

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026373.D
 Acq On : 17 Jun 2022 11:51
 Operator : SY/MD
 Sample : N3318-18DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:02:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

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

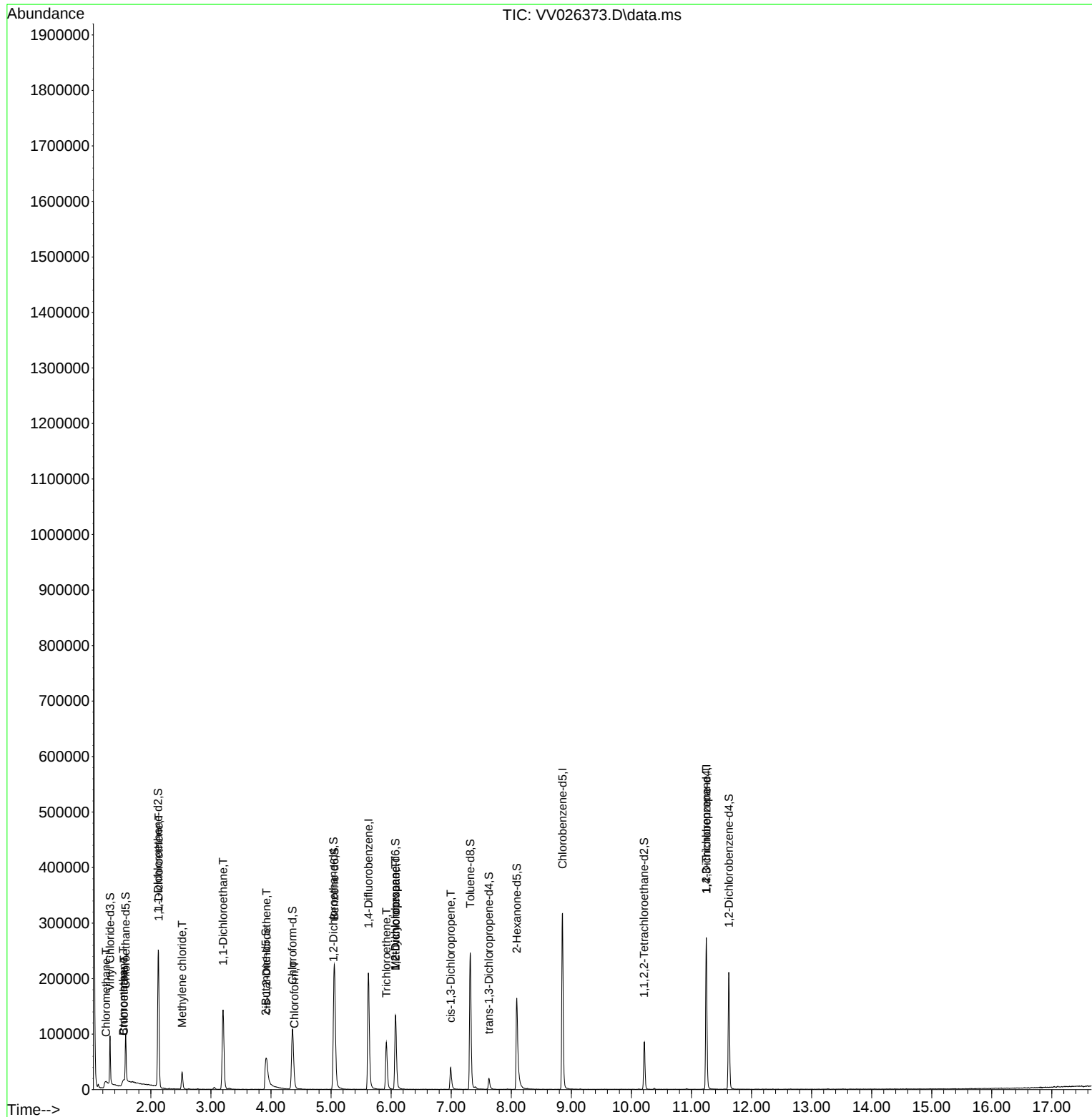
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	189237	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	185558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58889	3.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.581	69	53887	4.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.121	63	107816	3.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.912	46	80161	49.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.960%
24) Chloroform-d	4.359	84	117415	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.040	65	48029	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.056	84	216371	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.072	67	68417	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.317	98	170722	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.629	79	13367	2.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.000%
46) 2-Hexanone-d5	8.092	63	61408	43.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42891	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	56277	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
3) Chloromethane	1.253	50	1201	0.076	ug/L #	68
6) Bromomethane	1.542	94	604	0.066	ug/L	84
8) Chloroethane	1.552	64	17677	1.743	ug/L #	50
12) 1,1-Dichloroethene	2.130	96	38788	3.244	ug/L #	80
16) Methylene chloride	2.520	84	13333	0.874	ug/L	94
19) 1,1-Dichloroethane	3.201	63	145887	6.597	ug/L	99
22) cis-1,2-Dichloroethene	3.925	96	10922	0.931	ug/L	99
25) Chloroform	4.388	83	2387	0.100	ug/L	93
34) Trichloroethene	5.921	95	30523	2.350	ug/L	94
35) Methylcyclohexane	6.072	83	17165	0.955	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7035	0.565	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1069	0.075	ug/L #	50
61) 1,2,3-Trichloropropane	11.246	75	8169	1.690	ug/L #	67

