

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011333.D
 Acq On : 07 Nov 2022 14:04
 Operator : KP/MD
 Sample : N5495-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-32B

Quant Time: Nov 08 03:29:17 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)

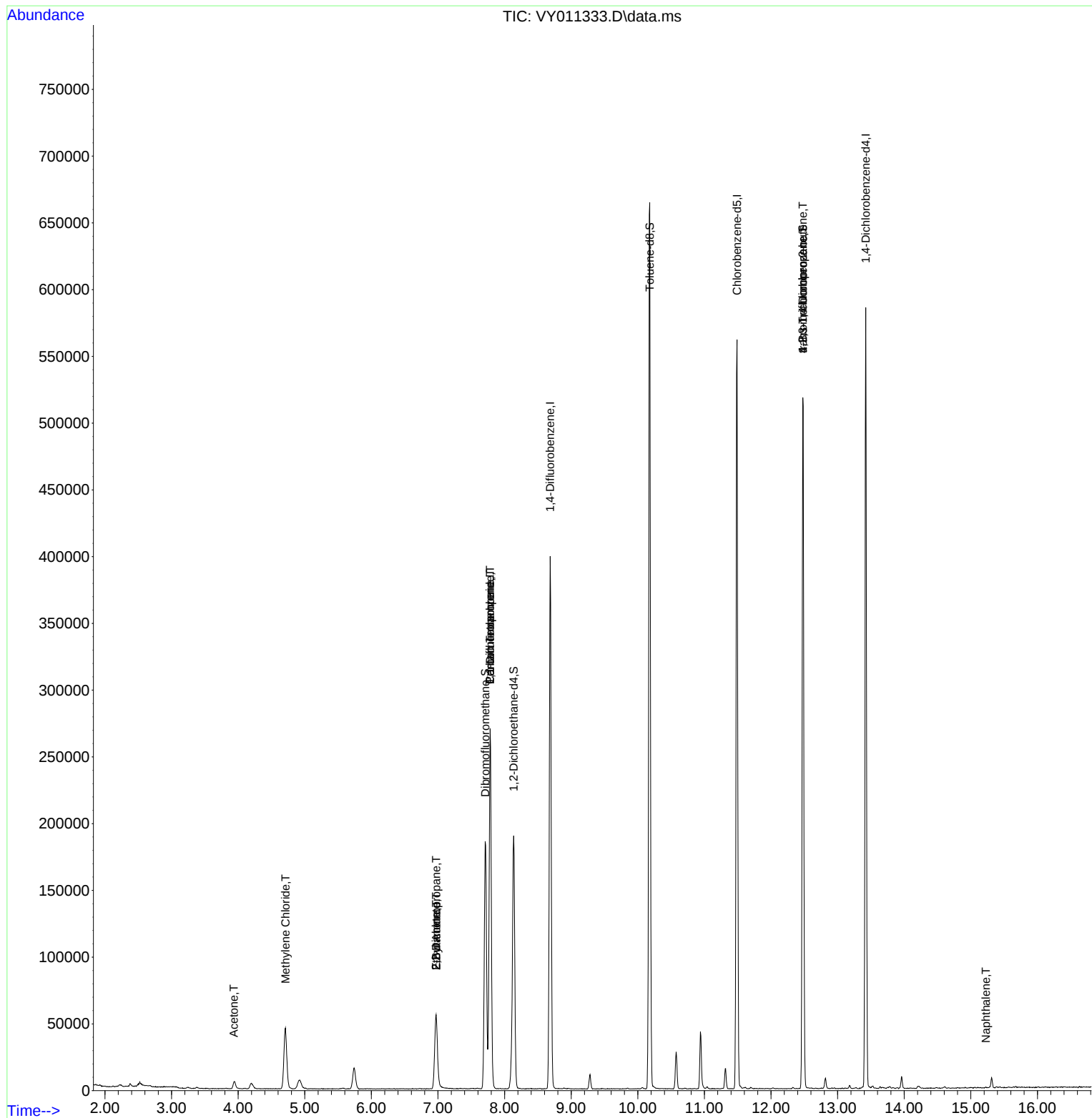
Internal Standards						
1) Pentafluorobenzene	7.783	168	214410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141192	61.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.140%	
35) Dibromofluoromethane	7.710	113	136335	60.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.180%	
50) Toluene-d8	10.179	98	454634	51.612	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.477	95	161816	52.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.840%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	176	Below Cal	#	Qvalue 43
11) Tert butyl alcohol	4.924	59	7829	Below Cal	#	77
16) Acetone	3.936	43	9478	13.692	ug/l #	89
20) Methylene Chloride	4.710	84	36426	8.715	ug/l #	83
25) 2-Butanone	6.972	43	4375	4.492	ug/l	96
26) 2,2-Dichloropropane	6.972	77	4428	1.056	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	15848	4.277	ug/l #	50
37) Ethyl Acetate	6.972	43	4375	2.190	ug/l #	15
38) Carbon Tetrachloride	7.783	117	20669	5.377	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	78079	41.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	78079	89.420	ug/l #	7
95) Naphthalene	15.227	128	331	4.013	ug/l #	69

