

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031373.D
 Acq On : 06 Jun 2023 14:22
 Operator : SY/MD
 Sample : 02990-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C35

Quant Time: Jun 07 02:02:37 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)

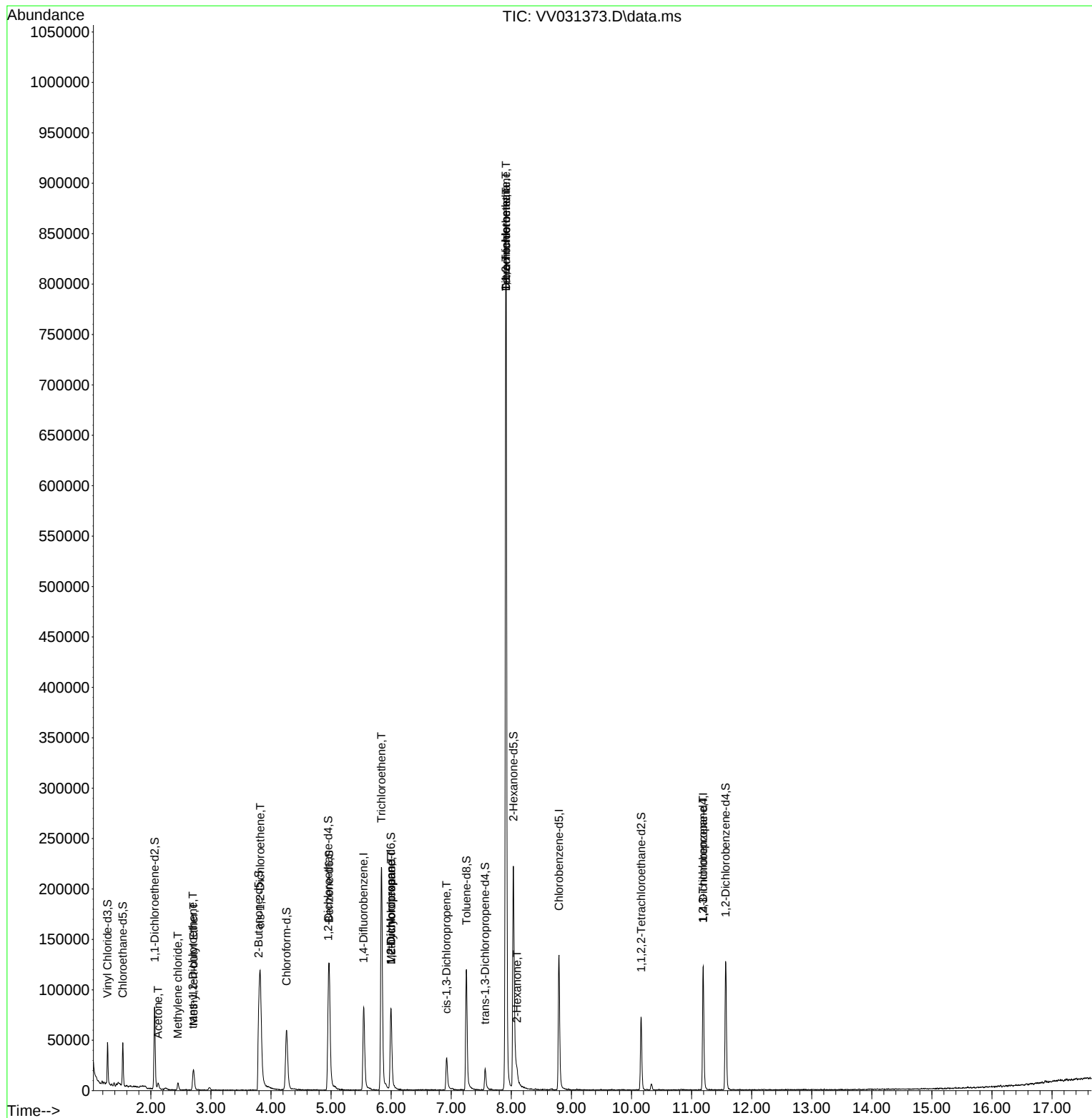
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	68848	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	72538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	33241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26510	3.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.532	69	26594	4.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.063	65	14590	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.796	46	122234	75.408	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.820%#
24) Chloroform-d	4.259	84	65484	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
26) 1,2-Dichloroethane-d4	4.953	65	40730	6.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.000%
32) Benzene-d6	4.969	84	105050	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.995	67	38882	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.252	98	82202	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.564	79	12867	4.745	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.034	63	74972	68.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.640%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	35651	6.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.000%#
66) 1,2-Dichlorobenzene-d4	11.567	152	33335	5.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
13) Acetone	2.121	43	5200	2.776	ug/L	92
16) Methylene chloride	2.449	84	2951	0.377	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	16709	1.140	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	962	0.158	ug/L #	83
22) cis-1,2-Dichloroethene	3.822	96	45027	7.284	ug/L	96
34) Trichloroethene	5.838	95	81030	11.622	ug/L	97
35) Methylcyclohexane	5.998	83	9330	0.899	ug/L #	14
37) 1,2-Dichloropropane	5.998	63	4700	0.619	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	882	0.088	ug/L #	81
45) 1,1,2-Trichloroethane	7.908	97	1845	0.358	ug/L #	8
47) Tetrachloroethene	7.911	164	192481	35.428	ug/L	98
48) 2-Hexanone	8.095	43	9968	2.816	ug/L #	84
49) Dibromochloromethane	7.911	129	179222	31.120	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	3937	0.969	ug/L #	69

