

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031339.D
 Acq On : 05 Jun 2023 11:32
 Operator : SY/MD
 Sample : 03000-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C03

Quant Time: Jun 06 02:06:57 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)

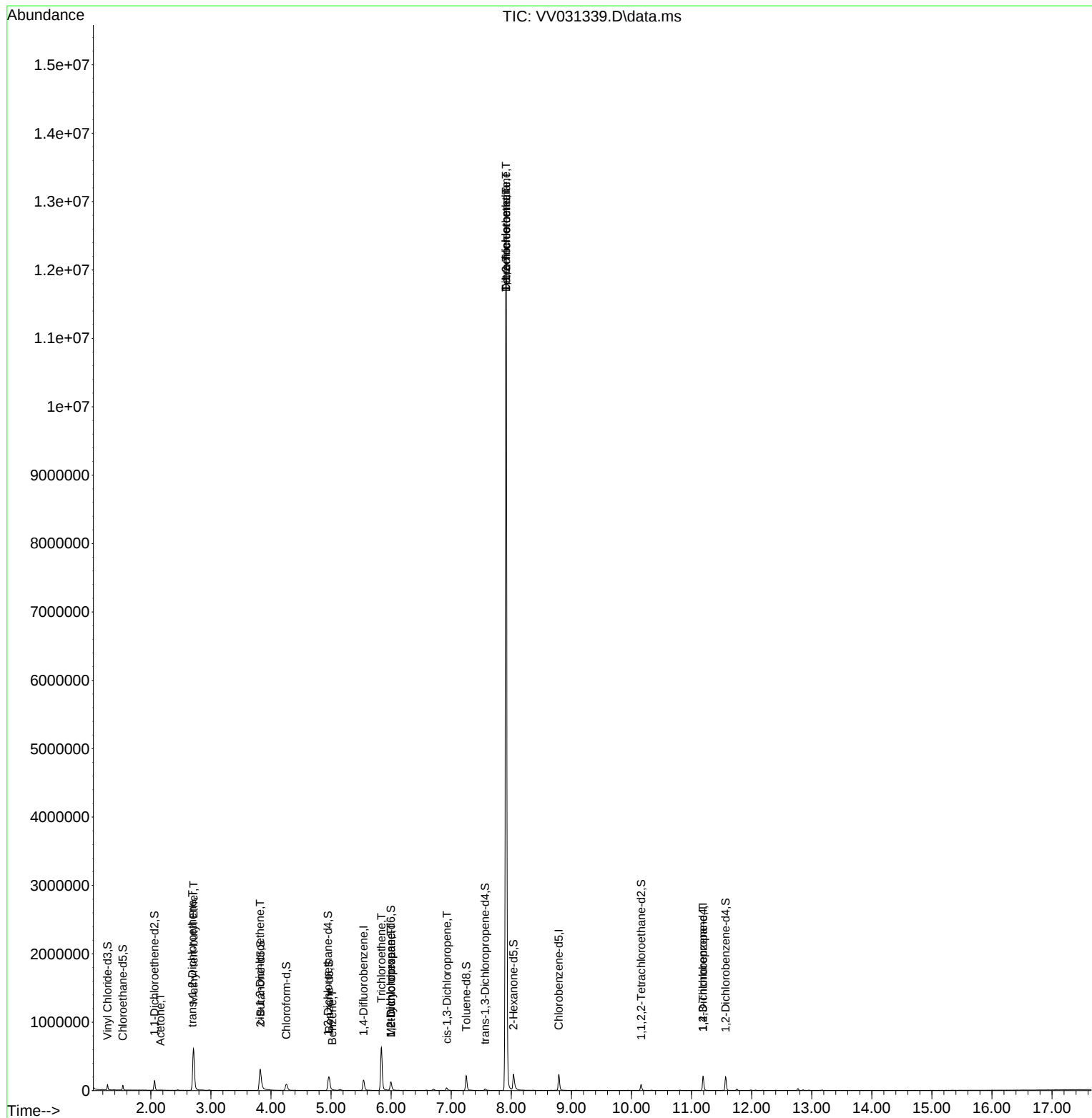
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124042	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	127195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49863	3.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.532	69	43625	4.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.060	65	25404	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.828	46	115208	39.449	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.900%
24) Chloroform-d	4.256	84	99294	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.950	65	52665	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.966	84	176102	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	5.995	67	61062	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.249	98	145188	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.564	79	14398	3.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.600%
46) 2-Hexanone-d5	8.037	63	84245	44.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.200%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41949	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	51210	4.943	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
13) Acetone	2.159	43	6517	1.931	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	603043	22.835	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	1412	0.128	ug/L #	80
22) cis-1,2-Dichloroethene	3.818	96	148733	13.355	ug/L	99
33) Benzene	5.021	78	7515	0.166	ug/L	100
34) Trichloroethene	5.838	95	230460	18.851	ug/L	96
35) Methylcyclohexane	5.995	83	14827	0.815	ug/L #	12
37) 1,2-Dichloropropane	5.995	63	7400	0.555	ug/L #	88
39) cis-1,3-Dichloropropene	6.931	75	1159	0.066	ug/L	96
45) 1,1,2-Trichloroethane	7.911	97	25470	2.817	ug/L #	4
47) Tetrachloroethene	7.911	164	2692527	282.625	ug/L	98
49) Dibromochloromethane	7.911	129	2539506	251.472	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6704	0.999	ug/L #	65