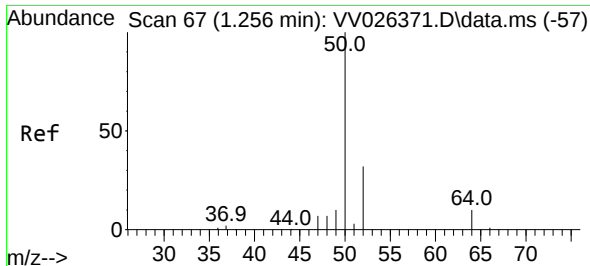
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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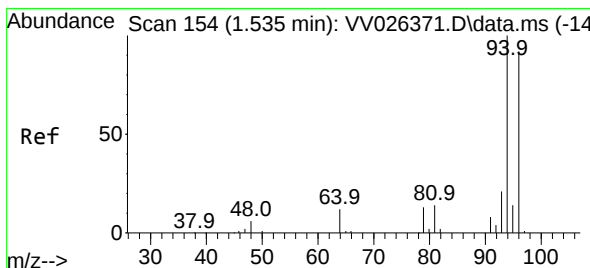
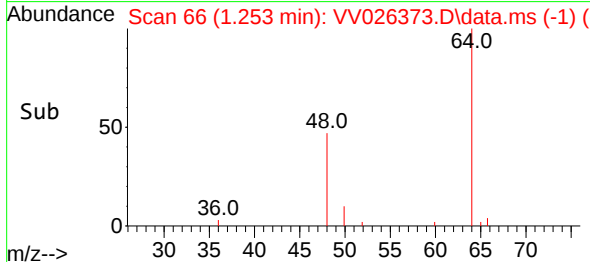
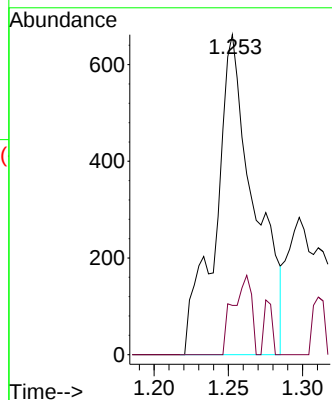
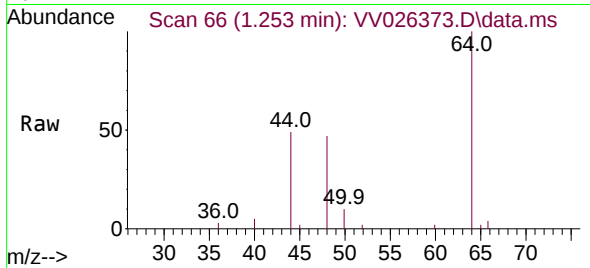




#3
Chloromethane
Concen: 0.076 ug/L
RT: 1.253 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51

