

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031340.D
 Acq On : 05 Jun 2023 11:57
 Operator : SY/MD
 Sample : 03000-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C25

Quant Time: Jun 06 02:07:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

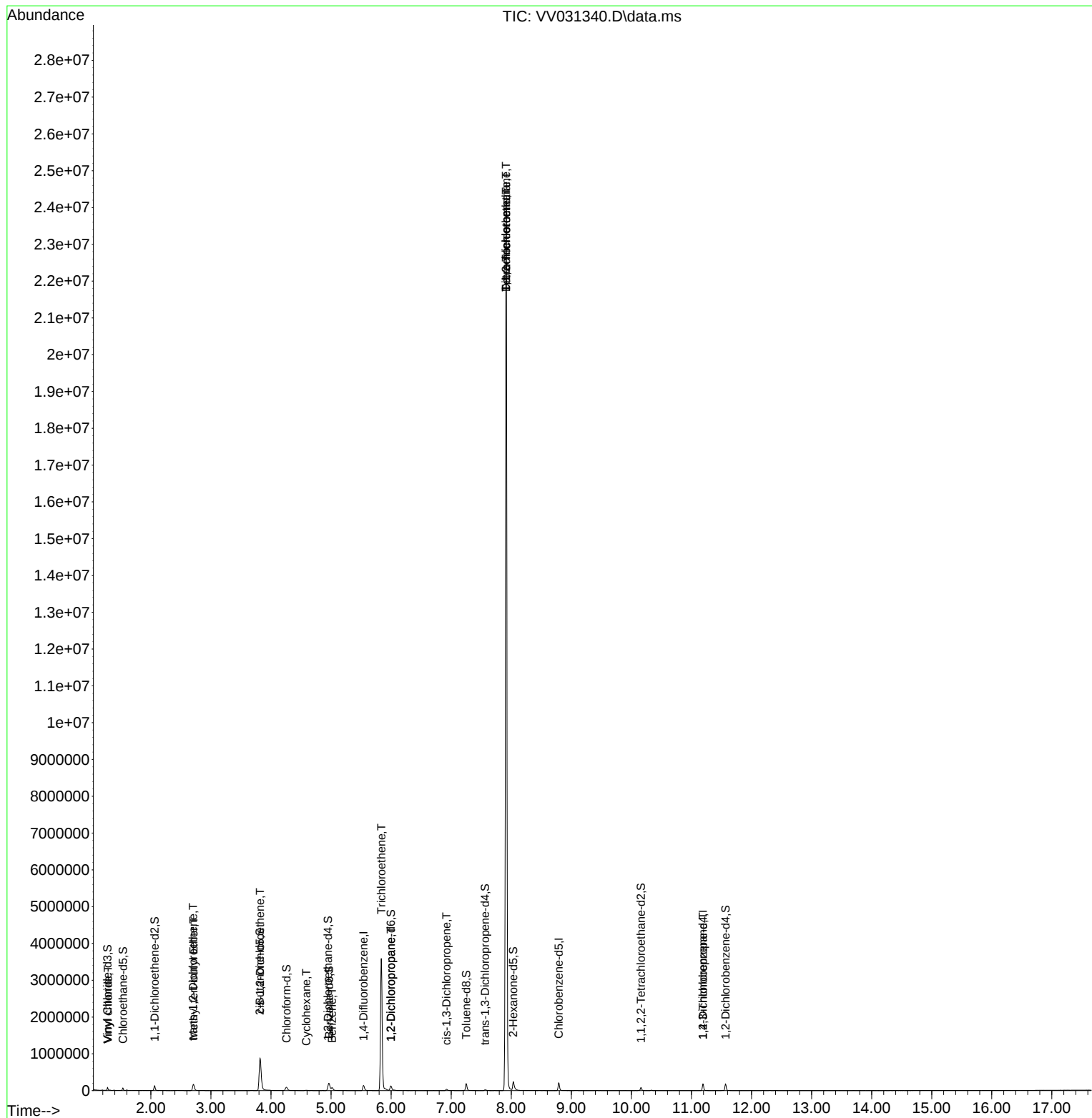
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	114193	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	50052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46387	3.993	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.536	69	42353	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.063	65	23552	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.815	46	124235	46.208	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.420%
24) Chloroform-d	4.259	84	96501	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.950	65	52965	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.966	84	169285	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.995	67	62531	5.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.249	98	130720	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.564	79	13897	3.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.034	63	84895	49.202	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41072	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	44572	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
5) Vinyl chloride	1.285	62	1051	0.069	ug/L #	18
17) Methyl tert-butyl Ether	2.709	73	158076	6.502	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	1735	0.171	ug/L	85
22) cis-1,2-Dichloroethene	3.818	96	439152	42.834	ug/L	99
30) Cyclohexane	4.587	56	4764	0.275	ug/L	89
33) Benzene	5.018	78	76926	1.881	ug/L	100
34) Trichloroethene	5.838	95	1271130	115.103	ug/L	97
37) 1,2-Dichloropropane	5.995	63	7217	0.600	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	973	0.062	ug/L #	27
45) 1,1,2-Trichloroethane	7.915	97	49337	6.040	ug/L #	14
47) Tetrachloroethene	7.915	164	5063000	588.339	ug/L	98
49) Dibromochloromethane	7.915	129	4813190	527.645	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6307	1.031	ug/L #	69

