

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026722.D
 Acq On : 12 Jul 2022 13:20
 Operator : SY/MD
 Sample : N3601-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB8

Quant Time: Jul 13 03:01:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

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

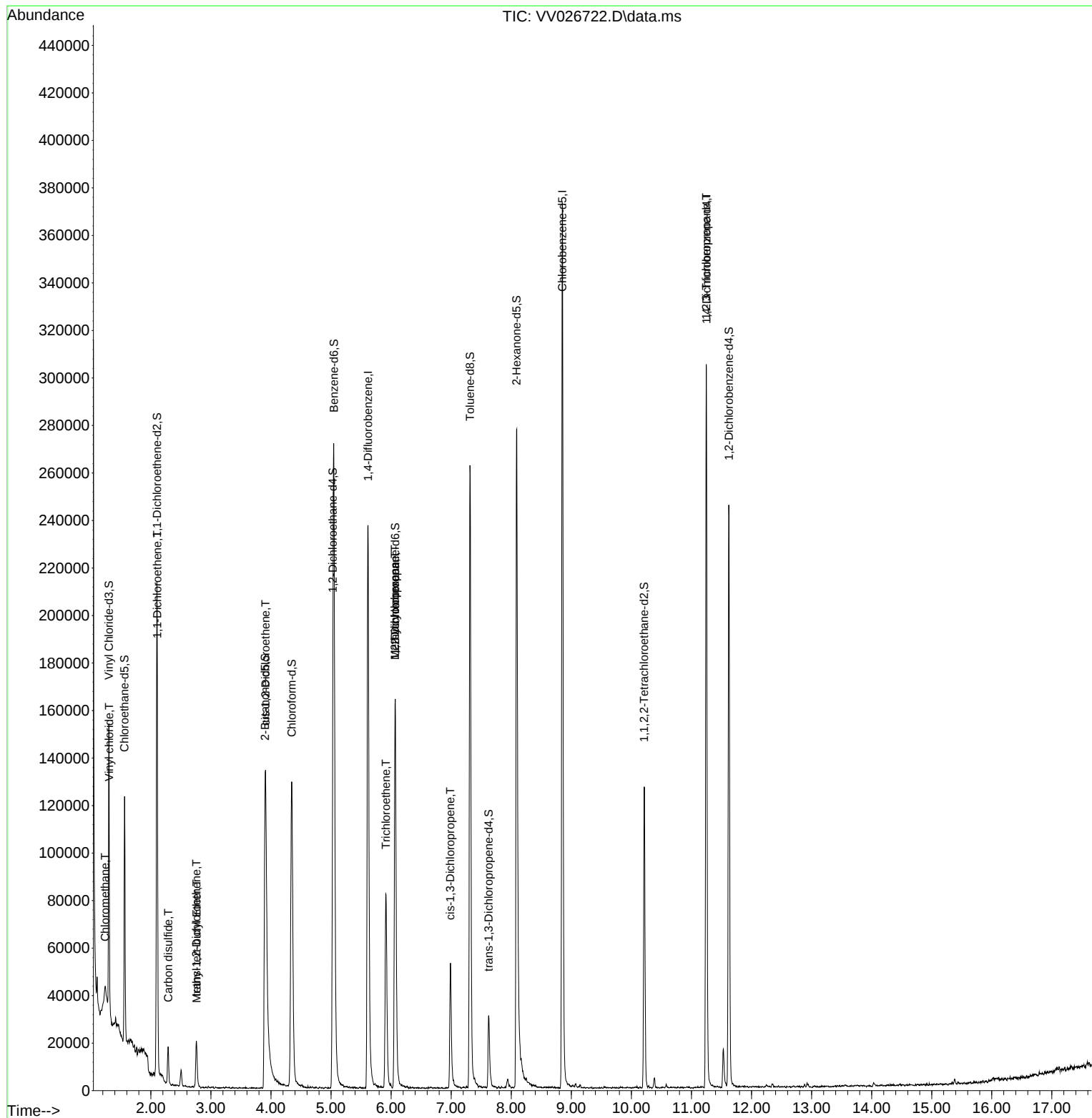
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	205448	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	208904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74879	3.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.561	69	68785	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.101	63	108180	3.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.902	46	140717	48.104	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.200%
24) Chloroform-d	4.346	84	140282	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.030	65	65862	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.047	84	242657	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.069	67	81830	4.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.313	98	182078	3.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	7.625	79	19329	3.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.088	63	97723	36.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61566	4.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	63039	4.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	4717	0.188	ug/L	92
5) Vinyl chloride	1.307	62	1045	0.041	ug/L #	1
12) 1,1-Dichloroethene	2.108	96	1579	0.088	ug/L #	1
14) Carbon disulfide	2.288	76	17410	0.328	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	1024	0.033	ug/L #	76
18) trans-1,2-Dichloroethene	2.757	96	7349	0.444	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	46714	2.797	ug/L	100
34) Trichloroethene	5.911	95	29643	1.727	ug/L	98
35) Methylcyclohexane	6.066	83	20079	0.766	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	9434	0.565	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1532	0.074	ug/L #	66
61) 1,2,3-Trichloropropane	11.246	75	9718	1.333	ug/L #	65

