

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025499.D
 Acq On : 13 Apr 2022 17:56
 Operator : SY/MD
 Sample : N2356-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:12:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

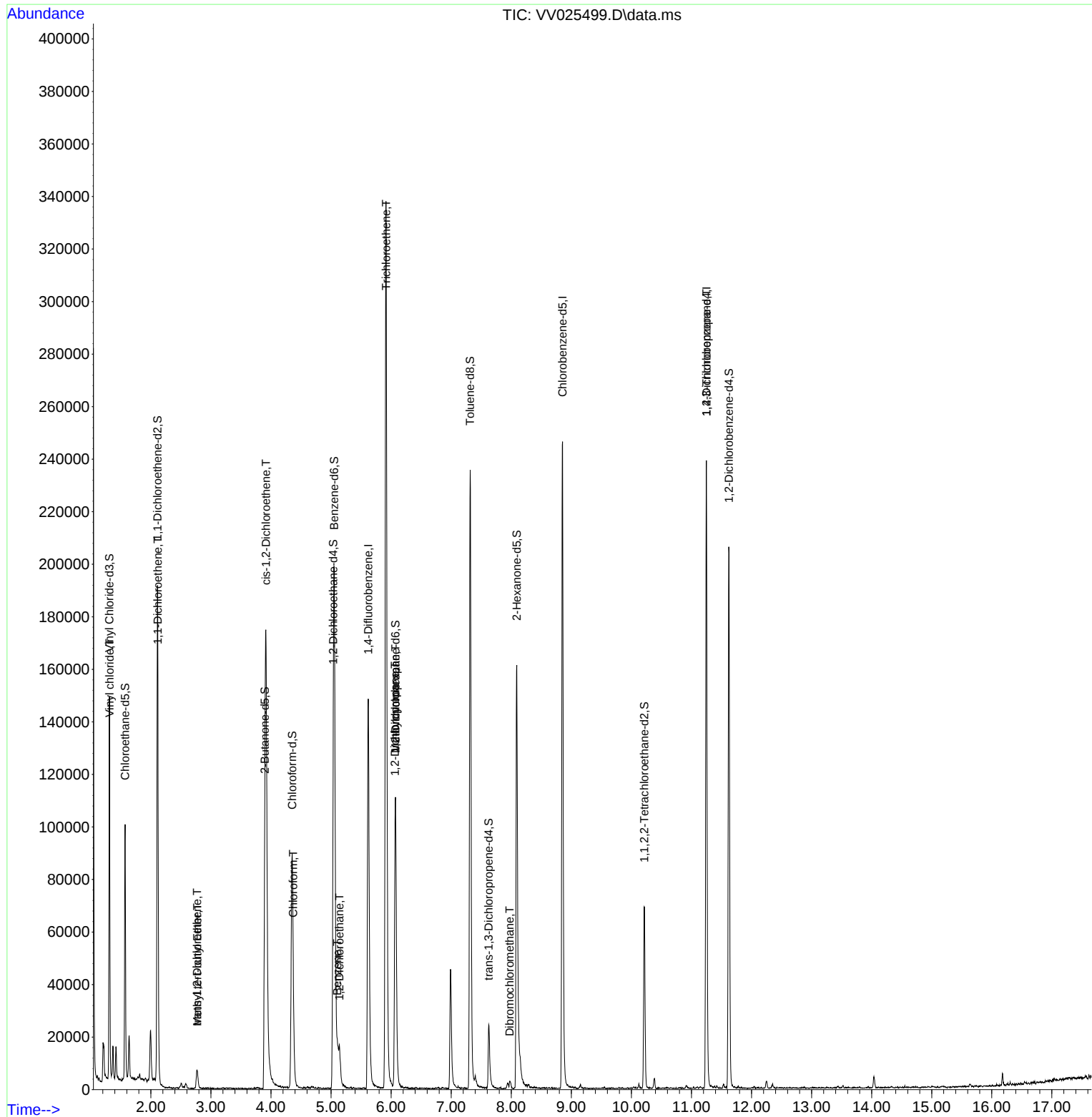
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131382	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	66924	5.479	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.600%		
7) Chloroethane-d5	1.571	69	59951	4.614	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 92.200%		
11) 1,1-Dichloroethene-d2	2.111	63	98924	4.043	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 80.800%		
20) 2-Butanone-d5	3.896	46	72473	48.777	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 97.560%		
24) Chloroform-d	4.352	84	93737	5.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.037	65	42610	5.358	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
32) Benzene-d6	5.053	84	187773	4.790	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.800%		
36) 1,2-Dichloropropane-d6	6.072	67	54963	5.028	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.600%		
41) Toluene-d8	7.317	98	158961	4.370	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.400%		
43) trans-1,3-Dichloroprop...	7.625	79	15107	4.111	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 82.200%		
46) 2-Hexanone-d5	8.091	63	55598	43.112	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.220%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32498	4.705	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 94.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	53352	5.223	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	2594	0.178	ug/L #	70
12) 1,1-Dichloroethene	2.117	96	1192	0.105	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2535	0.144	ug/L	96
18) trans-1,2-Dichloroethene	2.770	96	1597	0.167	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	85001	8.456	ug/L	94
25) Chloroform	4.371	83	1935	0.113	ug/L	87
27) 1,2-Dichloroethane	5.140	62	11727	1.302	ug/L	97
33) Benzene	5.104	78	14366	0.359	ug/L	100
34) Trichloroethene	5.915	95	116781	10.990	ug/L	97
35) Methylcyclohexane	6.072	83	13630	0.804	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	6258	0.676	ug/L #	85
49) Dibromochloromethane	7.976	129	616	0.091	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7403	1.845	ug/L #	60

