

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023615.D
 Acq On : 18 Nov 2021 19:40
 Operator : SY/MD
 Sample : M4694-09DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:09:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

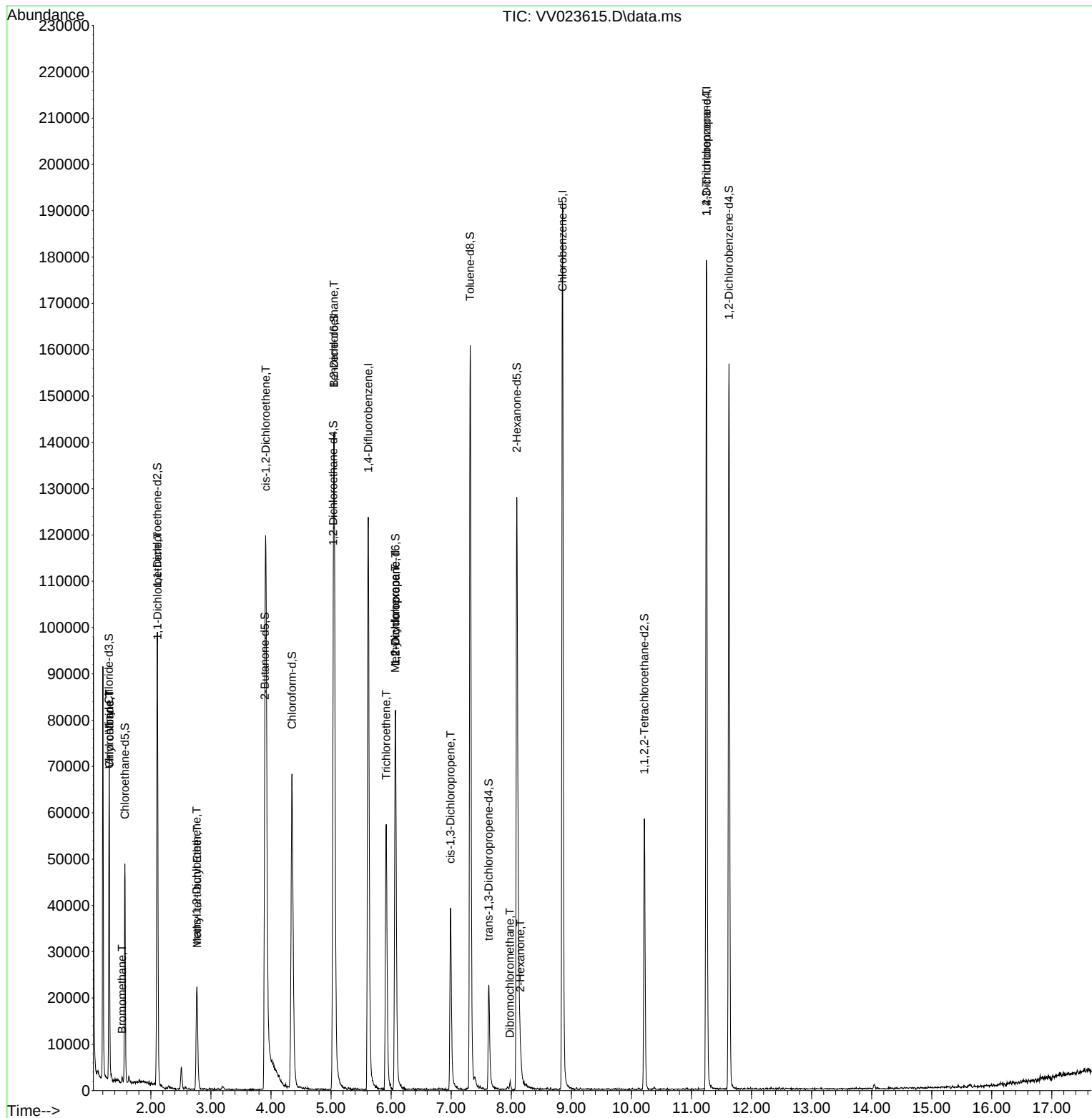
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	106855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33966	4.910	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.568	69	28720	5.093	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.108	63	48610	3.753	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.000%	
20) 2-Butanone-d5	3.895	46	48928	41.050	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.100%	
24) Chloroform-d	4.349	84	68832	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.037	65	32893	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.050	84	127623	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.072	67	38304	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.317	98	108762	4.233	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	7.625	79	14120	4.614	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.091	63	49997	44.404	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26999	4.652	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42419	5.191	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	8069	0.882	ug/L	89
6) Bromomethane	1.519	94	368	0.063	ug/L	99
8) Chloroethane	1.310	64	2852	0.540	ug/L	87
12) 1,1-Dichloroethene	2.111	96	460	0.070	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	8146	0.562	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	5826	0.720	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	59950	7.695	ug/L #	90
27) 1,2-Dichloroethane	5.050	62	862	0.111	ug/L #	72
34) Trichloroethene	5.918	95	19981	2.516	ug/L	98
35) Methylcyclohexane	6.069	83	9485	0.757	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4619	0.662	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1157	0.115	ug/L #	71
48) 2-Hexanone	8.149	43	1729	0.763	ug/L #	50
49) Dibromochloromethane	7.979	129	423	0.067	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5261	1.614	ug/L #	65

