

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027834.D
 Acq On : 14 Sep 2022 17:35
 Operator : SY/MD
 Sample : N4618-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E27

Quant Time: Sep 15 02:52:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

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

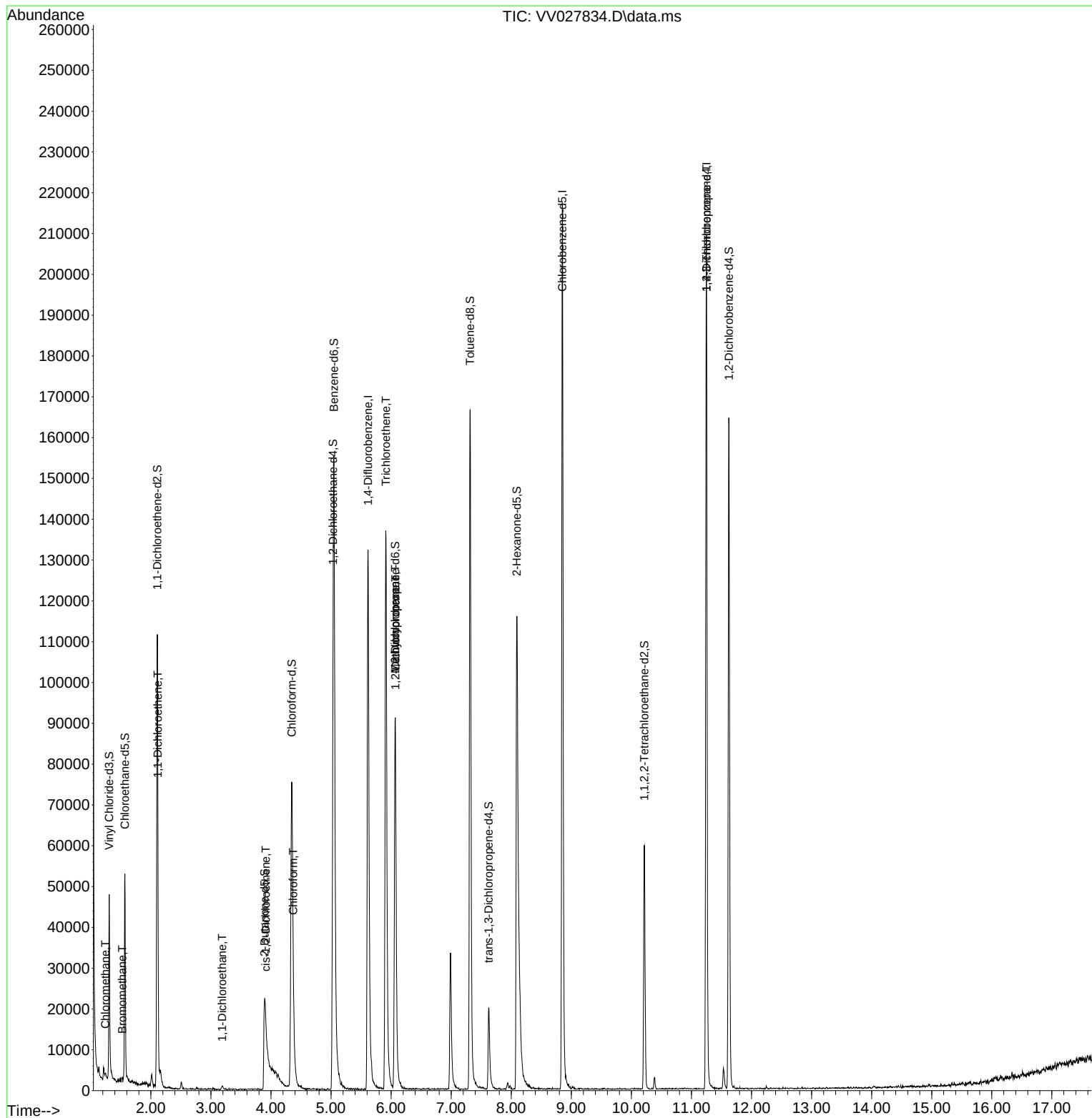
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124910	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33586	4.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.568	69	32614	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.108	63	58038	3.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.892	46	45192	24.766	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	49.540%
24) Chloroform-d	4.346	84	80728	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.034	65	39558	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.047	84	147421	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.069	67	43343	4.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.313	98	119684	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.625	79	13748	3.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.091	63	50837	37.848	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27768	4.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	46046	4.660	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	718	0.064	ug/L	86
6) Bromomethane	1.523	94	247	0.041	ug/L	80
12) 1,1-Dichloroethene	2.117	96	3404	0.411	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	855	0.052	ug/L #	82
22) cis-1,2-Dichloroethene	3.912	96	1162	0.122	ug/L #	61
25) Chloroform	4.371	83	6235	0.343	ug/L	95
34) Trichloroethene	5.911	95	49671	4.738	ug/L	91
35) Methylcyclohexane	6.069	83	11994	0.745	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5305	0.534	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	5654	1.187	ug/L #	62

