

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031371.D
 Acq On : 06 Jun 2023 13:34
 Operator : SY/MD
 Sample : 03000-04DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C28DL

Quant Time: Jun 07 02:02:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

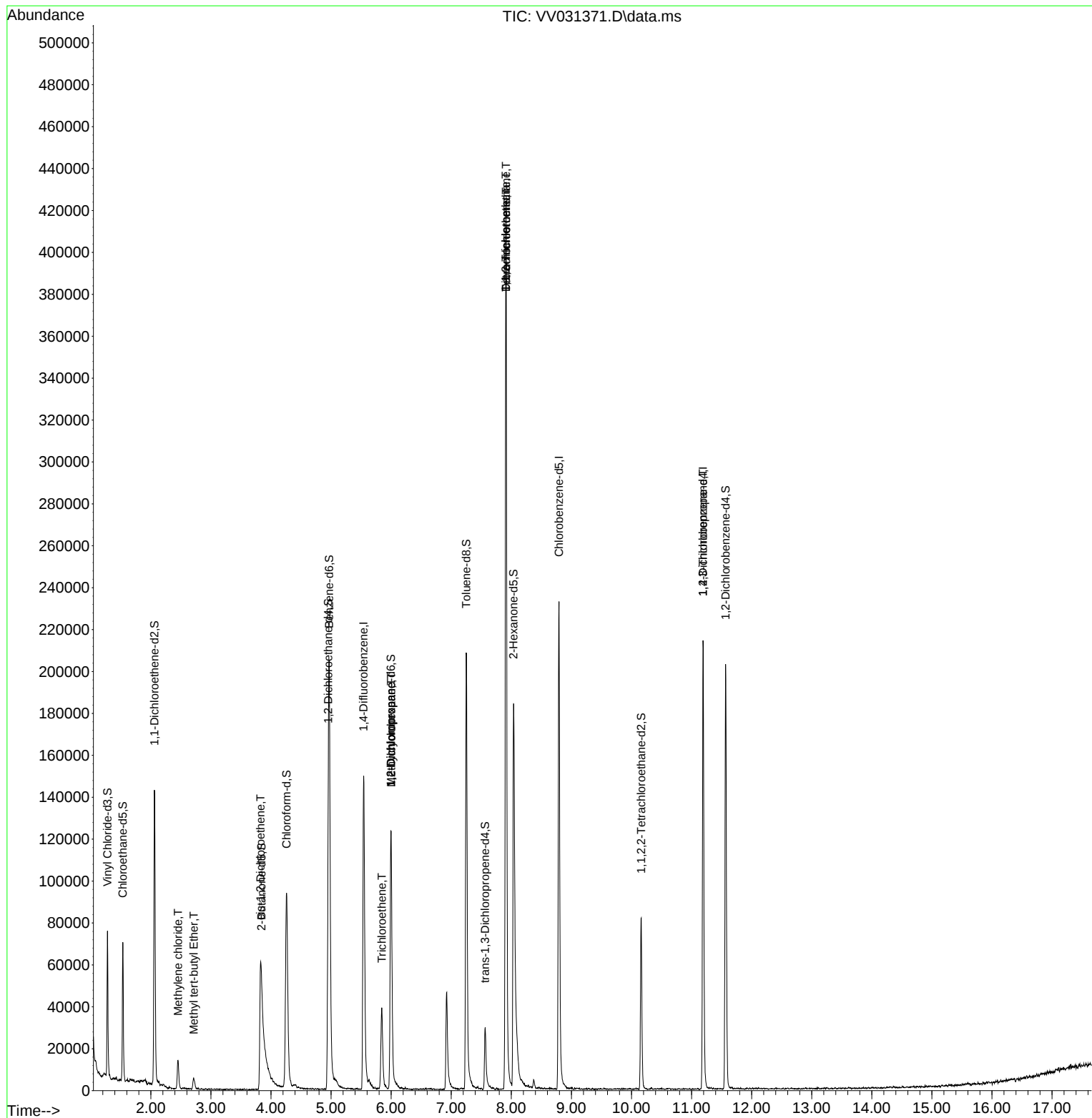
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124326	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	124959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	56590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44900	3.550	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.532	69	43053	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.060	65	24971	4.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.841	46	109052	37.255	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.520%
24) Chloroform-d	4.259	84	103216	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.953	65	52802	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.969	84	177078	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.995	67	61365	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.249	98	144859	4.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.564	79	19024	4.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.037	63	69368	36.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39134	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	52008	4.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	5355	0.379	ug/L	87
17) Methyl tert-butyl Ether	2.716	73	4437	0.168	ug/L #	87
22) cis-1,2-Dichloroethene	3.825	96	16612	1.488	ug/L	95
34) Trichloroethene	5.844	95	13273	1.105	ug/L	94
35) Methylcyclohexane	5.998	83	15033	0.841	ug/L #	14
37) 1,2-Dichloropropane	5.998	63	7423	0.567	ug/L #	87
45) 1,1,2-Trichloroethane	7.908	97	871	0.098	ug/L #	7
47) Tetrachloroethene	7.911	164	93363	9.975	ug/L	98
49) Dibromochloromethane	7.911	129	88870	8.958	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6637	0.960	ug/L #	67