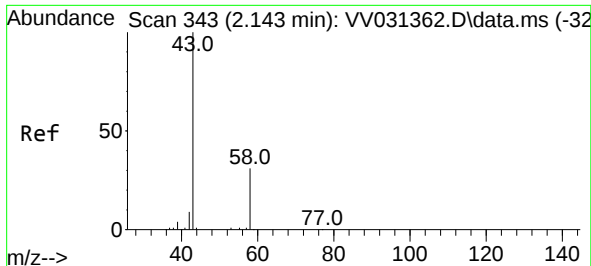
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060623\
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QLast Update : Wed Jun 07 01:59:39 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.776 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

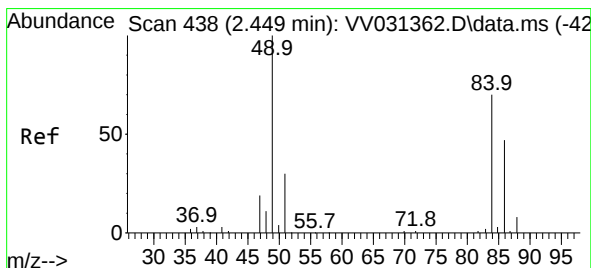
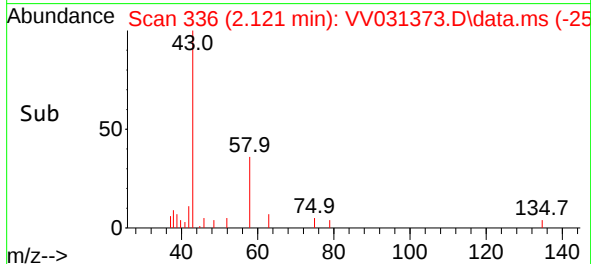
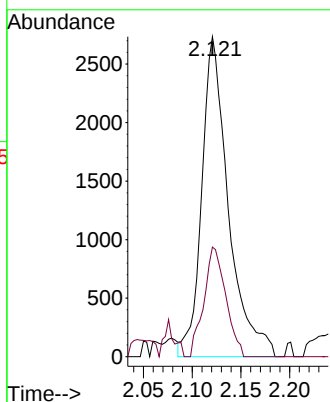
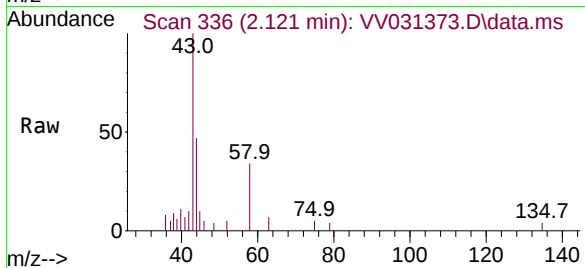
F6C35

Tgt Ion: 43 Resp: 5200

Ion Ratio Lower Upper

43 100

58 28.0 0.0 48.4



#16

Methylene chloride

Concen: 0.377 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

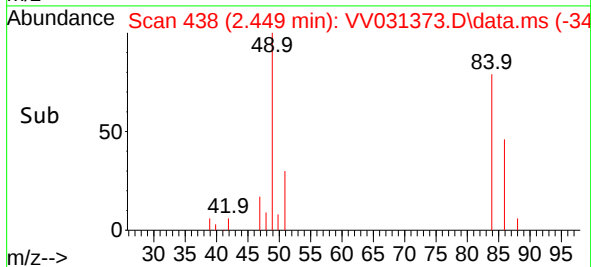
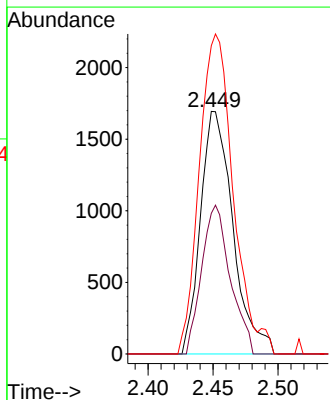
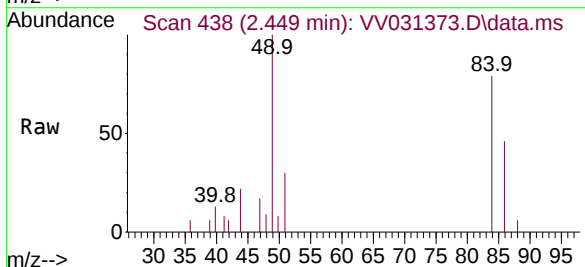
Tgt Ion: 84 Resp: 2951

