

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028666.D
 Acq On : 21 Oct 2022 16:47
 Operator : SY/MD
 Sample : N5216-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC0

Quant Time: Oct 21 23:03:53 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	5.612	114	152823	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	142755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	63347	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76312	5.044	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.564	69	68393	5.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.000%	
11) 1,1-Dichloroethene-d2	2.104	63	113921	4.333	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.600%	
20) 2-Butanone-d5	3.899	46	89260	31.344	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	62.680%	
24) Chloroform-d	4.342	84	112743	5.024	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.030	65	56433	4.643	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.046	84	238381	3.838	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
36) 1,2-Dichloropropane-d6	6.066	67	77258	3.967	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.400%	
41) Toluene-d8	7.310	98	200074	4.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	7.619	79	17516	3.705	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.000%	
46) 2-Hexanone-d5	8.088	63	100788	51.341	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.680%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48120	5.231	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	59354	5.213	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	

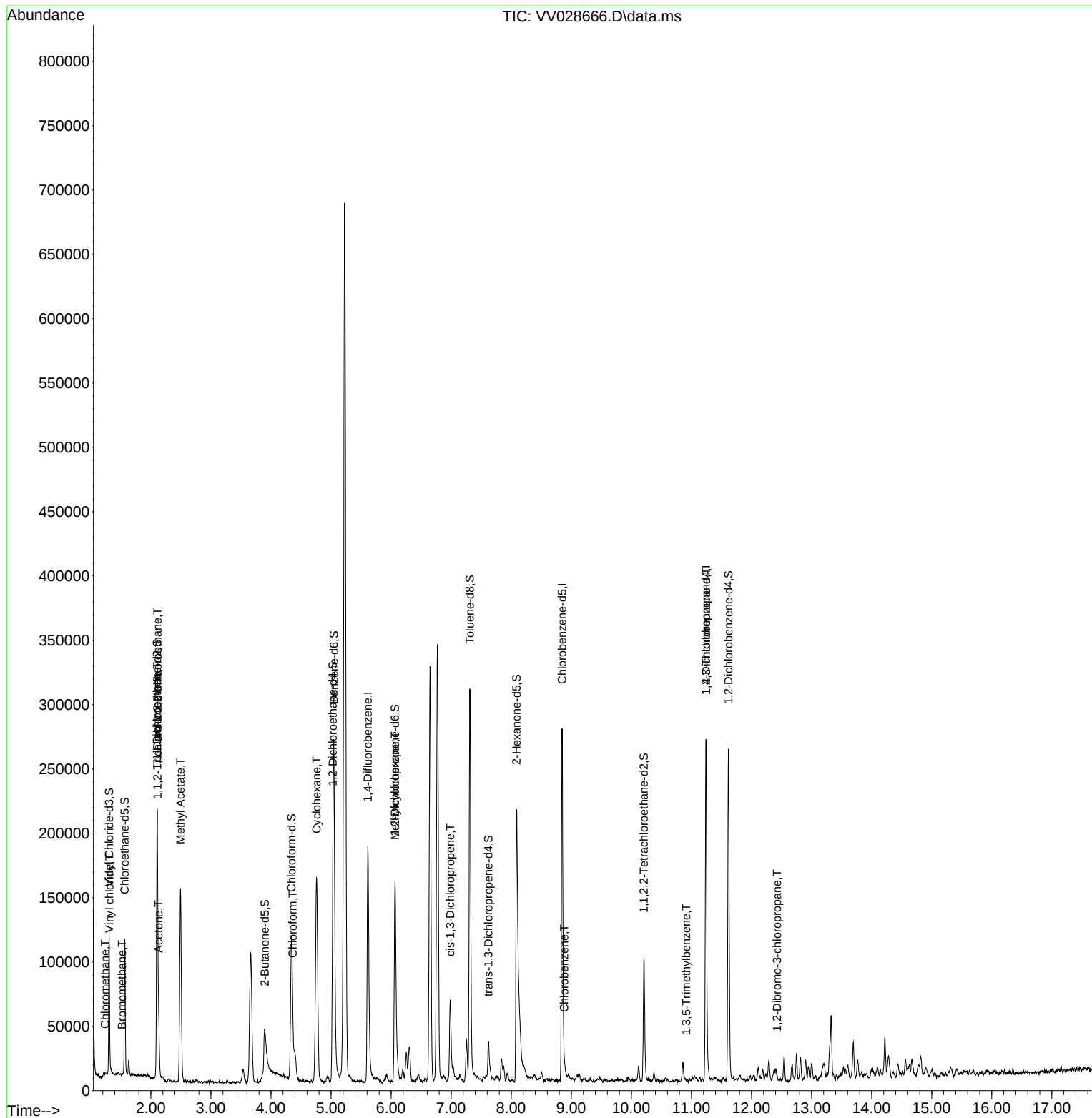
Target Compounds					Qvalue
3) Chloromethane	1.236	50	570	0.038	ug/L 90
5) Vinyl chloride	1.310	62	641	0.045	ug/L # 1
6) Bromomethane	1.519	94	295	0.042	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	944	0.090	ug/L # 35
12) 1,1-Dichloroethene	2.108	96	1190	0.121	ug/L # 1
13) Acetone	2.127	43	16208	8.879	ug/L 58
15) Methyl Acetate	2.494	43	87018	16.023	ug/L # 59
25) Chloroform	4.362	83	1864	0.078	ug/L # 42
30) Cyclohexane	4.757	56	85376	3.168	ug/L # 25
35) Methylcyclohexane	6.063	83	18239	0.752	ug/L # 16
39) cis-1,3-Dichloropropene	6.985	75	1967	0.106	ug/L # 68
51) Chlorobenzene	8.882	112	1684	0.052	ug/L # 79
61) 1,2,3-Trichloropropane	11.242	75	10277	1.497	ug/L # 69
62) 1,3,5-Trimethylbenzene	10.911	105	615	0.040	ug/L 92
68) 1,2-Dibromo-3-chloropr...	12.426	75	263	0.219	ug/L # 9

