

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
 Data File : VV026857.D
 Acq On : 20 Jul 2022 18:46
 Operator : SY/MD
 Sample : N3802-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:52:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

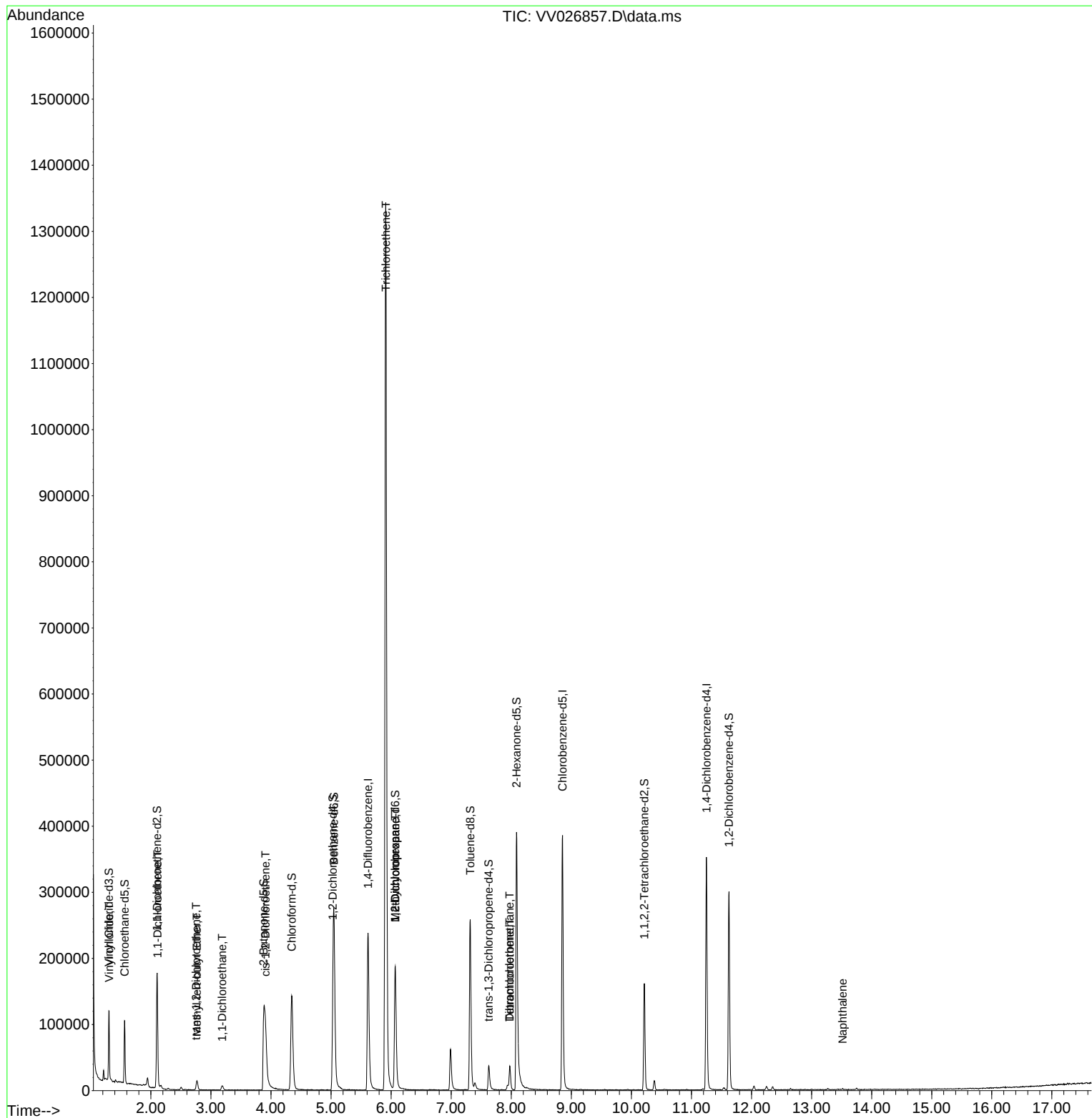
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	216973	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	222422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94071	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62912	3.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.564	69	62858	3.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.101	63	87338	2.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.000%#
20) 2-Butanone-d5	3.879	46	190726	61.737	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.480%
24) Chloroform-d	4.346	84	158804	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.030	65	75768	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.046	84	257035	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.069	67	98732	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.316	98	182601	3.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.800%#
43) trans-1,3-Dichloroprop...	7.625	79	24679	3.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.088	63	139344	48.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	80718	5.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	79956	4.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
5) Vinyl chloride	1.307	62	3762	0.140	ug/L #	61
12) 1,1-Dichloroethene	2.111	96	5658	0.297	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	12066	0.368	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	713	0.041	ug/L #	52
19) 1,1-Dichloroethane	3.188	63	7240	0.227	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	31265	1.773	ug/L	97
34) Trichloroethene	5.911	95	484894	26.532	ug/L	99
35) Methylcyclohexane	6.069	83	24109	0.864	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	10374	0.583	ug/L #	86
47) Tetrachloroethene	7.976	164	8760	0.611	ug/L	97
49) Dibromochloromethane	7.976	129	8230	0.549	ug/L #	10
71) Naphthalene	13.519	128	1905	0.074	ug/L #	81