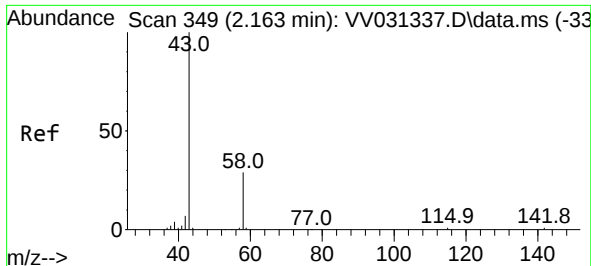
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.931 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV031339.D

Acq: 05 Jun 2023 11:32

Instrument :

MSVOA_V

ClientSampleId :

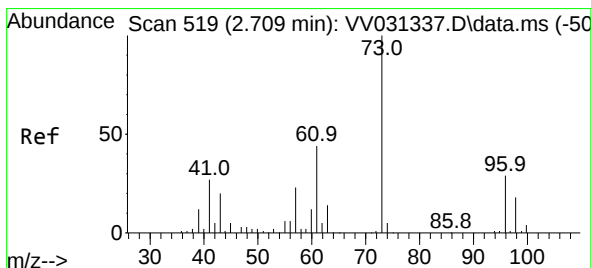
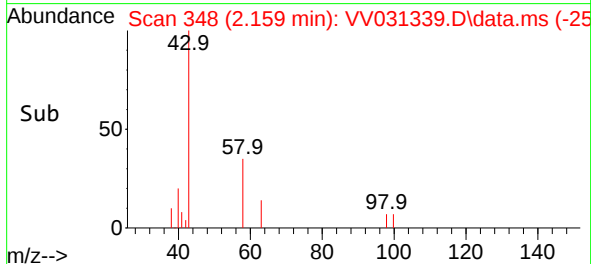
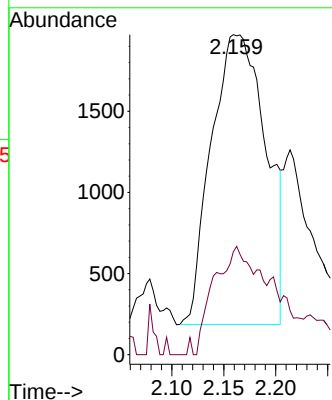
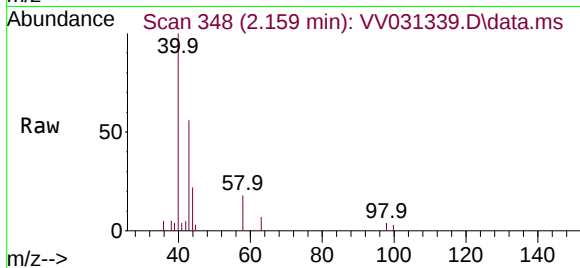
F6C03