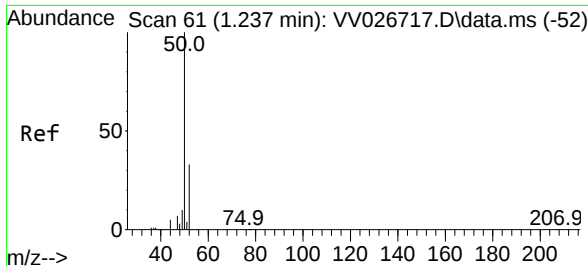
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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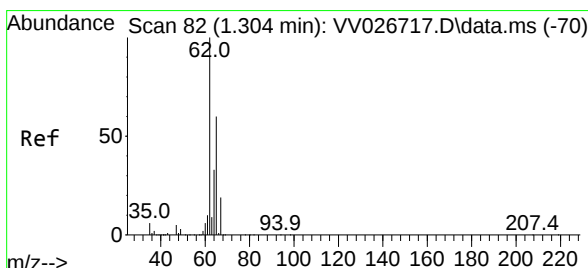
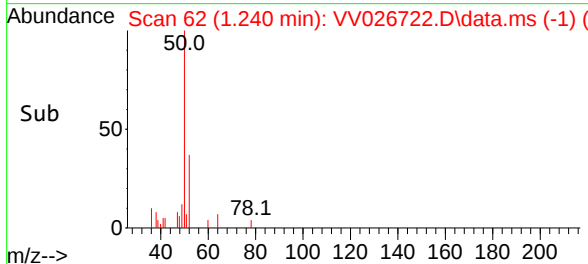
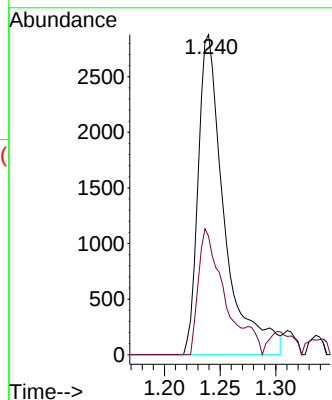
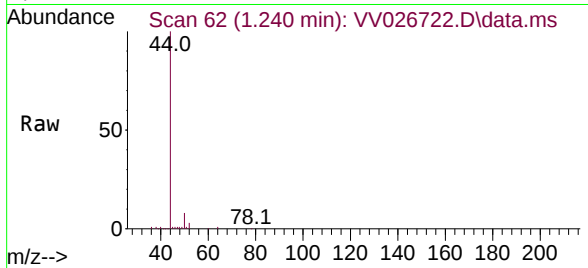




#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026722.D
Acq: 12 Jul 2022 13:20