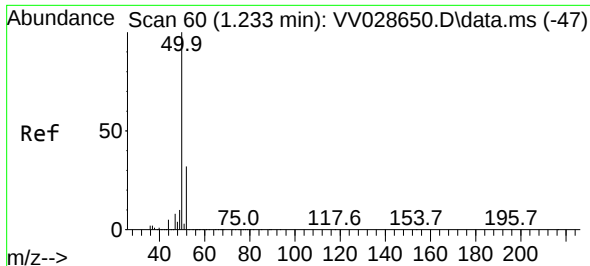
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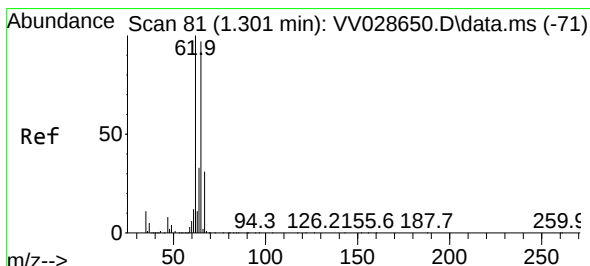
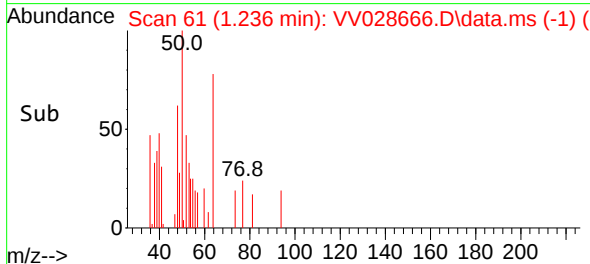
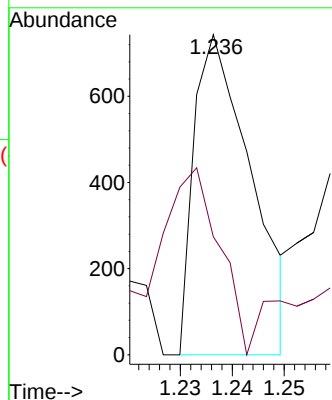
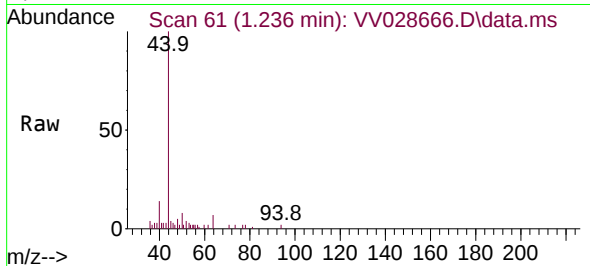




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

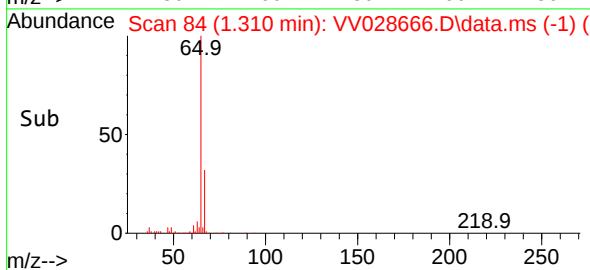
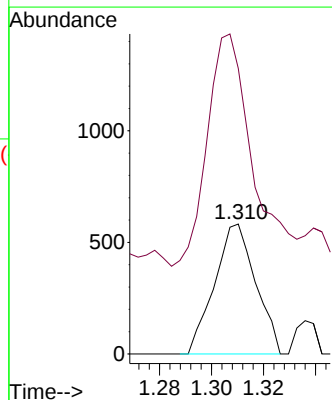
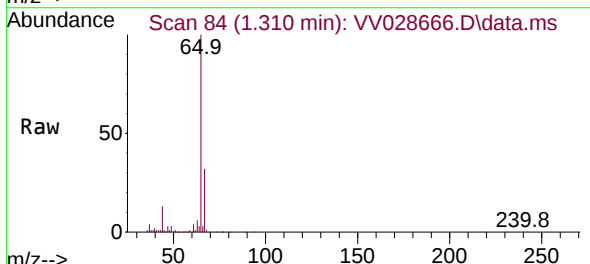
Instrument :
MSVOA_V
ClientSampleId :
BHAC0

