

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026139.D
 Acq On : 11 Jun 2022 18:55
 Operator : SY/MD
 Sample : N3312-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 01:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:15:38 2022
 Response via : Initial Calibration

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

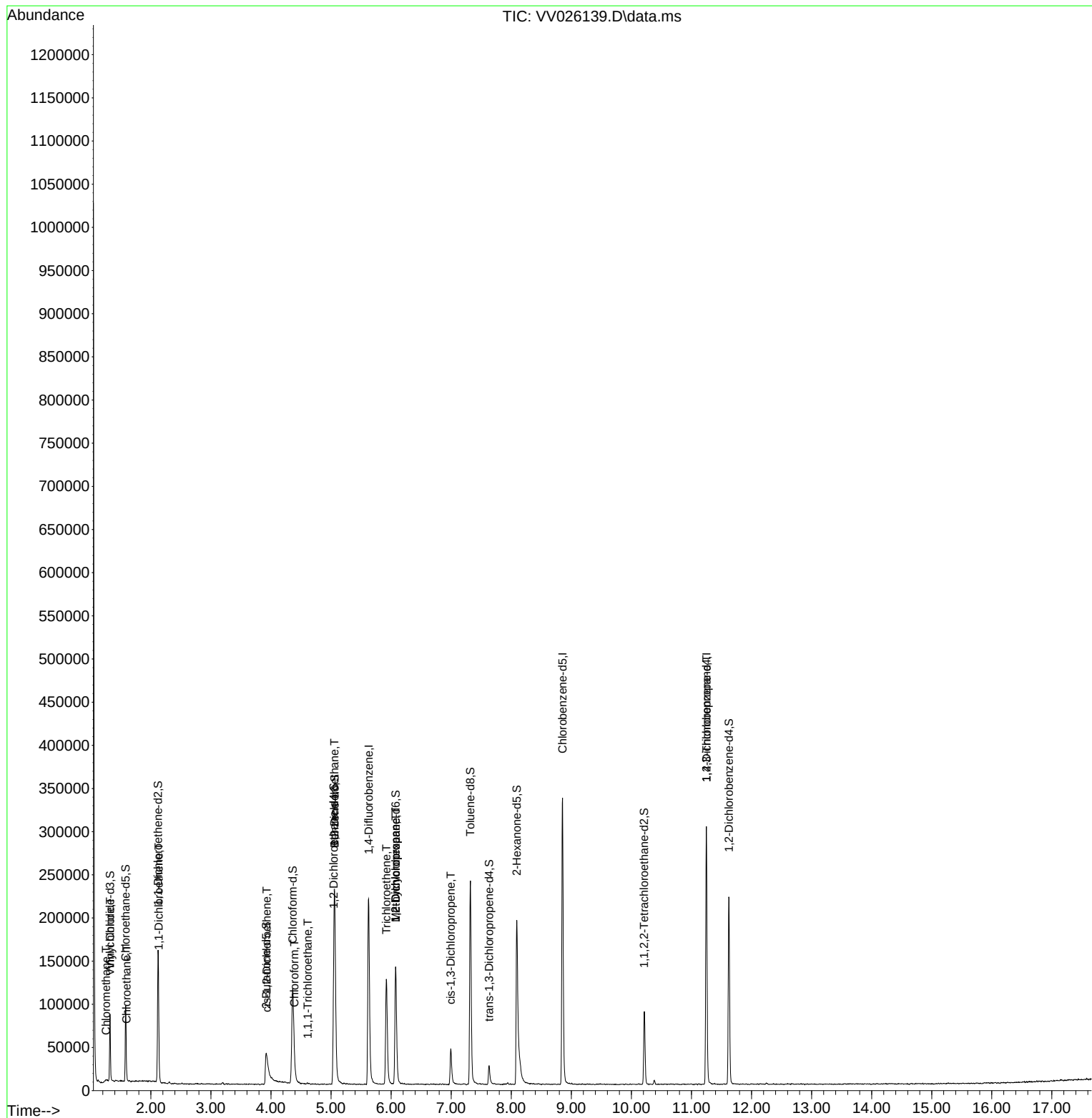
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	191652	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	48467	4.308	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.581	69	55408	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.121	63	80469	3.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.921	46	79904	48.021	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.040%
24) Chloroform-d	4.362	84	113942	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.043	65	49120	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.059	84	211958	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.076	67	69384	4.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.320	98	164016	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.632	79	14019	3.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.092	63	74733	41.145	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42566	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	56977	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
3) Chloromethane	1.253	50	990	0.047	ug/L #	82
5) Vinyl chloride	1.323	62	892	0.040	ug/L #	1
8) Chloroethane	1.597	64	1235	0.091	ug/L #	82
12) 1,1-Dichloroethene	2.130	96	2069	0.134	ug/L #	1
22) cis-1,2-Dichloroethene	3.931	96	1933	0.135	ug/L	92
25) Chloroform	4.391	83	8710	0.321	ug/L	95
27) 1,2-Dichloroethane	5.056	62	1113	0.083	ug/L #	72
29) 1,1,1-Trichloroethane	4.613	97	460	0.019	ug/L #	86
34) Trichloroethene	5.921	95	43951	2.855	ug/L	99
35) Methylcyclohexane	6.076	83	16095	0.678	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7039	0.493	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1178	0.067	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	9536	1.563	ug/L #	65

