

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026774.D
 Acq On : 14 Jul 2022 13:42
 Operator : SY/MD
 Sample : N3658-07DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ1DL

Quant Time: Jul 15 06:42:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

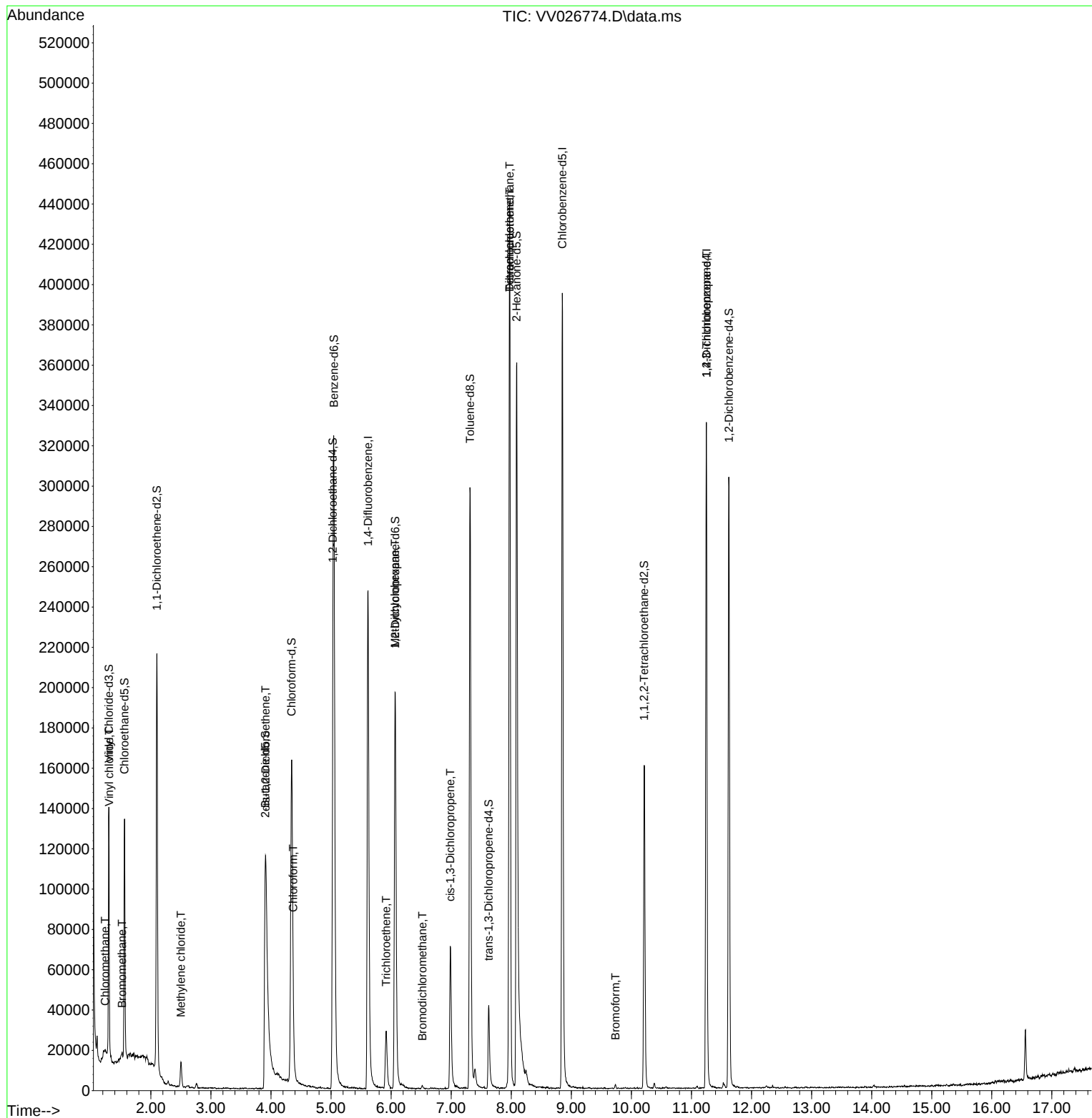
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	215860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	225288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	76361	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.561	69	75027	4.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.098	63	109676	2.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.905	46	153736	50.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.040%
24) Chloroform-d	4.342	84	172164	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.031	65	80548	5.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.047	84	298029	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.069	67	102384	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.313	98	211220	3.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.625	79	26279	3.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.088	63	142479	49.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	81156	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	80015	5.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1085	0.041	ug/L	83
5) Vinyl chloride	1.304	62	3077	0.115	ug/L #	22
6) Bromomethane	1.519	94	1020	0.064	ug/L	90
16) Methylene chloride	2.500	84	5544	0.246	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	20792	1.185	ug/L	91
25) Chloroform	4.368	83	2870	0.086	ug/L #	71
34) Trichloroethene	5.918	95	10326	0.558	ug/L	96
35) Methylcyclohexane	6.066	83	24160	0.855	ug/L #	19
38) Bromodichloromethane	6.519	83	1624	0.069	ug/L #	91
39) cis-1,3-Dichloropropene	6.985	75	2016	0.090	ug/L #	63
47) Tetrachloroethene	7.973	164	95653	6.588	ug/L	98
49) Dibromochloromethane	7.973	129	92318	6.084	ug/L #	10
59) Bromoform	9.735	173	931	0.166	ug/L #	92
61) 1,2,3-Trichloropropane	11.249	75	10578	1.315	ug/L #	65

