

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021741.D
 Acq On : 05 Jan 2022 19:21
 Operator : SY/VA
 Sample : M5342-05
 Misc : 3.30g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-(0-2)

Quant Time: Jan 06 05:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

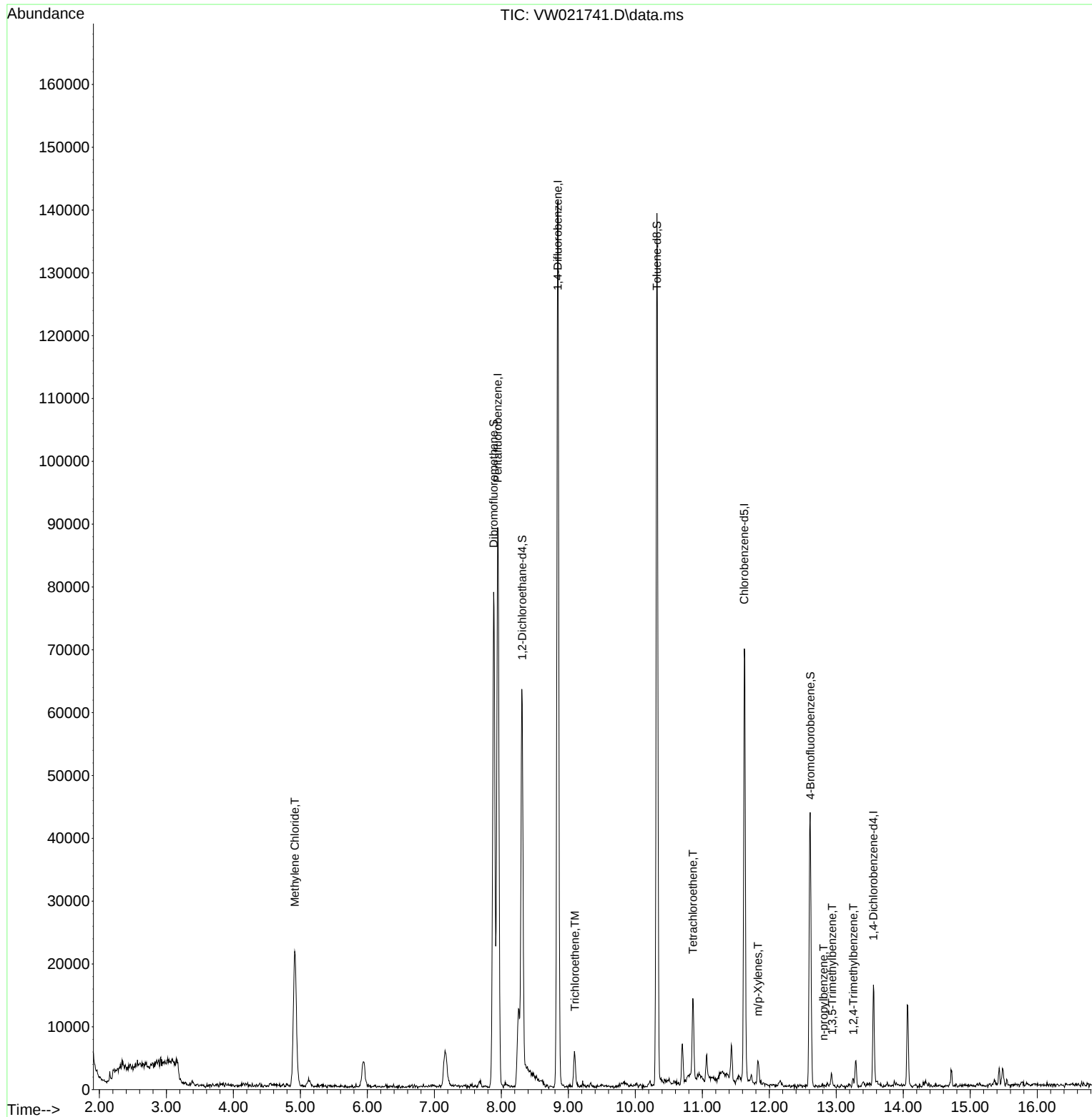
Internal Standards						
1) Pentafluorobenzene	7.945	168	68966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	123312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	41051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	4285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	48629	80.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.000%	
35) Dibromofluoromethane	7.885	113	54597	71.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.280%	
50) Toluene-d8	10.323	98	92698	33.372	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 66.740%	
62) 4-Bromofluorobenzene	12.615	95	6828	6.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 13.240%#	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.916	84	17945	17.036	ug/l	90
44) Trichloroethene	9.098	130	2020	2.141	ug/l	86
64) Tetrachloroethene	10.860	164	2933	10.356	ug/l	90
68) m/p-Xylenes	11.829	106	1229	2.138	ug/l	92
78) n-propylbenzene	12.810	91	477	1.377	ug/l #	68
80) 1,3,5-Trimethylbenzene	12.938	105	435	1.741	ug/l	87
84) 1,2,4-Trimethylbenzene	13.255	105	1022	4.179	ug/l	93