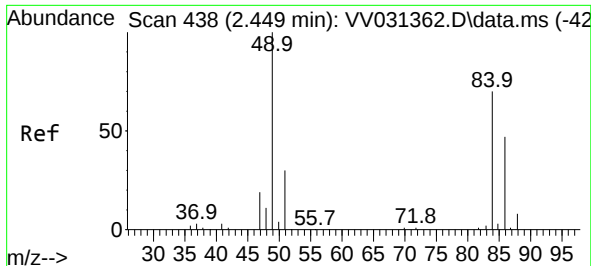
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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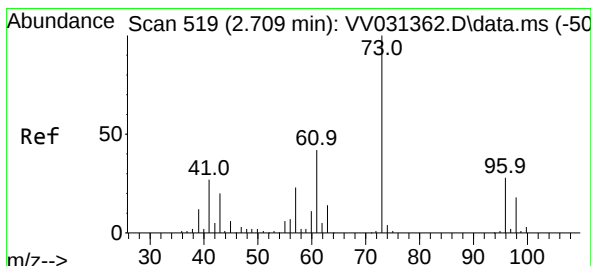
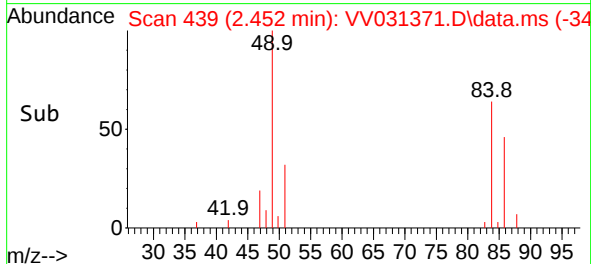
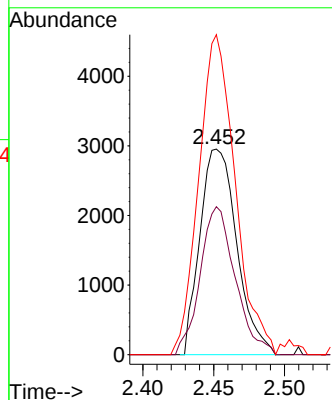
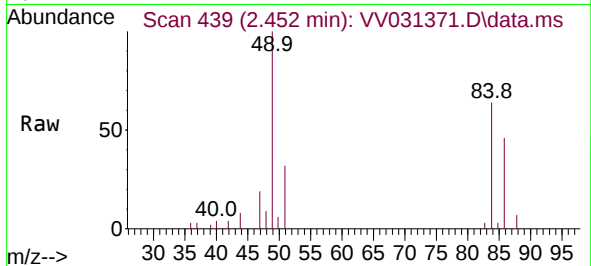




#16
Methylene chloride
Concen: 0.379 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031371.D
Acq: 06 Jun 2023 13:34