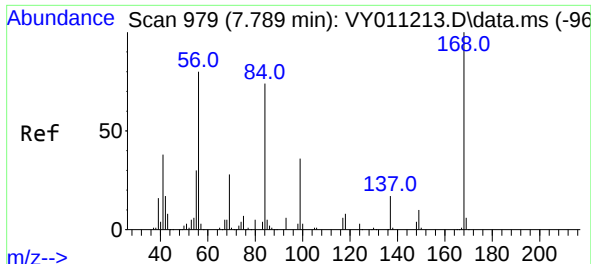
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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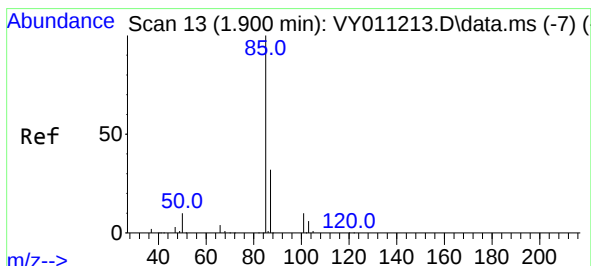
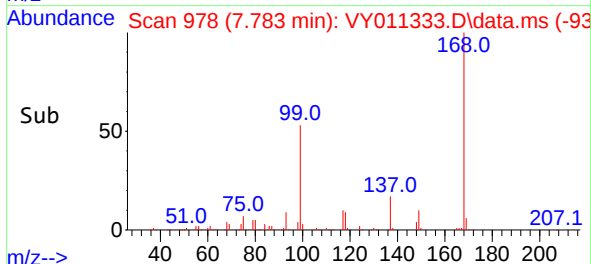
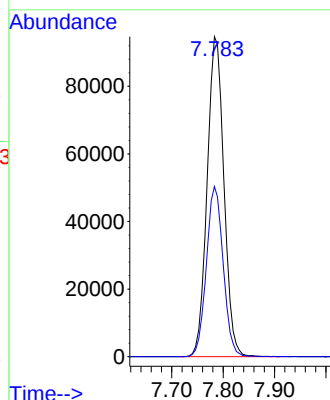
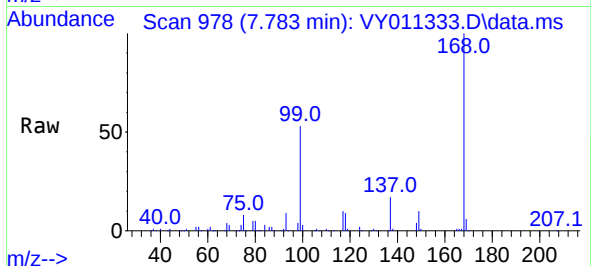




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

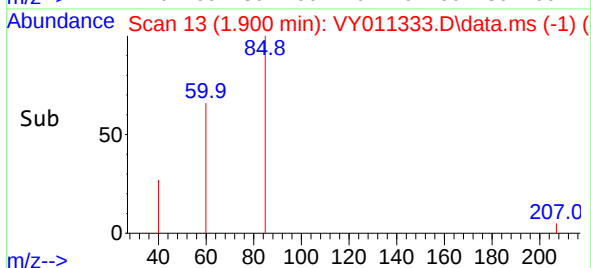
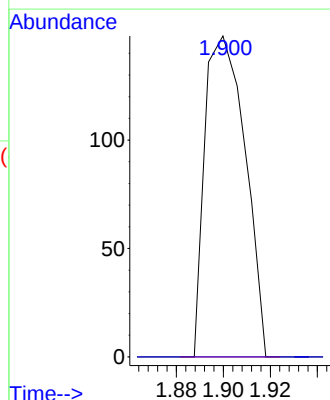
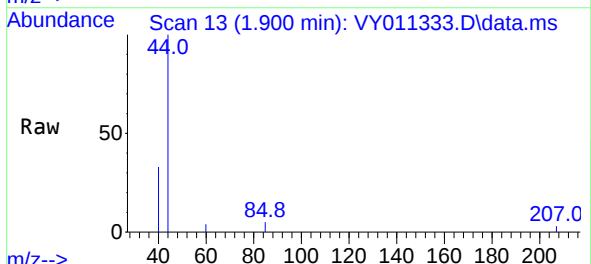
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

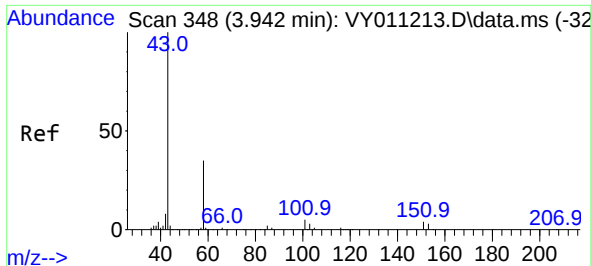
Tgt Ion:168 Resp: 214410
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 85 Resp: 176
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

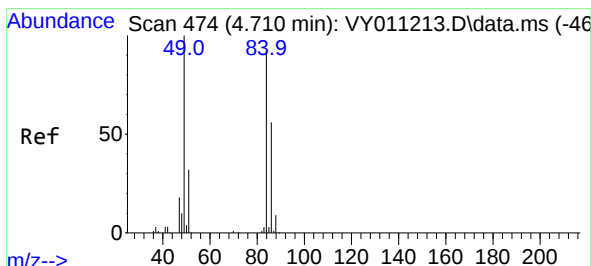
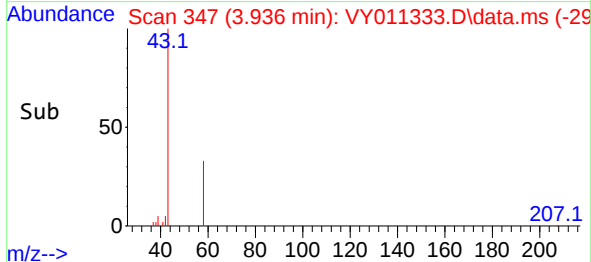
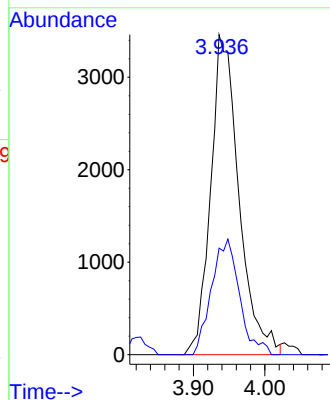
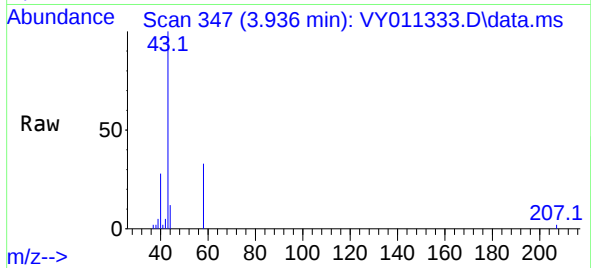