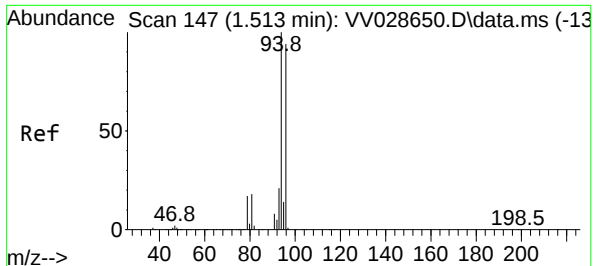
Tgt Ion: 50 Resp: 570
Ion Ratio Lower Upper
50 100
52 36.9 21.8 40.6



#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

Tgt Ion: 62 Resp: 641
Ion Ratio Lower Upper
62 100
64 219.9 22.0 41.0#

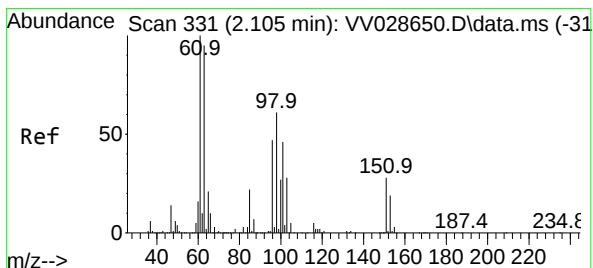
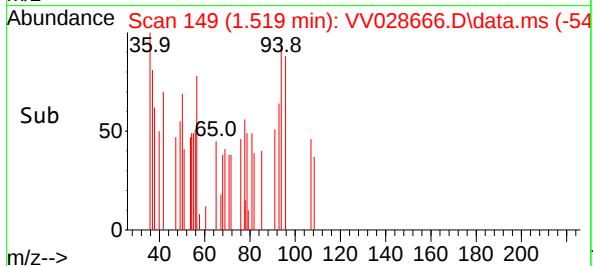
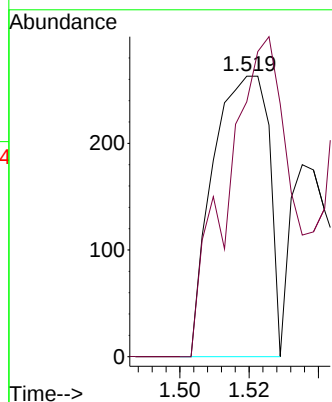
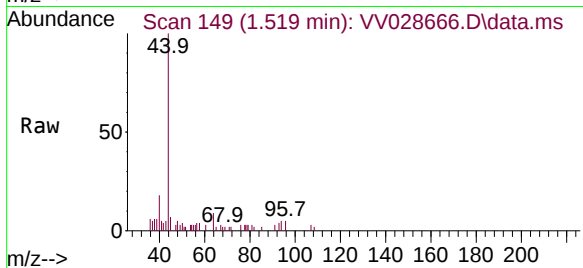




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.519 min Scan# 147
Delta R.T. 0.006 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

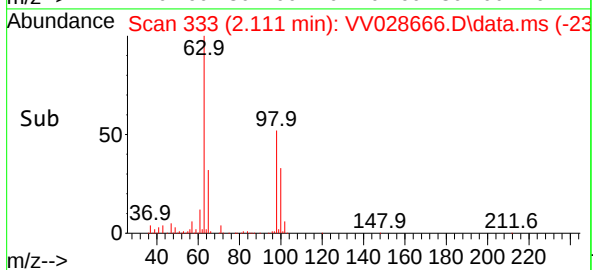
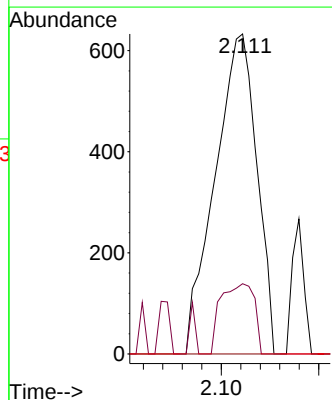
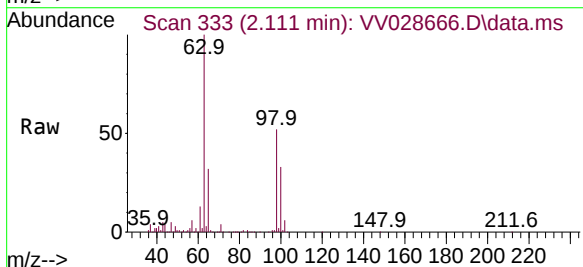
Instrument :
MSVOA_V
ClientSampleId :
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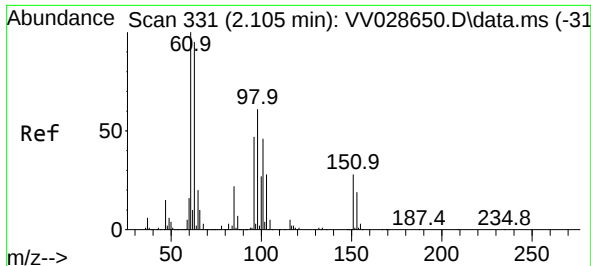
Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 90.9 64.3 119.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.006 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

