

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026832.D
 Acq On : 08 Feb 2022 19:06
 Operator : JC/MD
 Sample : N1431-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHB-2022

Quant Time: Feb 09 03:06:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

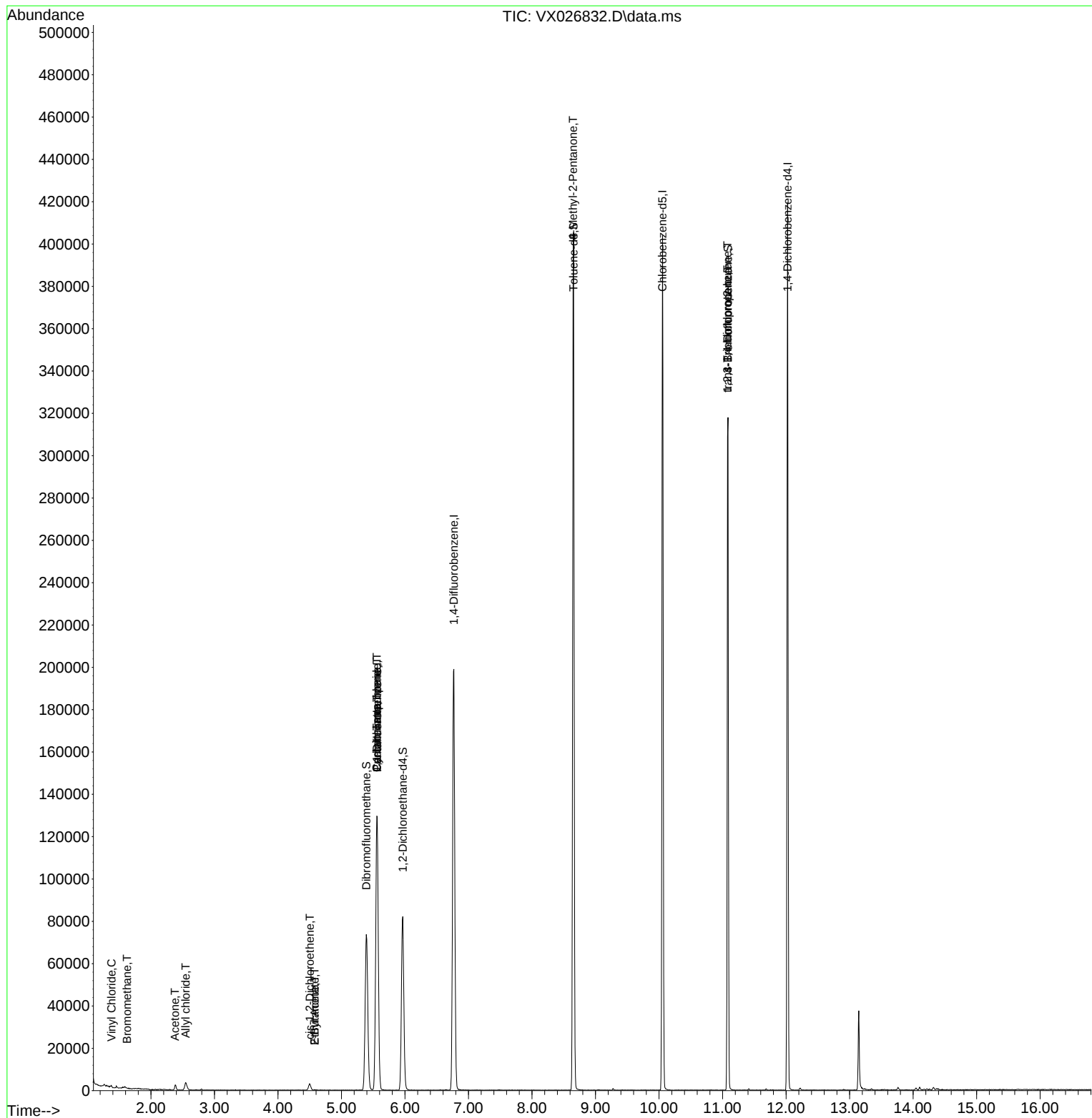
Internal Standards						
1) Pentafluorobenzene	5.562	168	123600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79539	53.609	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.220%	
35) Dibromofluoromethane	5.391	113	65513	52.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.460%	
50) Toluene-d8	8.653	98	239876	52.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	11.085	95	88567	55.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.320%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	575	0.439	ug/l #	86
5) Bromomethane	1.623	94	113	0.203	ug/l #	73
6) Chloroethane	1.471	64	22	Below Cal	#	43
14) Allyl chloride	2.544	41	534	0.238	ug/l #	68
16) Acetone	2.379	43	2810	4.312	ug/l	93
25) 2-Butanone	4.574	43	455	0.433	ug/l #	50
27) cis-1,2-Dichloroethene	4.501	96	2014	1.318	ug/l	90
31) Cyclohexane	5.556	56	2454	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9608	4.902	ug/l #	51
37) Ethyl Acetate	4.574	43	455	0.204	ug/l #	69
38) Carbon Tetrachloride	5.556	117	12730	6.194	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1006	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43284	23.766	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43284	72.658	ug/l #	3

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

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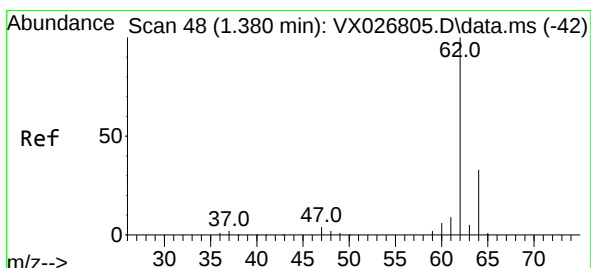
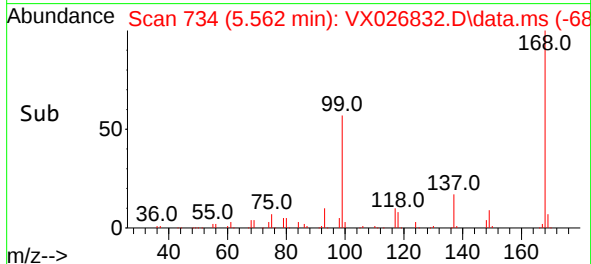
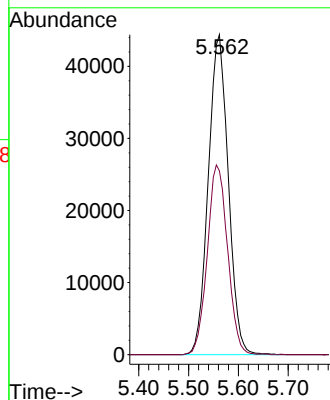
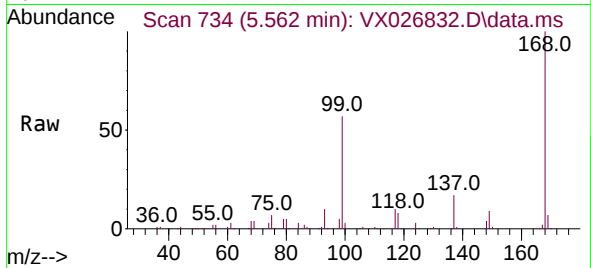