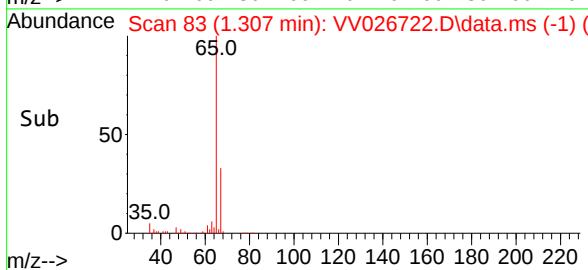
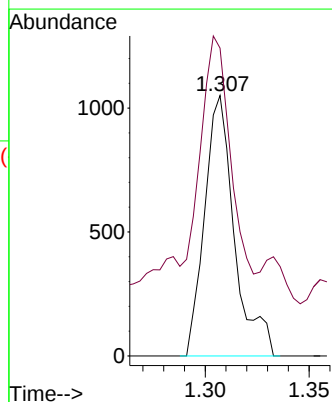
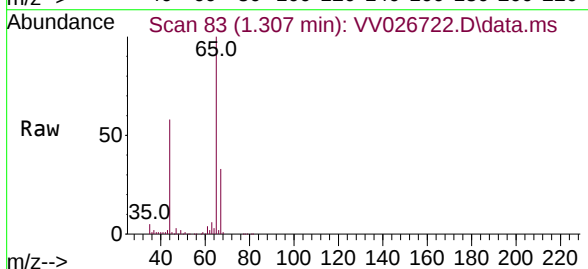
Instrument :
MSVOA_V
ClientSampleId :
DBUB8

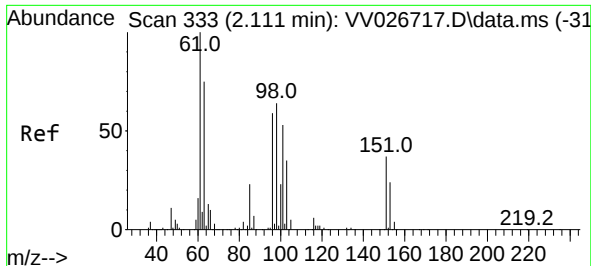
Tgt Ion: 50 Resp: 4717
Ion Ratio Lower Upper
50 100
52 37.1 22.8 42.4



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV026722.D
Acq: 12 Jul 2022 13:20

Tgt Ion: 62 Resp: 1045
Ion Ratio Lower Upper
62 100
64 118.2 22.9 42.5





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026722.D

Acq: 12 Jul 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

DBUB8

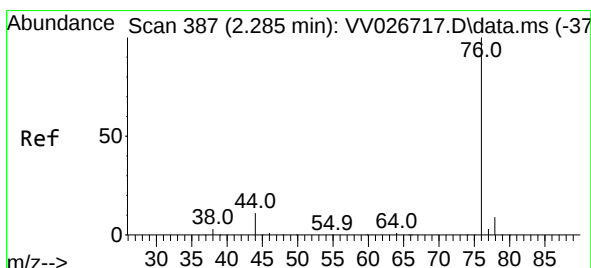
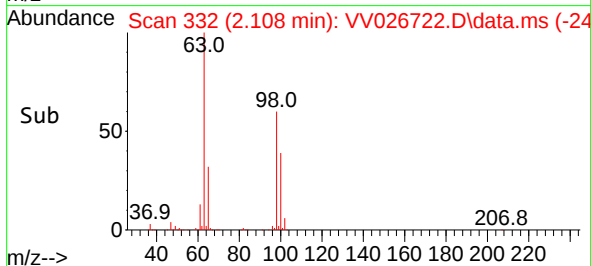
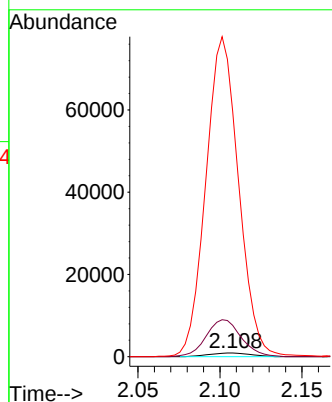
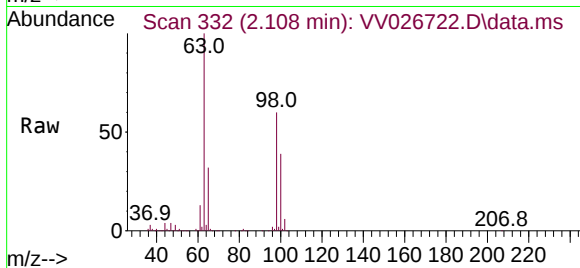
Tgt Ion: 96 Resp: 1579

