

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
6) Bromomethane	1.539	94	721	0.078	ug/L	97
8) Chloroethane	1.449	64	13227	1.136	ug/L #	55
16) Methylene chloride	2.519	84	22782	1.646	ug/L	93
17) Methyl tert-butyl Ether	2.786	73	891	0.042	ug/L #	88
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
35) Methylcyclohexane	6.072	83	15580	0.720	ug/L #	24
37) 1,2-Dichloropropane	6.072	63	6608	0.492	ug/L #	84
38) Bromodichloromethane	6.516	83	2491	0.157	ug/L	91
39) cis-1,3-Dichloropropene	6.992	75	1170	0.087	ug/L #	64
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
61) 1,2,3-Trichloropropane	11.246	75	8533	1.706	ug/L #	63

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 08 02:58:15 2022
Response via : Initial Calibration

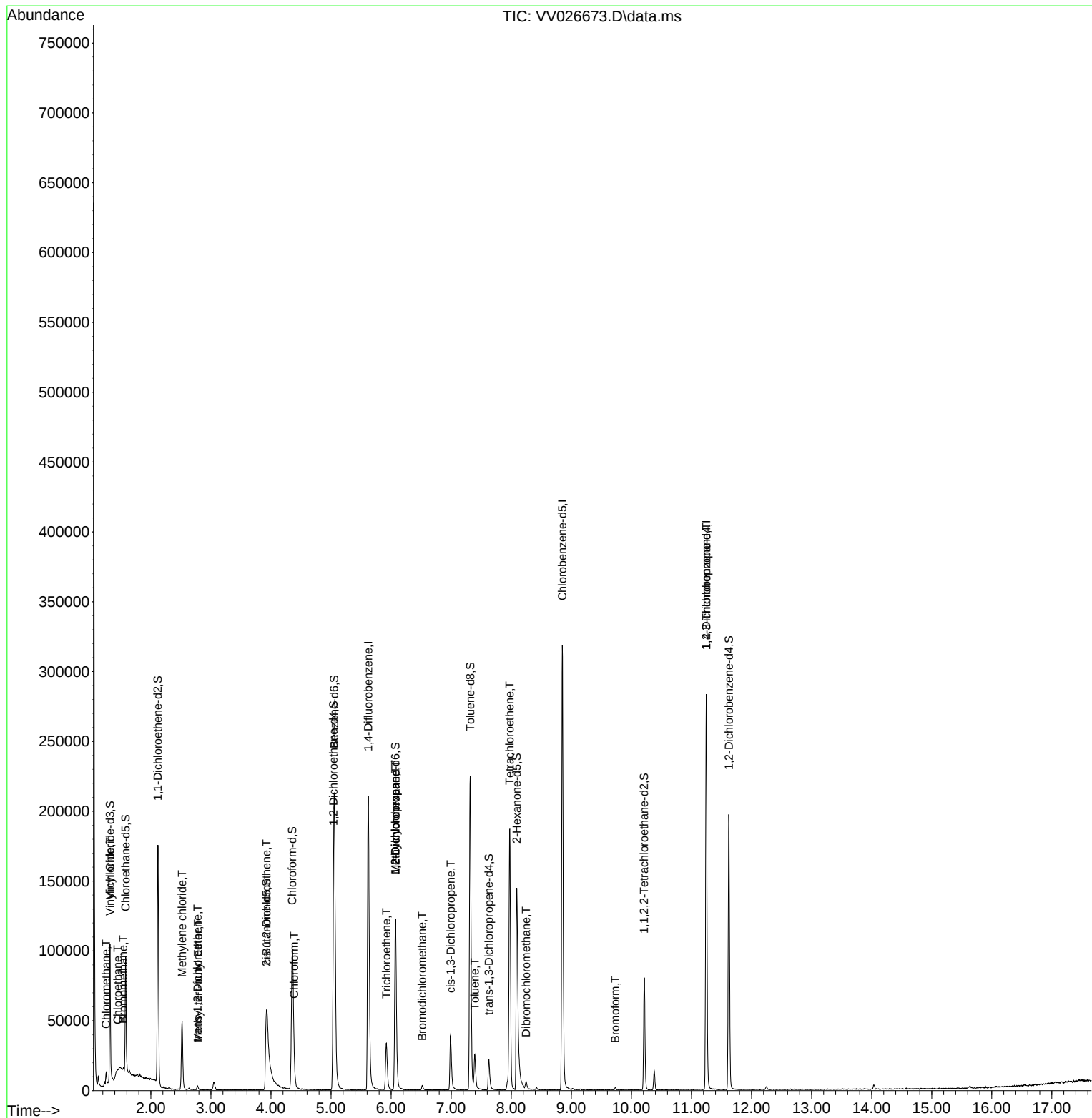
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

