26) 2,2-Dichloropropane	6.960	77	720	1.385	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	1924	4.393	ug/l #	48
37) Ethyl Acetate	6.972	43	601	2.546	ug/l #	1
38) Carbon Tetrachloride	7.783	117	2470	5.436	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	7750	43.353	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	7750	92.781	ug/l #	7
95) Naphthalene	15.233	128	90	4.095	ug/l #	69

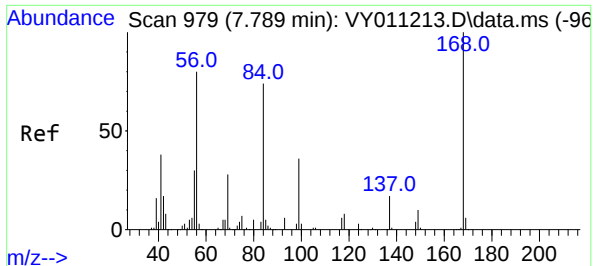
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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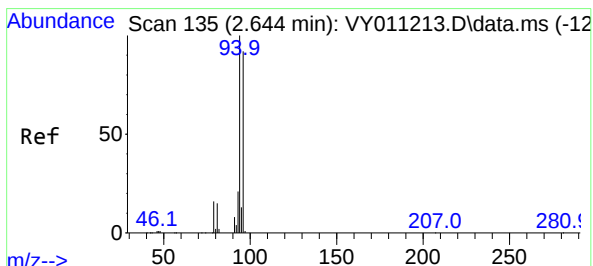
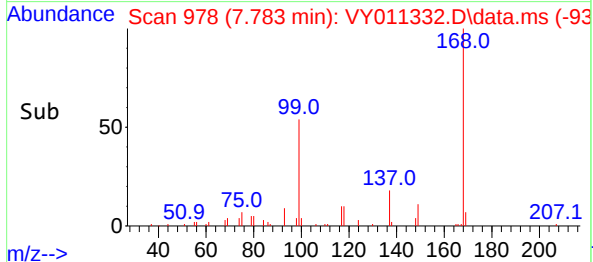
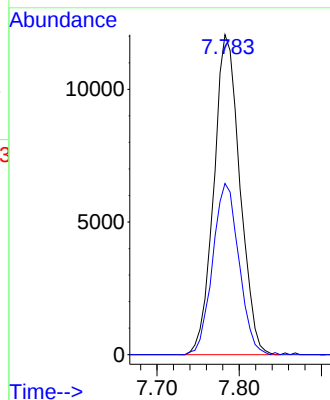
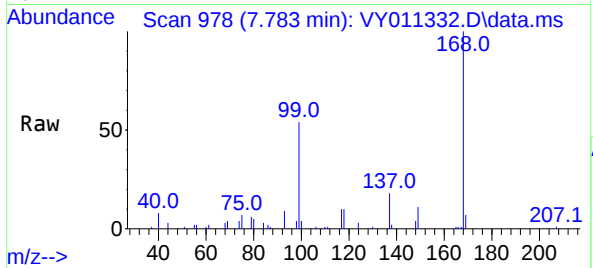




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

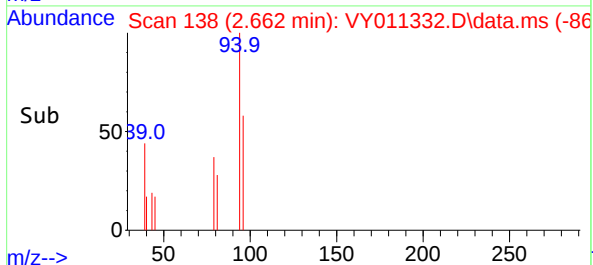
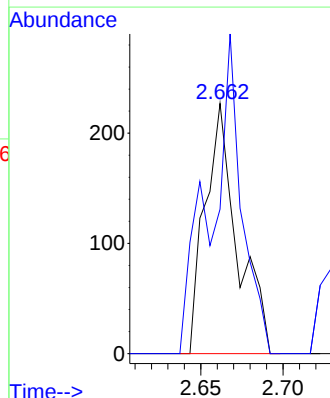
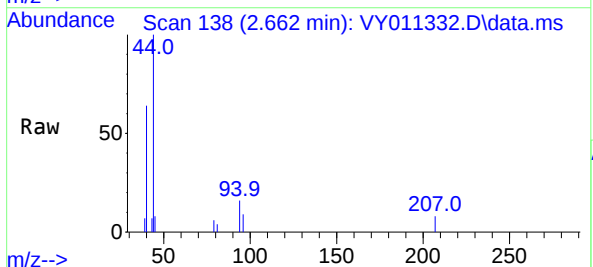
Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

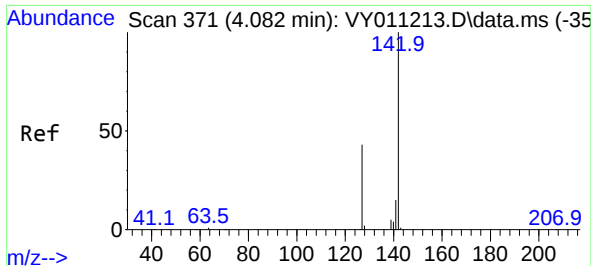
Tgt Ion:168 Resp: 26568
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#5
Bromomethane
Concen: 1.407 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 57.7 73.5 110.3#