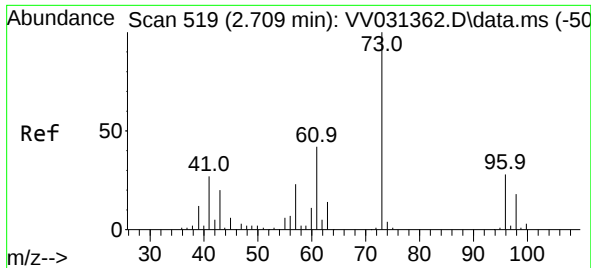
Ion Ratio Lower Upper

84 100

86 58.0 46.7 86.7

49 137.5 101.6 188.8





#17

Methyl tert-butyl Ether

Concen: 1.140 ug/L

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

F6C35

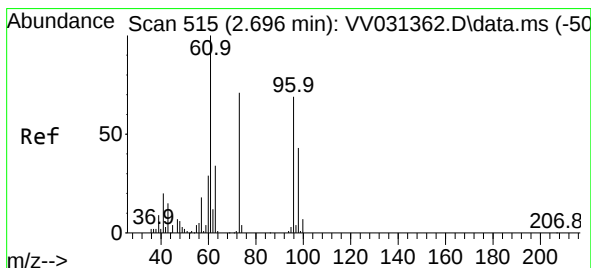
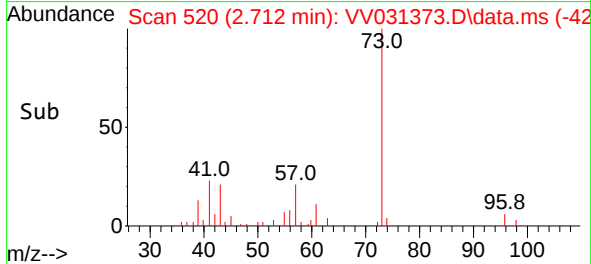
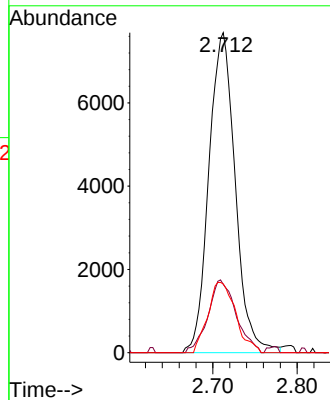
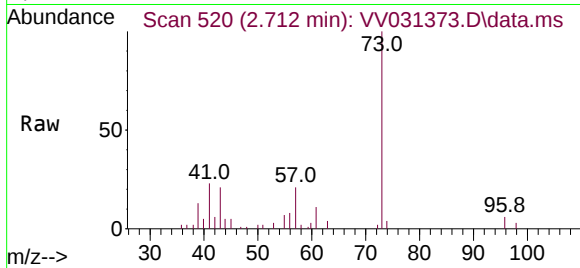
Tgt Ion: 73 Resp: 16709

Ion Ratio Lower Upper

73 100

43 24.2 17.8 26.8

57 23.2 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 0.158 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

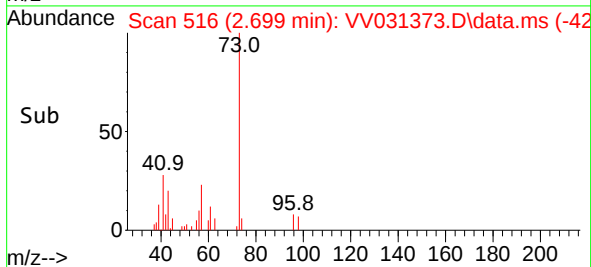
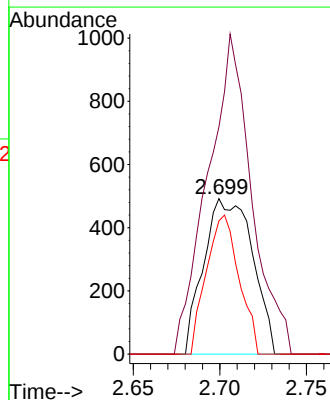
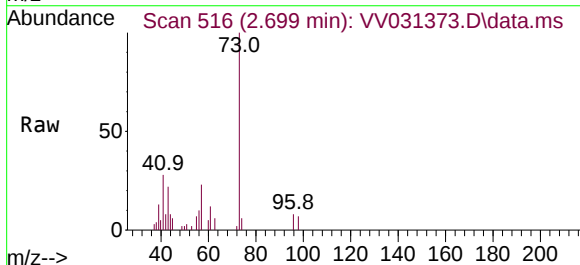
Tgt Ion: 96 Resp: 962

