

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028672.D
 Acq On : 21 Oct 2022 19:32
 Operator : SY/MD
 Sample : N5216-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA84

Quant Time: Oct 21 23:05:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

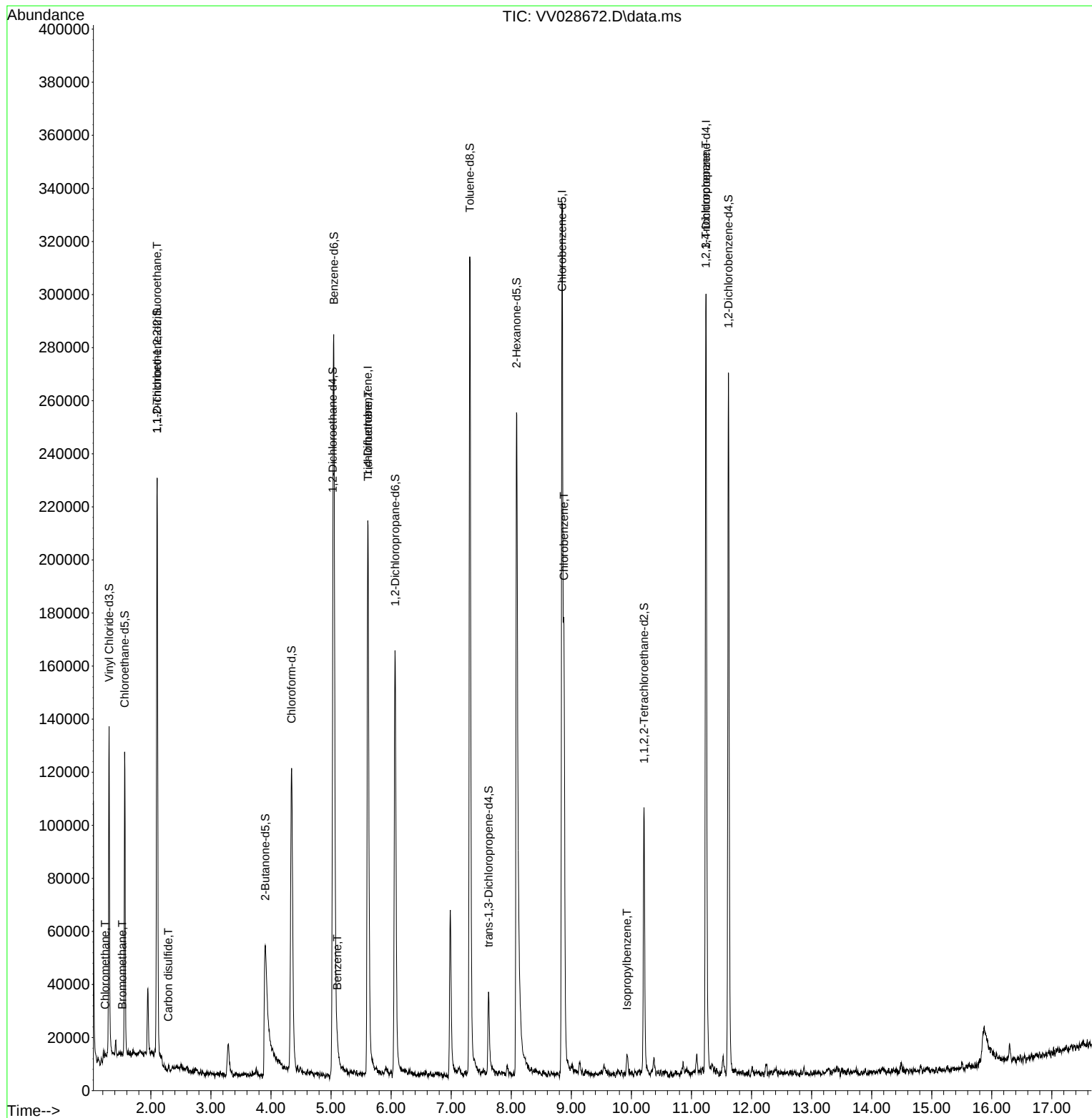
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	174979	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	161422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	70507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82147	4.742	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.564	69	70267	5.160	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.105	63	121568	4.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.800%	
20) 2-Butanone-d5	3.905	46	120384	36.921	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.840%	
24) Chloroform-d	4.342	84	118178	4.599	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.031	65	59951	4.307	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
32) Benzene-d6	5.047	84	247741	3.527	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.600%	
36) 1,2-Dichloropropane-d6	6.066	67	80030	3.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.600%	
41) Toluene-d8	7.310	98	202979	3.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.622	79	18050	3.376	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.600%	
46) 2-Hexanone-d5	8.088	63	108055	48.678	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.360%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48286	4.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	61323	4.839	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1203	0.071	ug/L #	66
6) Bromomethane	1.523	94	789	0.099	ug/L	77
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1119	0.093	ug/L #	44
14) Carbon disulfide	2.291	76	1652	0.061	ug/L #	53
33) Benzene	5.104	78	8417	0.111	ug/L	100
34) Trichloroethene	5.616	95	4702	0.269	ug/L #	11
51) Chlorobenzene	8.876	112	80284	2.190	ug/L	99
60) Isopropylbenzene	9.924	105	4917	0.083	ug/L #	83
61) 1,2,3-Trichloropropane	11.239	75	11371	1.488	ug/L #	68