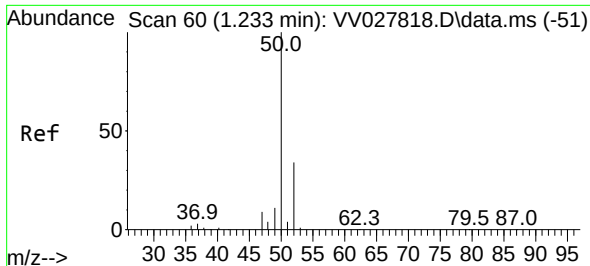
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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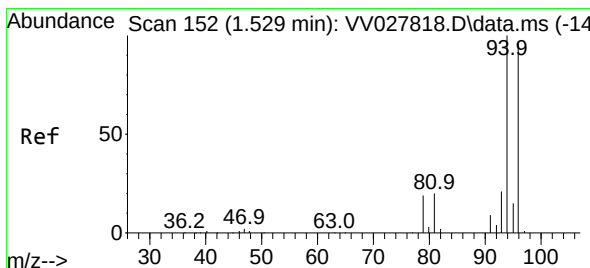
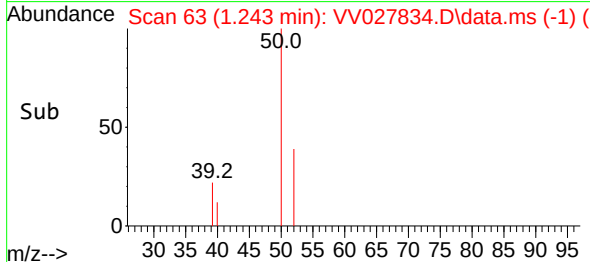
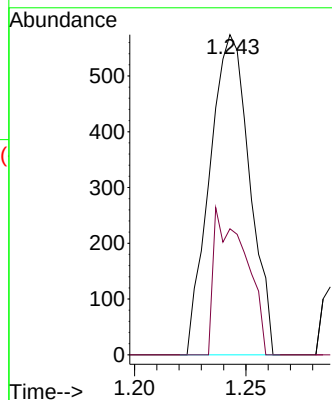
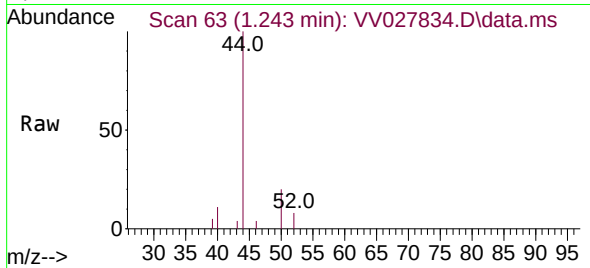




