

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022592.D
 Acq On : 06 Oct 2021 01:00
 Operator : SY/MD
 Sample : M4051-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

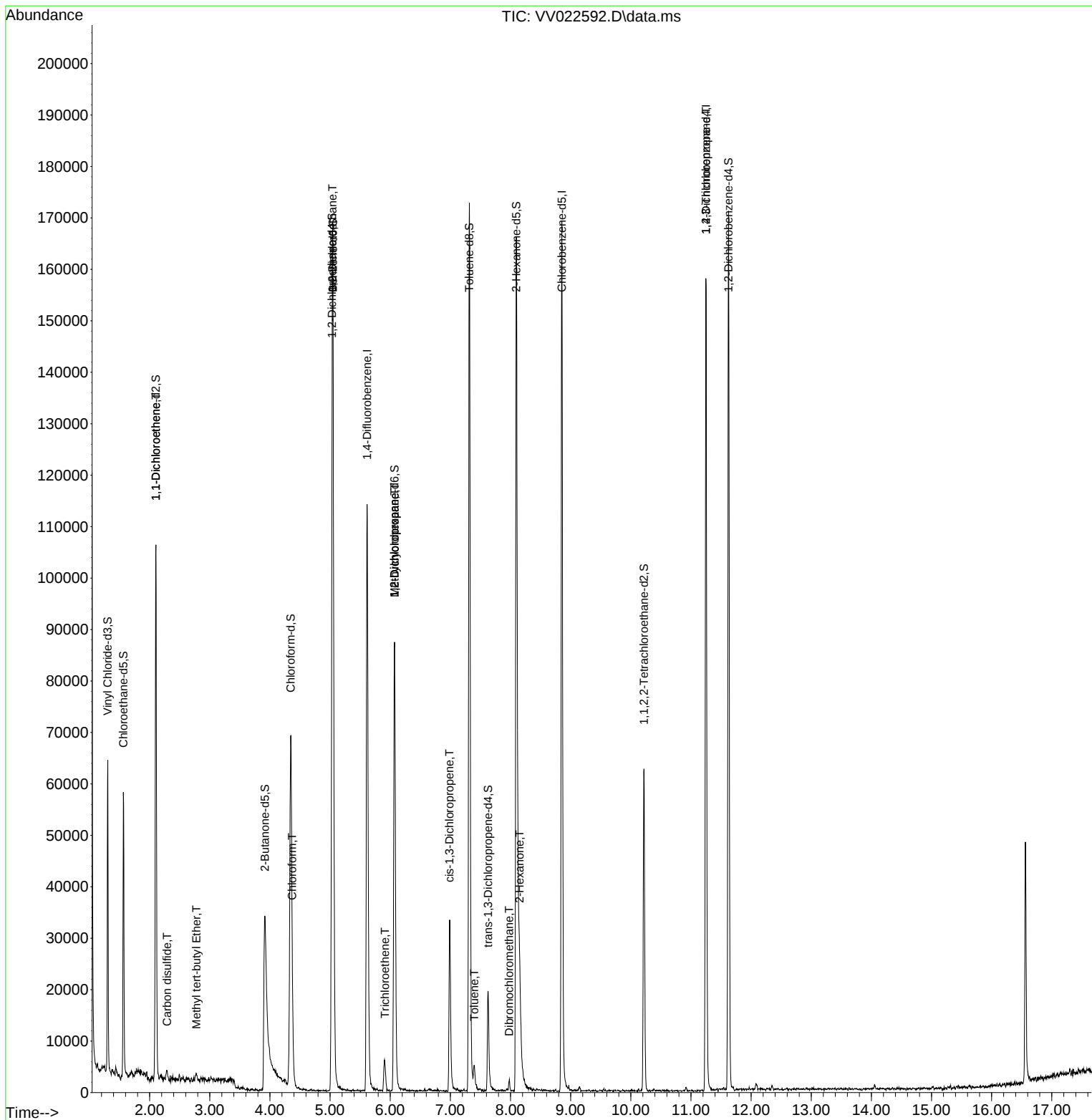
Quant Time: Oct 06 08:07:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