Tgt Ion:101 Resp: 944
Ion Ratio Lower Upper
101 100
85 17.6 37.0 55.6#
151 0.0 50.2 75.2#





#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028666.D

Acq: 21 Oct 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

BHAC0

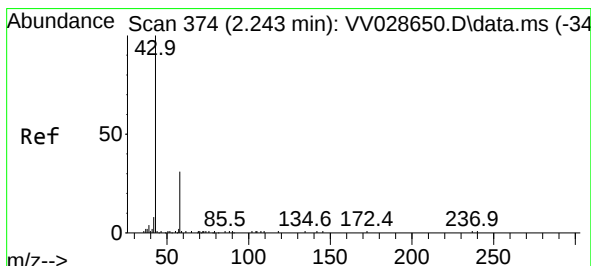
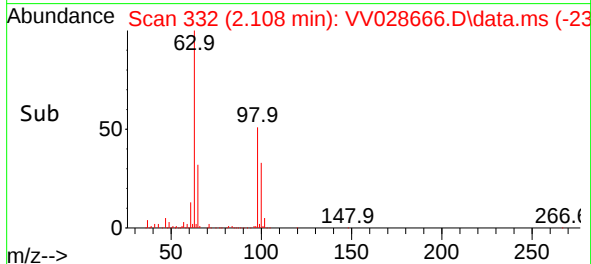
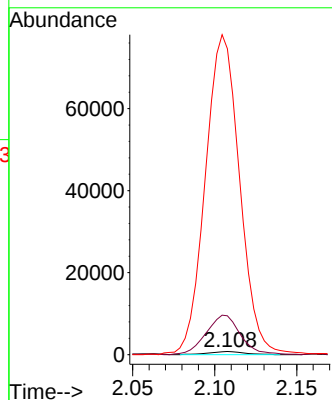
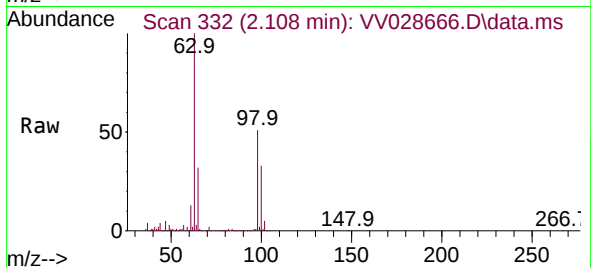
Tgt Ion: 96 Resp: 1190

Ion Ratio Lower Upper

96 100

61 1235.7 148.1 275.1#

63 9729.3 133.3 247.7#



#13

Acetone

Concen: 8.879 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.116 min

Lab File: VV028666.D

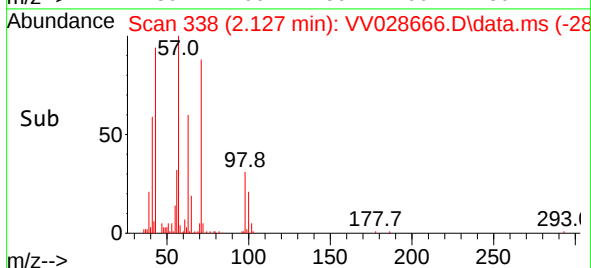
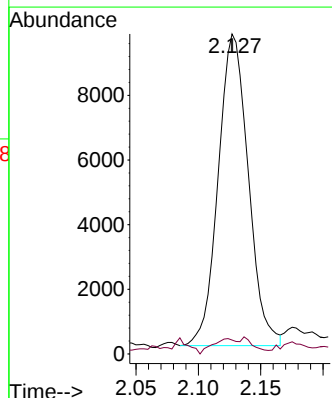
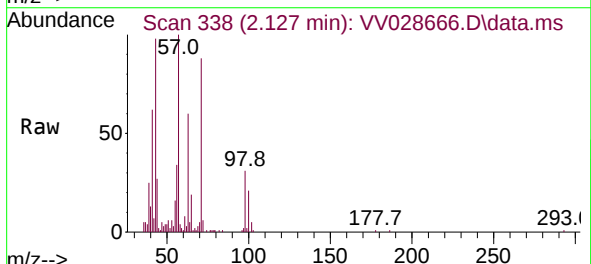
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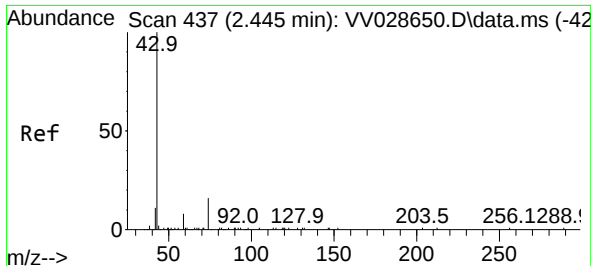
Tgt Ion: 43 Resp: 16208