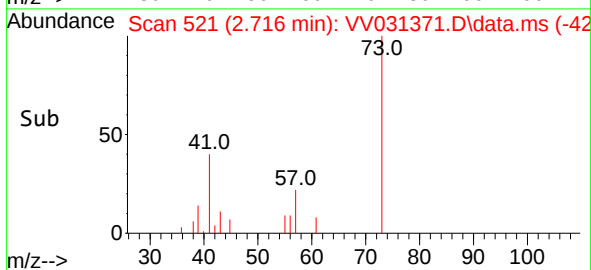
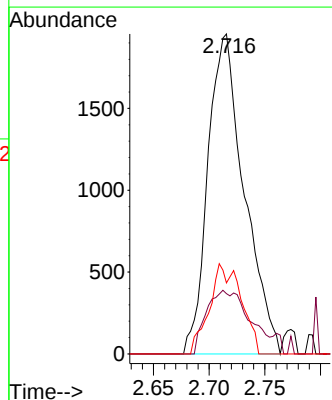
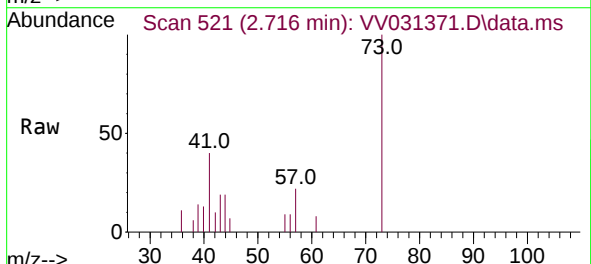
Instrument :
MSVOA_V
ClientSampleId :
F6C28DL

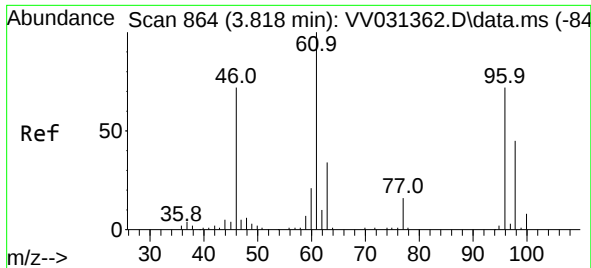
Tgt Ion: 84 Resp: 5355
Ion Ratio Lower Upper
84 100
86 72.0 46.7 86.7
49 164.4 101.6 188.8



#17
Methyl tert-butyl Ether
Concen: 0.168 ug/L
RT: 2.716 min Scan# 521
Delta R.T. 0.006 min
Lab File: VV031371.D
Acq: 06 Jun 2023 13:34

Tgt Ion: 73 Resp: 4437
Ion Ratio Lower Upper
73 100
43 23.5 17.8 26.8
57 13.5 19.8 29.8#





#22

cis-1,2-Dichloroethene

Concen: 1.488 ug/L

RT: 3.825 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV031371.D

Acq: 06 Jun 2023 13:34

Instrument :

MSVOA_V

ClientSampleId :