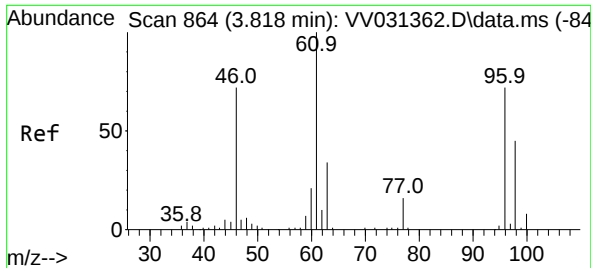
Ion Ratio Lower Upper

96 100

61 146.1 114.2 212.0

98 85.6 45.0 83.6#

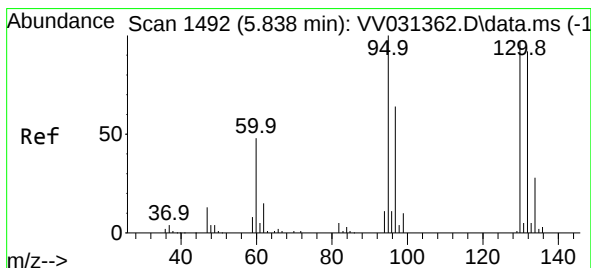
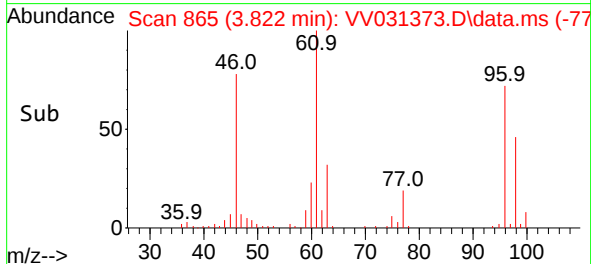
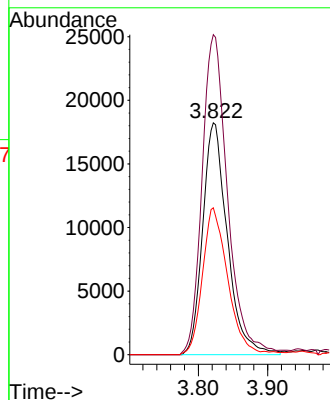
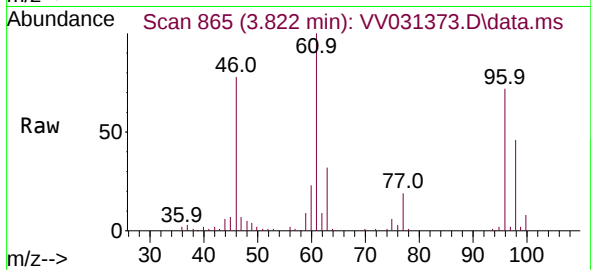




#22
cis-1,2-Dichloroethene
Concen: 7.284 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031373.D
Acq: 06 Jun 2023 14:22

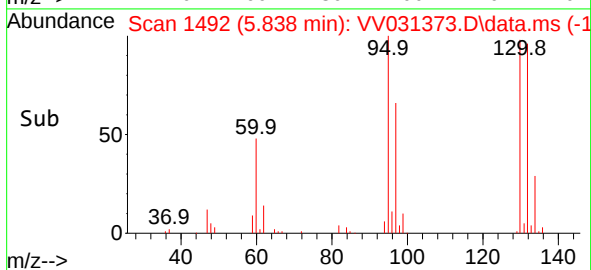
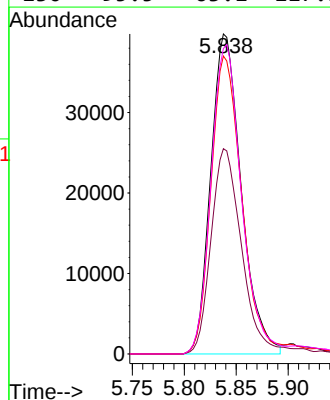
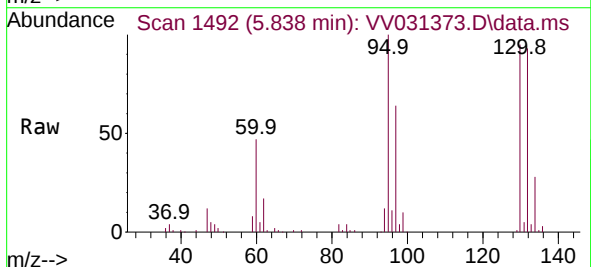
Instrument :
MSVOA_V
ClientSampleId :
F6C35