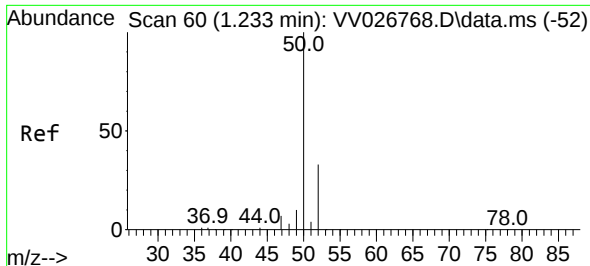
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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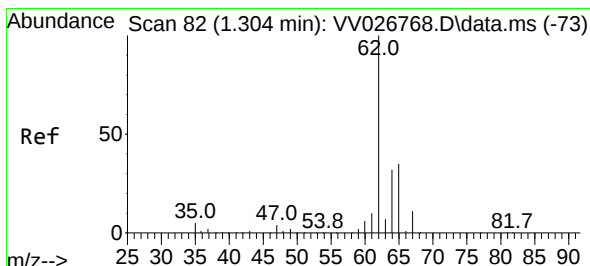
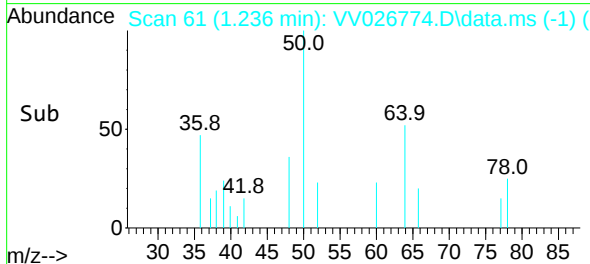
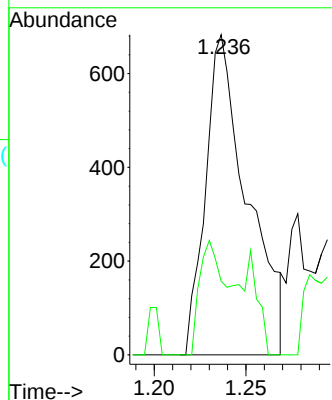
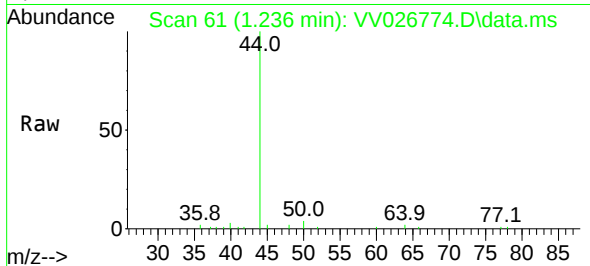




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

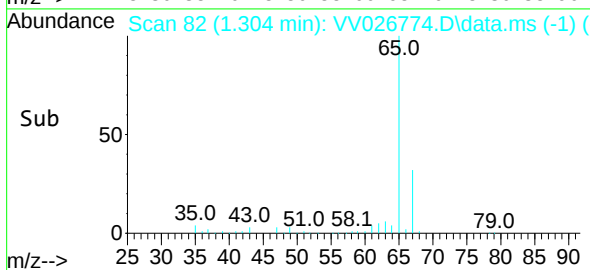
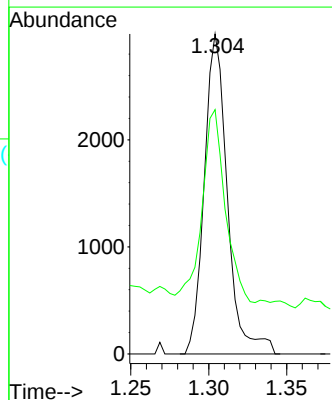
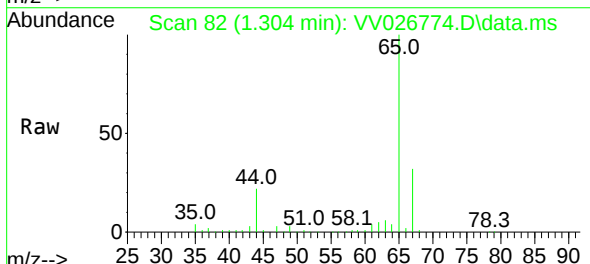
Instrument :
MSVOA_V
ClientSampleId :
C0AJ1DL

