

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026740.D
 Acq On : 12 Jul 2022 21:02
 Operator : SY/MD
 Sample : N3658-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP3

Quant Time: Jul 13 03:05:48 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

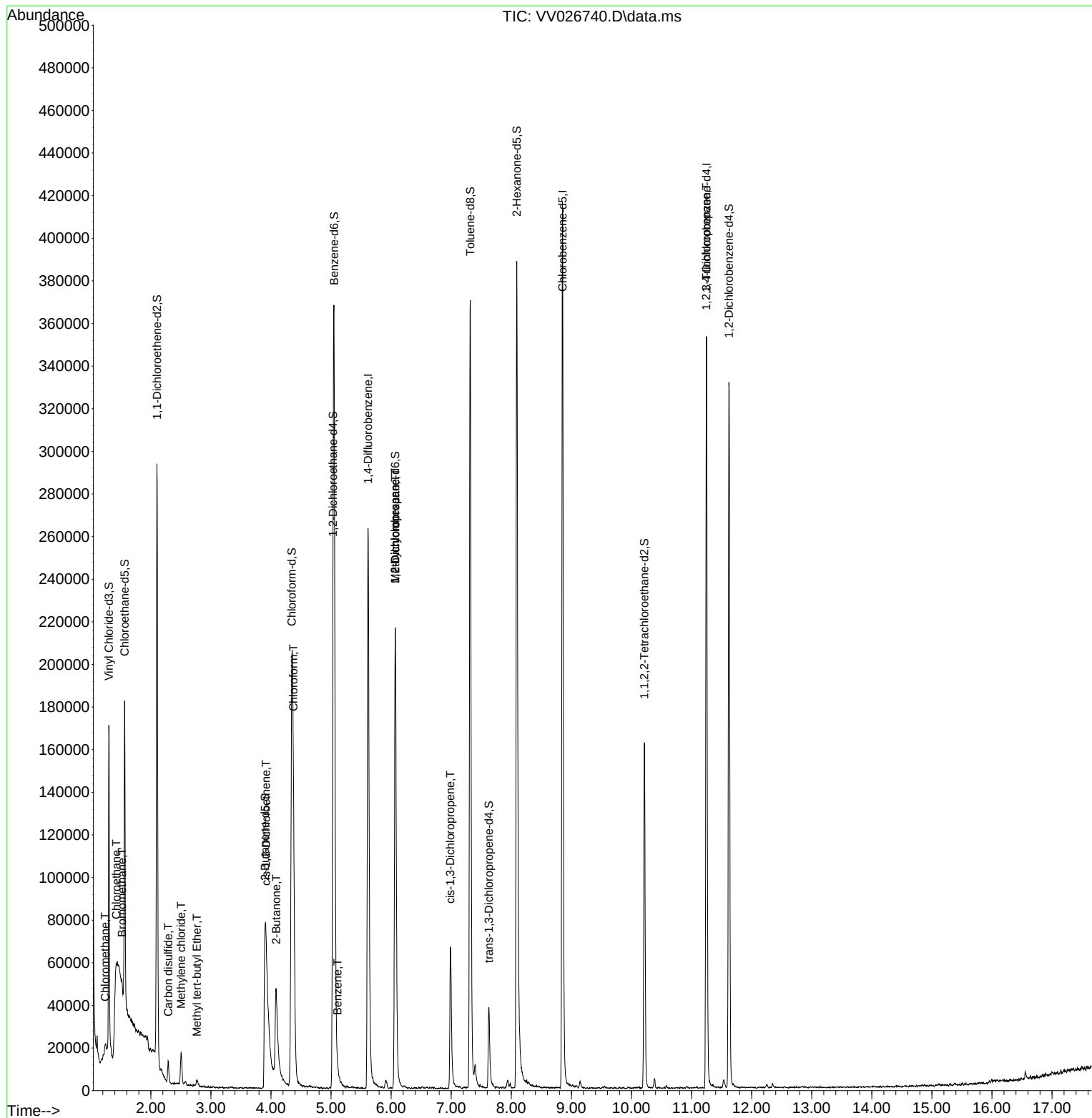
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	229680	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	232017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	97416	4.649	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.565	69	88693	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.101	63	144562	3.594	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.902	46	178723	54.651	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.300%	
24) Chloroform-d	4.346	84	188622	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.031	65	85859	5.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.200%	
32) Benzene-d6	5.050	84	341462	4.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.069	67	109172	5.165	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.317	98	256909	4.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.625	79	24791	3.585	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.600%	
46) 2-Hexanone-d5	8.092	63	138669	46.311	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.620%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	78964	4.795	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	86382	5.492	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
						Qvalue
3) Chloromethane	1.237	50	2112	0.075	ug/L	89
6) Bromomethane	1.519	94	923	0.054	ug/L	97
8) Chloroethane	1.423	64	62671	3.728	ug/L #	49
14) Carbon disulfide	2.288	76	11760	0.198	ug/L	96
16) Methylene chloride	2.503	84	6216	0.259	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	1752	0.050	ug/L #	80
21) 2-Butanone	4.085	43	82339	25.660	ug/L #	47
22) cis-1,2-Dichloroethene	3.915	96	722	0.039	ug/L #	25
25) Chloroform	4.371	83	102886	2.906	ug/L	93
33) Benzene	5.105	78	3941	0.051	ug/L	100
35) Methylcyclohexane	6.069	83	26925	0.925	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	12525	0.675	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1913	0.083	ug/L #	67
61) 1,2,3-Trichloropropane	11.246	75	11240	1.350	ug/L #	64