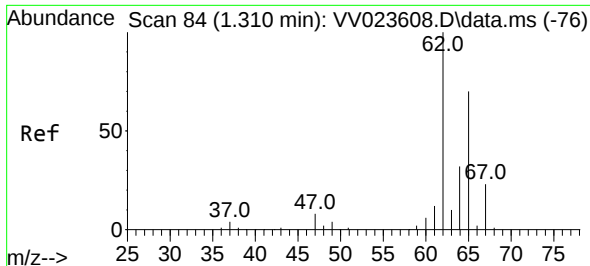
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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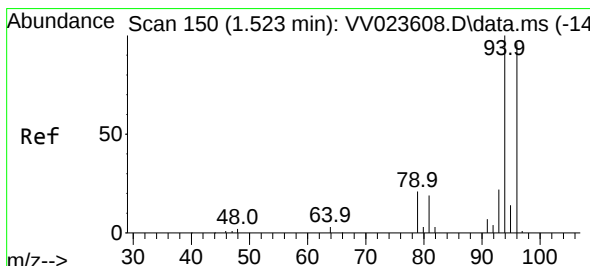
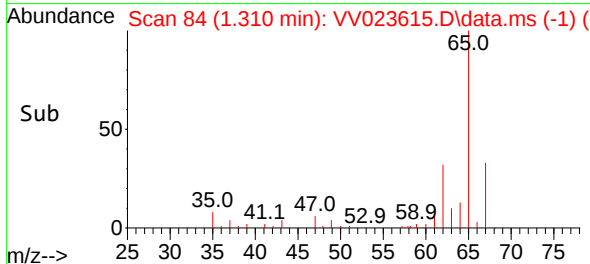
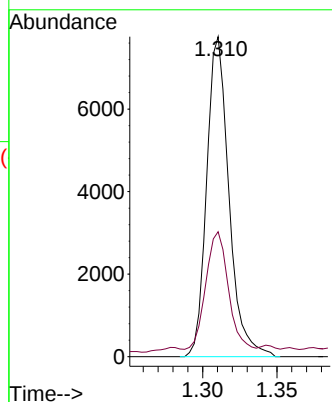
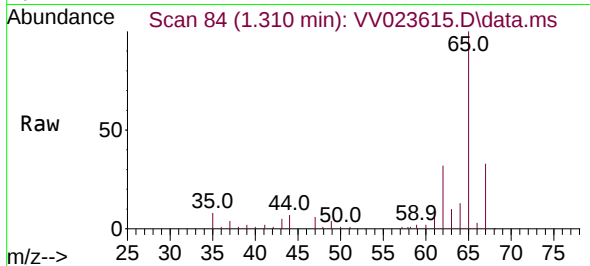




#5
 Vinyl chloride
 Concen: 0.882 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023615.D
 Acq: 18 Nov 2021 19:40

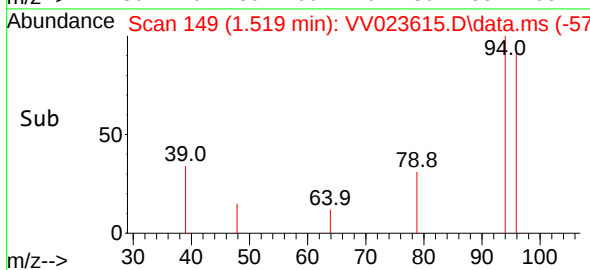
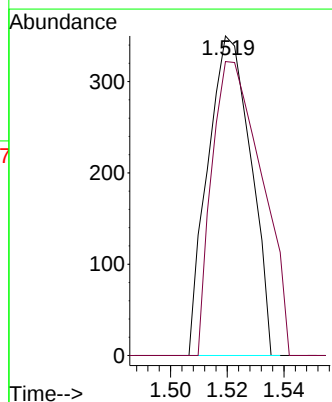
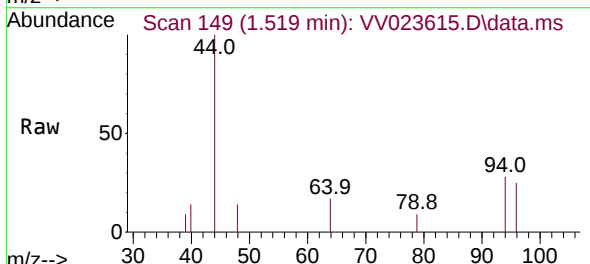
Instrument :
 MSVOA_V
 ClientSampleId :