Ion Ratio Lower Upper

43 100

58 4.2 0.0 50.2

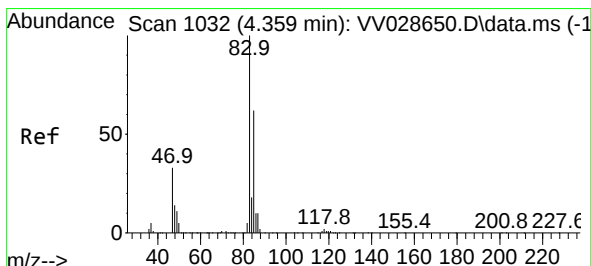
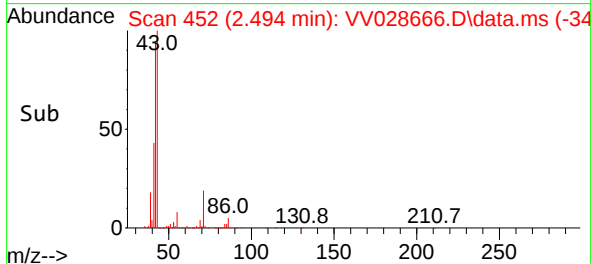
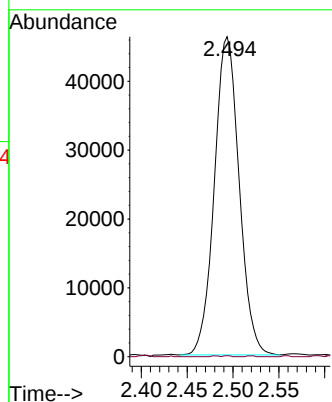
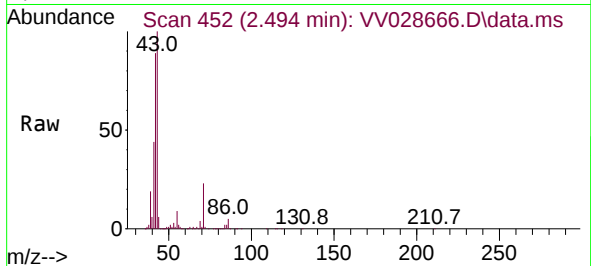




#15
Methyl Acetate
Concen: 16.023 ug/L
RT: 2.494 min Scan# 41
Delta R.T. 0.048 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

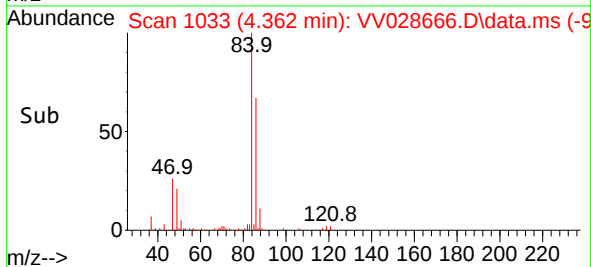
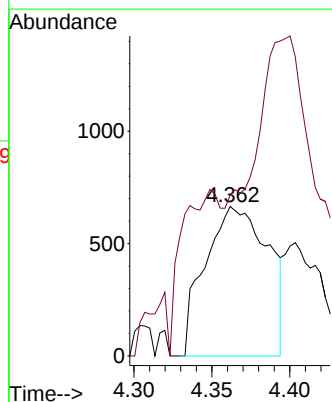
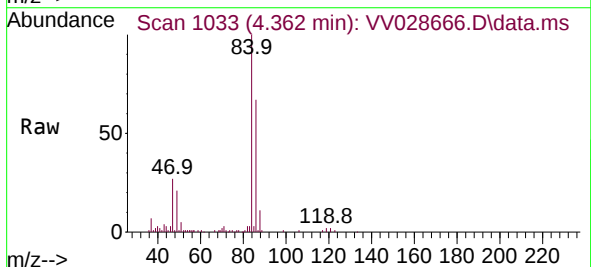
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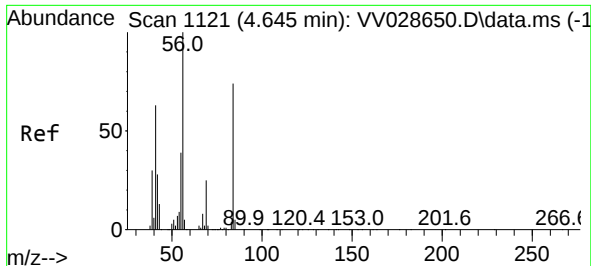
Tgt Ion: 43 Resp: 87018
Ion Ratio Lower Upper
43 100
74 0.1 14.9 22.3#



#25
Chloroform
Concen: 0.078 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