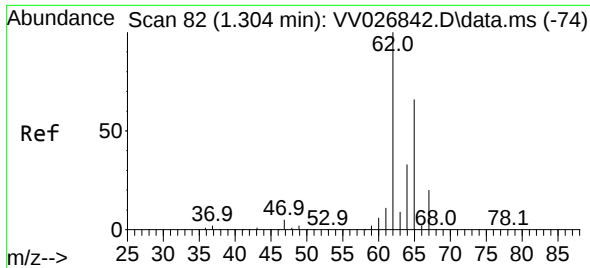
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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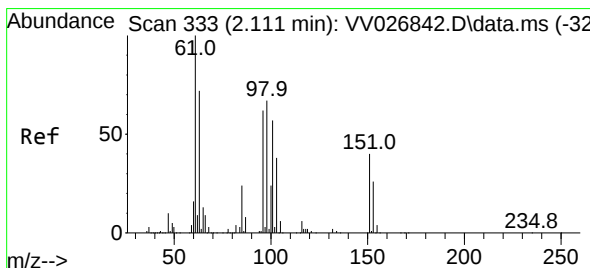
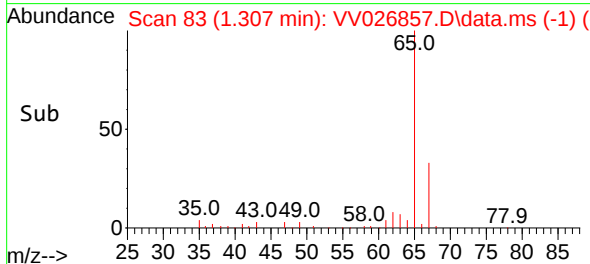
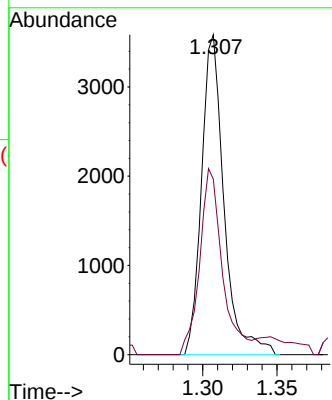
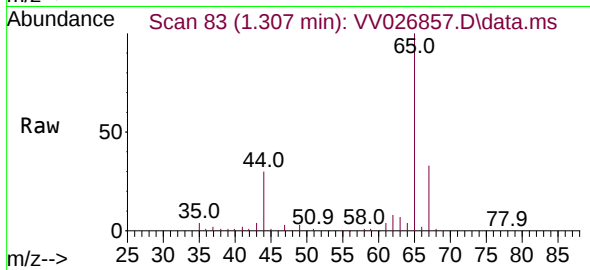




#5
 Vinyl chloride
 Concen: 0.140 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026857.D
 Acq: 20 Jul 2022 18:46