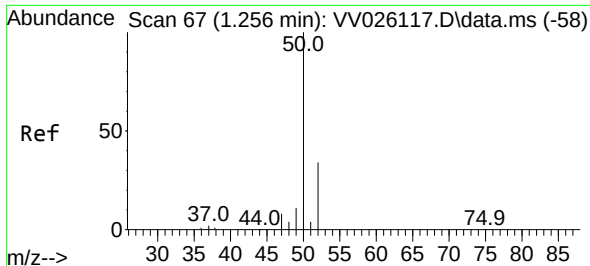
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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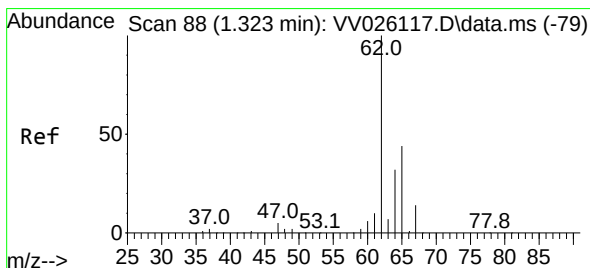
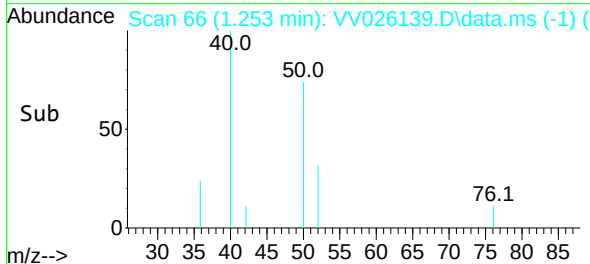
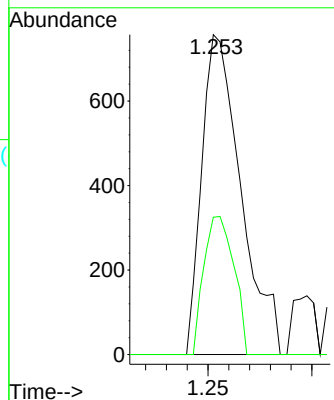
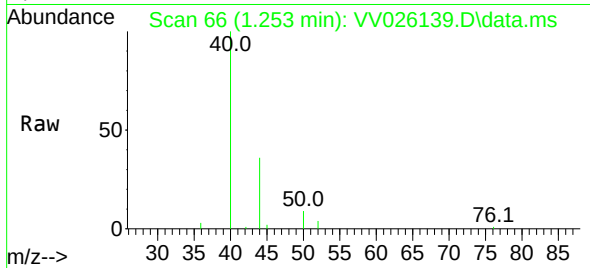




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.253 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV026139.D
Acq: 11 Jun 2022 18:55

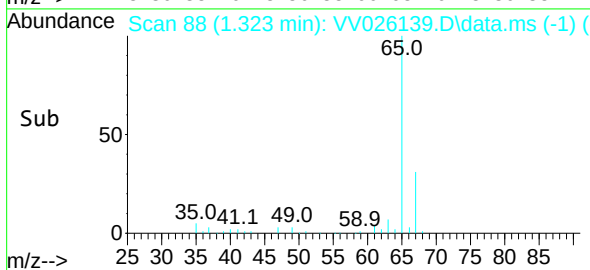
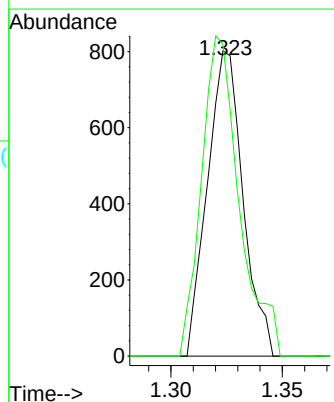
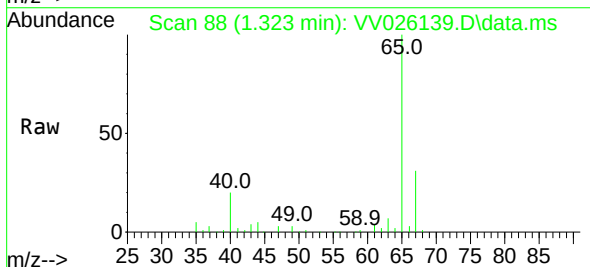
Instrument :
MSVOA_V
ClientSampleId :