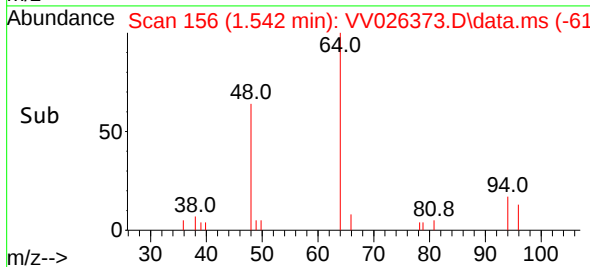
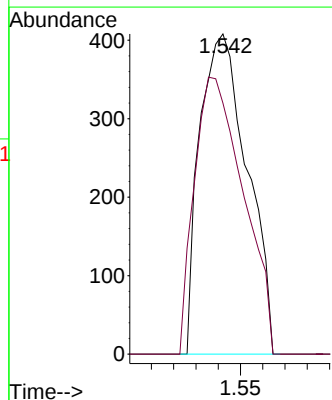
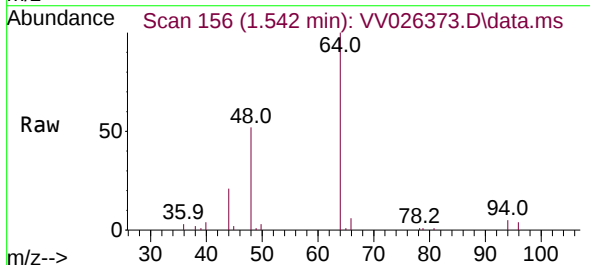
Instrument :
MSVOA_V
ClientSampleId :

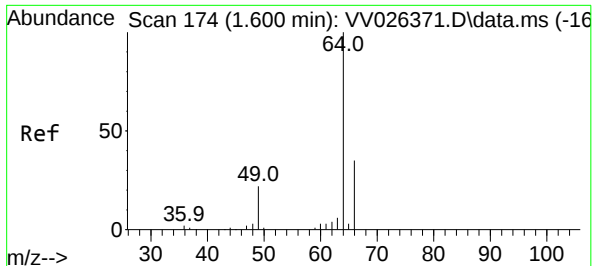
Tgt Ion: 50 Resp: 1201
Ion Ratio Lower Upper
50 100
52 15.4 23.7 44.1#



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.007 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51

Tgt Ion: 94 Resp: 604
Ion Ratio Lower Upper
94 100
96 78.4 65.7 121.9

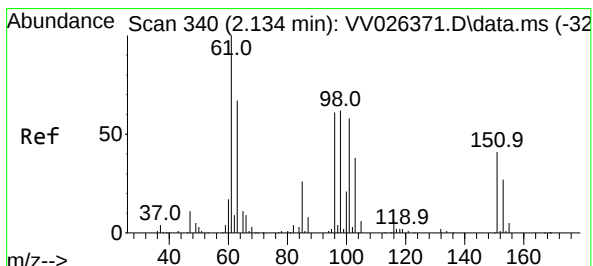
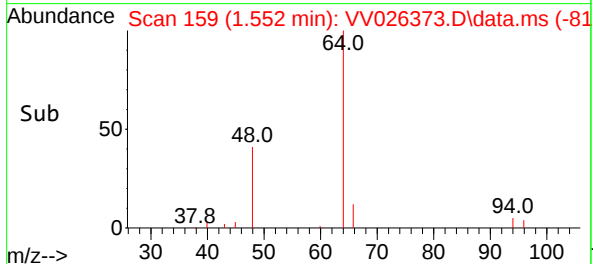
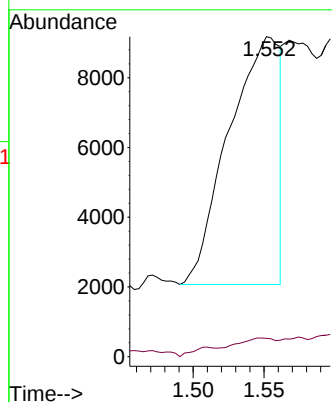
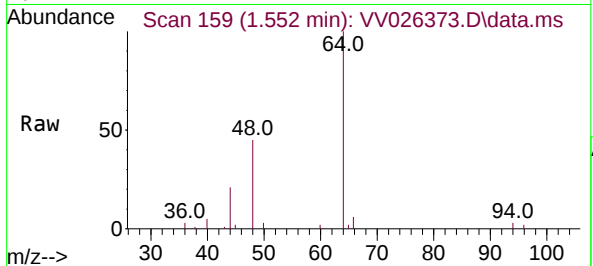




#8
Chloroethane
Concen: 1.743 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.048 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51