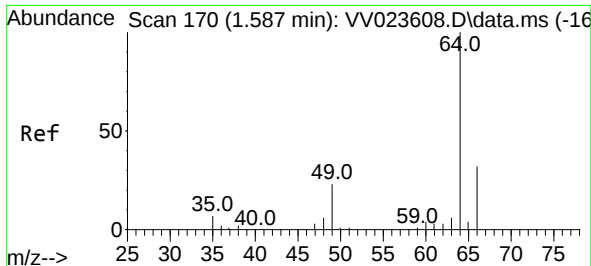
Tgt Ion: 62 Resp: 8069
 Ion Ratio Lower Upper
 62 100
 64 39.0 23.1 42.9



#6
 Bromomethane
 Concen: 0.063 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023615.D
 Acq: 18 Nov 2021 19:40

Tgt Ion: 94 Resp: 368
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.0 120.8

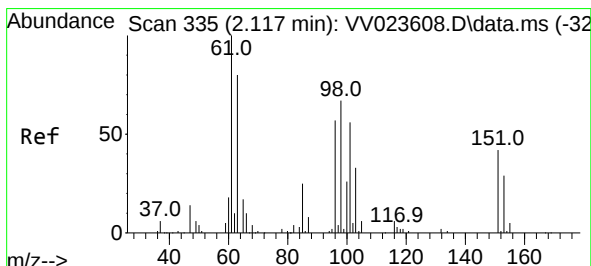
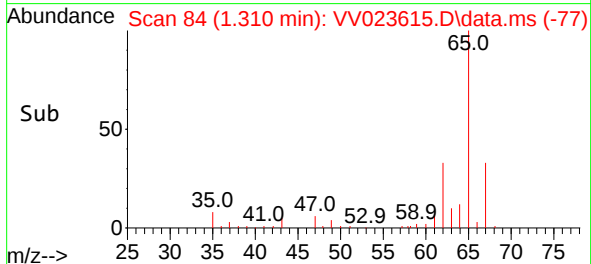
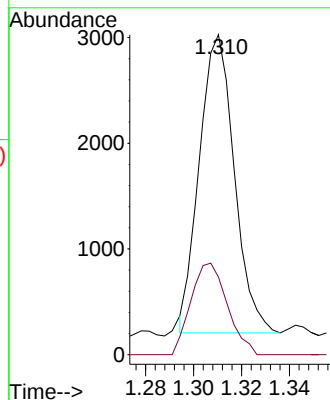
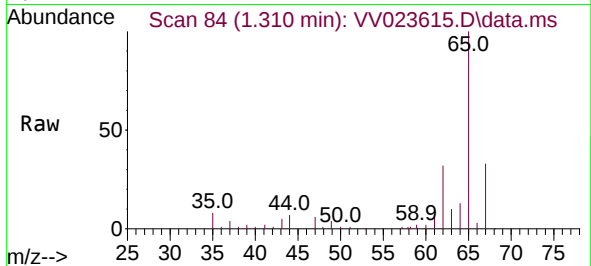




#8
Chloroethane
Concen: 0.540 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.277 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

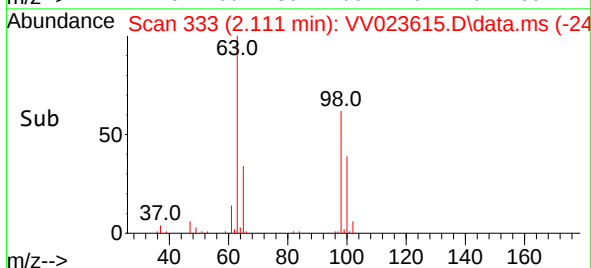
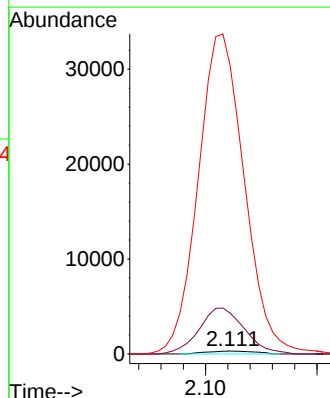
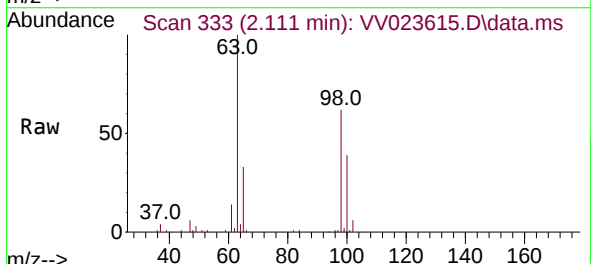
Instrument :
MSVOA_V
ClientSampleId :