#16
Acetone
Concen: 13.692 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

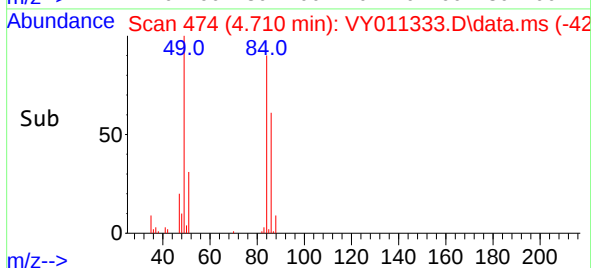
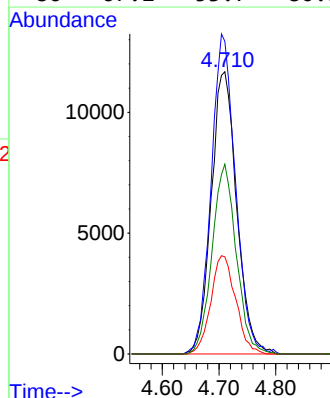
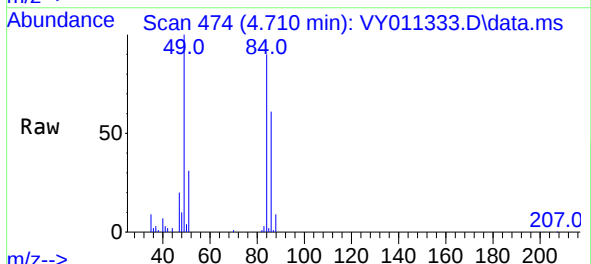
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

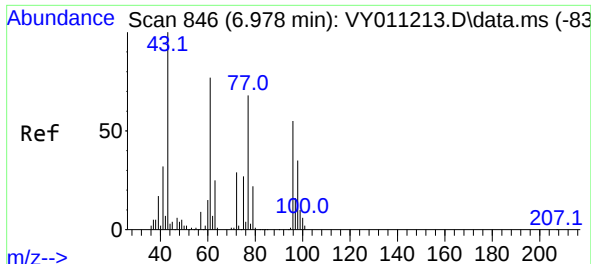
Tgt Ion: 43 Resp: 9478
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#



#20
Methylene Chloride
Concen: 8.715 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 84 Resp: 36426
Ion Ratio Lower Upper
84 100
49 110.8 114.4 171.6#
51 34.4 35.3 52.9#
86 67.2 53.7 80.5

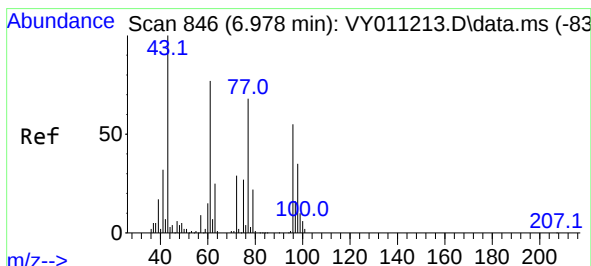
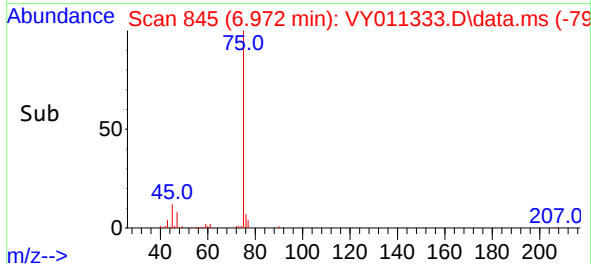
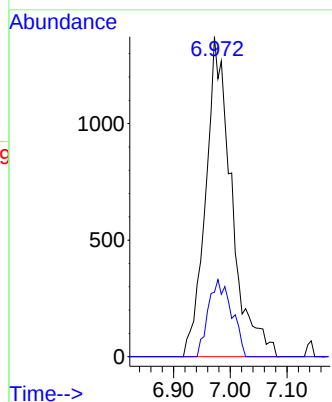
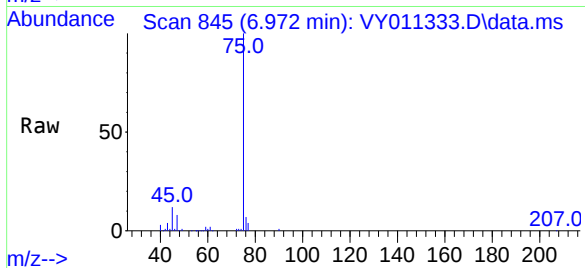




#25
2-Butanone
Concen: 4.492 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