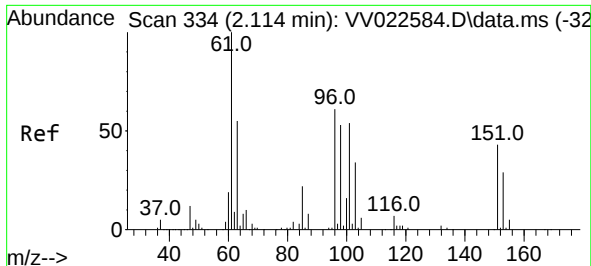
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	99384	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	97853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36916	11.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	231.800%#
7) Chloroethane-d5	1.564	69	32977	7.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	153.600%#
11) 1,1-Dichloroethene-d2	2.105	63	53796	5.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.400%
20) 2-Butanone-d5	3.915	46	73680	39.144	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.280%
24) Chloroform-d	4.346	84	67396	5.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.034	65	35120	6.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.600%
32) Benzene-d6	5.047	84	142335	6.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	129.200%#
36) 1,2-Dichloropropane-d6	6.072	67	42297	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.317	98	116815	6.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
43) trans-1,3-Dichloroprop...	7.629	79	11904	5.782	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.600%
46) 2-Hexanone-d5	8.098	63	64733	50.780	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.560%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30617	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	45629	6.657	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.200%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	419	0.069	ug/L #	1
14) Carbon disulfide	2.288	76	1824	0.102	ug/L #	75
17) Methyl tert-butyl Ether	2.777	73	922	0.060	ug/L #	29
25) Chloroform	4.371	83	5986	0.461	ug/L	98
27) 1,2-Dichloroethane	5.040	62	764	0.110	ug/L #	74
34) Trichloroethene	5.912	95	393	0.051	ug/L #	75
35) Methylcyclohexane	6.072	83	10451	0.973	ug/L #	26
37) 1,2-Dichloropropane	6.072	63	4780	0.742	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	935	0.108	ug/L	83
42) Toluene	7.400	91	3714	0.134	ug/L	92
48) 2-Hexanone	8.149	43	8313	3.261	ug/L #	92
49) Dibromochloromethane	7.979	129	443	0.078	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4910	1.495	ug/L #	64

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

Quant Time: Oct 06 08:07:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
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Response via : Initial Calibration

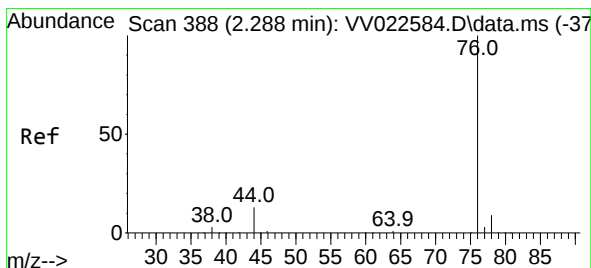
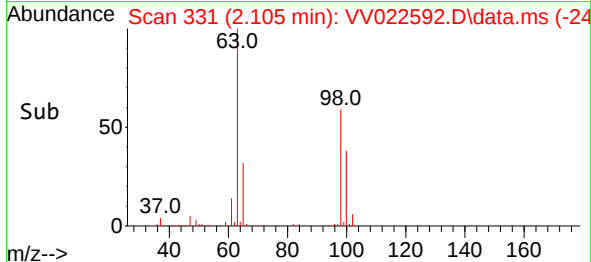
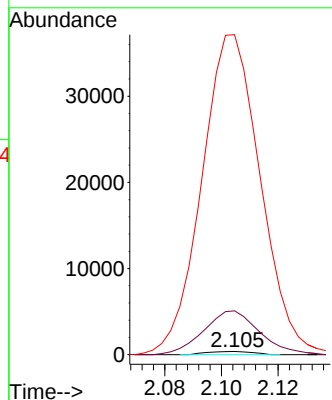
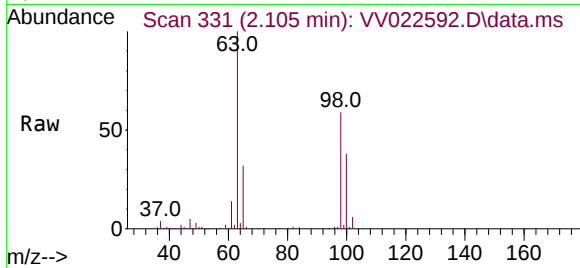




#12
1,1-Dichloroethene
Concen: 0.069 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

