

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026725.D
 Acq On : 12 Jul 2022 14:33
 Operator : SY/MD
 Sample : N3601-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4

Quant Time: Jul 13 03:01:51 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)

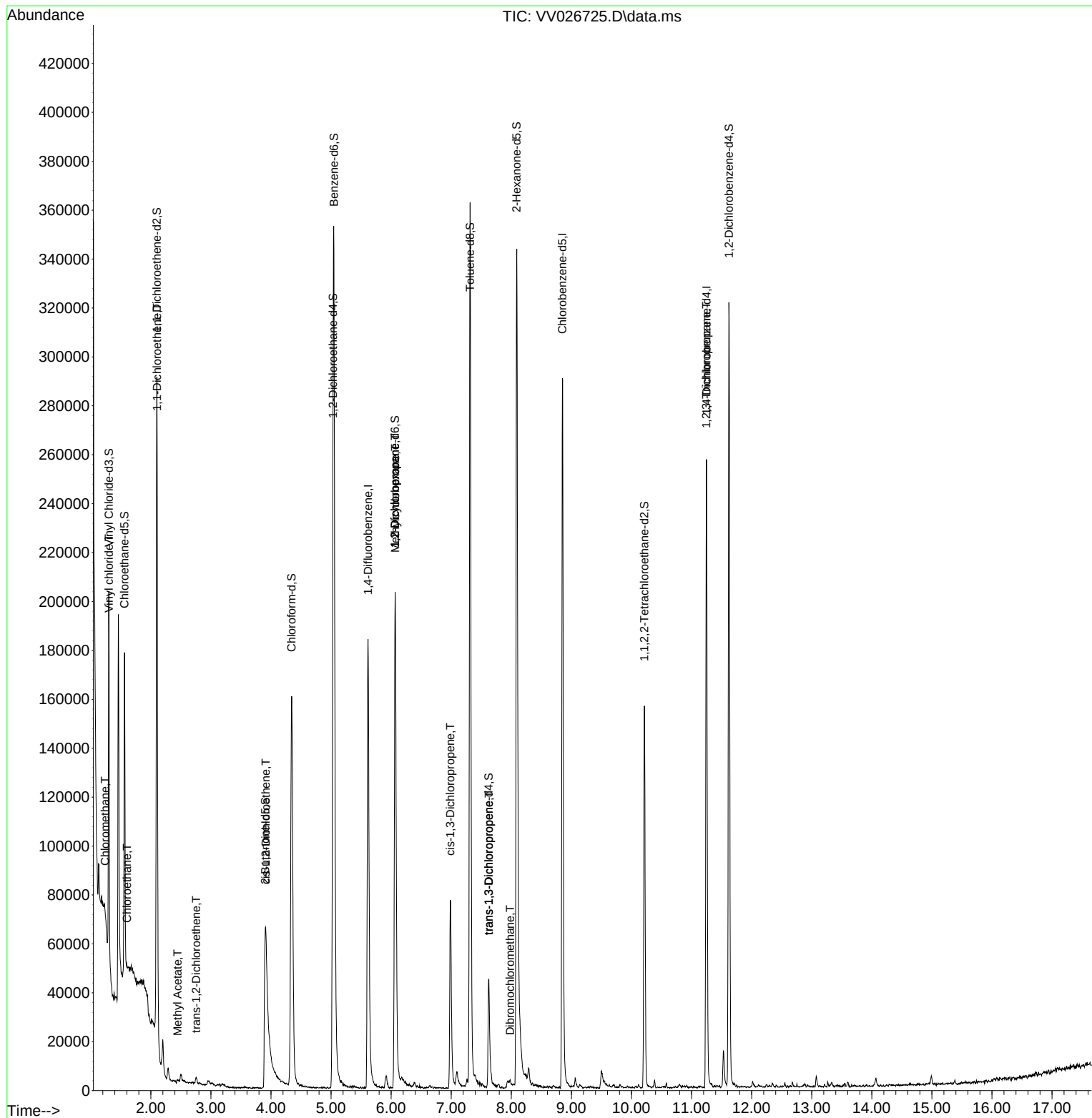
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	98019	6.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.600%#
7) Chloroethane-d5	1.561	69	88822	6.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.000%#
11) 1,1-Dichloroethene-d2	2.098	63	142963	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.905	46	163830	70.498	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.000%#
24) Chloroform-d	4.342	84	175201	6.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.600%#
26) 1,2-Dichloroethane-d4	5.030	65	79634	7.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	140.000%#
32) Benzene-d6	5.047	84	323258	6.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.400%#
36) 1,2-Dichloropropane-d6	6.066	67	103618	6.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	137.200%
41) Toluene-d8	7.313	98	250430	5.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
43) trans-1,3-Dichloroprop...	7.622	79	28448	5.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.200%
46) 2-Hexanone-d5	8.088	63	135072	63.157	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	76110	6.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	82940	7.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	141.400%#
Target Compounds						Qvalue
3) Chloromethane	1.236	50	3867	0.194	ug/L	97
5) Vinyl chloride	1.304	62	2580	0.127	ug/L #	33
8) Chloroethane	1.603	64	70652	5.915	ug/L #	50
12) 1,1-Dichloroethene	2.105	96	1199	0.084	ug/L #	1
15) Methyl Acetate	2.442	43	1192	0.301	ug/L #	84
18) trans-1,2-Dichloroethene	2.754	96	1126	0.086	ug/L	81
22) cis-1,2-Dichloroethene	3.912	96	5800	0.437	ug/L	92
35) Methylcyclohexane	6.069	83	24782	1.192	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	11437	0.863	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	2111	0.128	ug/L #	23
44) trans-1,3-Dichloropropene	7.625	75	1264	0.093	ug/L	100
49) Dibromochloromethane	7.982	129	290	0.026	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	8474	1.365	ug/L #	64