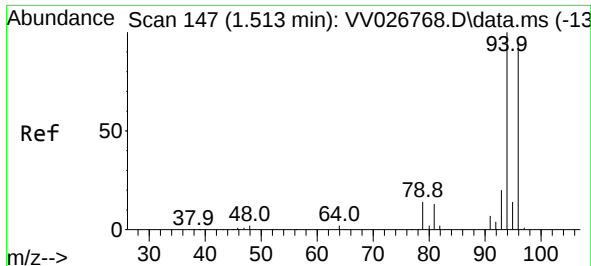
Tgt Ion: 50 Resp: 1085
Ion Ratio Lower Upper
50 100
52 23.0 22.8 42.4



#5
Vinyl chloride
Concen: 0.115 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

Tgt Ion: 62 Resp: 3077
Ion Ratio Lower Upper
62 100
64 76.3 22.9 42.5#

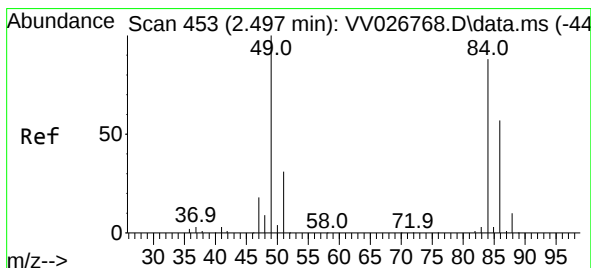
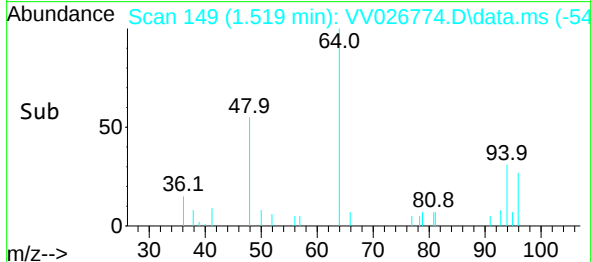
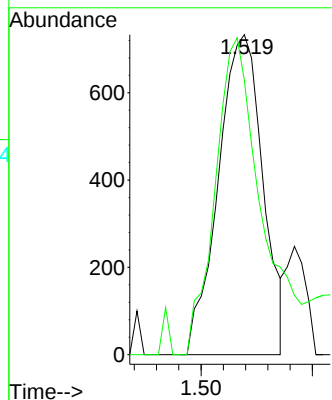
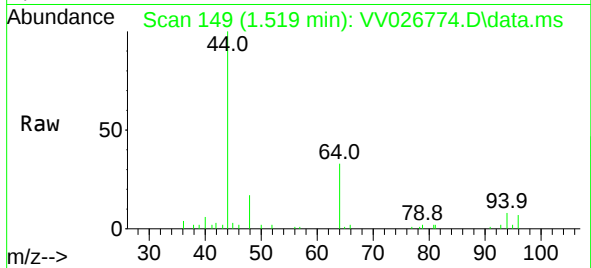




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.519 min Scan# 147
Delta R.T. 0.006 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

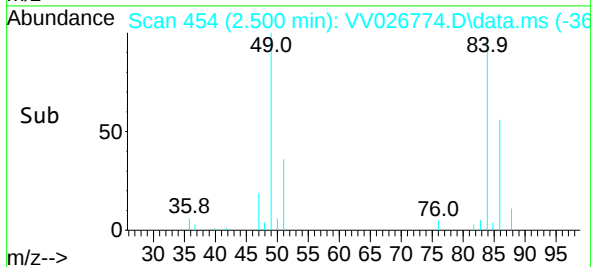
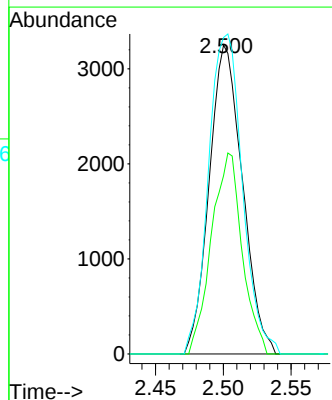
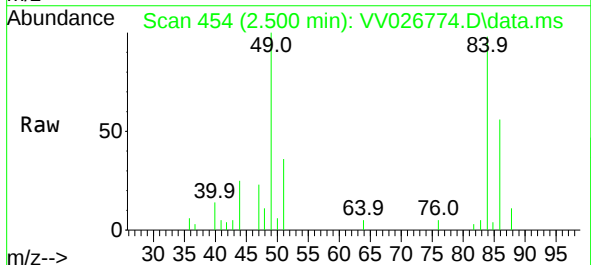
Instrument :
MSVOA_V
ClientSampleId :
C0AJ1DL