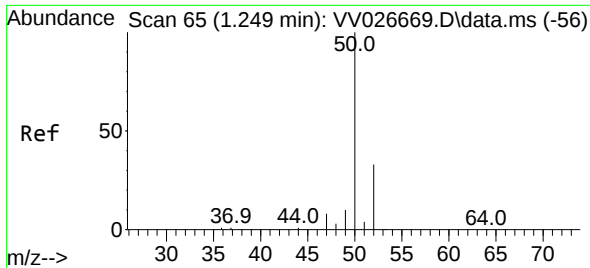
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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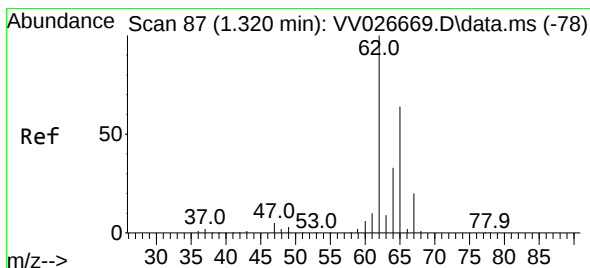
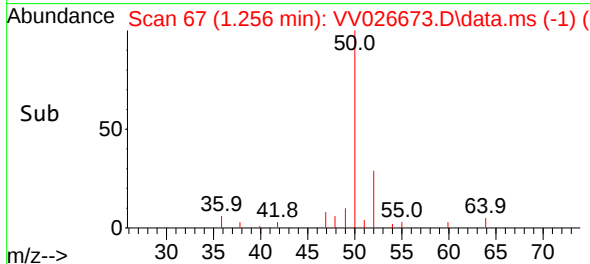
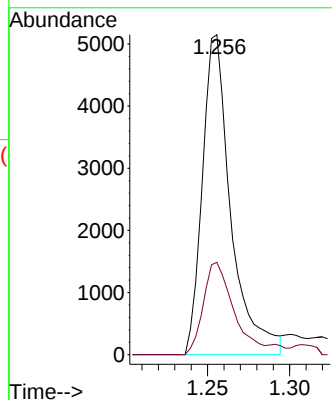
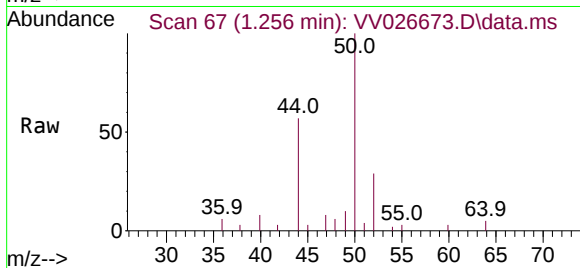




#3
Chloromethane
Concen: 0.386 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

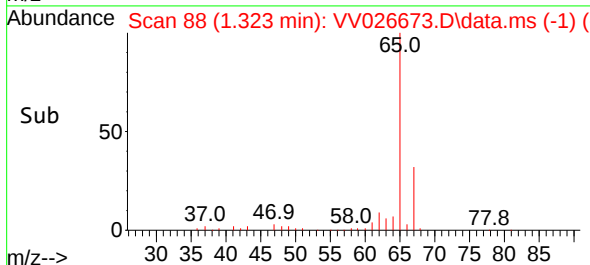
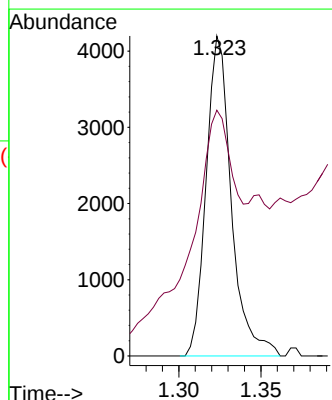
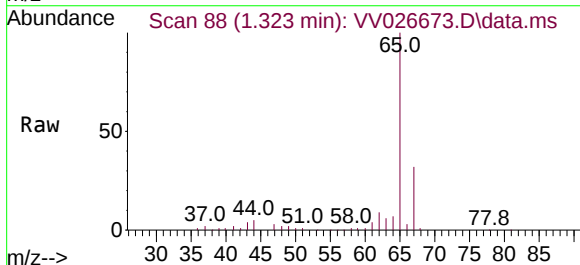
Instrument :
MSVOA_V
ClientSampleId :
C0AN5DL

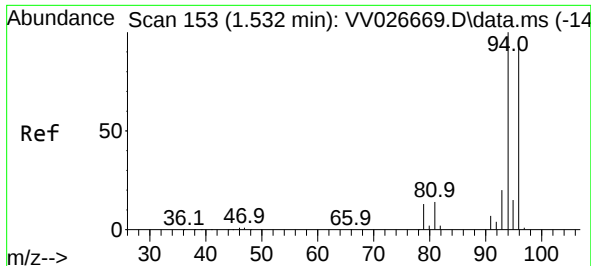
Tgt Ion: 50 Resp: 6210
Ion Ratio Lower Upper
50 100
52 28.9 23.0 42.6



#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#

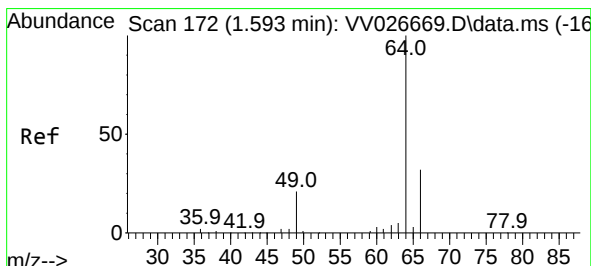
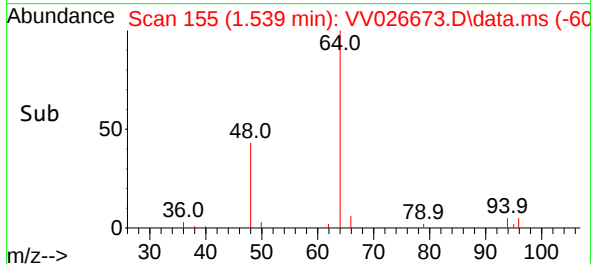
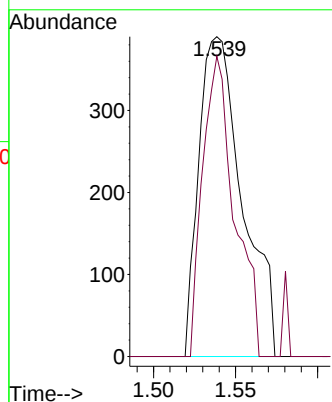
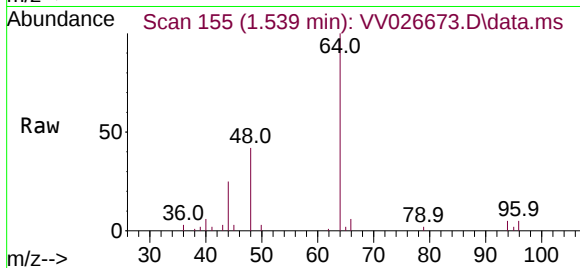