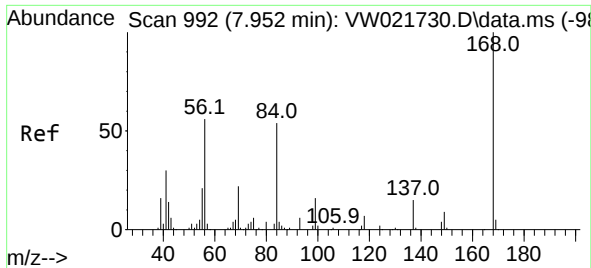
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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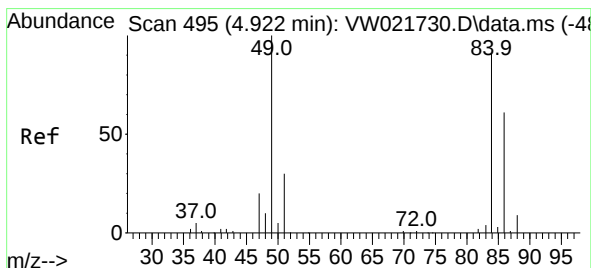
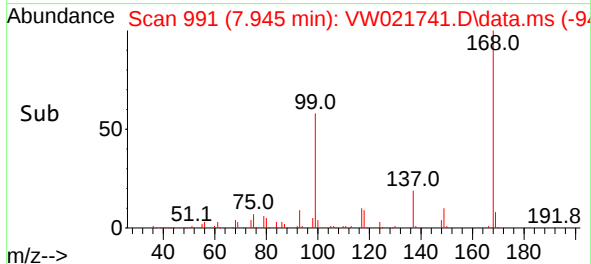
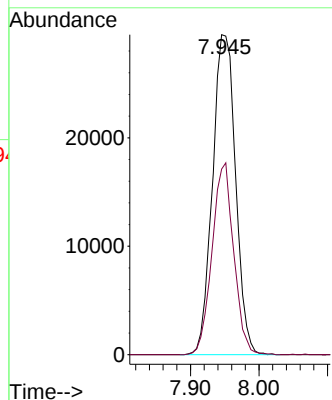
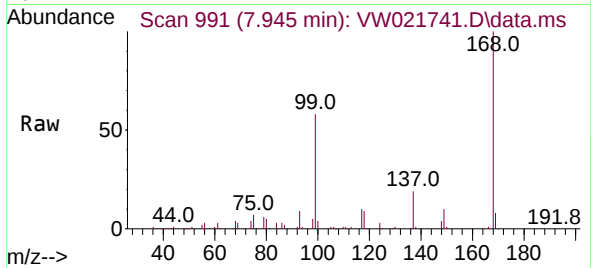




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

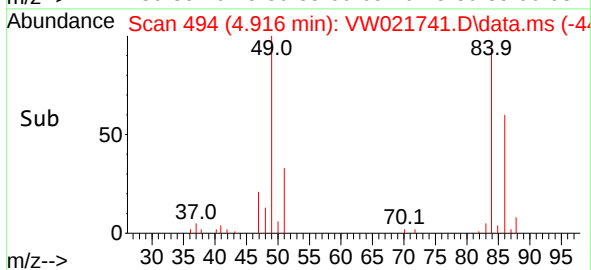
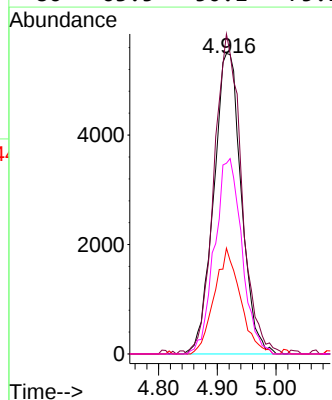
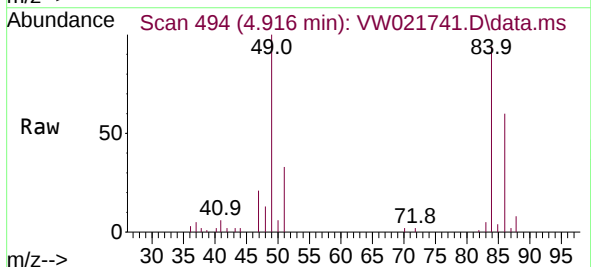
Instrument :
MSVOA_W
ClientSampleId :
SB-8-(0-2)