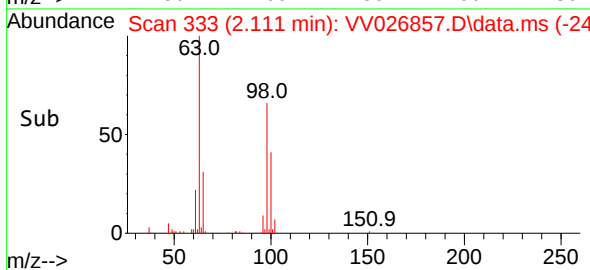
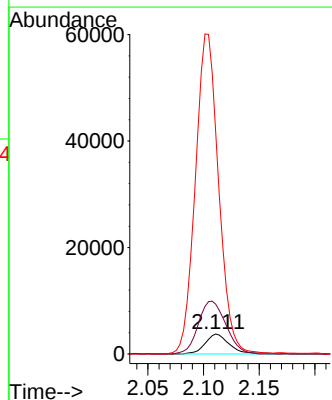
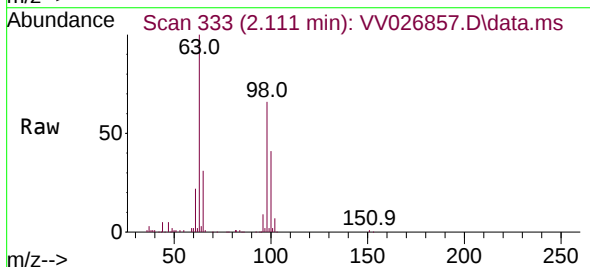
Instrument :
 MSVOA_V
 ClientSampleId :

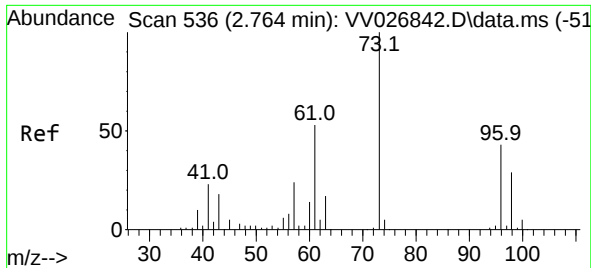
Tgt Ion: 62 Resp: 3762
 Ion Ratio Lower Upper
 62 100
 64 54.9 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 0.297 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV026857.D
 Acq: 20 Jul 2022 18:46

Tgt Ion: 96 Resp: 5658
 Ion Ratio Lower Upper
 96 100
 61 247.6 118.3 219.7#
 63 1102.9 79.9 148.3#

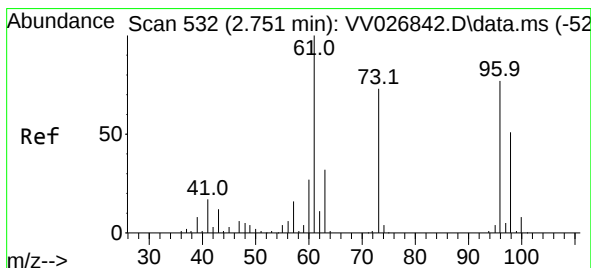
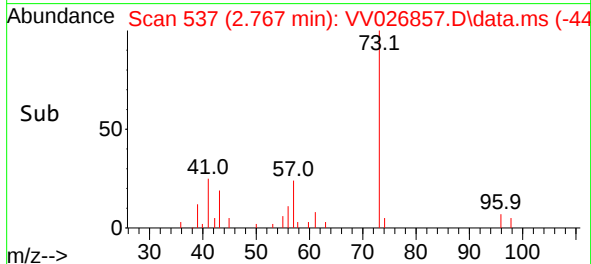
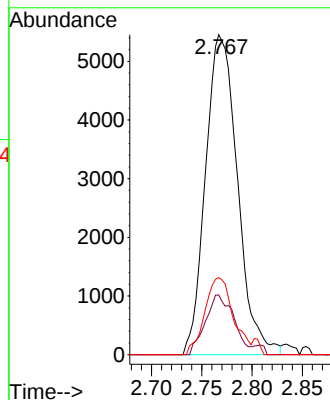
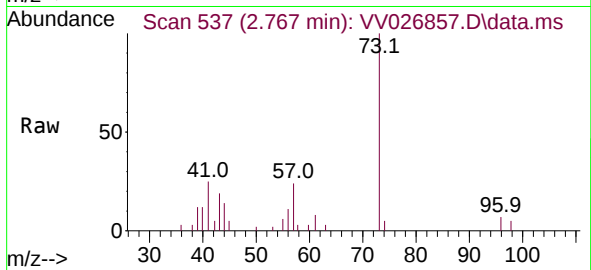