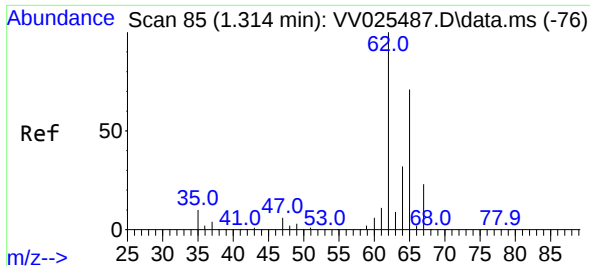
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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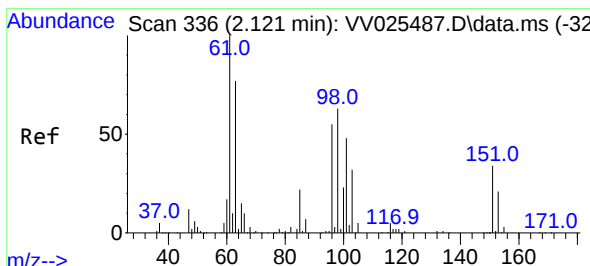
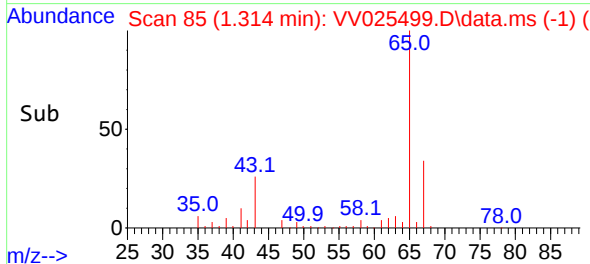
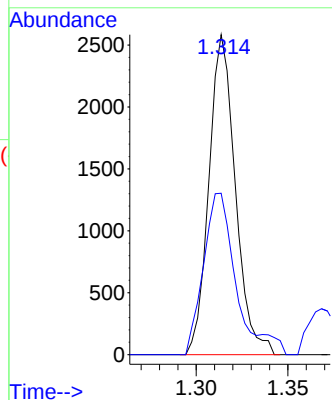
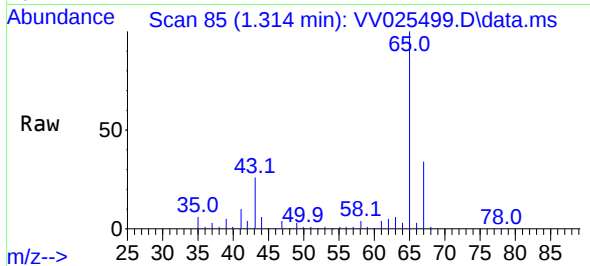




#5
 Vinyl chloride
 Concen: 0.178 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025499.D
 Acq: 13 Apr 2022 17:56