#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

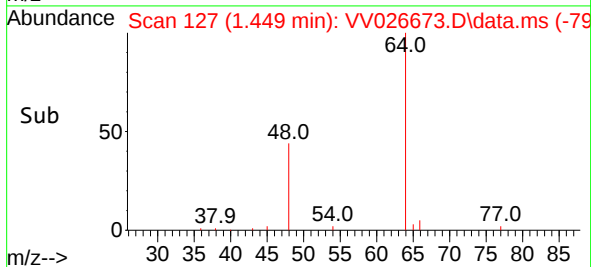
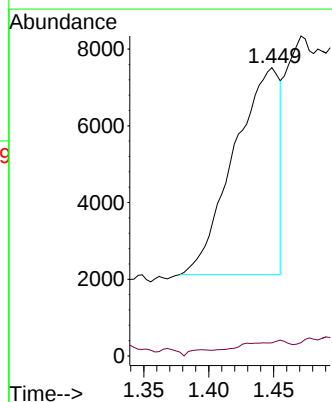
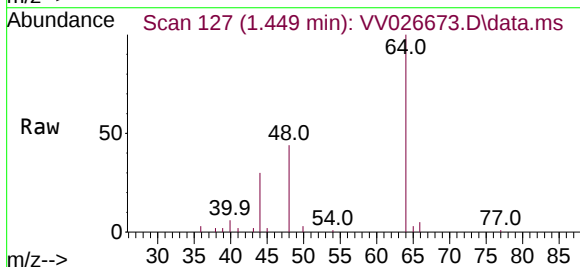
Instrument :
MSVOA_V
ClientSampleId :
C0AN5DL

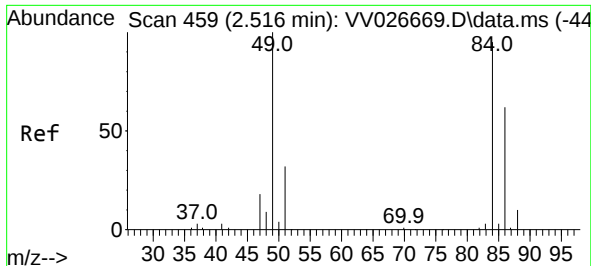
Tgt Ion: 94 Resp: 721
Ion Ratio Lower Upper
94 100
96 93.8 68.0 126.2



#8
Chloroethane
Concen: 1.136 ug/L
RT: 1.449 min Scan# 127
Delta R.T. -0.145 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Tgt Ion: 64 Resp: 13227
Ion Ratio Lower Upper
64 100
66 4.5 20.0 37.2#

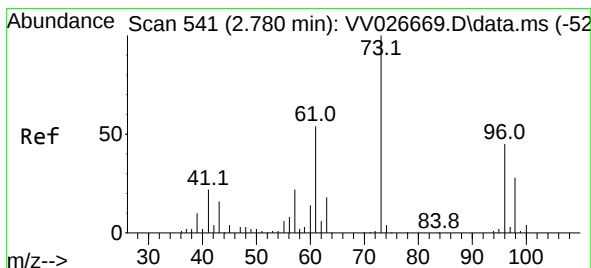
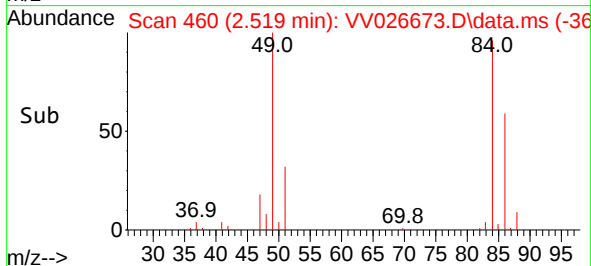
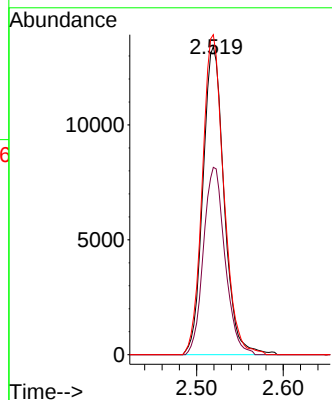
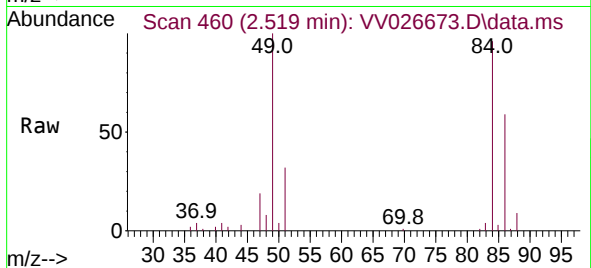




#16
Methylene chloride
Concen: 1.646 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