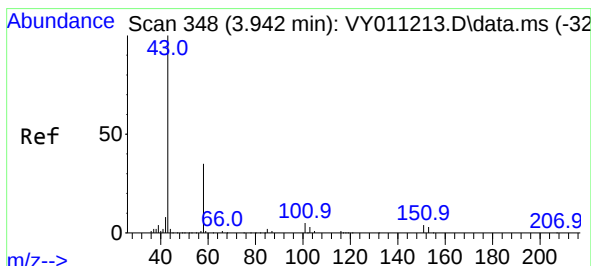
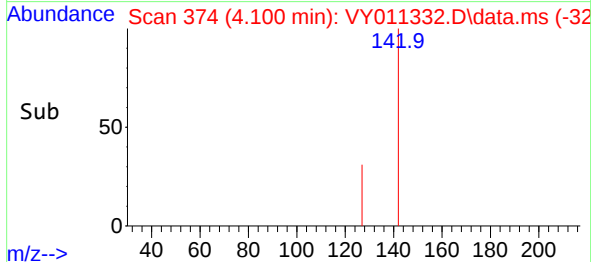
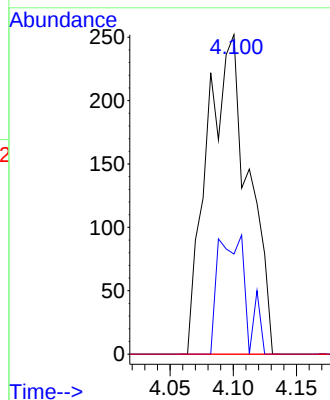
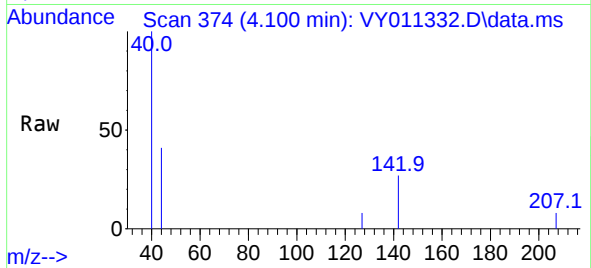




#10
Methyl Iodide
Concen: 1.523 ug/l
RT: 4.100 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

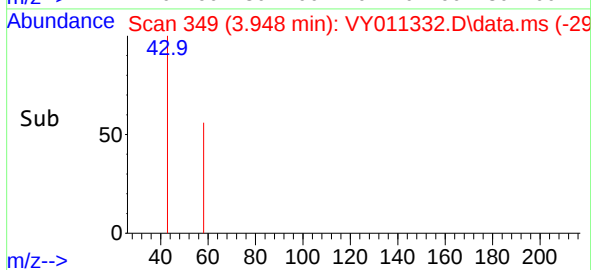
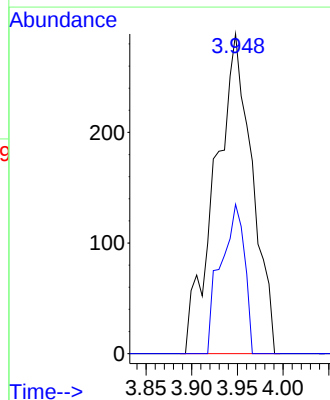
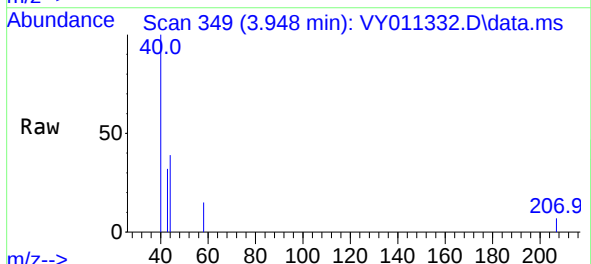
Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

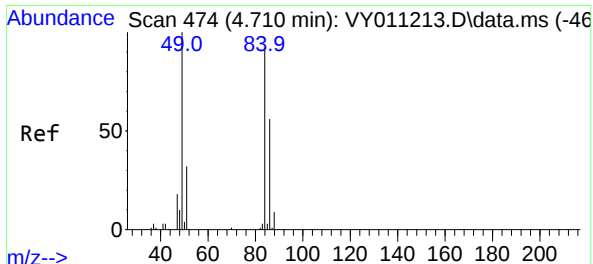
Tgt Ion:142 Resp: 573
Ion Ratio Lower Upper
142 100
127 25.3 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 9.490 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 46.7 22.0 33.0#