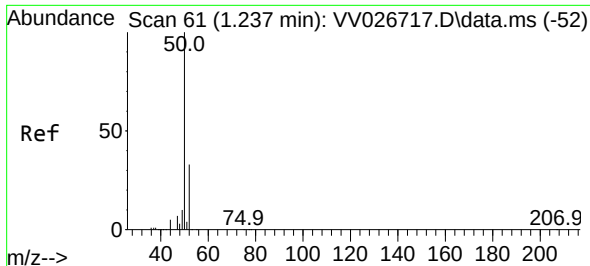
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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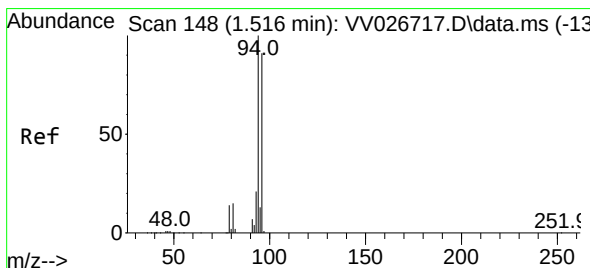
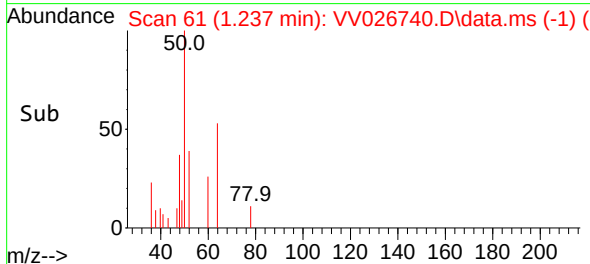
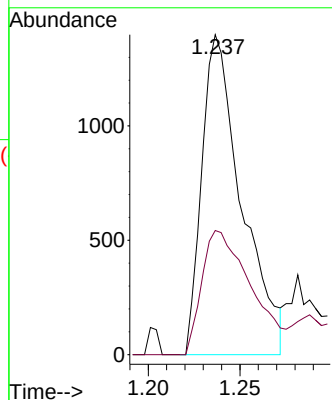
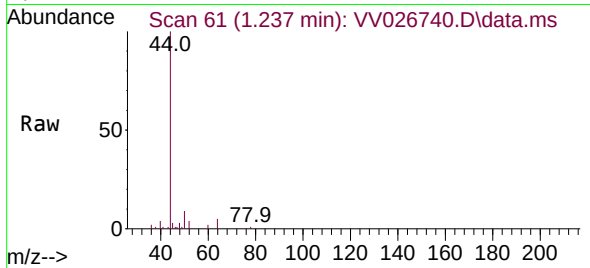




#3
Chloromethane
Concen: 0.075 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

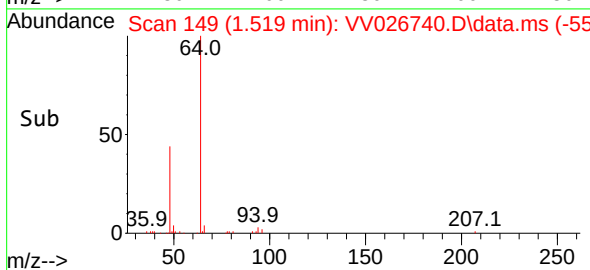
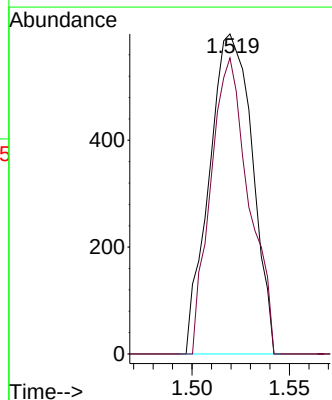
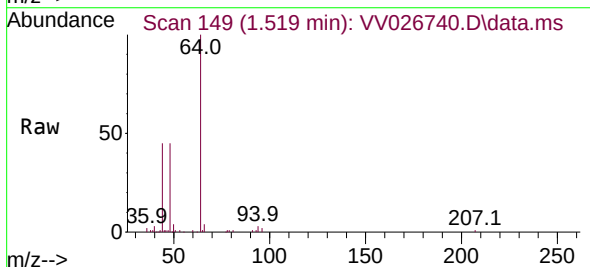
Instrument :
MSVOA_V
ClientSampleId :
C0AP3

