

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026673.D
 Acq On : 07 Jul 2022 13:05
 Operator : SY/MD
 Sample : N3598-06DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN5DL

Quant Time: Jul 08 03:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

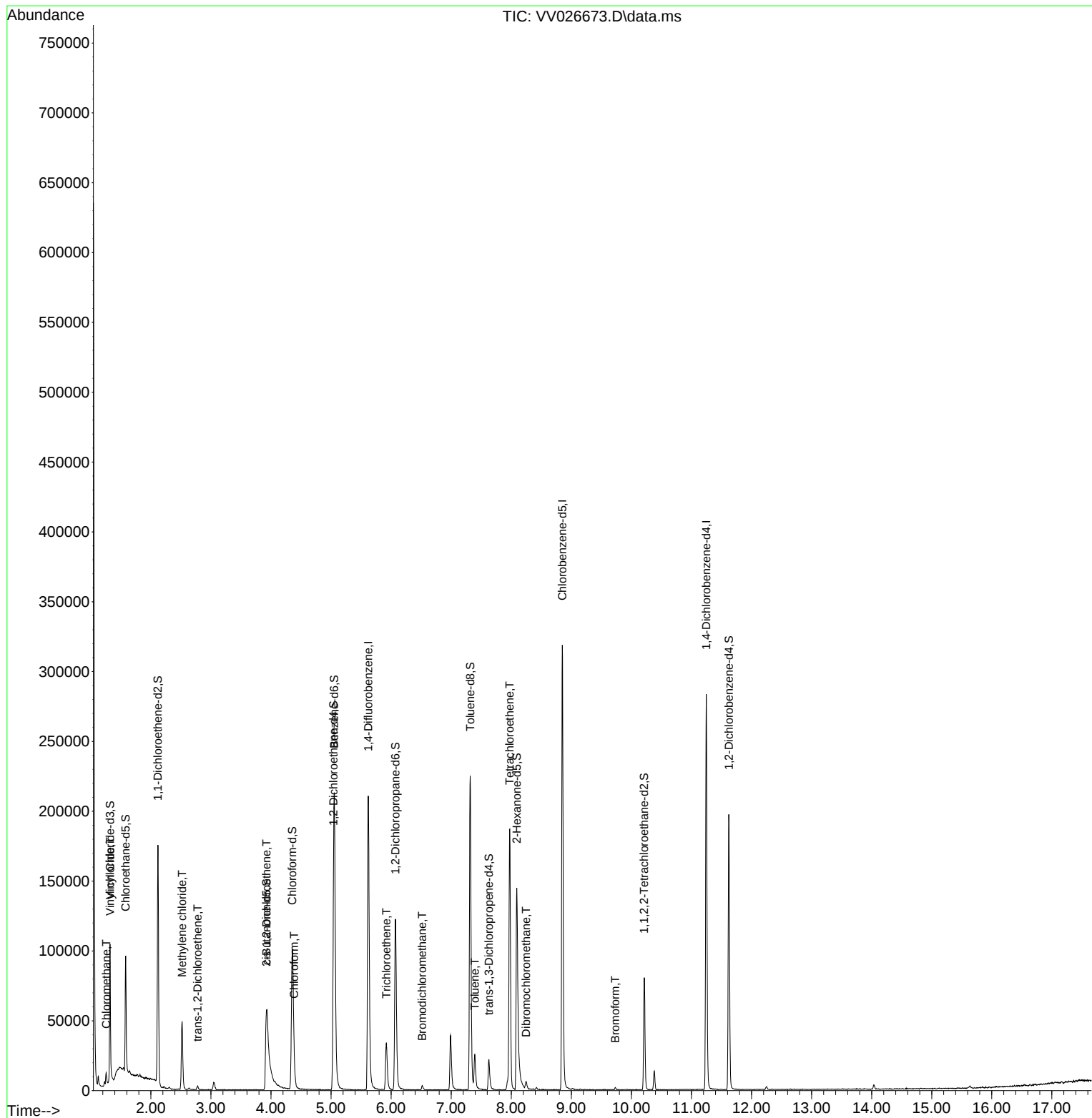
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	193075	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	190669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	62387	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.580	69	54574	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.117	63	87493	3.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.924	46	68112	44.122	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.240%
24) Chloroform-d	4.355	84	110479	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.040	65	44098	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.053	84	207404	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.072	67	63838	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.316	98	160736	3.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.628	79	14868	3.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	53210	35.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.780%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	40748	4.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	53232	4.165	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	6210	0.386	ug/L	93
5) Vinyl chloride	1.323	62	4471	0.261	ug/L #	34
16) Methylene chloride	2.519	84	22782	1.646	ug/L	93
18) trans-1,2-Dichloroethene	2.780	96	669	0.050	ug/L #	70
22) cis-1,2-Dichloroethene	3.928	96	13504	1.022	ug/L	93
25) Chloroform	4.384	83	5274	0.206	ug/L	96
34) Trichloroethene	5.921	95	12333	0.843	ug/L	94
38) Bromodichloromethane	6.516	83	2491	0.157	ug/L	91
42) Toluene	7.394	91	18849	0.328	ug/L	99
47) Tetrachloroethene	7.972	164	45183	3.878	ug/L	98
49) Dibromochloromethane	8.246	129	2525	0.295	ug/L	87
59) Bromoform	9.731	173	936	0.329	ug/L #	92

