

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031351.D
 Acq On : 05 Jun 2023 16:50
 Operator : SY/MD
 Sample : 02990-05 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C30

Quant Time: Jun 06 02:09:44 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)

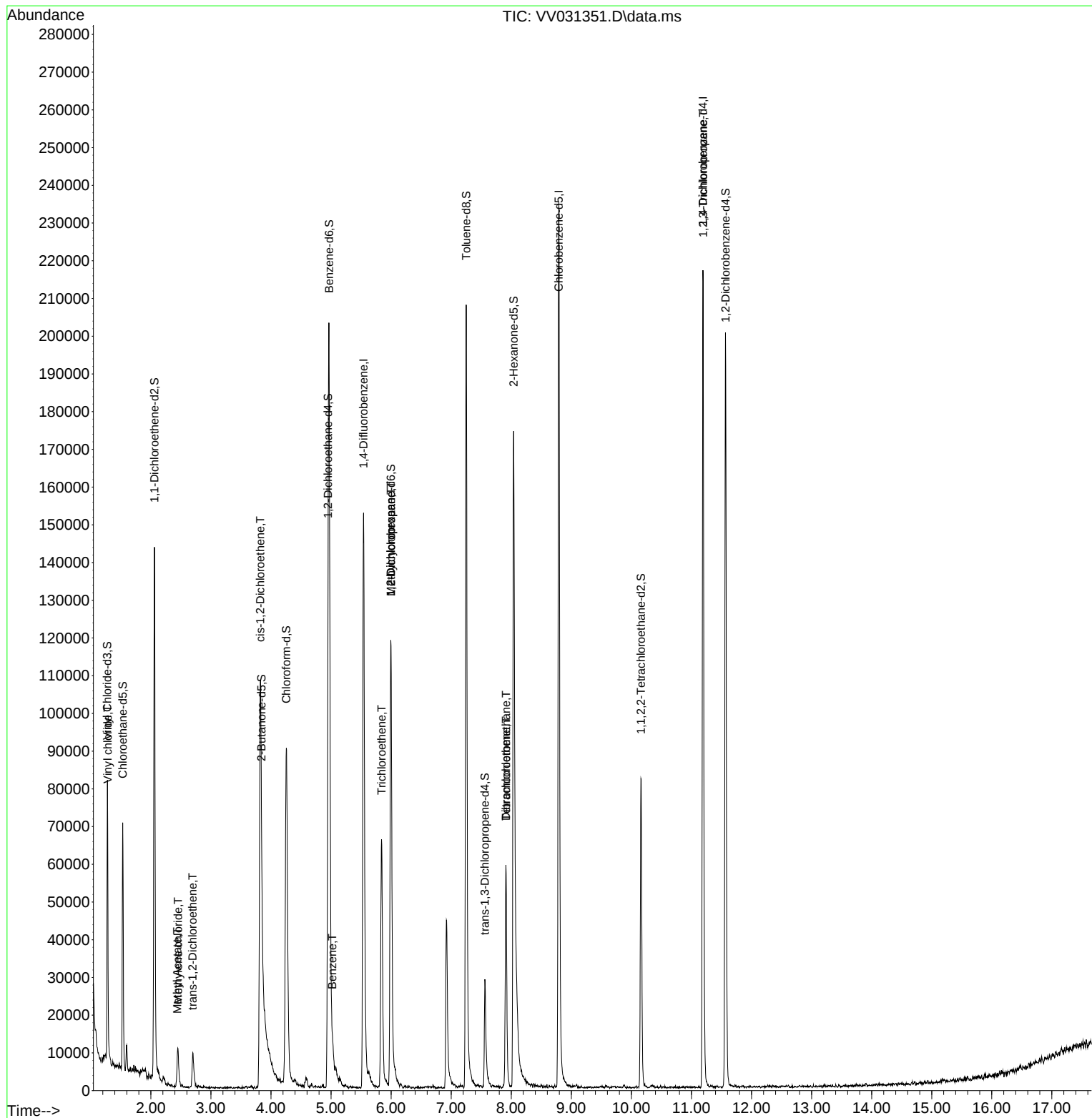
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124580	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	129620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	45909	3.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.532	69	41987	3.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.060	65	24521	3.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.841	46	102254	34.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.720%
24) Chloroform-d	4.256	84	100041	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.950	65	52054	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.966	84	170640	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	5.995	67	60129	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.249	98	141499	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.561	79	17431	3.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.040	63	69469	35.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.380%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41100	4.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	51700	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
5) Vinyl chloride	1.282	62	3854	0.232	ug/L #	66
15) Methyl Acetate	2.439	43	2027	0.308	ug/L #	56
16) Methylene chloride	2.452	84	3517	0.249	ug/L	88
18) trans-1,2-Dichloroethene	2.696	96	1920	0.174	ug/L	86
22) cis-1,2-Dichloroethene	3.822	96	47345	4.233	ug/L	98
33) Benzene	5.021	78	6182	0.134	ug/L	100
34) Trichloroethene	5.841	95	24458	1.963	ug/L	95
35) Methylcyclohexane	5.995	83	14910	0.804	ug/L #	15
37) 1,2-Dichloropropane	5.995	63	7081	0.522	ug/L #	86
47) Tetrachloroethene	7.912	164	13592	1.400	ug/L	94
49) Dibromochloromethane	7.912	129	13051	1.268	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7040	0.986	ug/L #	69