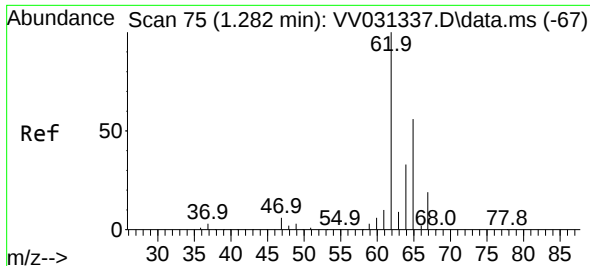
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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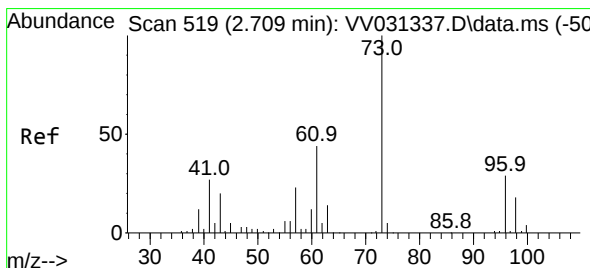
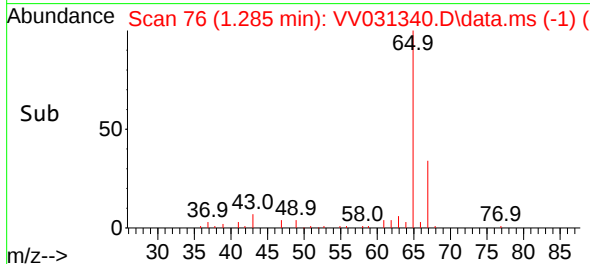
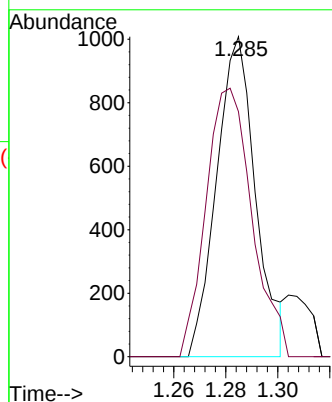
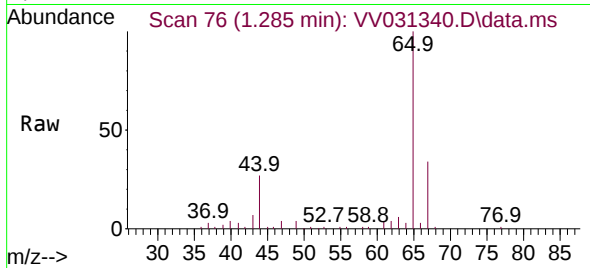




#5
 Vinyl chloride
 Concen: 0.069 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV031340.D
 Acq: 05 Jun 2023 11:57