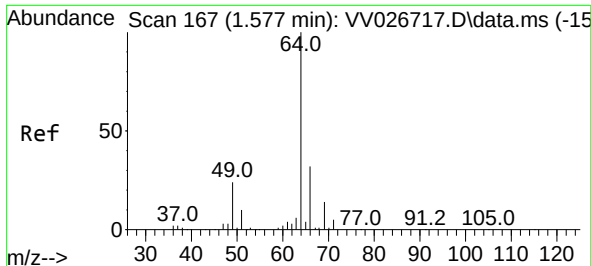
Tgt Ion: 50 Resp: 2112
Ion Ratio Lower Upper
50 100
52 38.8 22.8 42.4



#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

Tgt Ion: 94 Resp: 923
Ion Ratio Lower Upper
94 100
96 92.5 67.1 124.7

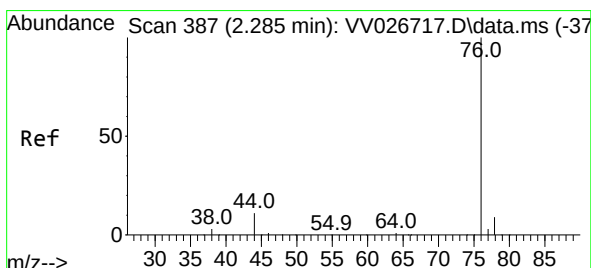
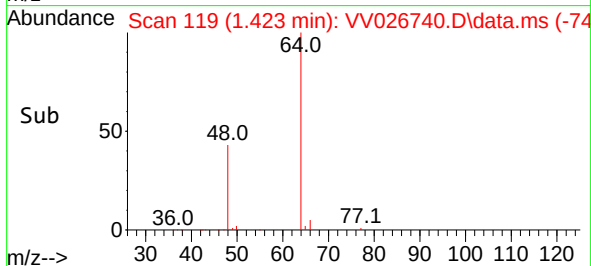
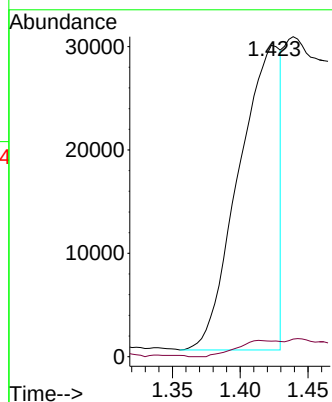
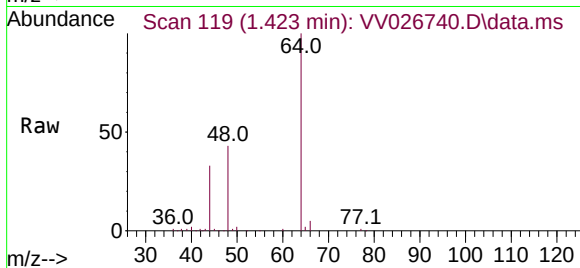




#8
Chloroethane
Concen: 3.728 ug/L
RT: 1.423 min Scan# 11
Delta R.T. -0.154 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