Ion Ratio Lower Upper

96 100

61 846.5 118.3 219.7#

63 6640.3 79.9 148.3#



#14

Carbon disulfide

Concen: 0.328 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV026722.D

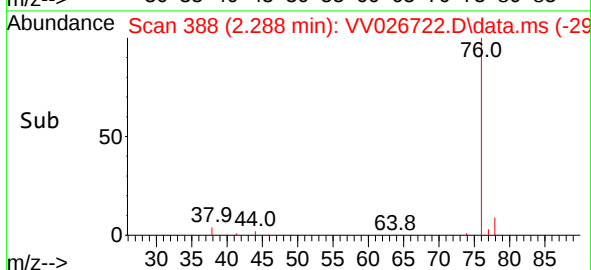
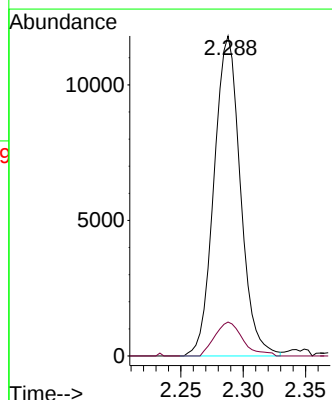
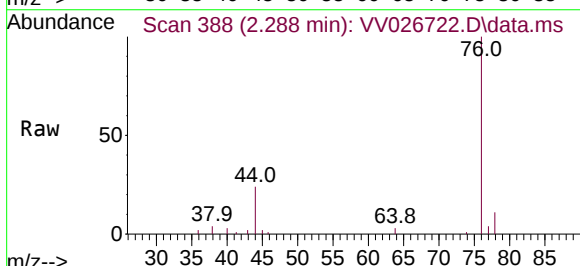
Acq: 12 Jul 2022 13:20