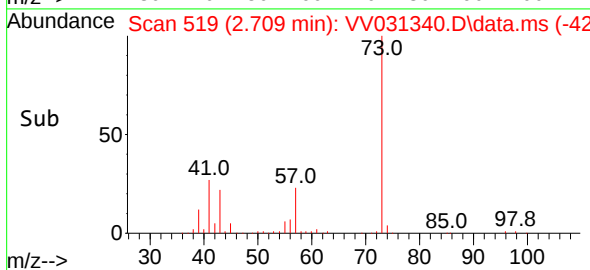
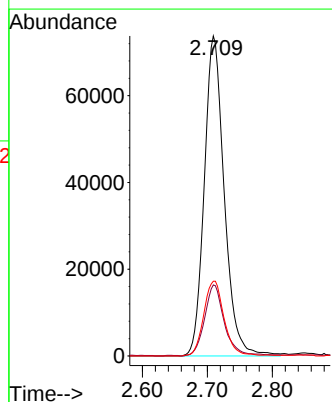
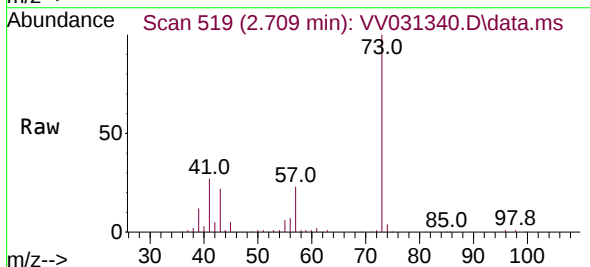
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C25

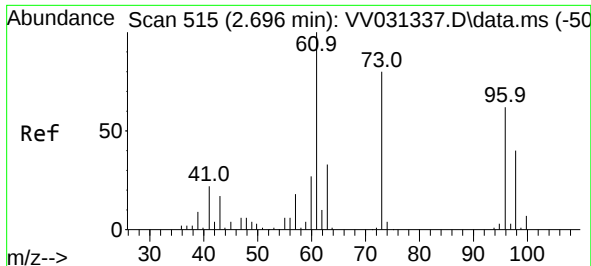
Tgt Ion: 62 Resp: 1051
 Ion Ratio Lower Upper
 62 100
 64 76.6 22.0 40.8#



#17
 Methyl tert-butyl Ether
 Concen: 6.502 ug/L
 RT: 2.709 min Scan# 519
 Delta R.T. 0.000 min
 Lab File: VV031340.D
 Acq: 05 Jun 2023 11:57

Tgt Ion: 73 Resp: 158076
 Ion Ratio Lower Upper
 73 100
 43 22.1 17.8 26.8
 57 23.8 19.8 29.8

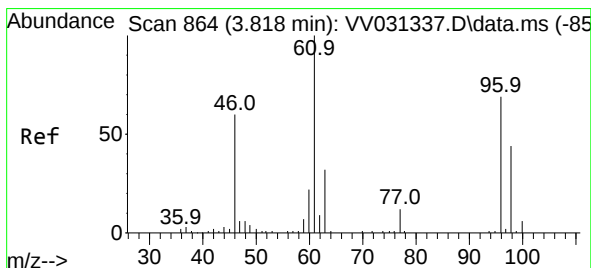
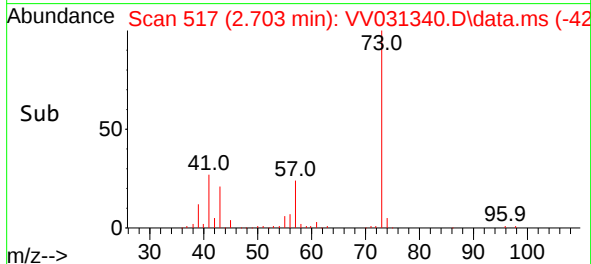
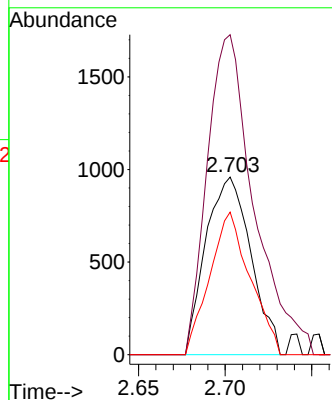
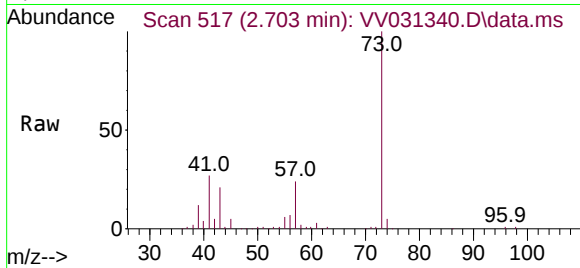




#18
trans-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 2.703 min Scan# 515
Delta R.T. 0.006 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