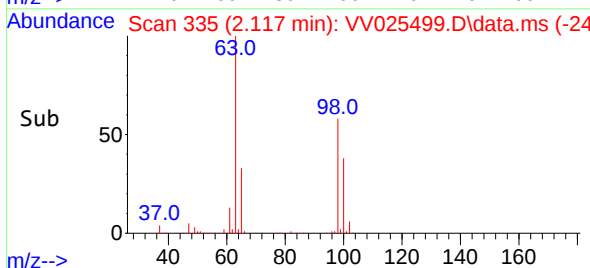
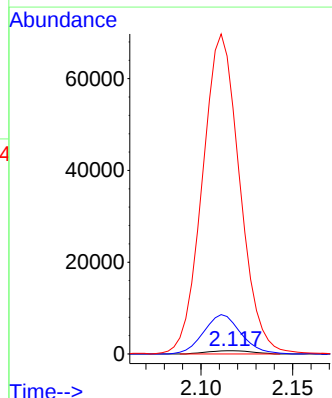
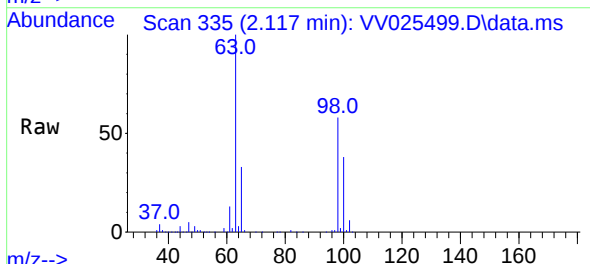
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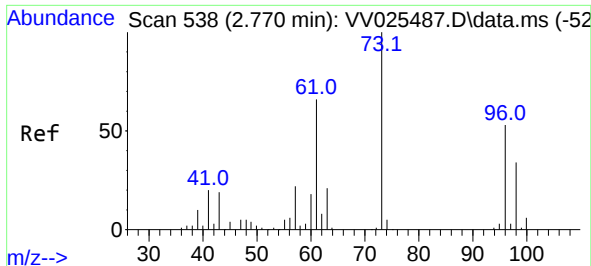
Tgt Ion: 62 Resp: 2594
 Ion Ratio Lower Upper
 62 100
 64 50.5 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.105 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025499.D
 Acq: 13 Apr 2022 17:56

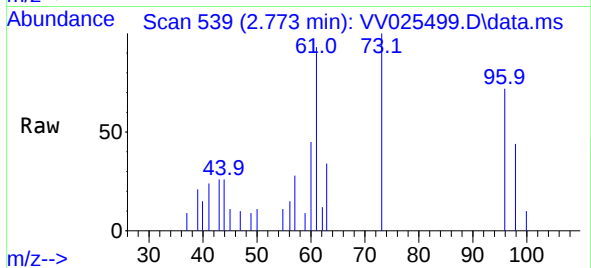
Tgt Ion: 96 Resp: 1192
 Ion Ratio Lower Upper
 96 100
 61 968.8 125.2 232.4#
 63 7670.4 114.4 212.4#



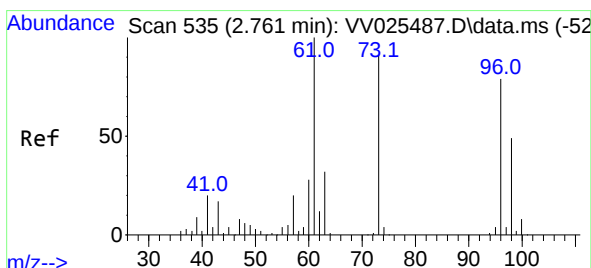
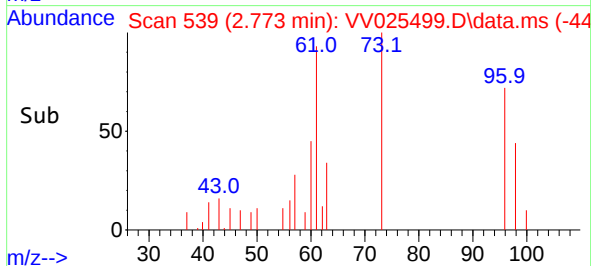
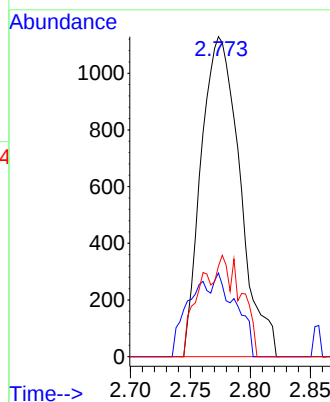