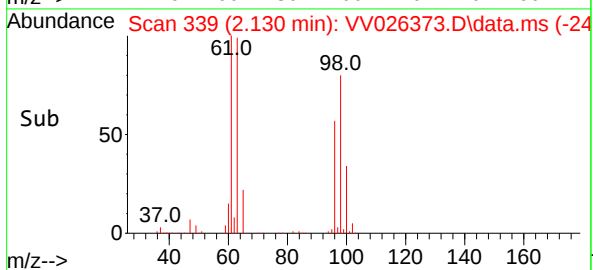
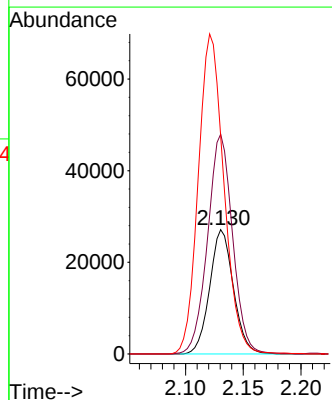
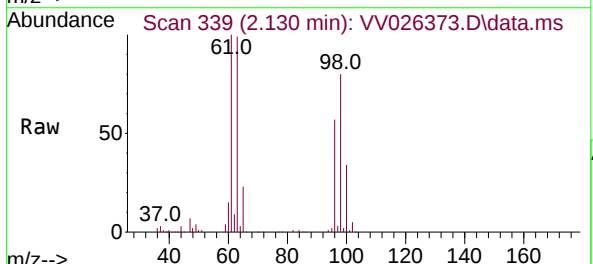
Instrument :
MSVOA_V
ClientSampleId :

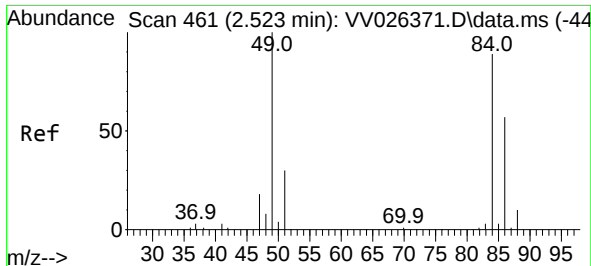
Tgt Ion: 64 Resp: 17677
Ion Ratio Lower Upper
64 100
66 5.7 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 3.244 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.003 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51

Tgt Ion: 96 Resp: 38788
Ion Ratio Lower Upper
96 100
61 176.7 117.1 217.5
63 175.1 92.8 172.4#

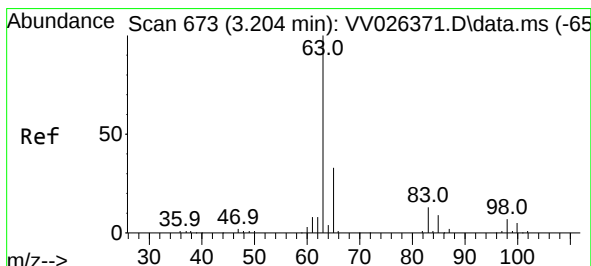
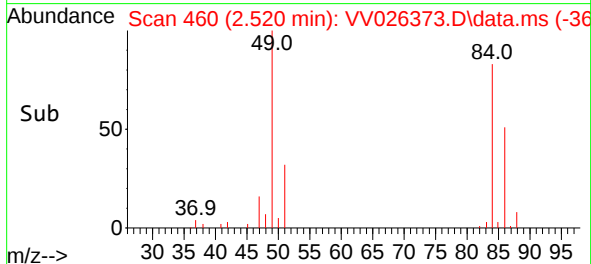
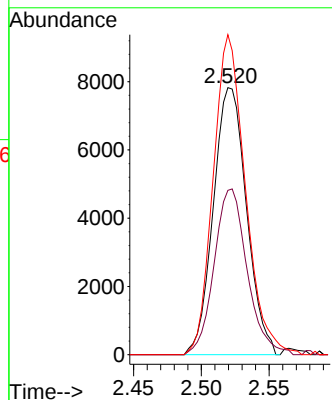
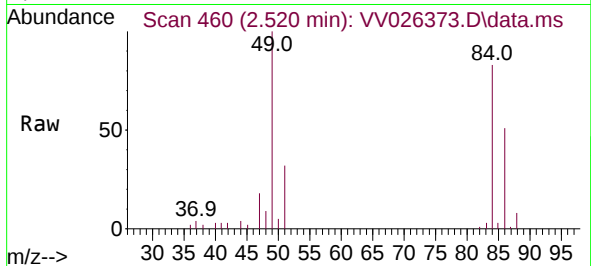




#16
Methylene chloride
Concen: 0.874 ug/L
RT: 2.520 min Scan# 461
Delta R.T. -0.003 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51