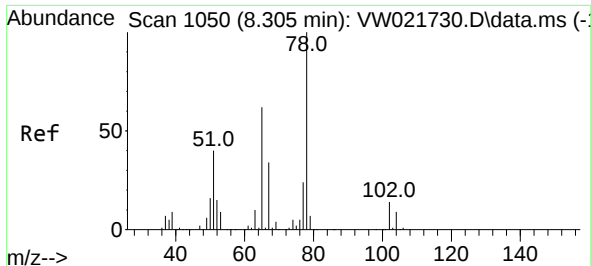
Tgt Ion:168 Resp: 68966
Ion Ratio Lower Upper
168 100
99 58.0 41.6 62.4



#20
Methylene Chloride
Concen: 17.036 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

Tgt Ion: 84 Resp: 17945
Ion Ratio Lower Upper
84 100
49 105.5 99.1 148.7
51 35.2 28.8 43.2
86 63.5 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 80.004 ug/l

RT: 8.311 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VW021741.D

Acq: 05 Jan 2022 19:21

Instrument :

MSVOA_W

ClientSampleId :

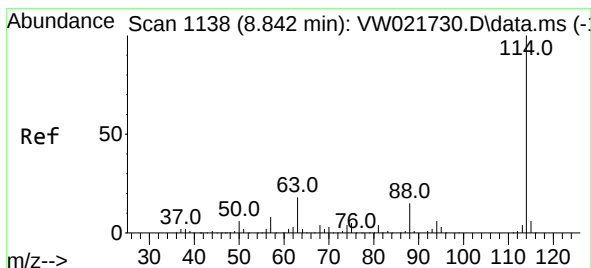
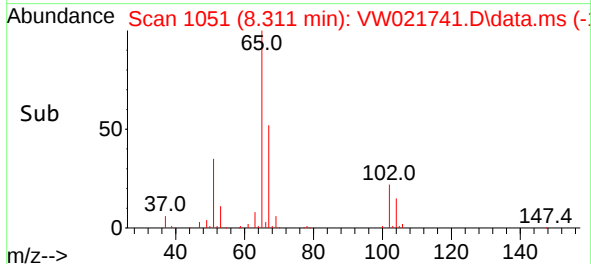
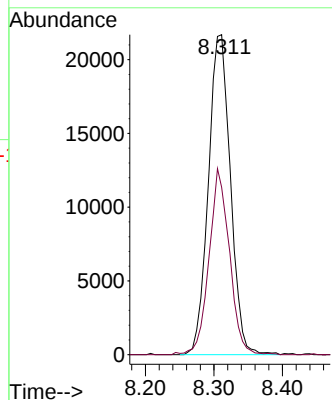
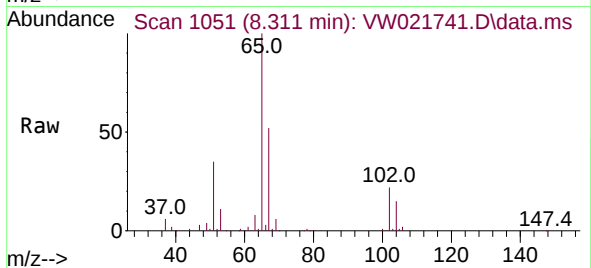
SB-8-(0-2)

Tgt Ion: 65 Resp: 48629

Ion Ratio Lower Upper

65 100

67 53.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.001 min

Lab File: VW021741.D

Acq: 05 Jan 2022 19:21

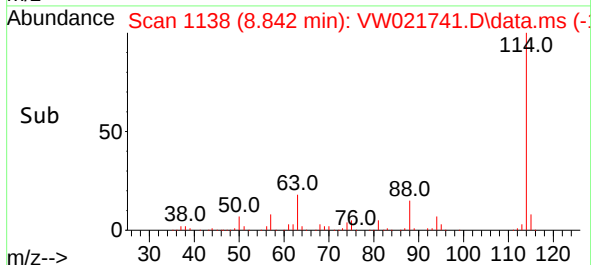
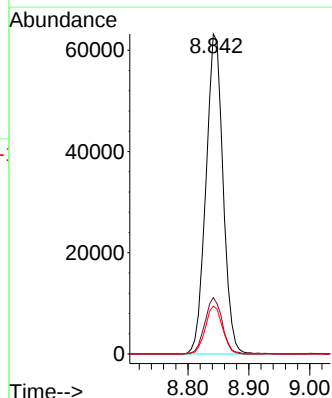
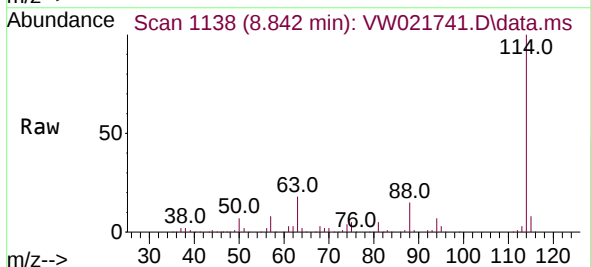
Tgt Ion: 114 Resp: 123312