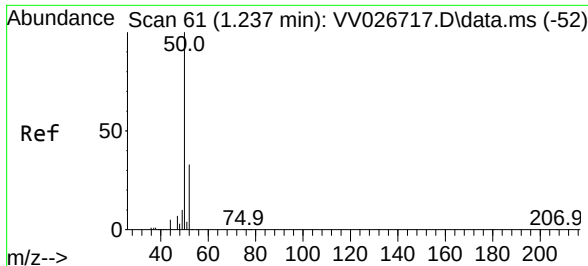
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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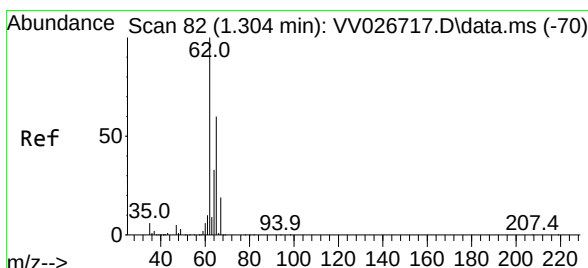
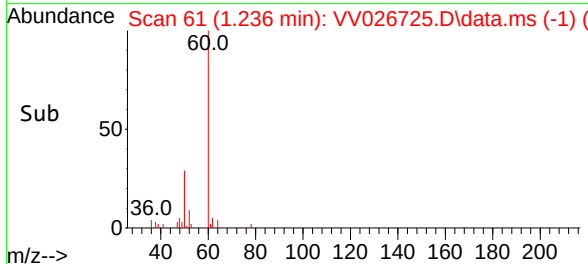
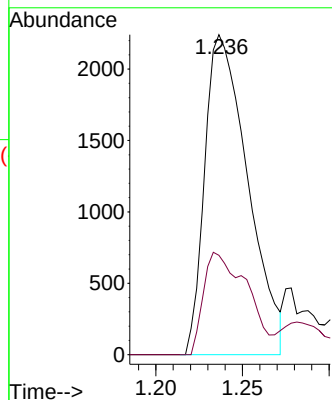
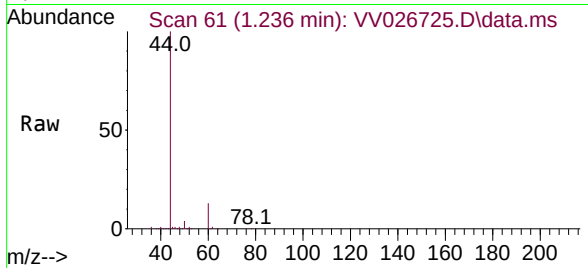




#3
Chloromethane
Concen: 0.194 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