#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

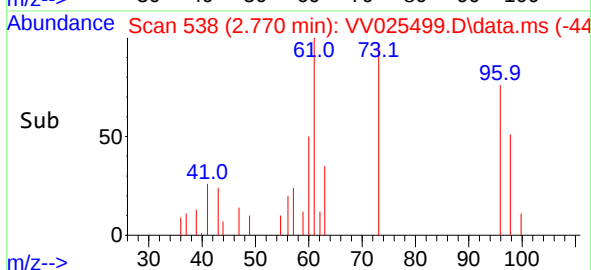
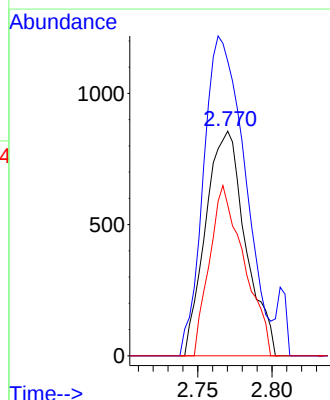
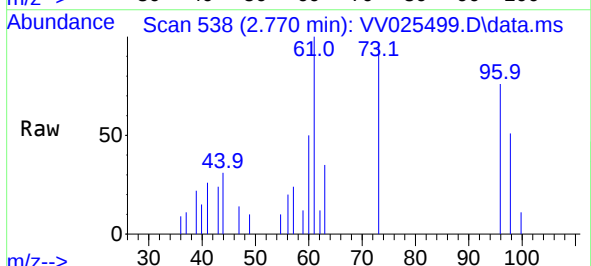


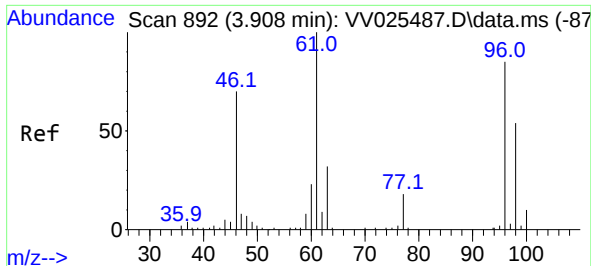
Tgt Ion: 73 Resp: 2535
Ion Ratio Lower Upper
73 100
43 15.2 14.2 21.4
57 21.2 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 0.167 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

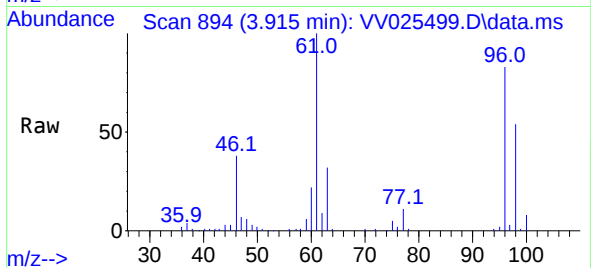
Tgt Ion: 96 Resp: 1597
Ion Ratio Lower Upper
96 100
61 131.2 92.1 171.1
98 67.2 47.5 88.1



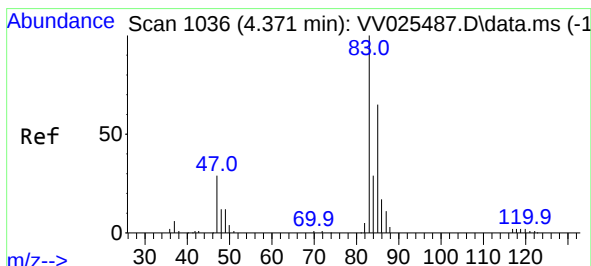
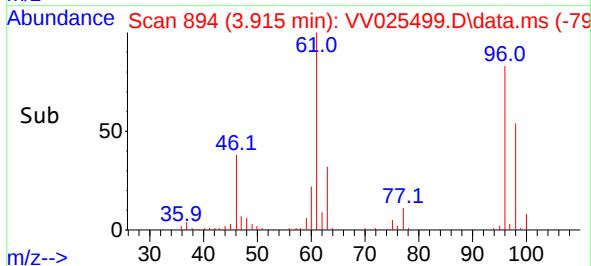
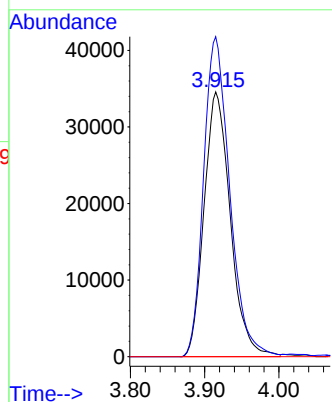