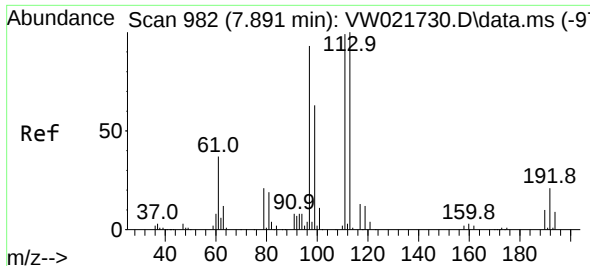
Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.2

88 14.9 0.0 28.8

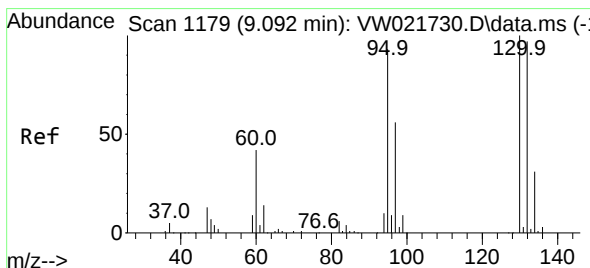
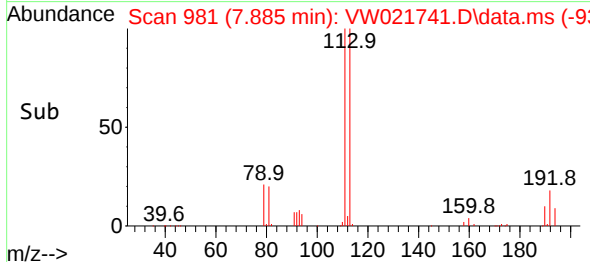
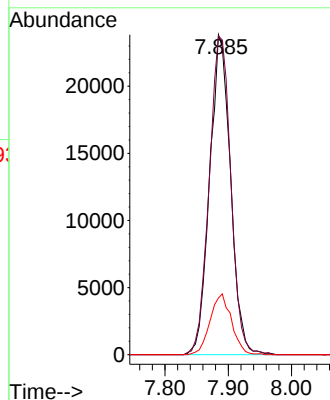
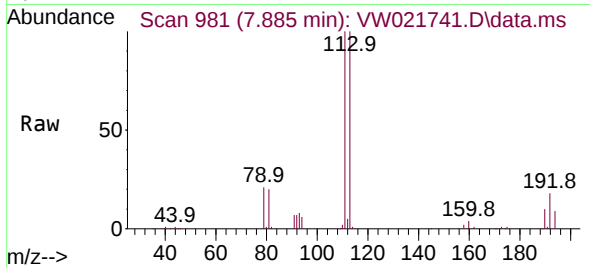




#35
 Dibromofluoromethane
 Concen: 71.138 ug/l
 RT: 7.885 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW021741.D
 Acq: 05 Jan 2022 19:21

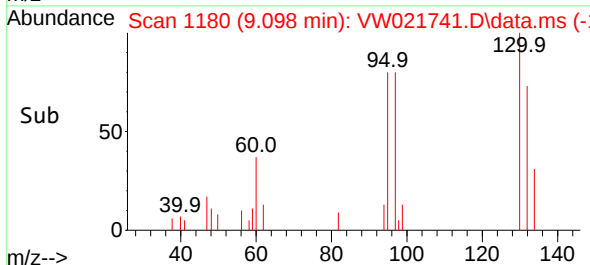
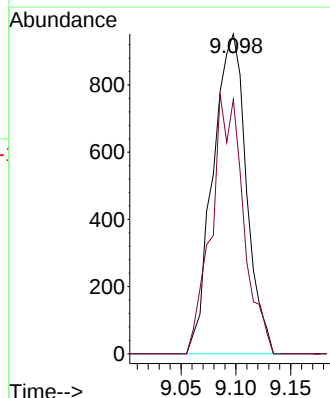
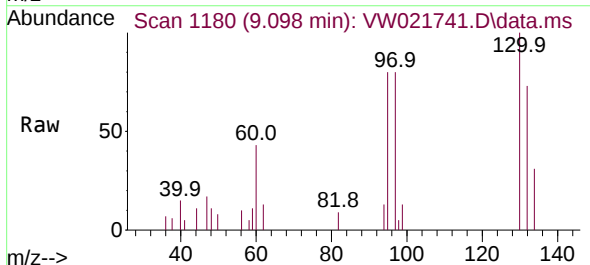
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-(0-2)

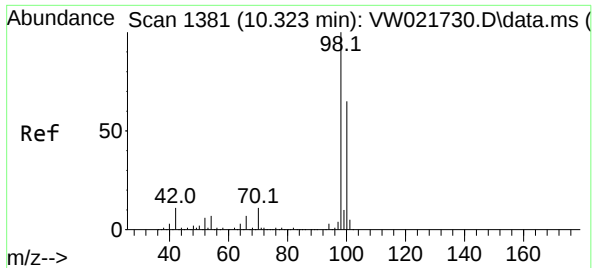
Tgt Ion:113 Resp: 54597
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.2 121.8
 192 19.5 16.8 25.2