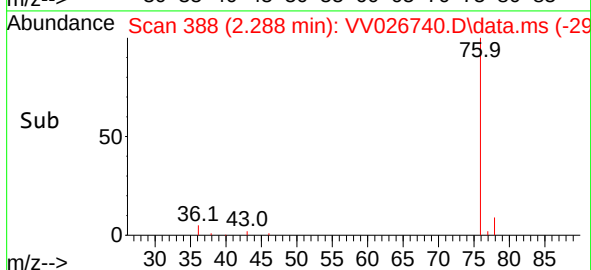
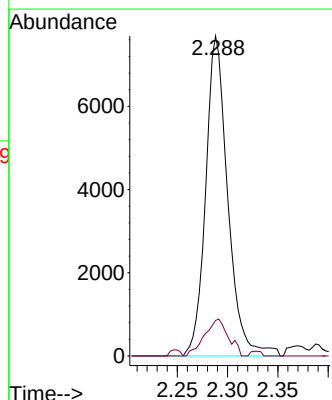
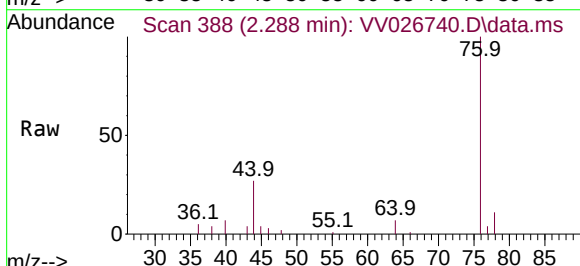
Instrument :
MSVOA_V
ClientSampleId :
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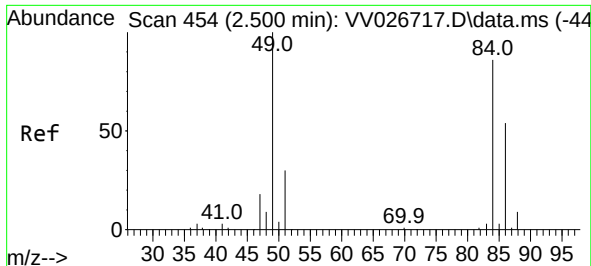
Tgt Ion: 64 Resp: 62671
Ion Ratio Lower Upper
64 100
66 5.0 23.9 44.5#



#14
Carbon disulfide
Concen: 0.198 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

Tgt Ion: 76 Resp: 11760
Ion Ratio Lower Upper
76 100
78 11.1 7.7 11.5

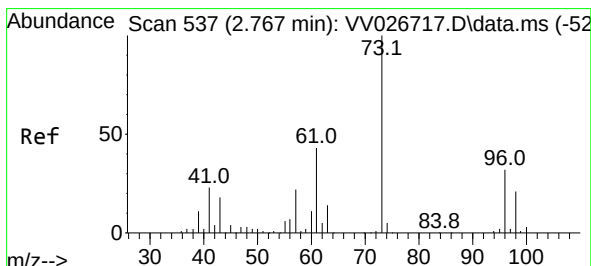
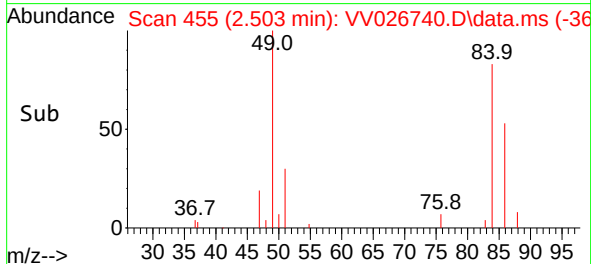
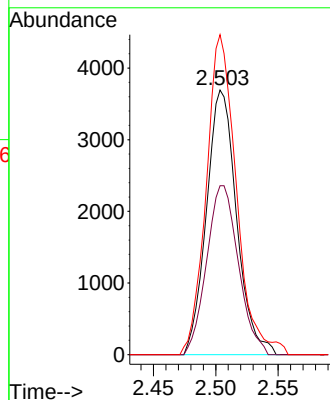
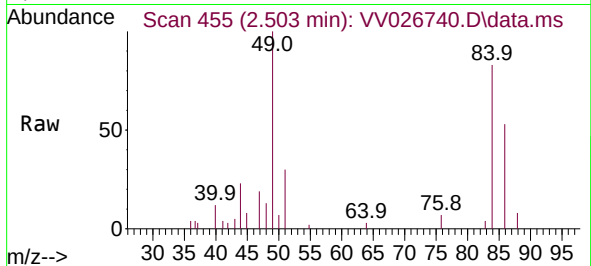