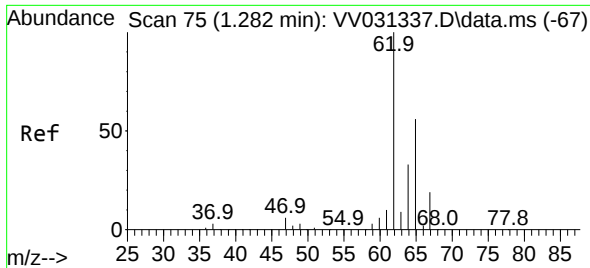
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

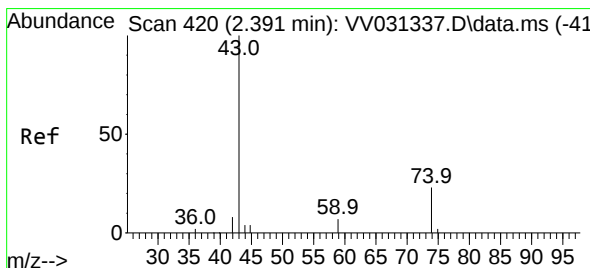
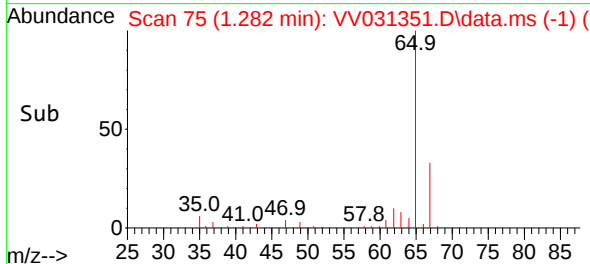
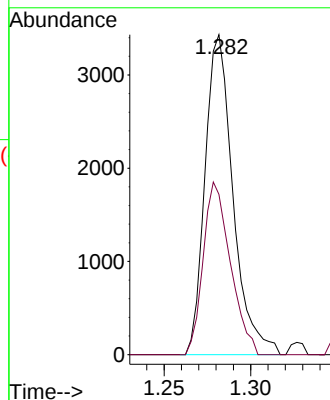
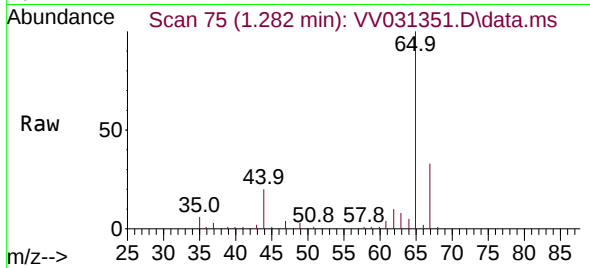




#5
 Vinyl chloride
 Concen: 0.232 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031351.D
 Acq: 05 Jun 2023 16:50