#44
 Trichloroethene
 Concen: 2.141 ug/l
 RT: 9.098 min Scan# 1180
 Delta R.T. 0.007 min
 Lab File: VW021741.D
 Acq: 05 Jan 2022 19:21

Tgt Ion:130 Resp: 2020
 Ion Ratio Lower Upper
 130 100
 95 79.5 0.0 186.6

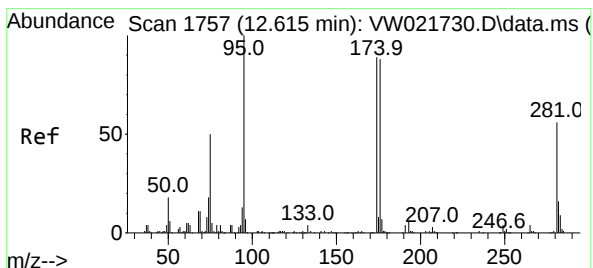
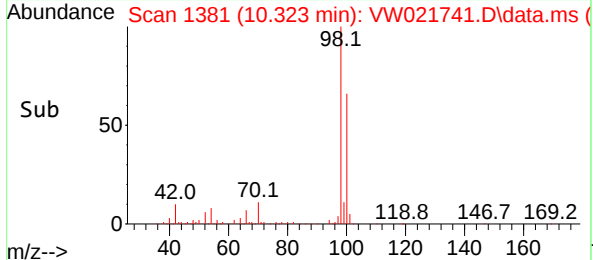
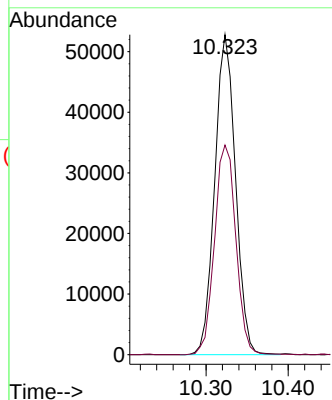
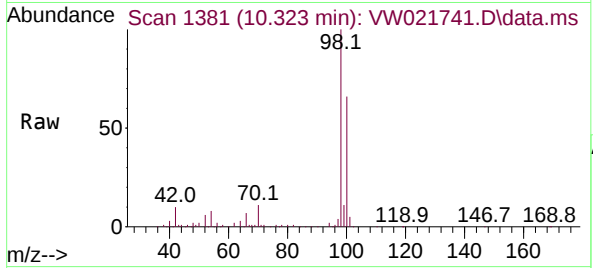




#50
Toluene-d8
Concen: 33.372 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

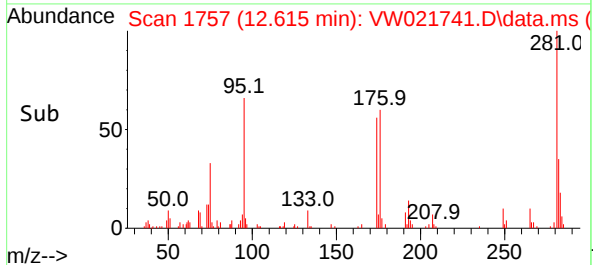
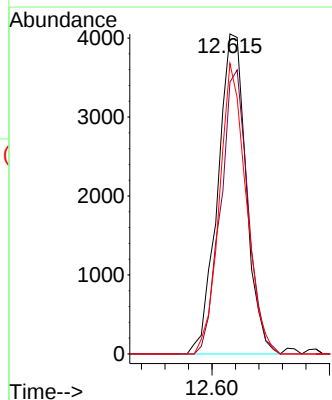
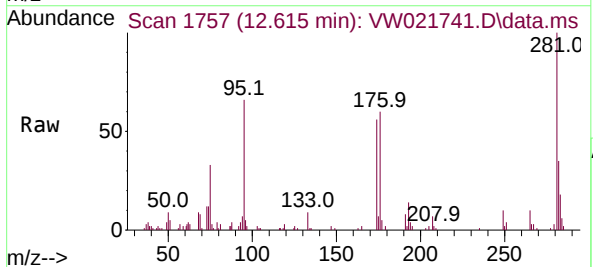
Instrument :
MSVOA_W
ClientSampleId :
SB-8-(0-2)

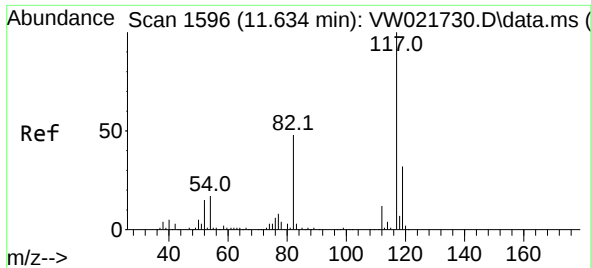
Tgt Ion: 98 Resp: 92698
Ion Ratio Lower Upper
98 100
100 67.4 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 6.622 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