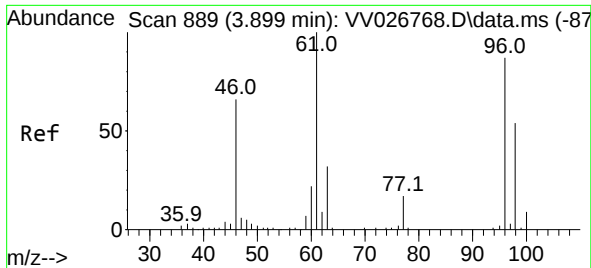
Tgt Ion: 94 Resp: 1020
Ion Ratio Lower Upper
94 100
96 85.8 67.1 124.7



#16
Methylene chloride
Concen: 0.246 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

Tgt Ion: 84 Resp: 5544
Ion Ratio Lower Upper
84 100
86 57.7 44.8 83.2
49 102.5 78.7 146.1

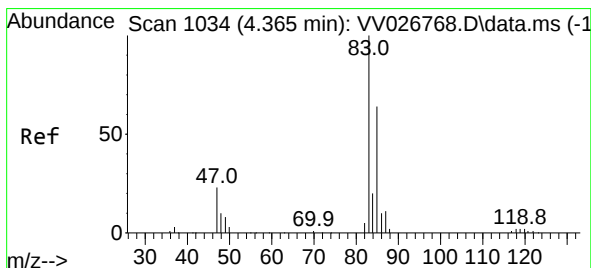
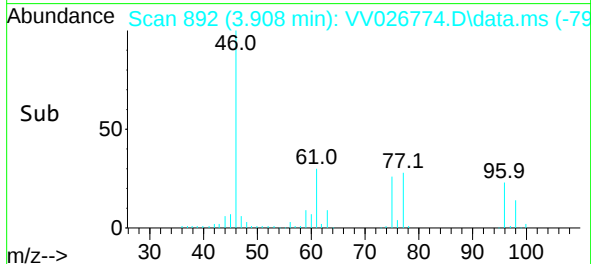
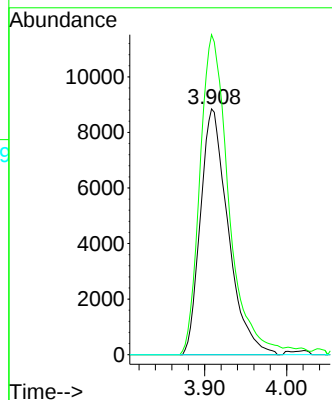
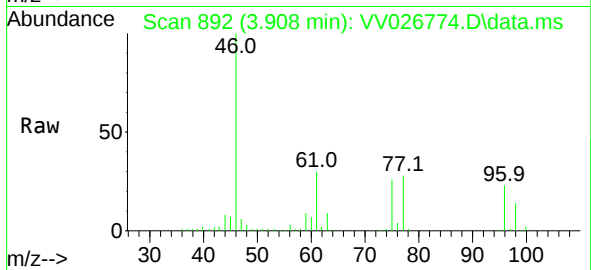




#22
 cis-1,2-Dichloroethene
 Concen: 1.185 ug/L
 RT: 3.908 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV026774.D
 Acq: 14 Jul 2022 13:42

