

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026833.D
 Acq On : 08 Feb 2022 19:29
 Operator : JC/MD
 Sample : N1431-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LPBH-2022

Quant Time: Feb 09 03:06:40 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)

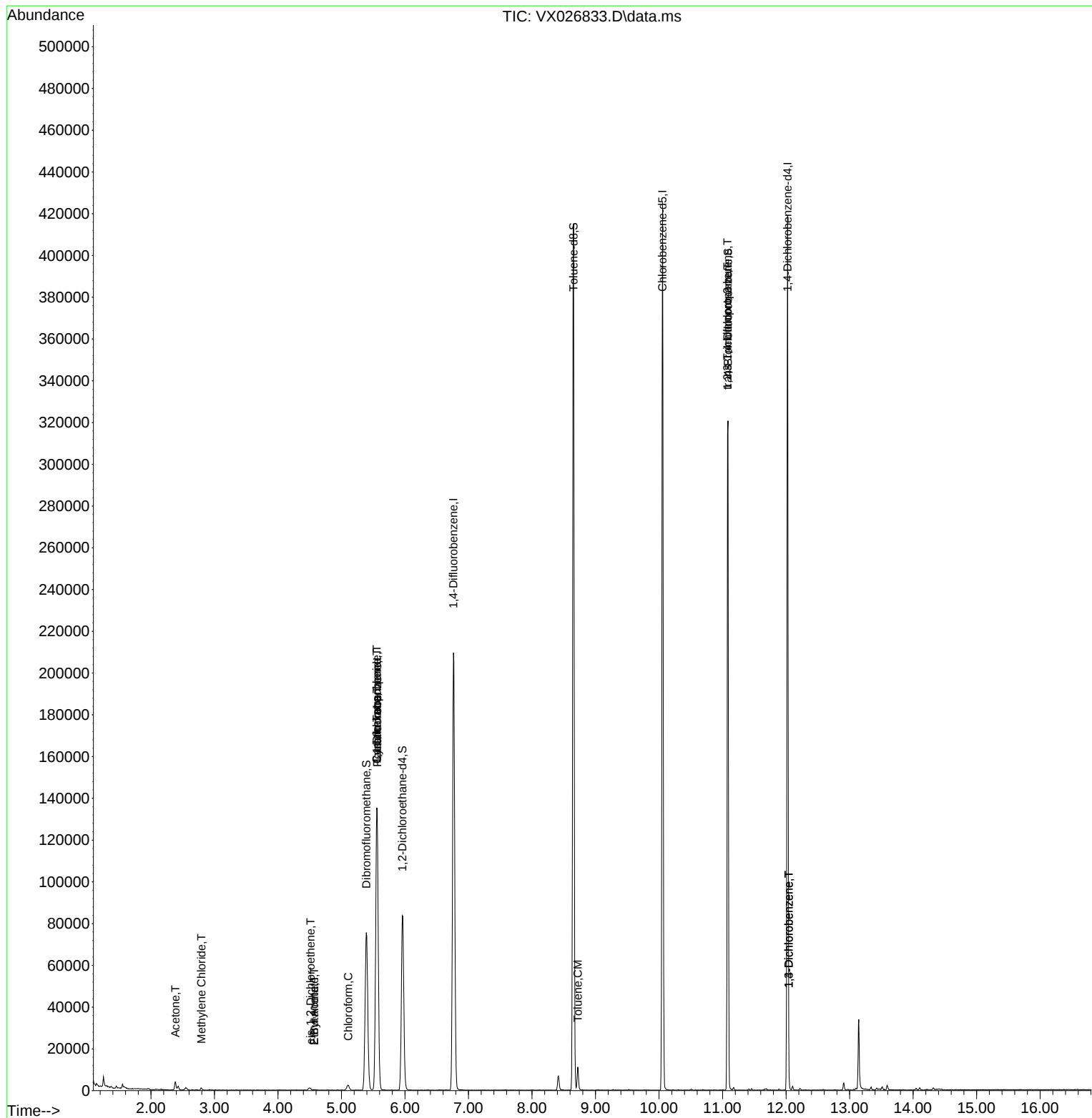
Internal Standards						
1) Pentafluorobenzene	5.562	168	128731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81535	52.764	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.520%			
35) Dibromofluoromethane	5.391	113	67468	52.240	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.480%			
50) Toluene-d8	8.653	98	250596	52.860	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.720%			
62) 4-Bromofluorobenzene	11.085	95	91583	54.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.941	64	44	Below Cal	#	43
16) Acetone	2.386	43	4389	6.467	ug/l	98
20) Methylene Chloride	2.794	84	466	0.317	ug/l #	76
25) 2-Butanone	4.568	43	594	0.543	ug/l #	50
27) cis-1,2-Dichloroethene	4.513	96	752	0.472	ug/l	93
30) Chloroform	5.105	83	3153	1.194	ug/l	91
31) Cyclohexane	5.556	56	2563	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9863	4.841	ug/l #	50
37) Ethyl Acetate	4.568	43	594	0.257	ug/l #	69
38) Carbon Tetrachloride	5.556	117	13172	6.165	ug/l #	16
52) Toluene	8.720	92	4054	1.078	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	45499	25.002	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45499	76.261	ug/l #	3
87) 1,3-Dichlorobenzene	12.043	146	1035	0.363	ug/l #	12
88) 1,4-Dichlorobenzene	12.043	146	1035	0.360	ug/l #	10

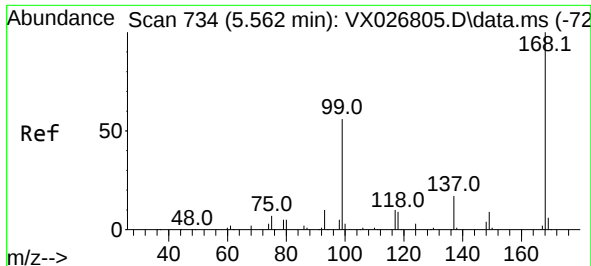
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

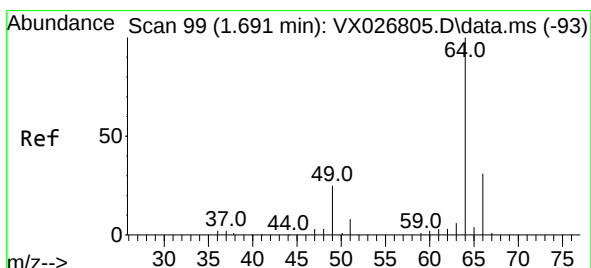
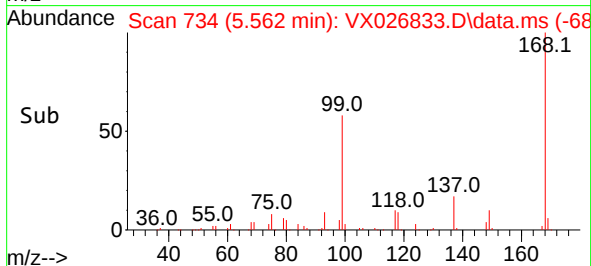
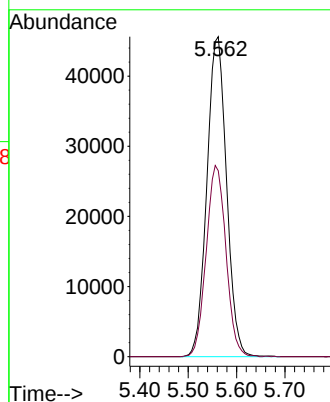
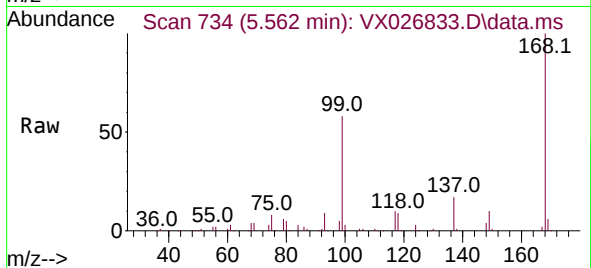