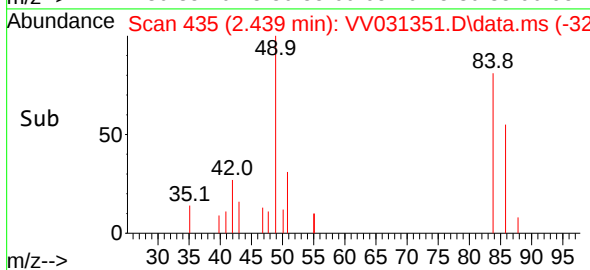
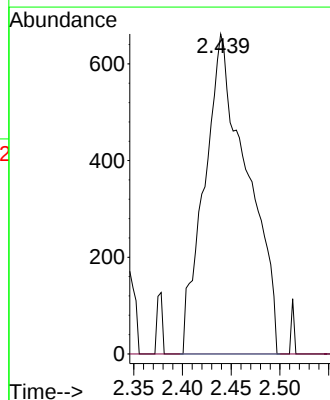
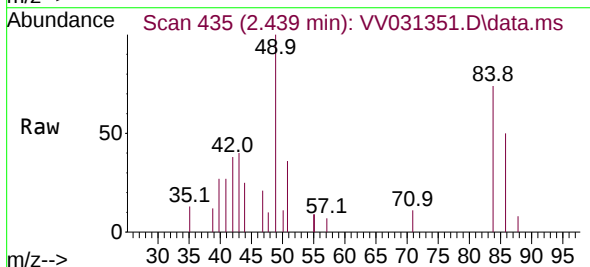
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C30

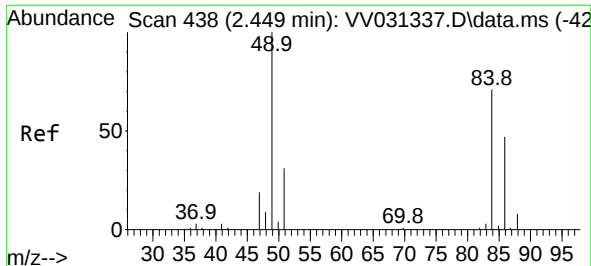
Tgt Ion: 62 Resp: 3854
 Ion Ratio Lower Upper
 62 100
 64 50.1 22.0 40.8#



#15
 Methyl Acetate
 Concen: 0.308 ug/L
 RT: 2.439 min Scan# 435
 Delta R.T. 0.048 min
 Lab File: VV031351.D
 Acq: 05 Jun 2023 16:50

Tgt Ion: 43 Resp: 2027
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.2 24.2#

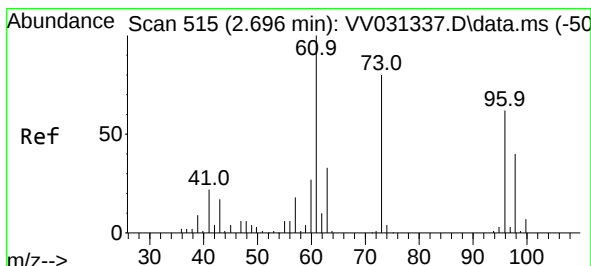
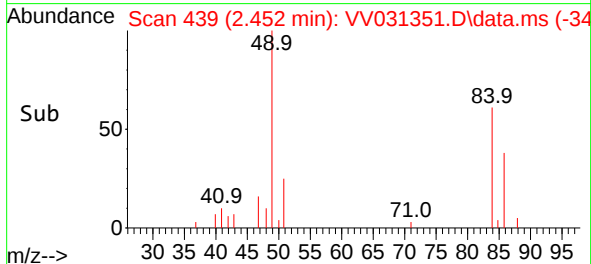
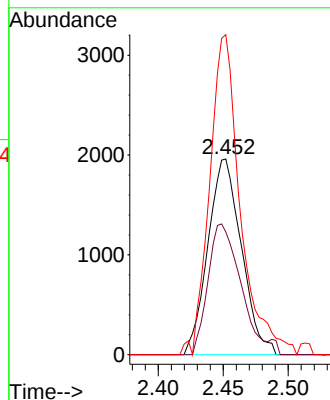
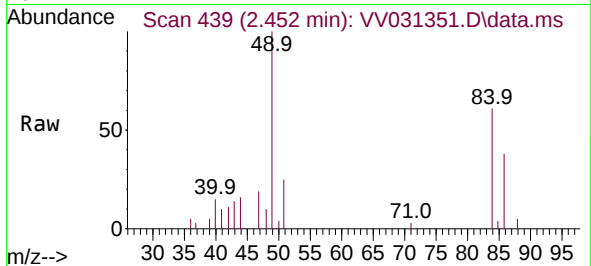