Tgt Ion: 95 Resp: 6828
Ion Ratio Lower Upper
95 100
174 84.8 0.0 171.2
176 85.2 0.0 175.4

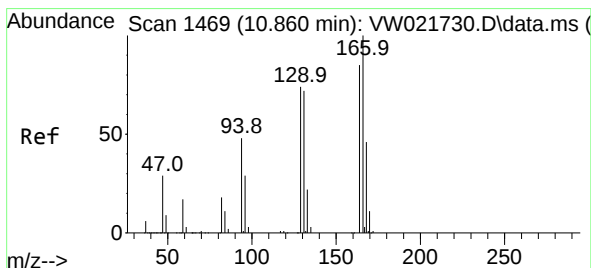
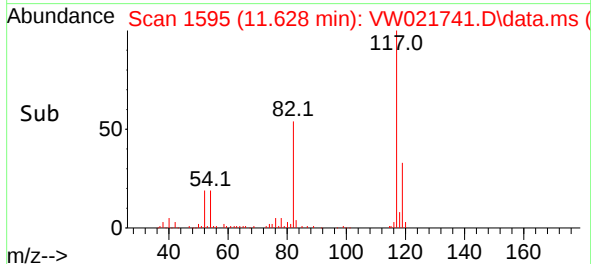
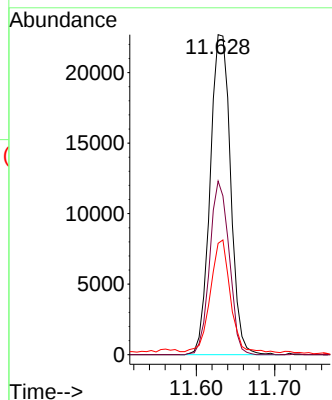
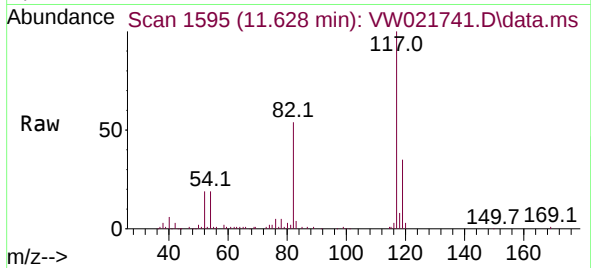




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

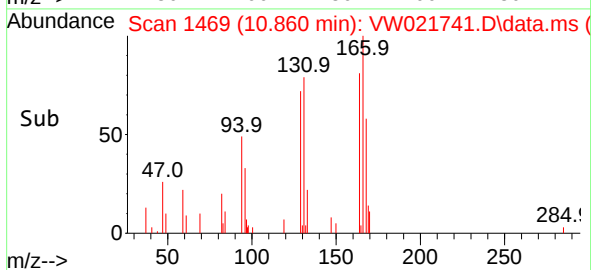
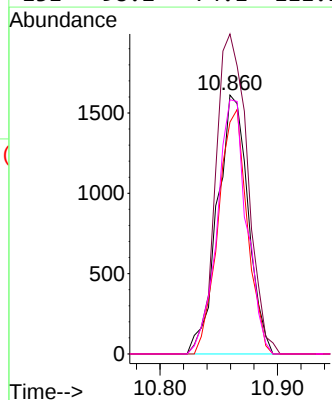
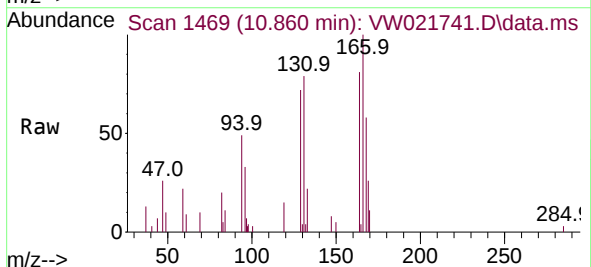
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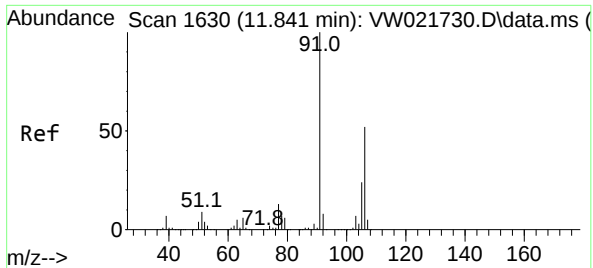
Tgt Ion:	117	Resp:	41051
Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.4	62.2
119	34.2	27.2	40.8



#64
Tetrachloroethene
Concen: 10.356 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.001 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

Tgt Ion:	164	Resp:	2933
Ion	Ratio	Lower	Upper
164	100		
166	123.6	114.4	171.6
129	89.5	68.3	102.5
131	98.2	74.1	111.1