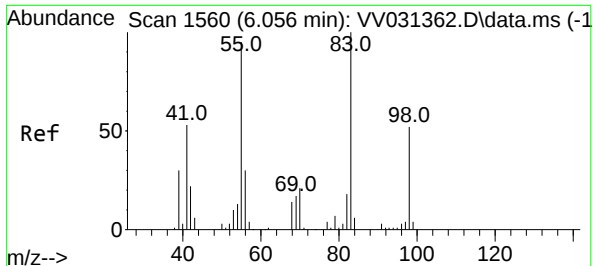
Tgt Ion: 96 Resp: 45027
Ion Ratio Lower Upper
96 100
61 138.1 100.8 187.2
98 63.4 45.1 83.9



#34
Trichloroethene
Concen: 11.622 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV031373.D
Acq: 06 Jun 2023 14:22

Tgt Ion: 95 Resp: 81030
Ion Ratio Lower Upper
95 100
97 64.2 46.1 85.5
132 93.1 64.5 119.9
130 95.5 63.1 117.1

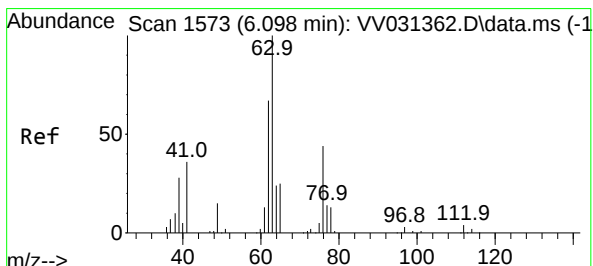
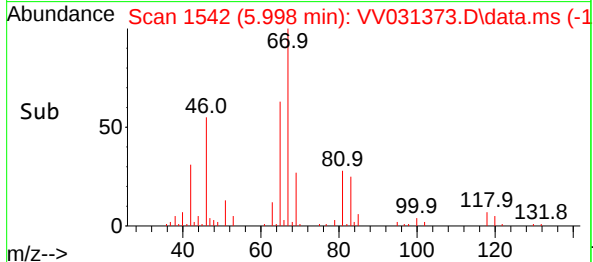
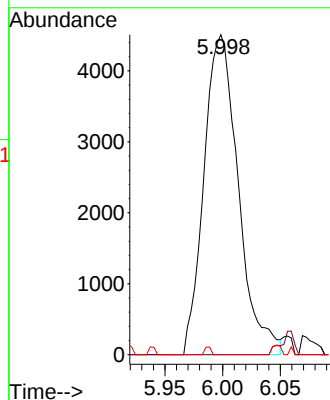
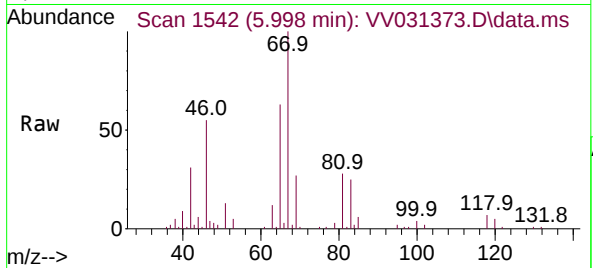




#35
Methylcyclohexane
Concen: 0.899 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031373.D
Acq: 06 Jun 2023 14:22