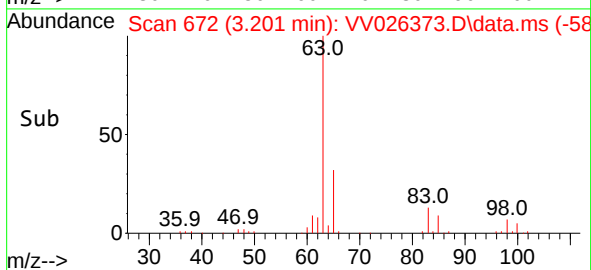
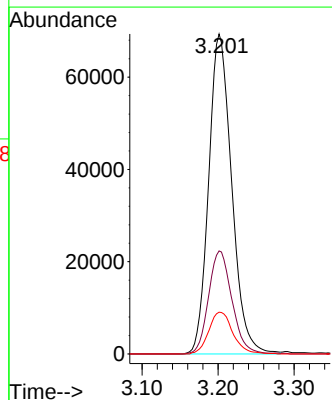
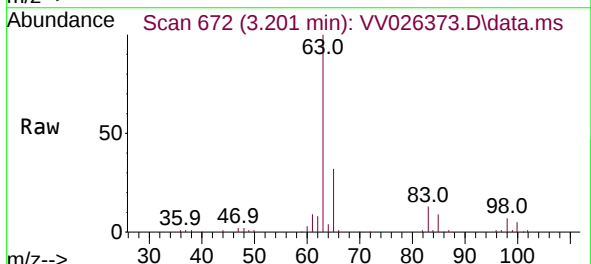
Instrument :
MSVOA_V
ClientSampleId :

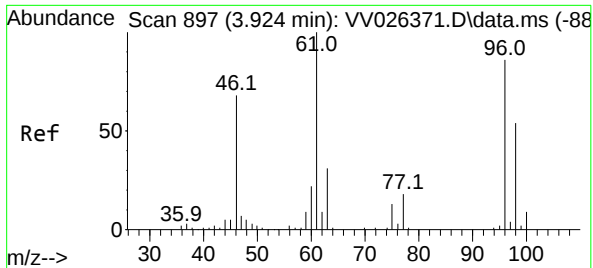
Tgt Ion: 84 Resp: 13333
Ion Ratio Lower Upper
84 100
86 61.5 44.0 81.8
49 119.8 77.3 143.7



#19
1,1-Dichloroethane
Concen: 6.597 ug/L
RT: 3.201 min Scan# 672
Delta R.T. -0.003 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51

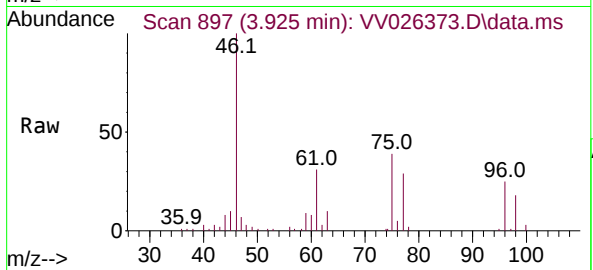
Tgt Ion: 63 Resp: 145887
Ion Ratio Lower Upper
63 100
65 32.2 22.3 41.3
83 13.0 8.9 16.5



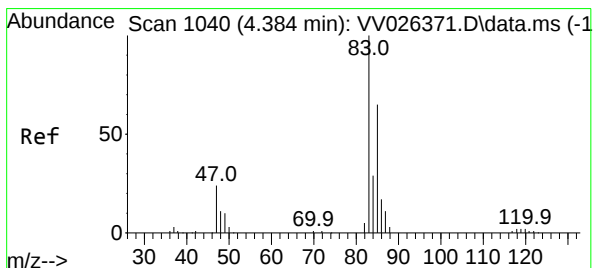
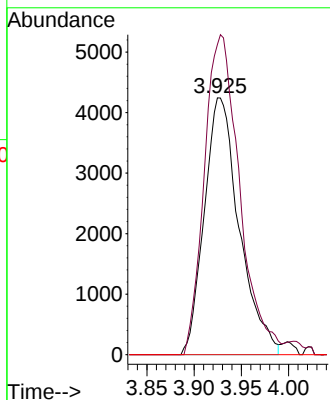
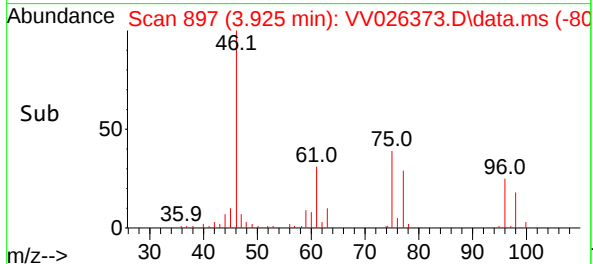