#17
Methyl tert-butyl Ether
Concen: 0.368 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026857.D
Acq: 20 Jul 2022 18:46

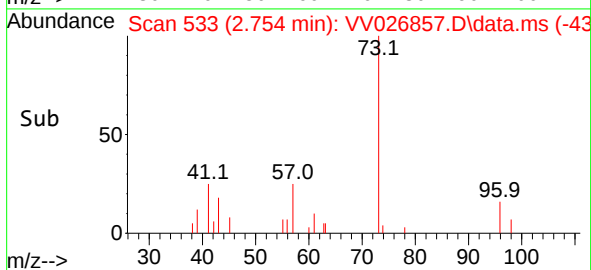
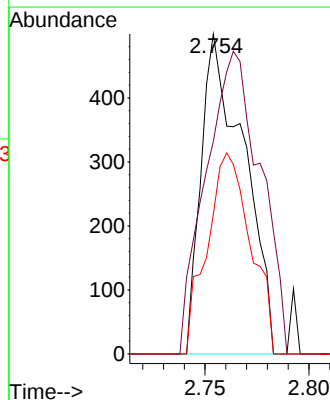
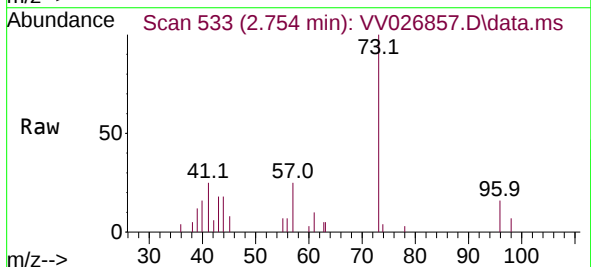
Instrument :
MSVOA_V
ClientSampleId :

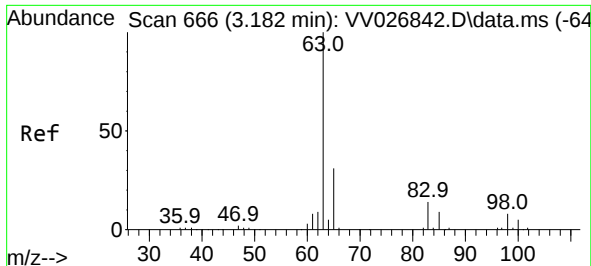
Tgt Ion: 73 Resp: 12066
Ion Ratio Lower Upper
73 100
43 16.7 14.0 21.0
57 21.4 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.041 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV026857.D
Acq: 20 Jul 2022 18:46

Tgt Ion: 96 Resp: 713
Ion Ratio Lower Upper
96 100
61 66.4 94.7 175.9#
98 43.6 47.4 88.0#