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027834.D
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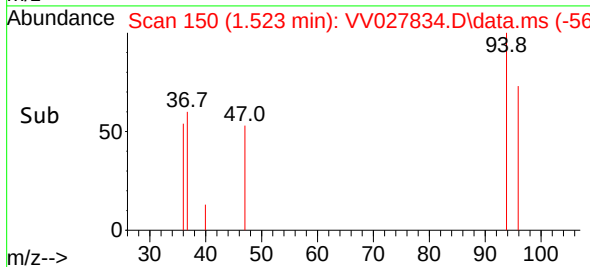
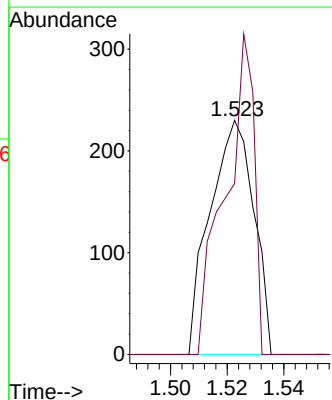
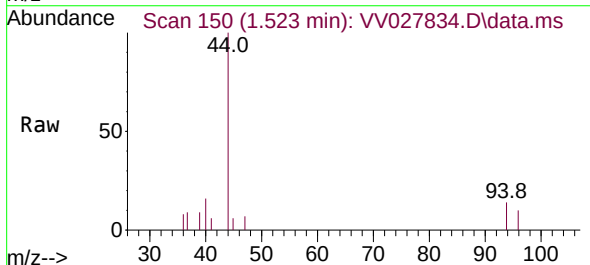
Instrument :
MSVOA_V
ClientSampleId :
C0E27

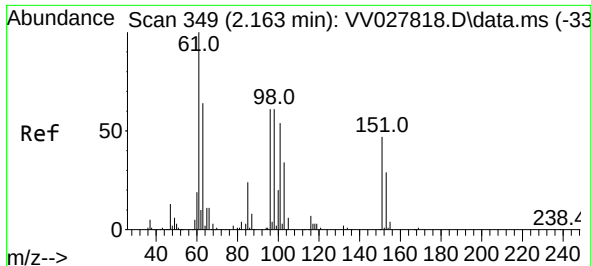
Tgt Ion: 50 Resp: 718
Ion Ratio Lower Upper
50 100
52 39.4 22.1 41.1



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027834.D
Acq: 14 Sep 2022 17:35

Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 73.0 64.2 119.2





#12

1,1-Dichloroethene

Concen: 0.411 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV027834.D

Acq: 14 Sep 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

C0E27

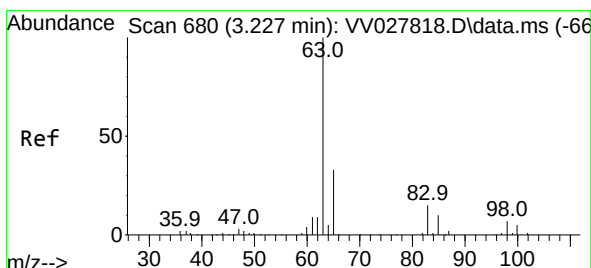
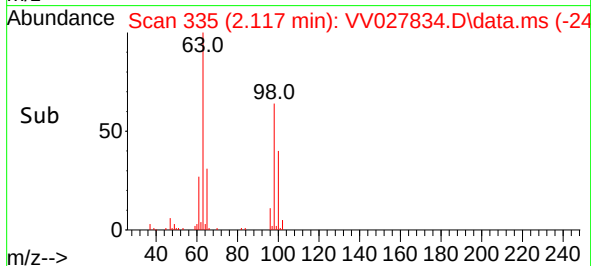
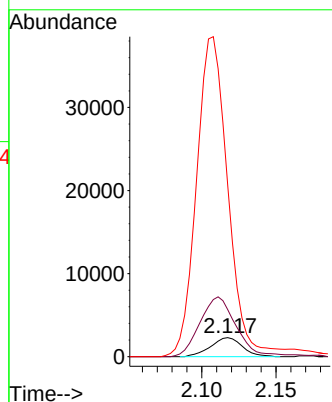
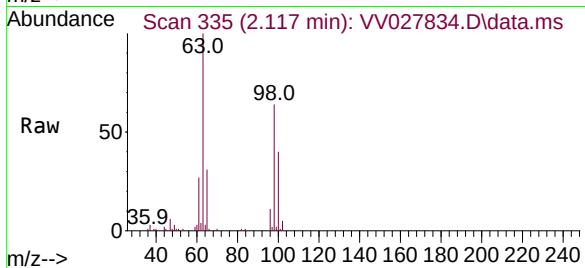
Tgt Ion: 96 Resp: 3404