F6C28DL

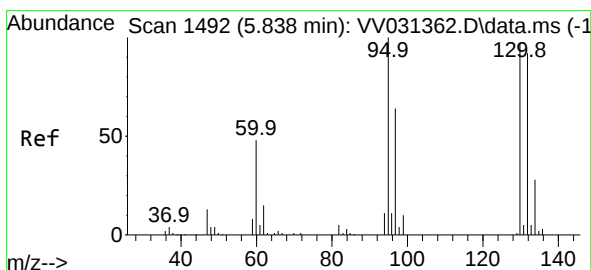
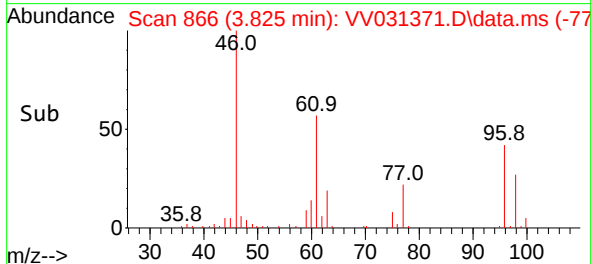
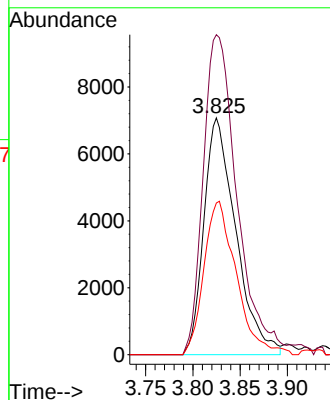
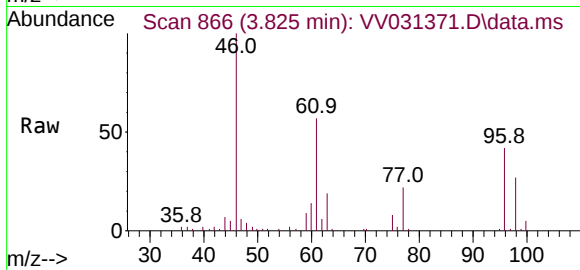
Tgt Ion: 96 Resp: 16612

Ion Ratio Lower Upper

96 100

61 135.1 100.8 187.2

98 64.0 45.1 83.9



#34

Trichloroethene

Concen: 1.105 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VV031371.D

Acq: 06 Jun 2023 13:34

Tgt Ion: 95 Resp: 13273

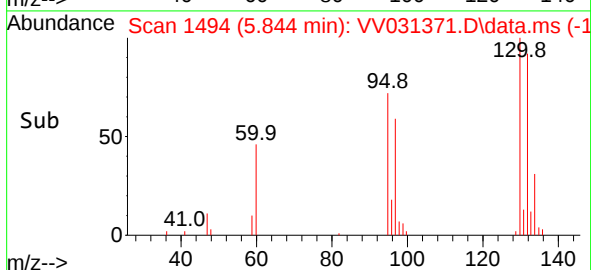
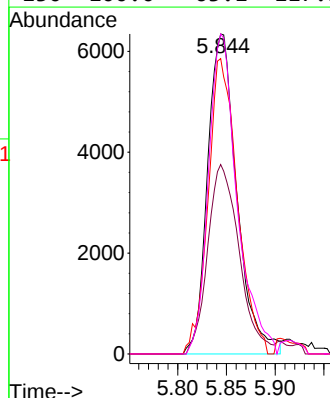
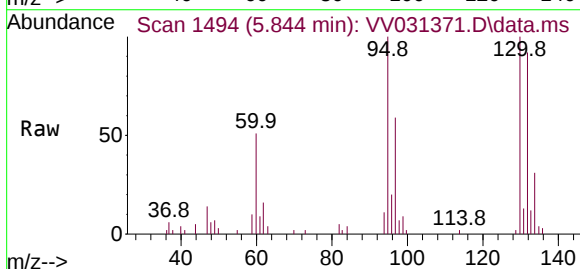
Ion Ratio Lower Upper