#19

1,1-Dichloroethane

Concen: 0.227 ug/L

RT: 3.188 min Scan# 666

Delta R.T. 0.006 min

Lab File: VV026857.D

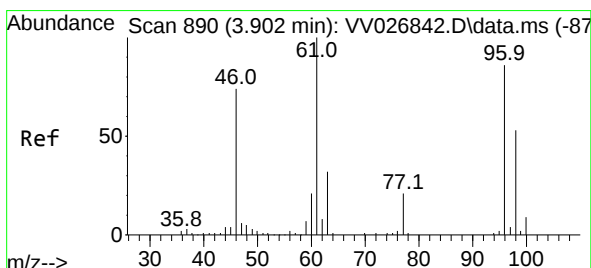
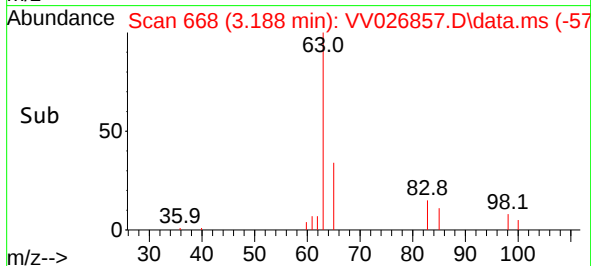
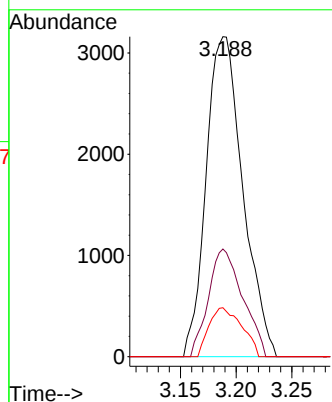
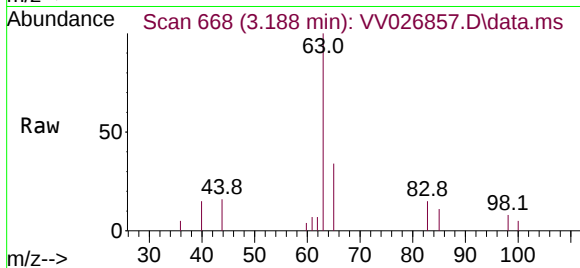
Acq: 20 Jul 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 7240
Ion Ratio	Lower Upper
63 100	
65 33.7	22.3 41.3
83 15.3	9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 1.773 ug/L

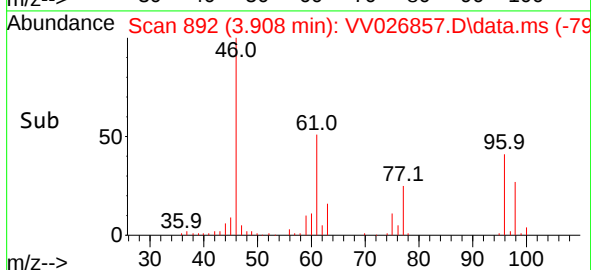
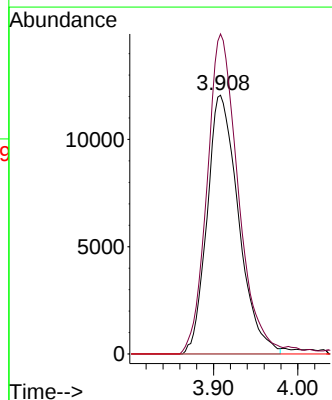
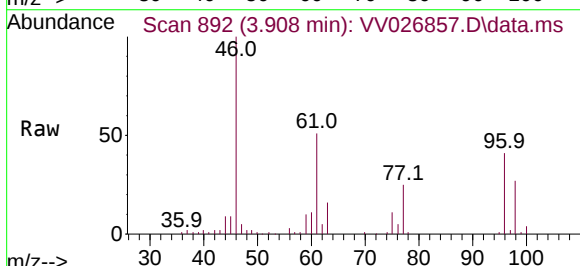
RT: 3.908 min Scan# 892

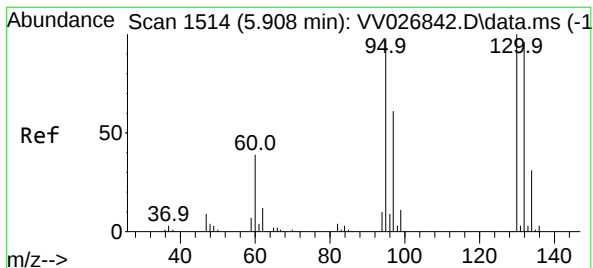
Delta R.T. 0.006 min

Lab File: VV026857.D

Acq: 20 Jul 2022 18:46

Tgt Ion: 96	Resp: 31265
Ion Ratio	Lower Upper
96 100	
61 123.7	83.9 155.9
68 0.0	0.0 0.0