#16
Methylene chloride
Concen: 0.249 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50

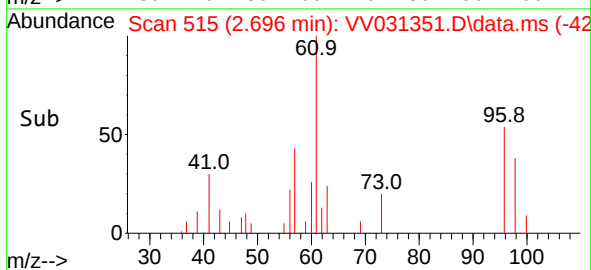
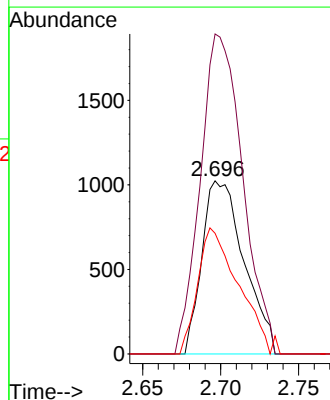
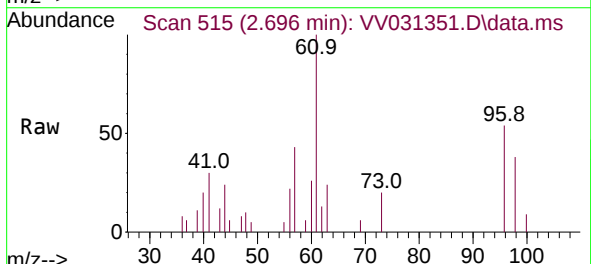
Instrument :
MSVOA_V
ClientSampleId :
F6C30

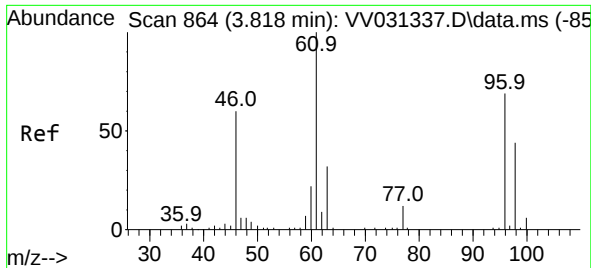
Tgt Ion: 84 Resp: 3517
Ion Ratio Lower Upper
84 100
86 62.7 46.7 86.7
49 163.5 101.6 188.8



#18
trans-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50

Tgt Ion: 96 Resp: 1920
Ion Ratio Lower Upper
96 100
61 184.9 114.2 212.0
98 69.7 45.0 83.6