#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

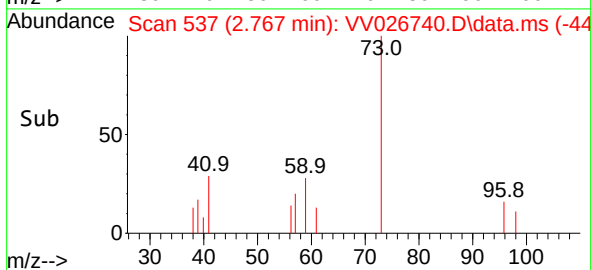
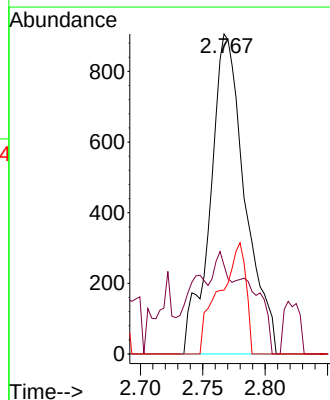
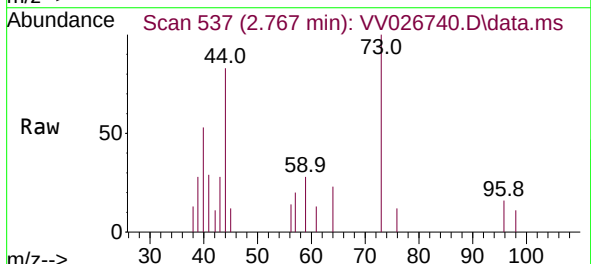
Instrument :
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ClientSampleId :
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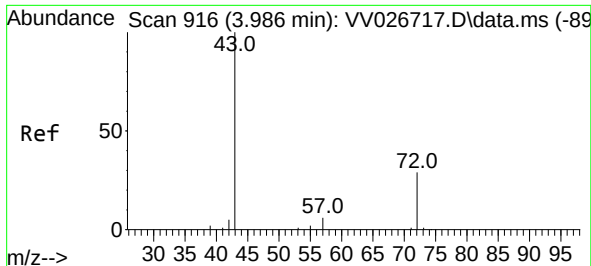
Tgt Ion: 84 Resp: 6216
Ion Ratio Lower Upper
84 100
86 63.8 44.8 83.2
49 120.9 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.050 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

Tgt Ion: 73 Resp: 1752
Ion Ratio Lower Upper
73 100
43 3.0 14.0 21.0#
57 26.4 17.6 26.4#

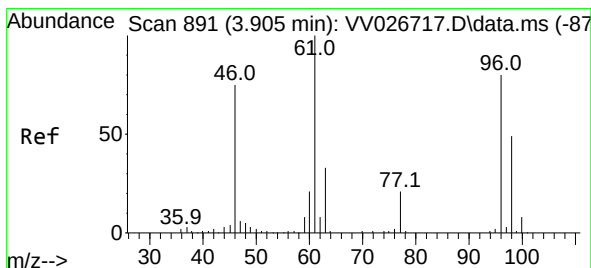
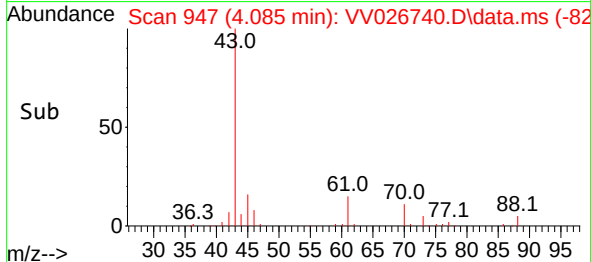
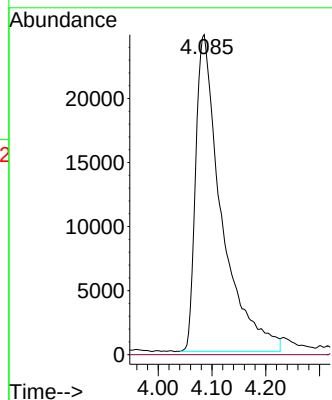
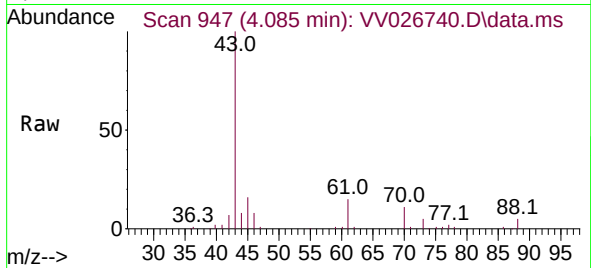




#21
2-Butanone
Concen: 25.660 ug/L
RT: 4.085 min Scan# 947
Delta R.T. 0.100 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