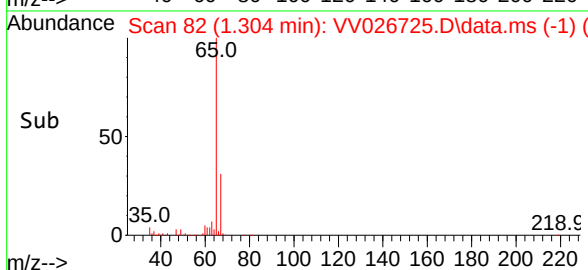
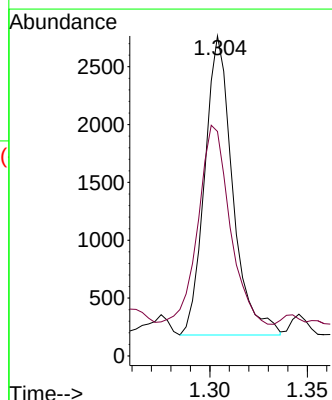
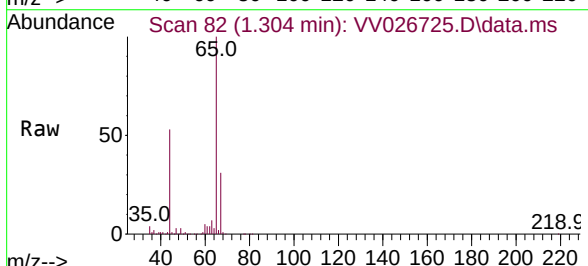
Instrument :
MSVOA_V
ClientSampleId :
DBUB4

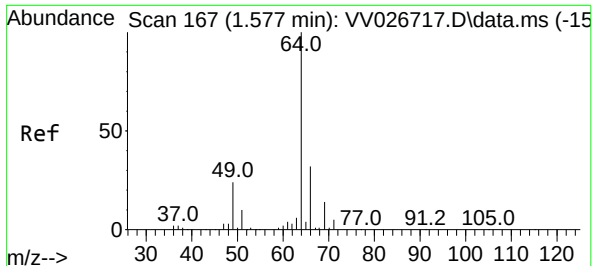
Tgt Ion: 50 Resp: 3867
Ion Ratio Lower Upper
50 100
52 31.1 22.8 42.4



#5
Vinyl chloride
Concen: 0.127 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

Tgt Ion: 62 Resp: 2580
Ion Ratio Lower Upper
62 100
64 70.1 22.9 42.5#

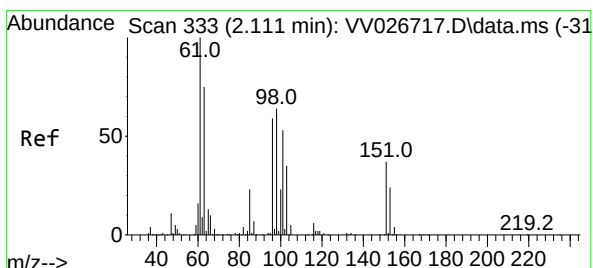
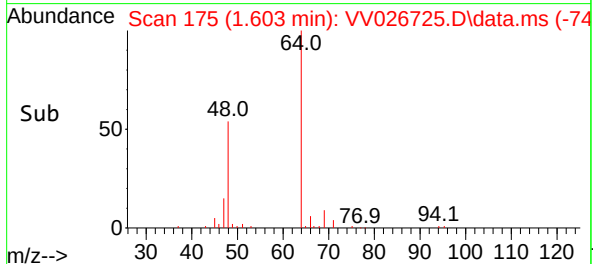
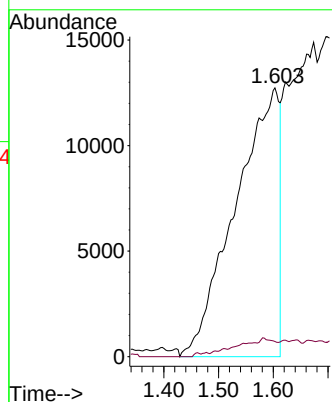
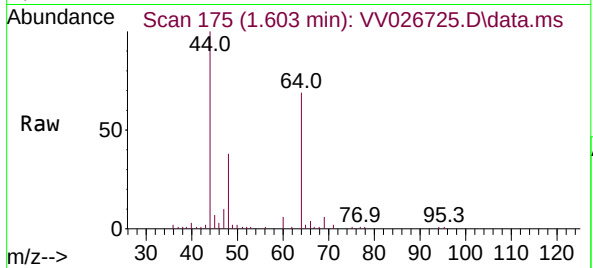