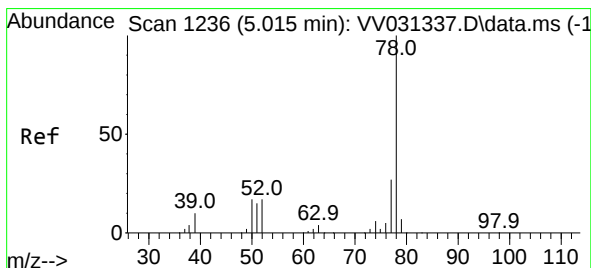
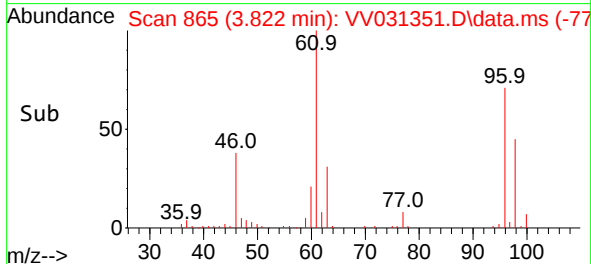
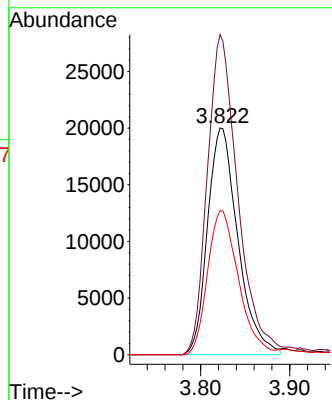
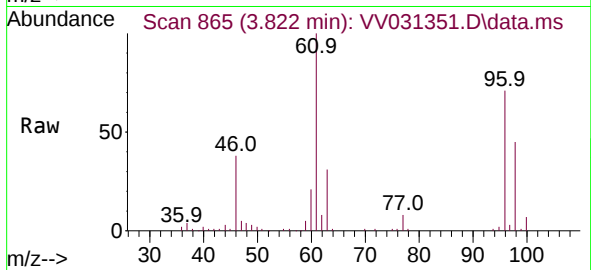




#22
 cis-1,2-Dichloroethene
 Concen: 4.233 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV031351.D
 Acq: 05 Jun 2023 16:50

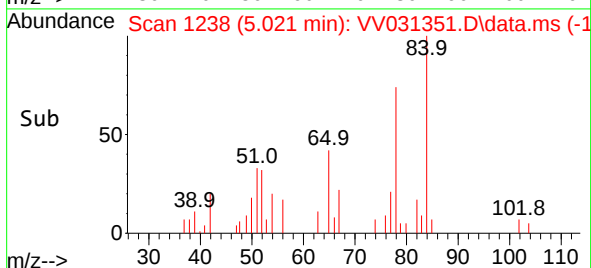
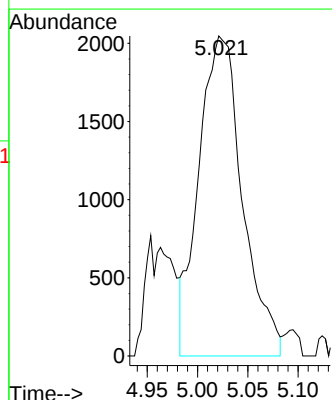
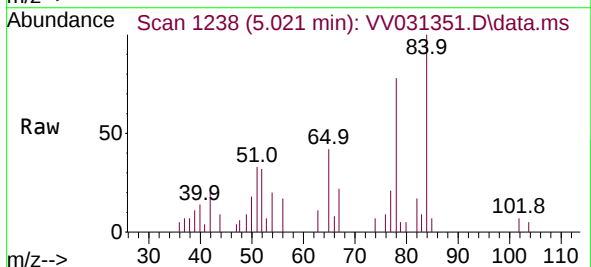
Instrument :
 MSVOA_V
 ClientSampleId :
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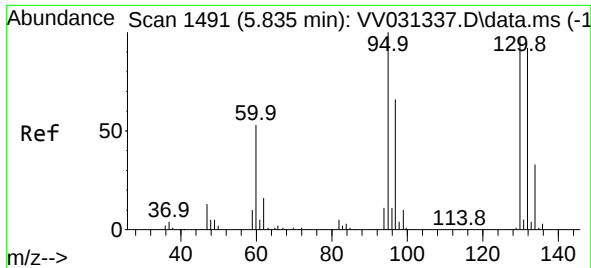
Tgt Ion: 96 Resp: 47345
 Ion Ratio Lower Upper
 96 100
 61 141.1 100.8 187.2
 98 63.5 45.1 83.9



#33
 Benzene
 Concen: 0.134 ug/L
 RT: 5.021 min Scan# 1238
 Delta R.T. 0.006 min
 Lab File: VV031351.D
 Acq: 05 Jun 2023 16:50