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

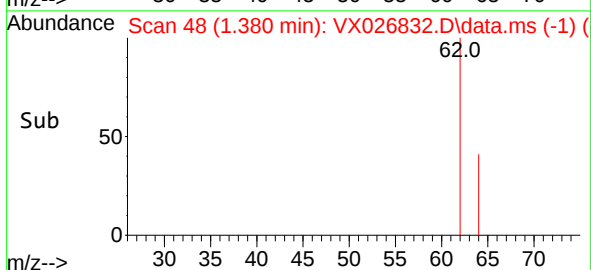
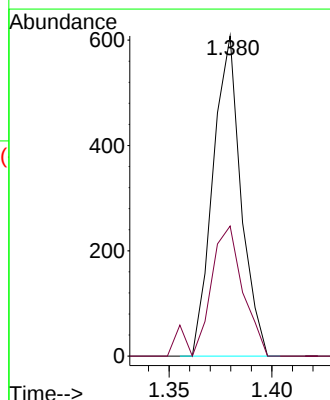
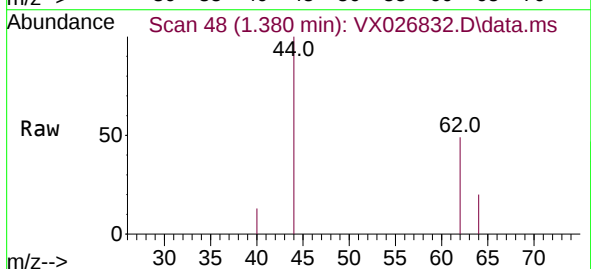
Instrument :
MSVOA_X
ClientSampleId :
SHB-2022

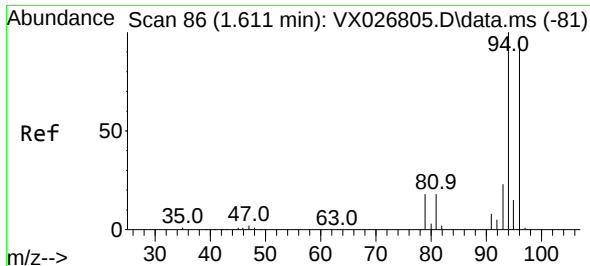
Tgt Ion:168 Resp: 123600
Ion Ratio Lower Upper
168 100
99 57.5 50.3 75.5



#4
Vinyl Chloride
Concen: 0.439 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion: 62 Resp: 575
Ion Ratio Lower Upper
62 100
64 40.6 26.2 39.2#

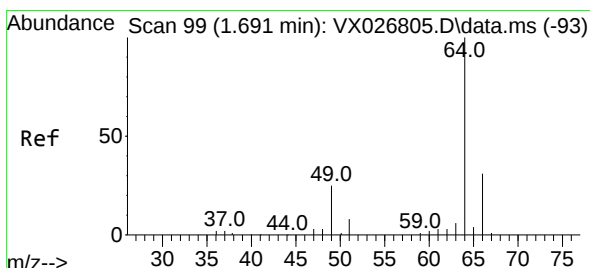
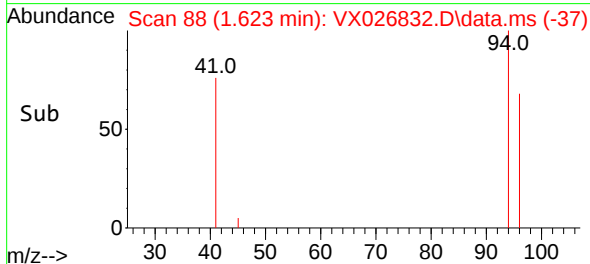
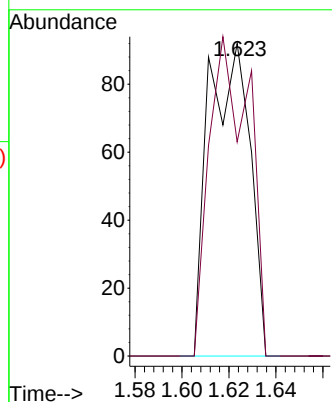
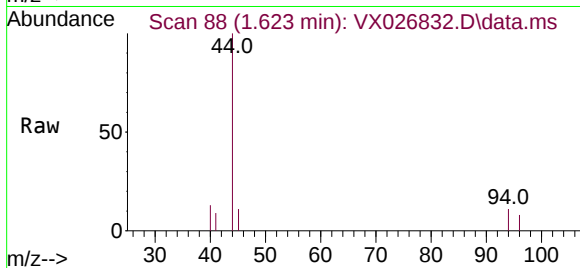




#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.623 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

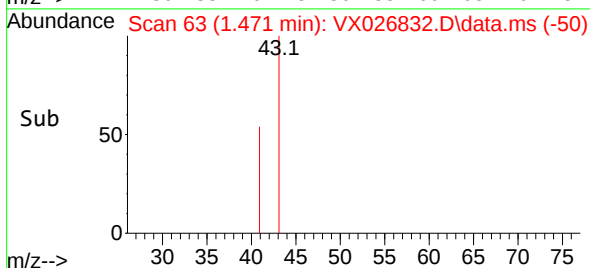
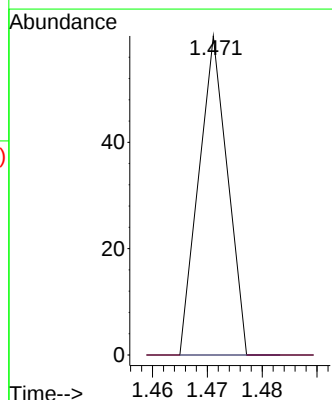
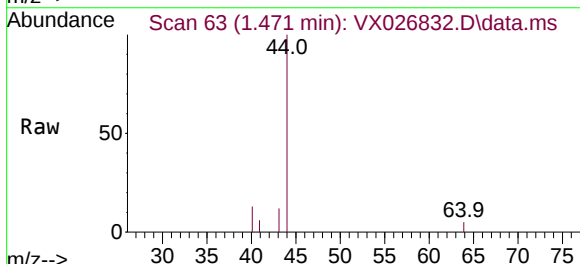
Instrument :
MSVOA_X
ClientSampleId :
SHB-2022