#8
Chloroethane
Concen: 5.915 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

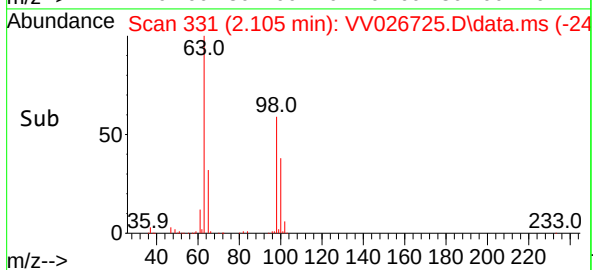
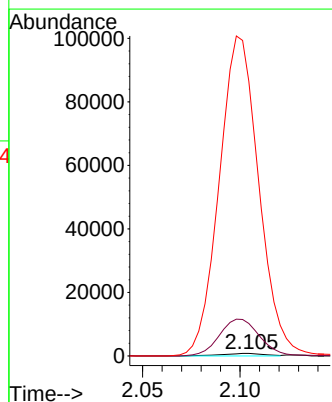
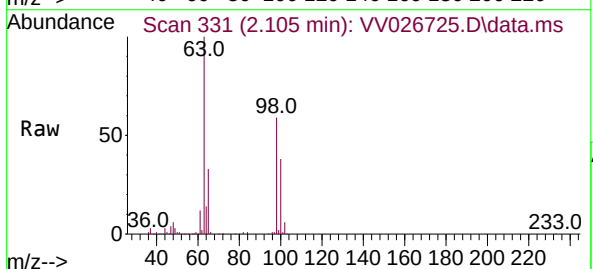
Instrument :
MSVOA_V
ClientSampleId :
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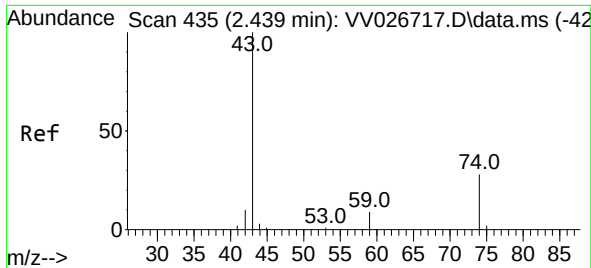
Tgt Ion: 64 Resp: 70652
Ion Ratio Lower Upper
64 100
66 5.7 23.9 44.5#



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

Tgt Ion: 96 Resp: 1199
Ion Ratio Lower Upper
96 100
61 1278.0 118.3 219.7#
63 10806.0 79.9 148.3#

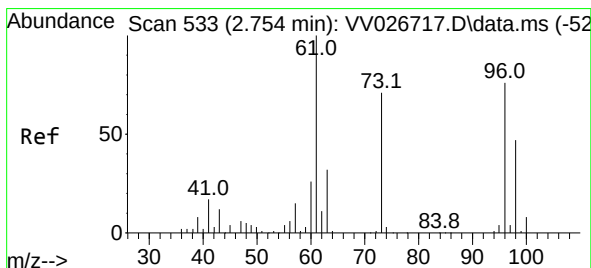
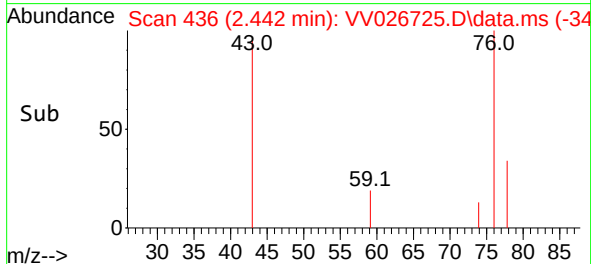
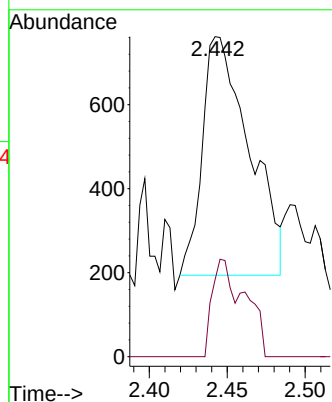
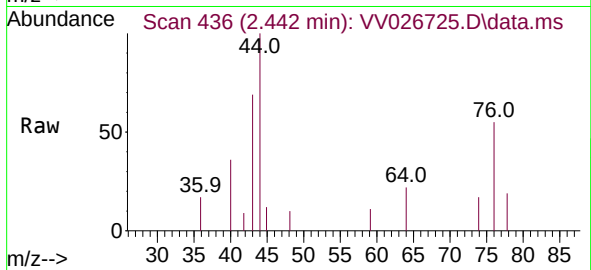