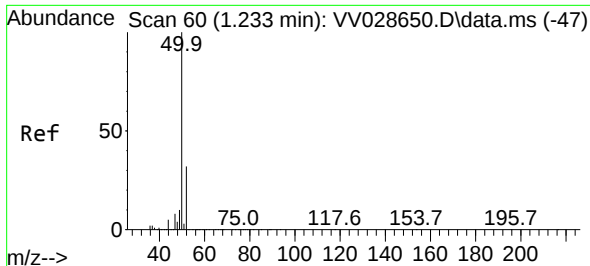
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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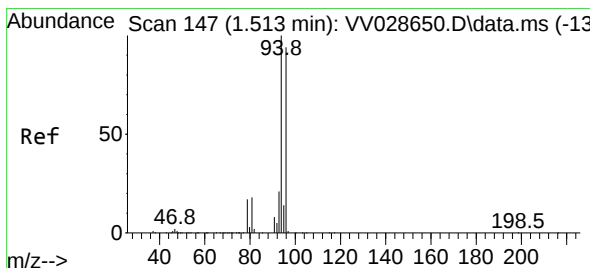
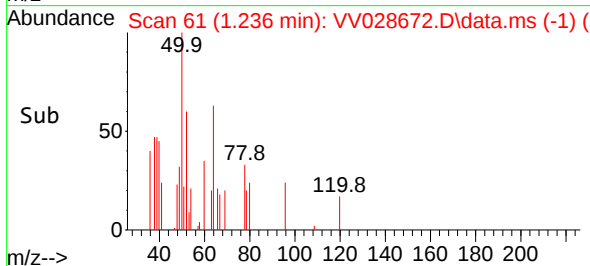
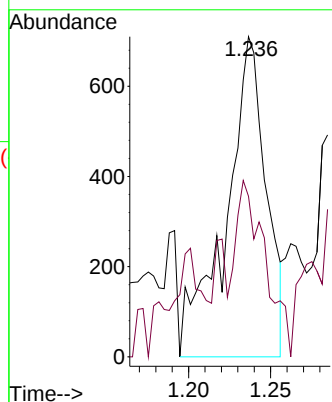
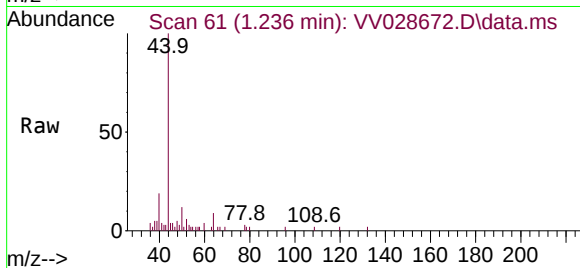