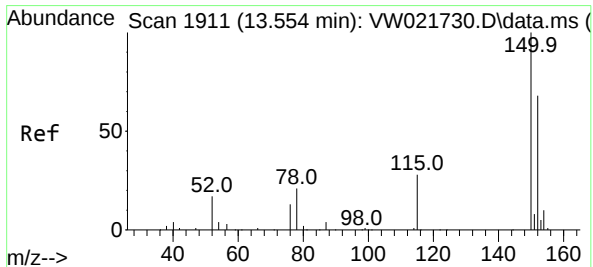
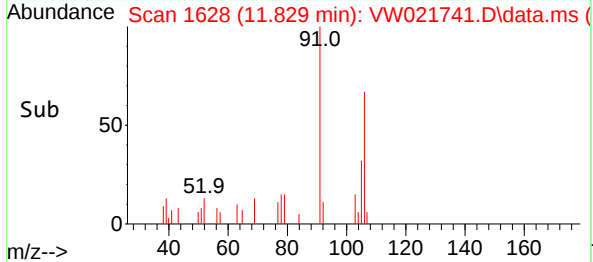
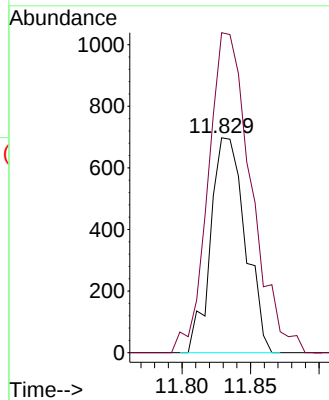
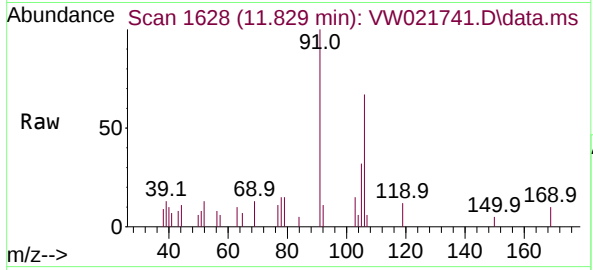




#68
m/p-Xylenes
Concen: 2.138 ug/l
RT: 11.829 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

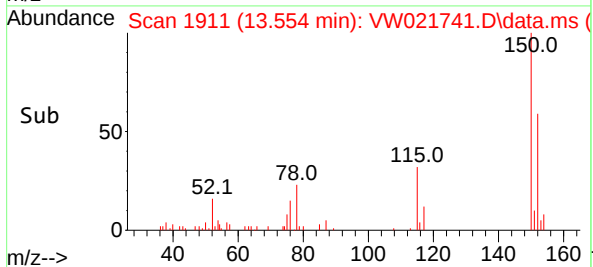
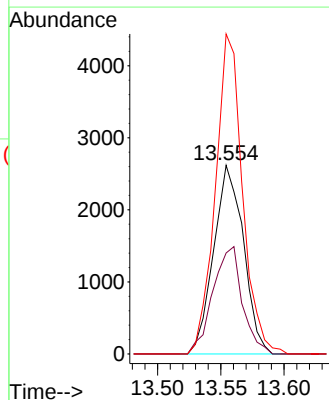
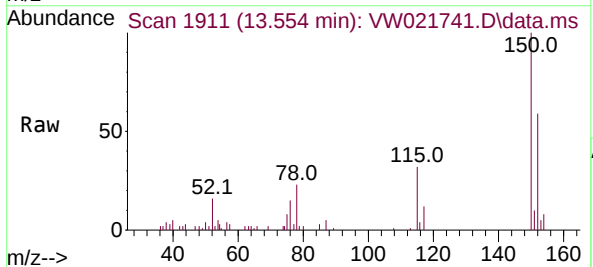
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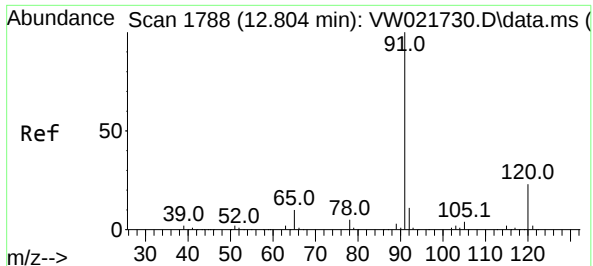
Tgt Ion:106 Resp: 1229
Ion Ratio Lower Upper
106 100
91 184.5 157.8 236.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW021741.D
Acq: 05 Jan 2022 19:21

Tgt Ion:152 Resp: 4285
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.3
150 154.6 0.0 348.4





#78

n-propylbenzene

Concen: 1.377 ug/l

RT: 12.810 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021741.D

Acq: 05 Jan 2022 19:21

Instrument :