Tgt Ion: 43 Resp: 6517

Ion Ratio Lower Upper

43 100

58 30.2 0.0 48.4



#17

Methyl tert-butyl Ether

Concen: 22.835 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV031339.D

Acq: 05 Jun 2023 11:32

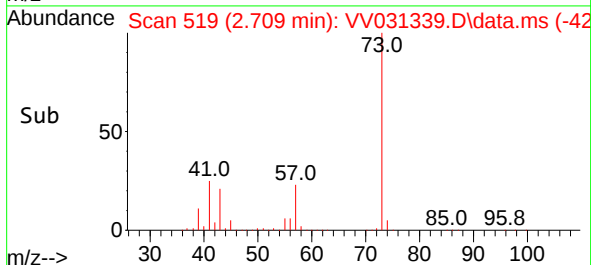
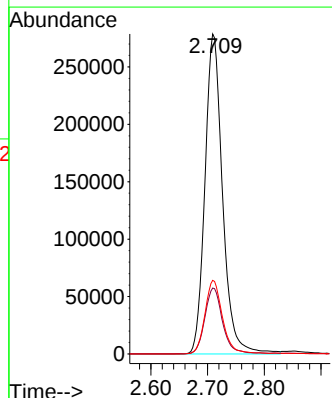
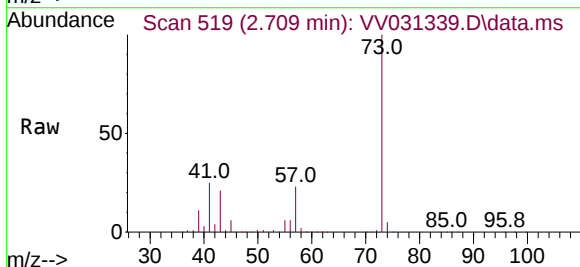
Tgt Ion: 73 Resp: 603043

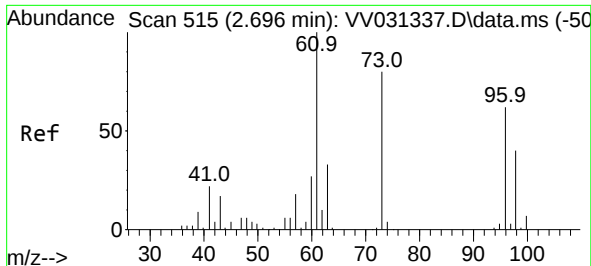
Ion Ratio Lower Upper

73 100

43 20.4 17.8 26.8

57 22.8 19.8 29.8

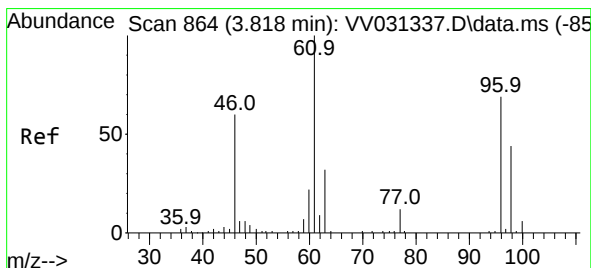
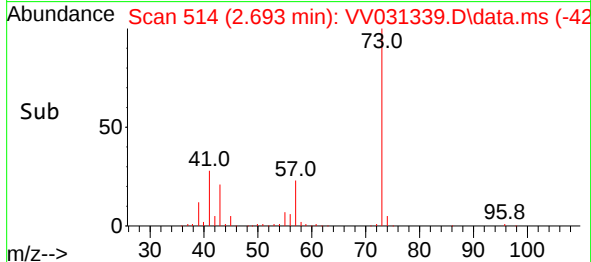
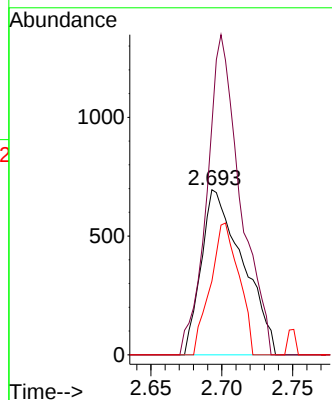
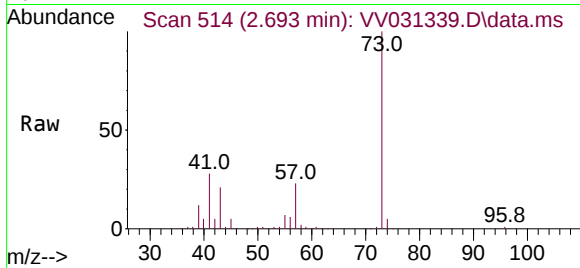




#18
trans-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV031339.D
Acq: 05 Jun 2023 11:32