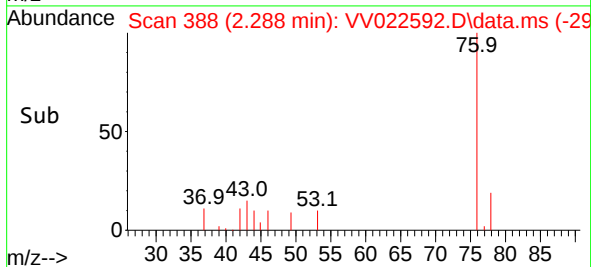
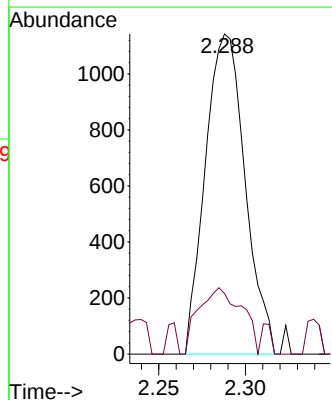
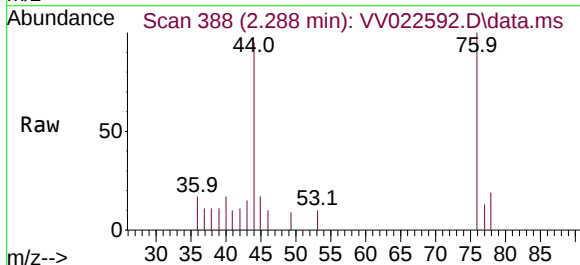
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MSVOA_V
ClientSampled :

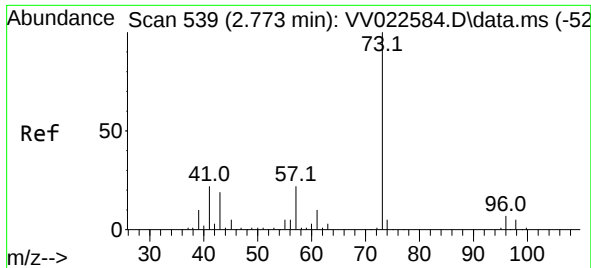
Tgt Ion: 96 Resp: 419
Ion Ratio Lower Upper
96 100
61 1393.2 113.2 210.2#
63 10176.4 66.6 123.8#



#14
Carbon disulfide
Concen: 0.102 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

Tgt Ion: 76 Resp: 1824
Ion Ratio Lower Upper
76 100
78 18.9 7.8 11.6#

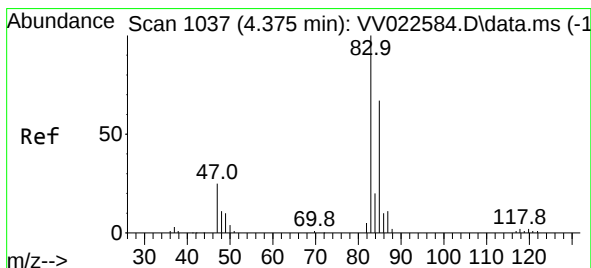
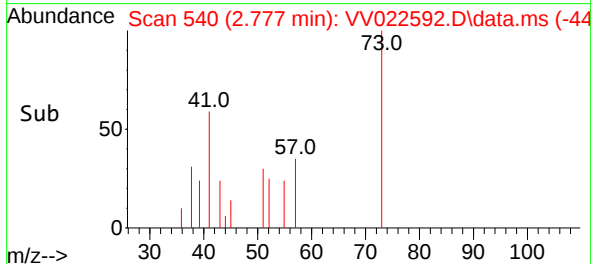
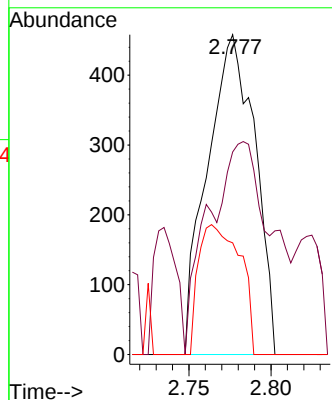
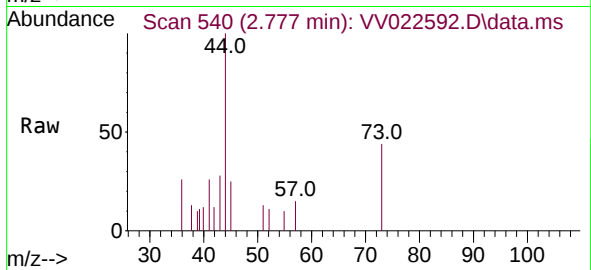