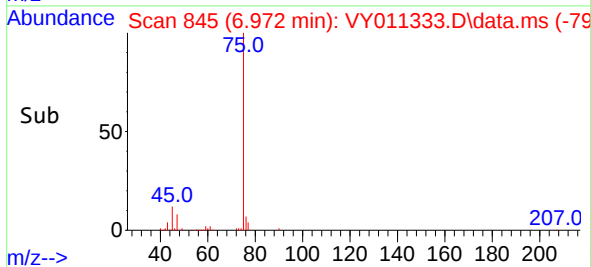
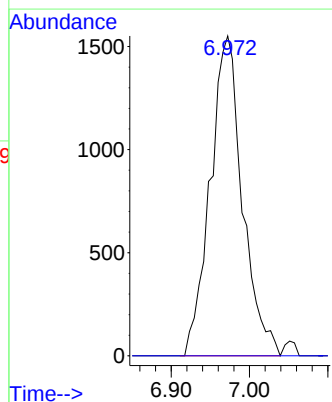
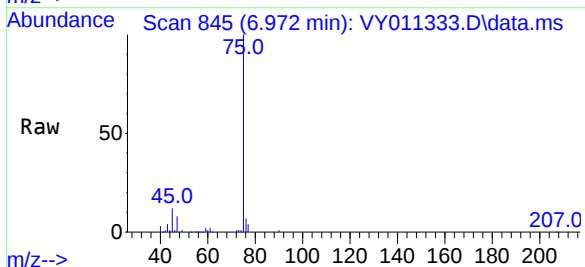
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

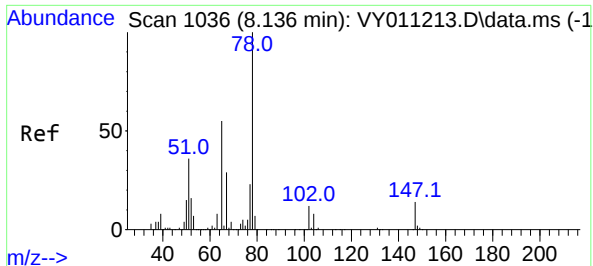
Tgt Ion: 43 Resp: 4375
Ion Ratio Lower Upper
43 100
72 20.2 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.056 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 77 Resp: 4428
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 61.572 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011333.D

Acq: 07 Nov 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

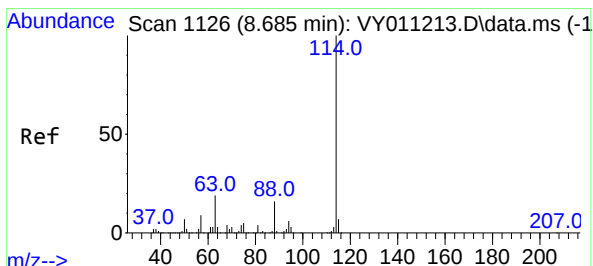
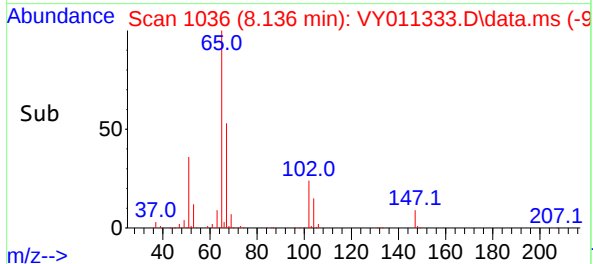
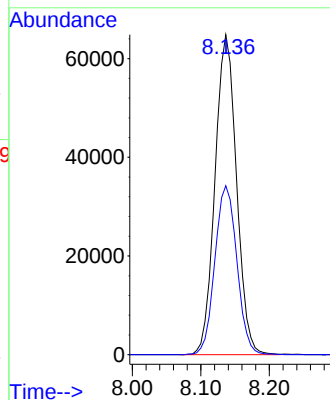
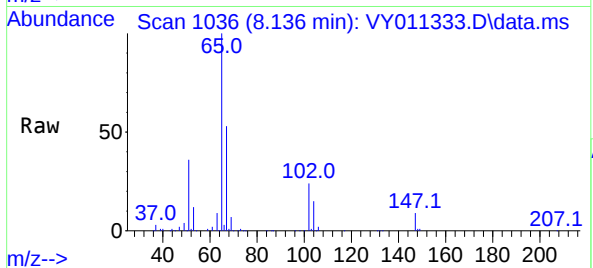
SB-32B

Tgt Ion: 65 Resp: 141192

Ion Ratio Lower Upper

65 100

67 54.0 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: VY011333.D

Acq: 07 Nov 2022 14:04

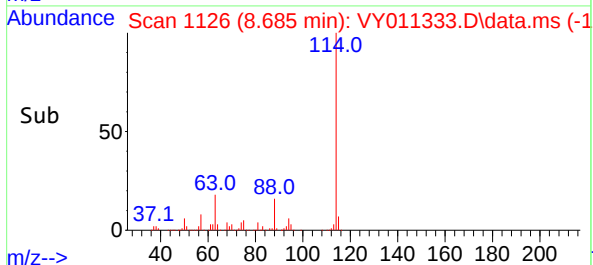
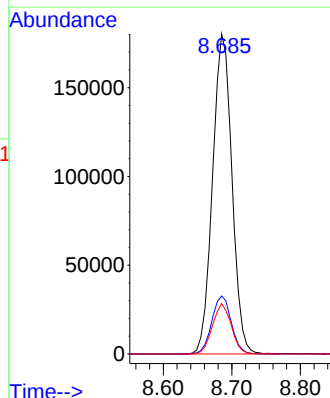
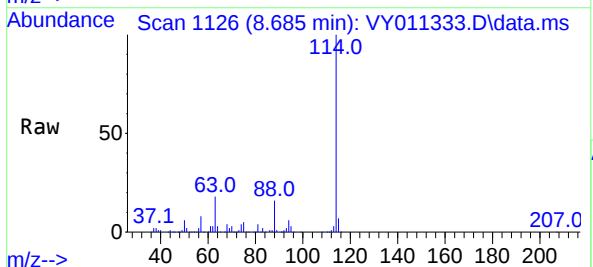
Tgt Ion: 114 Resp: 353117