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

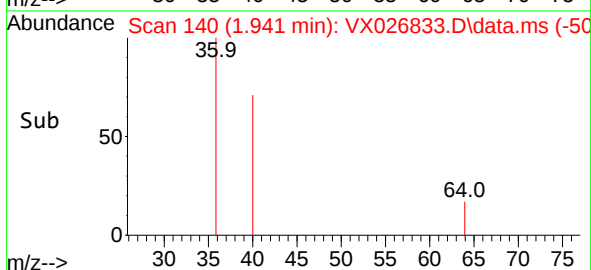
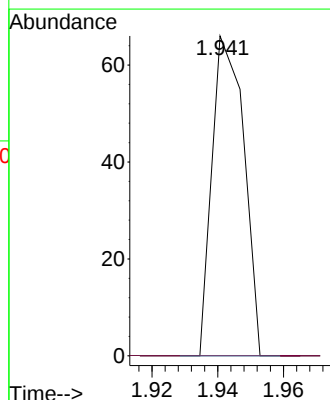
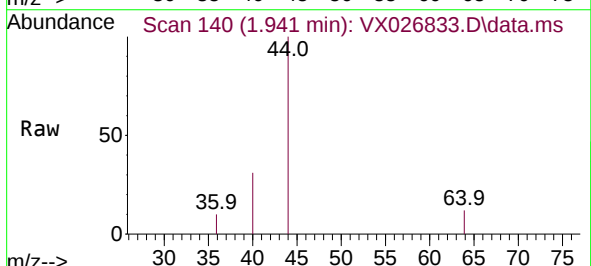
Instrument :
MSVOA_X
ClientSampleId :
LPBH-2022

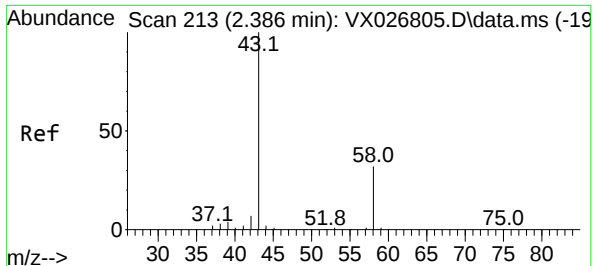
Tgt Ion:168 Resp: 128731
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.941 min Scan# 140
Delta R.T. 0.250 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

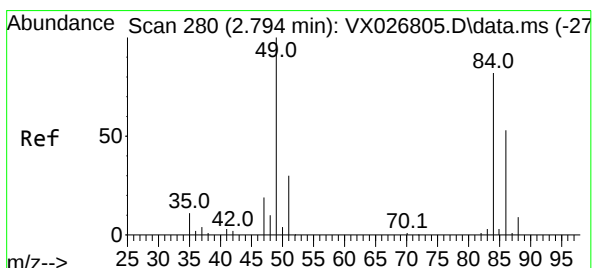
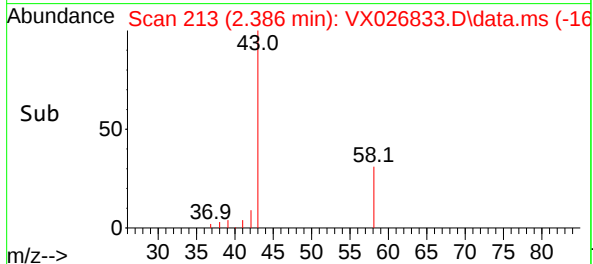
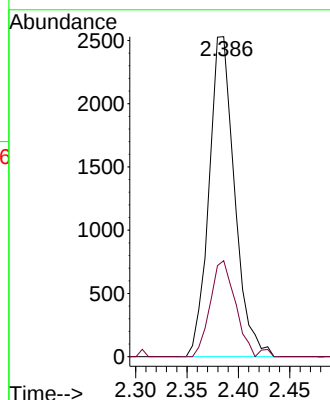
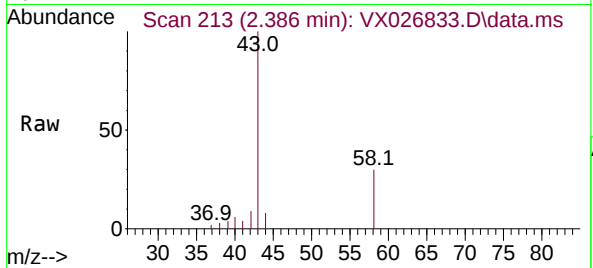




#16
Acetone
Concen: 6.467 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

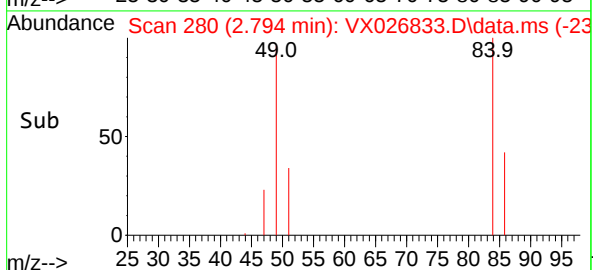
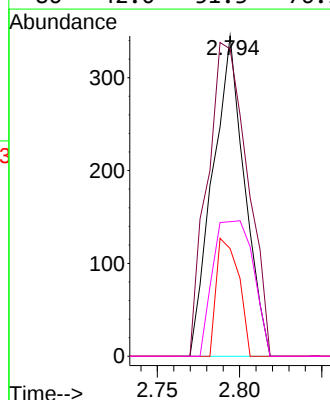
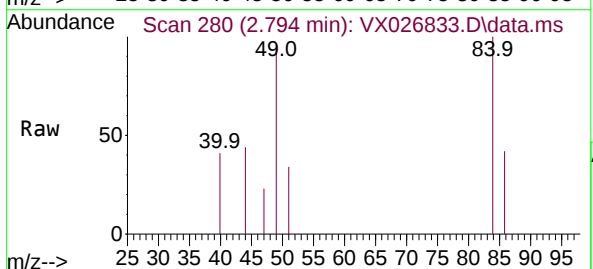
Instrument :
MSVOA_X
ClientSampleId :
LPBH-2022