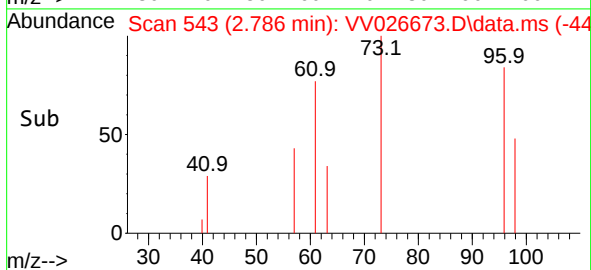
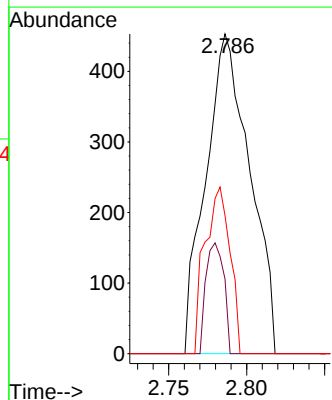
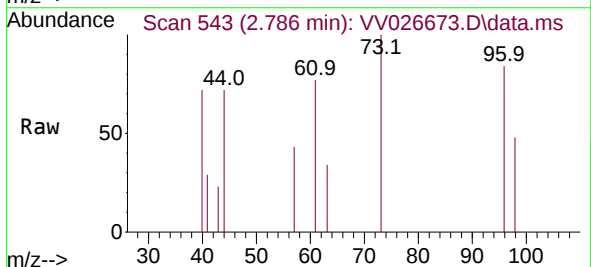
Instrument :
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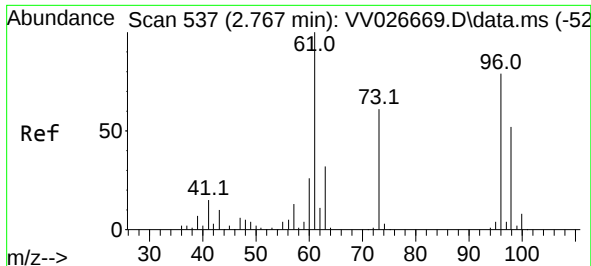
Tgt Ion: 84 Resp: 22782
Ion Ratio Lower Upper
84 100
86 60.8 46.0 85.4
49 103.9 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.042 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.006 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Tgt Ion: 73 Resp: 891
Ion Ratio Lower Upper
73 100
43 14.0 13.3 19.9
57 29.5 17.2 25.8#

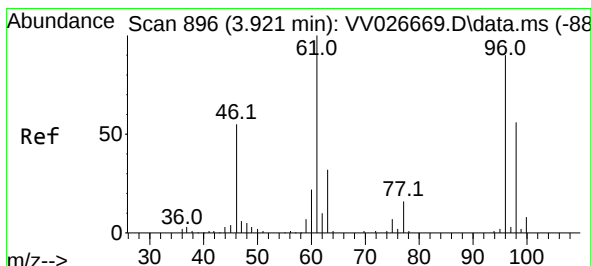
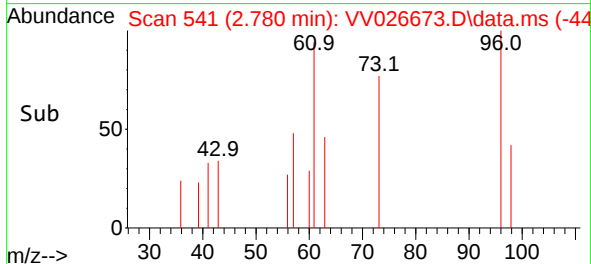
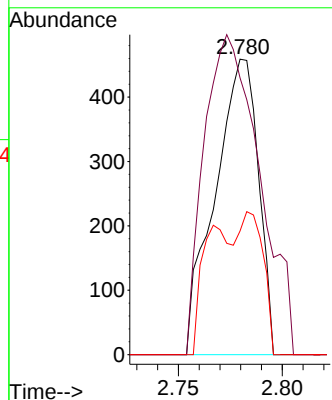
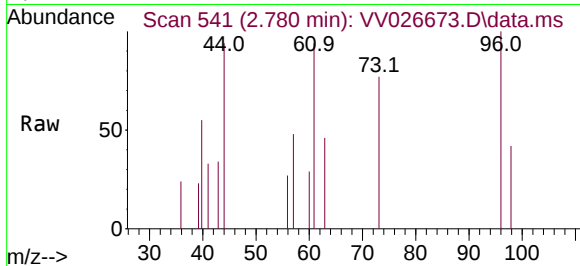




#18
trans-1,2-Dichloroethene
Concen: 0.050 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

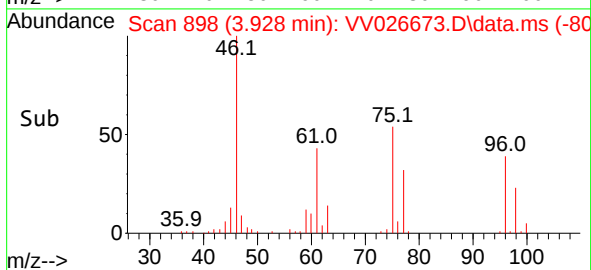
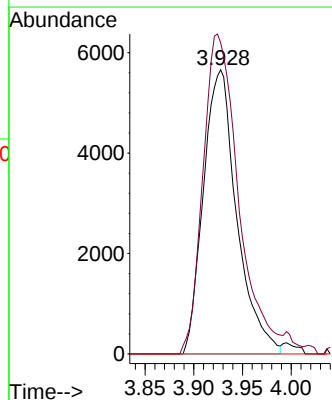
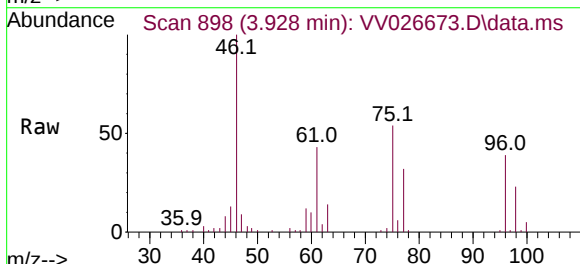
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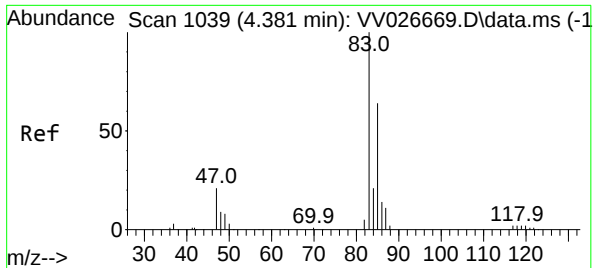
Tgt Ion: 96 Resp: 669
Ion Ratio Lower Upper
96 100
61 93.7 90.4 167.8
98 41.8 45.6 84.8#