Ion Ratio Lower Upper

96 100

61 247.4 129.9 241.3#

63 902.2 94.6 175.8#



#19

1,1-Dichloroethane

Concen: 0.052 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV027834.D

Acq: 14 Sep 2022 17:35

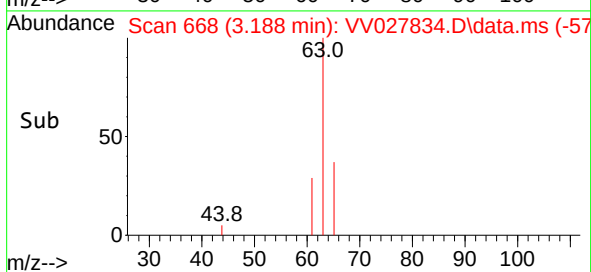
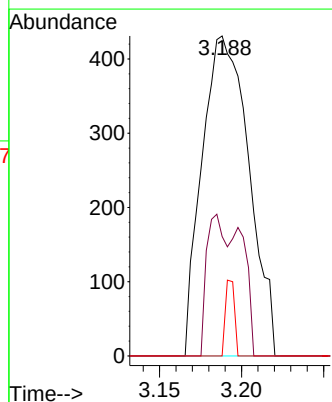
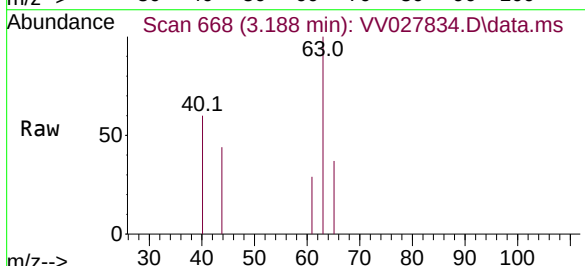
Tgt Ion: 63 Resp: 855