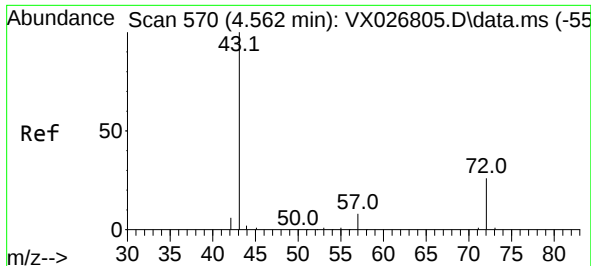
Tgt Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
58 30.0 23.0 34.6



#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

Tgt Ion: 84 Resp: 466
Ion Ratio Lower Upper
84 100
49 95.9 101.5 152.3#
51 33.6 31.2 46.8
86 42.0 51.3 76.9#

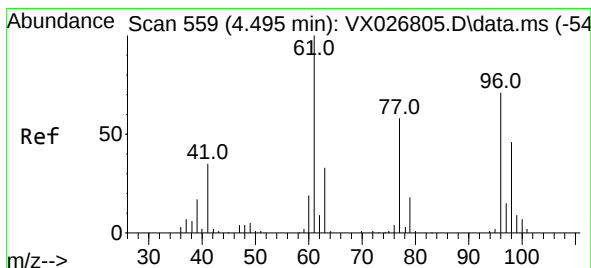
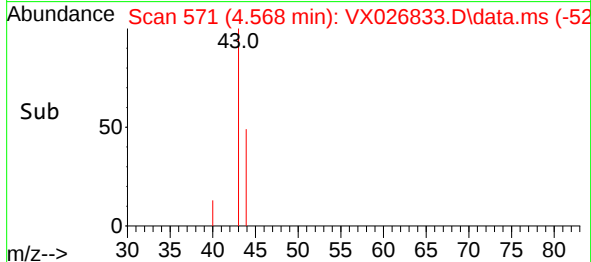
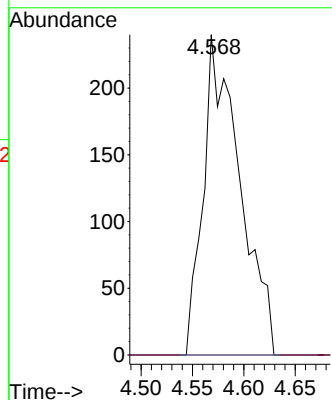
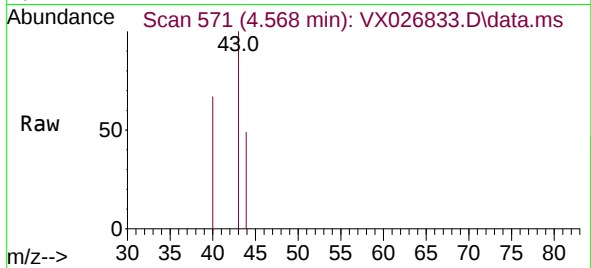




#25
2-Butanone
Concen: 0.543 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

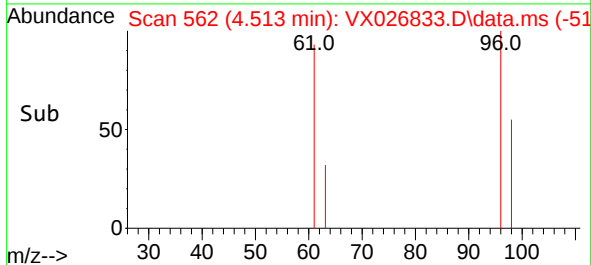
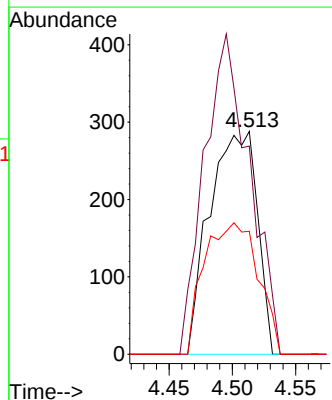
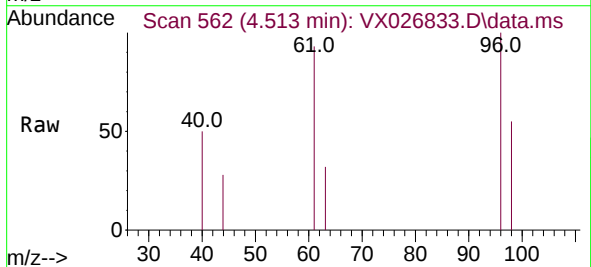
Instrument :
MSVOA_X
ClientSampleId :
LPBH-2022

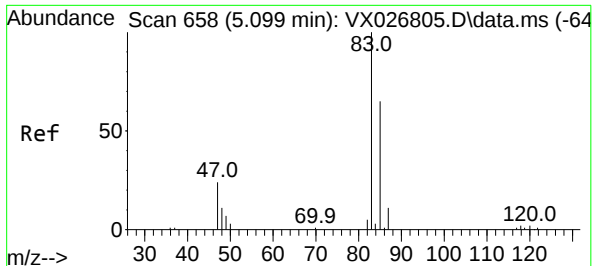
Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#27
cis-1,2-Dichloroethene
Concen: 0.472 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.018 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

Tgt Ion: 96 Resp: 752
Ion Ratio Lower Upper
96 100
61 137.0 0.0 296.6
98 67.2 0.0 128.8





#30

Chloroform

Concen: 1.194 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

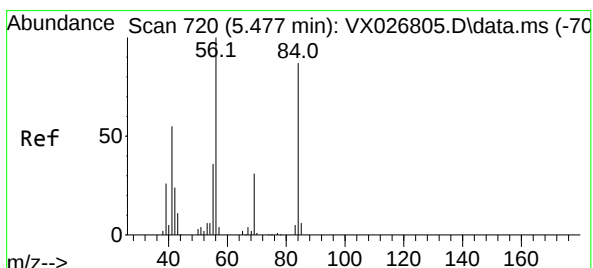
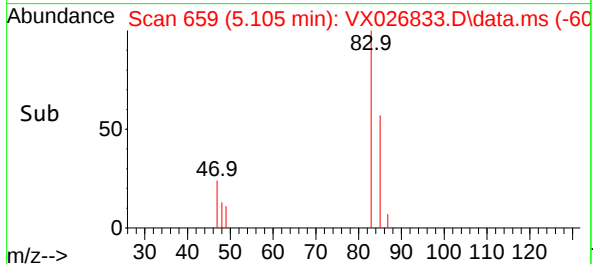
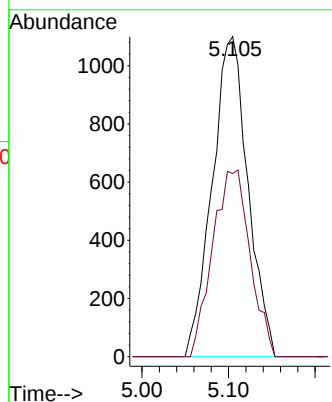
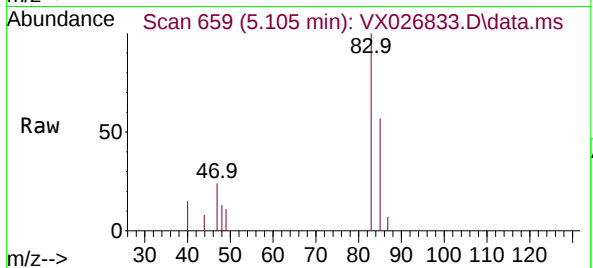
LPBH-2022