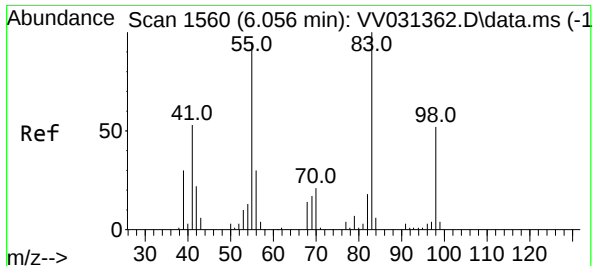
95 100

97 59.2 46.1 85.5

132 92.3 64.5 119.9

130 100.0 63.1 117.1

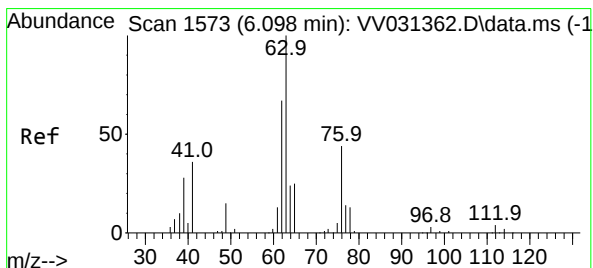
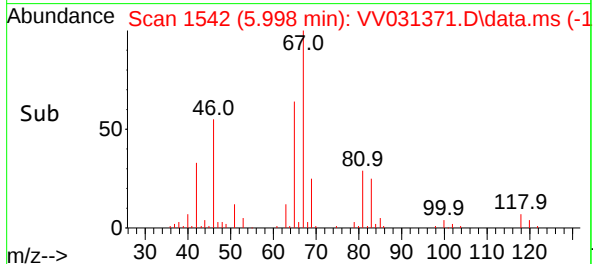
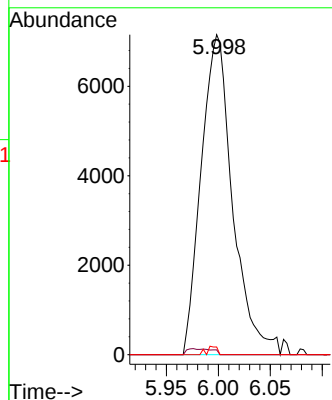
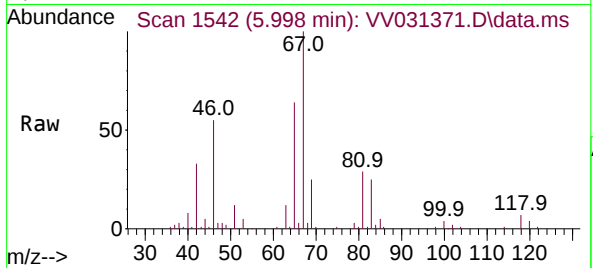




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031371.D
Acq: 06 Jun 2023 13:34

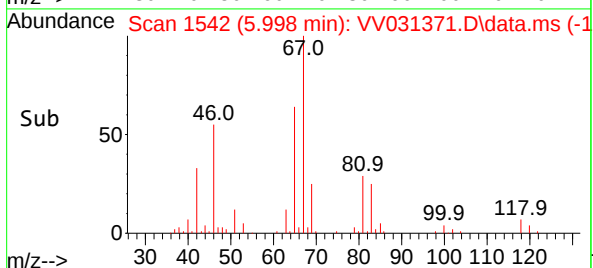
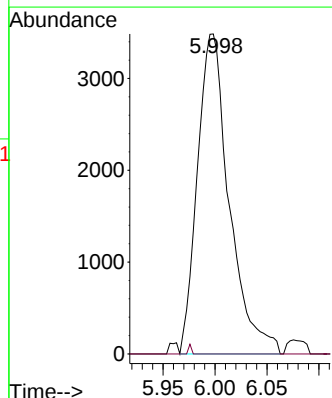
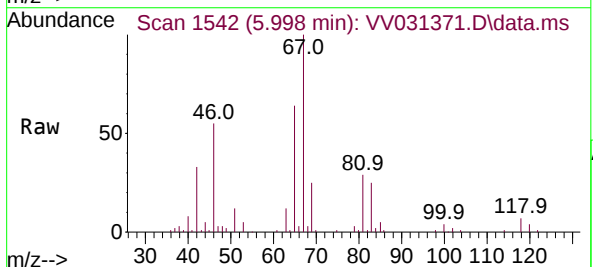
Instrument :
MSVOA_V
ClientSampleId :
F6C28DL

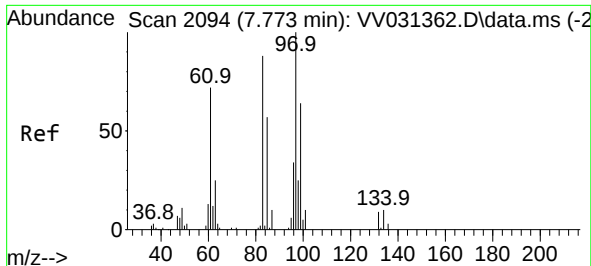
Tgt Ion: 83 Resp: 15033
Ion Ratio Lower Upper
83 100
55 1.5 74.6 112.0#
98 0.8 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.100 min
Lab File: VV031371.D
Acq: 06 Jun 2023 13:34