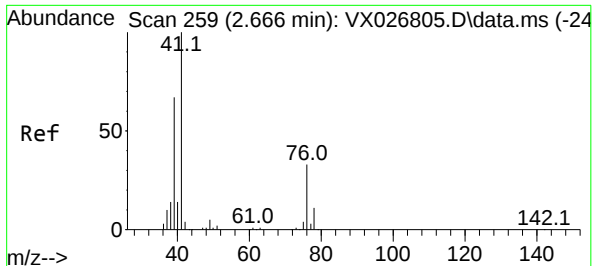
Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 68.5 75.9 113.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.471 min Scan# 63
Delta R.T. -0.220 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#14

Allyl chloride

Concen: 0.238 ug/l

RT: 2.544 min Scan# 21

Delta R.T. -0.122 min

Lab File: VX026832.D

Acq: 08 Feb 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

SHB-2022

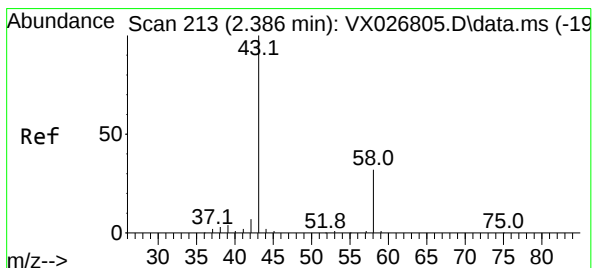
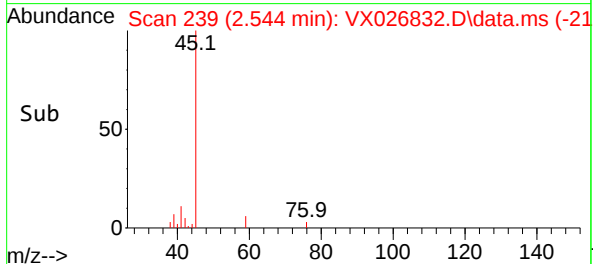
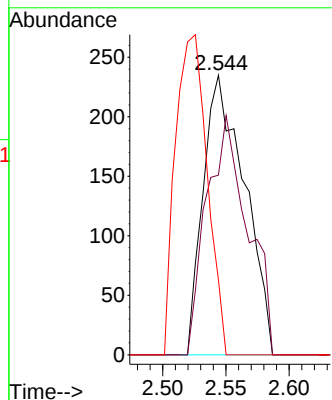
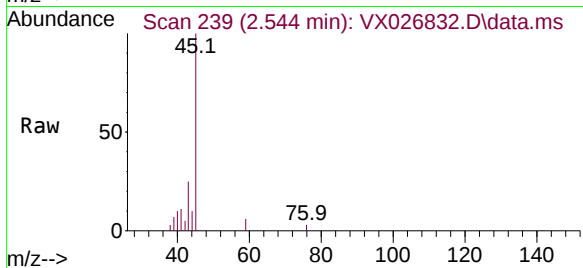
Tgt Ion: 41 Resp: 534

Ion Ratio Lower Upper

41 100

39 84.6 54.2 81.4#

76 0.0 25.2 37.8#



#16

Acetone

Concen: 4.312 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026832.D

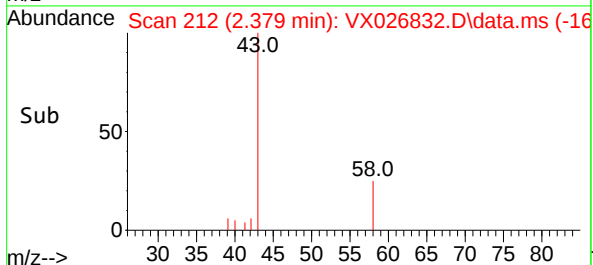
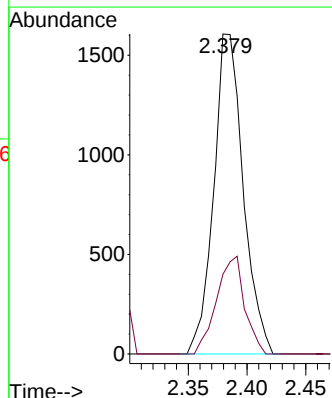
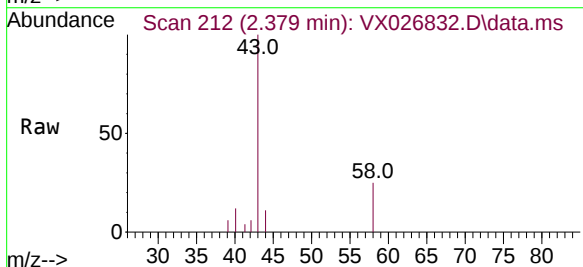
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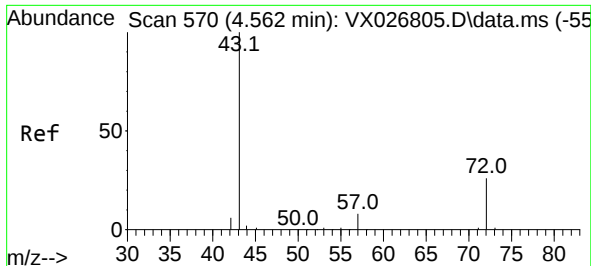
Tgt Ion: 43 Resp: 2810