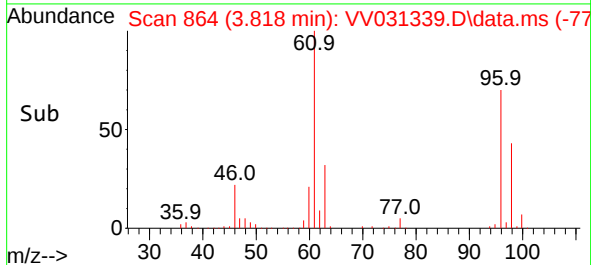
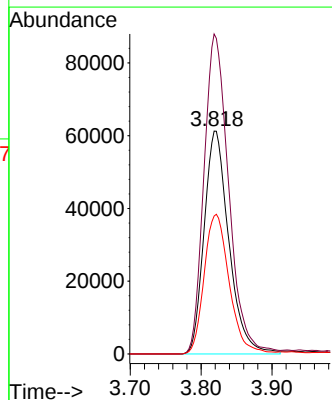
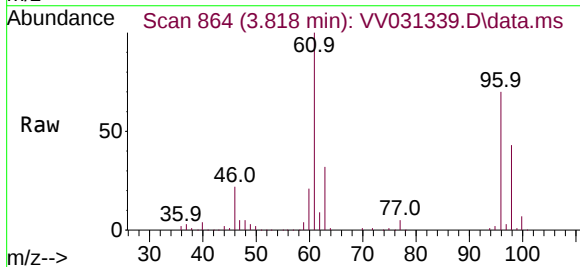
Instrument :
MSVOA_V
ClientSampleId :
F6C03

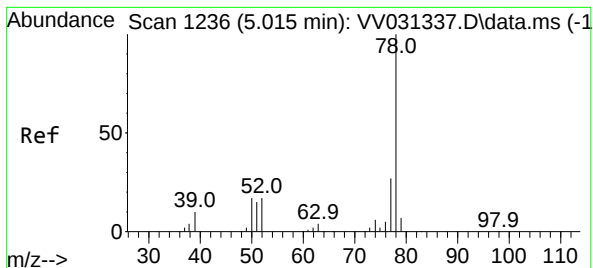
Tgt Ion: 96 Resp: 1412
Ion Ratio Lower Upper
96 100
61 139.1 114.2 212.0
98 44.6 45.0 83.6#



#22
cis-1,2-Dichloroethene
Concen: 13.355 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.000 min
Lab File: VV031339.D
Acq: 05 Jun 2023 11:32

Tgt Ion: 96 Resp: 148733
Ion Ratio Lower Upper
96 100
61 143.6 100.8 187.2
98 61.9 45.1 83.9





#33

Benzene

Concen: 0.166 ug/L

RT: 5.021 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VV031339.D

Acq: 05 Jun 2023 11:32

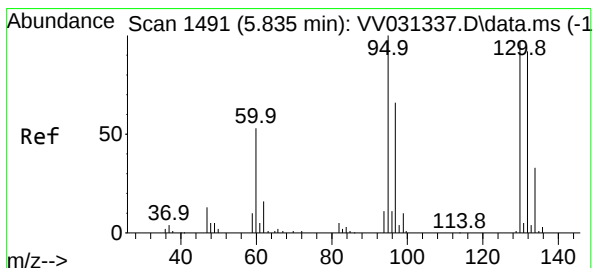
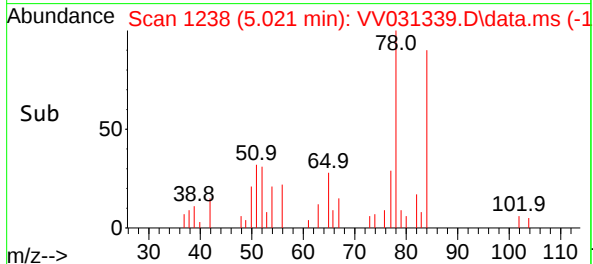
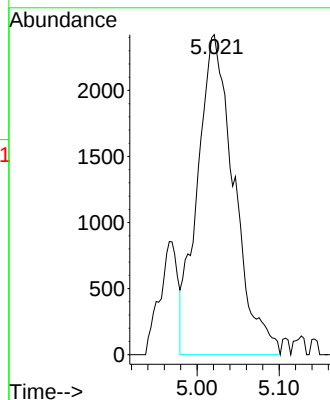
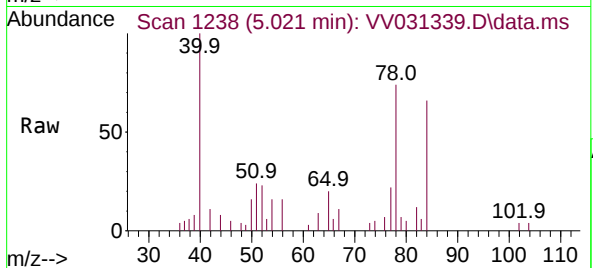
Instrument :