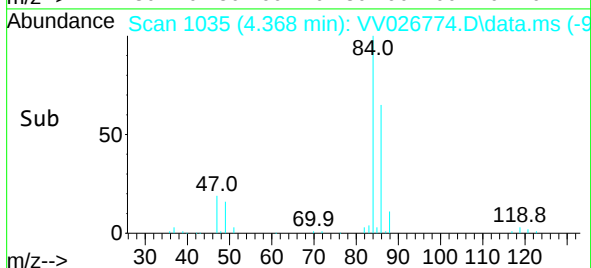
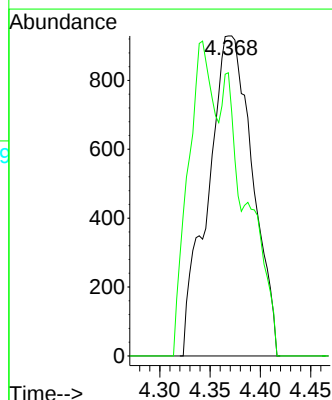
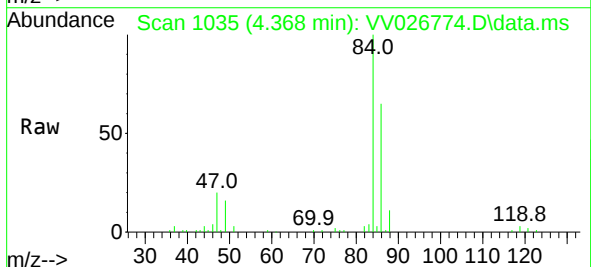
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ1DL

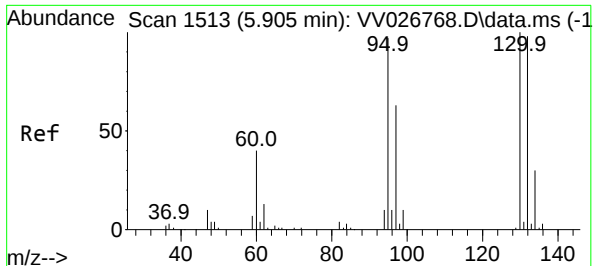
Tgt Ion: 96 Resp: 20792
 Ion Ratio Lower Upper
 96 100
 61 130.2 83.9 155.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.086 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VV026774.D
 Acq: 14 Jul 2022 13:42

Tgt Ion: 83 Resp: 2870
 Ion Ratio Lower Upper
 83 100
 85 88.5 45.7 84.9#



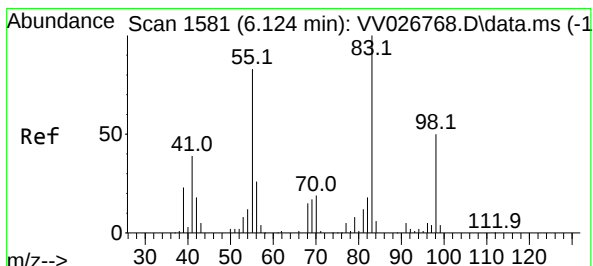
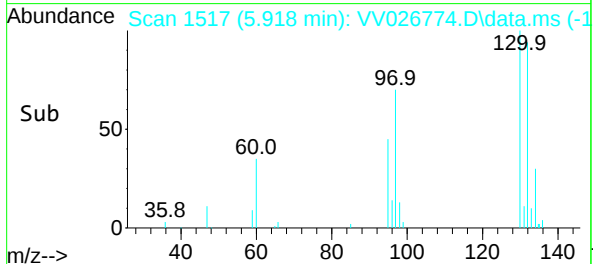
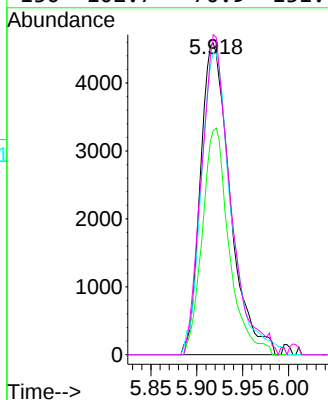
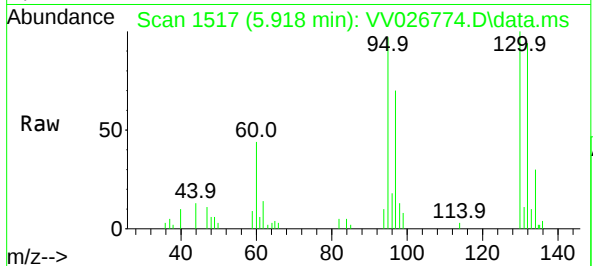


#34
Trichloroethene
Concen: 0.558 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