#17
Methyl tert-butyl Ether
Concen: 0.060 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

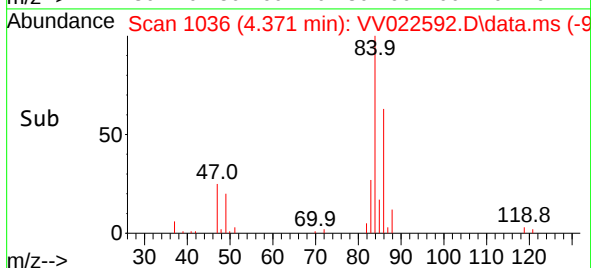
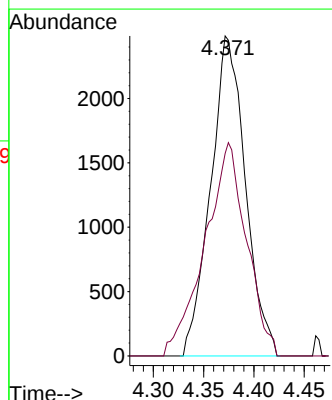
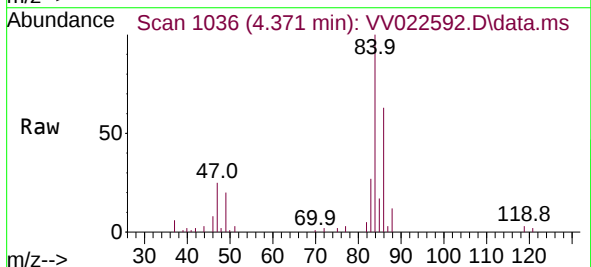
Instrument :
MSVOA_V
ClientSampled :

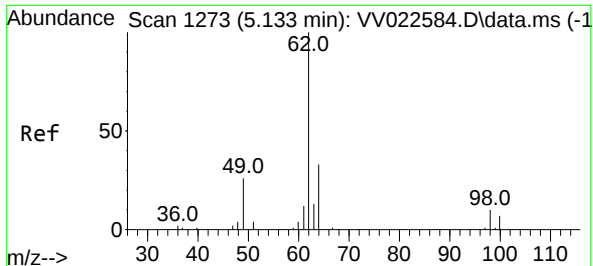
Tgt Ion: 73 Resp: 922
Ion Ratio Lower Upper
73 100
43 65.6 16.3 24.5#
57 0.0 17.5 26.3#



#25
Chloroform
Concen: 0.461 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

Tgt Ion: 83 Resp: 5986
Ion Ratio Lower Upper
83 100
85 63.3 45.6 84.8





#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.093 min

Lab File: VV022592.D

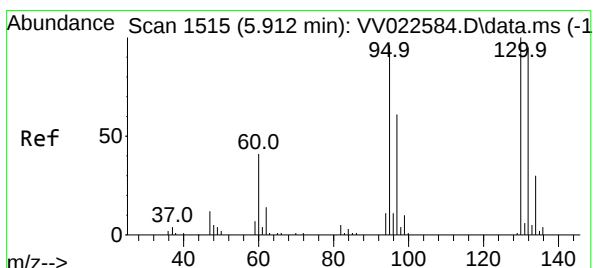
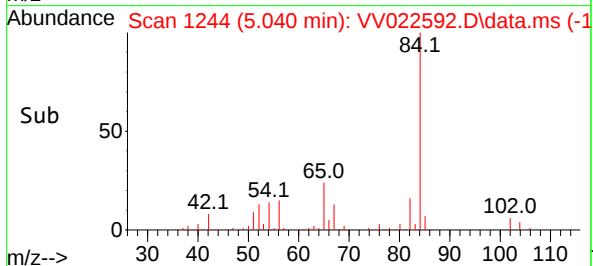
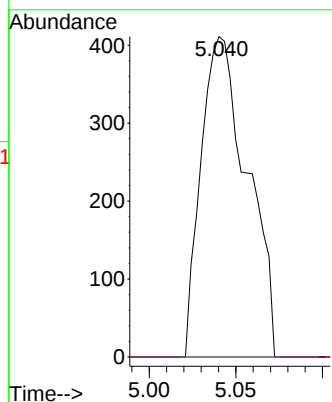
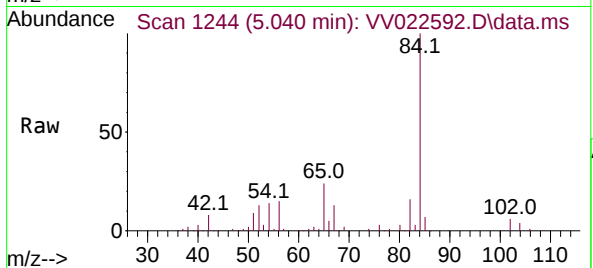
Acq: 06 Oct 2021 01:00