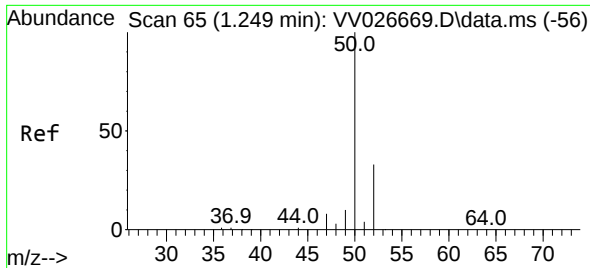
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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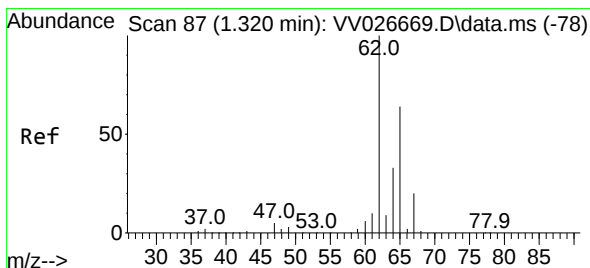
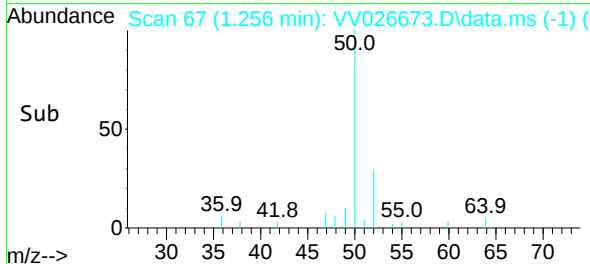
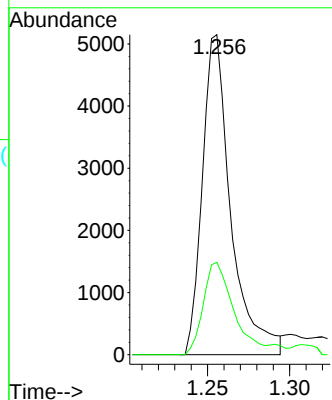
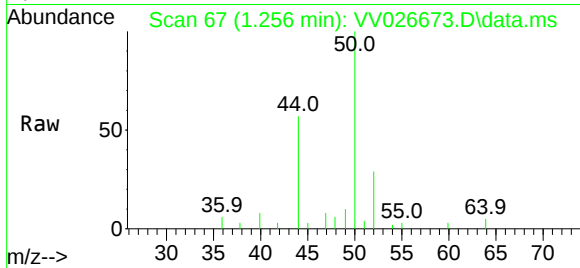