Tgt Ion: 78 Resp: 6182



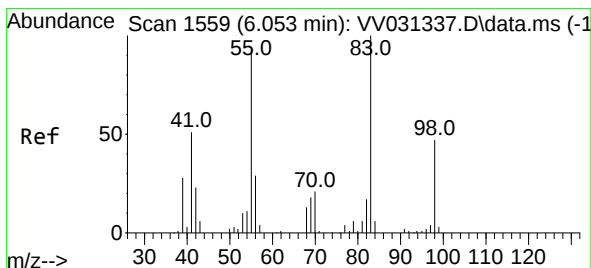
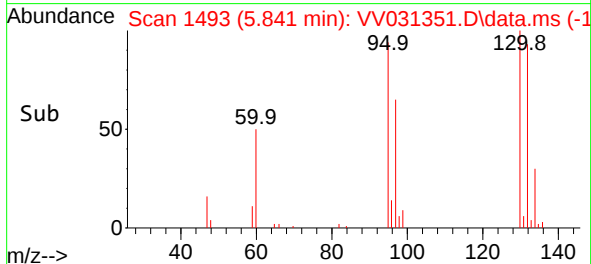
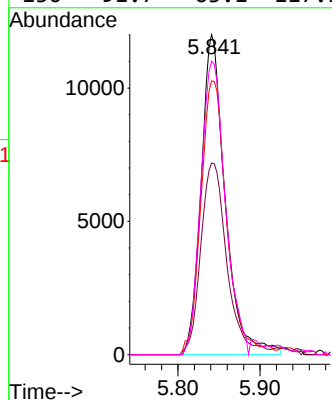
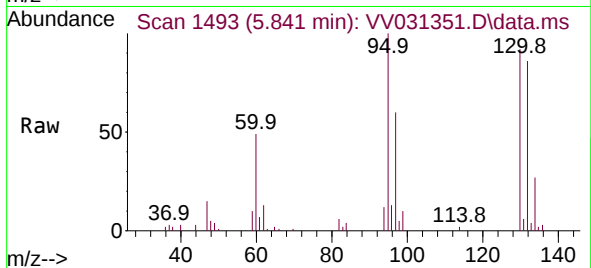


#34
Trichloroethene
Concen: 1.963 ug/L
RT: 5.841 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50

Instrument :
MSVOA_V
ClientSampleId :
F6C30

Tgt Ion: 95 Resp: 24458

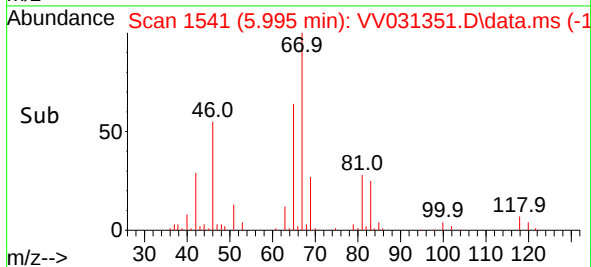
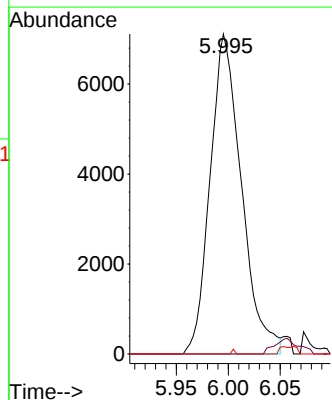
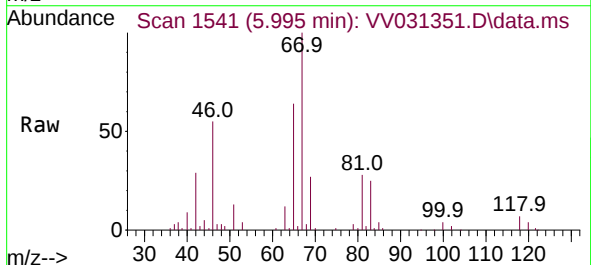
Ion	Ratio	Lower	Upper
95	100		
97	59.9	46.1	85.5
132	85.6	64.5	119.9
130	91.7	63.1	117.1