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

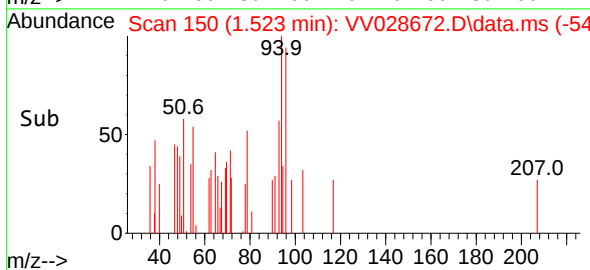
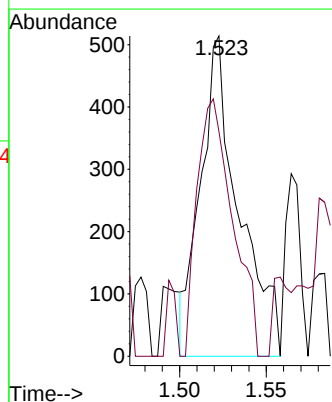
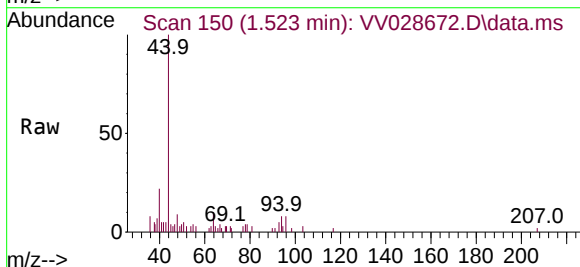
Instrument :
MSVOA_V
ClientSampleId :
BHA84

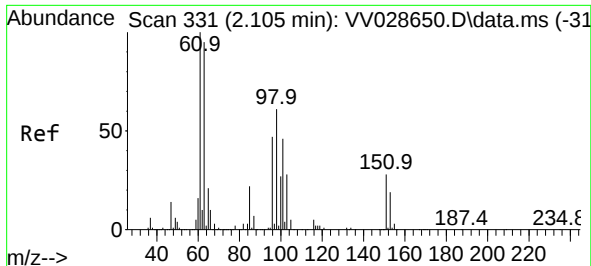
Tgt Ion: 50 Resp: 1203
Ion Ratio Lower Upper
50 100
52 50.1 21.8 40.6#



#6
Bromomethane
Concen: 0.099 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

Tgt Ion: 94 Resp: 789
Ion Ratio Lower Upper
94 100
96 70.2 64.3 119.3

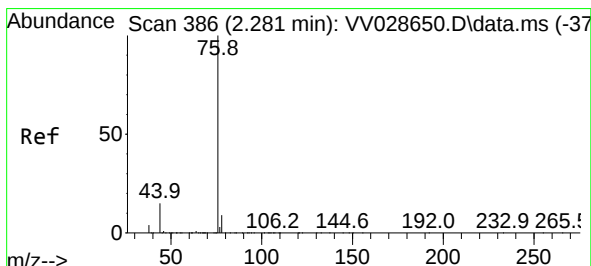
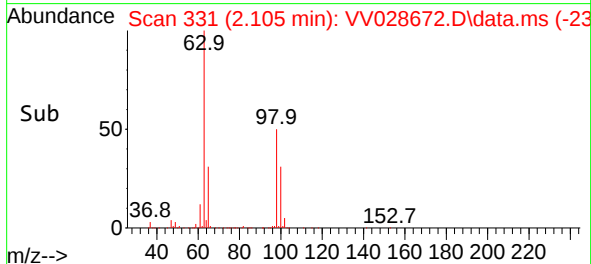
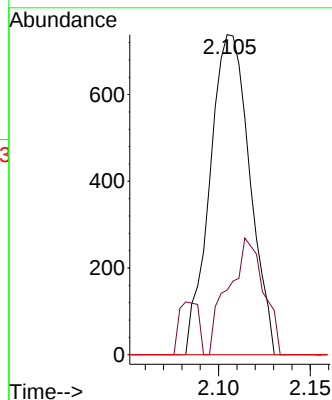
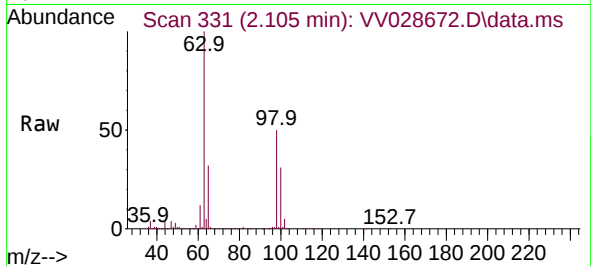