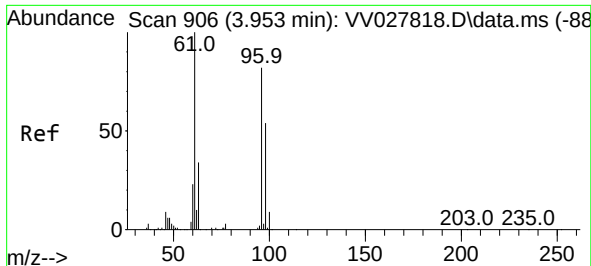
Ion Ratio Lower Upper

63 100

65 37.4 22.0 41.0

83 0.0 10.1 18.9#

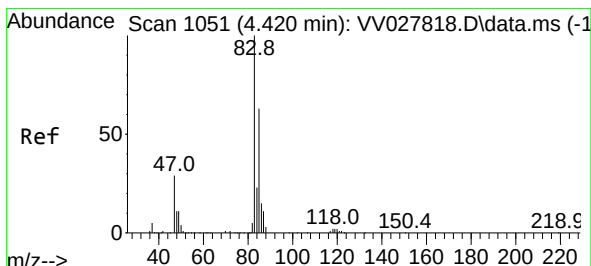
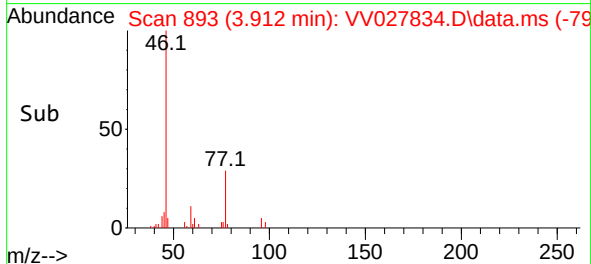
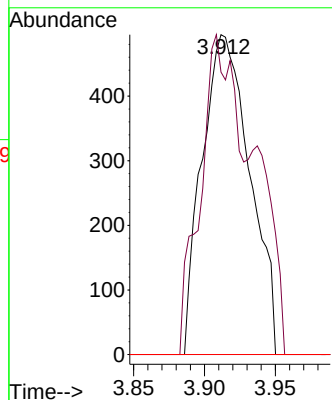
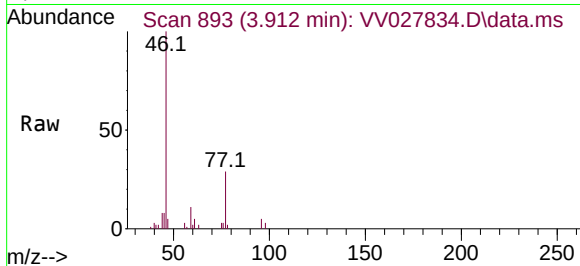




#22
cis-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV027834.D
Acq: 14 Sep 2022 17:35

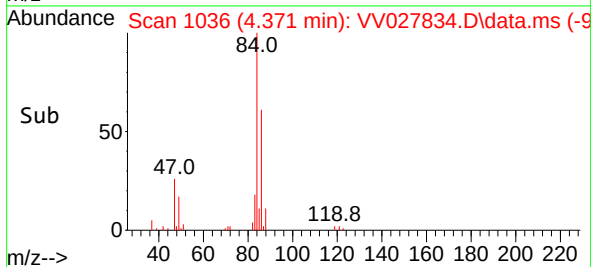
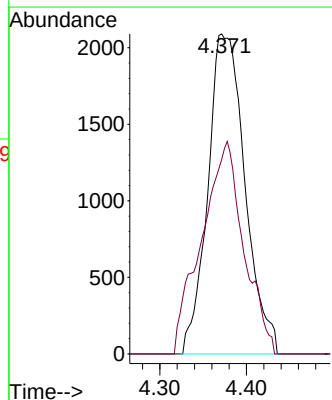
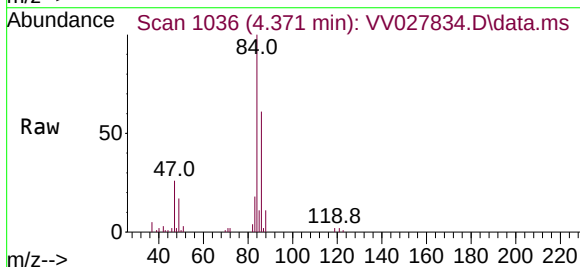
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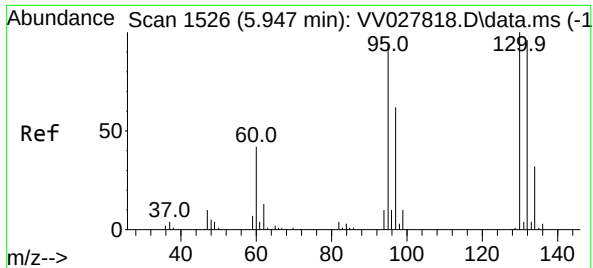
Tgt Ion: 96 Resp: 1162
Ion Ratio Lower Upper
96 100
61 88.3 94.6 175.6#
68 0.0 0.3 0.5#