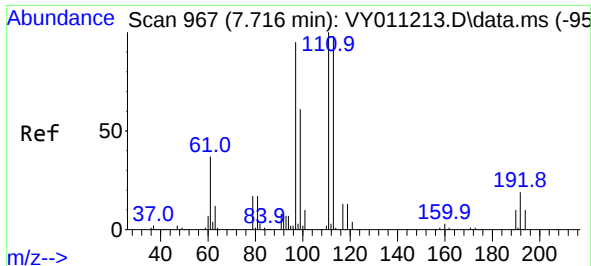
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.7 0.0 31.8

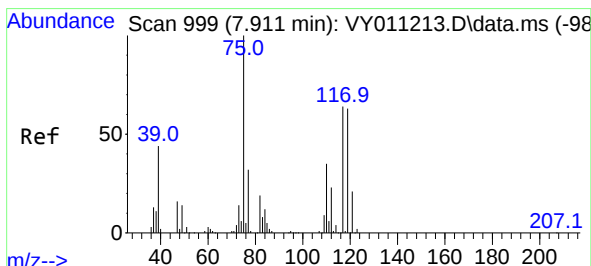
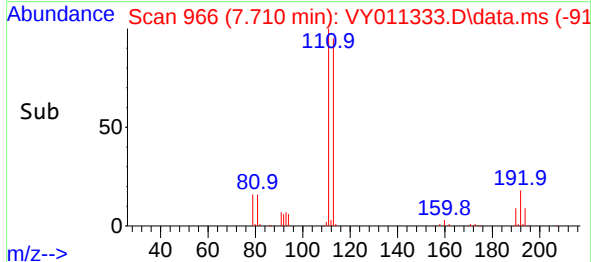
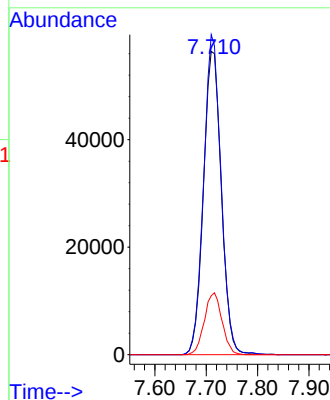
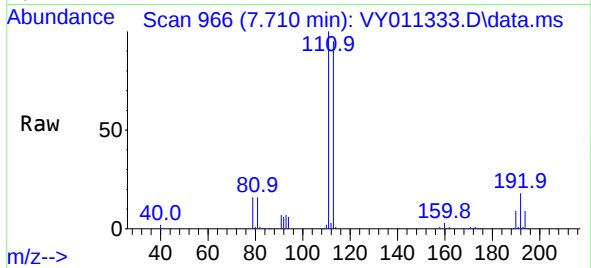




#35
Dibromofluoromethane
Concen: 60.092 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

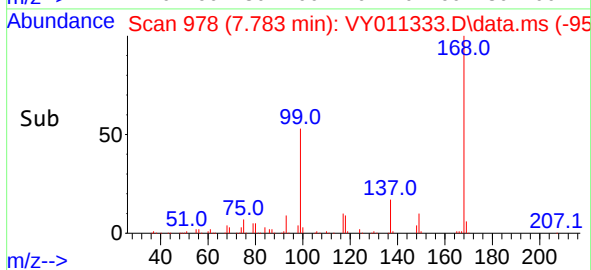
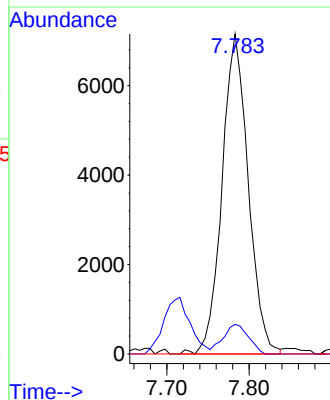
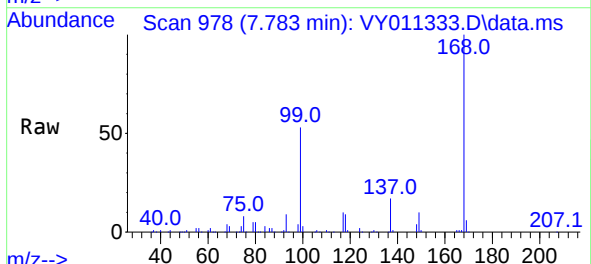
Instrument :
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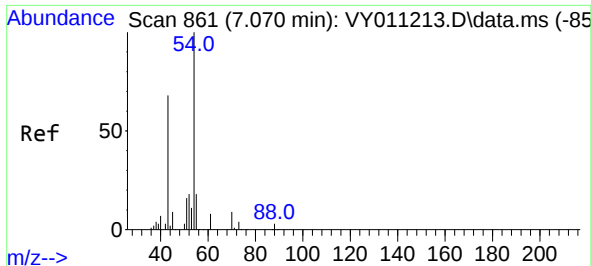
Tgt Ion:113 Resp: 136335
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.277 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 75 Resp: 15848
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.190 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY011333.D