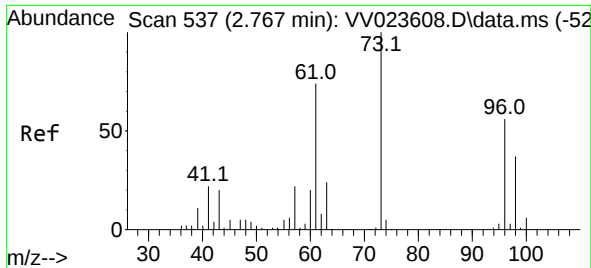
Tgt Ion: 64 Resp: 2852
Ion Ratio Lower Upper
64 100
66 24.2 22.1 41.1



#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

Tgt Ion: 96 Resp: 460
Ion Ratio Lower Upper
96 100
61 1425.8 121.5 225.7#
63 10063.6 99.6 185.0#

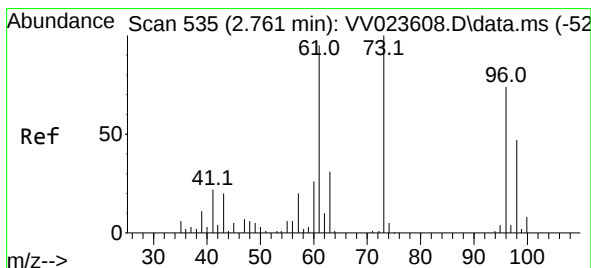
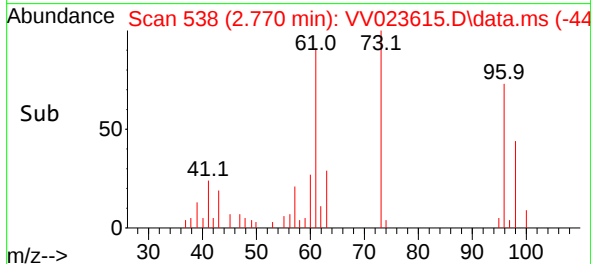
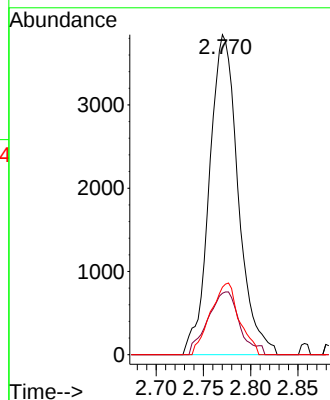
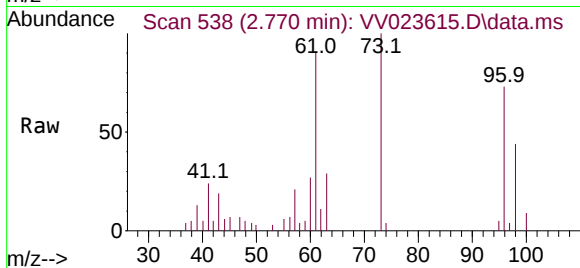




#17
Methyl tert-butyl Ether
Concen: 0.562 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

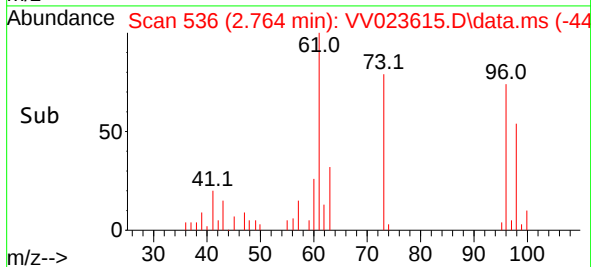
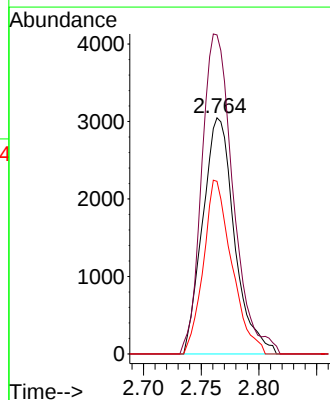
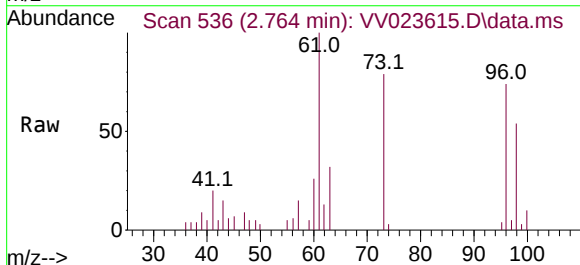
Instrument :
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ClientSampleId :

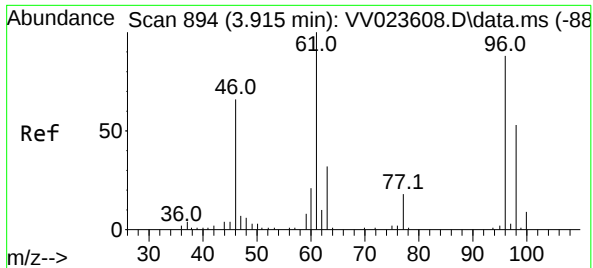
Tgt Ion: 73	Resp:	8146
Ion	Ratio	Lower Upper
73	100	
43	21.6	17.4 26.0
57	22.3	16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 0.720 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