Tgt Ion: 63 Resp: 7423
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#

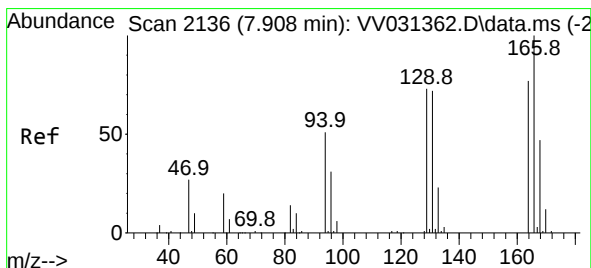
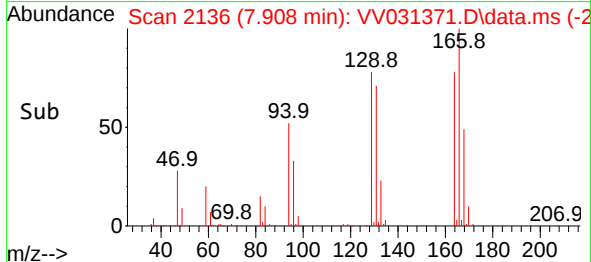
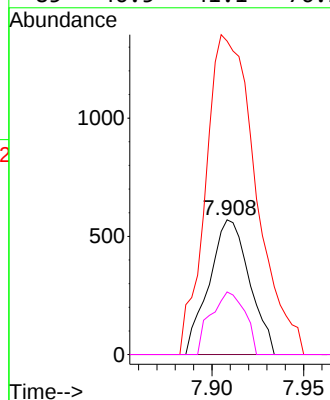
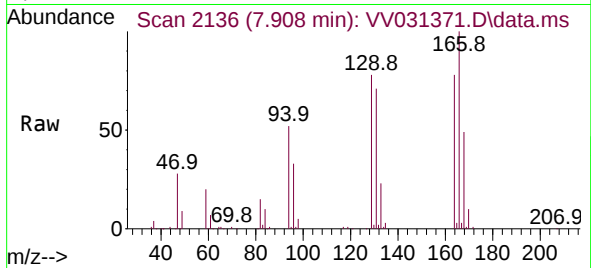




#45
1,1,2-Trichloroethane
Concen: 0.098 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.135 min
Lab File: VV031371.D
Acq: 06 Jun 2023 13:34

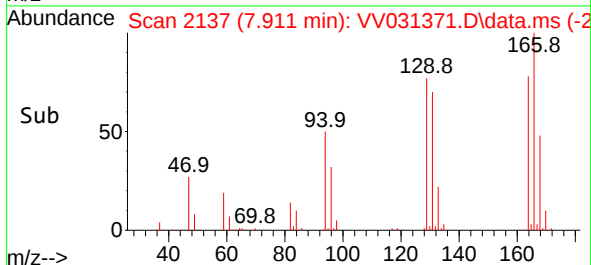
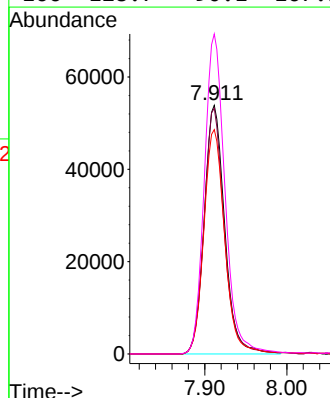
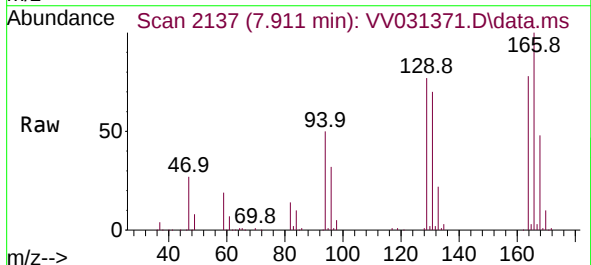
Instrument :
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ClientSampleId :
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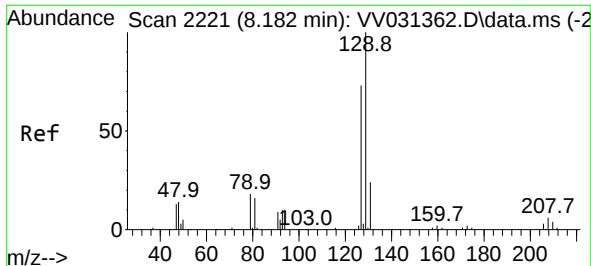
Tgt Ion: 97	Resp:	871
Ion Ratio	Lower	Upper
97	100	
99	0.0	43.1 80.1#
83	232.6	63.1 117.1#
85	46.5	41.1 76.3