Acq: 07 Nov 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-32B

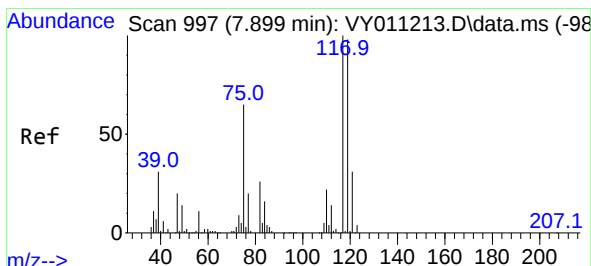
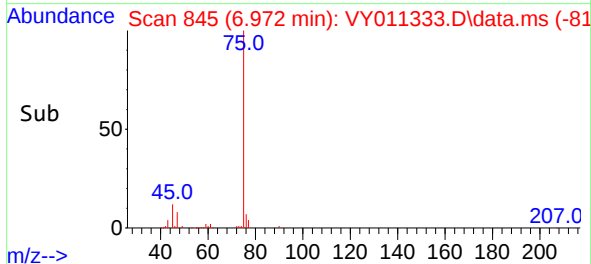
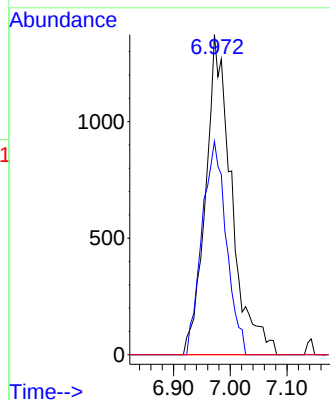
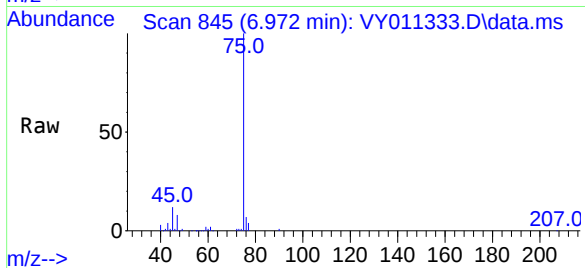
Tgt Ion: 43 Resp: 4375

Ion Ratio Lower Upper

43 100

61 62.3 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.377 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011333.D

Acq: 07 Nov 2022 14:04

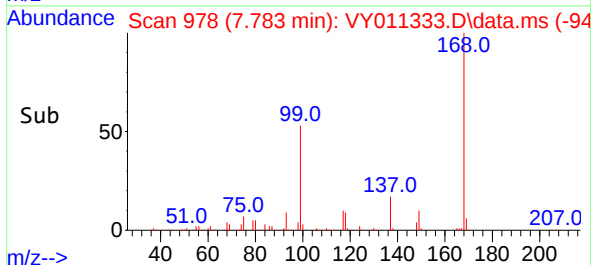
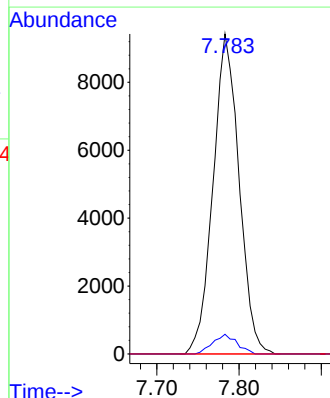
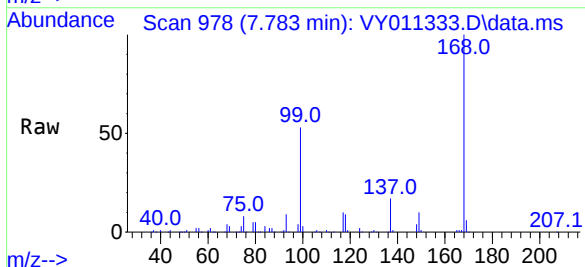
Tgt Ion: 117 Resp: 20669

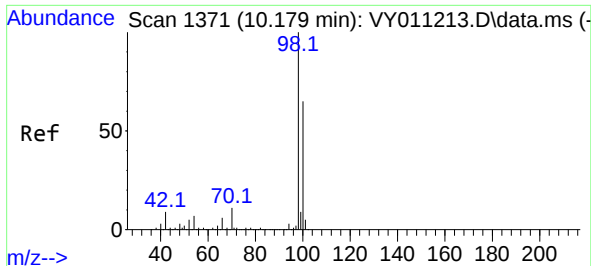
Ion Ratio Lower Upper

117 100

119 6.1 77.9 116.9#

121 0.0 24.8 37.2#

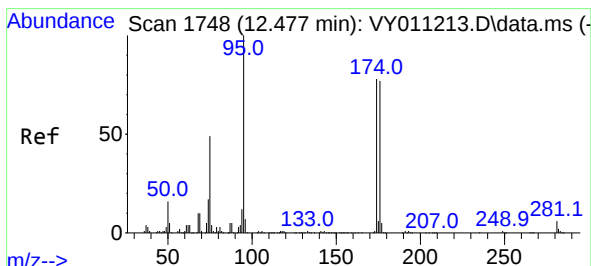
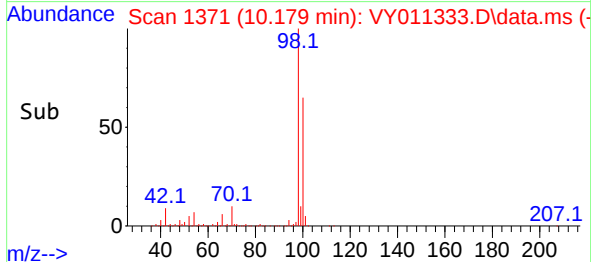
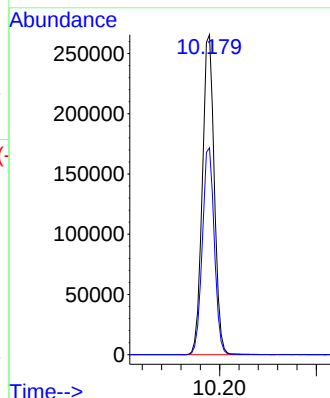
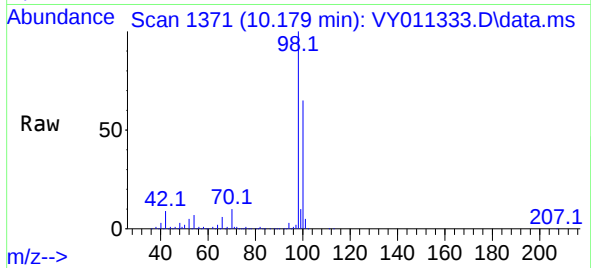