Tgt Ion: 96	Resp:	5826
Ion	Ratio	Lower Upper
96	100	
61	135.0	93.2 173.2
98	73.1	47.0 87.2





#22

cis-1,2-Dichloroethene

Concen: 7.695 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023615.D

Acq: 18 Nov 2021 19:40

Instrument :

MSVOA_V

ClientSampleId :

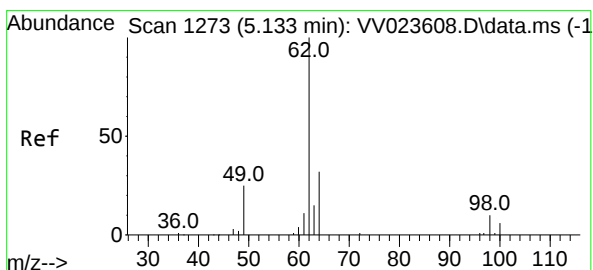
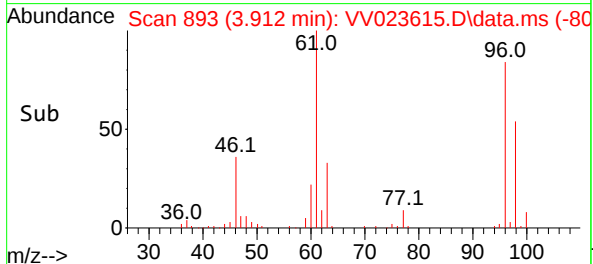
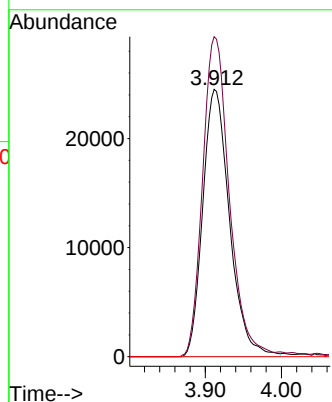
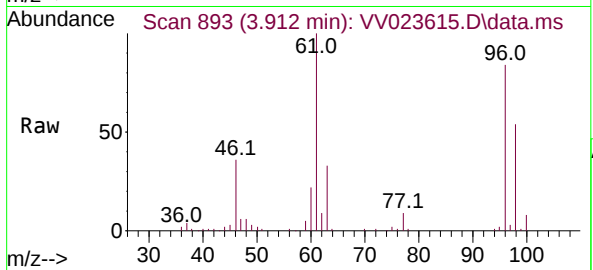
Tgt Ion: 96 Resp: 59950

Ion Ratio Lower Upper

96 100

61 119.7 92.3 171.3

68 0.0 0.4 0.8#



#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.084 min

Lab File: VV023615.D

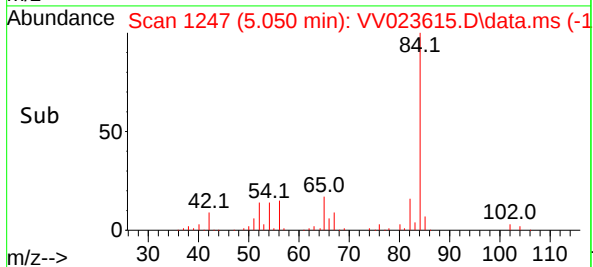
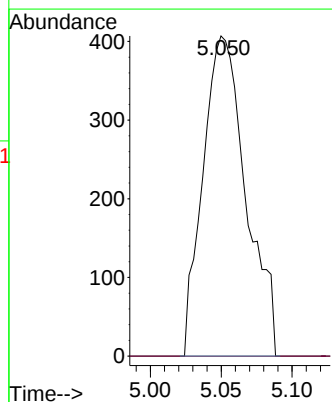
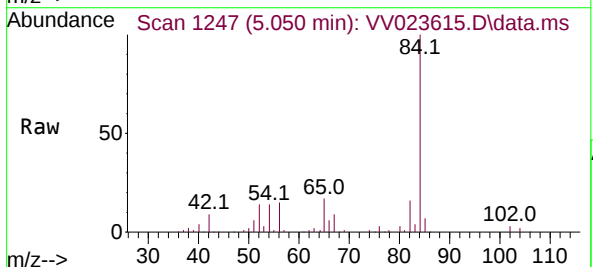
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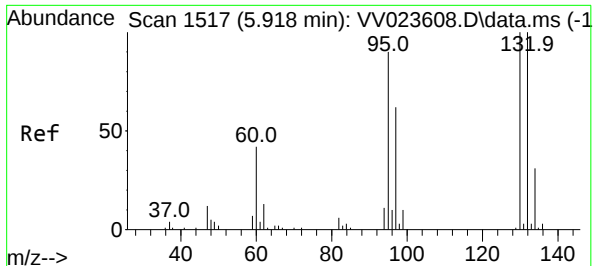
Tgt Ion: 62 Resp: 862