Tgt Ion: 83 Resp: 1864
Ion Ratio Lower Upper
83 100
85 107.7 44.1 81.9#

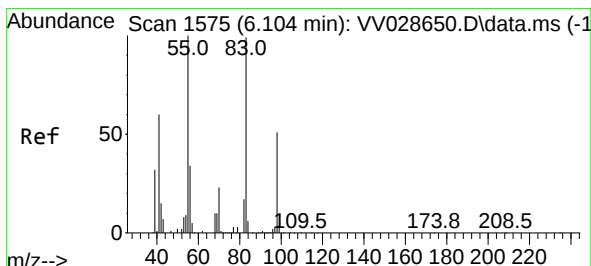
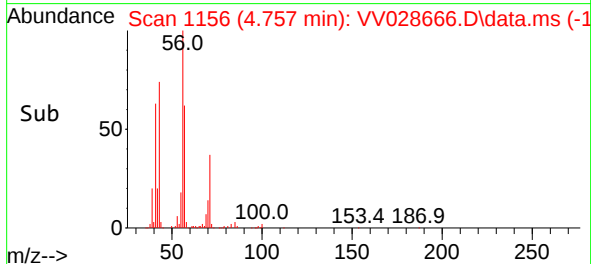
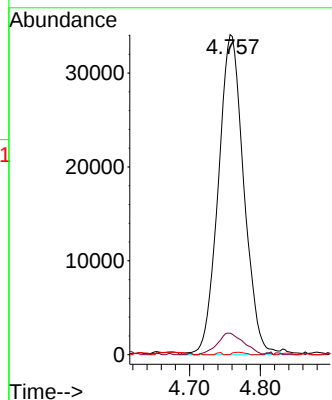
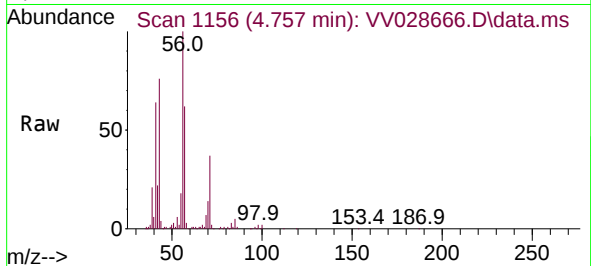




#30
Cyclohexane
Concen: 3.168 ug/L
RT: 4.757 min Scan# 1156
Delta R.T. 0.112 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

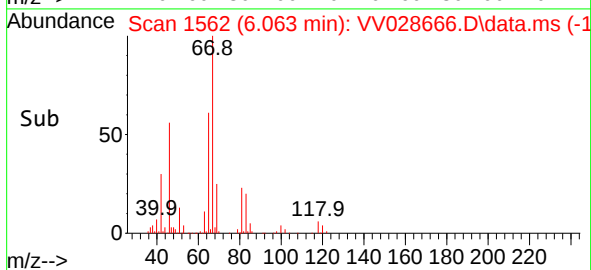
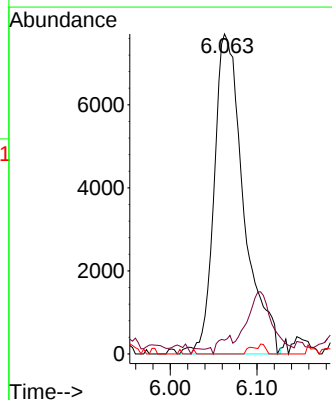
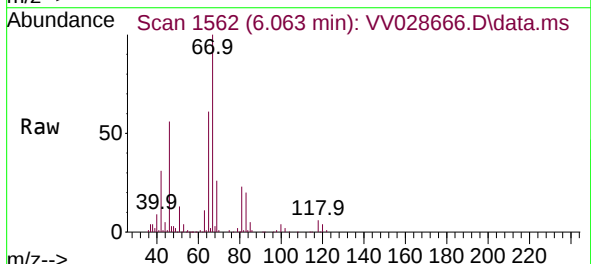
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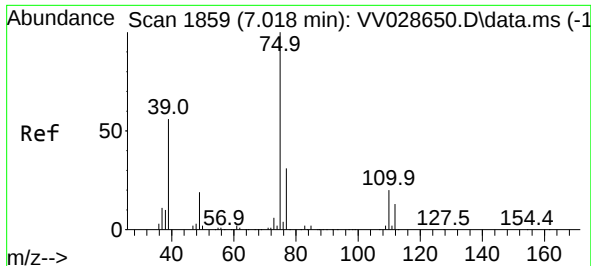
Tgt Ion: 56 Resp: 85376
Ion Ratio Lower Upper
56 100
69 6.9 22.6 34.0#
84 0.0 60.4 90.6#



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.042 min
Lab File: VV028666.D
Acq: 21 Oct 2022 16:47

Tgt Ion: 83 Resp: 18239
Ion Ratio Lower Upper
83 100
55 2.5 70.0 105.0#
98 0.6 35.6 53.4#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.032 min