MSVOA_V

ClientSampleId :

F6C03

Tgt Ion: 78 Resp: 7515



#34

Trichloroethene

Concen: 18.851 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031339.D

Acq: 05 Jun 2023 11:32

Tgt Ion: 95 Resp: 230460

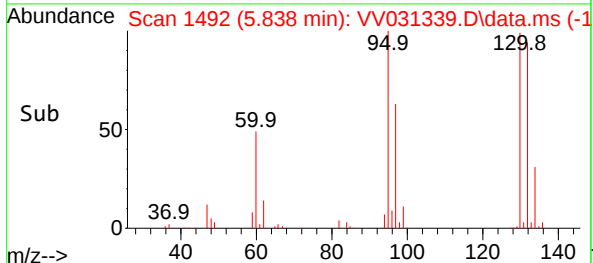
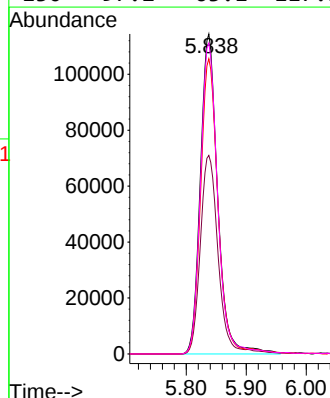
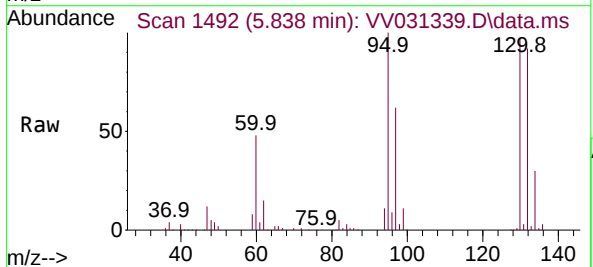
Ion Ratio Lower Upper

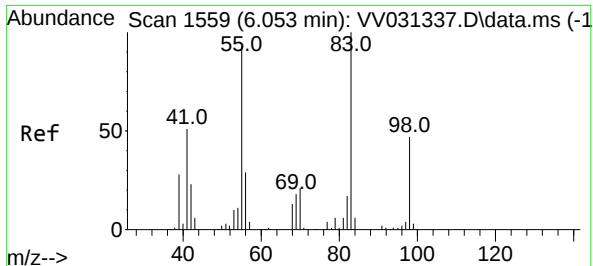
95 100

97 62.1 46.1 85.5

132 92.3 64.5 119.9

130 97.2 63.1 117.1





#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031339.D

Acq: 05 Jun 2023 11:32

Instrument :

MSVOA_V

ClientSampleId :

F6C03

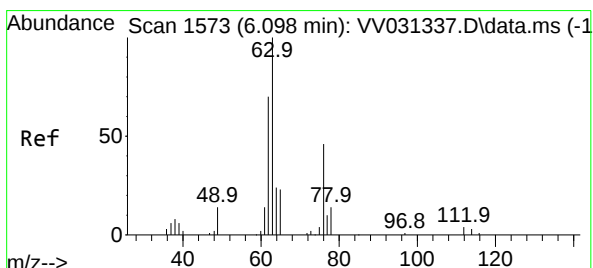
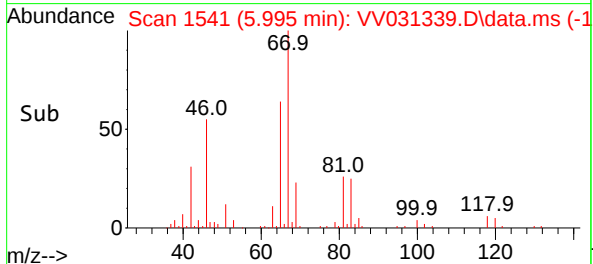
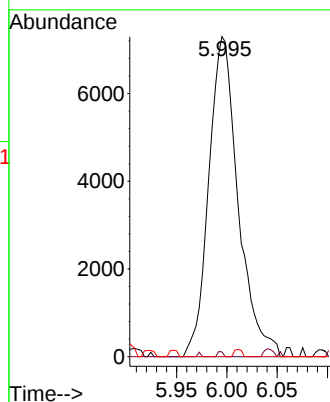
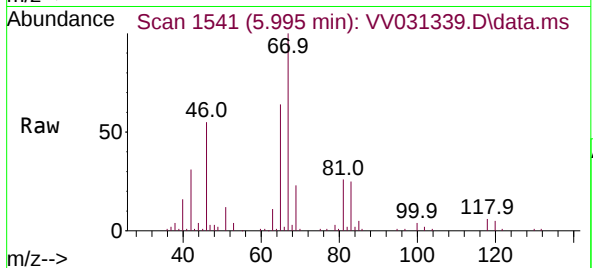
Tgt Ion: 83 Resp: 14827