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

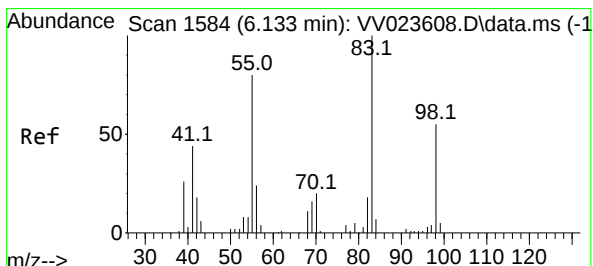
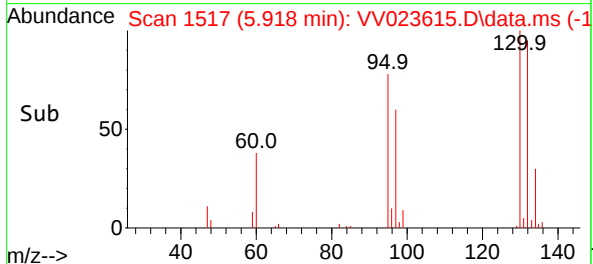
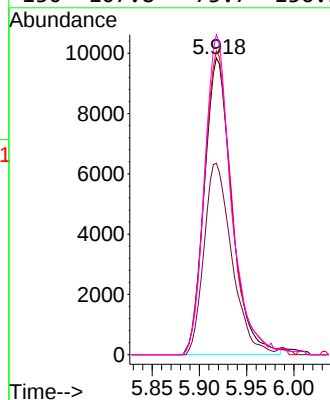
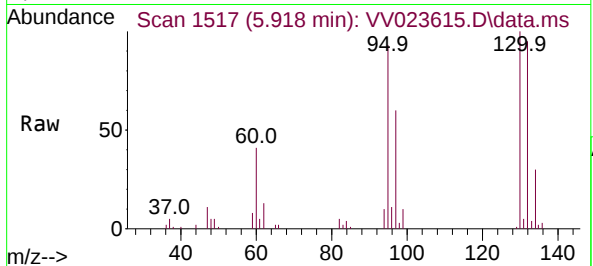




#34
Trichloroethene
Concen: 2.516 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

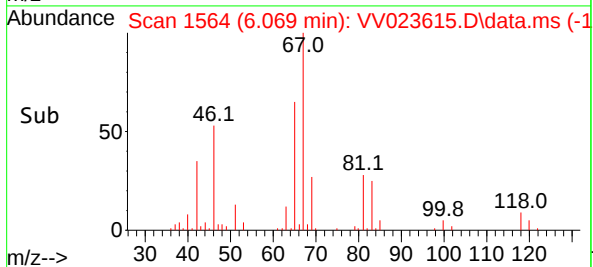
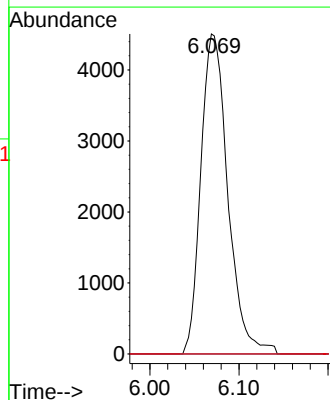
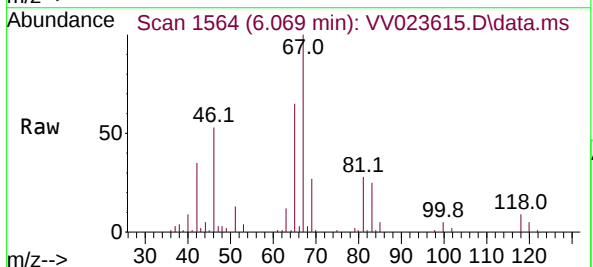
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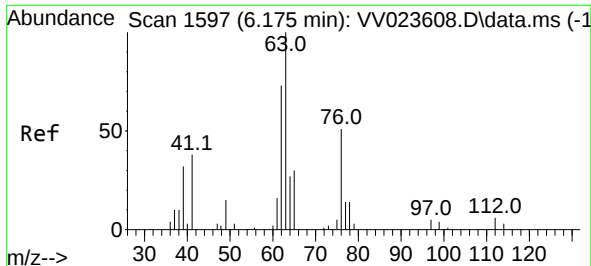
Tgt Ion:	95	Resp:	19981
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	102.4	69.7	129.4
130	107.8	73.7	136.9



#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

Tgt Ion:	83	Resp:	9485
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	2.3	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023615.D

Acq: 18 Nov 2021 19:40

Instrument :