#50
Toluene-d8
Concen: 51.612 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

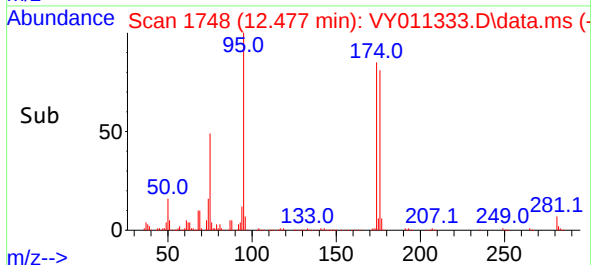
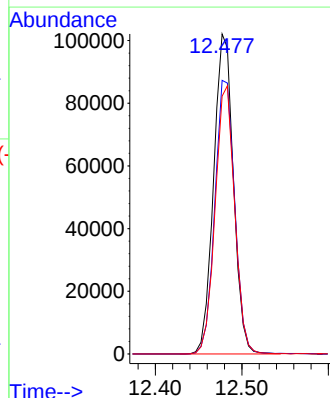
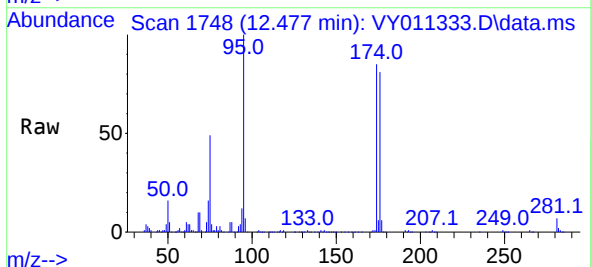
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

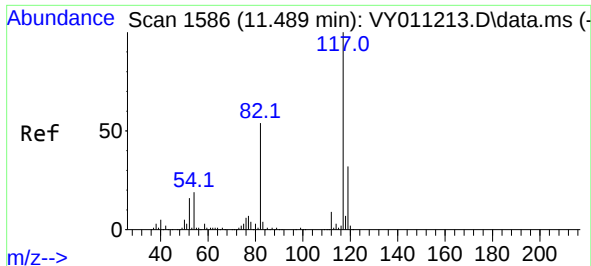
Tgt Ion: 98 Resp: 454634
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.915 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 95 Resp: 161816
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.8 0.0 175.8

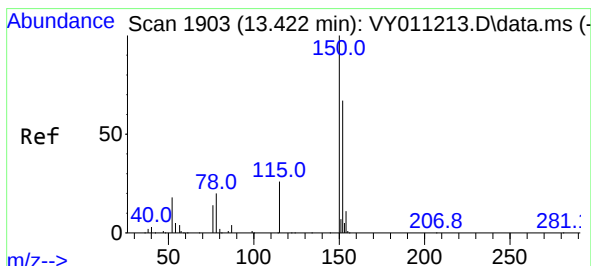
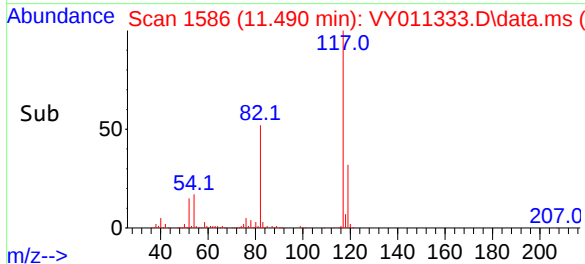
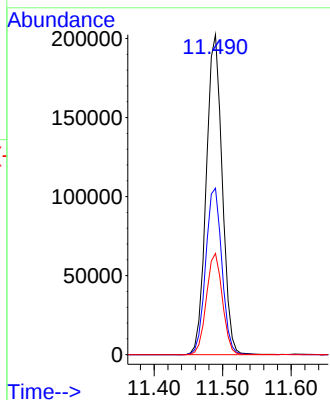
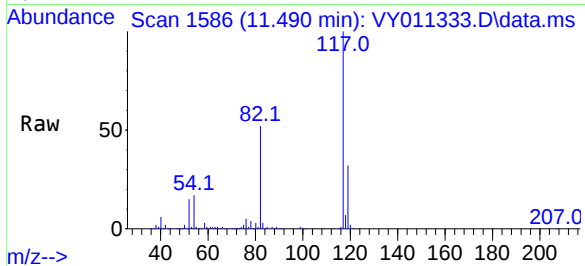




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

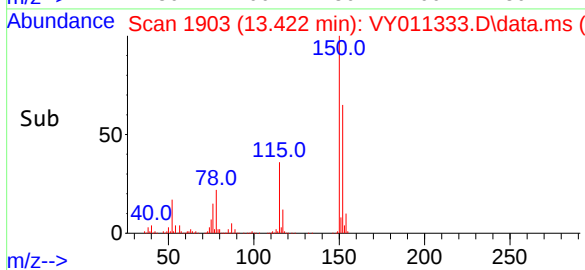
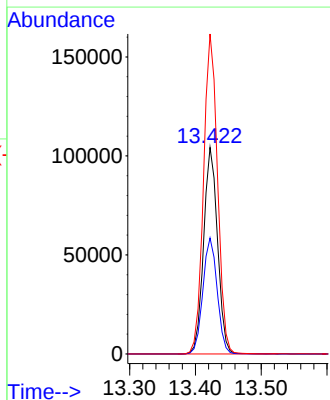
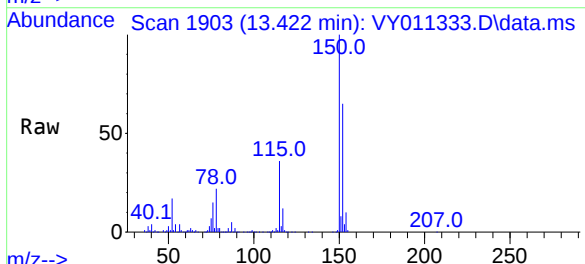
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