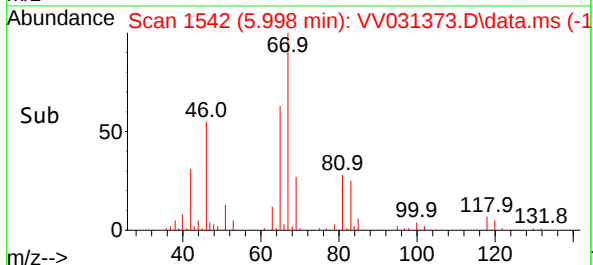
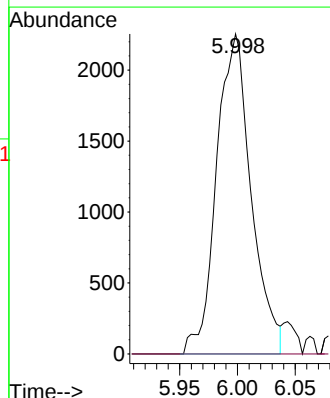
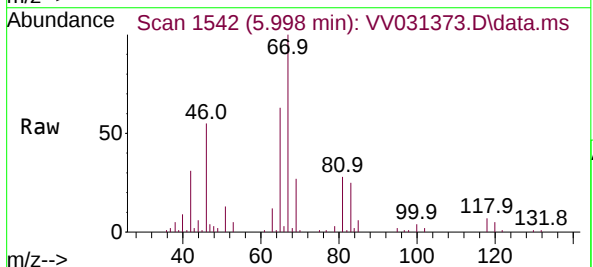
Instrument :
MSVOA_V
ClientSampleId :
F6C35

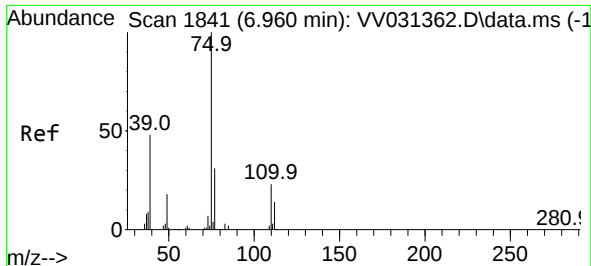
Tgt Ion: 83 Resp: 9330
Ion Ratio Lower Upper
83 100
55 2.7 74.6 112.0#
98 0.0 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.100 min
Lab File: VV031373.D
Acq: 06 Jun 2023 14:22

Tgt Ion: 63 Resp: 4700
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

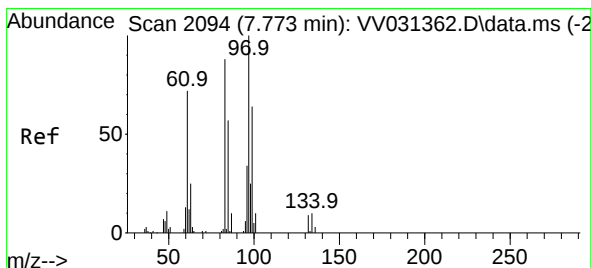
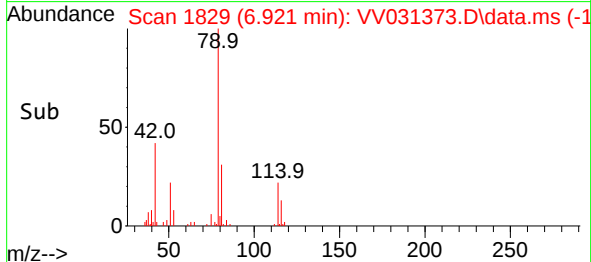
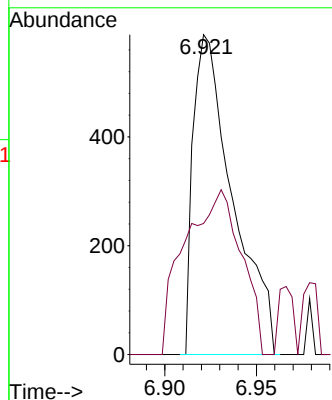
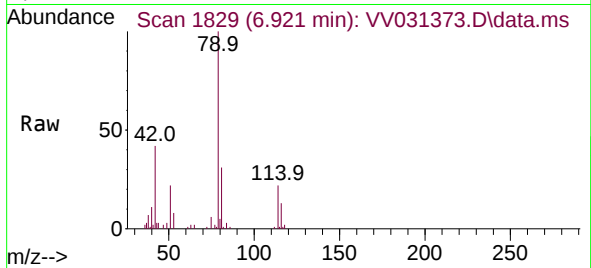
F6C35

Tgt Ion: 75 Resp: 882

Ion Ratio Lower Upper

75 100

77 41.0 21.3 39.5#



#45

1,1,2-Trichloroethane

Concen: 0.358 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.135 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Tgt Ion: 97 Resp: 1845