#3
Chloromethane
Concen: 0.386 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

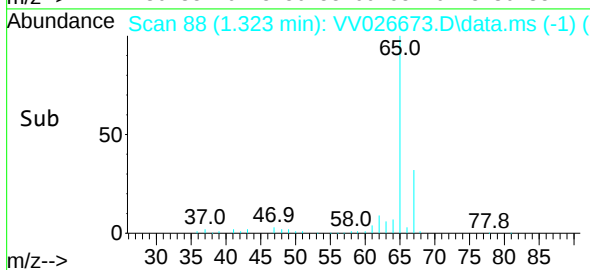
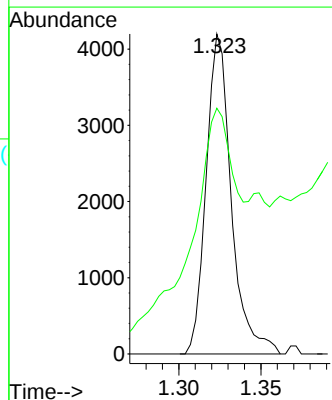
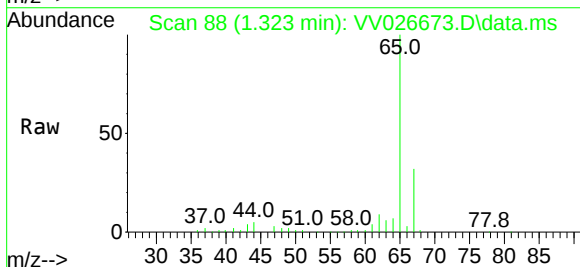
Instrument :
MSVOA_V
ClientSampleId :
C0AN5DL

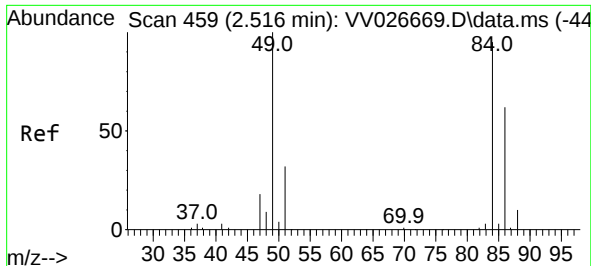
Tgt Ion: 50 Resp: 6210
Ion Ratio Lower Upper
50 100
52 28.9 23.0 42.6



#5
Vinyl chloride
Concen: 0.261 ug/L
RT: 1.323 min Scan# 88
Delta R.T. 0.003 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Tgt Ion: 62 Resp: 4471
Ion Ratio Lower Upper
62 100
64 76.8 26.2 48.6#

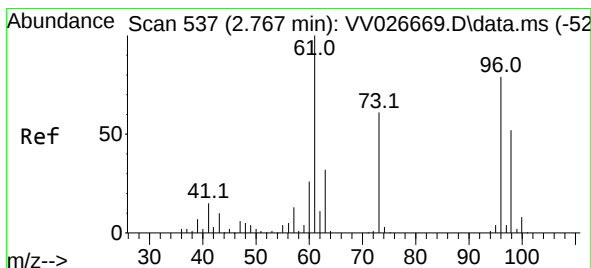
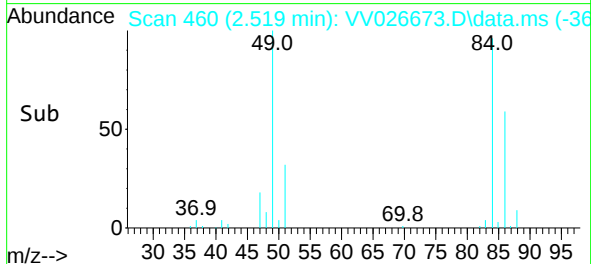
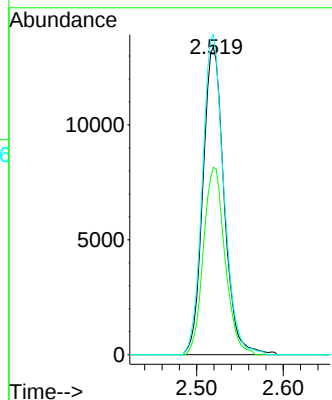
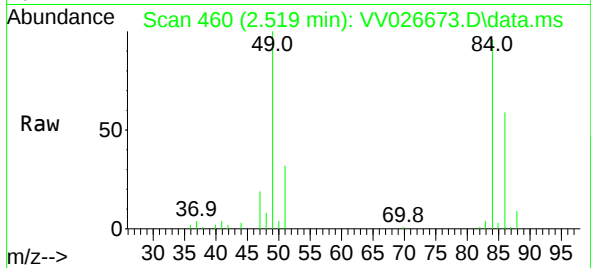