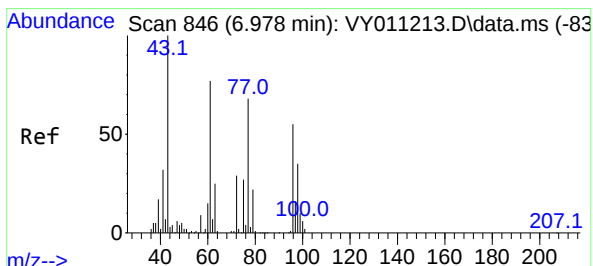
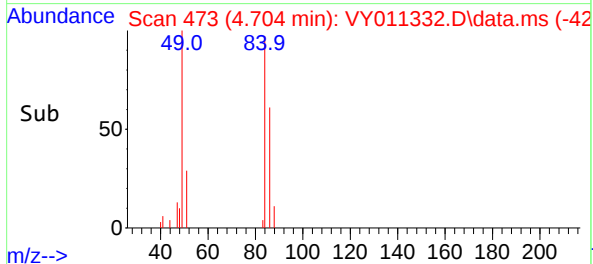
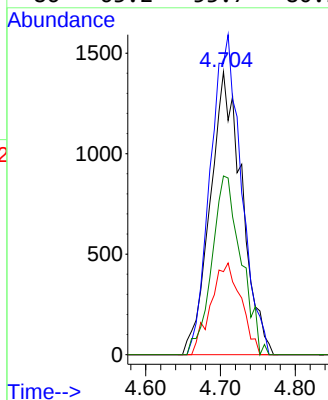
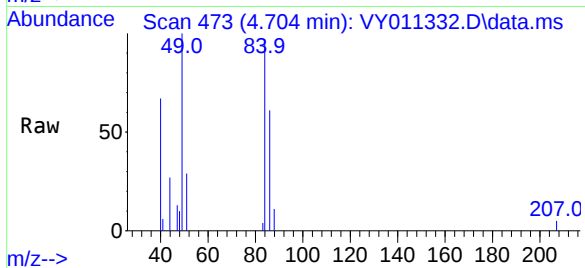


#20
Methylene Chloride
Concen: 7.588 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

Tgt Ion: 84 Resp: 4158

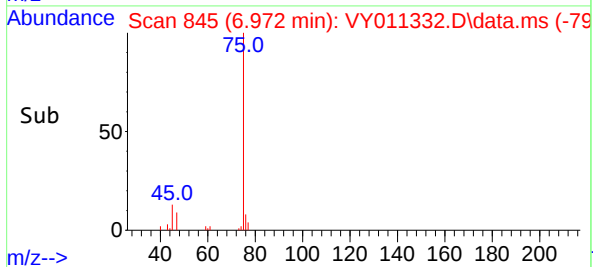
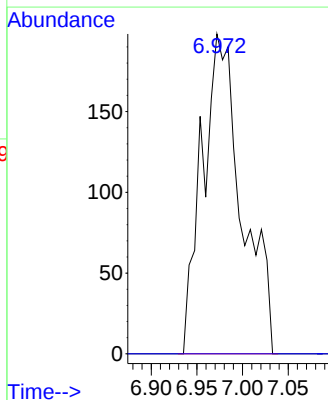
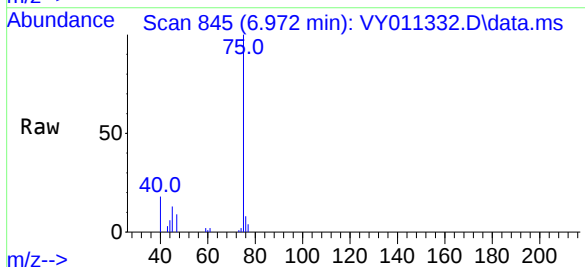
Ion	Ratio	Lower	Upper
84	100		
49	102.9	114.4	171.6#
51	29.4	35.3	52.9#
86	63.2	53.7	80.5

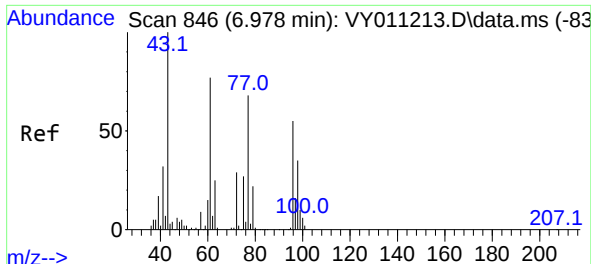


#25
2-Butanone
Concen: 4.980 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 43 Resp: 601

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.385 ug/l

RT: 6.960 min Scan# 846

Delta R.T. -0.018 min

Lab File: VY011332.D

Acq: 07 Nov 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

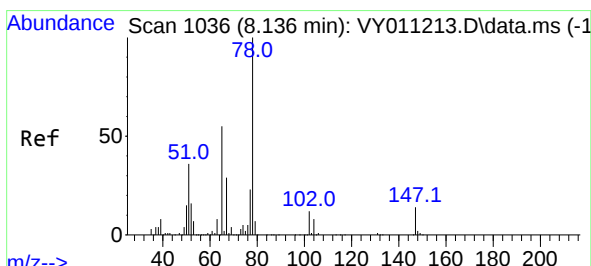
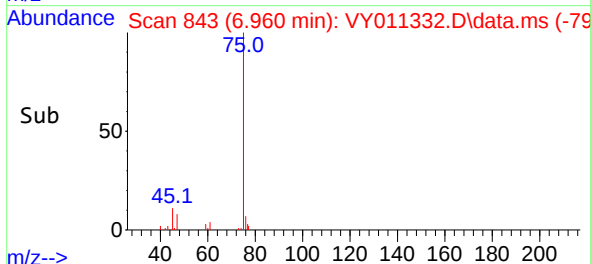
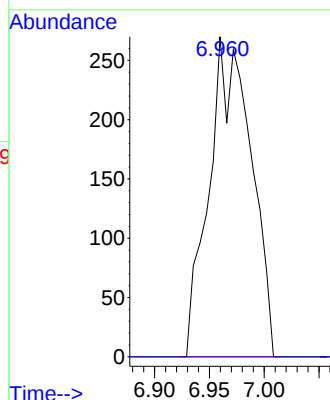
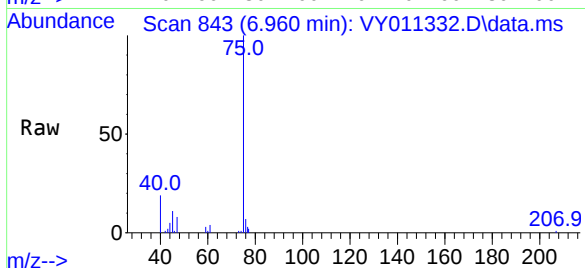
SB-32A