Ion Ratio Lower Upper

83 100

55 0.3 74.6 112.0#

98 0.0 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.103 min

Lab File: VV031339.D

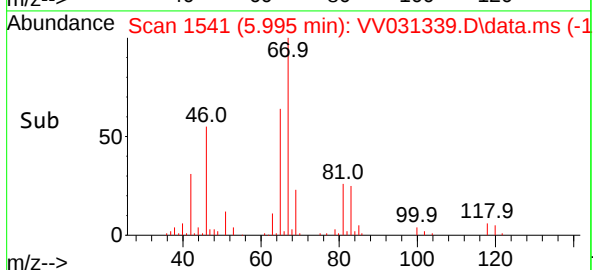
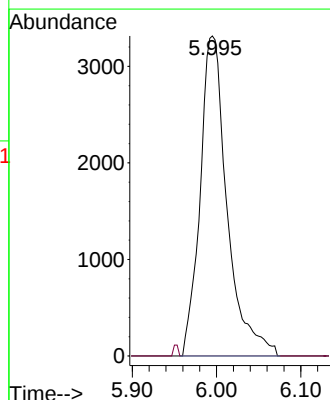
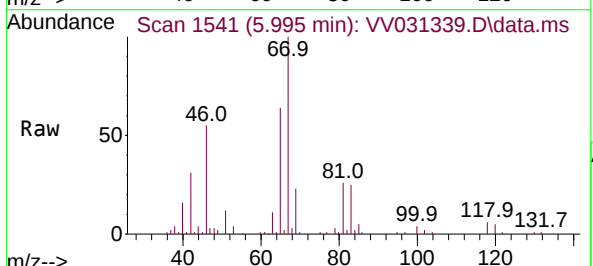
Acq: 05 Jun 2023 11:32

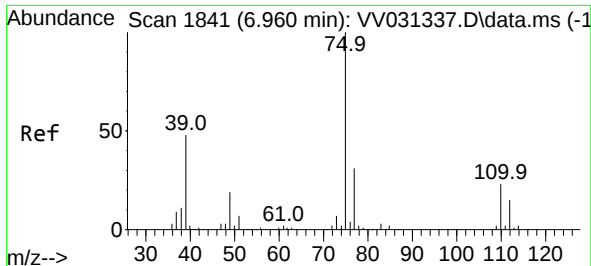
Tgt Ion: 63 Resp: 7400

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.931 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV031339.D

Acq: 05 Jun 2023 11:32

Instrument :

MSVOA_V

ClientSampleId :

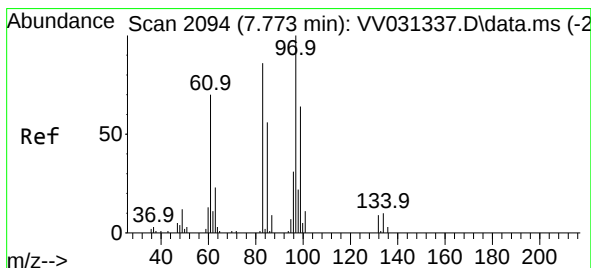
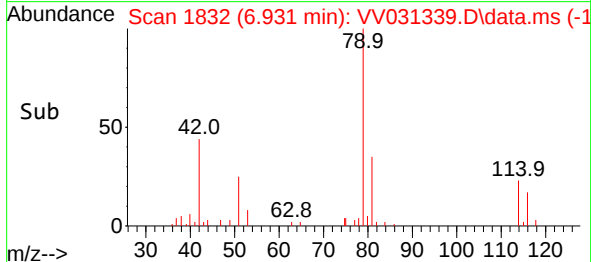
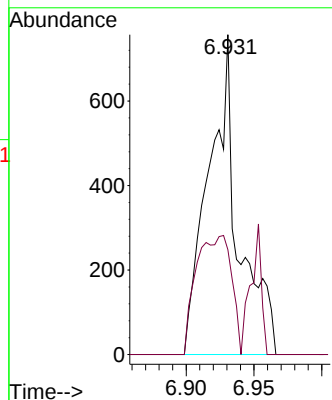
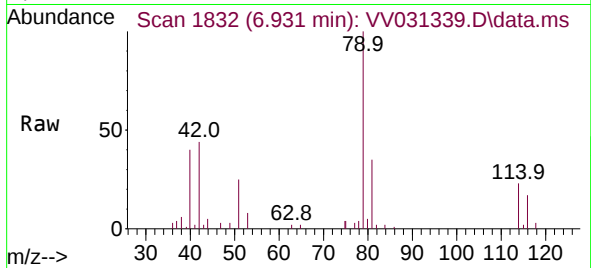
F6C03