#22
cis-1,2-Dichloroethene
Concen: 1.022 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.006 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

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

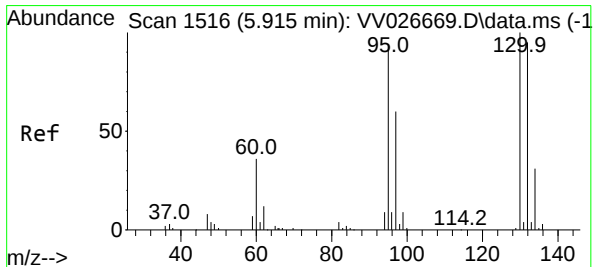
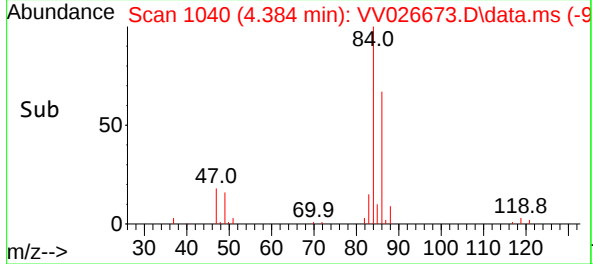
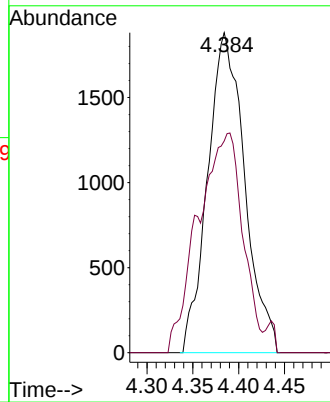
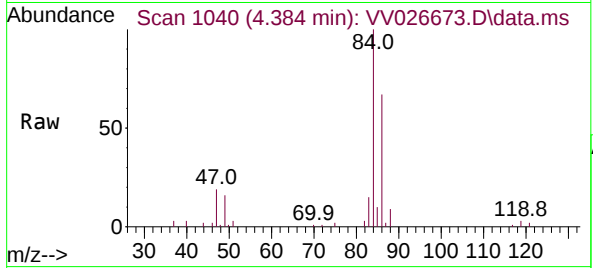




#25
Chloroform
Concen: 0.206 ug/L
RT: 4.384 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

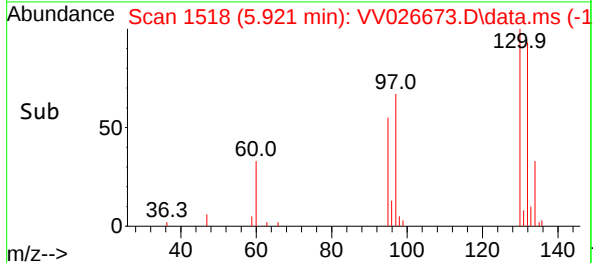
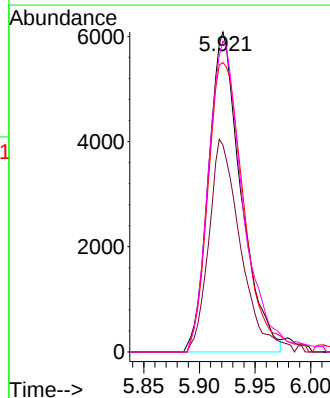
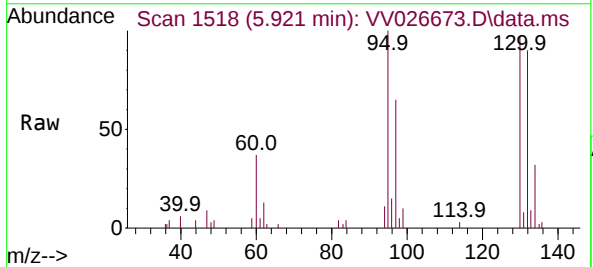
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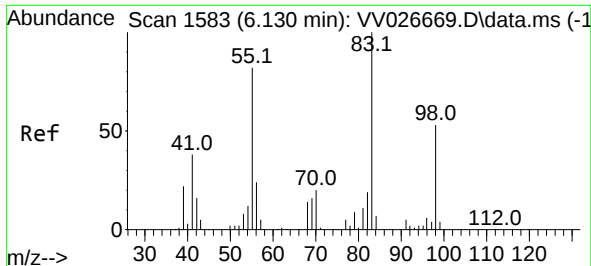
Tgt Ion: 83 Resp: 5274
Ion Ratio Lower Upper
83 100
85 66.1 44.0 81.8



#34
Trichloroethene
Concen: 0.843 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
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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