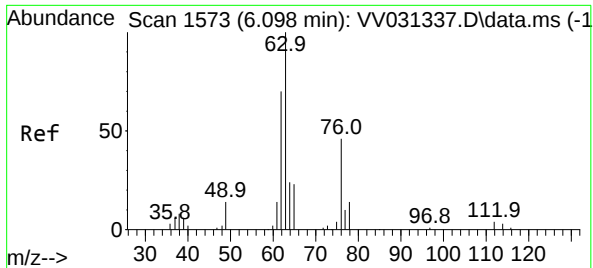


#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50

Tgt Ion: 83 Resp: 14910

Ion	Ratio	Lower	Upper
83	100		
55	3.7	74.6	112.0#
98	1.2	36.5	54.7#





#37

1,2-Dichloropropane

Concen: 0.522 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031351.D

Acq: 05 Jun 2023 16:50

Instrument :

MSVOA_V

ClientSampleId :

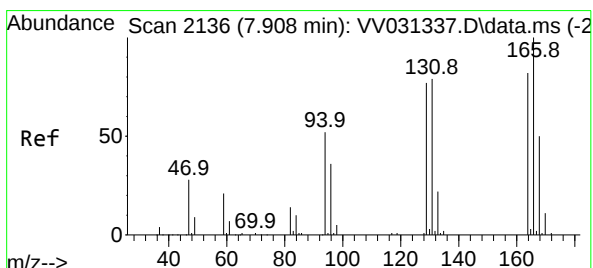
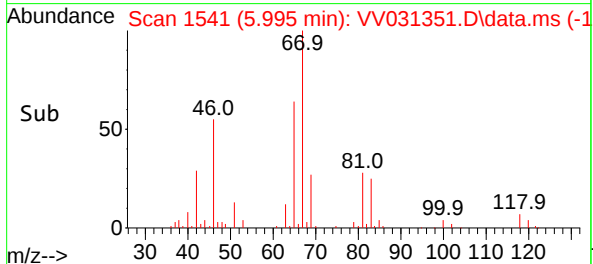
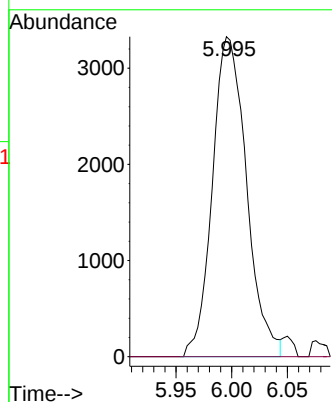
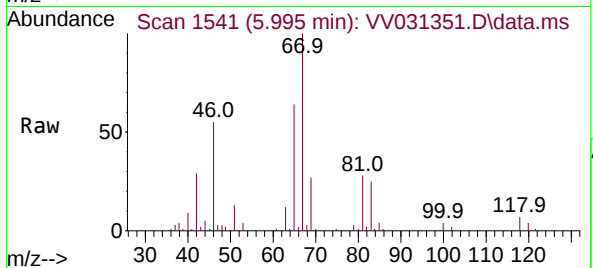
F6C30

Tgt Ion: 63 Resp: 7081

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 1.400 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031351.D

Acq: 05 Jun 2023 16:50

Tgt Ion:164 Resp: 13592

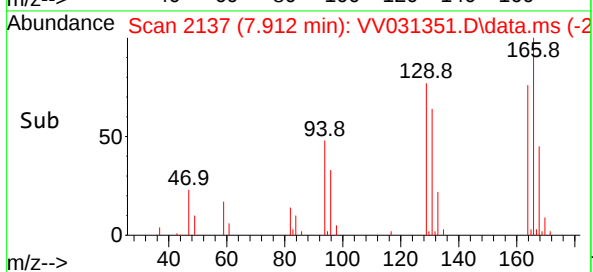
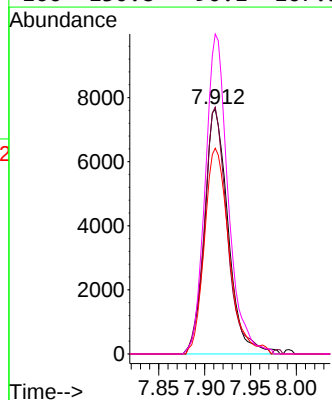
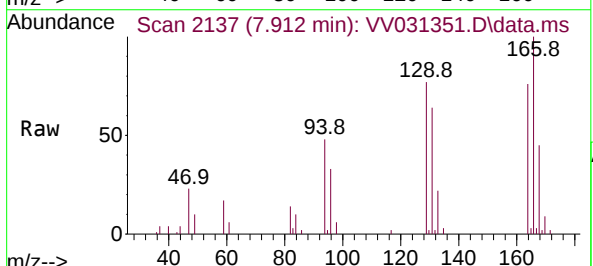
Ion Ratio Lower Upper