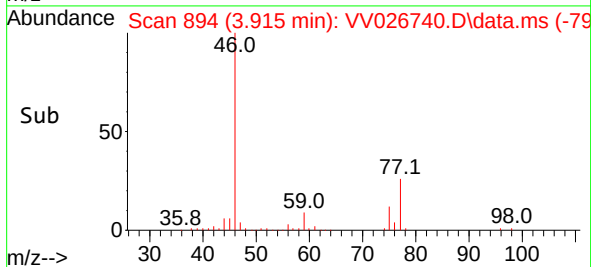
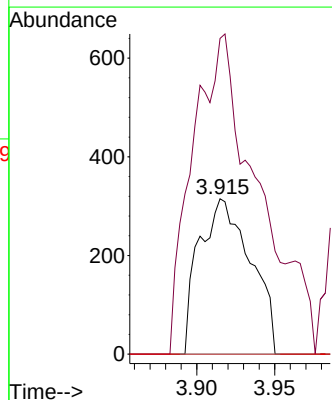
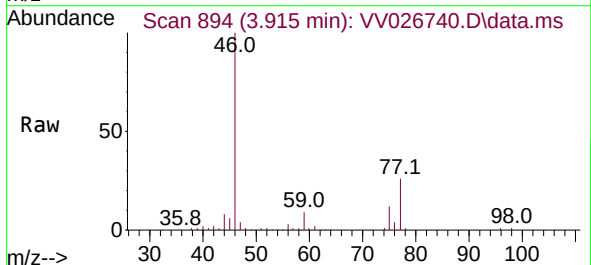
Instrument :
MSVOA_V
ClientSampleId :
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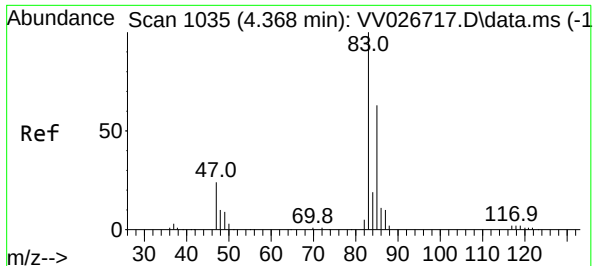
Tgt Ion: 43 Resp: 82339
Ion Ratio Lower Upper
43 100
72 0.0 13.9 41.7#



#22
cis-1,2-Dichloroethene
Concen: 0.039 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV026740.D
Acq: 12 Jul 2022 21:02

Tgt Ion: 96 Resp: 722
Ion Ratio Lower Upper
96 100
61 203.2 83.9 155.9#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 2.906 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV026740.D

Acq: 12 Jul 2022 21:02

Instrument :

MSVOA_V

ClientSampleId :

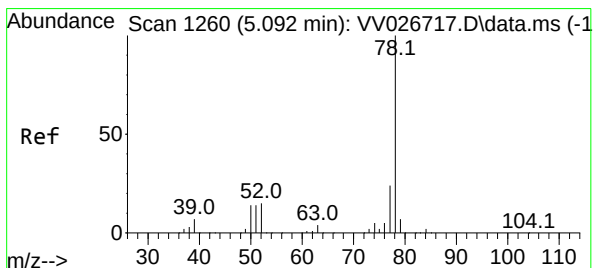
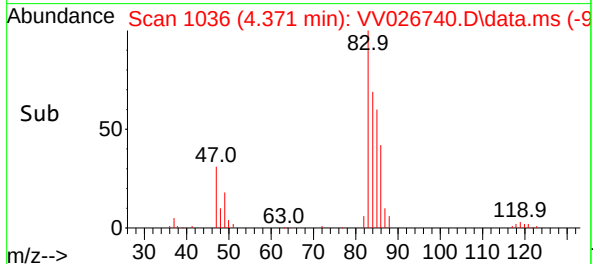
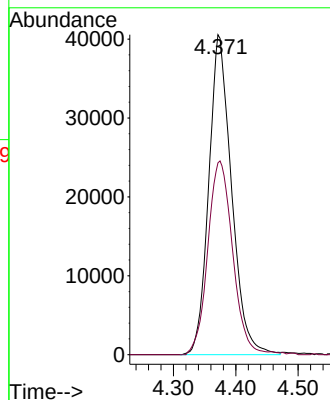
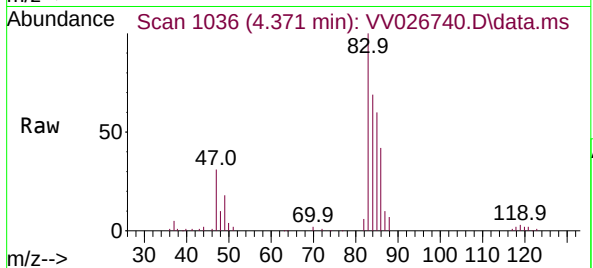
C0AP3