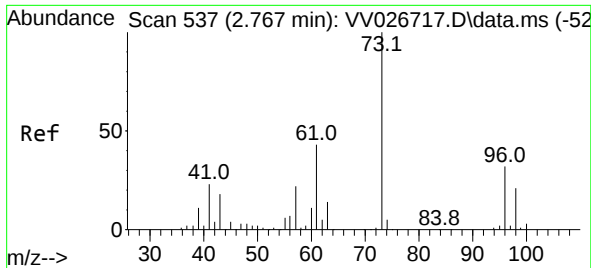
Tgt Ion: 76 Resp: 17410

Ion Ratio Lower Upper

76 100

78 10.6 7.7 11.5

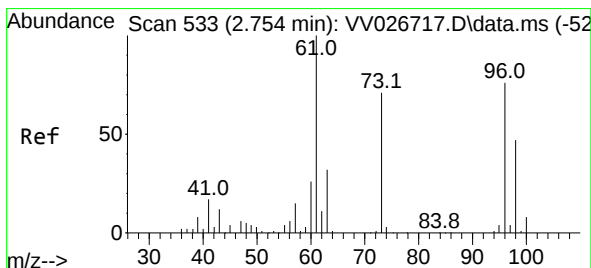
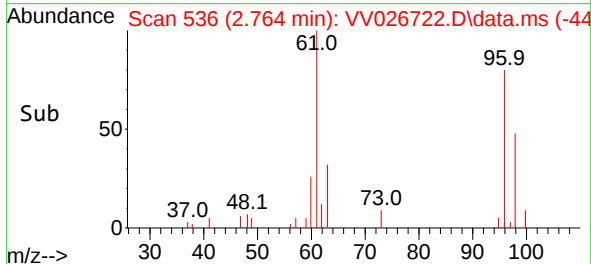
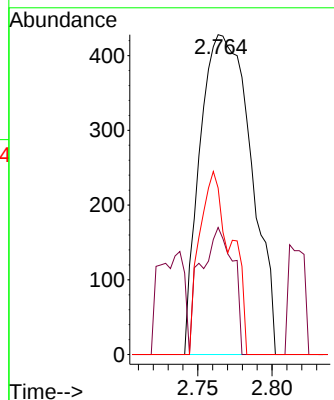
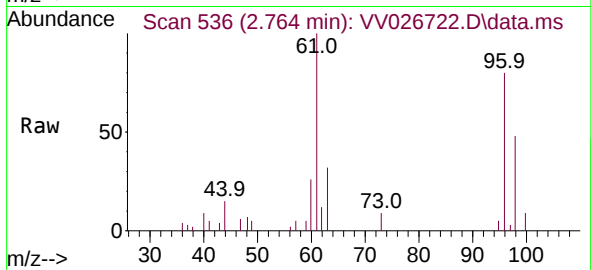




#17
Methyl tert-butyl Ether
Concen: 0.033 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV026722.D
Acq: 12 Jul 2022 13:20

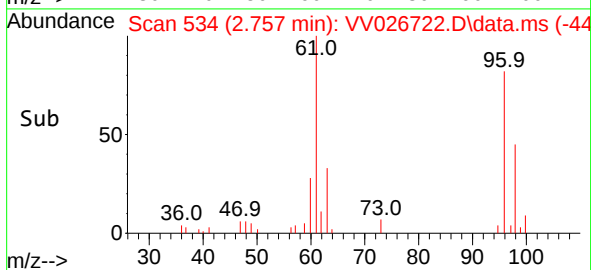
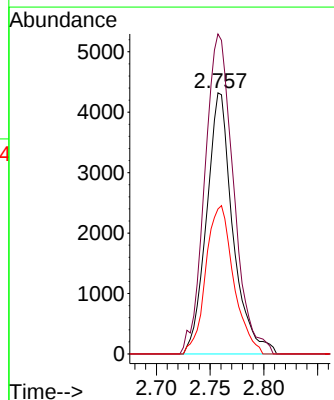
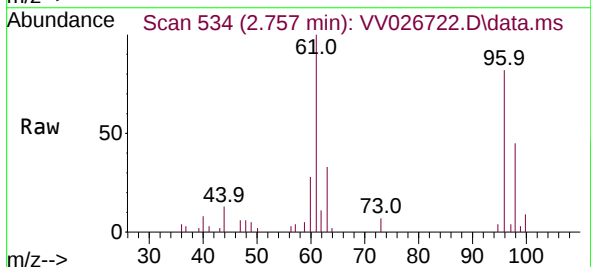
Instrument :
MSVOA_V
ClientSampleId :
DBUB8

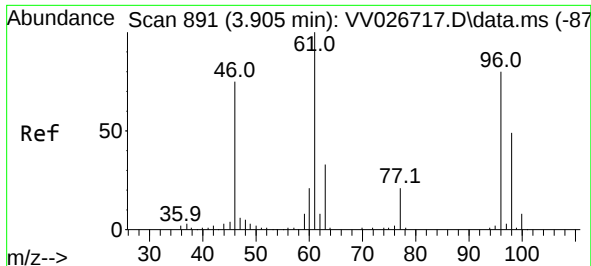
Tgt Ion: 73 Resp: 1024
Ion Ratio Lower Upper
73 100
43 25.3 14.0 21.0#
57 35.4 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.444 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026722.D
Acq: 12 Jul 2022 13:20

Tgt Ion: 96 Resp: 7349
Ion Ratio Lower Upper
96 100
61 122.6 94.7 175.9
98 55.5 47.4 88.0