Ion Ratio Lower Upper

43 100

58 24.9 23.0 34.6

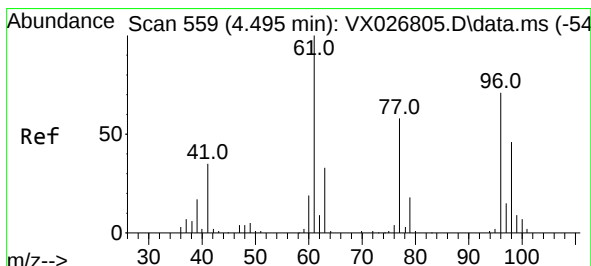
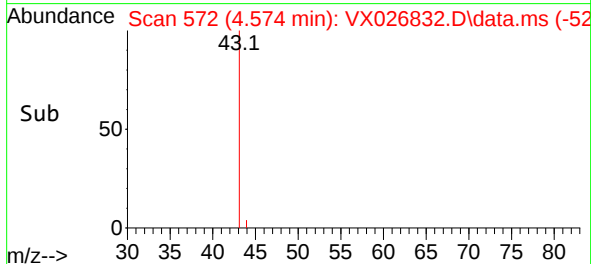
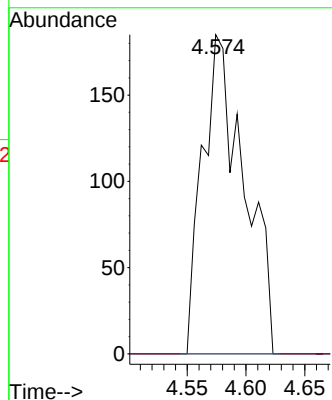
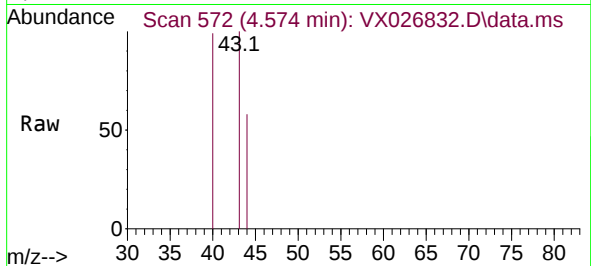




#25
2-Butanone
Concen: 0.433 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

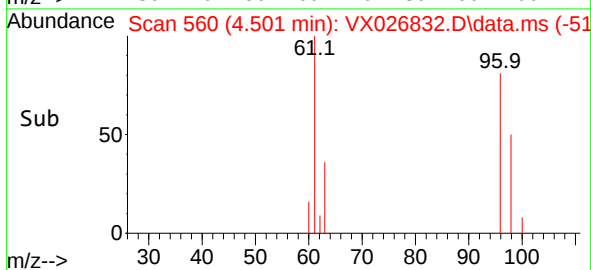
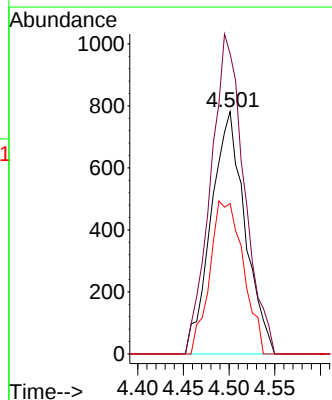
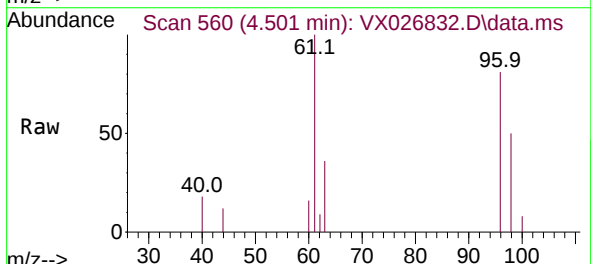
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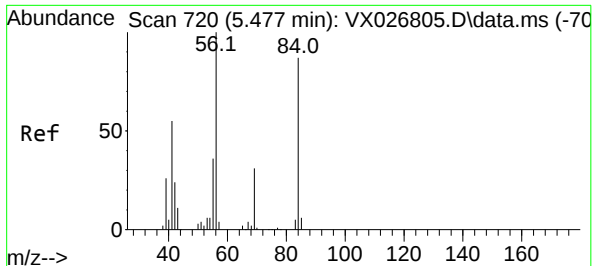
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#27
cis-1,2-Dichloroethene
Concen: 1.318 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion: 96 Resp: 2014
Ion Ratio Lower Upper
96 100
61 131.0 0.0 296.6
98 62.3 0.0 128.8

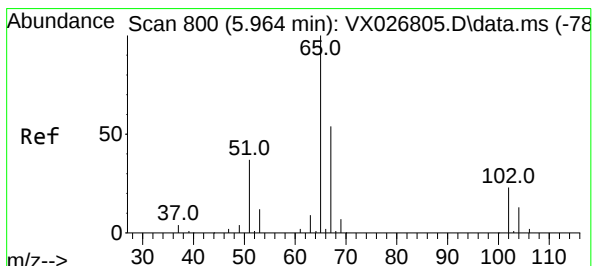
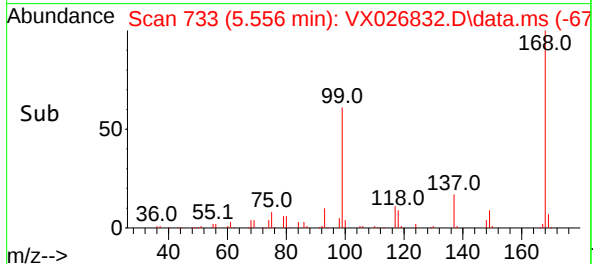
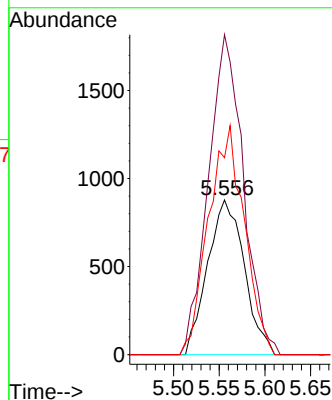
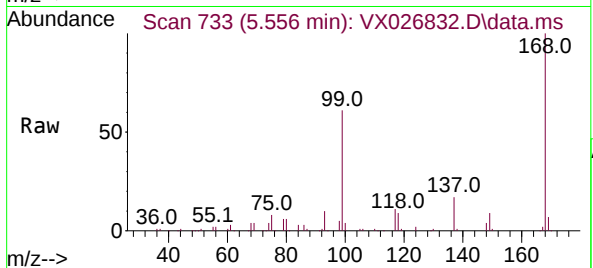