#25
Chloroform
Concen: 0.343 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV027834.D
Acq: 14 Sep 2022 17:35

Tgt Ion: 83 Resp: 6235
Ion Ratio Lower Upper
83 100
85 60.7 45.4 84.2

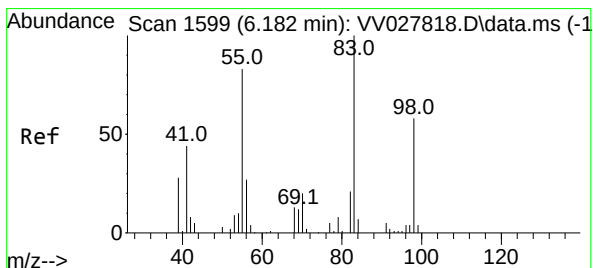
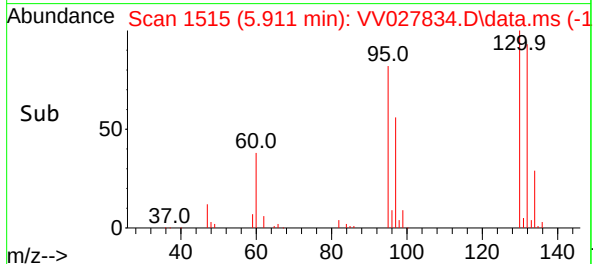
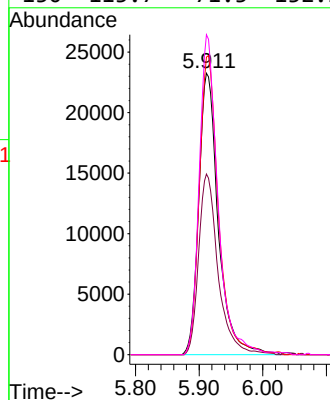
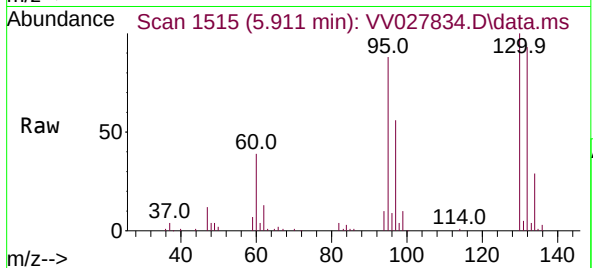




#34
Trichloroethene
Concen: 4.738 ug/L
RT: 5.911 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027834.D
Acq: 14 Sep 2022 17:35