Tgt Ion: 83 Resp: 3153

Ion Ratio Lower Upper

83 100

85 57.3 51.6 77.4



#31

Cyclohexane

Concen: 1.044 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

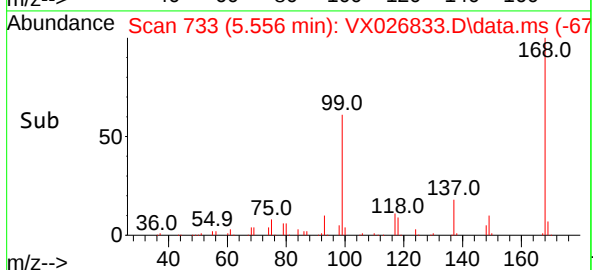
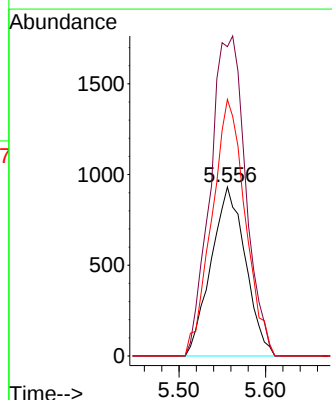
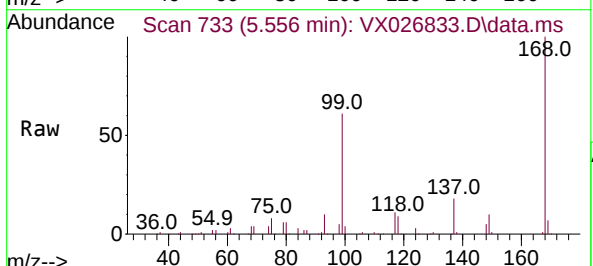
Tgt Ion: 56 Resp: 2563

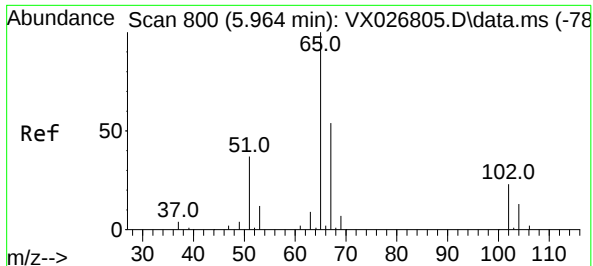
Ion Ratio Lower Upper

56 100

69 183.1 25.8 38.6#

84 151.9 68.9 103.3#

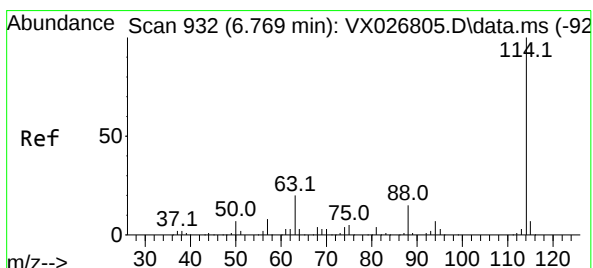
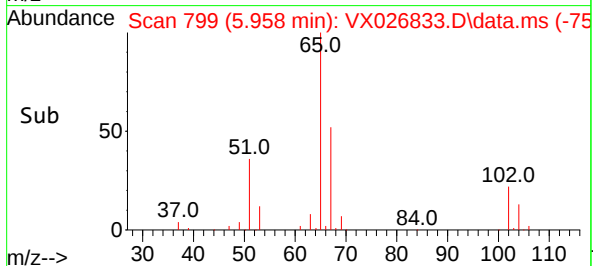
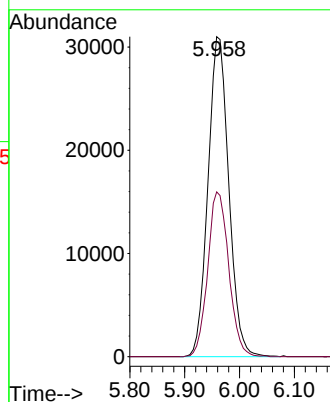
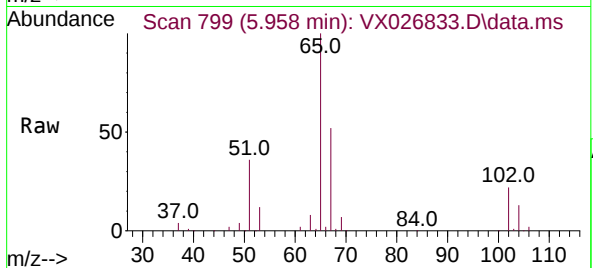




#33
 1,2-Dichloroethane-d4
 Concen: 52.764 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026833.D
 Acq: 08 Feb 2022 19:29

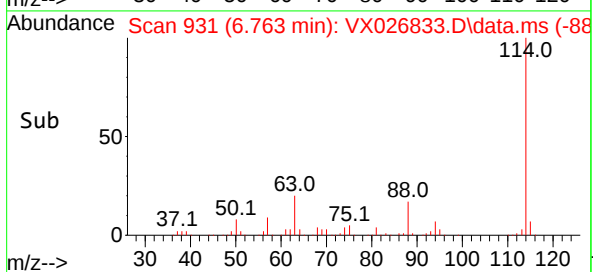
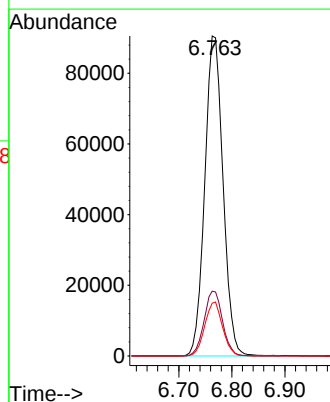
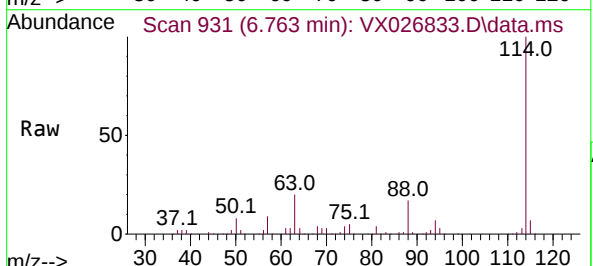
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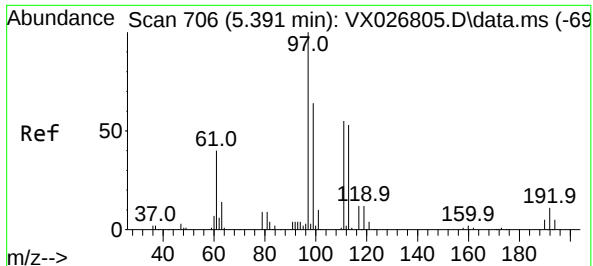
Tgt Ion: 65 Resp: 81535
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026833.D
 Acq: 08 Feb 2022 19:29