#15
Methyl Acetate
Concen: 0.301 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

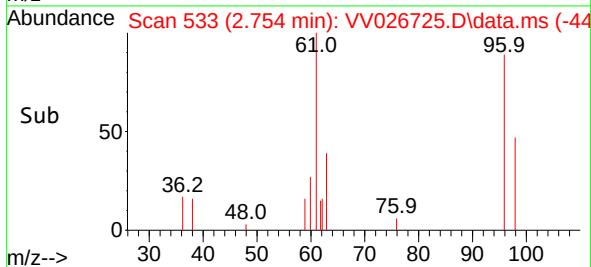
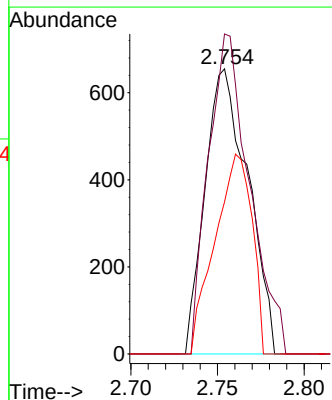
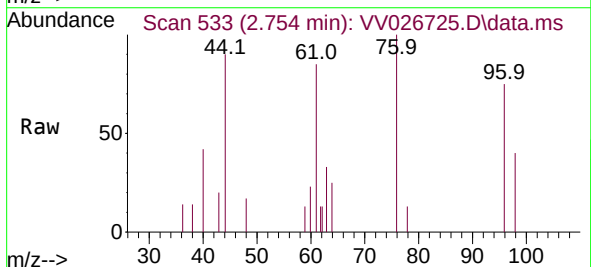
Instrument :
MSVOA_V
ClientSampleId :
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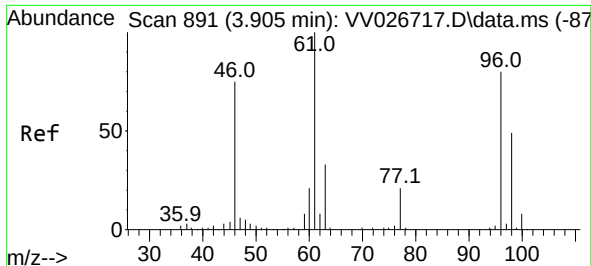
Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
74 17.2 20.1 30.1#



#18
trans-1,2-Dichloroethene
Concen: 0.086 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

Tgt Ion: 96 Resp: 1126
Ion Ratio Lower Upper
96 100
61 112.2 94.7 175.9
98 53.3 47.4 88.0

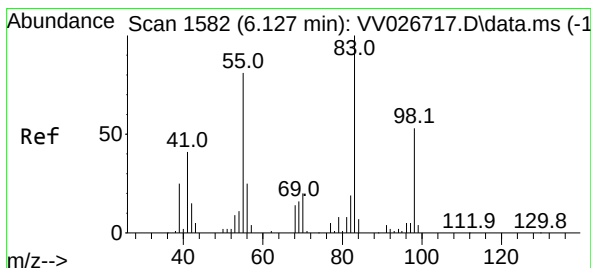
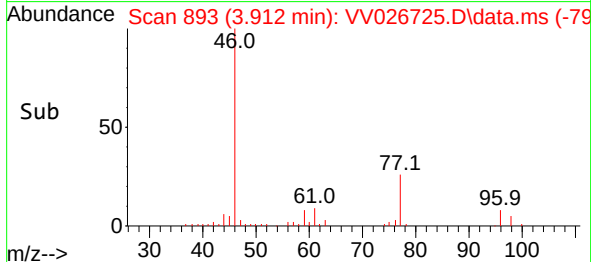
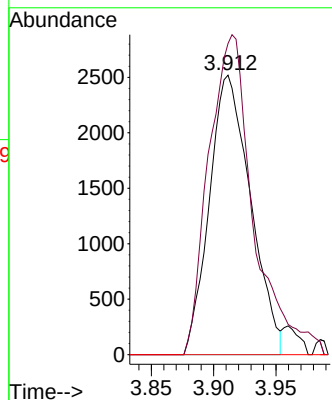
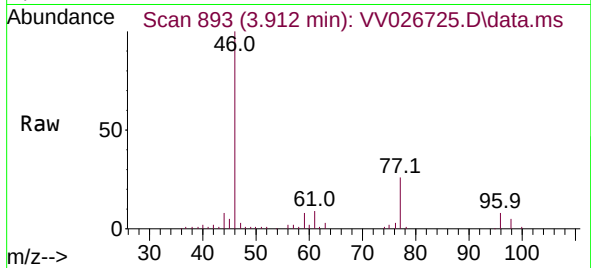