#22
 cis-1,2-Dichloroethene
 Concen: 0.931 ug/L
 RT: 3.925 min Scan# 897
 Delta R.T. 0.000 min
 Lab File: VV026373.D
 Acq: 17 Jun 2022 11:51

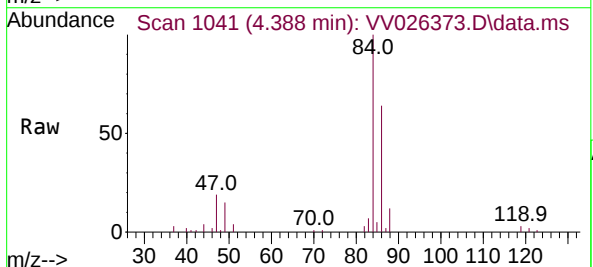
Instrument :
 MSVOA_V
 ClientSampleId :



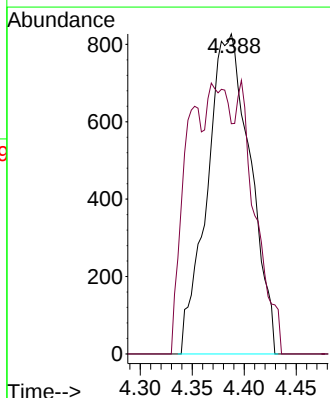
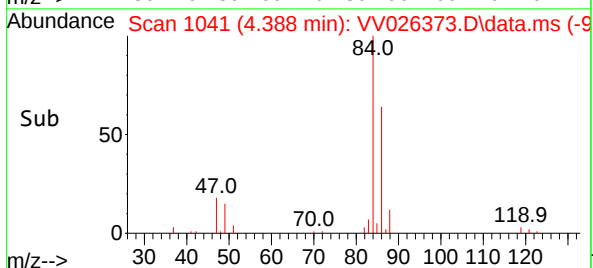
Tgt Ion: 96 Resp: 10922
 Ion Ratio Lower Upper
 96 100
 61 120.8 83.6 155.2
 68 0.0 0.0 0.0

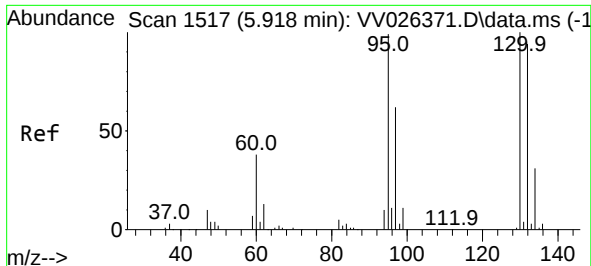


#25
 Chloroform
 Concen: 0.100 ug/L
 RT: 4.388 min Scan# 1041
 Delta R.T. 0.003 min
 Lab File: VV026373.D
 Acq: 17 Jun 2022 11:51



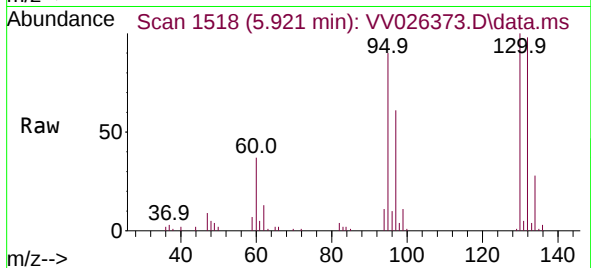
Tgt Ion: 83 Resp: 2387
 Ion Ratio Lower Upper
 83 100
 85 71.9 46.5 86.3