#16
Methylene chloride
Concen: 1.646 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

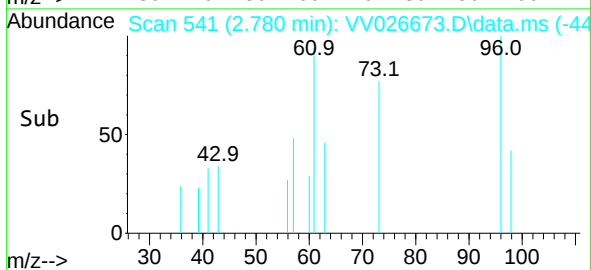
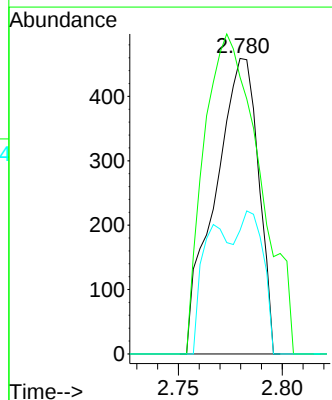
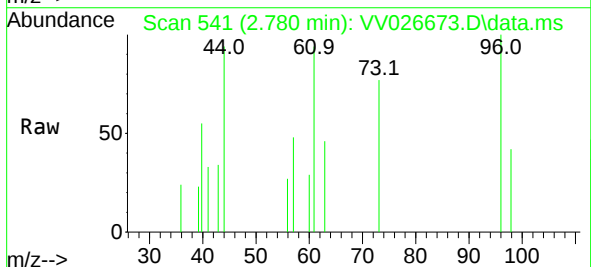
Instrument :
MSVOA_V
ClientSampleId :
C0AN5DL

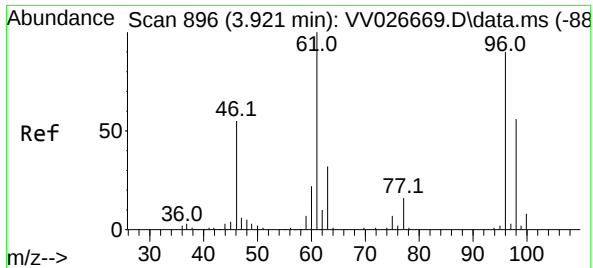
Tgt Ion: 84 Resp: 22782
Ion Ratio Lower Upper
84 100
86 60.8 46.0 85.4
49 103.9 77.7 144.3



#18
trans-1,2-Dichloroethene
Concen: 0.050 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Tgt Ion: 96 Resp: 669
Ion Ratio Lower Upper
96 100
61 93.7 90.4 167.8
98 41.8 45.6 84.8#