#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

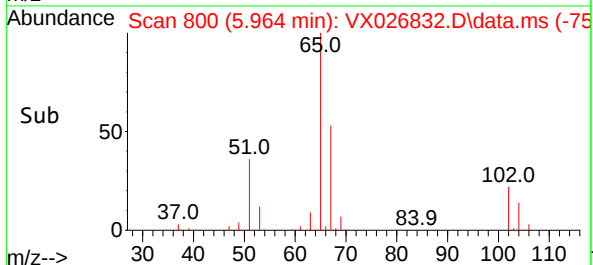
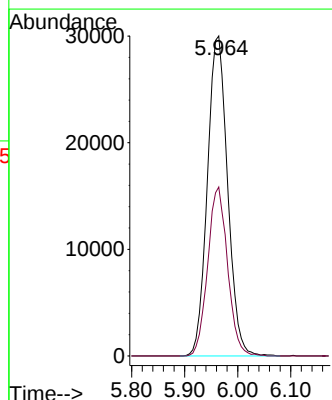
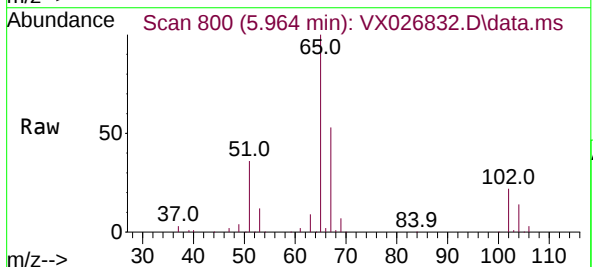
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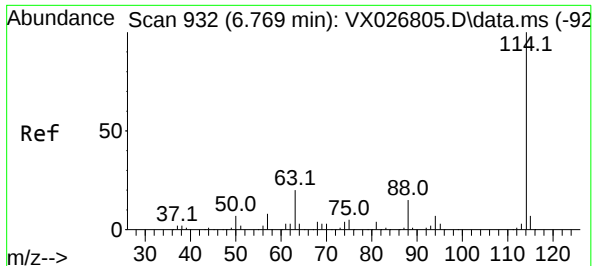
Tgt Ion: 56 Resp: 2454
Ion Ratio Lower Upper
56 100
69 206.9 25.8 38.6#
84 127.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.609 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion: 65 Resp: 79539
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8

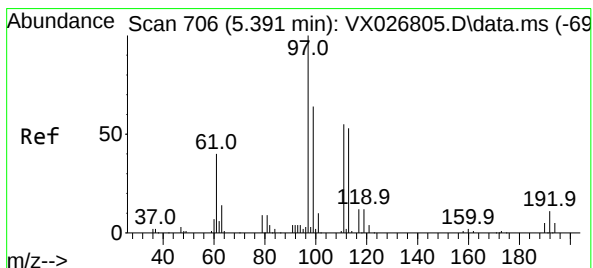
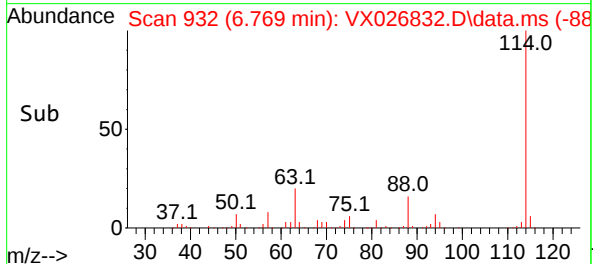
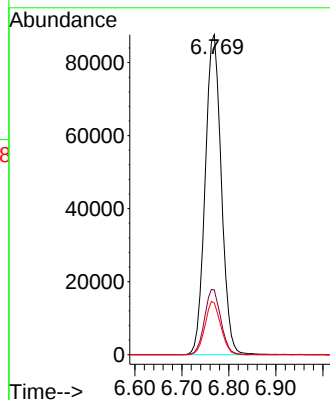
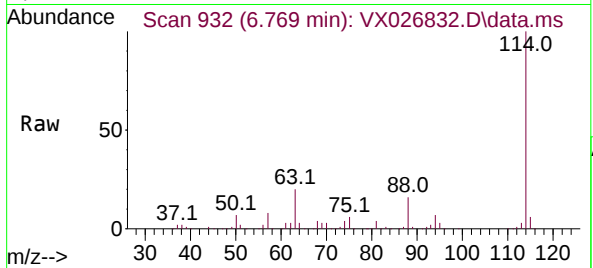




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

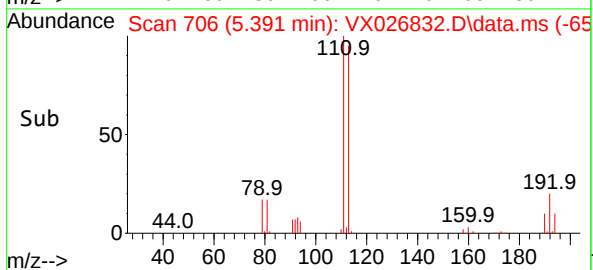
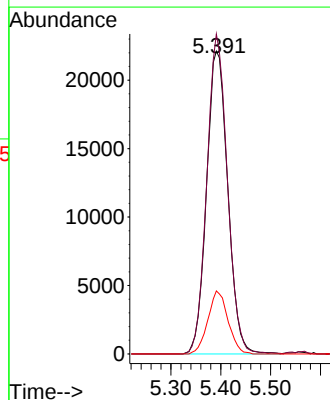
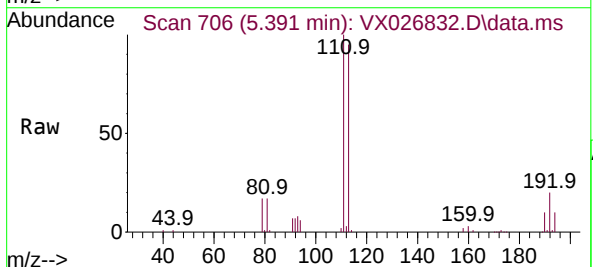
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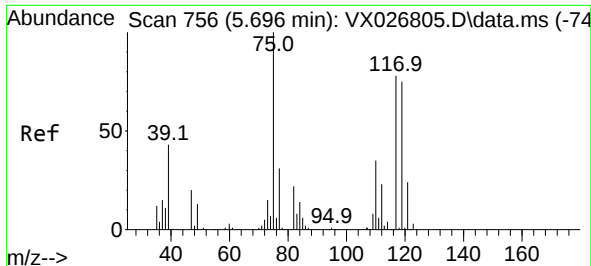
Tgt Ion:114 Resp: 208528
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.732 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion:113 Resp: 65513
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.7 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.902 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026832.D