Tgt Ion: 77 Resp: 720

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#33

1,2-Dichloroethane-d4

Concen: 62.401 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011332.D

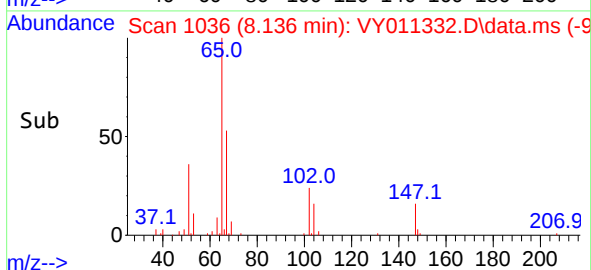
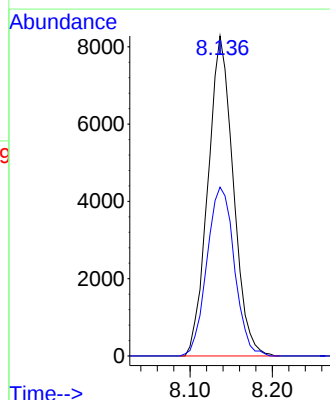
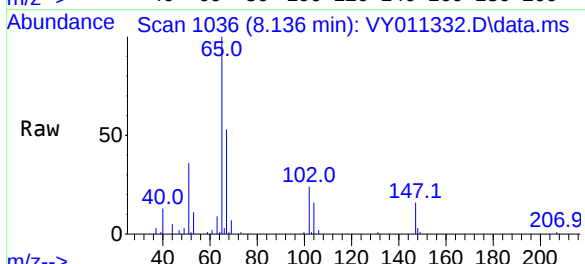
Acq: 07 Nov 2022 13:41

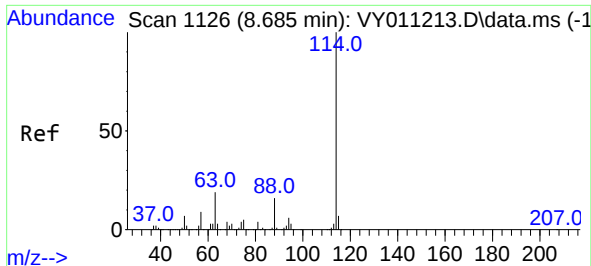
Tgt Ion: 65 Resp: 17731

Ion Ratio Lower Upper

65 100

67 57.1 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: VY011332.D

Acq: 07 Nov 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-32A

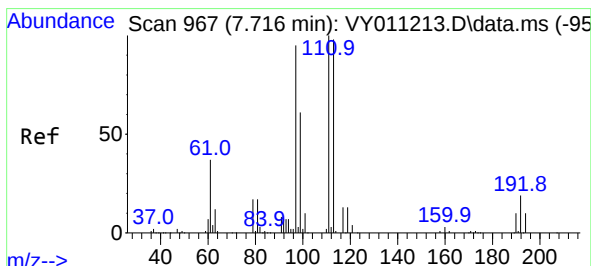
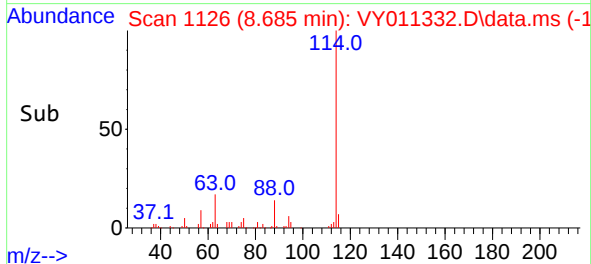
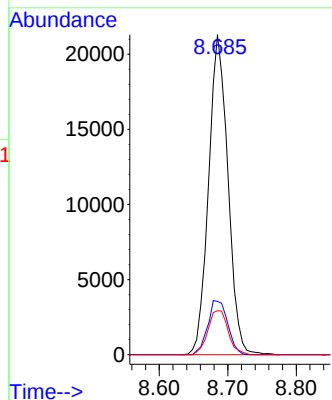
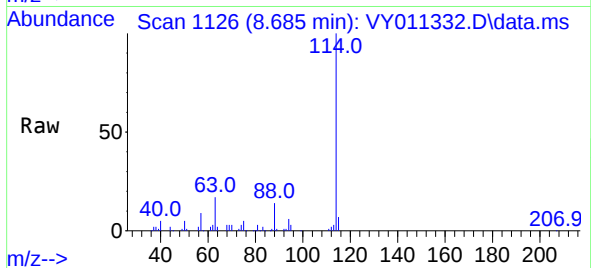
Tgt Ion:114 Resp: 41742

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 64.864 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011332.D