#22

cis-1,2-Dichloroethene

Concen: 2.797 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026722.D

Acq: 12 Jul 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

DBUB8

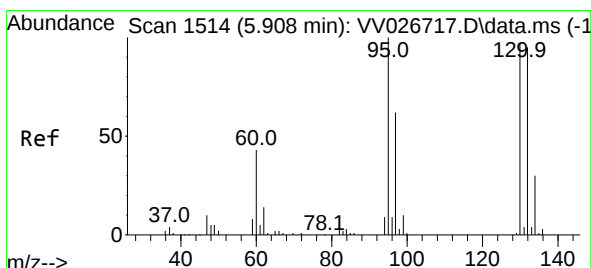
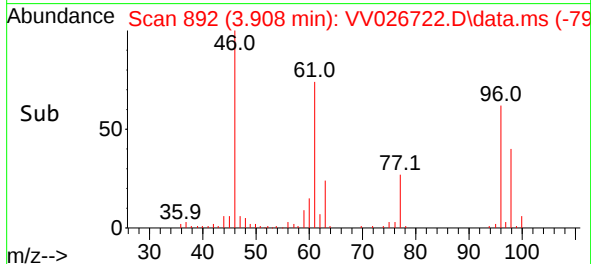
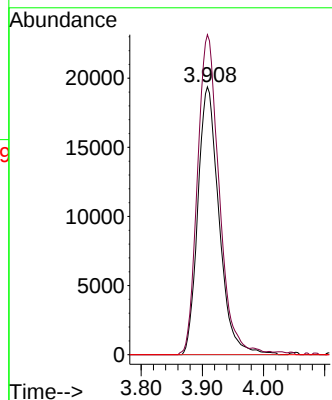
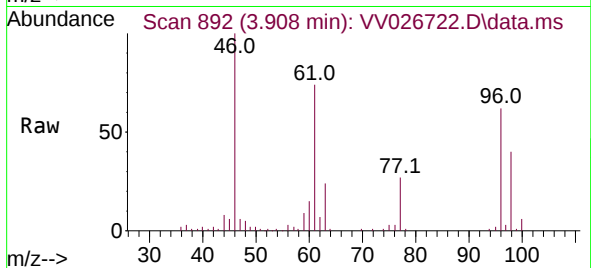
Tgt Ion: 96 Resp: 46714

Ion Ratio Lower Upper

96 100

61 119.4 83.9 155.9

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 1.727 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV026722.D

Acq: 12 Jul 2022 13:20

Tgt Ion: 95 Resp: 29643

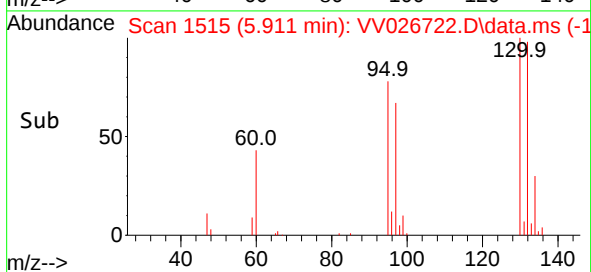
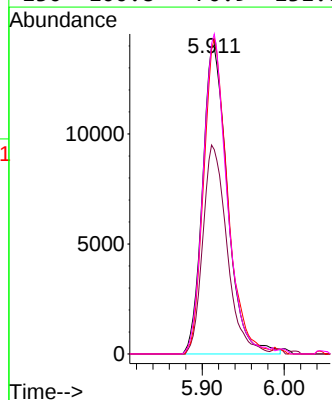
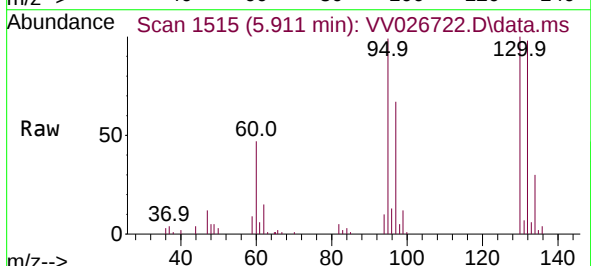
Ion Ratio Lower Upper