#22
 cis-1,2-Dichloroethene
 Concen: 8.456 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025499.D
 Acq: 13 Apr 2022 17:56

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 ClientSampleId :

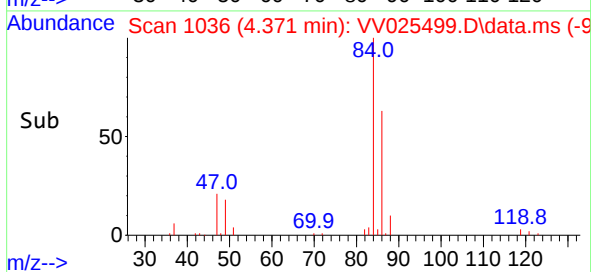
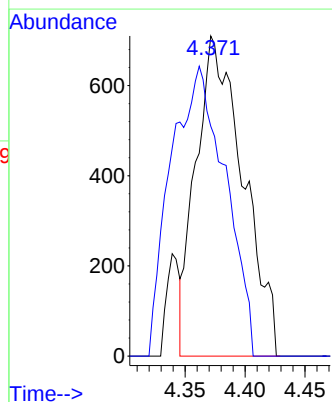
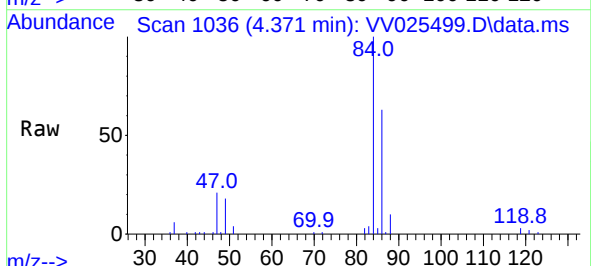


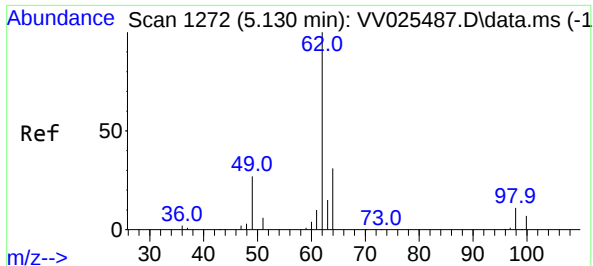
Tgt Ion: 96 Resp: 85001
 Ion Ratio Lower Upper
 96 100
 61 120.8 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.113 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VV025499.D
 Acq: 13 Apr 2022 17:56

Tgt Ion: 83 Resp: 1935
 Ion Ratio Lower Upper
 83 100
 85 71.8 43.5 80.7

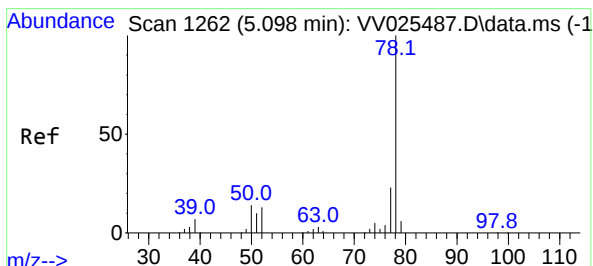
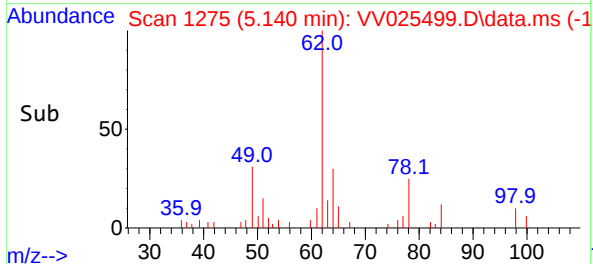
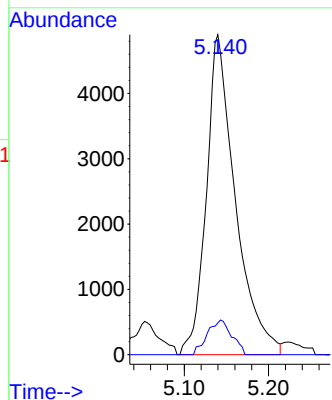
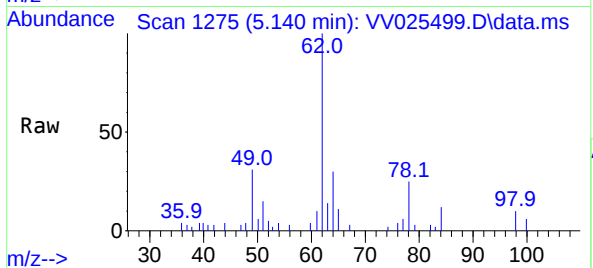