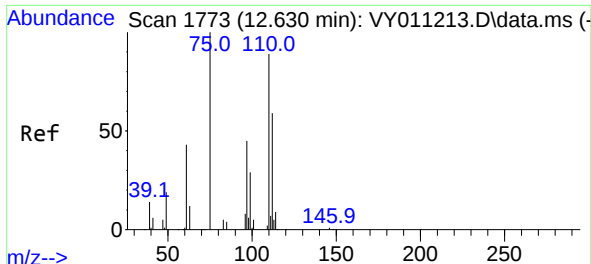
Tgt Ion:117 Resp: 327796
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion:152 Resp: 153498
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 156.0 0.0 347.6

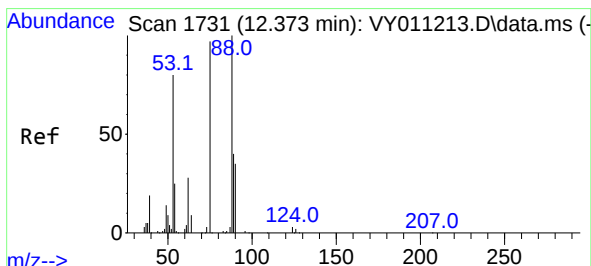
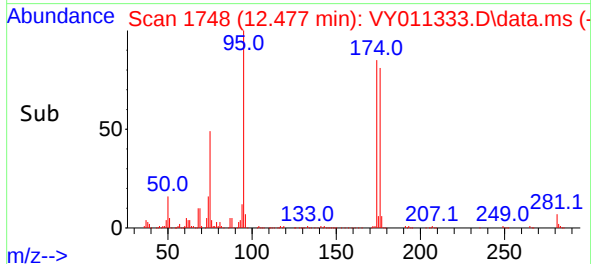
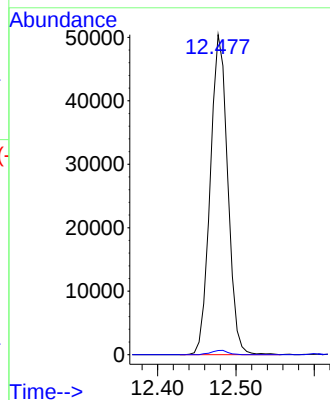
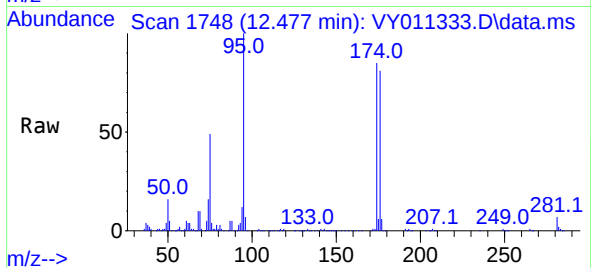




#76
1,2,3-Trichloropropane
Concen: 41.782 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

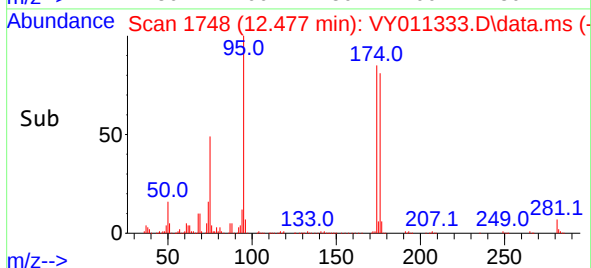
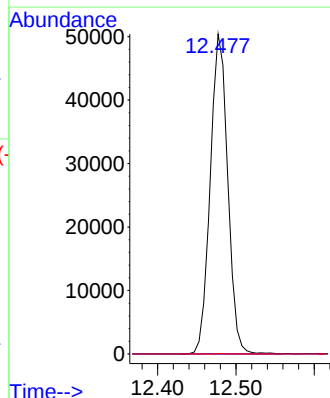
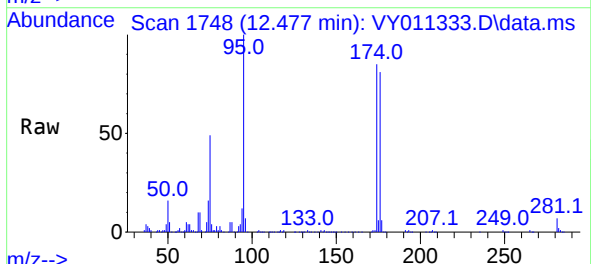
Instrument :
MSVOA_Y
ClientSampleId :
SB-32B

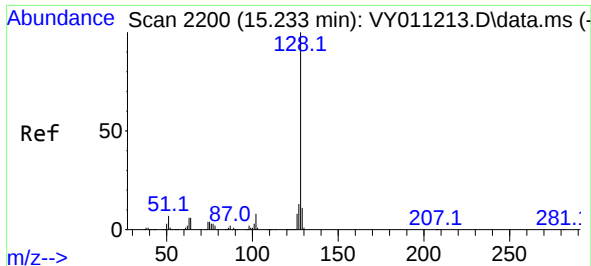
Tgt Ion: 75 Resp: 78079
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.420 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 75 Resp: 78079
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.013 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011333.D
Acq: 07 Nov 2022 14:04

Instrument : MSVOA_Y
ClientSampleId : SB-32B

Tgt Ion:	128	Resp:	331
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