Tgt Ion: 114 Resp: 216774
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.240 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026833.D

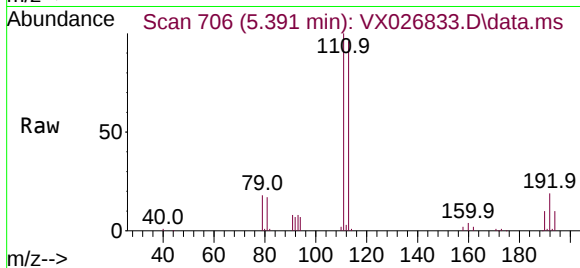
Acq: 08 Feb 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

LPBH-2022



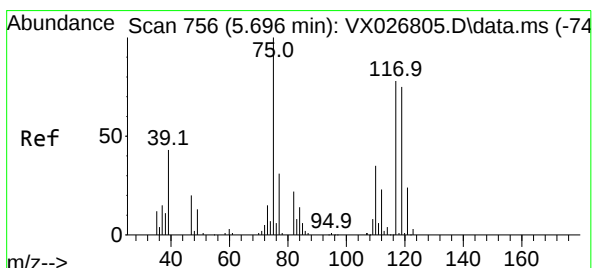
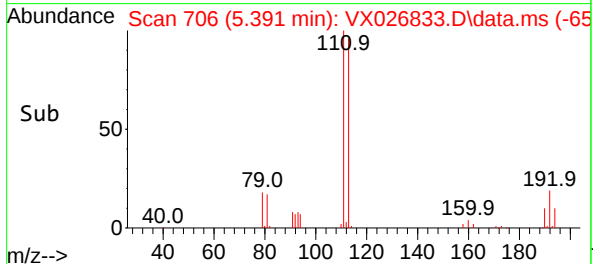
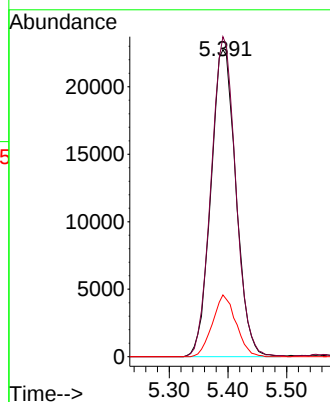
Tgt Ion:113 Resp: 67468

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

192 18.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

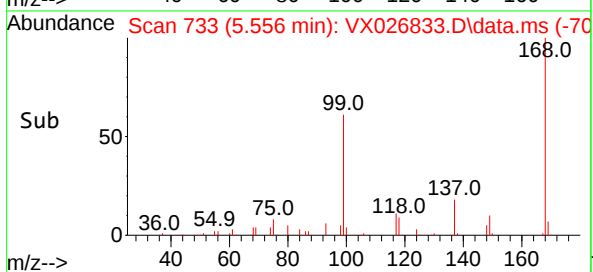
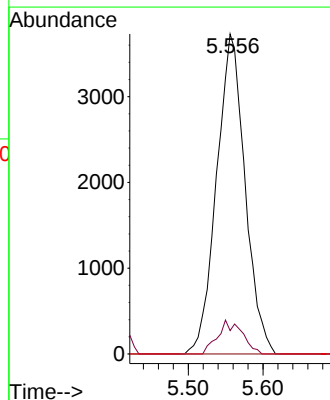
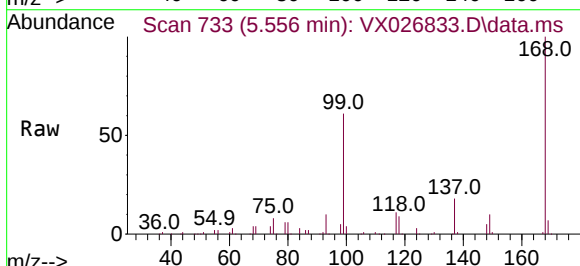
Tgt Ion: 75 Resp: 9863

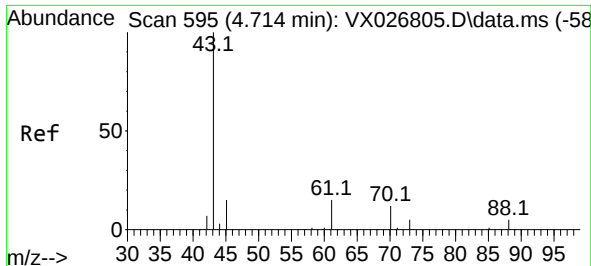
Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.257 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

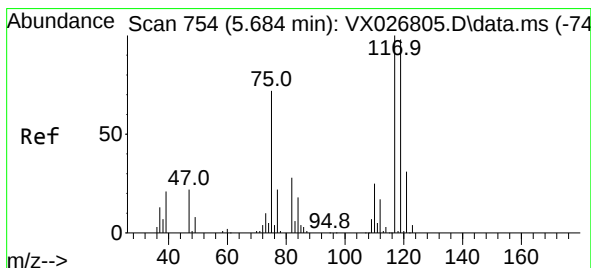
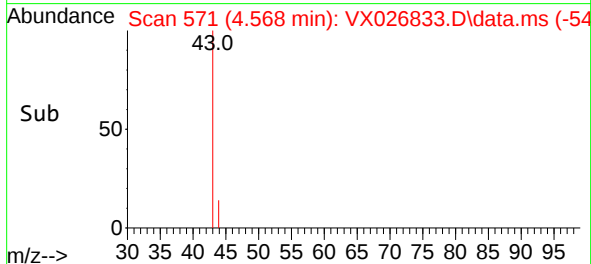
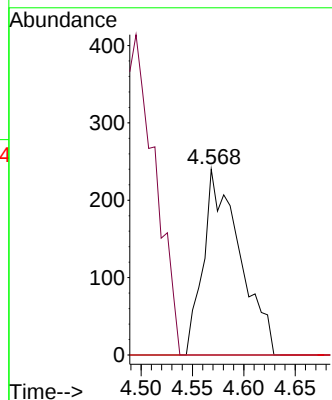
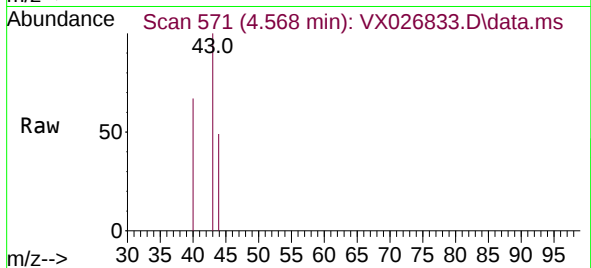
Instrument :

MSVOA_X

ClientSampleId :

LPBH-2022

Tgt Ion:	43	Resp:	594
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 6.165 ug/l