Acq: 07 Nov 2022 13:41

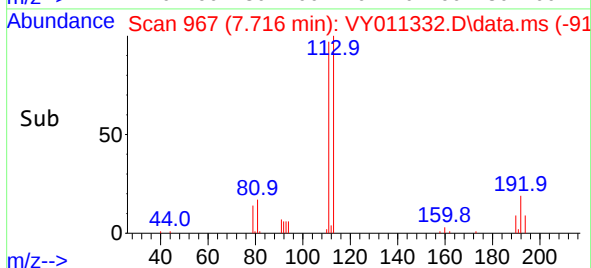
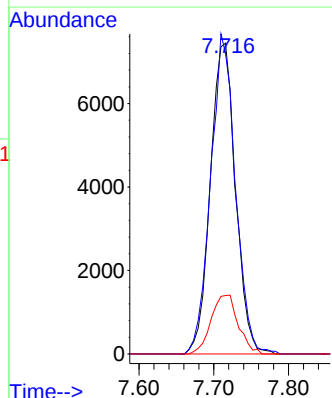
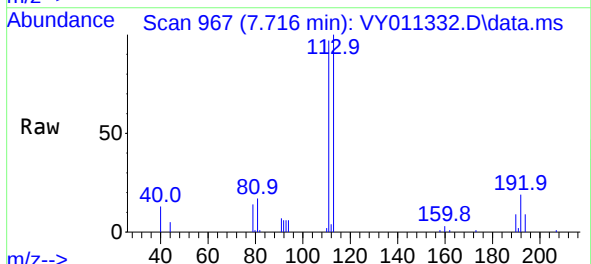
Tgt Ion:113 Resp: 17396

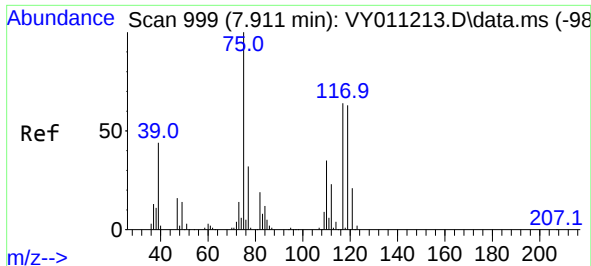
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 20.4 17.6 26.4

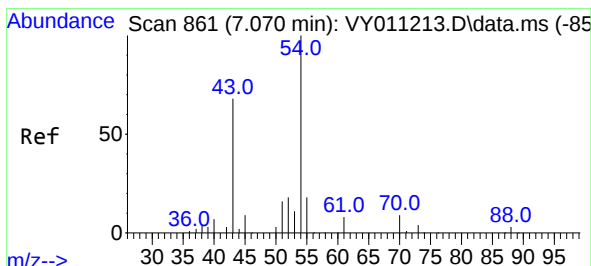
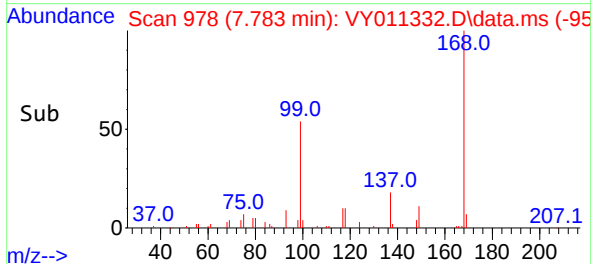
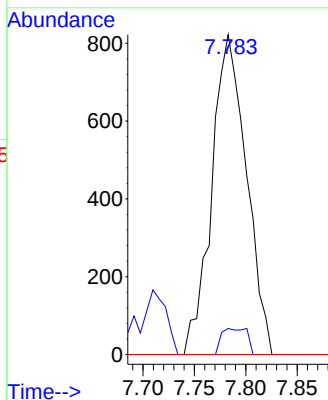
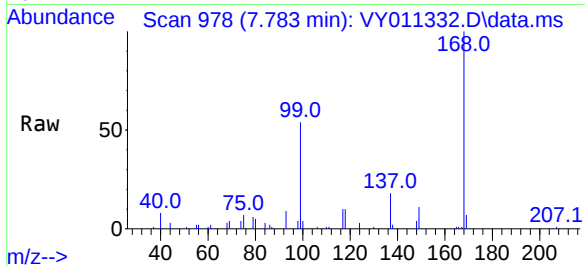




#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

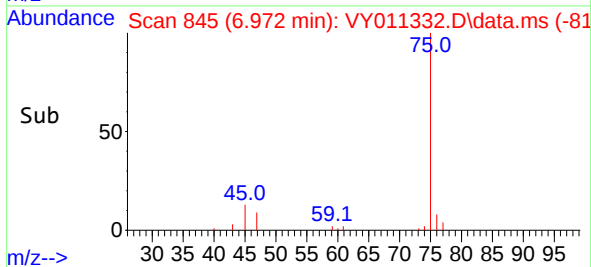
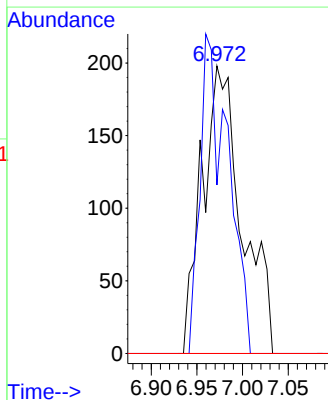
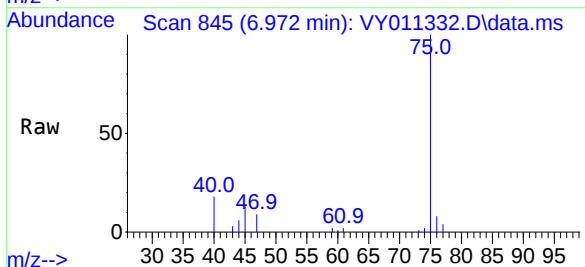
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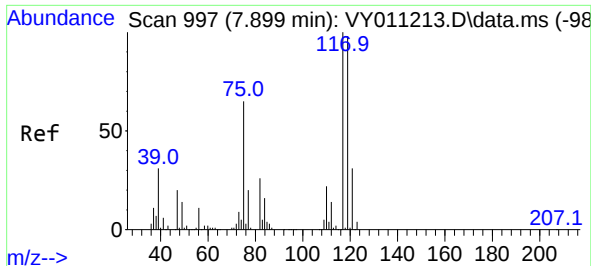
Tgt Ion: 75 Resp: 1924
Ion Ratio Lower Upper
75 100
110 6.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.546 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