Instrument :
MSVOA_V
ClientSampleId :
C0AJ1DL

Tgt Ion: 95 Resp: 10326

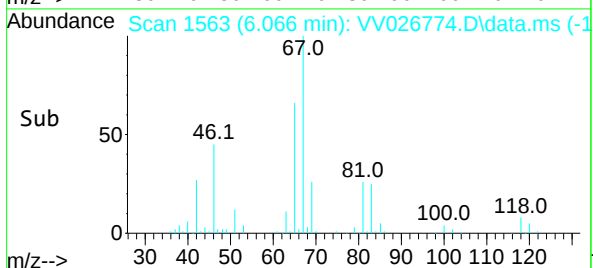
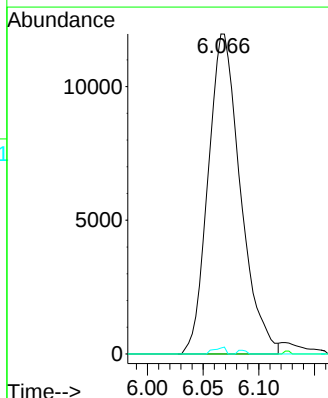
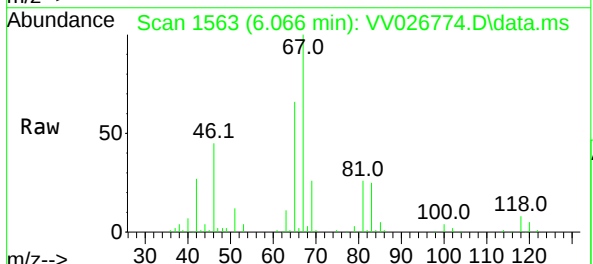
Ion	Ratio	Lower	Upper
95	100		
97	71.9	44.6	82.8
132	96.9	70.2	130.4
130	102.7	70.9	131.7

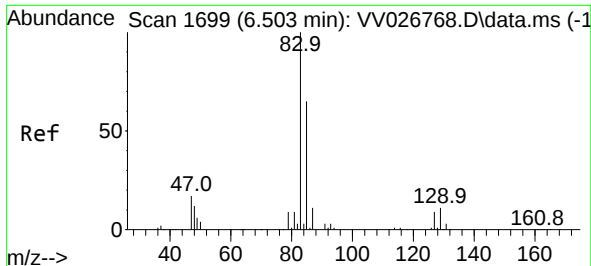


#35
Methylcyclohexane
Concen: 0.855 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

Tgt Ion: 83 Resp: 24160

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.8	38.3	57.5#

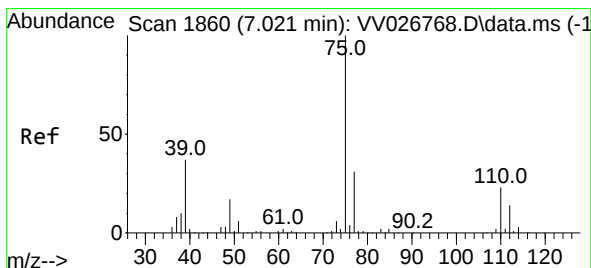
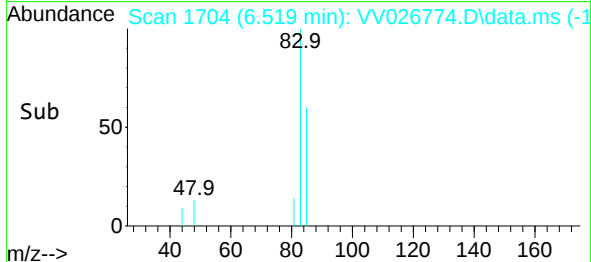
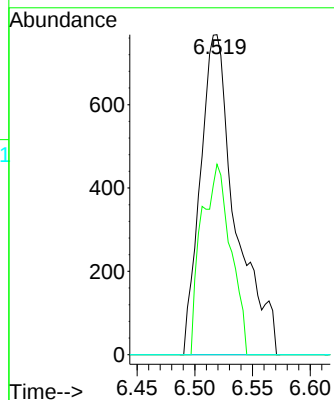
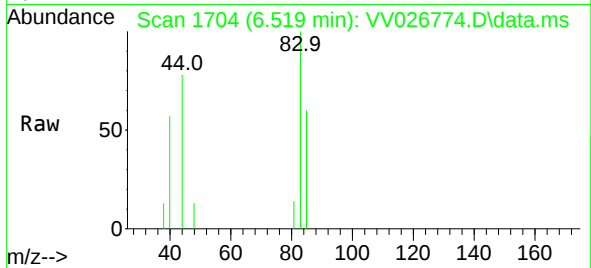




#38
Bromodichloromethane
Concen: 0.069 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