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

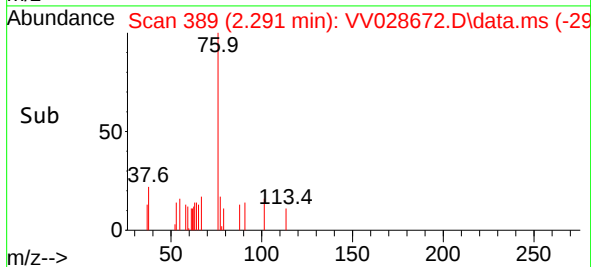
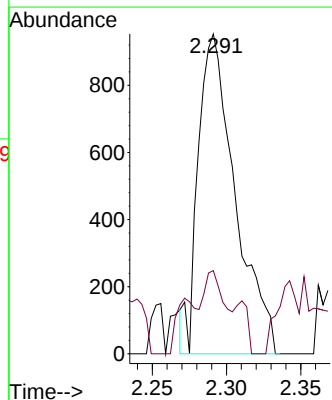
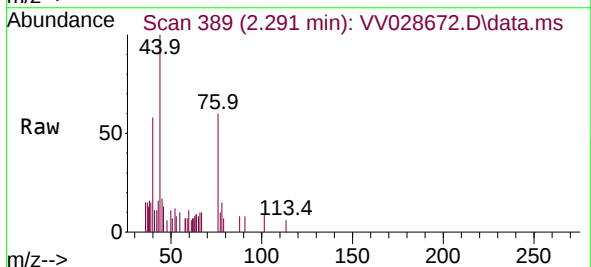
Instrument :
MSVOA_V
ClientSampleId :
BHA84

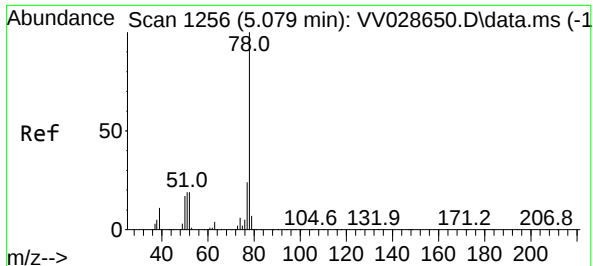
Tgt Ion:101 Resp: 1119
Ion Ratio Lower Upper
101 100
85 32.3 37.0 55.6#
151 0.0 50.2 75.2#



#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.010 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

Tgt Ion: 76 Resp: 1652
Ion Ratio Lower Upper
76 100
78 26.0 7.1 10.7#

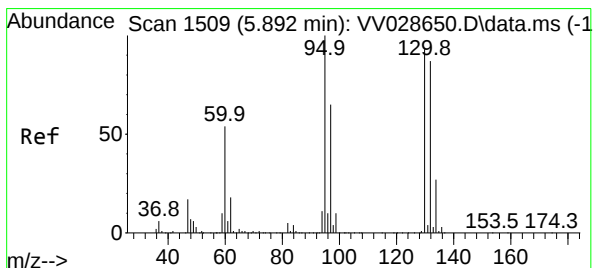
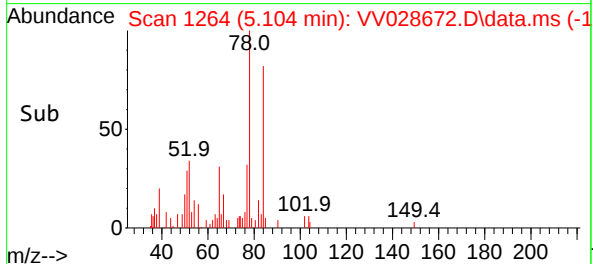
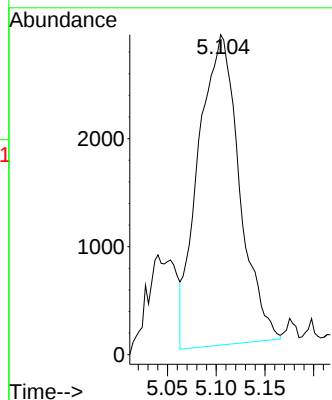
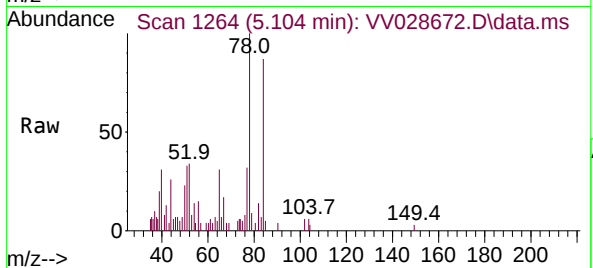