#34

Trichloroethene

Concen: 26.532 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026857.D

Acq: 20 Jul 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 484894

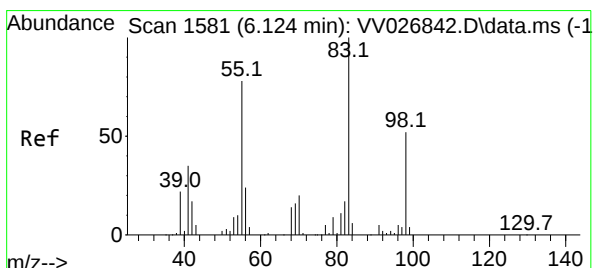
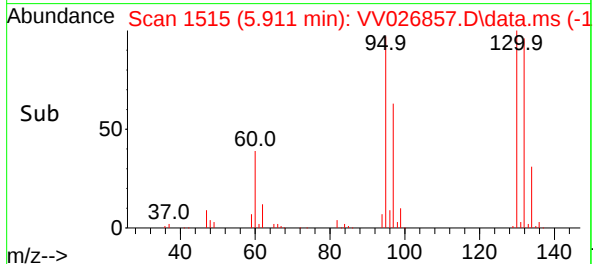
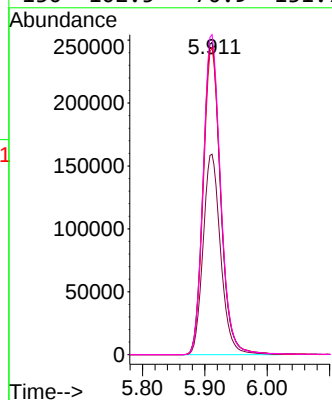
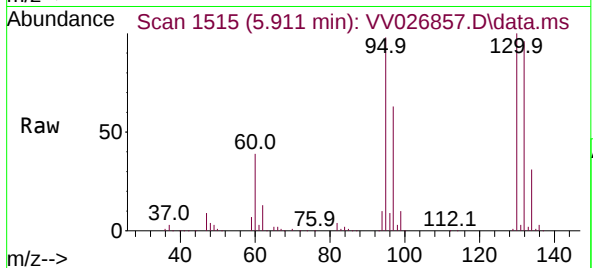
Ion Ratio Lower Upper

95 100

97 64.2 44.6 82.8

132 98.5 70.2 130.4

130 102.5 70.9 131.7



#35

Methylcyclohexane

Concen: 0.864 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.055 min

Lab File: VV026857.D

Acq: 20 Jul 2022 18:46

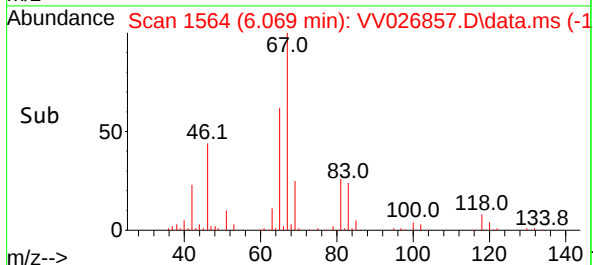
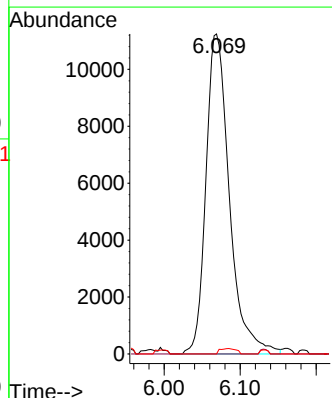
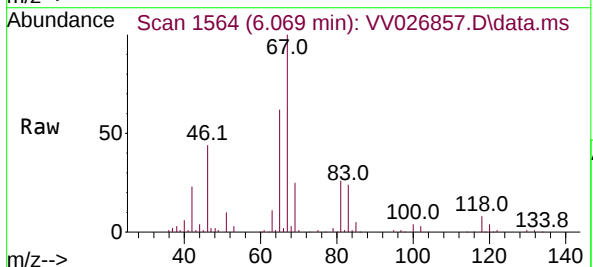
Tgt Ion: 83 Resp: 24109