Acq: 08 Feb 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

SHB-2022

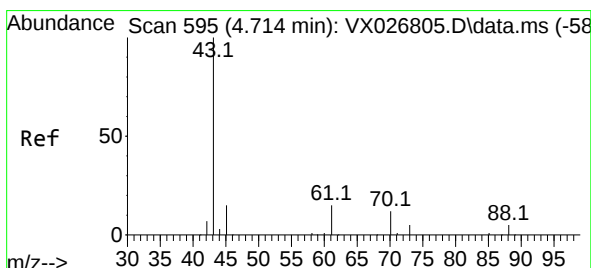
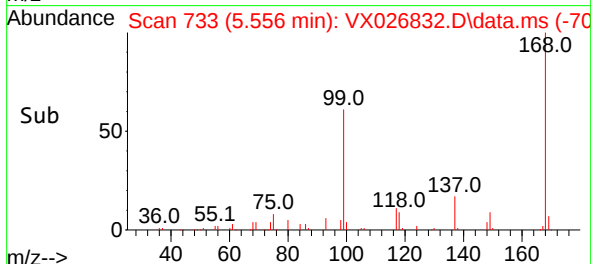
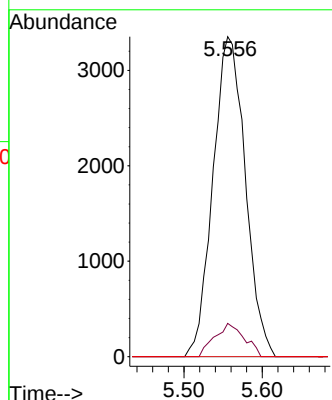
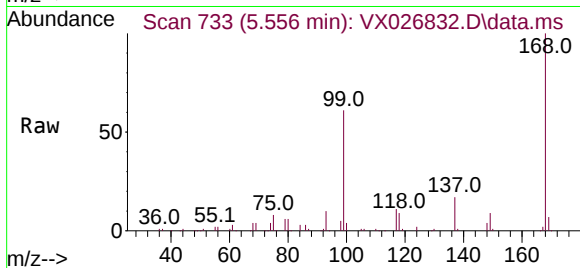
Tgt Ion: 75 Resp: 9608

Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 0.204 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.140 min

Lab File: VX026832.D

Acq: 08 Feb 2022 19:06

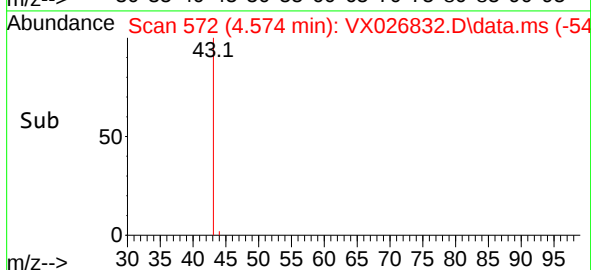
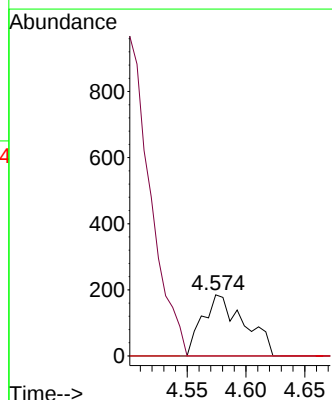
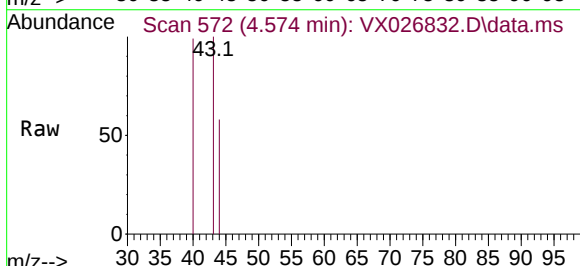
Tgt Ion: 43 Resp: 455

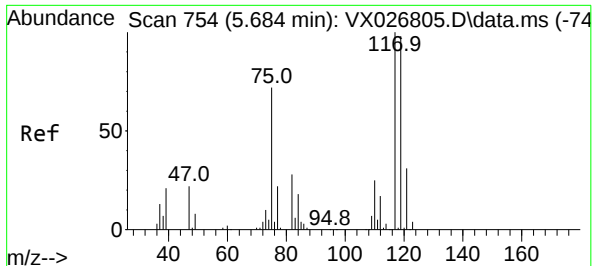
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

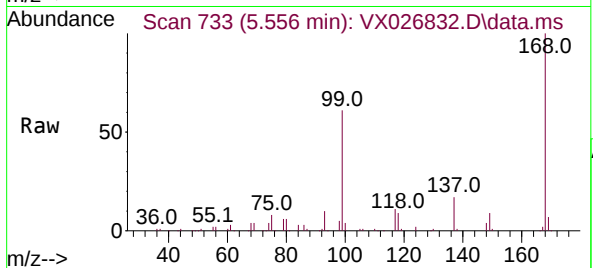
70 0.0 8.5 12.7#



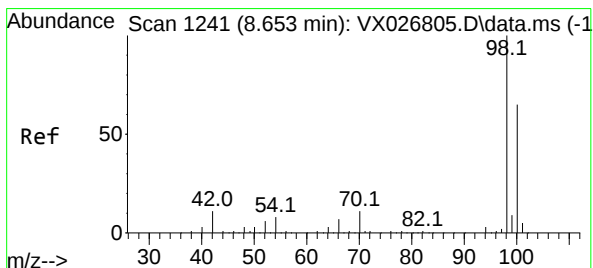
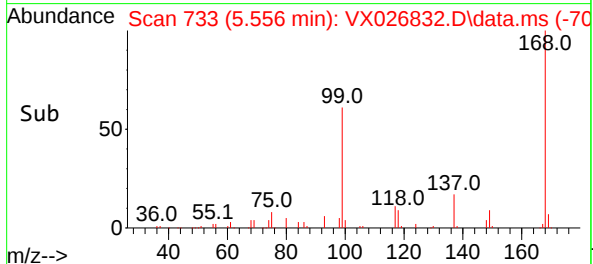
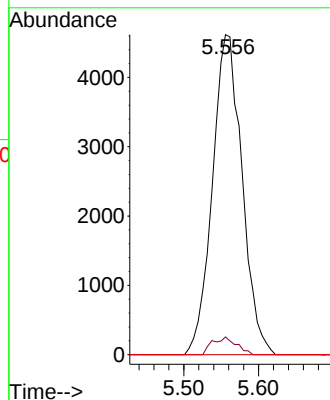


#38
Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Instrument :
MSVOA_X
ClientSampleId :
SHB-2022