Tgt Ion: 83 Resp: 102886

Ion Ratio Lower Upper

83 100

85 60.0 45.7 84.9



#33

Benzene

Concen: 0.051 ug/L

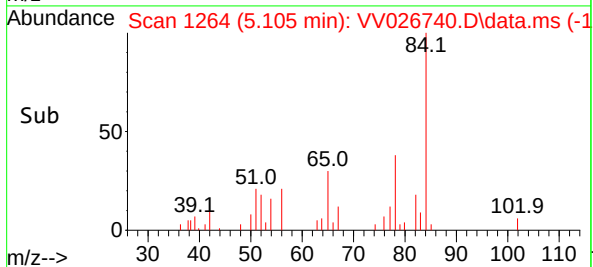
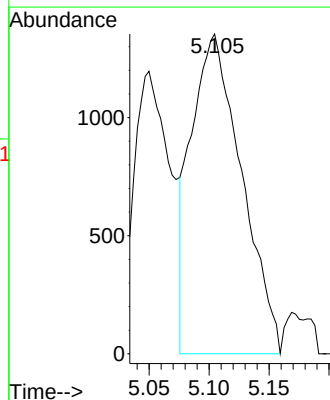
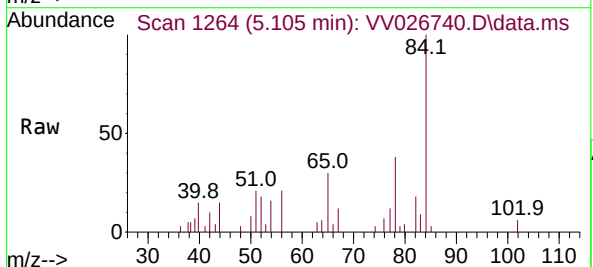
RT: 5.105 min Scan# 1264

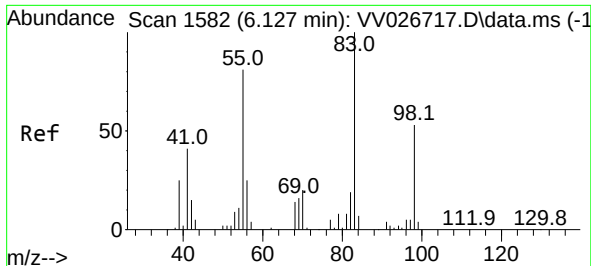
Delta R.T. 0.013 min

Lab File: VV026740.D

Acq: 12 Jul 2022 21:02

Tgt Ion: 78 Resp: 3941





#35

Methylcyclohexane

Concen: 0.925 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV026740.D

Acq: 12 Jul 2022 21:02

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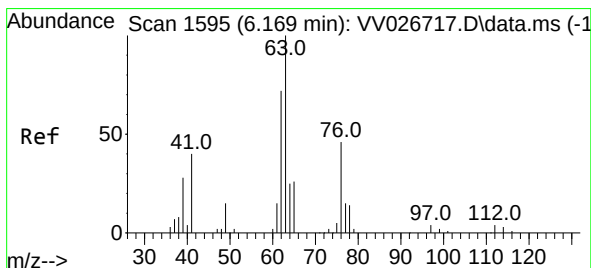
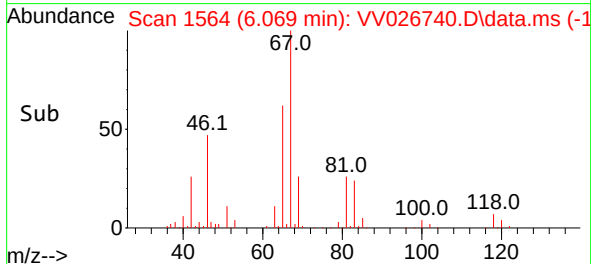
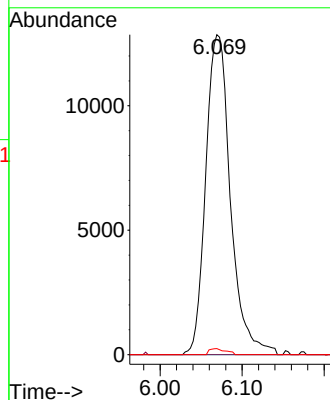
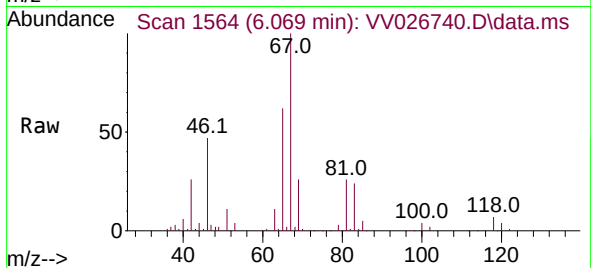
Tgt Ion: 83 Resp: 26925

Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 1.3 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV026740.D