#27
1,2-Dichloroethane
Concen: 1.302 ug/L
RT: 5.140 min Scan# 11727
Delta R.T. 0.010 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

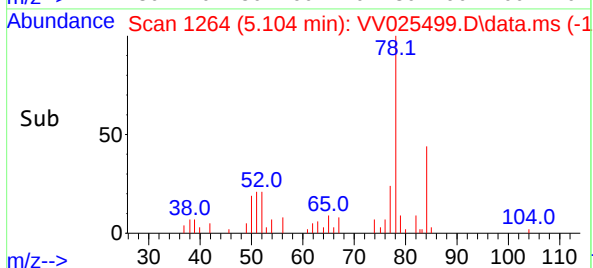
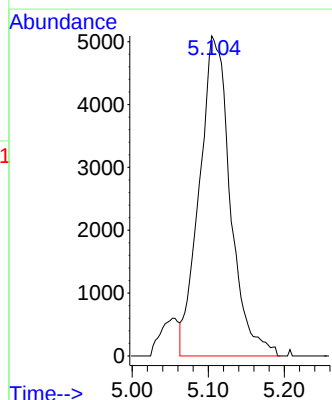
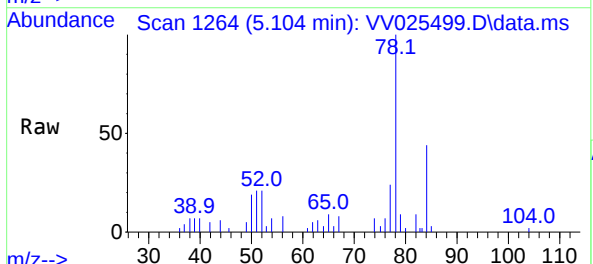
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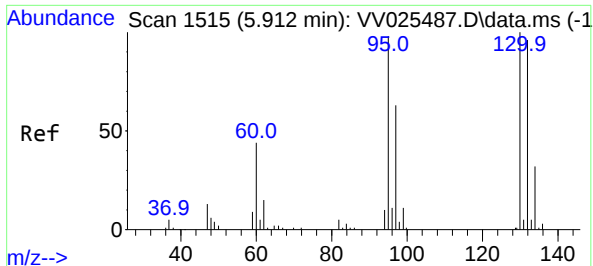
Tgt Ion: 62 Resp: 11727
Ion Ratio Lower Upper
62 100
98 9.9 8.8 13.2