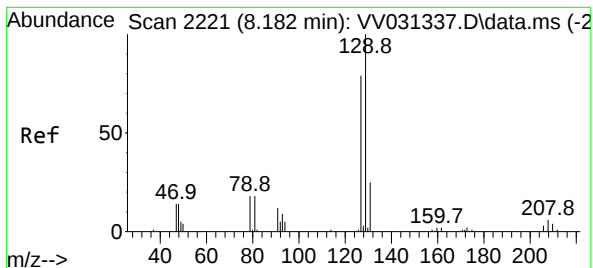
164 100

129 100.9 66.0 122.6

131 84.1 65.3 121.3

166 130.8 90.1 167.3





#49

Dibromochloromethane

Concen: 1.268 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031351.D

Acq: 05 Jun 2023 16:50

Instrument :

MSVOA_V

ClientSampleId :

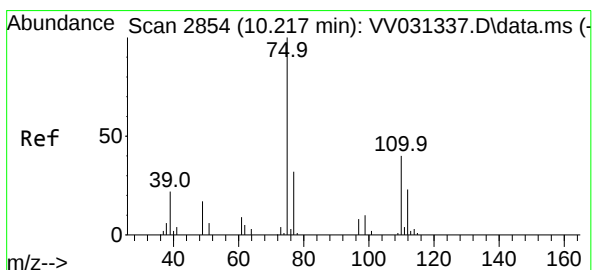
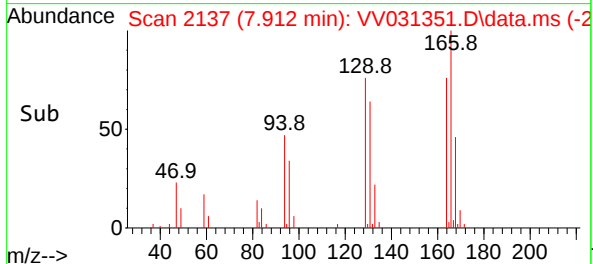
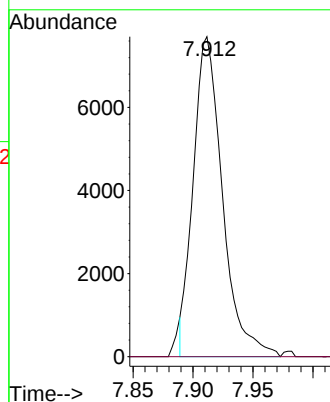
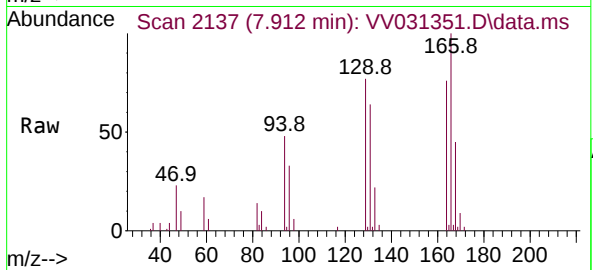
F6C30

Tgt Ion:129 Resp: 13051

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 0.986 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV031351.D

Acq: 05 Jun 2023 16:50

Tgt Ion: 75 Resp: 7040

Ion Ratio Lower Upper

75 100

77 34.6 27.3 40.9

110 1.9 29.4 44.0#