Tgt Ion: 62 Resp: 764

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#34

Trichloroethene

Concen: 0.051 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV022592.D

Acq: 06 Oct 2021 01:00

Tgt Ion: 95 Resp: 393

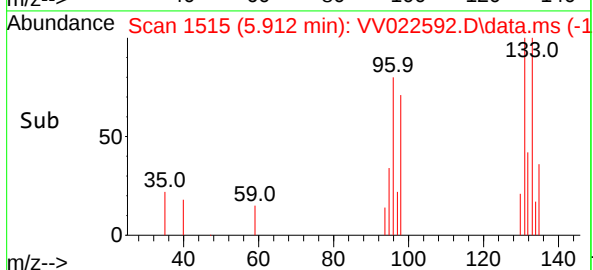
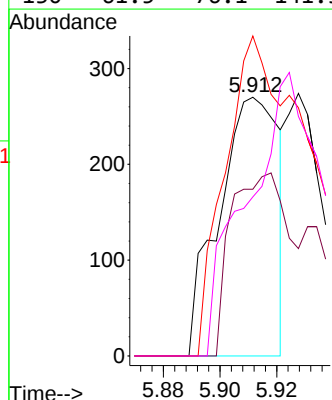
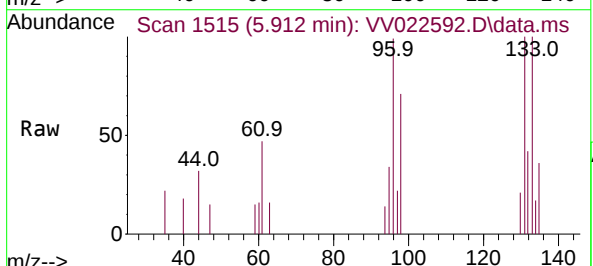
Ion Ratio Lower Upper

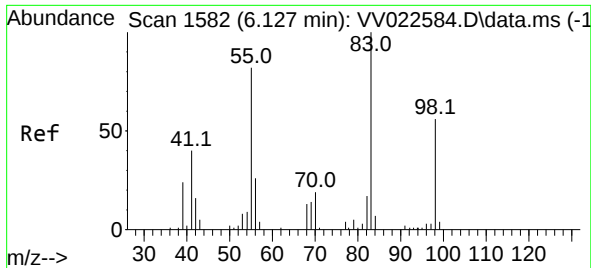
95 100

97 64.4 46.5 86.5

132 123.7 73.0 135.6

130 61.5 76.1 141.3#

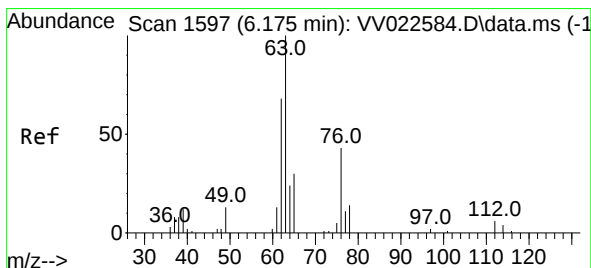
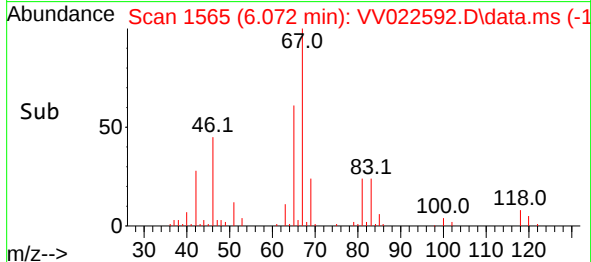
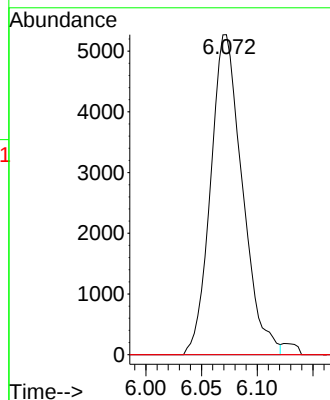
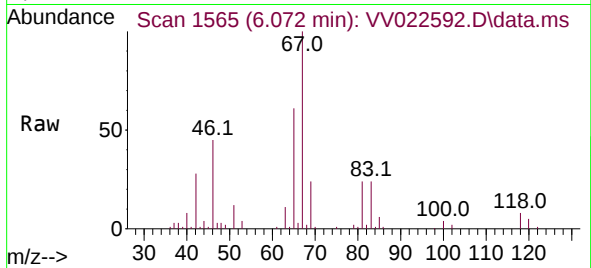