#22
 cis-1,2-Dichloroethene
 Concen: 0.437 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV026725.D
 Acq: 12 Jul 2022 14:33

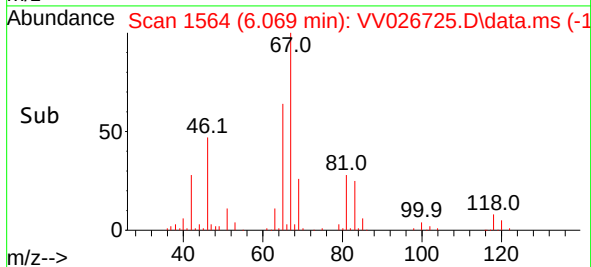
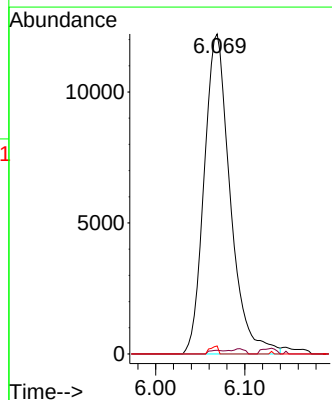
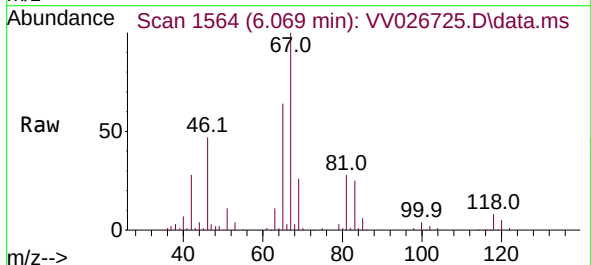
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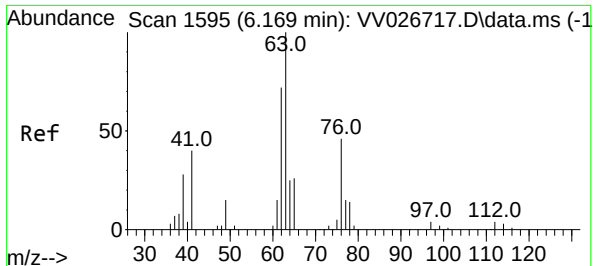
Tgt Ion: 96 Resp: 5800
 Ion Ratio Lower Upper
 96 100
 61 111.3 83.9 155.9
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 1.192 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.058 min
 Lab File: VV026725.D
 Acq: 12 Jul 2022 14:33

Tgt Ion: 83 Resp: 24782
 Ion Ratio Lower Upper
 83 100
 55 0.6 59.5 89.3#
 98 0.8 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.863 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026725.D