MSVOA_V

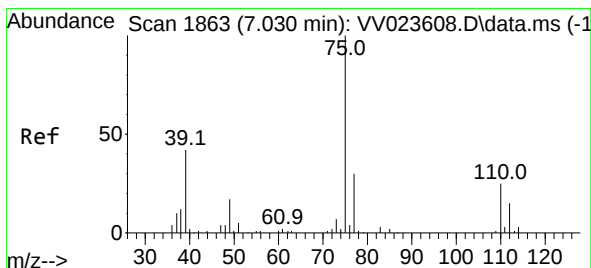
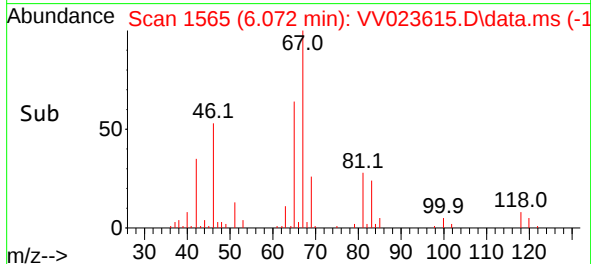
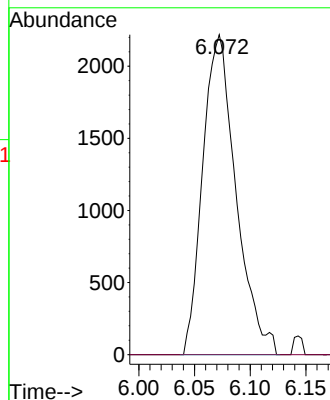
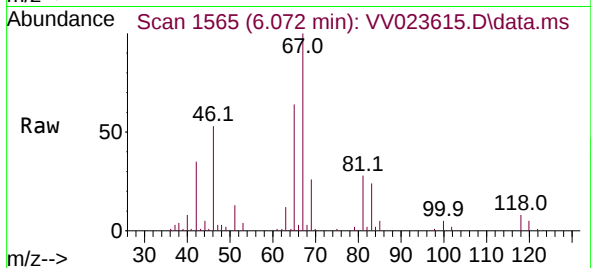
ClientSampleId :

Tgt Ion: 63 Resp: 4619

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV023615.D

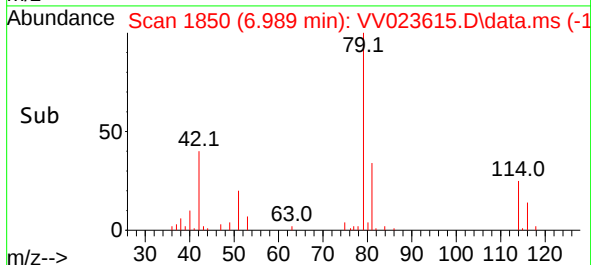
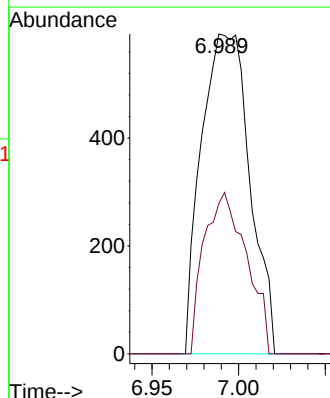
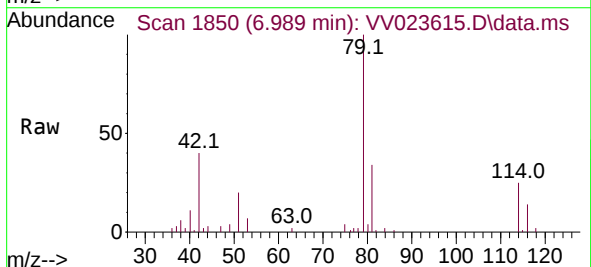
Acq: 18 Nov 2021 19:40