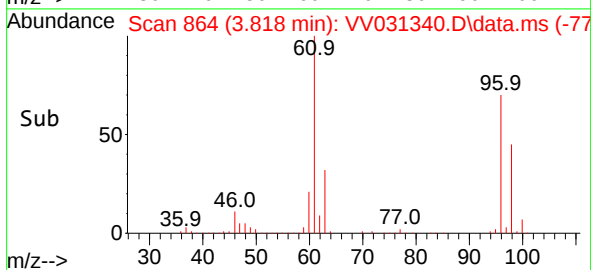
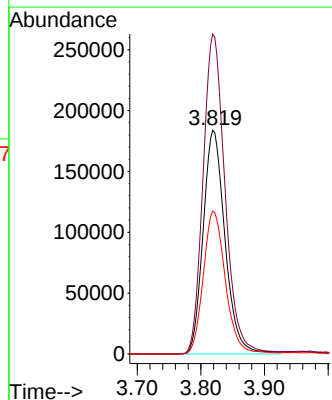
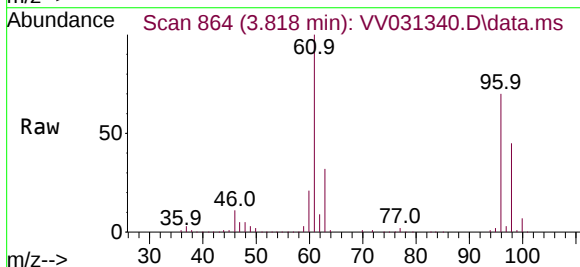
Instrument :
MSVOA_V
ClientSampleId :
F6C25

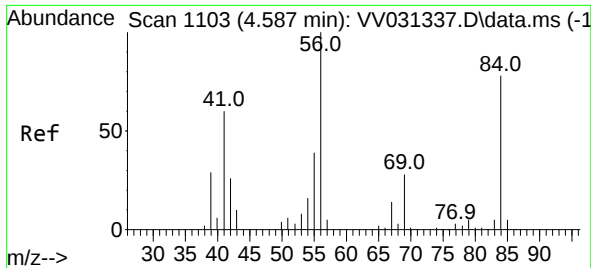
Tgt Ion: 96 Resp: 1735
Ion Ratio Lower Upper
96 100
61 180.2 114.2 212.0
98 80.3 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 42.834 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

Tgt Ion: 96 Resp: 439152
Ion Ratio Lower Upper
96 100
61 143.0 100.8 187.2
98 63.8 45.1 83.9

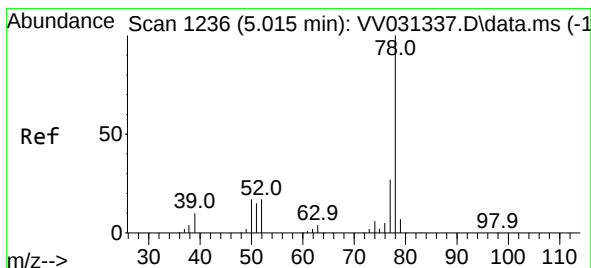
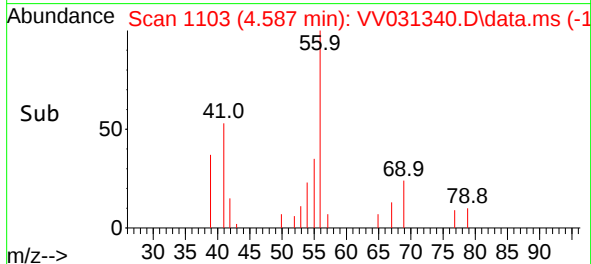
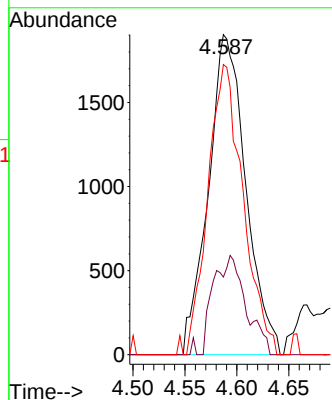
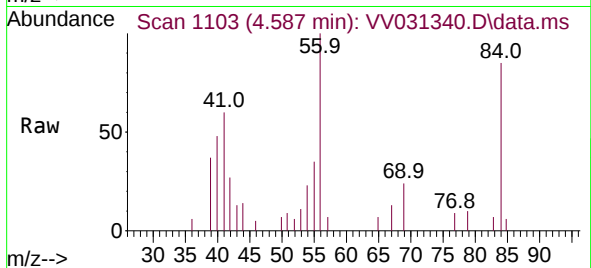