#33
Benzene
Concen: 0.111 ug/L
RT: 5.104 min Scan# 1423
Delta R.T. 0.026 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

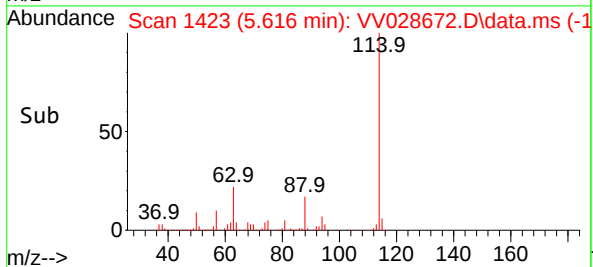
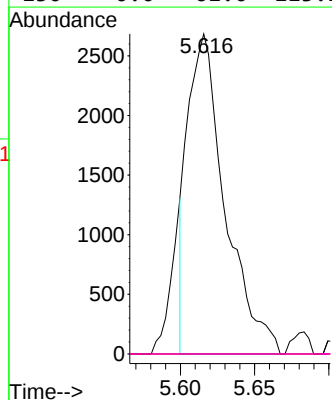
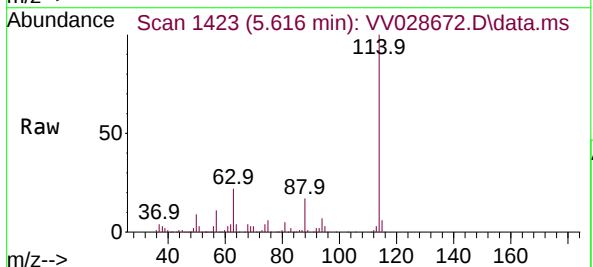
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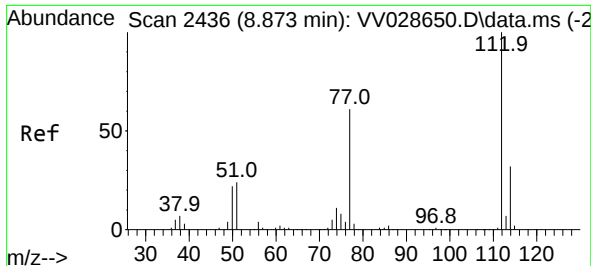
Tgt Ion: 78 Resp: 8417



#34
Trichloroethene
Concen: 0.269 ug/L
RT: 5.616 min Scan# 1423
Delta R.T. -0.276 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

Tgt Ion: 95 Resp: 4702
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.9#
132 0.0 56.5 104.9#
130 0.0 61.0 113.2#