#22

cis-1,2-Dichloroethene

Concen: 1.022 ug/L

RT: 3.928 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV026673.D

Acq: 07 Jul 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

C0AN5DL

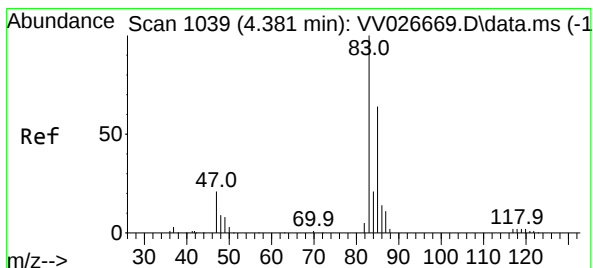
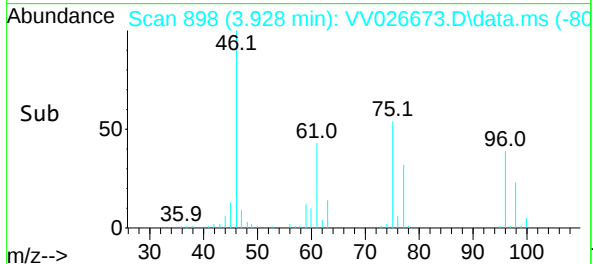
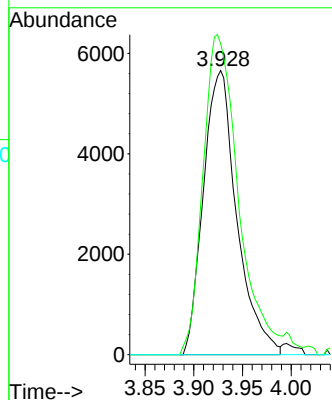
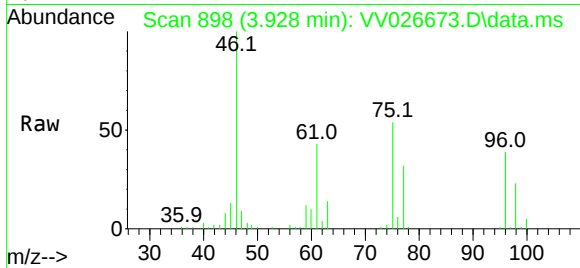
Tgt Ion: 96 Resp: 13504

Ion Ratio Lower Upper

96 100

61 109.5 82.0 152.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.206 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV026673.D

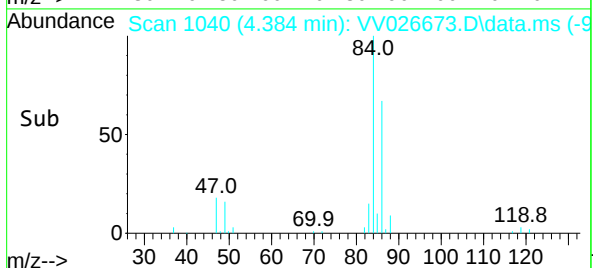
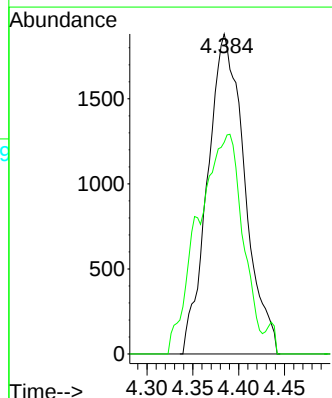
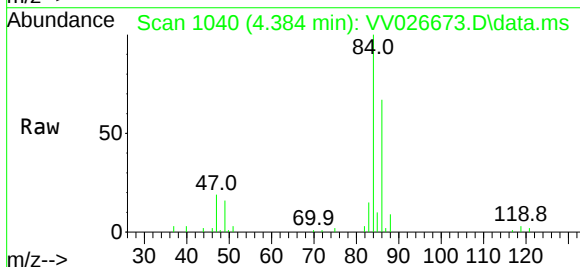
Acq: 07 Jul 2022 13:05