#30
Cyclohexane
Concen: 0.275 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

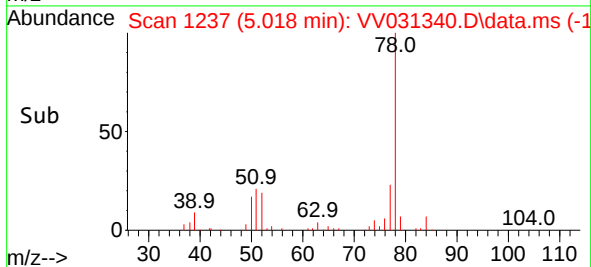
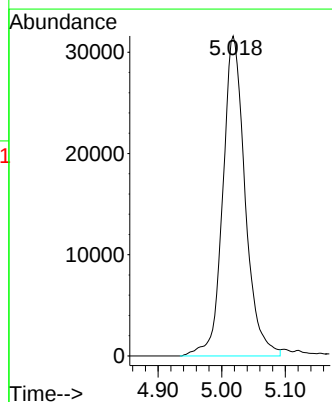
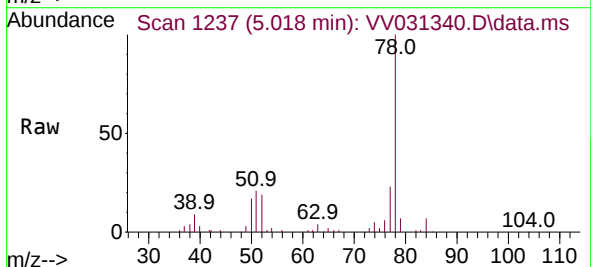
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ClientSampleId :
F6C25

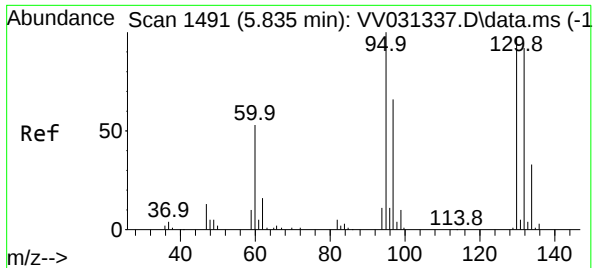
Tgt Ion: 56	Resp:	4764
Ion Ratio	Lower	Upper
56	100	
69	26.9	23.2 34.8
84	85.0	58.5 87.7



#33
Benzene
Concen: 1.881 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

Tgt Ion: 78 Resp: 76926





#34

Trichloroethene

Concen: 115.103 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV031340.D

Acq: 05 Jun 2023 11:57

Instrument :

MSVOA_V

ClientSampleId :

F6C25

Tgt Ion: 95 Resp: 1271130

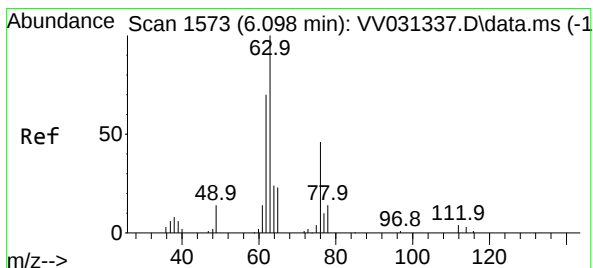
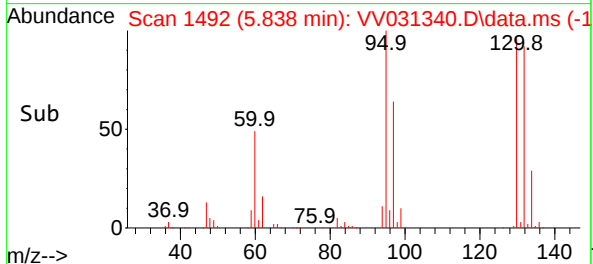
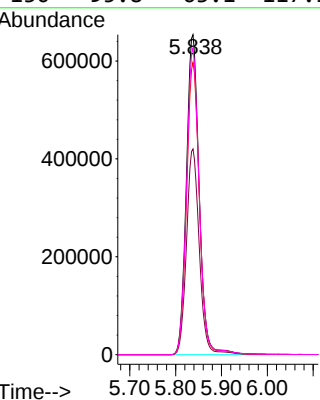
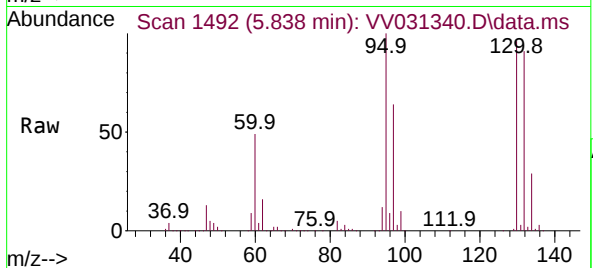
Ion Ratio Lower Upper