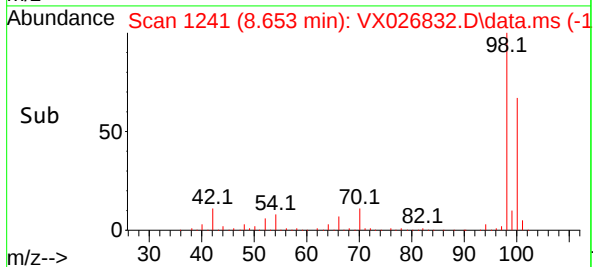
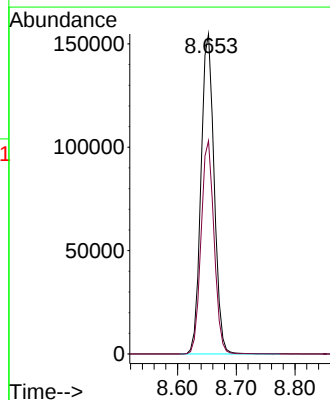
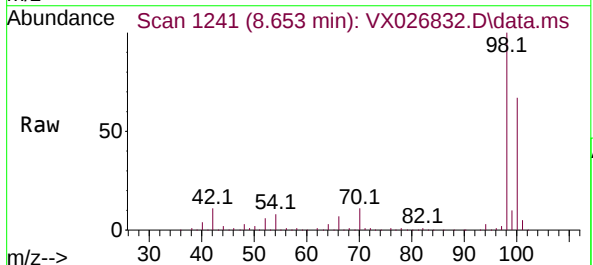


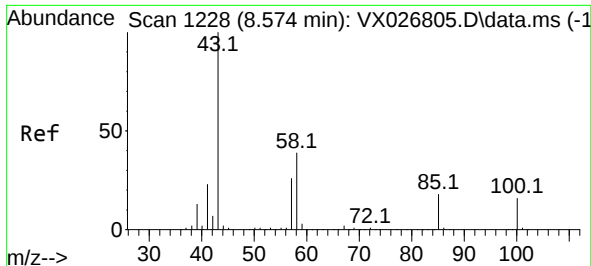
Tgt Ion:117 Resp: 12730
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.600 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion: 98 Resp: 239876
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8

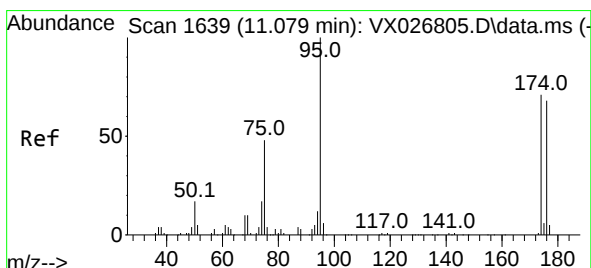
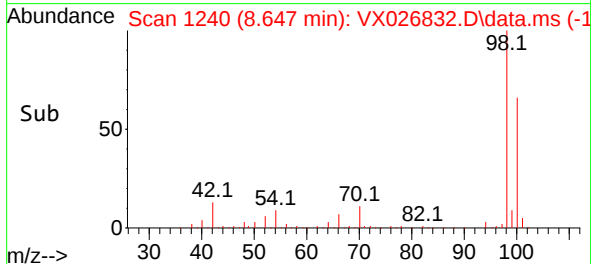
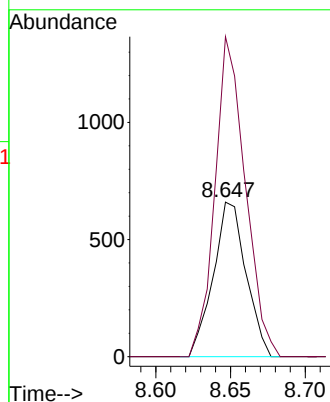
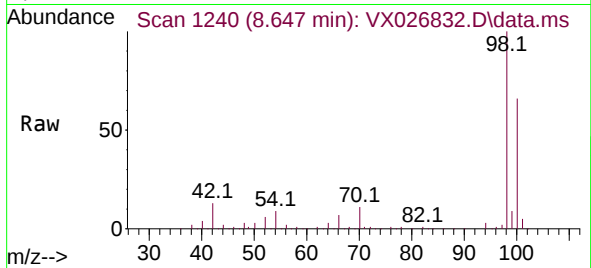




#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

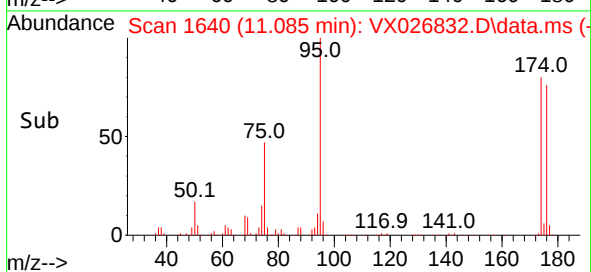
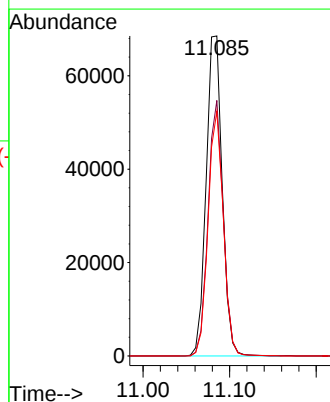
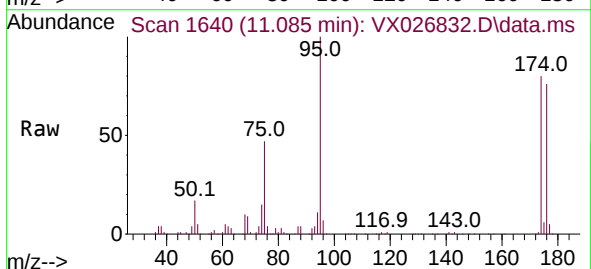
Instrument :
MSVOA_X
ClientSampleId :
SHB-2022

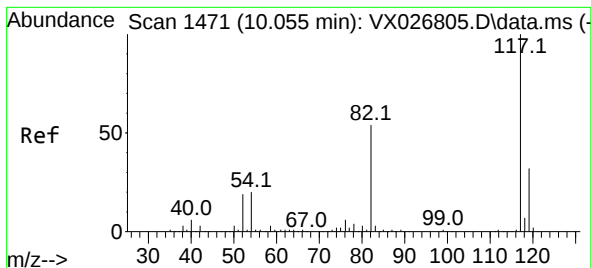
Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 191.4 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 55.163 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion: 95 Resp: 88567
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.6
176 72.5 0.0 141.4