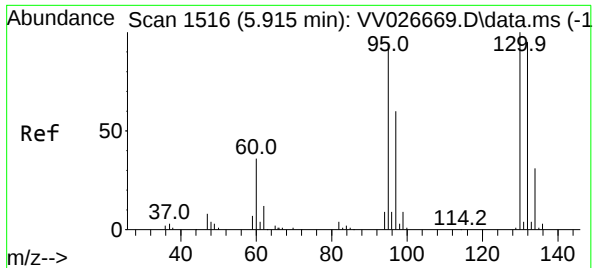
Tgt Ion: 83 Resp: 5274

Ion Ratio Lower Upper

83 100

85 66.1 44.0 81.8



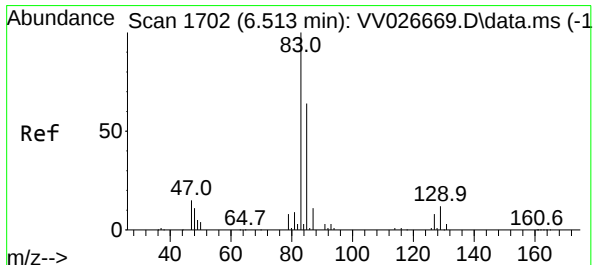
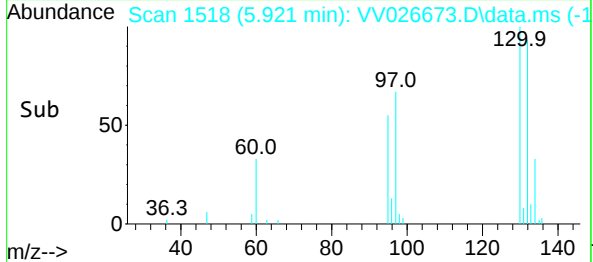
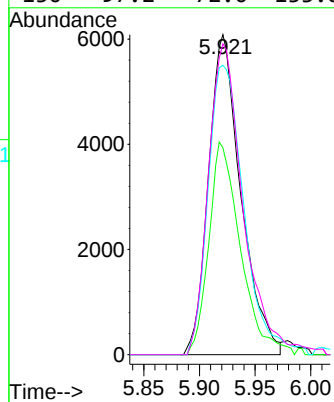
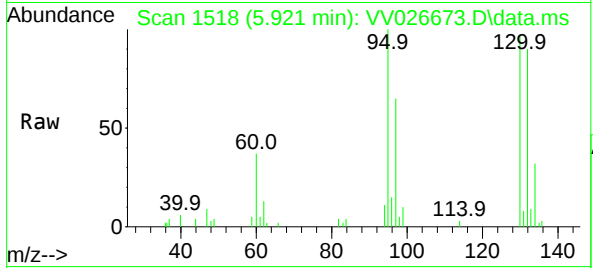


#34
Trichloroethene
Concen: 0.843 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
C0AN5DL

Tgt Ion: 95 Resp: 12333

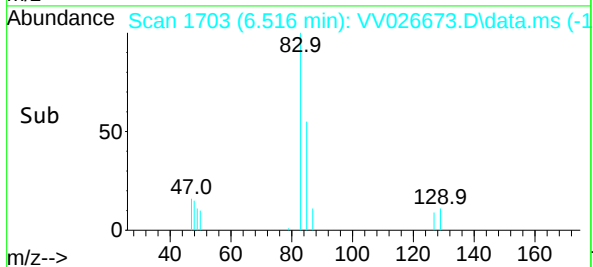
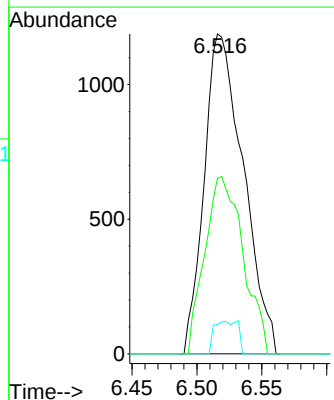
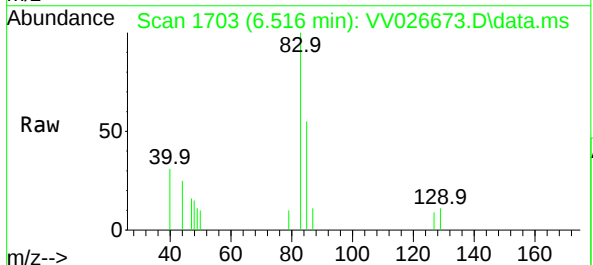
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.8	87.0
132	90.5	69.9	129.7
130	97.2	72.0	133.8