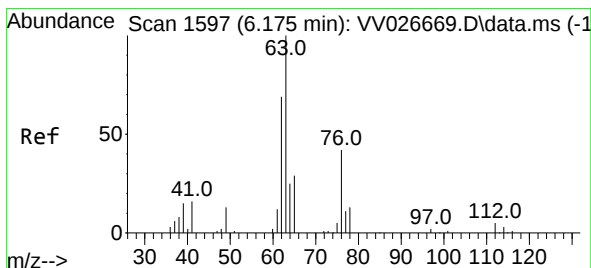
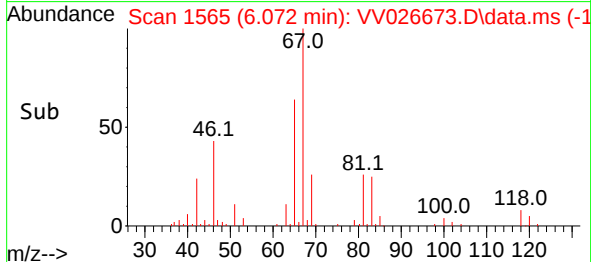
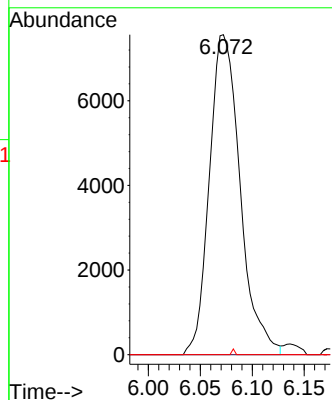
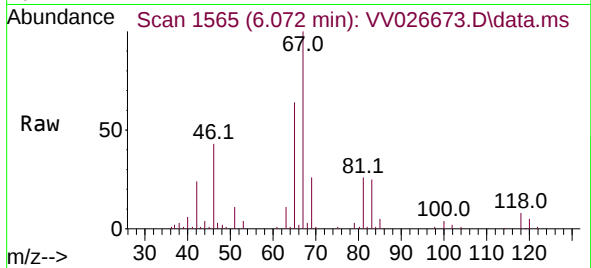




#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

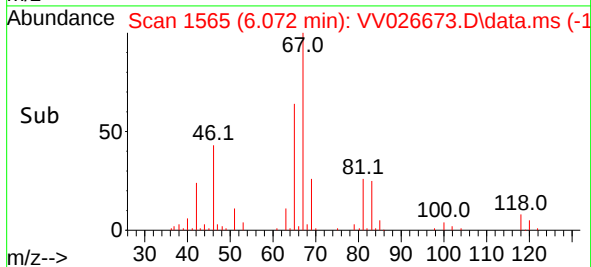
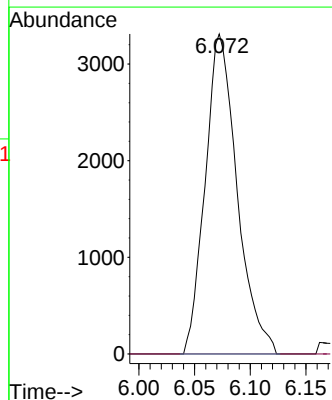
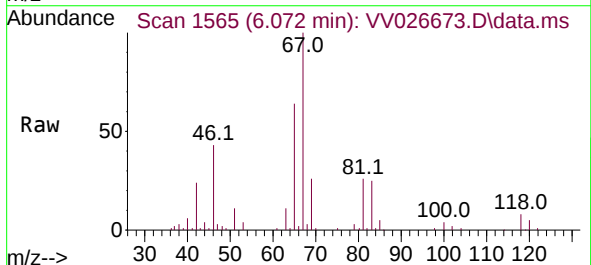
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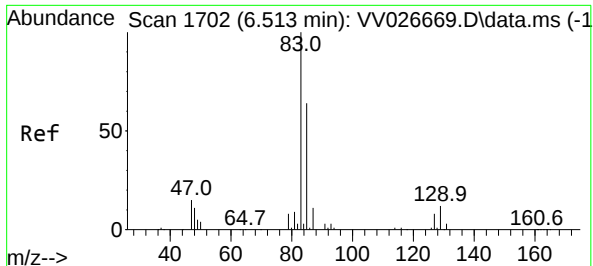
Tgt Ion: 83 Resp: 15580
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 7.5 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Tgt Ion: 63 Resp: 6608
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

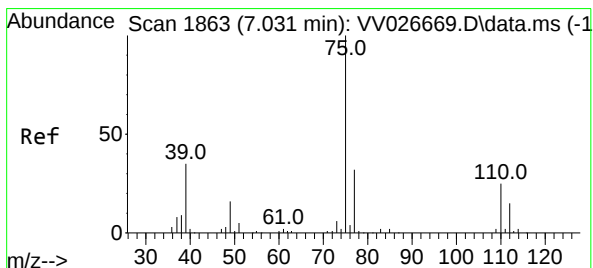
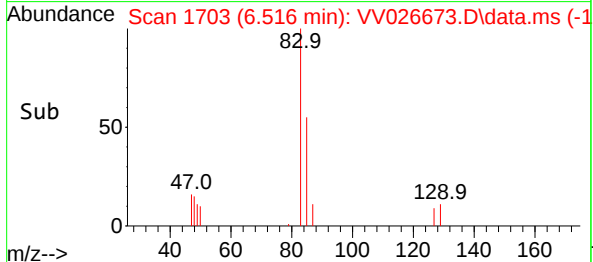
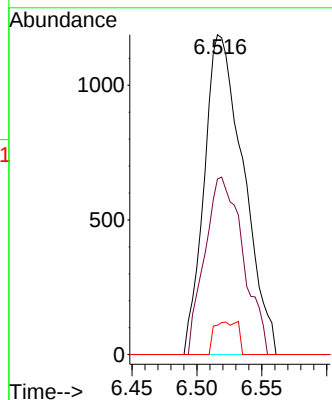
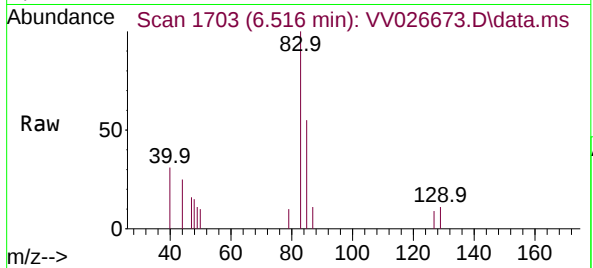




#38
Bromodichloromethane
Concen: 0.157 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