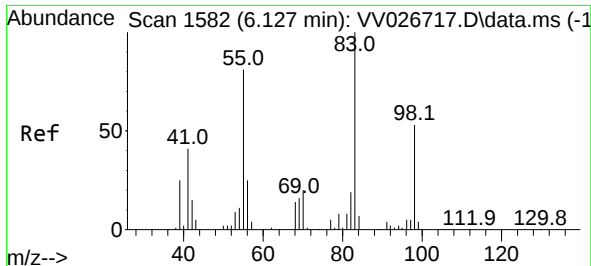
95 100

97 67.9 44.6 82.8

132 98.9 70.2 130.4

130 100.8 70.9 131.7

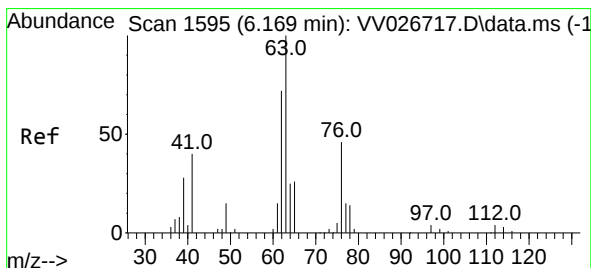
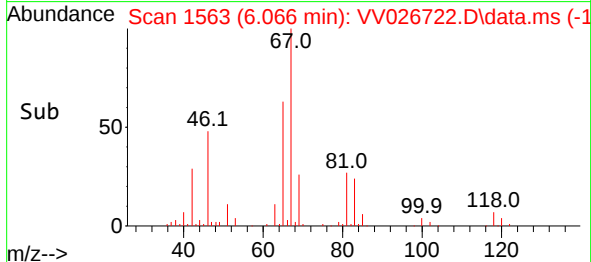
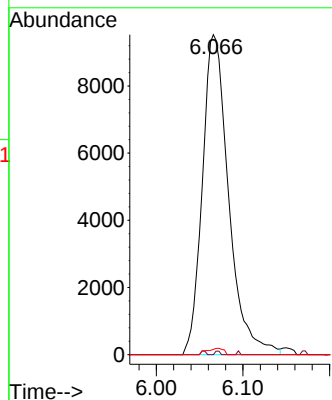
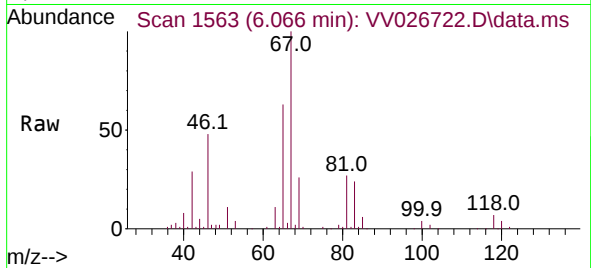




#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026722.D
Acq: 12 Jul 2022 13:20

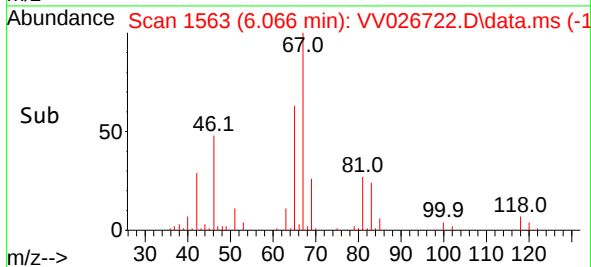
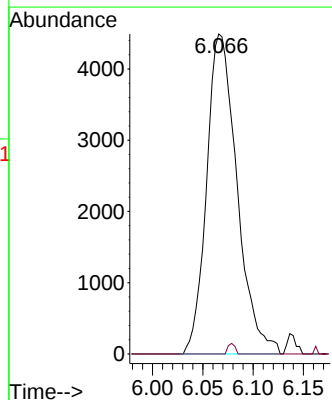
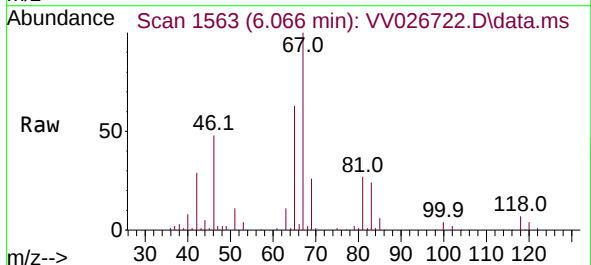
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ClientSampleId :
DBUB8