95 100

97 64.3 46.1 85.5

132 91.4 64.5 119.9

130 95.8 63.1 117.1



#37

1,2-Dichloropropane

Concen: 0.600 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.103 min

Lab File: VV031340.D

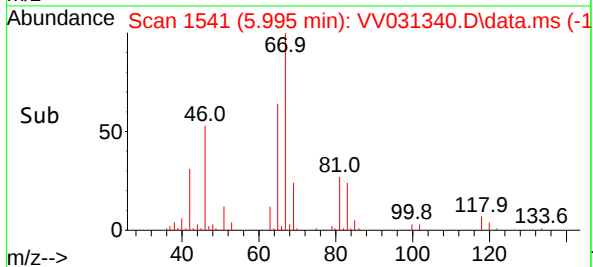
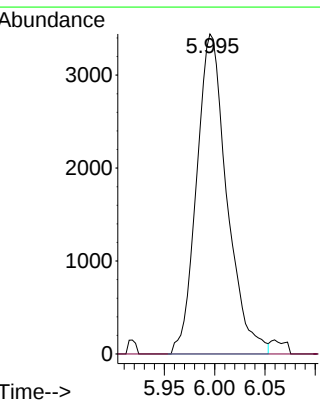
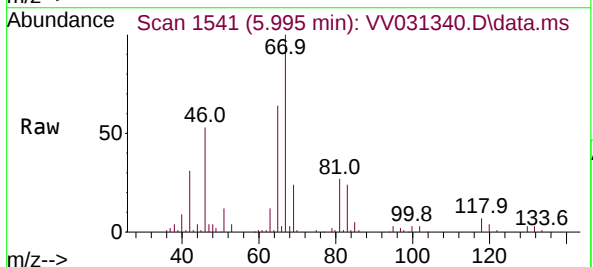
Acq: 05 Jun 2023 11:57