Lab File: VV028666.D

Acq: 21 Oct 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

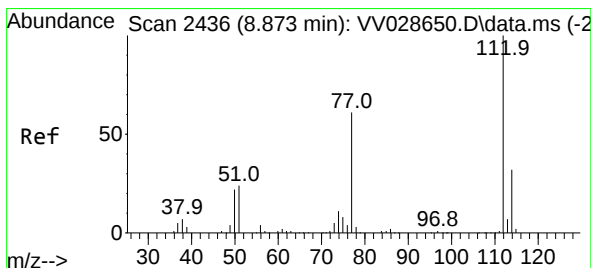
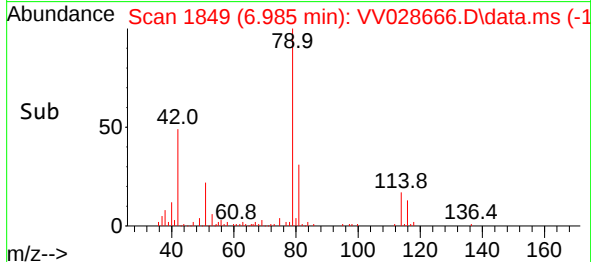
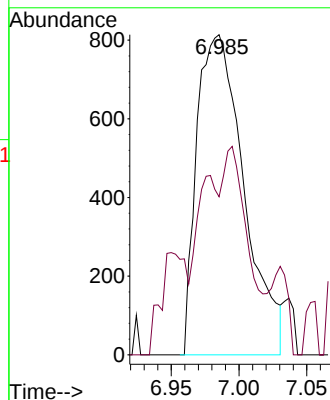
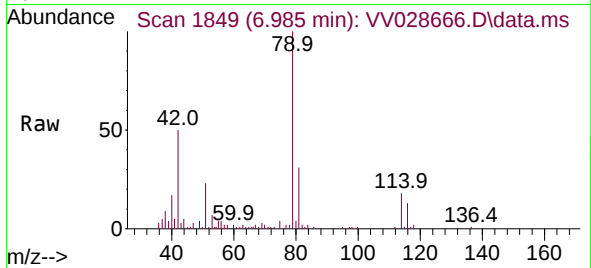
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Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

75 100

77 49.4 22.1 41.1#



#51

Chlorobenzene

Concen: 0.052 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.010 min

Lab File: VV028666.D

Acq: 21 Oct 2022 16:47

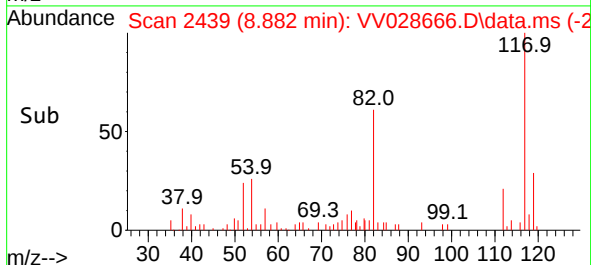
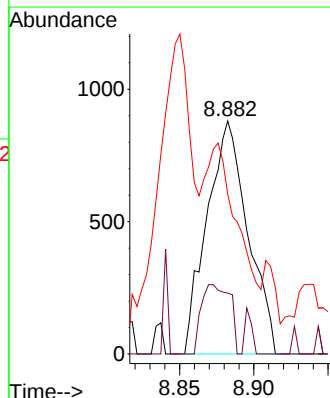
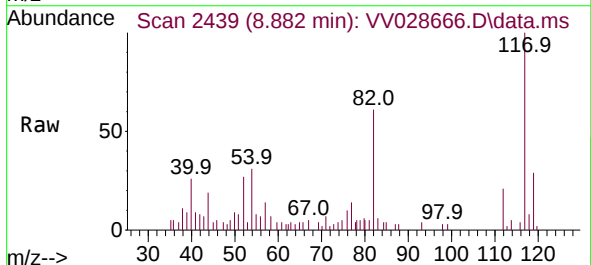
Tgt Ion: 112 Resp: 1684