#35
Methylcyclohexane
Concen: 0.973 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

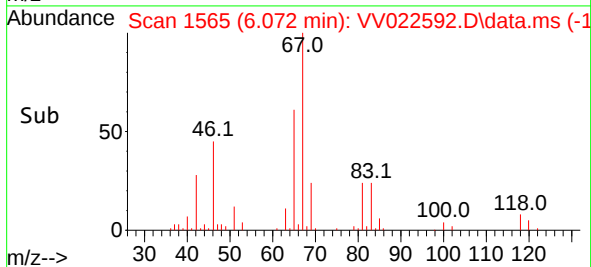
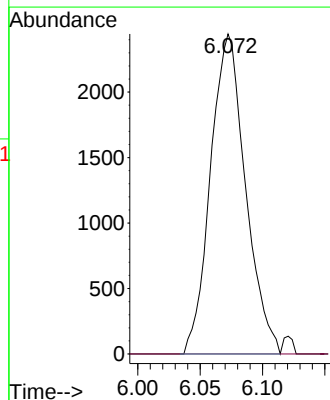
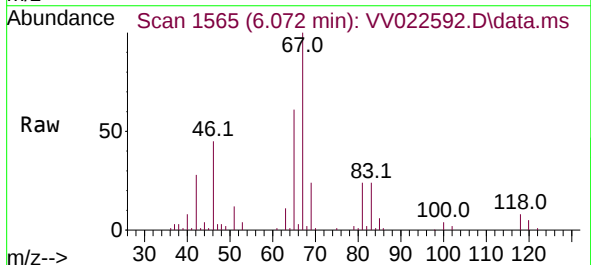
Instrument :
MSVOA_V
ClientSampled :

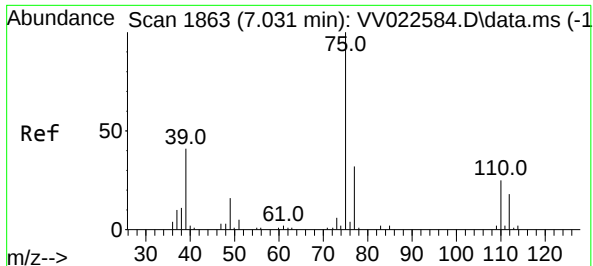
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	11.5	39.8	59.8#



#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



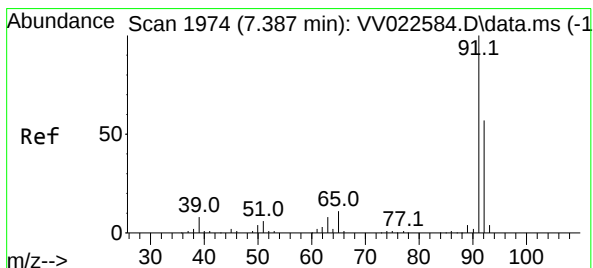
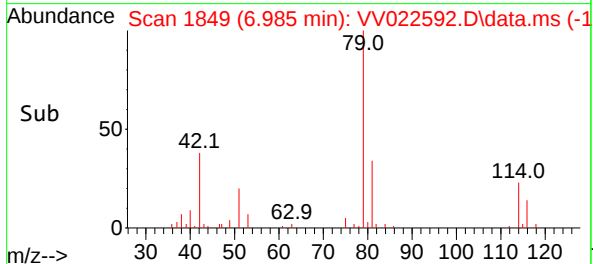
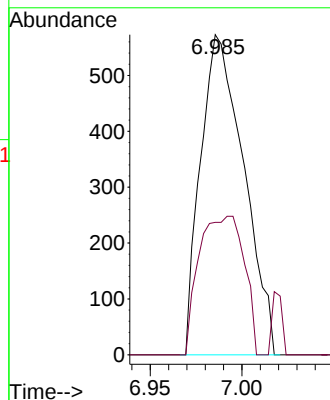
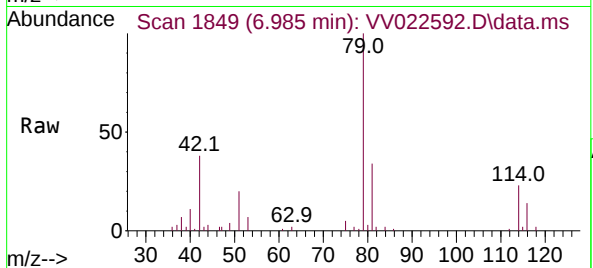