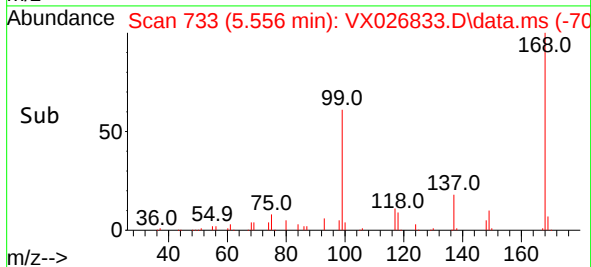
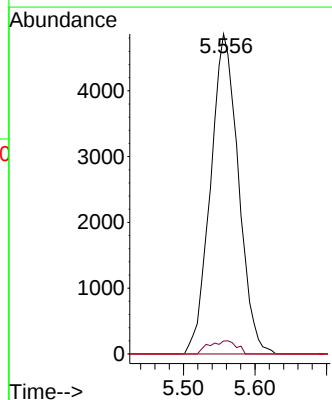
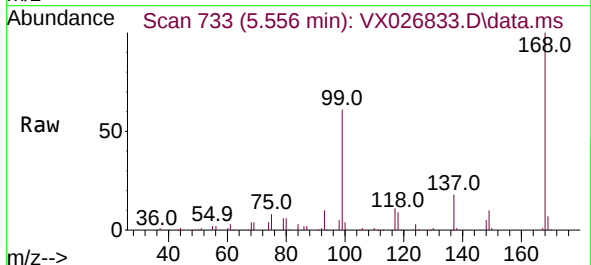
RT: 5.556 min Scan# 733

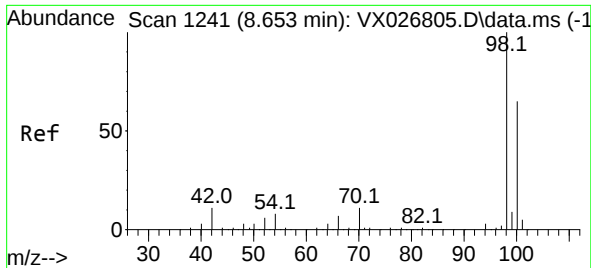
Delta R.T. -0.128 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

Tgt Ion:	117	Resp:	13172
Ion	Ratio	Lower	Upper
117	100		
119	4.1	74.7	112.1#
121	0.0	25.4	38.0#





#50

Toluene-d8

Concen: 52.860 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

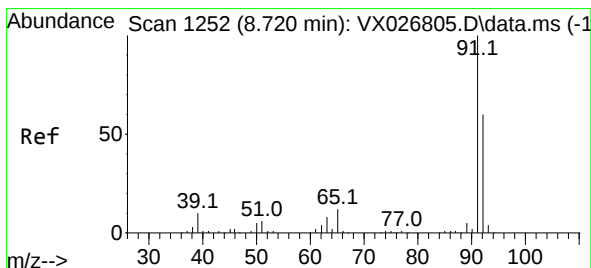
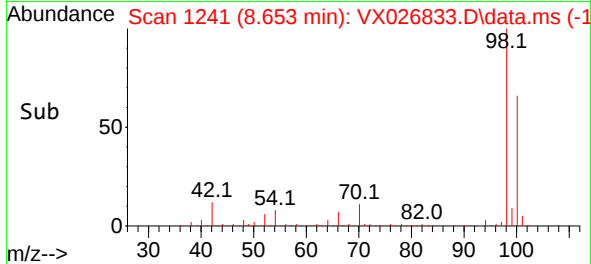
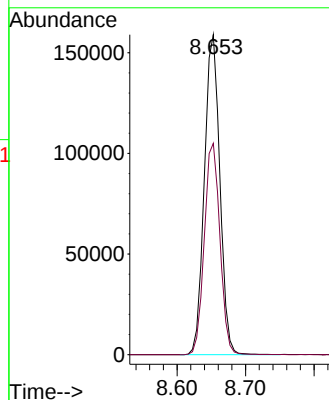
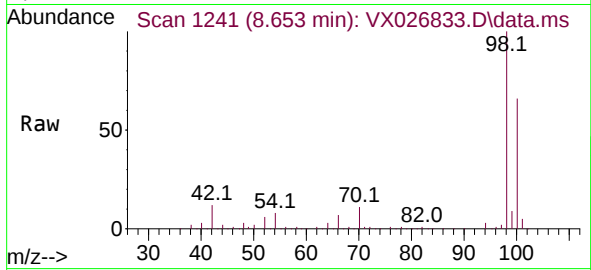
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Tgt Ion: 98 Resp: 250596

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8



#52

Toluene

Concen: 1.078 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026833.D

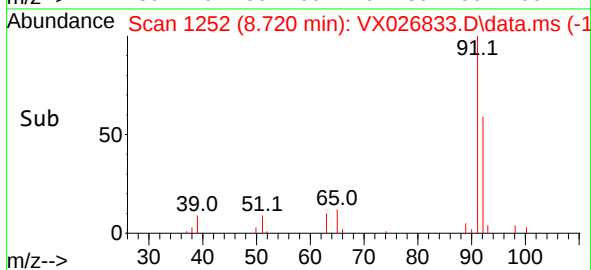
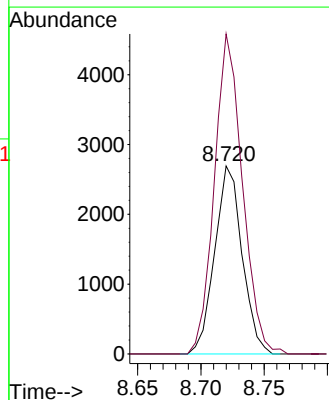
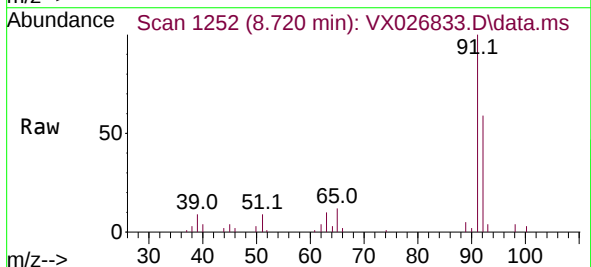
Acq: 08 Feb 2022 19:29