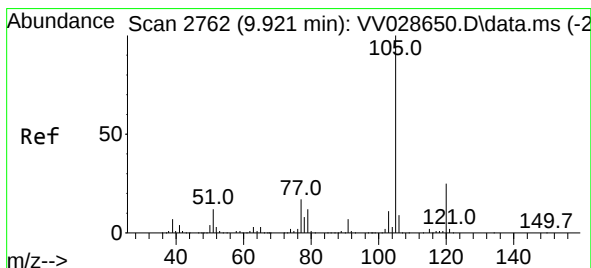
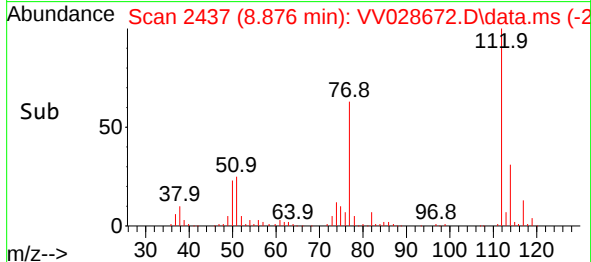
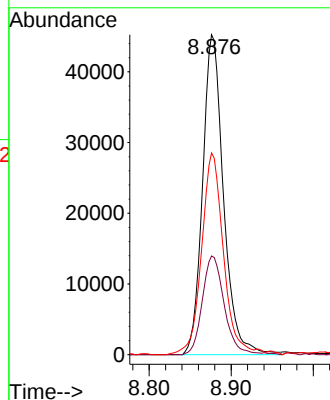
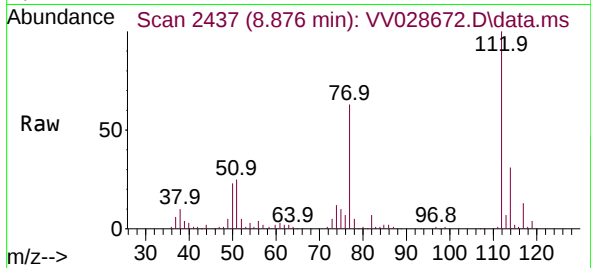




#51
Chlorobenzene
Concen: 2.190 ug/L
RT: 8.876 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

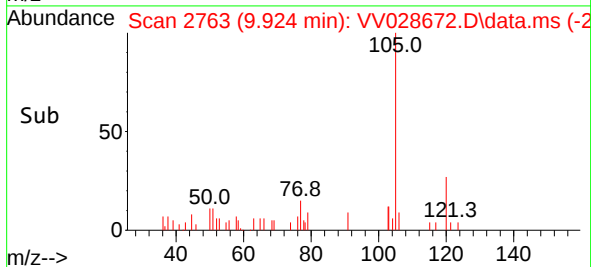
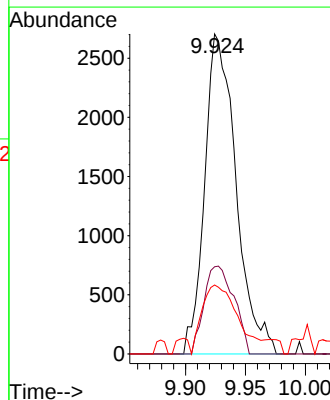
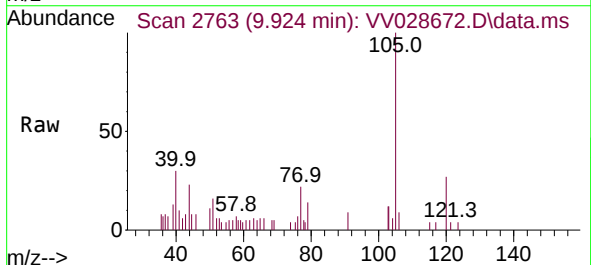
Instrument :
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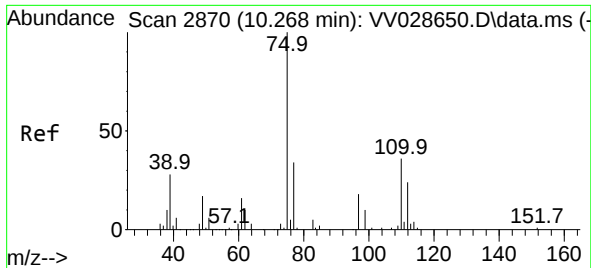
Tgt Ion:112 Resp: 80284
Ion Ratio Lower Upper
112 100
114 30.9 22.0 41.0
77 63.0 50.0 75.0



#60
Isopropylbenzene
Concen: 0.083 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VV028672.D
Acq: 21 Oct 2022 19:32

Tgt Ion:105 Resp: 4917
Ion Ratio Lower Upper
105 100
120 26.3 20.1 30.1
77 0.0 13.4 20.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.488 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV028672.D
 Acq: 21 Oct 2022 19:32

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 11371
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.2 37.8
 110 1.0 27.9 41.9#