MSVOA_W

ClientSampleId :

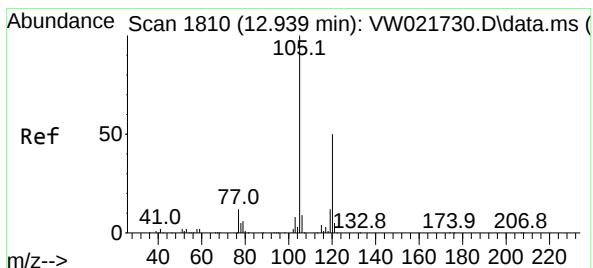
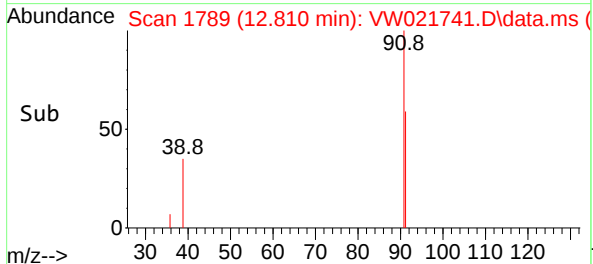
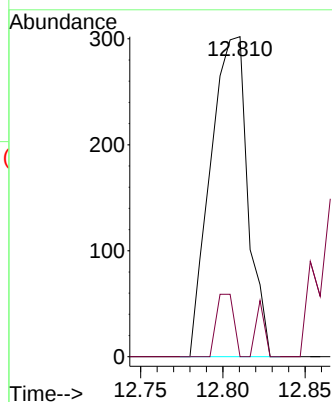
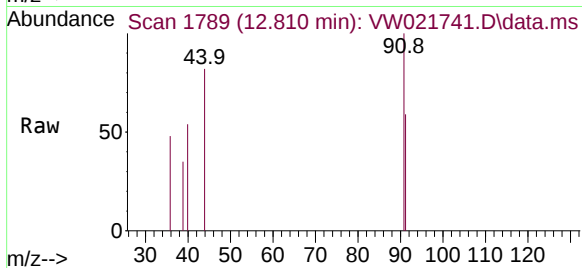
SB-8-(0-2)

Tgt Ion: 91 Resp: 477

Ion Ratio Lower Upper

91 100

120 9.0 12.4 37.4#



#80

1,3,5-Trimethylbenzene

Concen: 1.741 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021741.D

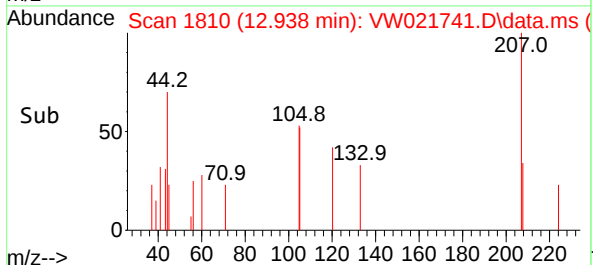
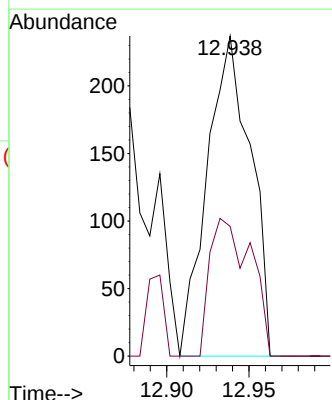
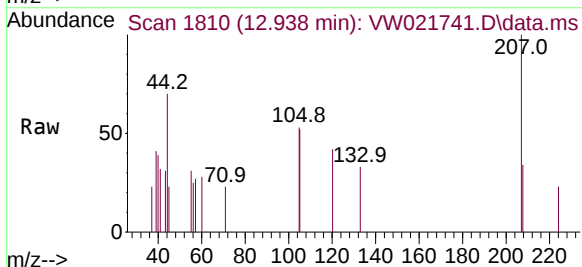
Acq: 05 Jan 2022 19:21

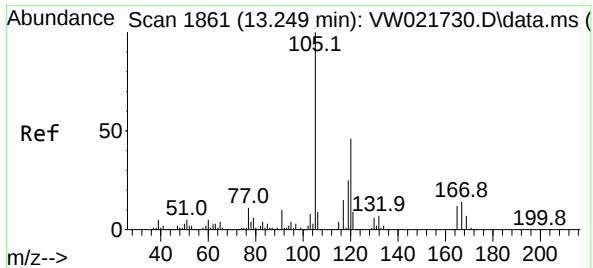
Tgt Ion:105 Resp: 435

Ion Ratio Lower Upper

105 100

120 40.7 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 4.179 ug/l
 RT: 13.255 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021741.D
 Acq: 05 Jan 2022 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-(0-2)

Tgt Ion:105 Resp: 1022
 Ion Ratio Lower Upper
 105 100
 120 40.8 22.7 68.1