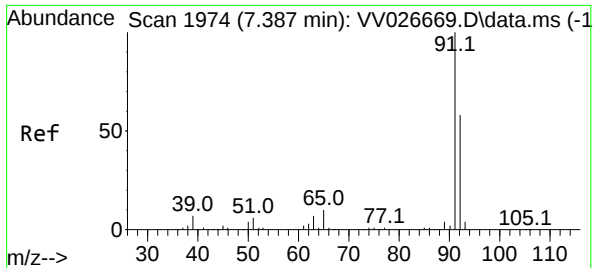


#38
Bromodichloromethane
Concen: 0.157 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Tgt Ion: 83 Resp: 2491

Ion	Ratio	Lower	Upper
83	100		
85	54.9	44.0	81.8
127	9.2	6.6	10.0





#42

Toluene

Concen: 0.328 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV026673.D

Acq: 07 Jul 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

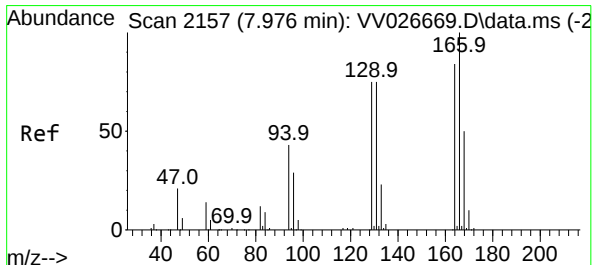
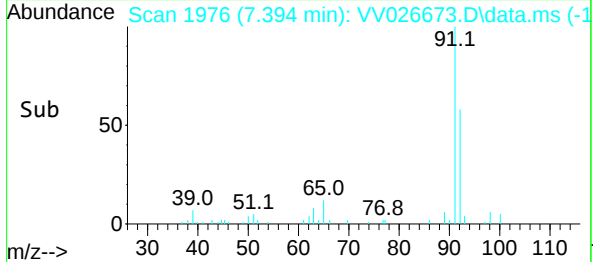
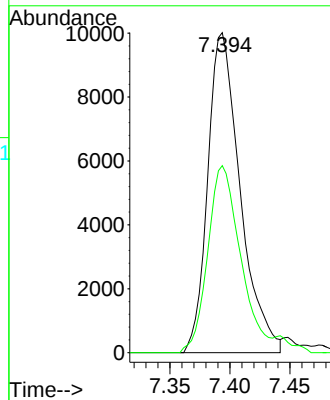
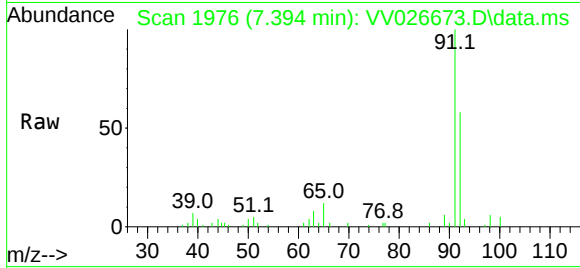
C0AN5DL

Tgt Ion: 91 Resp: 18849

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.9



#47

Tetrachloroethene

Concen: 3.878 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV026673.D

Acq: 07 Jul 2022 13:05

Tgt Ion: 164 Resp: 45183

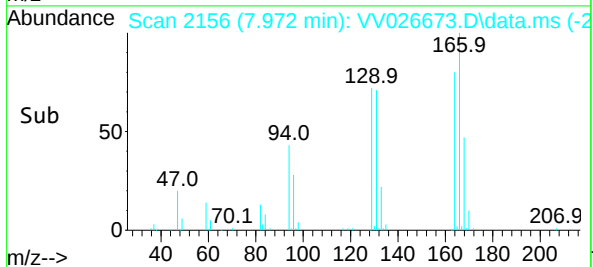
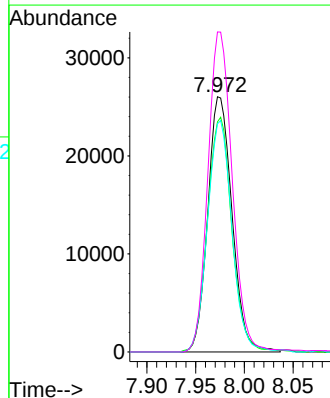
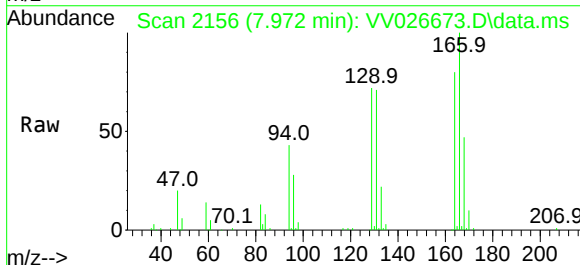
Ion Ratio Lower Upper