Acq: 12 Jul 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

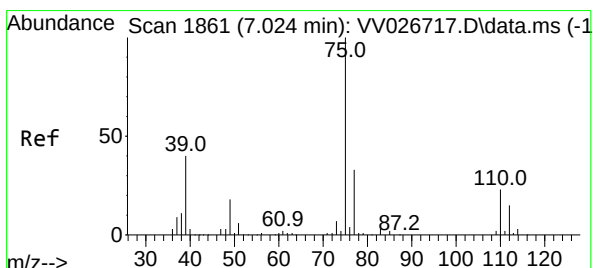
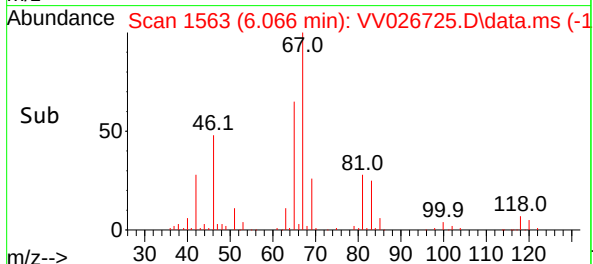
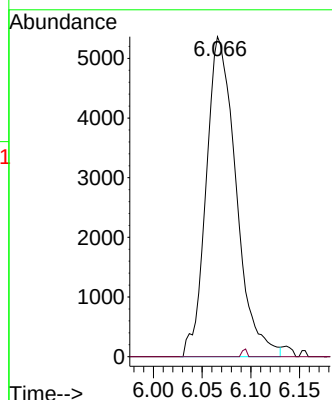
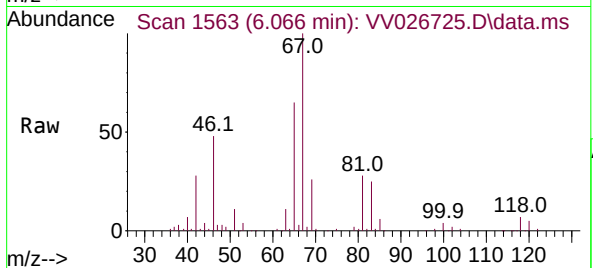
DBUB4

Tgt Ion: 63 Resp: 11437

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV026725.D

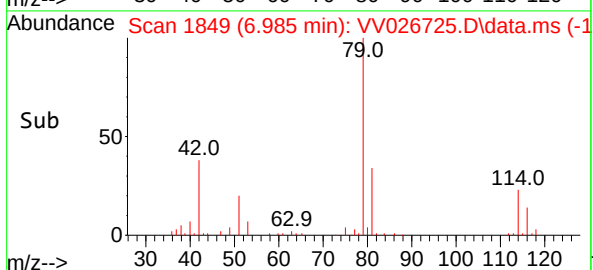
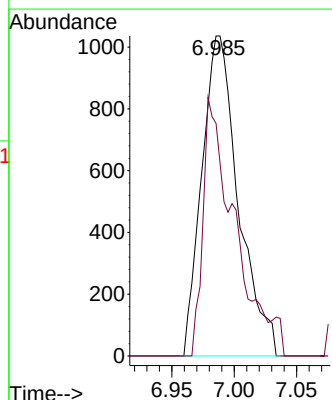
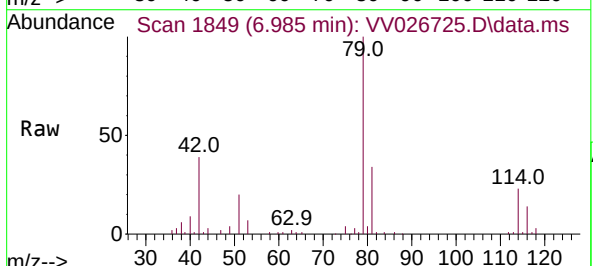
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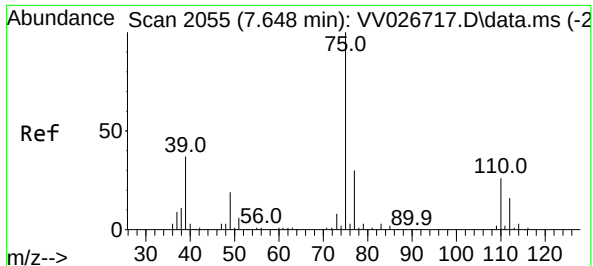
Tgt Ion: 75 Resp: 2111