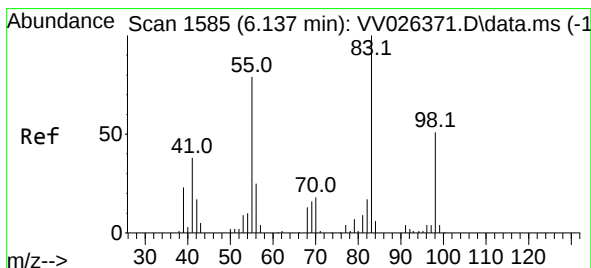
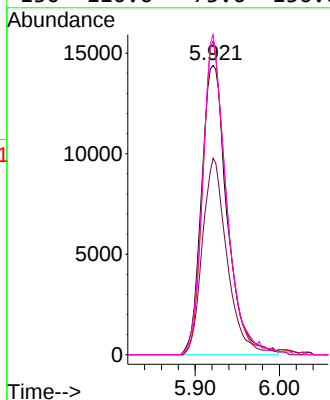
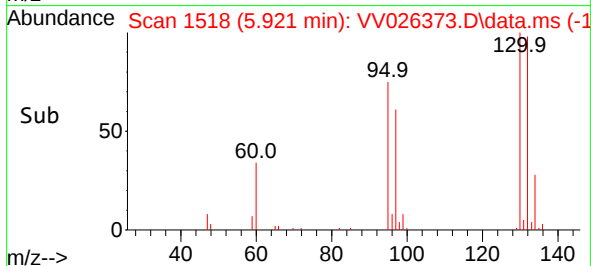


#34
Trichloroethene
Concen: 2.350 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51

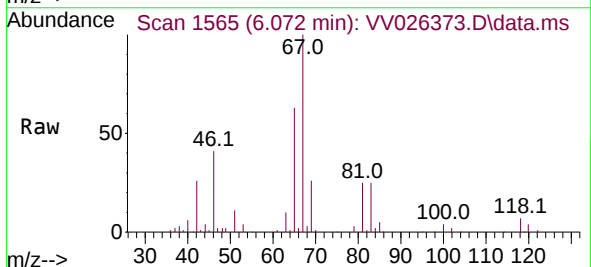
Instrument :
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ClientSampleId :



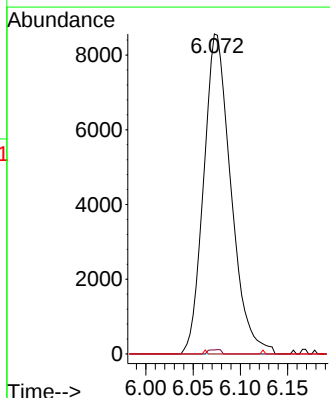
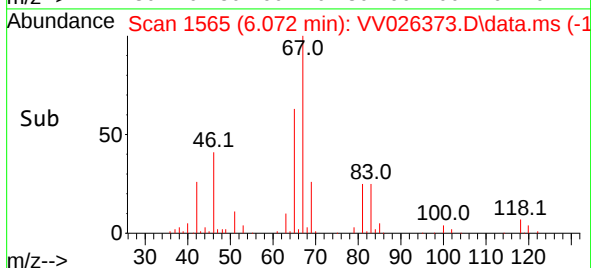
Tgt Ion: 95 Resp: 30523
Ion Ratio Lower Upper
95 100
97 67.9 46.5 86.3
132 108.3 68.8 127.8
130 110.6 73.6 136.6

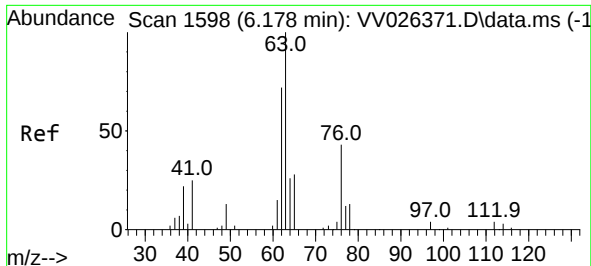


#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.064 min
Lab File: VV026373.D
Acq: 17 Jun 2022 11:51



Tgt Ion: 83 Resp: 17165
Ion Ratio Lower Upper
83 100
55 0.6 59.3 88.9#
98 0.8 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026373.D

Acq: 17 Jun 2022 11:51

Instrument :