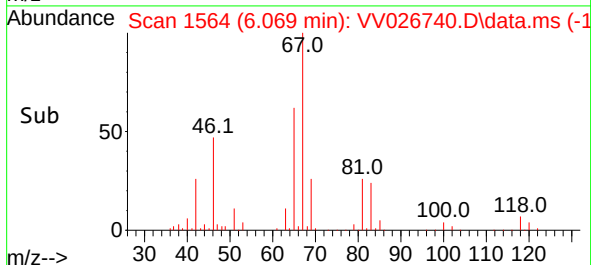
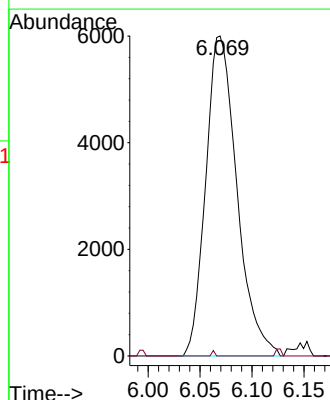
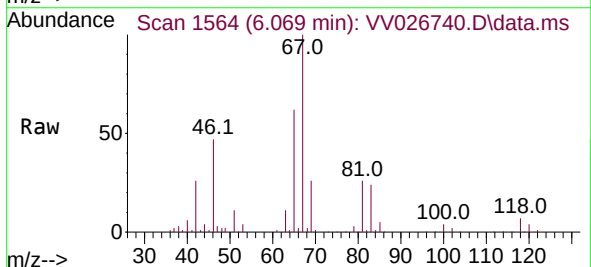
Acq: 12 Jul 2022 21:02

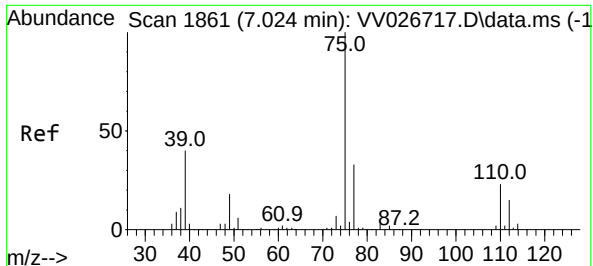
Tgt Ion: 63 Resp: 12525

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026740.D

Acq: 12 Jul 2022 21:02

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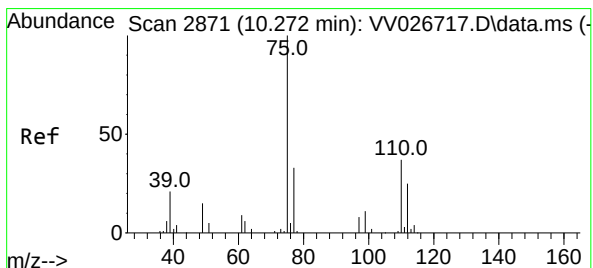
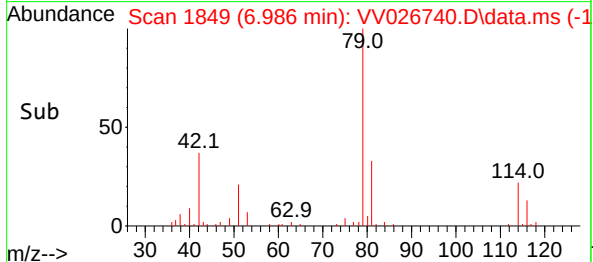
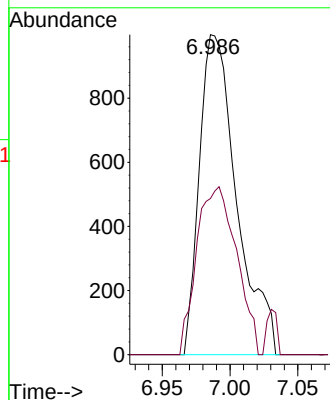
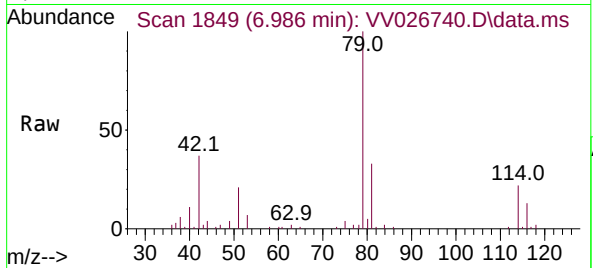
C0AP3

Tgt Ion: 75 Resp: 1913

Ion Ratio Lower Upper

75 100

77 48.8 21.4 39.8#



#61

1,2,3-Trichloropropane

Concen: 1.350 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026740.D

Acq: 12 Jul 2022 21:02

Tgt Ion: 75 Resp: 11240

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0

110 2.6 31.8 47.6#