Tgt Ion: 75 Resp: 1159

Ion Ratio Lower Upper

75 100

77 32.8 21.3 39.5



#45

1,1,2-Trichloroethane

Concen: 2.817 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.138 min

Lab File: VV031339.D

Acq: 05 Jun 2023 11:32

Tgt Ion: 97 Resp: 25470

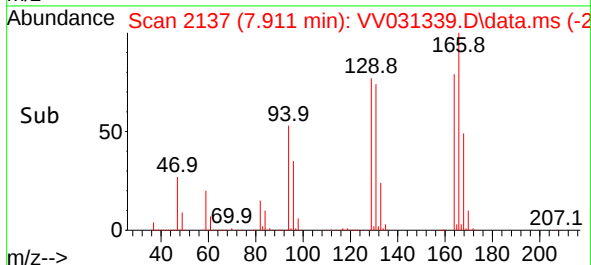
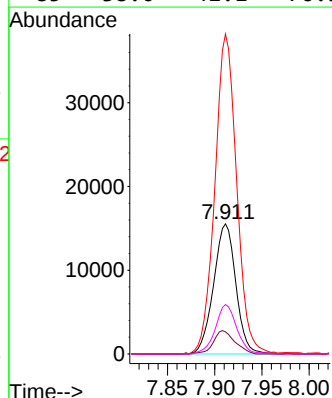
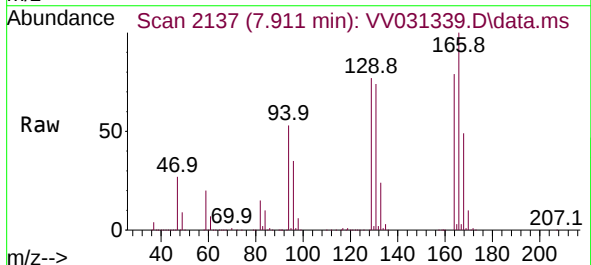
Ion Ratio Lower Upper

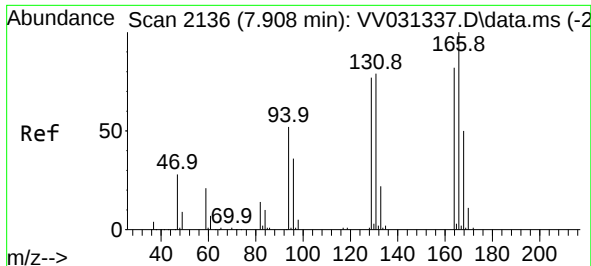
97 100

99 17.0 43.1 80.1#

83 246.1 63.1 117.1#

85 38.0 41.1 76.3#

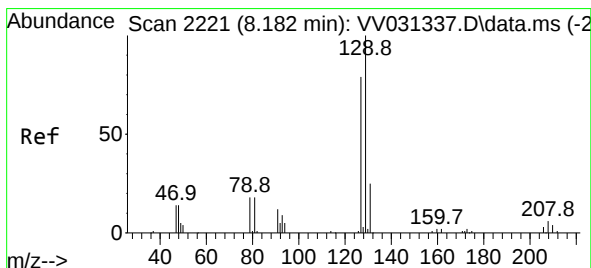
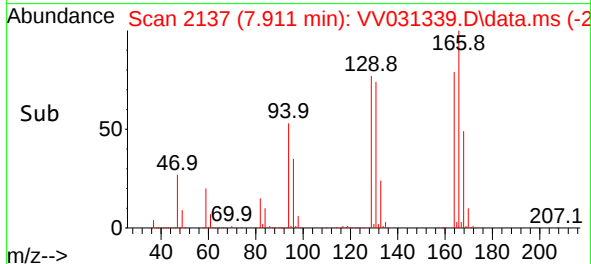
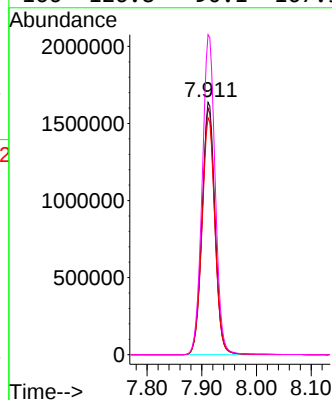
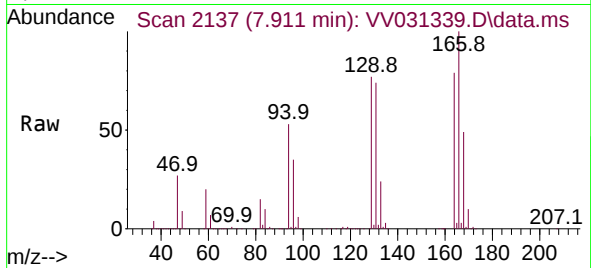