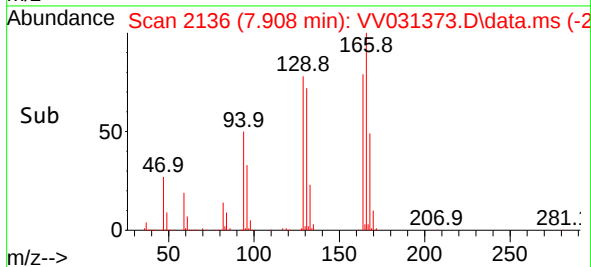
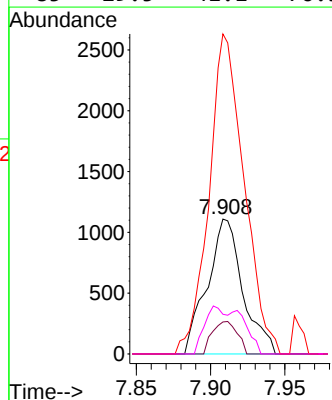
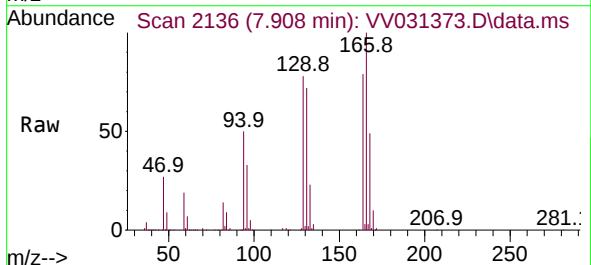
Ion Ratio Lower Upper

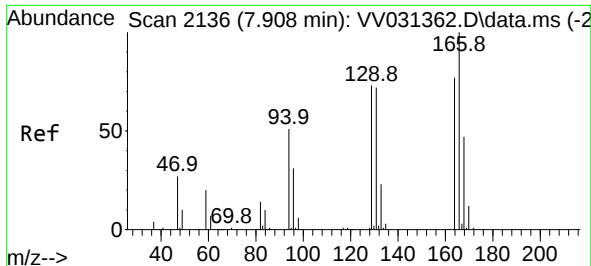
97 100

99 23.7 43.1 80.1#

83 237.3 63.1 117.1#

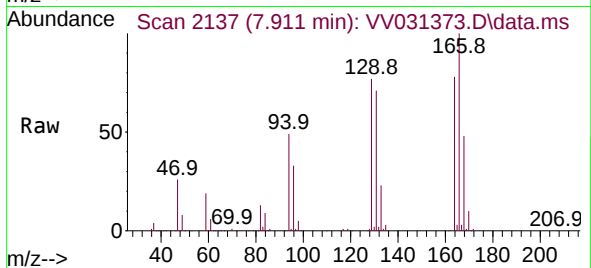
85 29.5 41.1 76.3#





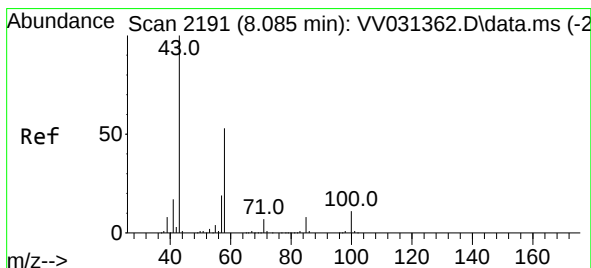
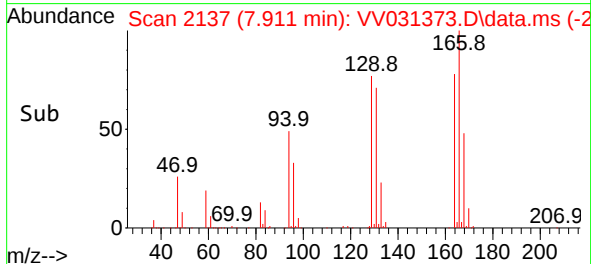
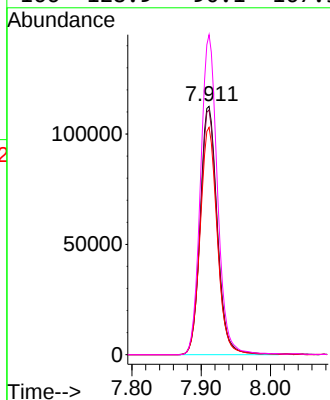
#47
Tetrachloroethene
Concen: 35.428 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031373.D
Acq: 06 Jun 2023 14:22