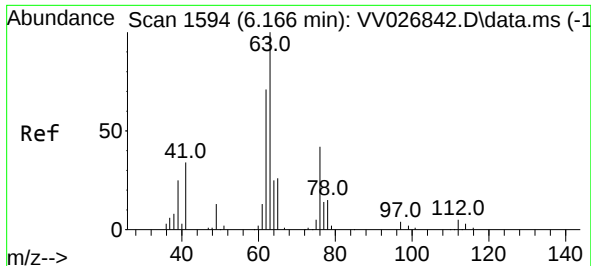
Ion Ratio Lower Upper

83 100

55 0.5 59.5 89.3#

98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV026857.D

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Instrument :

MSVOA_V

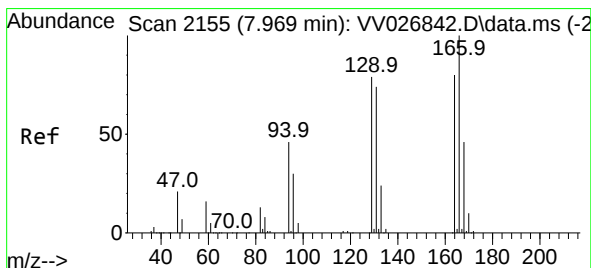
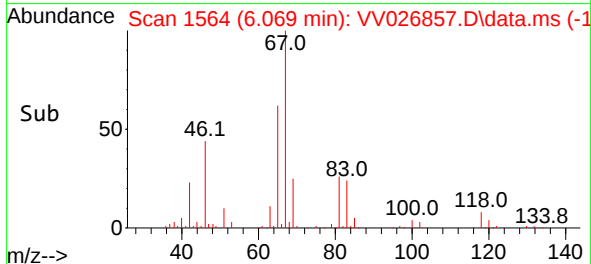
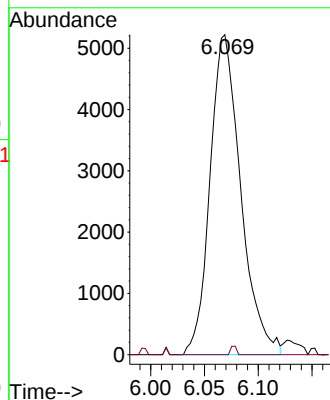
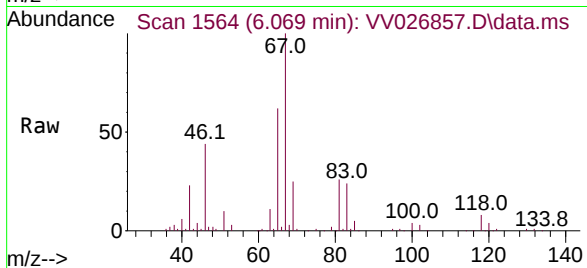
ClientSampleId :

Tgt Ion: 63 Resp: 10374

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



#47

Tetrachloroethene

Concen: 0.611 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV026857.D

Acq: 20 Jul 2022 18:46

Tgt Ion: 164 Resp: 8760

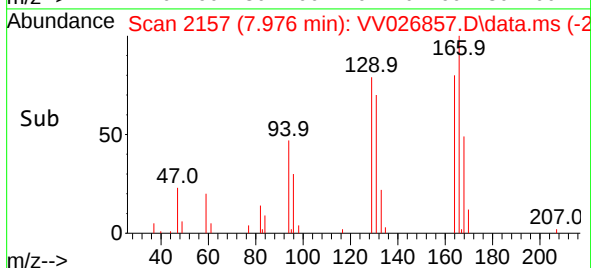
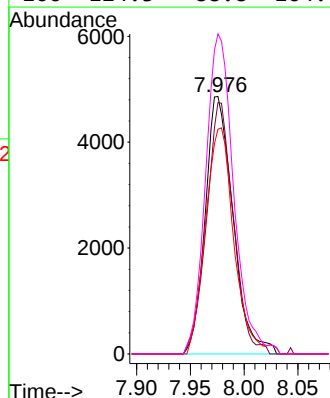
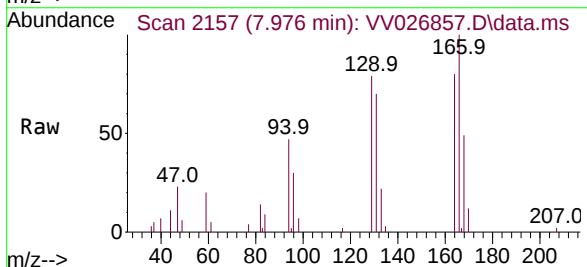
Ion Ratio Lower Upper