#47
Tetrachloroethene
Concen: 282.625 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031339.D
Acq: 05 Jun 2023 11:32

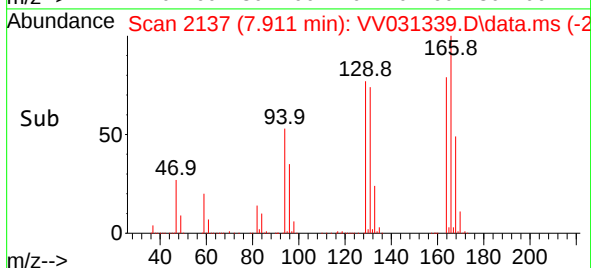
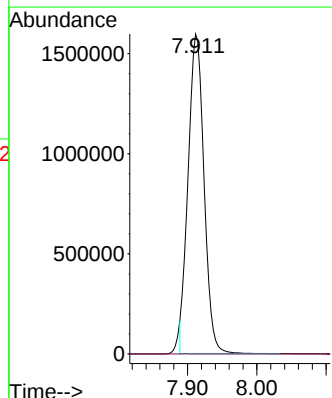
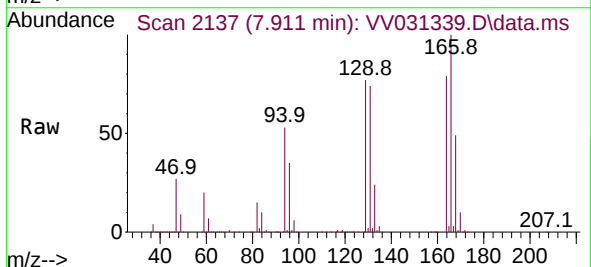
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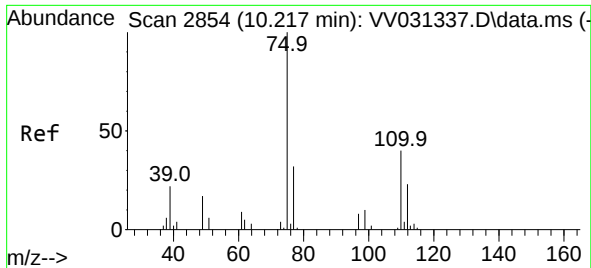
Tgt Ion:164 Resp: 2692527
Ion Ratio Lower Upper
164 100
129 97.6 66.0 122.6
131 93.9 65.3 121.3
166 126.8 90.1 167.3



#49
Dibromochloromethane
Concen: 251.472 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.270 min
Lab File: VV031339.D
Acq: 05 Jun 2023 11:32

Tgt Ion:129 Resp: 2539506
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#61

1,2,3-Trichloropropane

Concen: 0.999 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV031339.D

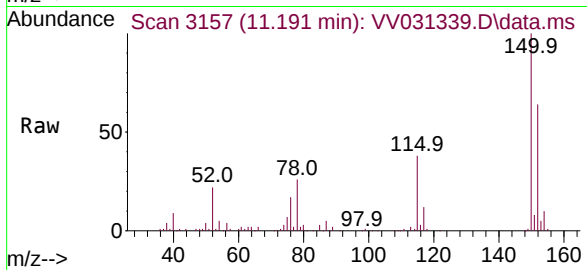
Acq: 05 Jun 2023 11:32

Instrument :

MSVOA_V

ClientSampleId :

F6C03



Tgt Ion:	75	Resp:	6704
Ion	Ratio	Lower	Upper
75	100		
77	29.9	27.3	40.9
110	0.3	29.4	44.0#