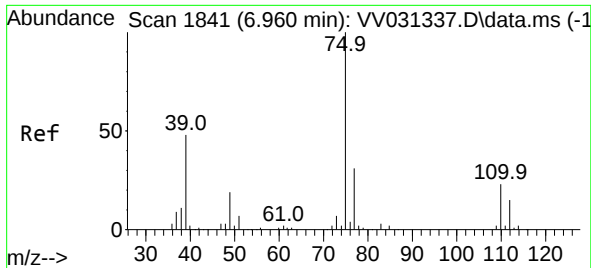
Tgt Ion: 63 Resp: 7217

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

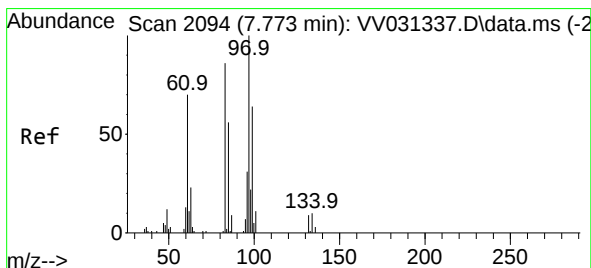
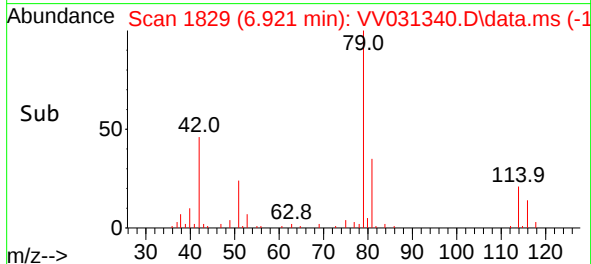
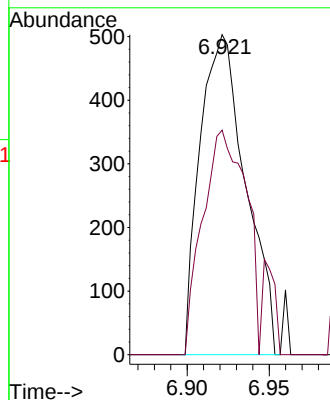
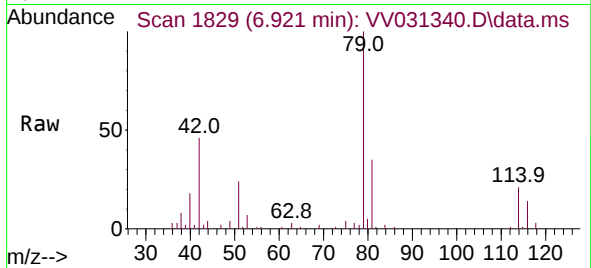




#39
cis-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 6.921 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

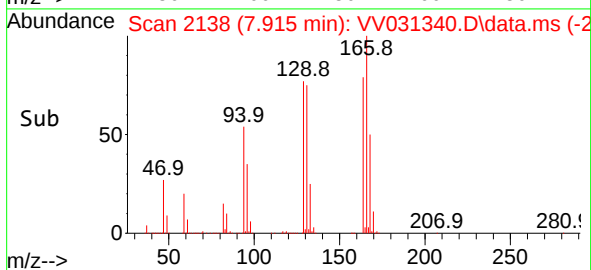
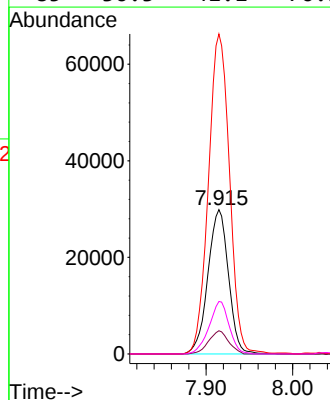
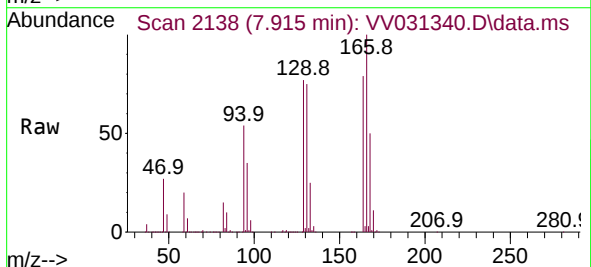
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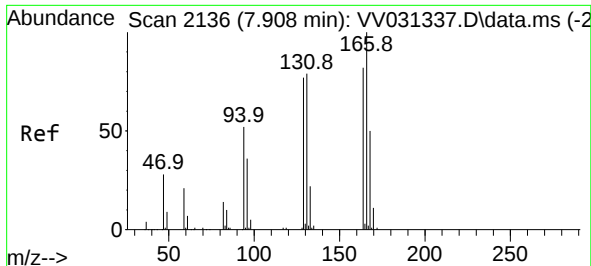
Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
77 70.2 21.3 39.5#



#45
1,1,2-Trichloroethane
Concen: 6.040 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.141 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

Tgt Ion: 97 Resp: 49337
Ion Ratio Lower Upper
97 100
99 16.0 43.1 80.1#
83 221.7 63.1 117.1#
85 36.3 41.1 76.3#





#47

Tetrachloroethene

Concen: 588.339 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VV031340.D

Acq: 05 Jun 2023 11:57

Instrument :

MSVOA_V

ClientSampleId :