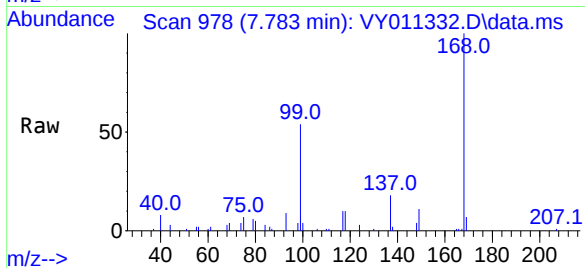
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
61 77.4 9.7 14.5#
70 0.0 7.1 10.7#



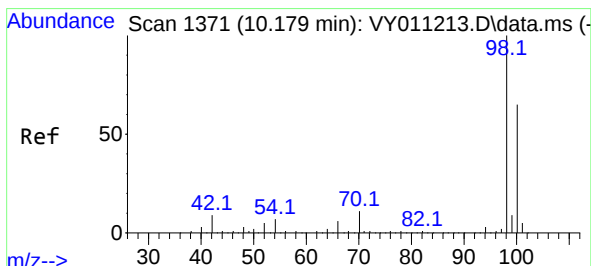
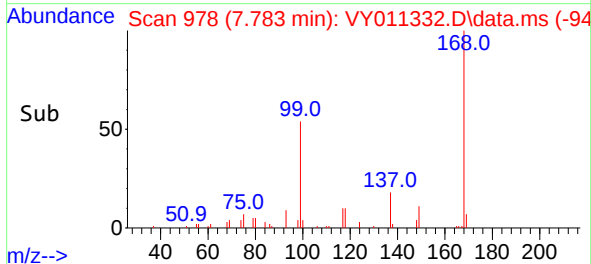
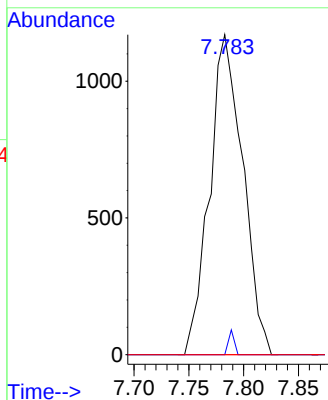


#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

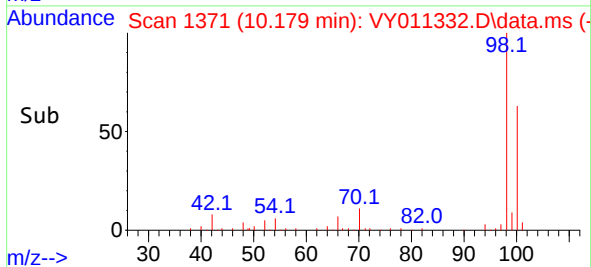
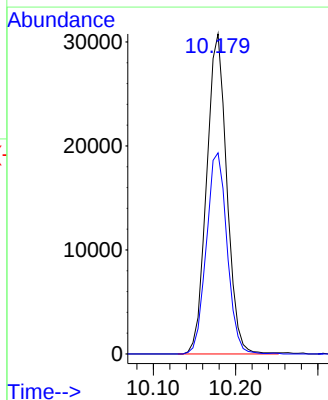
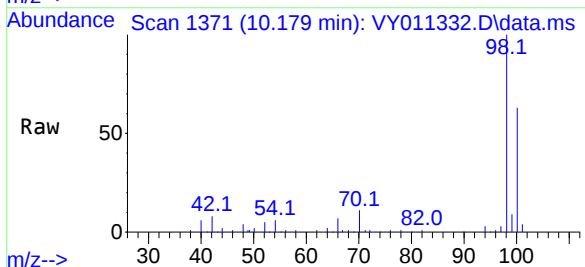


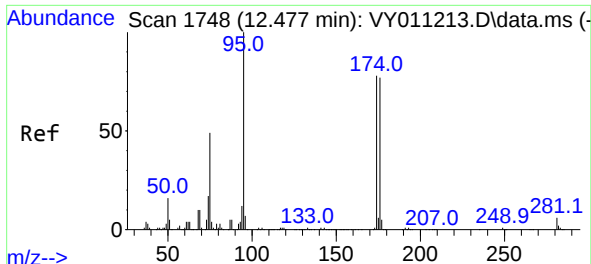
Tgt Ion:117 Resp: 2470
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 98 Resp: 52455
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