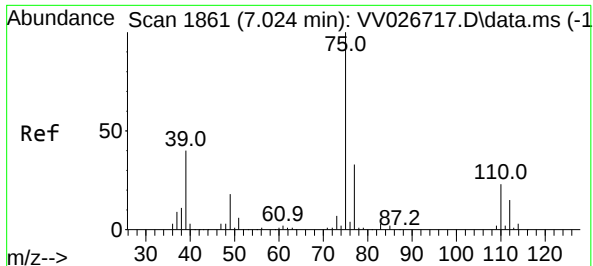
Tgt Ion: 83 Resp: 20079
Ion Ratio Lower Upper
83 100
55 0.2 59.5 89.3#
98 1.3 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV026722.D
Acq: 12 Jul 2022 13:20

Tgt Ion: 63 Resp: 9434
Ion Ratio Lower Upper
63 100
112 0.8 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026722.D

Acq: 12 Jul 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

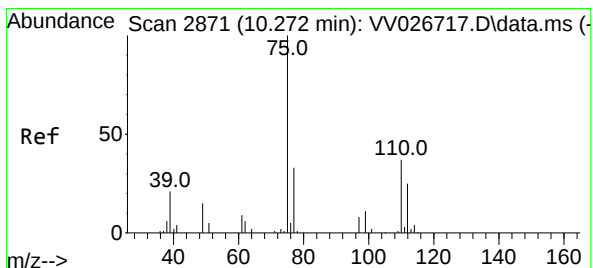
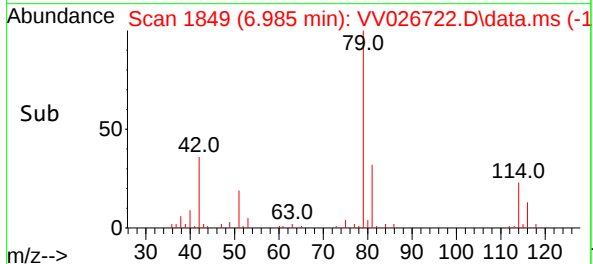
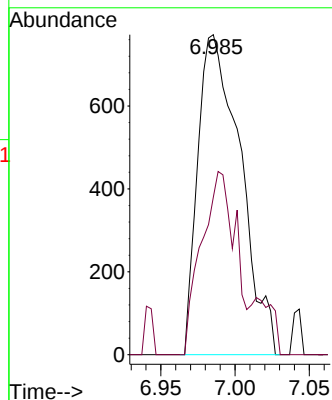
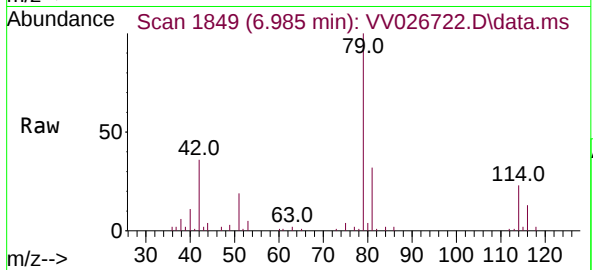
DBUB8

Tgt Ion: 75 Resp: 1532

Ion Ratio Lower Upper

75 100

77 49.2 21.4 39.8#



#61

1,2,3-Trichloropropane

Concen: 1.333 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026722.D

Acq: 12 Jul 2022 13:20

Tgt Ion: 75 Resp: 9718

Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.0

110 1.9 31.8 47.6#