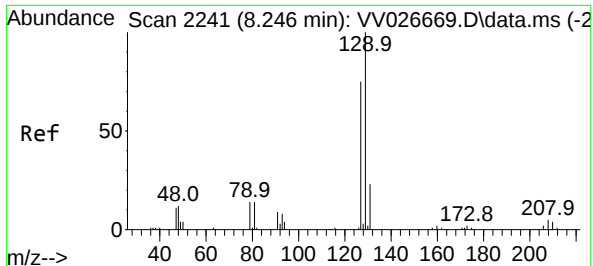
164 100

129 90.1 66.4 123.2

131 89.4 64.4 119.6

166 125.4 88.1 163.7





#49

Dibromochloromethane

Concen: 0.295 ug/L

RT: 8.246 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026673.D

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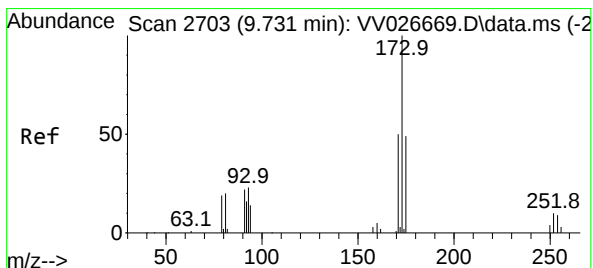
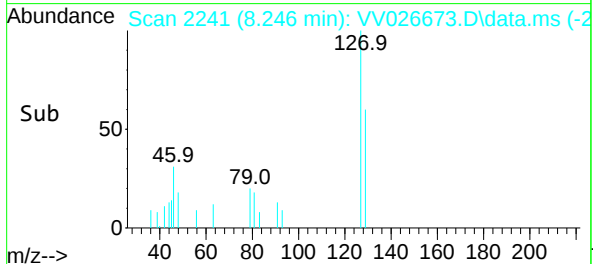
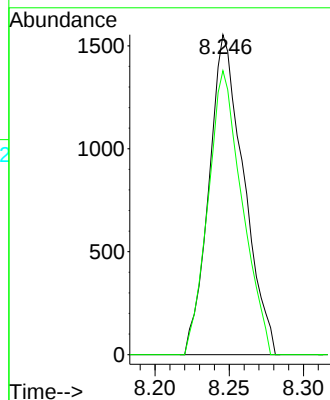
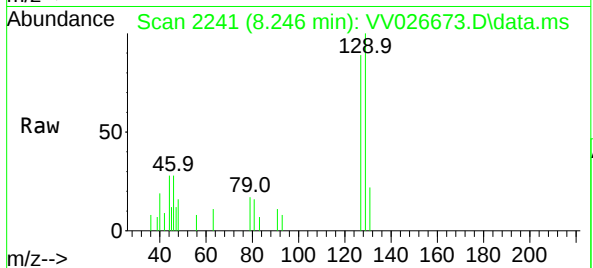
C0AN5DL

Tgt Ion:129 Resp: 2525

Ion Ratio Lower Upper

129 100

127 88.7 54.2 100.6



#59

Bromoform

Concen: 0.329 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV026673.D

Acq: 07 Jul 2022 13:05

Tgt Ion:173 Resp: 936

Ion Ratio Lower Upper

173 100

175 50.9 37.9 56.9

254 0.0 6.3 9.5#