F6C25

Tgt Ion:164 Resp: 5063000

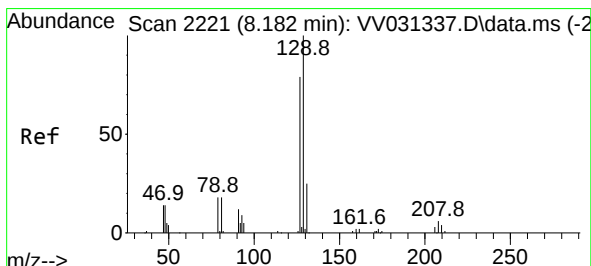
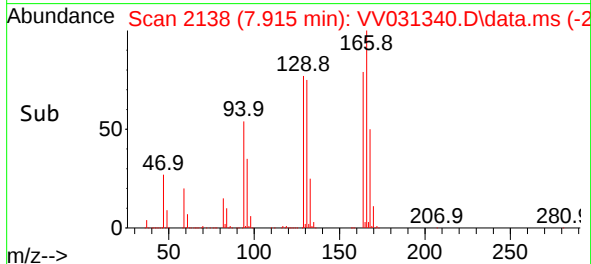
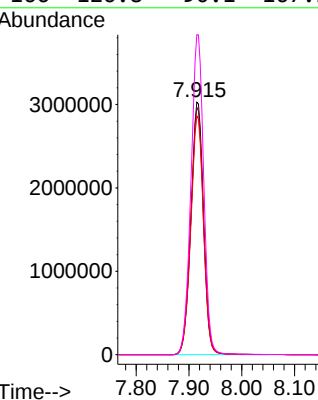
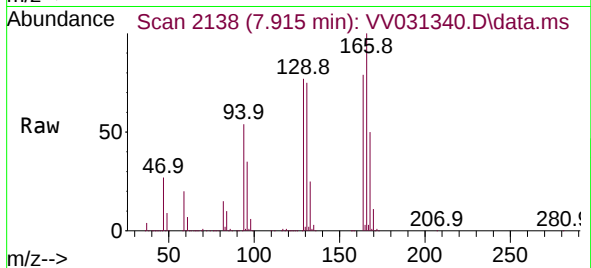
Ion Ratio Lower Upper

164 100

129 98.0 66.0 122.6

131 94.5 65.3 121.3

166 126.8 90.1 167.3



#49

Dibromochloromethane

Concen: 527.645 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.267 min

Lab File: VV031340.D

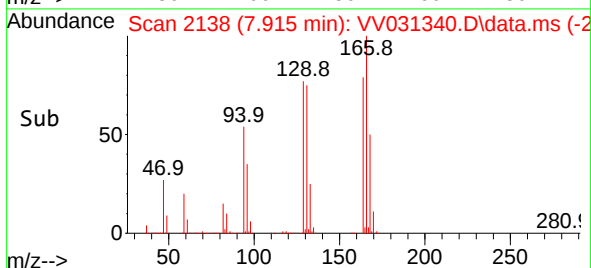
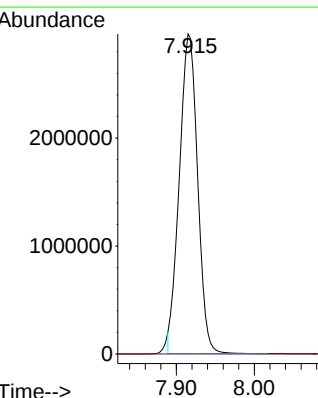
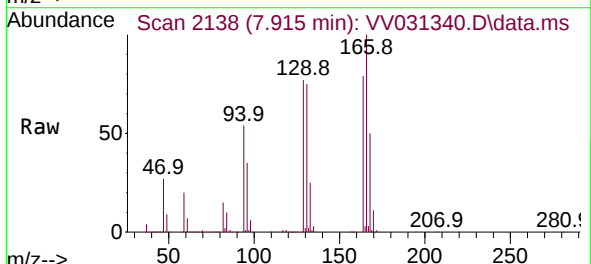
Acq: 05 Jun 2023 11:57

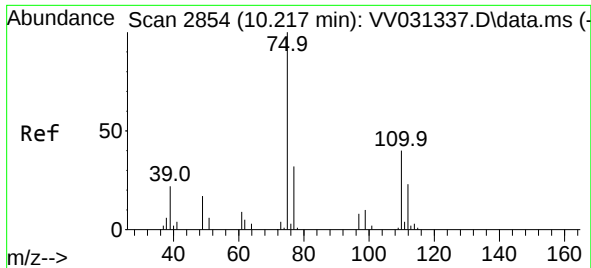
Tgt Ion:129 Resp: 4813190

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.031 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.974 min
 Lab File: VV031340.D
 Acq: 05 Jun 2023 11:57

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 6307
 Ion Ratio Lower Upper
 75 100
 77 34.0 27.3 40.9
 110 1.3 29.4 44.0#