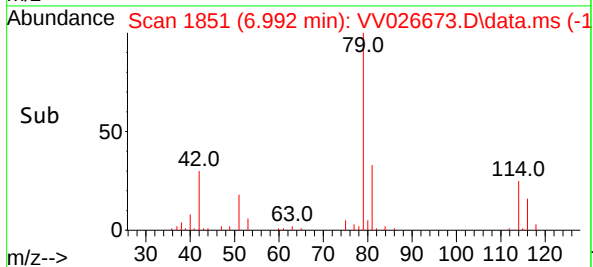
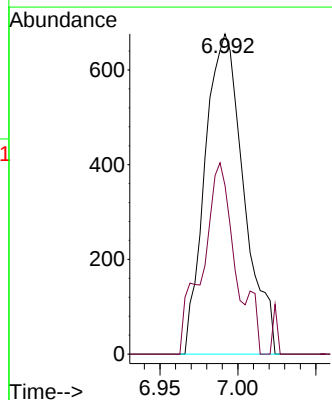
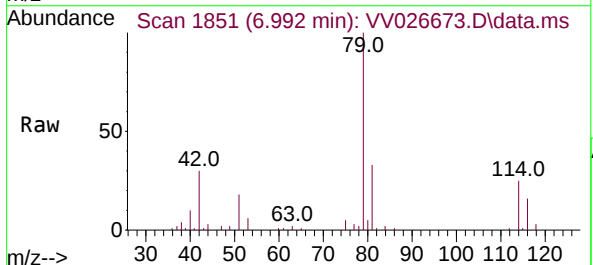
Instrument :
MSVOA_V
ClientSampleId :
C0AN5DL

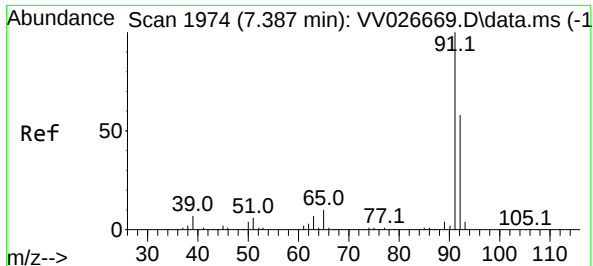
Tgt Ion: 83 Resp: 2491
Ion Ratio Lower Upper
83 100
85 54.9 44.0 81.8
127 9.2 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV026673.D
Acq: 07 Jul 2022 13:05

Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
77 52.7 22.8 42.4#





#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 :

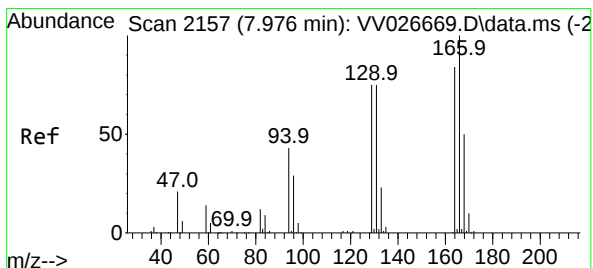
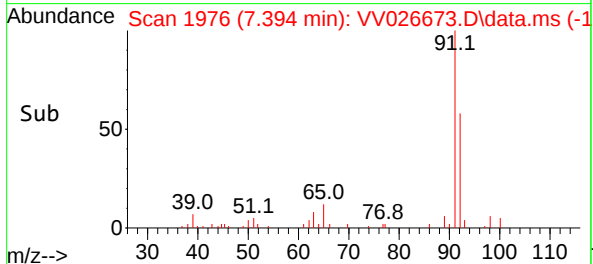
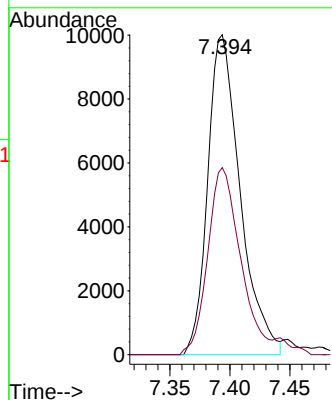
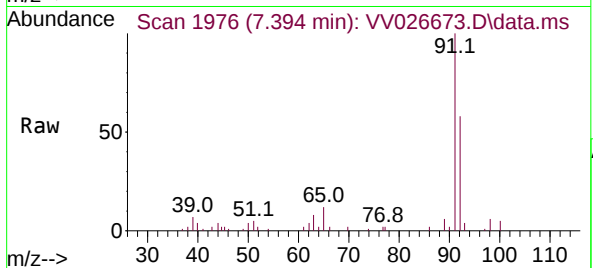
C0AN5DL

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

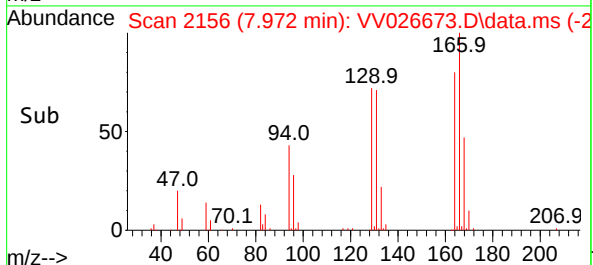
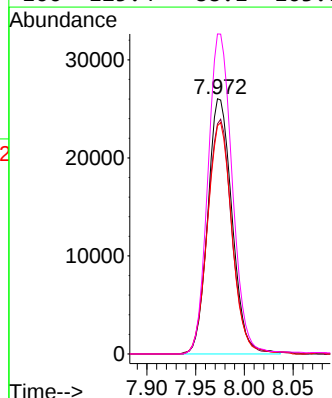
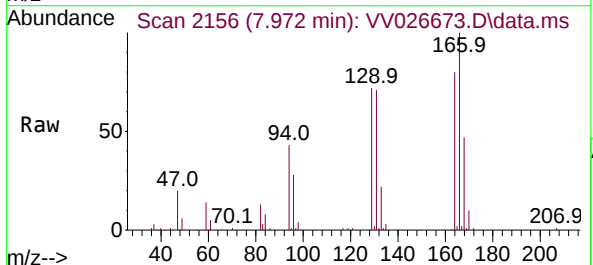
Ion Ratio Lower Upper