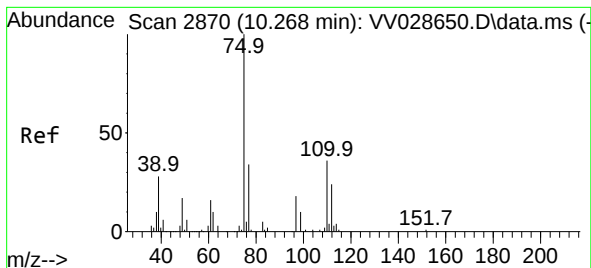
Ion Ratio Lower Upper

112 100

114 23.4 22.0 41.0

77 80.9 50.0 75.0#





#61

1,2,3-Trichloropropane

Concen: 1.497 ug/L

RT: 11.242 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV028666.D

Acq: 21 Oct 2022 16:47

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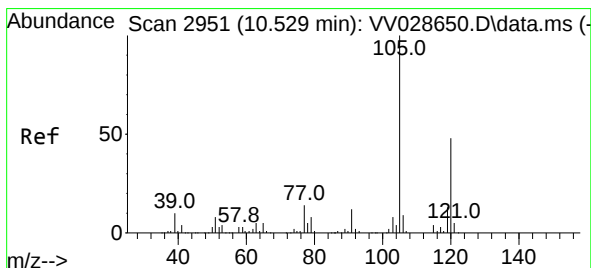
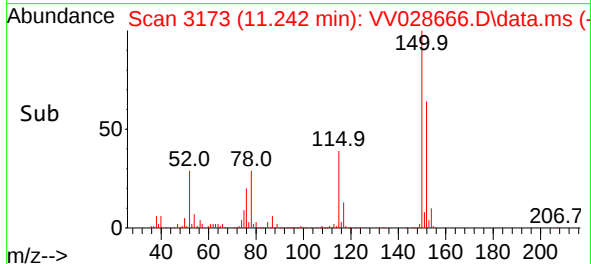
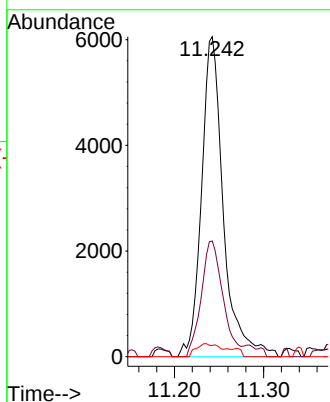
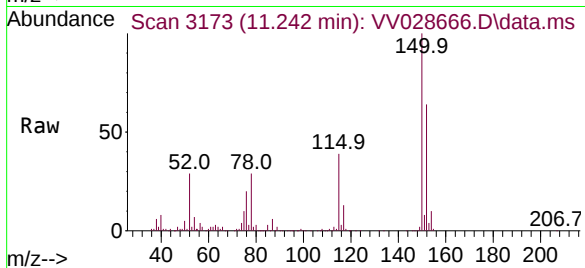
Tgt Ion: 75 Resp: 10277

Ion Ratio Lower Upper

75 100

77 35.9 25.2 37.8

110 4.3 27.9 41.9#



#62

1,3,5-Trimethylbenzene

Concen: 0.040 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.383 min

Lab File: VV028666.D

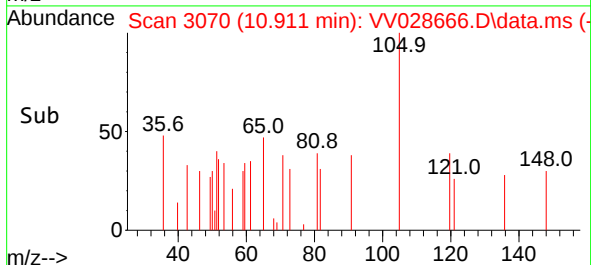
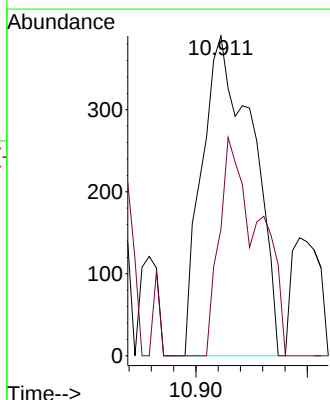
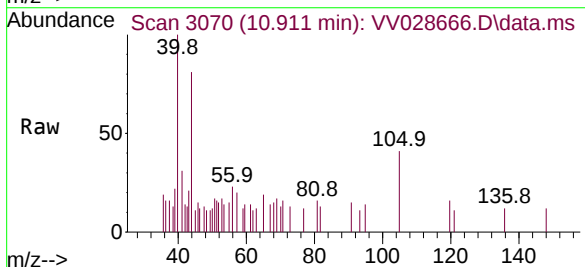
Acq: 21 Oct 2022 16:47

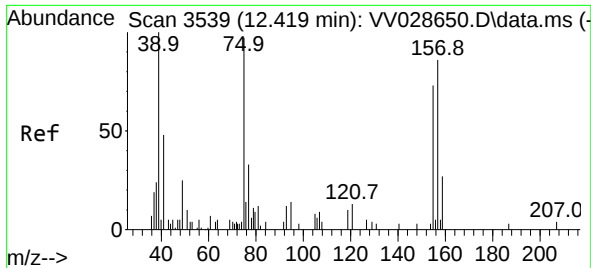
Tgt Ion: 105 Resp: 615

Ion Ratio Lower Upper

105 100

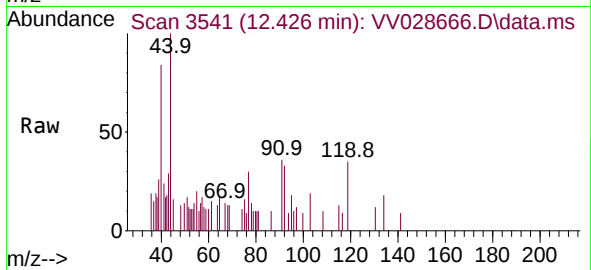
120 53.2 38.3 57.5





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.219 ug/L
 RT: 12.426 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV028666.D
 Acq: 21 Oct 2022 16:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC0



Tgt Ion: 75 Resp: 263
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 71.5 107.3#