Ion Ratio Lower Upper

75 100

77 72.7 21.4 39.8#

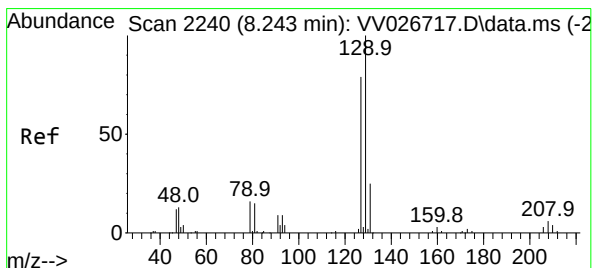
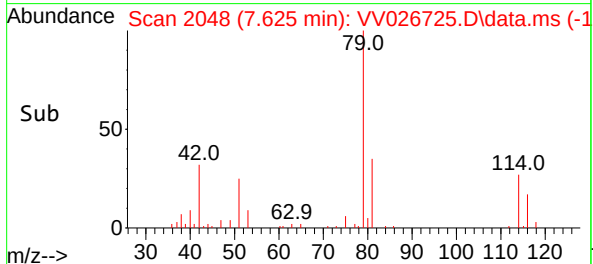
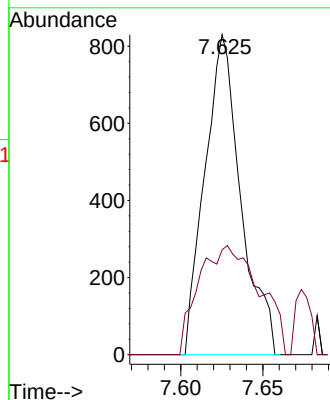
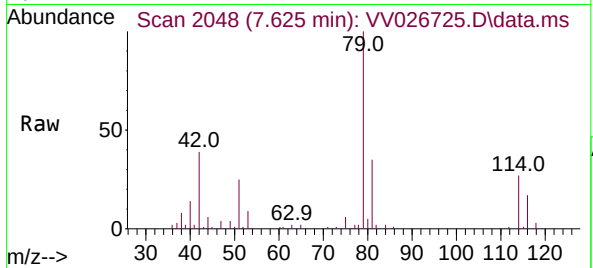




#44
trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

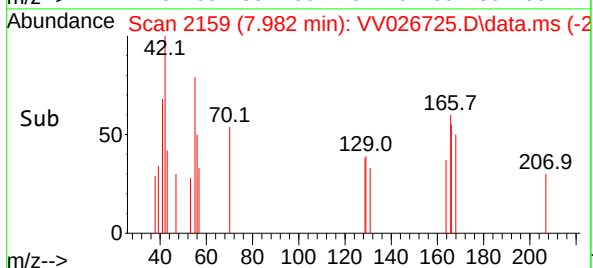
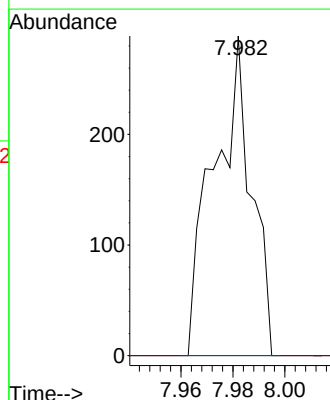
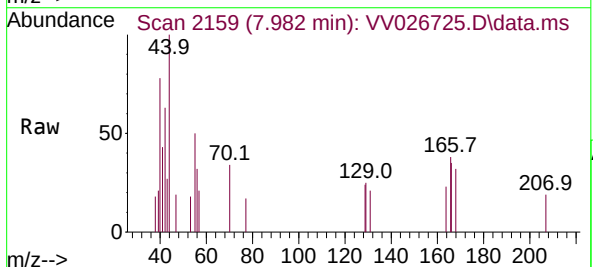
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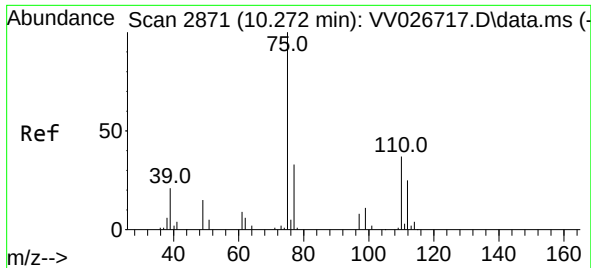
Tgt Ion: 75 Resp: 1264
Ion Ratio Lower Upper
75 100
77 32.8 22.7 42.3



#49
Dibromochloromethane
Concen: 0.026 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.261 min
Lab File: VV026725.D
Acq: 12 Jul 2022 14:33

Tgt Ion: 129 Resp: 290
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.365 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV026725.D

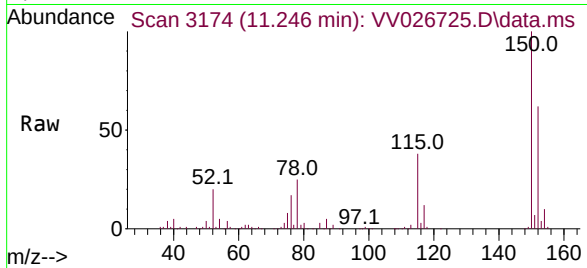
Acq: 12 Jul 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

DBUB4



Tgt Ion: 75 Resp: 8474

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

110 1.0 31.8 47.6#