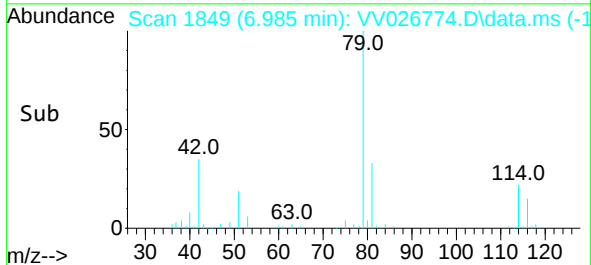
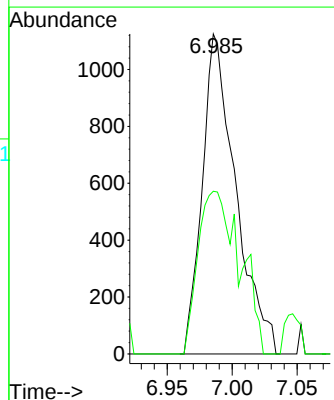
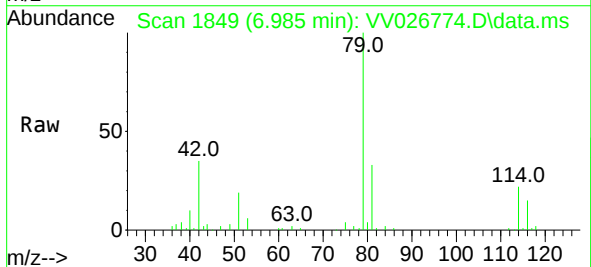
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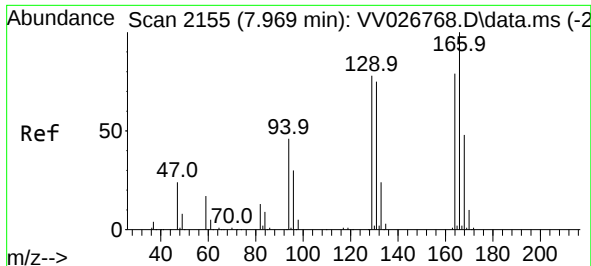
Tgt Ion: 83 Resp: 1624
Ion Ratio Lower Upper
83 100
85 59.5 45.4 84.4
127 0.0 6.6 10.0#



#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

Tgt Ion: 75 Resp: 2016
Ion Ratio Lower Upper
75 100
77 50.8 21.4 39.8#





#47

Tetrachloroethene

Concen: 6.588 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV026774.D

Acq: 14 Jul 2022 13:42

Instrument :

MSVOA_V

ClientSampleId :

C0AJ1DL

Tgt Ion:164 Resp: 95653

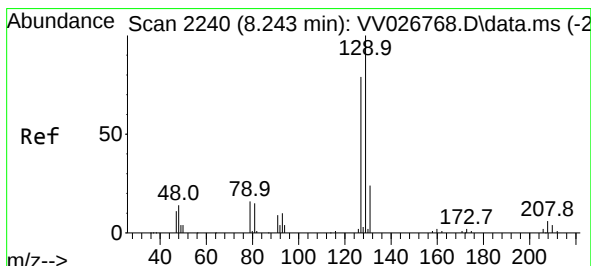
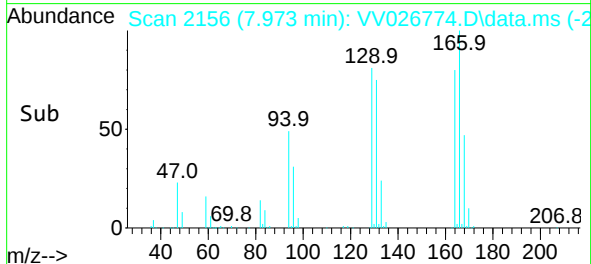
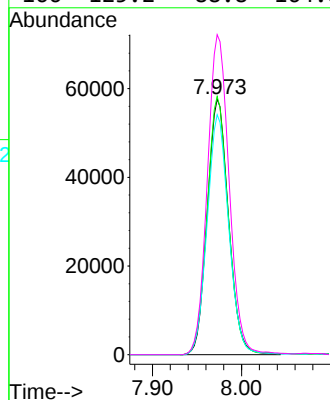
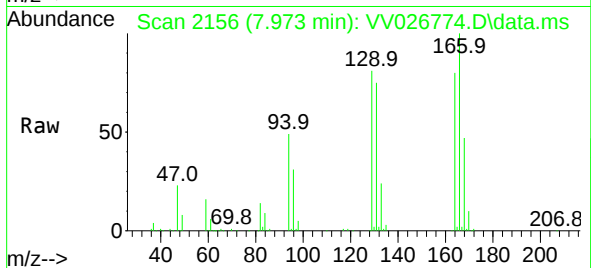
Ion Ratio Lower Upper