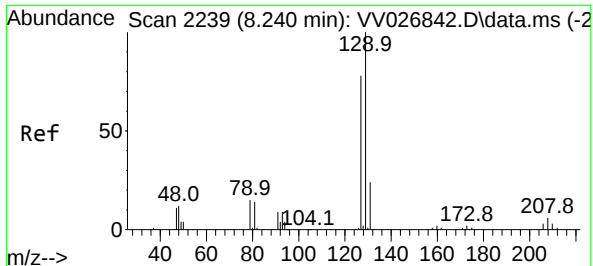
164 100

129 97.6 67.8 125.8

131 87.3 65.9 122.5

166 124.3 88.8 164.8





#49

Dibromochloromethane

Concen: 0.549 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.264 min

Lab File: VV026857.D

Acq: 20 Jul 2022 18:46

Instrument :

MSVOA_V

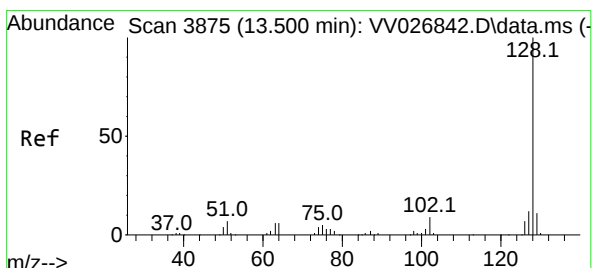
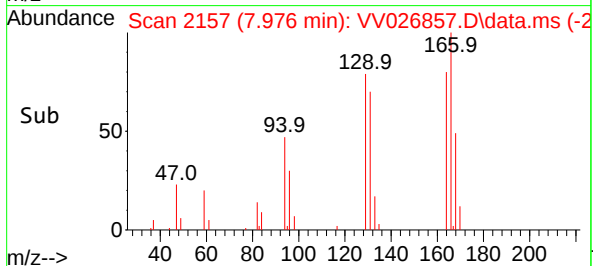
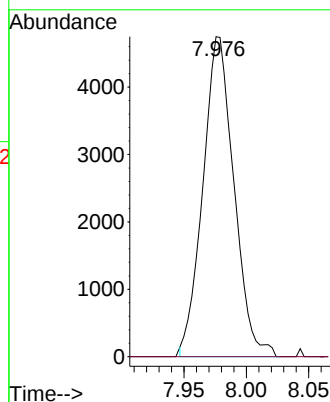
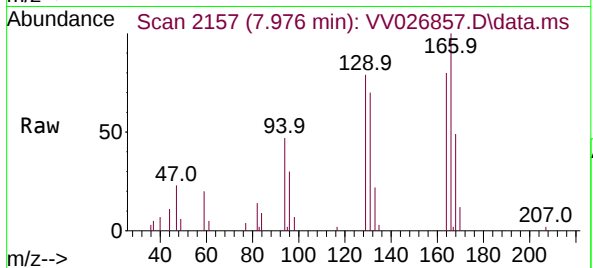
ClientSampleId :

Tgt Ion:129 Resp: 8230

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#71

Naphthalene

Concen: 0.074 ug/L

RT: 13.519 min Scan# 3881

Delta R.T. 0.019 min

Lab File: VV026857.D

Acq: 20 Jul 2022 18:46

Tgt Ion:128 Resp: 1905

Ion Ratio Lower Upper

128 100

129 2.4 8.4 12.6#

127 6.5 10.7 16.1#