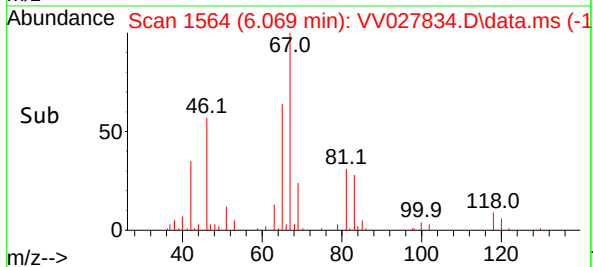
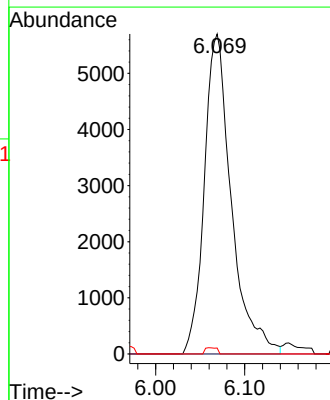
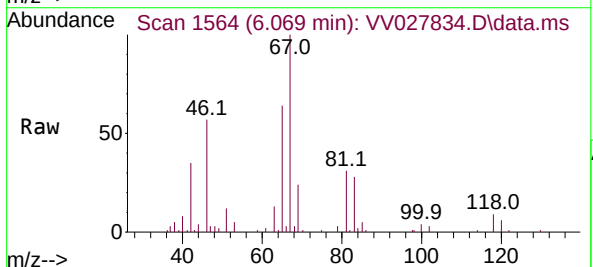
Instrument :
MSVOA_V
ClientSampleId :
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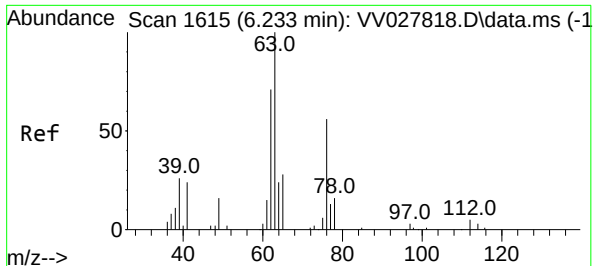
Tgt Ion: 95 Resp: 49671
Ion Ratio Lower Upper
95 100
97 64.2 42.9 79.7
132 105.7 67.9 126.1
130 113.7 71.3 132.3



#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV027834.D
Acq: 14 Sep 2022 17:35

Tgt Ion: 83 Resp: 11994
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV027834.D

Acq: 14 Sep 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

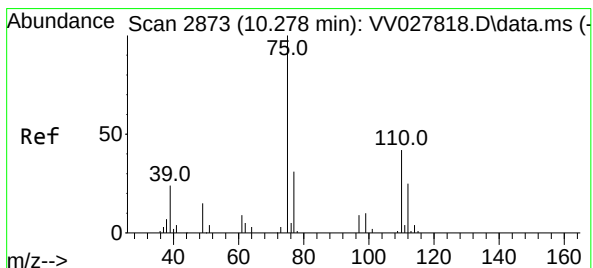
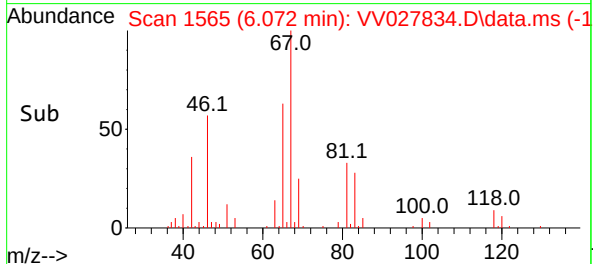
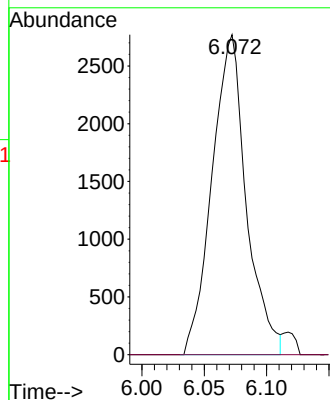
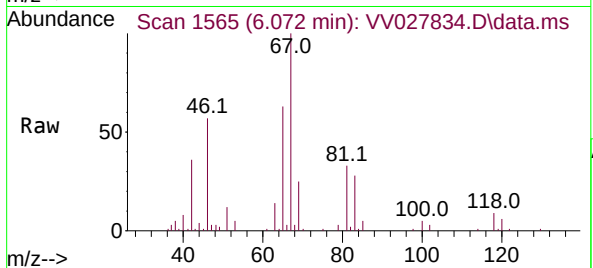
C0E27

Tgt Ion: 63 Resp: 5305

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.187 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.981 min

Lab File: VV027834.D

Acq: 14 Sep 2022 17:35

Tgt Ion: 75 Resp: 5654

Ion Ratio Lower Upper

75 100

77 33.2 27.6 41.4

110 2.1 35.6 53.4#