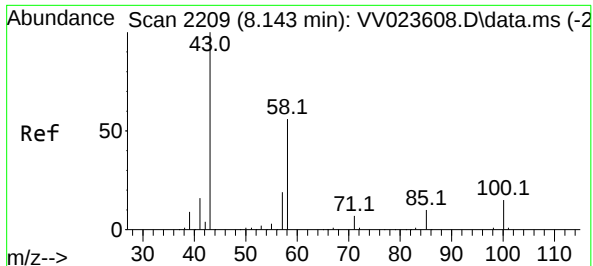
Tgt Ion: 75 Resp: 1157

Ion Ratio Lower Upper

75 100

77 47.0 21.6 40.2#



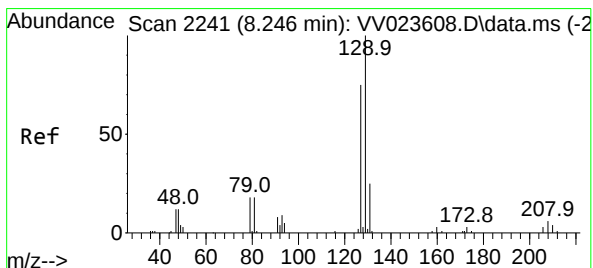
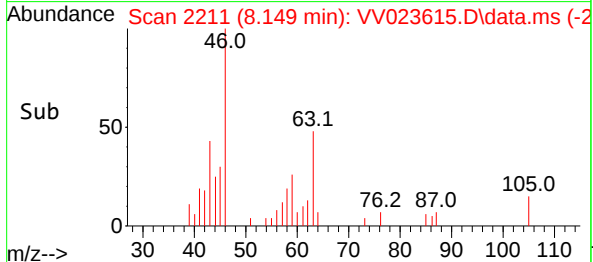
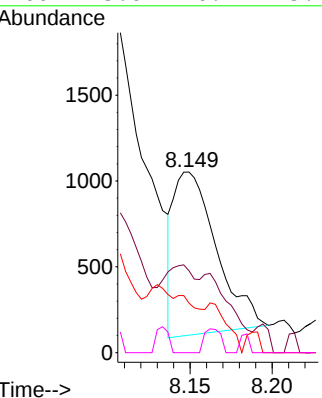
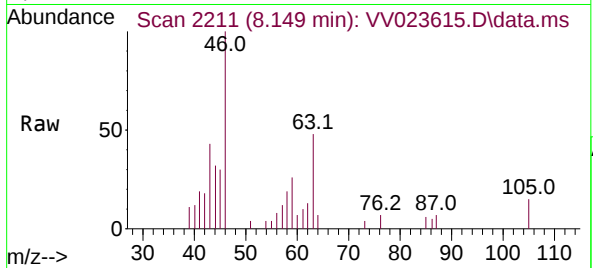


#48
2-Hexanone
Concen: 0.763 ug/L
RT: 8.149 min Scan# 2118
Delta R.T. 0.006 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1729

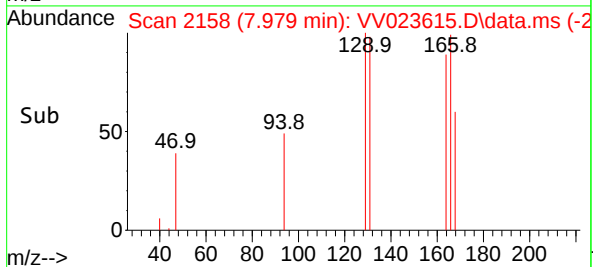
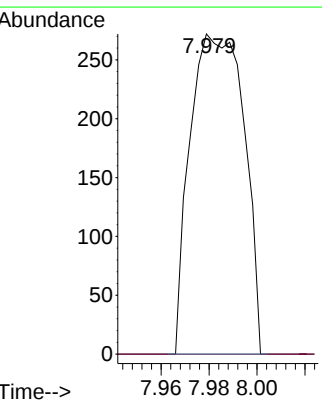
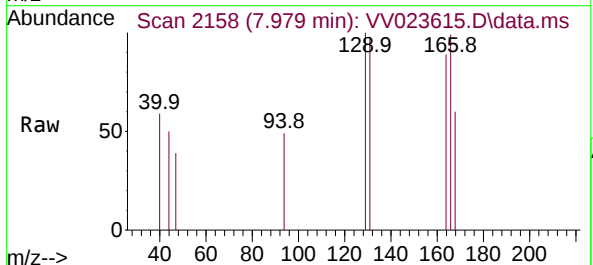
Ion	Ratio	Lower	Upper
43	100		
58	11.4	43.7	65.5#
57	0.0	14.1	21.1#
100	5.6	10.2	15.2#

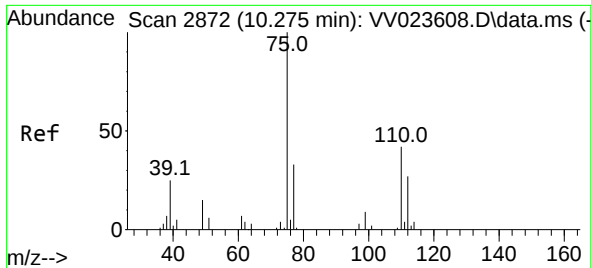


#49
Dibromochloromethane
Concen: 0.067 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

Tgt Ion: 129 Resp: 423

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.614 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

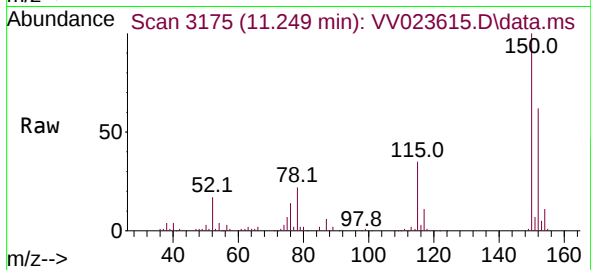
Lab File: VV023615.D

Acq: 18 Nov 2021 19:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5261

Ion Ratio Lower Upper

75 100

77 34.7 26.6 39.8

110 1.2 31.8 47.6#