#33
Benzene
Concen: 0.359 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

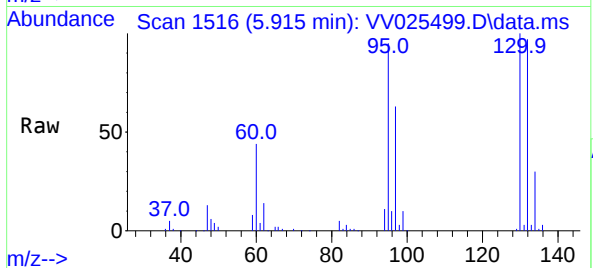
Tgt Ion: 78 Resp: 14366



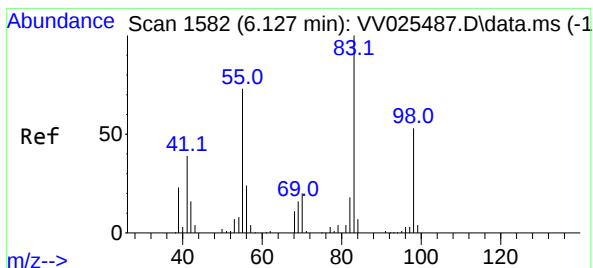
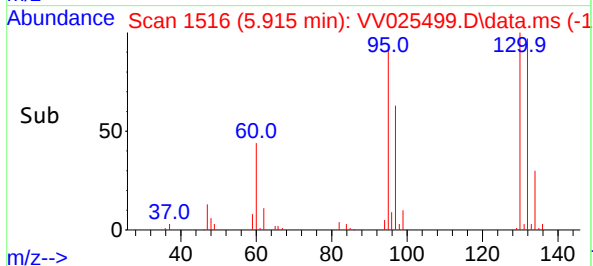
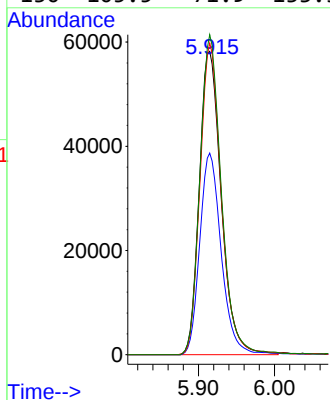


#34
Trichloroethene
Concen: 10.990 ug/L
RT: 5.915 min Scan# 116781
Delta R.T. 0.003 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

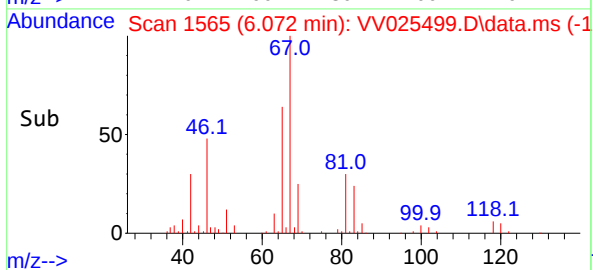
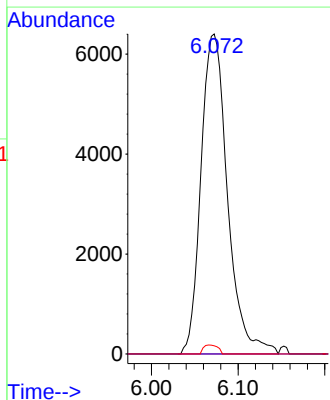
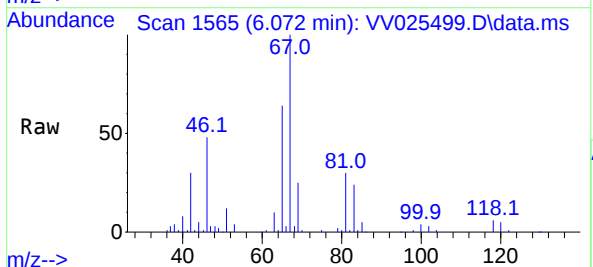


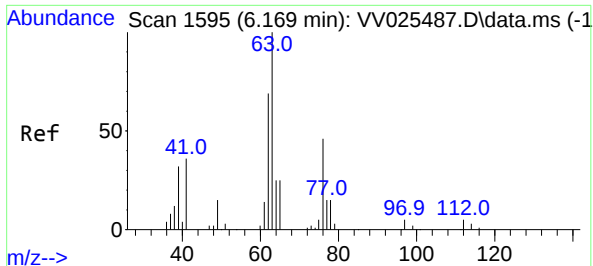
Tgt Ion: 95 Resp: 116781
Ion Ratio Lower Upper
95 100
97 66.4 45.8 85.2
132 102.7 68.0 126.4
130 105.5 71.9 133.5



#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

Tgt Ion: 83 Resp: 13630
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 1.5 39.6 59.4#