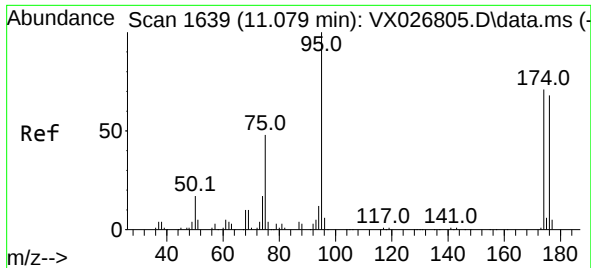
Tgt Ion: 92 Resp: 4054

Ion Ratio Lower Upper

92 100

91 174.3 135.7 203.5

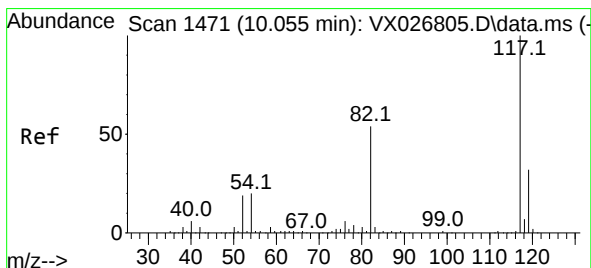
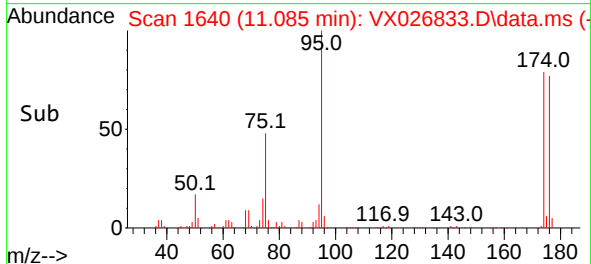
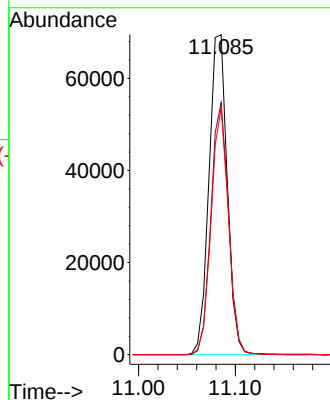
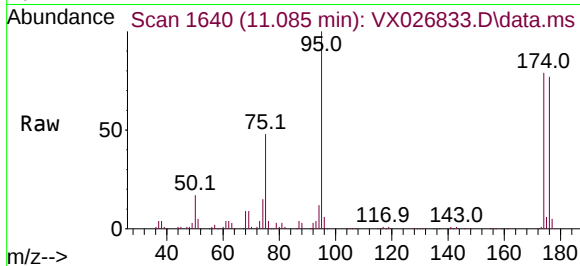




#62
4-Bromofluorobenzene
Concen: 54.871 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

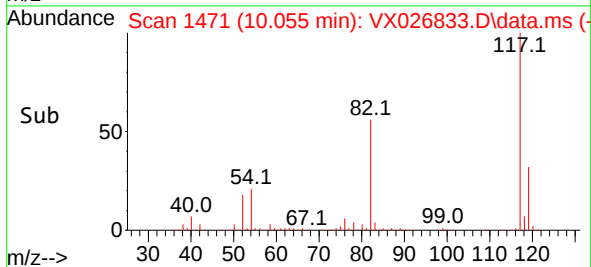
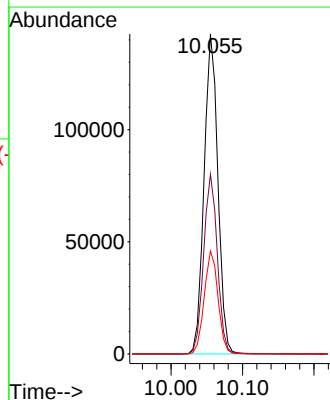
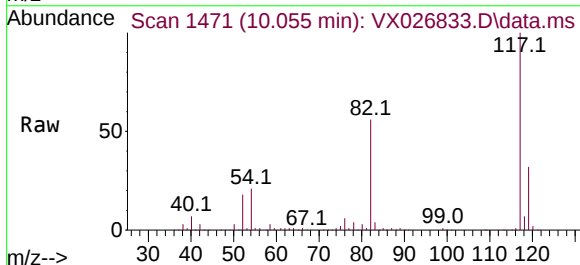
Instrument :
MSVOA_X
ClientSampleId :
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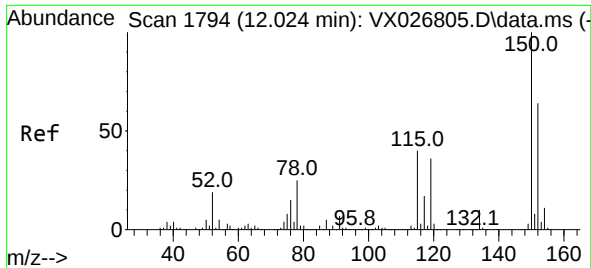
Tgt Ion: 95 Resp: 91583
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.6
176 72.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

Tgt Ion: 117 Resp: 191631
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 32.2 26.2 39.2

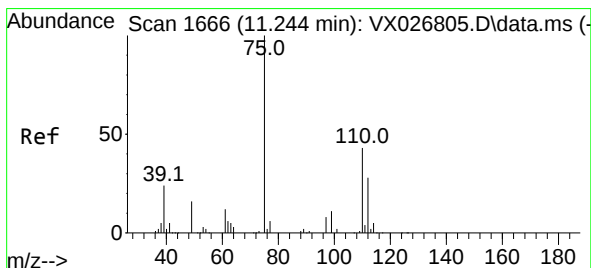
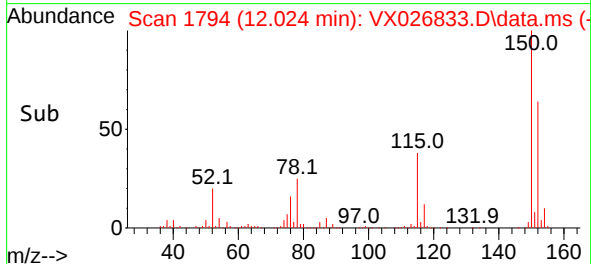
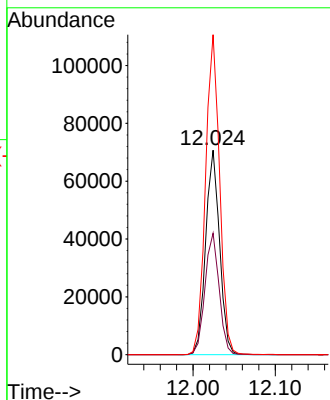
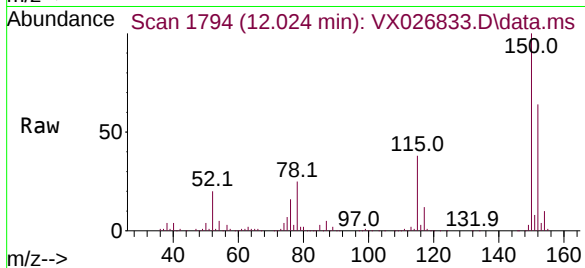




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026833.D
 Acq: 08 Feb 2022 19:29