#39

cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

Instrument :
MSVOA_V
ClientSampled :

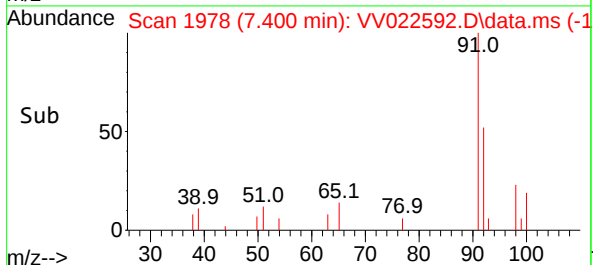
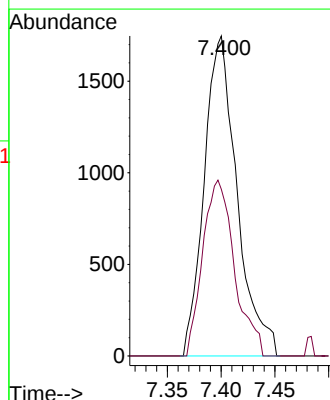
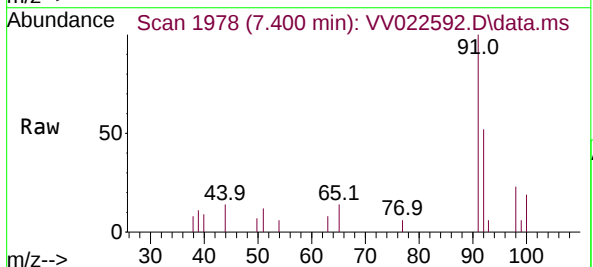
Tgt Ion: 75 Resp: 935
Ion Ratio Lower Upper
75 100
77 41.4 22.4 41.6

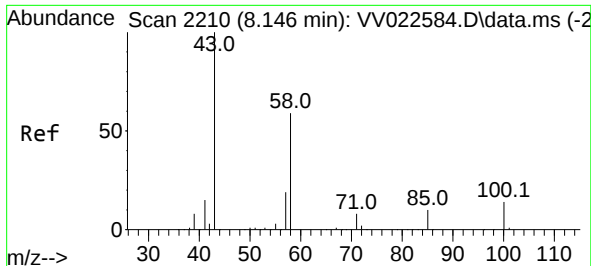


#42

Toluene
Concen: 0.134 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

Tgt Ion: 91 Resp: 3714
Ion Ratio Lower Upper
91 100
92 52.1 40.5 75.3

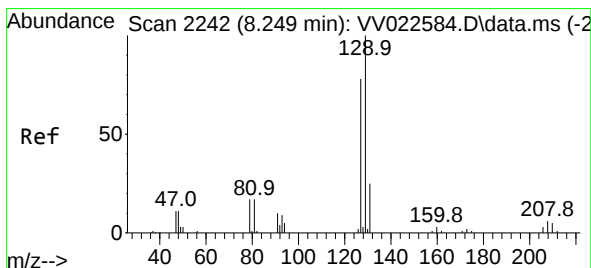
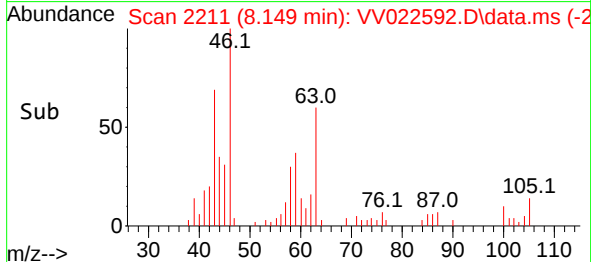
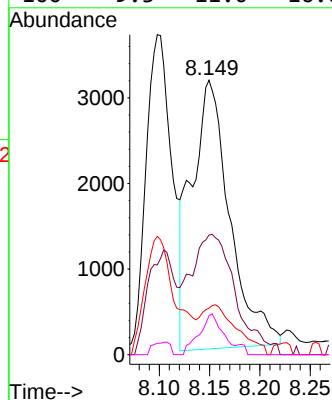
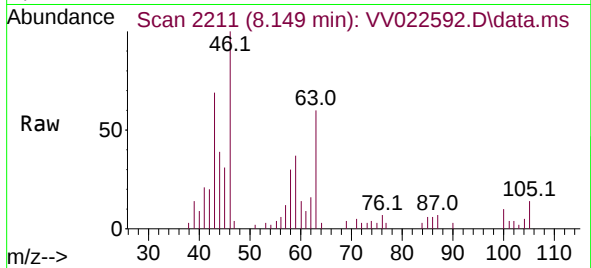