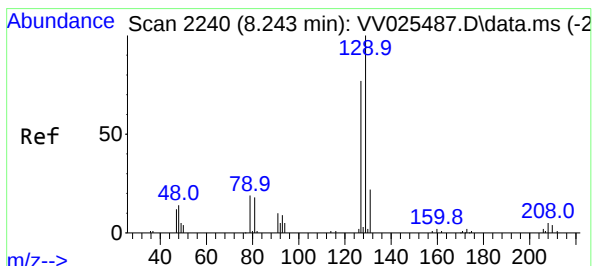
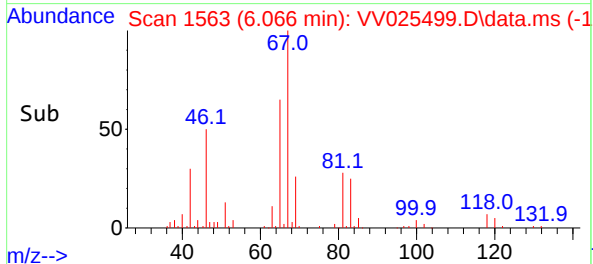
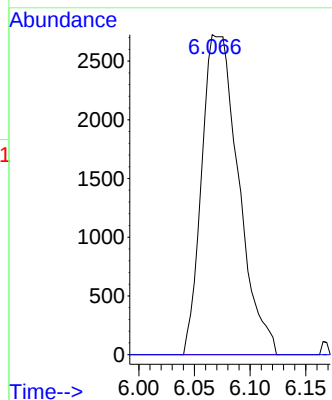
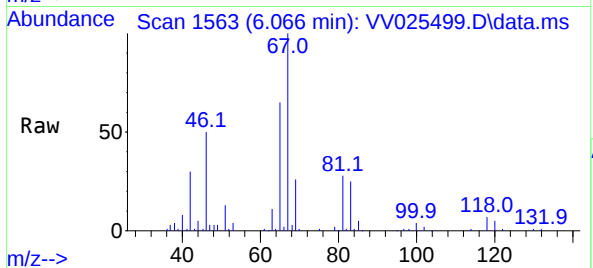




#37
1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

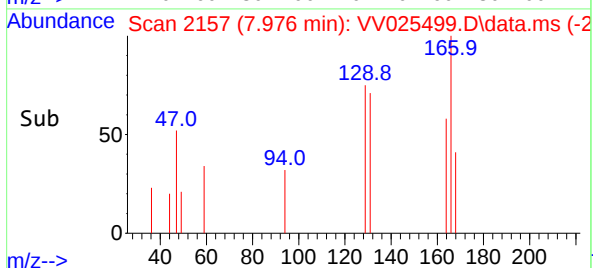
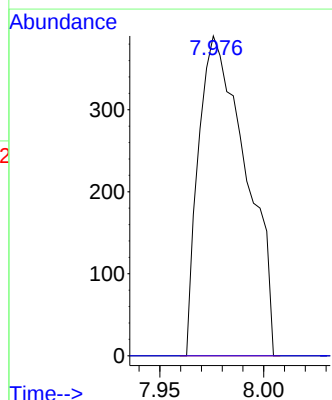
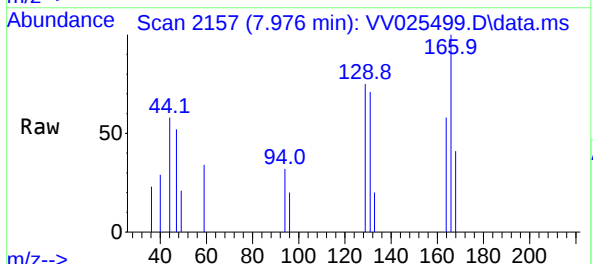
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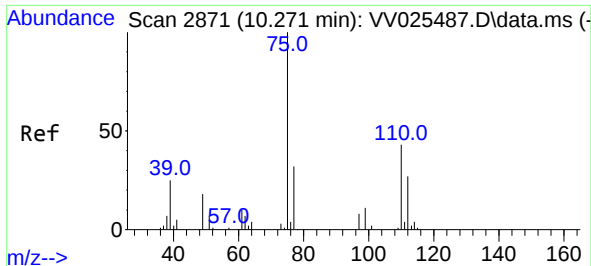
Tgt Ion: 63 Resp: 6258
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#49
Dibromochloromethane
Concen: 0.091 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025499.D
Acq: 13 Apr 2022 17:56

Tgt Ion: 129 Resp: 616
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#





#61

1,2,3-Trichloropropane

Concen: 1.845 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

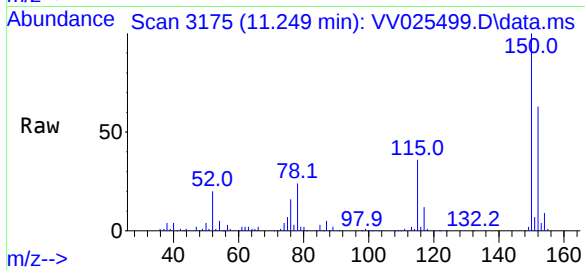
Lab File: VV025499.D

Acq: 13 Apr 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 7403

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4

110 2.9 34.7 52.1#