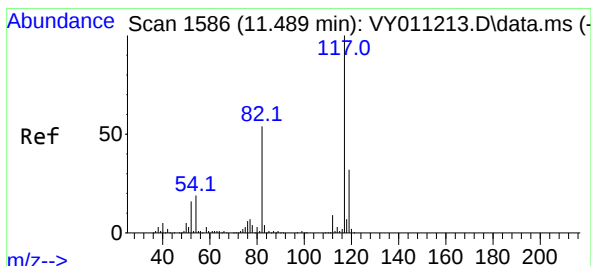
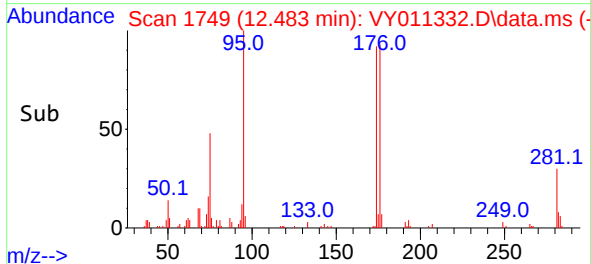
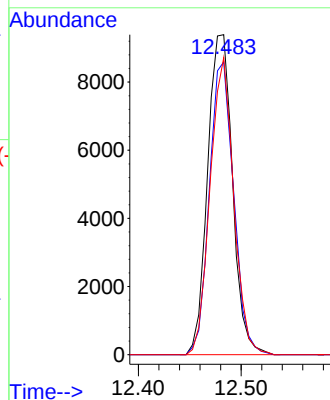
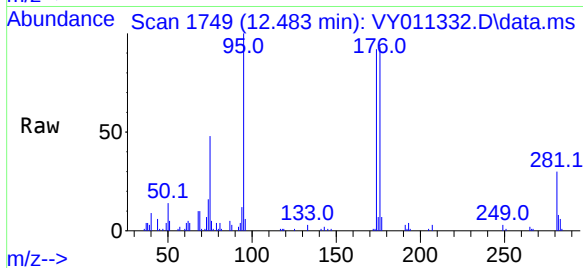




#62
4-Bromofluorobenzene
Concen: 43.824 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

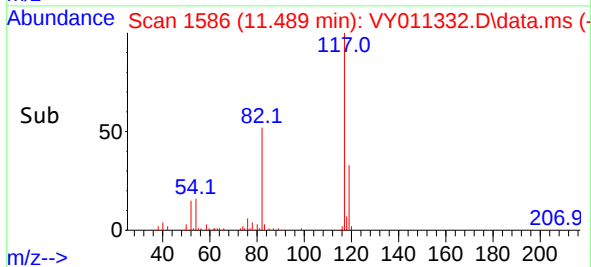
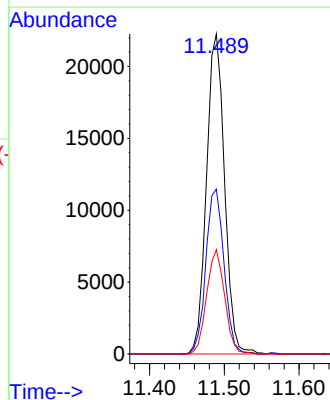
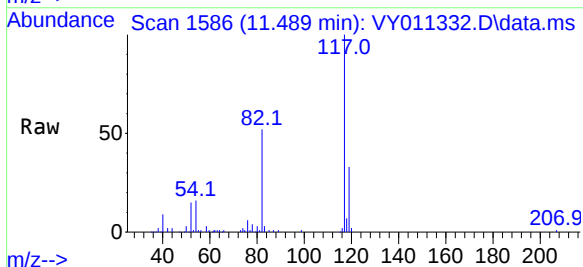
Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

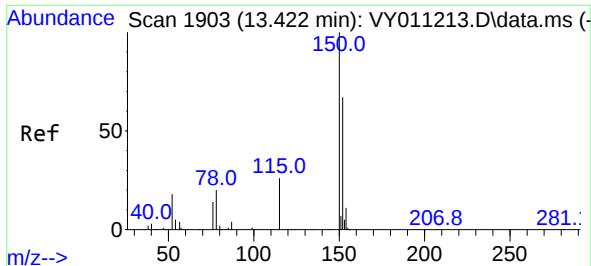
Tgt Ion: 95 Resp: 15842
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 117 Resp: 37322
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.6 25.4 38.0

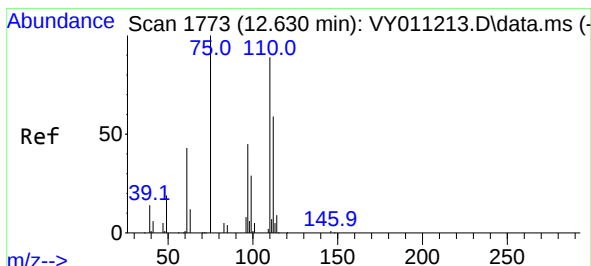
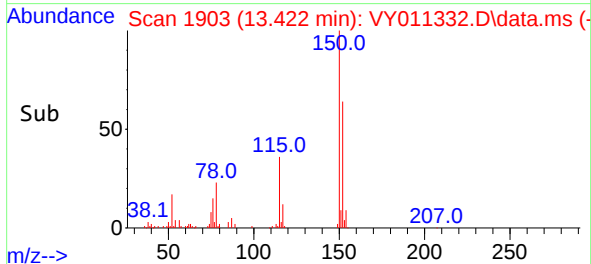
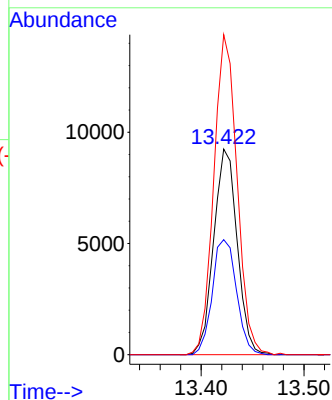
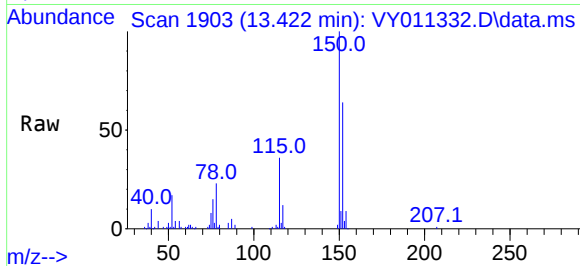