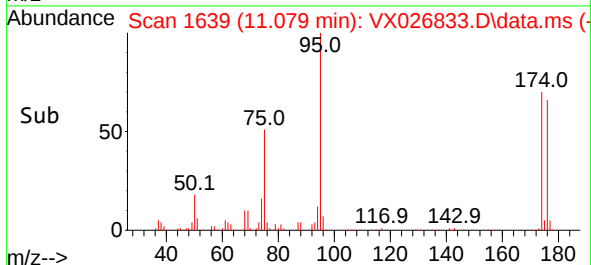
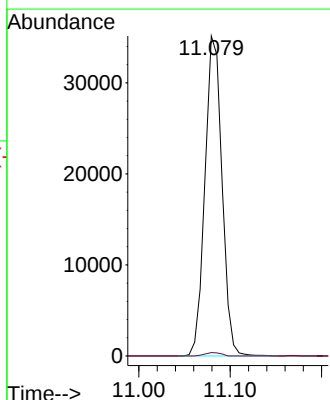
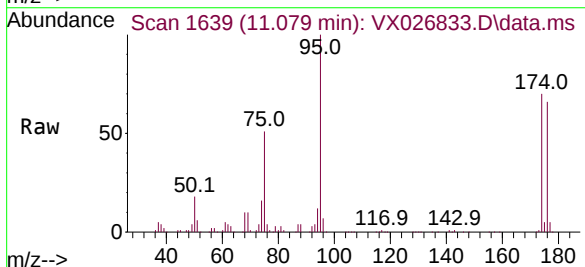
Instrument :
 MSVOA_X
 ClientSampleId :
 LPBH-2022

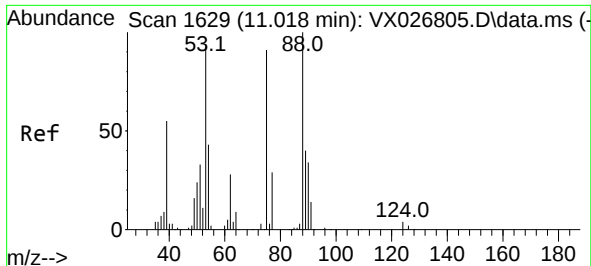
Tgt Ion:152 Resp: 83133
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.2 132.6
 150 158.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.002 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026833.D
 Acq: 08 Feb 2022 19:29

Tgt Ion: 75 Resp: 45499
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#

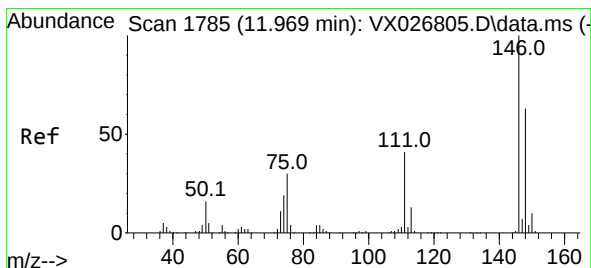
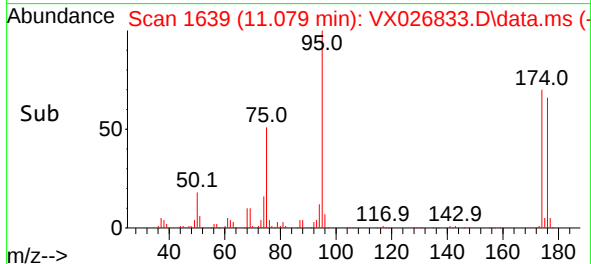
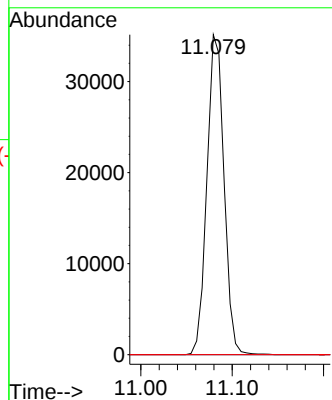
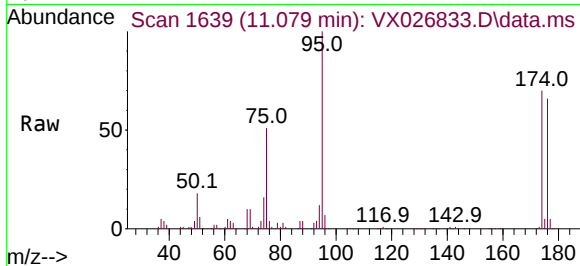




#81
trans-1,4-Dichloro-2-butene
Concen: 76.261 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

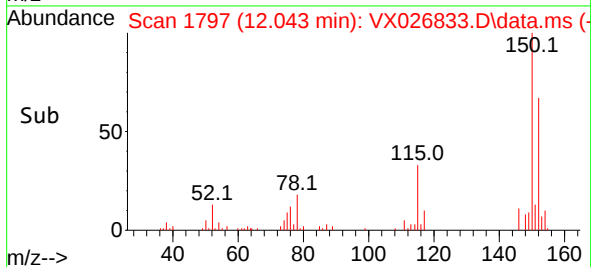
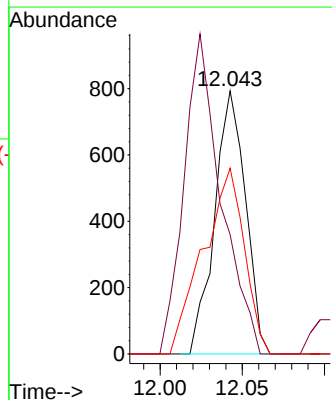
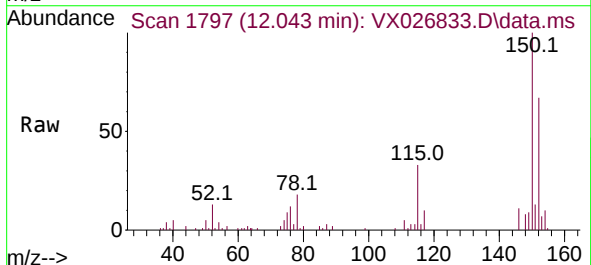
Instrument :
MSVOA_X
ClientSampleId :
LPBH-2022

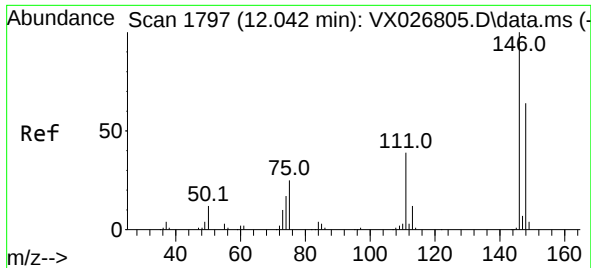
Tgt Ion: 75 Resp: 45499
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#87
1,3-Dichlorobenzene
Concen: 0.363 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.073 min
Lab File: VX026833.D
Acq: 08 Feb 2022 19:29

Tgt Ion:146 Resp: 1035
Ion Ratio Lower Upper
146 100
111 144.9 21.3 63.7#
148 93.8 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 0.360 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026833.D

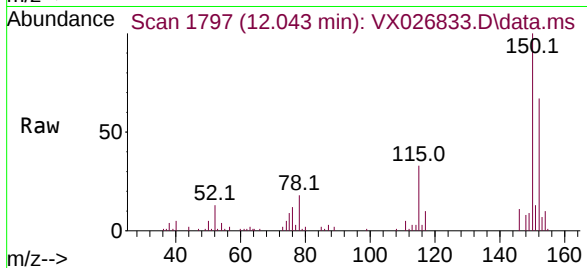
Acq: 08 Feb 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:	146	Resp:	1035
Ion	Ratio	Lower	Upper
146	100		
111	144.9	20.2	60.6#
148	93.8	31.4	94.0