#48
2-Hexanone
Concen: 3.261 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

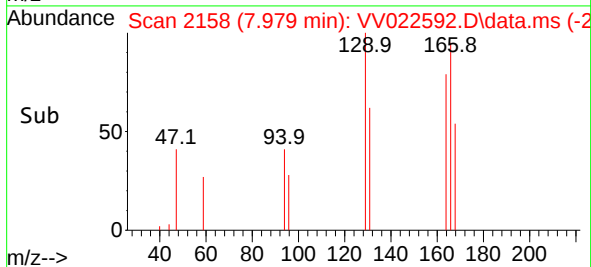
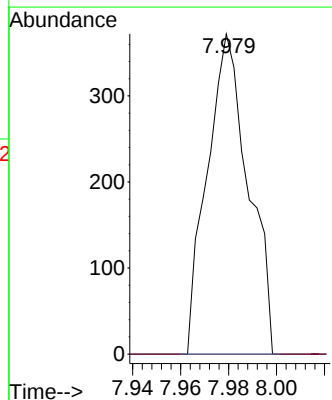
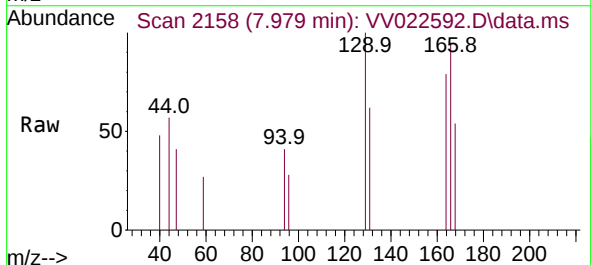
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ClientSampleId :

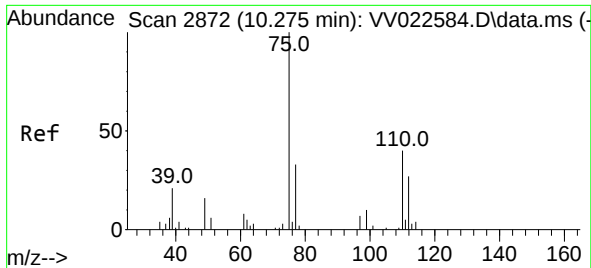
Tgt Ion:	43	Resp:	8313
Ion	Ratio	Lower	Upper
43	100		
58	52.6	46.4	69.6
57	17.2	16.3	24.5
100	9.3	11.0	16.6



#49
Dibromochloromethane
Concen: 0.078 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.270 min
Lab File: VV022592.D
Acq: 06 Oct 2021 01:00

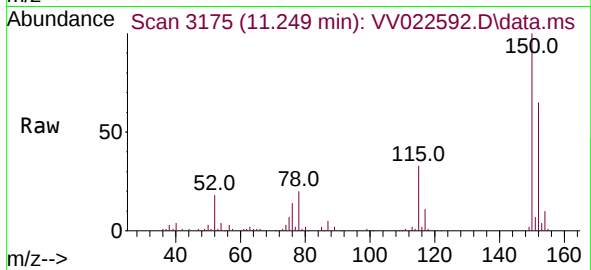
Tgt Ion:	129	Resp:	443
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6





#61
 1,2,3-Trichloropropane
 Concen: 1.495 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022592.D
 Acq: 06 Oct 2021 01:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	4910
Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.1	39.1
110	1.5	33.0	49.6#