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

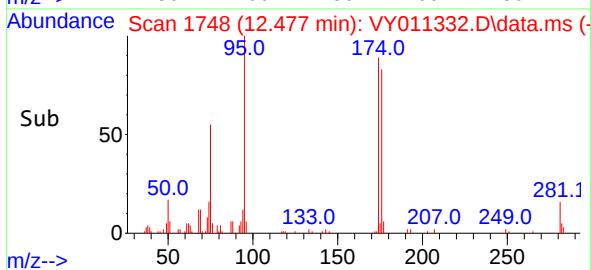
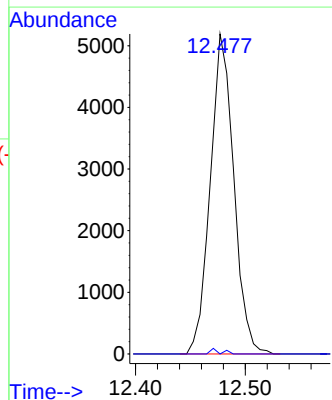
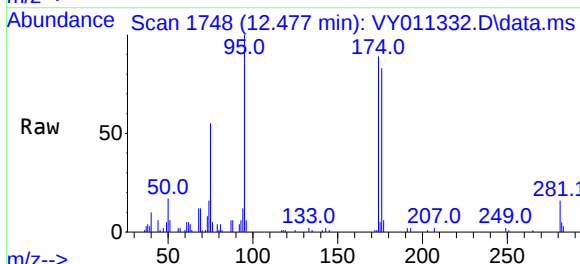
Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

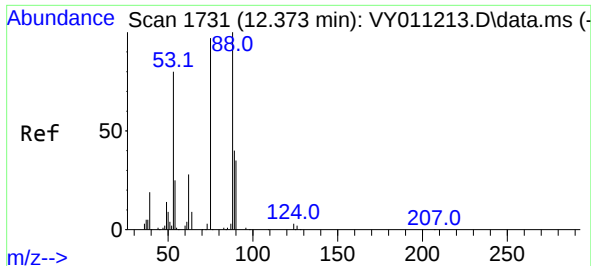
Tgt Ion:152 Resp: 14684
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 154.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 43.353 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 75 Resp: 7750
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#

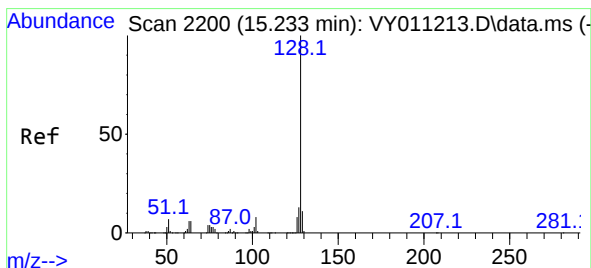
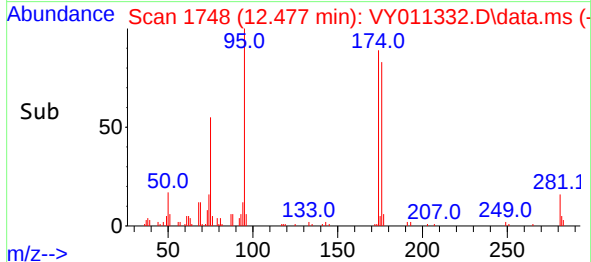
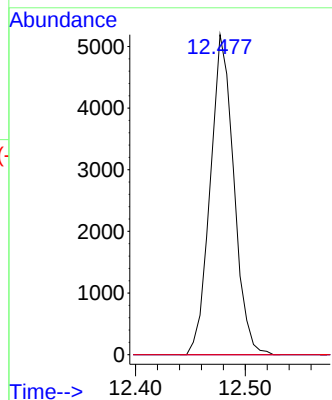
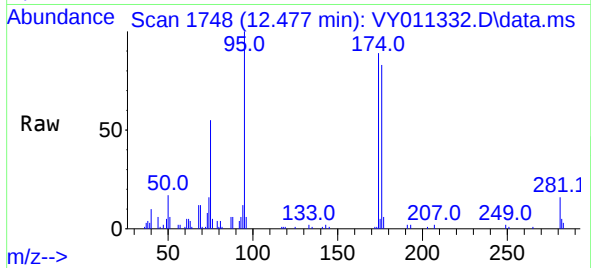




#81
trans-1,4-Dichloro-2-butene
Concen: 92.781 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

Tgt Ion: 75 Resp: 7750
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.095 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 128 Resp: 90
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