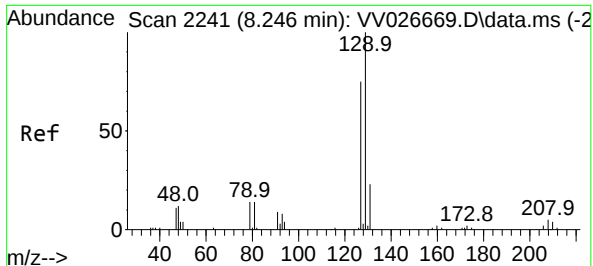
164 100

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

Acq: 07 Jul 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

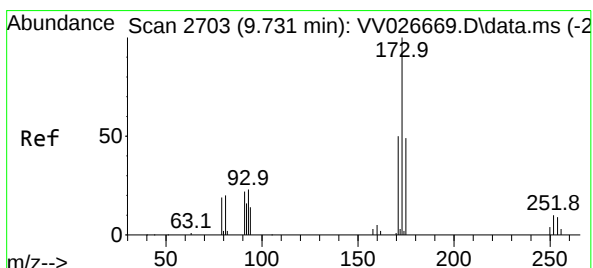
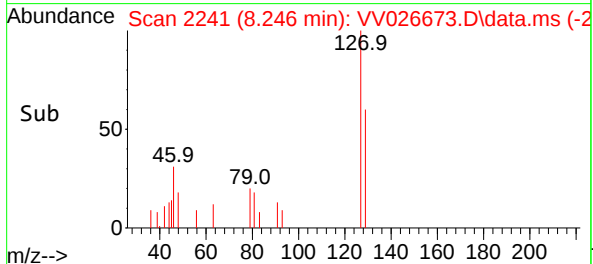
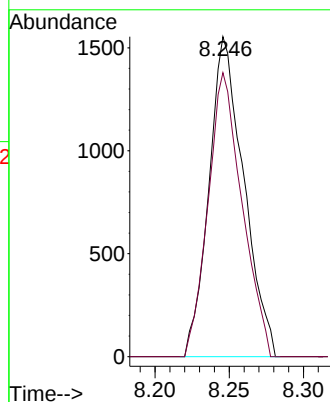
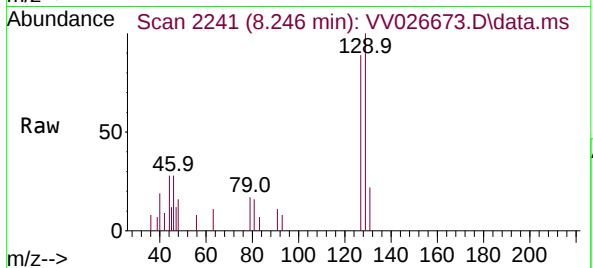
C0AN5DL

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

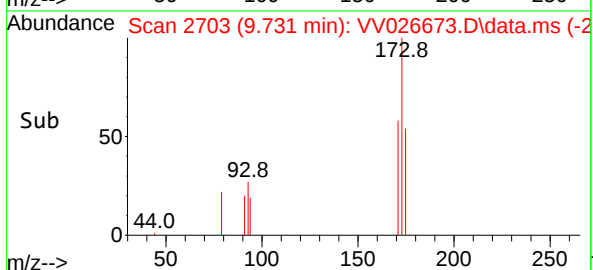
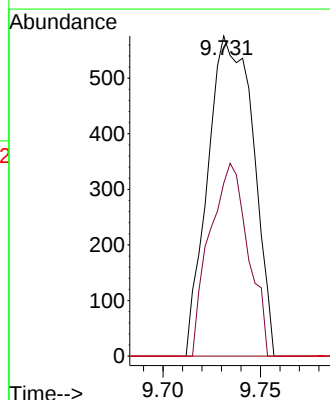
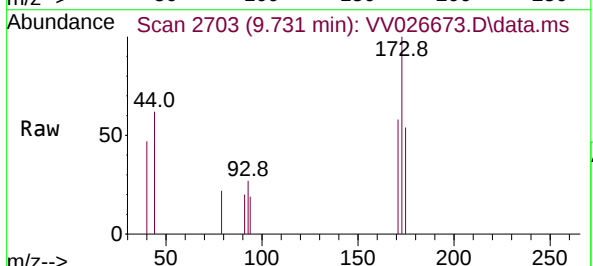
Tgt Ion:173 Resp: 936

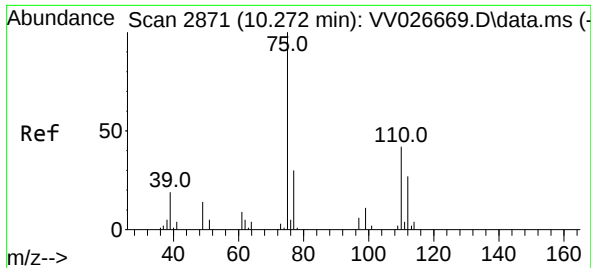
Ion Ratio Lower Upper

173 100

175 50.9 37.9 56.9

254 0.0 6.3 9.5#





#61

1,2,3-Trichloropropane

Concen: 1.706 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV026673.D

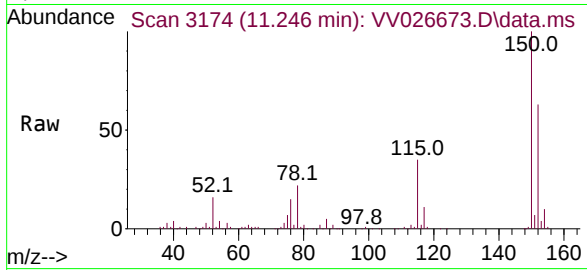
Acq: 07 Jul 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

C0AN5DL



Tgt Ion: 75 Resp: 8533

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.6

110 0.5 32.5 48.7#