#47
Tetrachloroethene
Concen: 9.975 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031371.D
Acq: 06 Jun 2023 13:34

Tgt Ion: 164	Resp:	93363
Ion Ratio	Lower	Upper
164	100	
129	98.8	66.0 122.6
131	90.2	65.3 121.3
166	128.7	90.1 167.3





#49

Dibromochloromethane

Concen: 8.958 ug/L

RT: 7.911 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV031371.D

Acq: 06 Jun 2023 13:34

Instrument :

MSVOA_V

ClientSampleId :

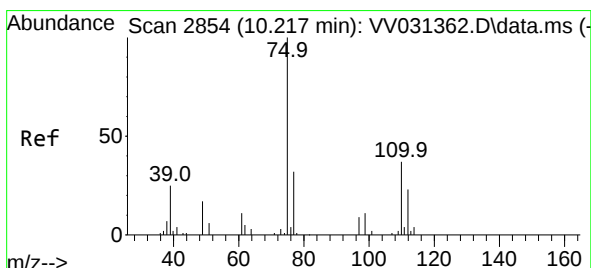
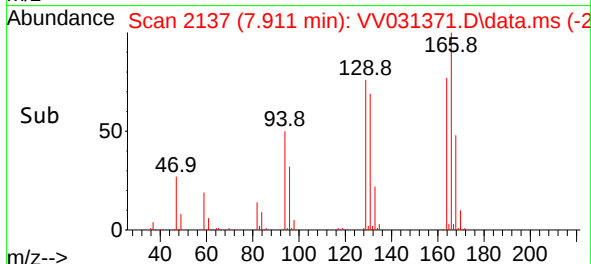
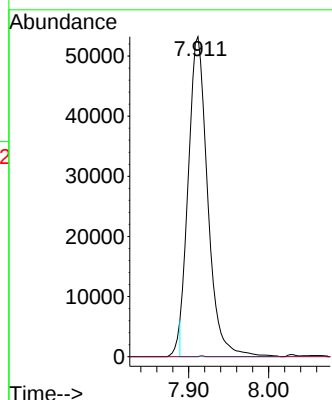
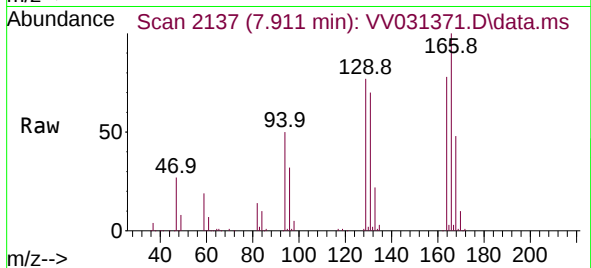
F6C28DL

Tgt Ion:129 Resp: 88870

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 0.960 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031371.D

Acq: 06 Jun 2023 13:34

Tgt Ion: 75 Resp: 6637

Ion Ratio Lower Upper

75 100

77 37.7 27.3 40.9

110 2.9 29.4 44.0#