164 100

129 101.1 67.8 125.8

131 93.9 65.9 122.5

166 125.2 88.8 164.8



#49

Dibromochloromethane

Concen: 6.084 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV026774.D

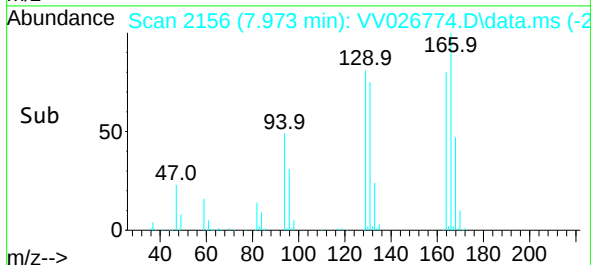
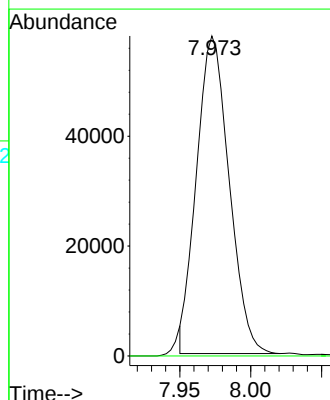
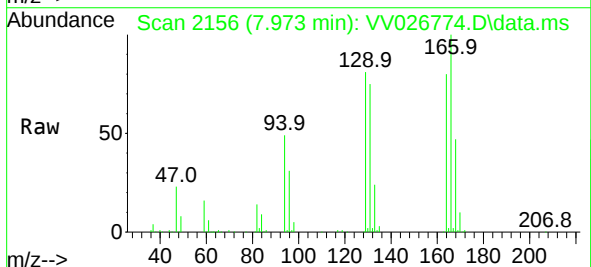
Acq: 14 Jul 2022 13:42

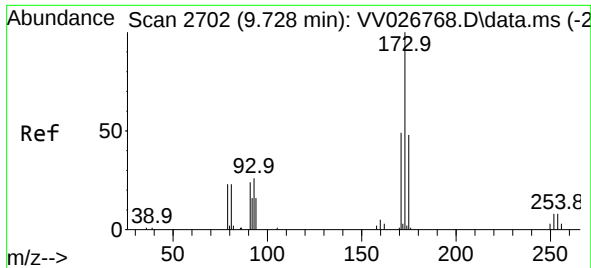
Tgt Ion:129 Resp: 92318

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

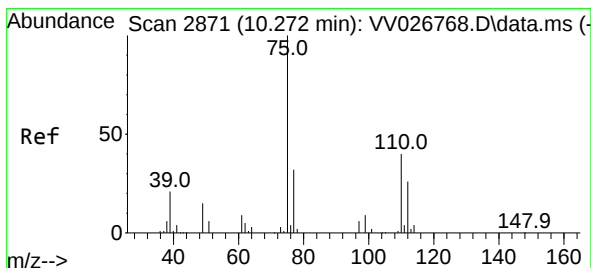
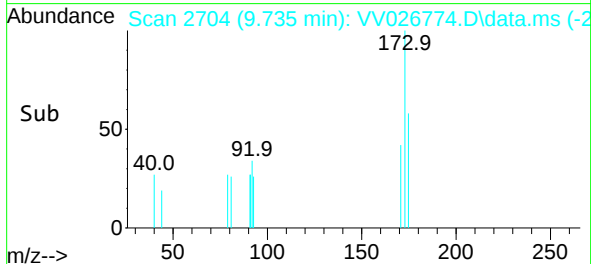
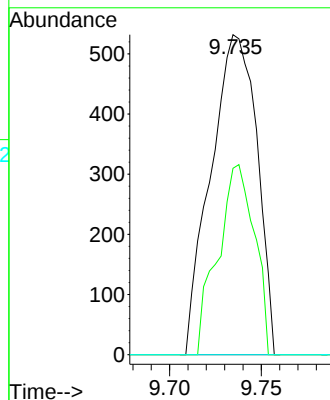
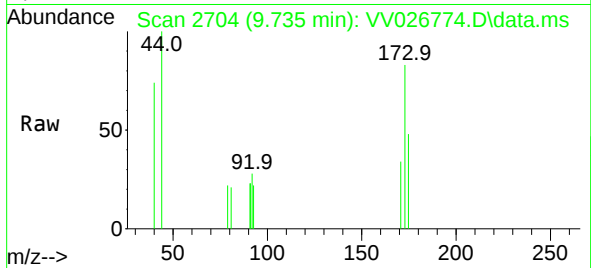




#59
Bromoform
Concen: 0.166 ug/L
RT: 9.735 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

Instrument :
MSVOA_V
ClientSampleId :
C0AJ1DL

Tgt Ion:173 Resp: 931
Ion Ratio Lower Upper
173 100
175 47.2 40.7 61.1
254 0.0 6.5 9.7#



#61
1,2,3-Trichloropropane
Concen: 1.315 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026774.D
Acq: 14 Jul 2022 13:42

Tgt Ion: 75 Resp: 10578
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 1.6 31.8 47.6#