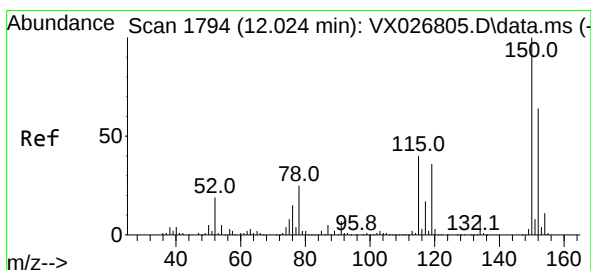
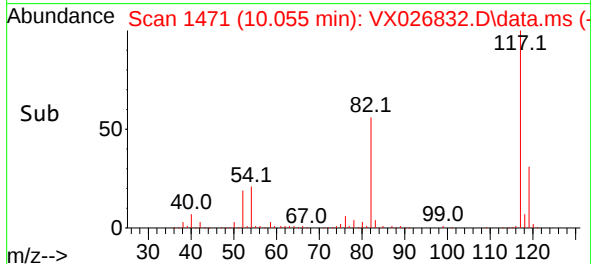
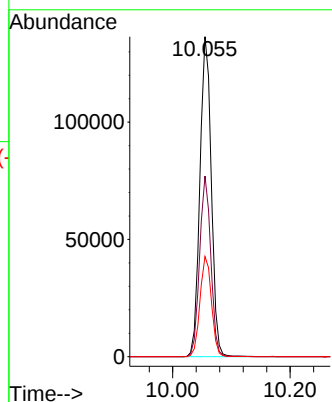
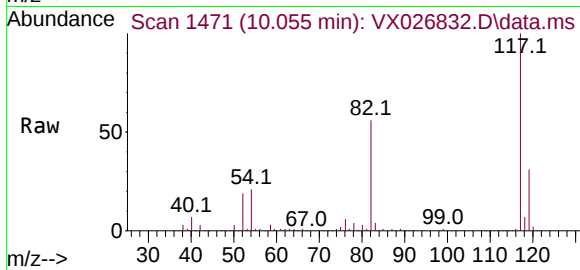




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

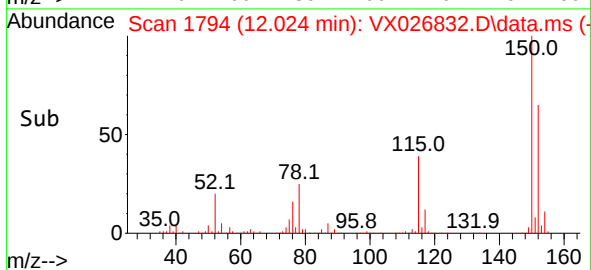
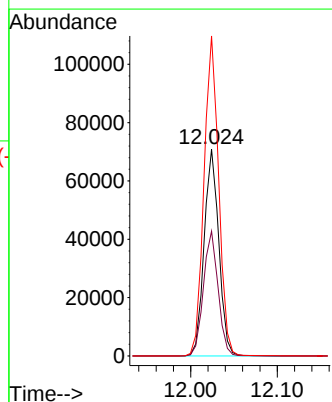
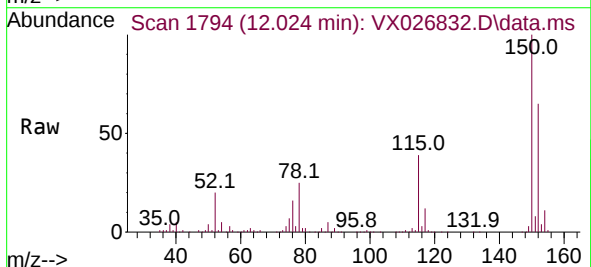
Instrument :
MSVOA_X
ClientSampleId :
SHB-2022

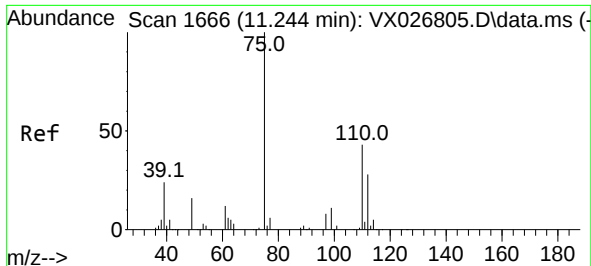
Tgt Ion:117 Resp: 182958
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion:152 Resp: 83200
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 155.2 0.0 348.2

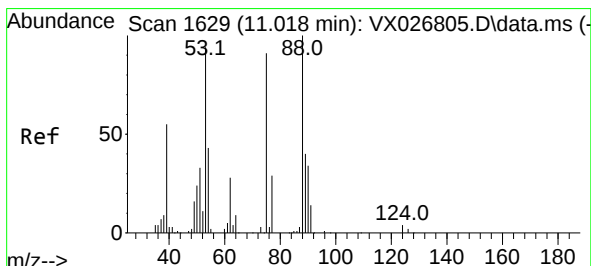
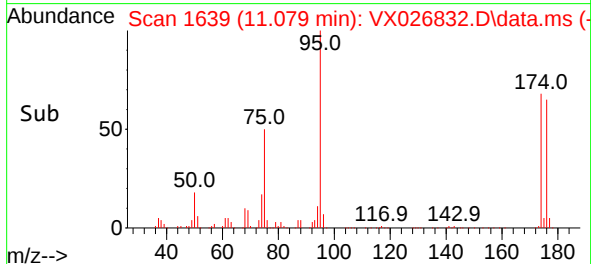
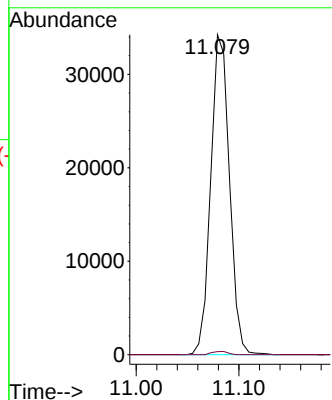
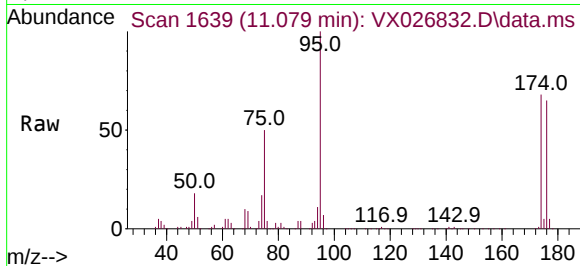




#76
1,2,3-Trichloropropane
Concen: 23.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Instrument :
MSVOA_X
ClientSampleId :
SHB-2022

Tgt Ion: 75 Resp: 43284
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026832.D
Acq: 08 Feb 2022 19:06

Tgt Ion: 75 Resp: 43284
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