MSVOA_V

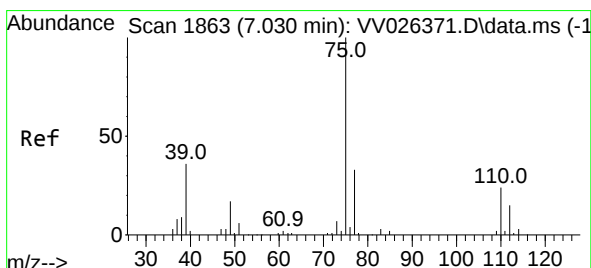
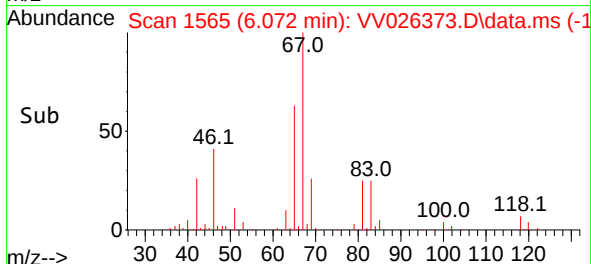
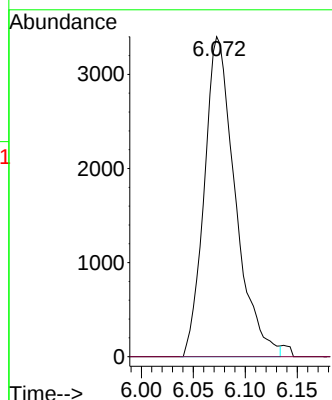
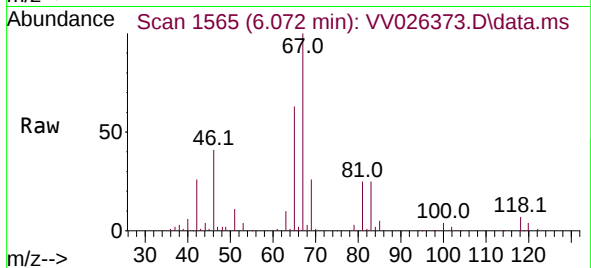
ClientSampleId :

Tgt Ion: 63 Resp: 7035

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.038 min

Lab File: VV026373.D

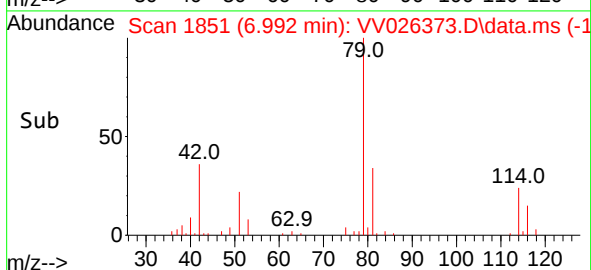
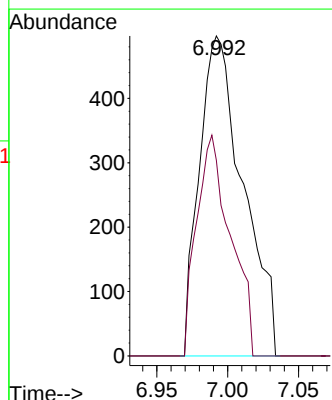
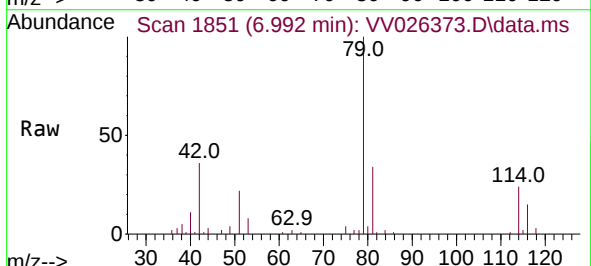
Acq: 17 Jun 2022 11:51

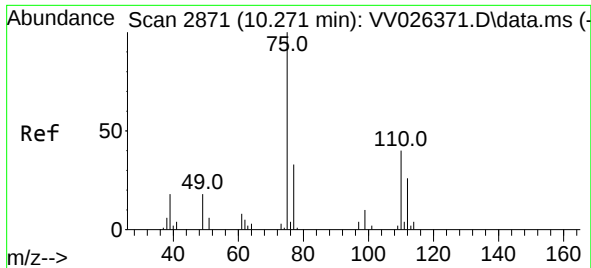
Tgt Ion: 75 Resp: 1069

Ion Ratio Lower Upper

75 100

77 61.2 23.0 42.6#





#61

1,2,3-Trichloropropane

Concen: 1.690 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

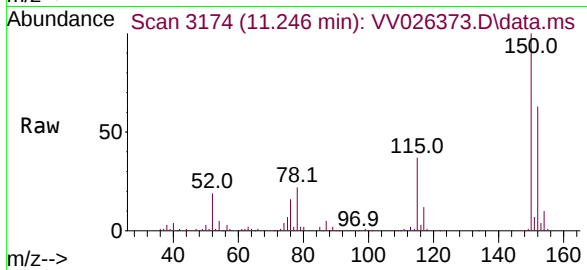
Lab File: VV026373.D

Acq: 17 Jun 2022 11:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8169

Ion Ratio Lower Upper

75 100

77 34.7 26.9 40.3

110 1.5 30.7 46.1#