Instrument :
MSVOA_V
ClientSampleId :
F6C35



Tgt Ion:164 Resp: 192481

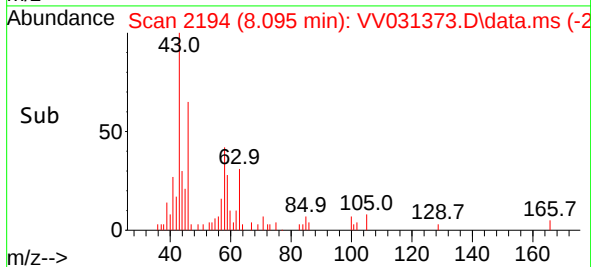
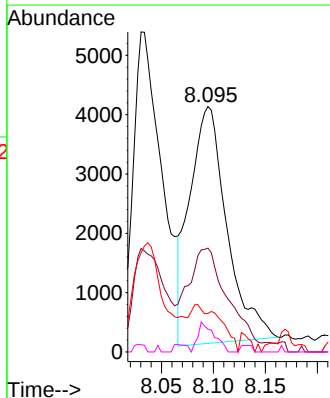
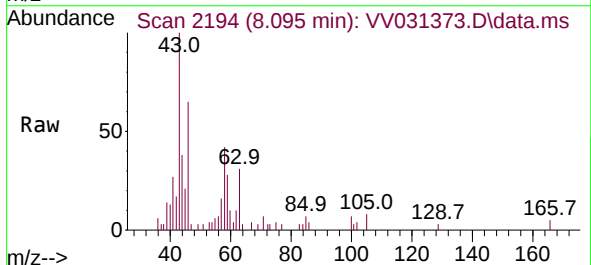
Ion	Ratio	Lower	Upper
164	100		
129	98.6	66.0	122.6
131	91.5	65.3	121.3
166	128.9	90.1	167.3

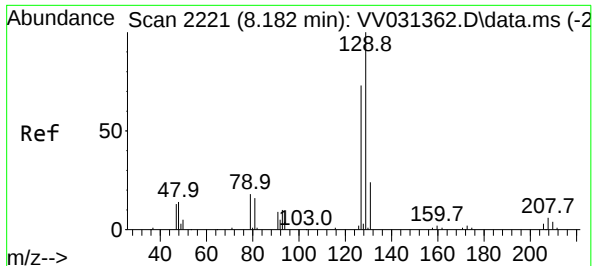


#48
2-Hexanone
Concen: 2.816 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.010 min
Lab File: VV031373.D
Acq: 06 Jun 2023 14:22

Tgt Ion: 43 Resp: 9968

Ion	Ratio	Lower	Upper
43	100		
58	44.1	41.1	61.7
57	2.0	14.4	21.6#
100	5.5	7.8	11.6#





#49

Dibromochloromethane

Concen: 31.120 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

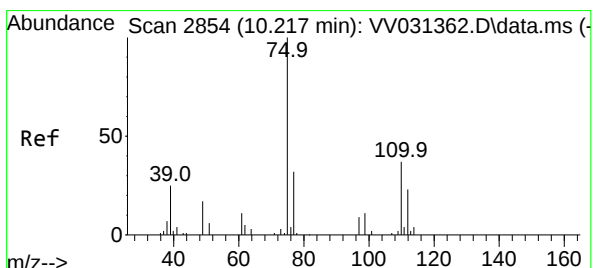
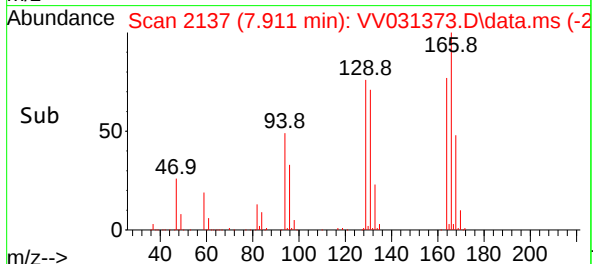
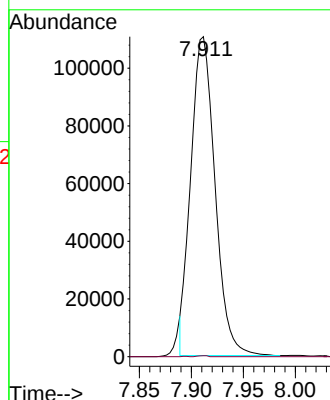
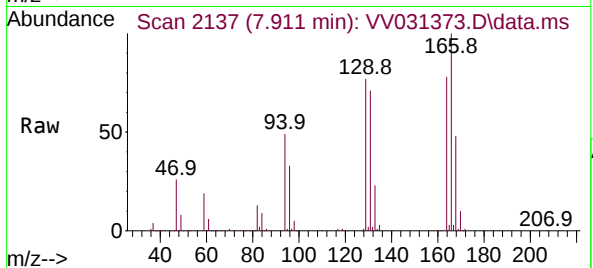
F6C35

Tgt Ion:129 Resp: 179222

Ion Ratio Lower Upper

129 100

127 0.3 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 0.969 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031373.D

Acq: 06 Jun 2023 14:22

Tgt Ion: 75 Resp: 3937

Ion Ratio Lower Upper

75 100

77 33.2 27.3 40.9

110 1.7 29.4 44.0#