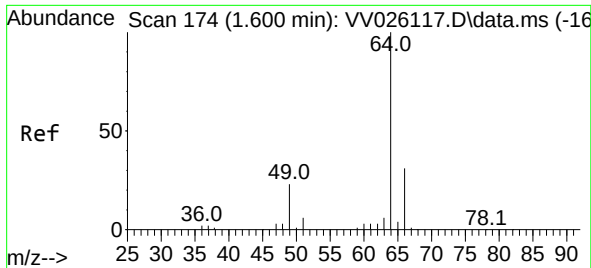
Tgt Ion: 50 Resp: 990
Ion Ratio Lower Upper
50 100
52 42.9 23.0 42.6#



#5
Vinyl chloride
Concen: 0.040 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.000 min
Lab File: VV026139.D
Acq: 11 Jun 2022 18:55

Tgt Ion: 62 Resp: 892
Ion Ratio Lower Upper
62 100
64 102.1 23.4 43.4#

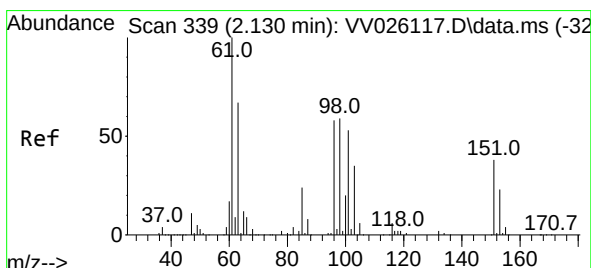
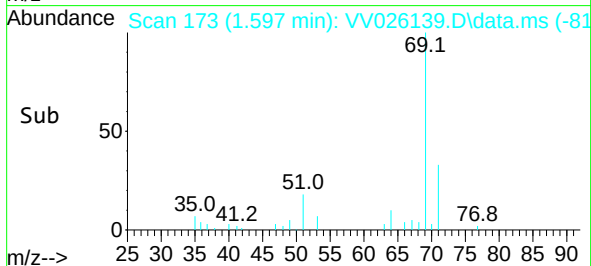
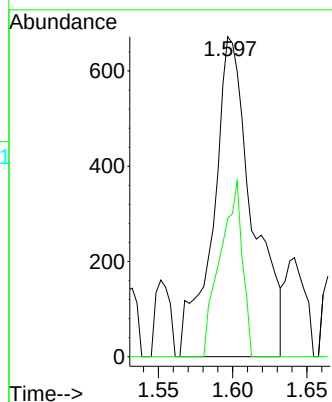
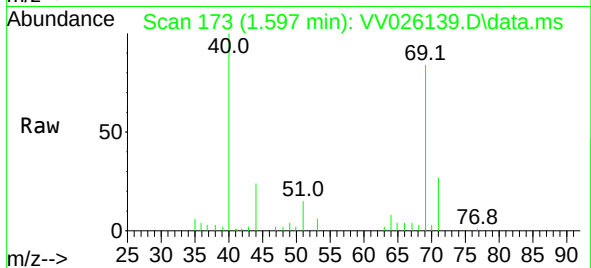




#8
Chloroethane
Concen: 0.091 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026139.D
Acq: 11 Jun 2022 18:55

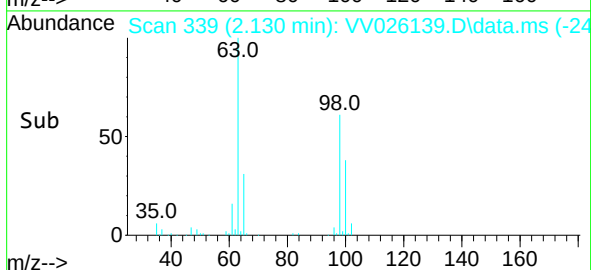
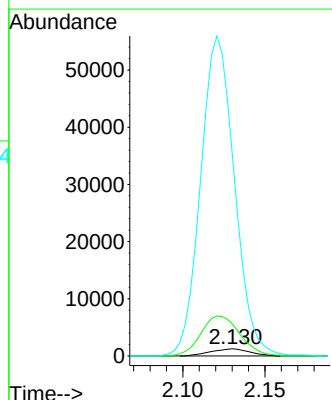
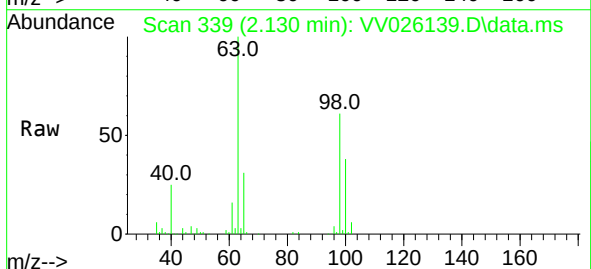
Instrument :
MSVOA_V
ClientSampleId :

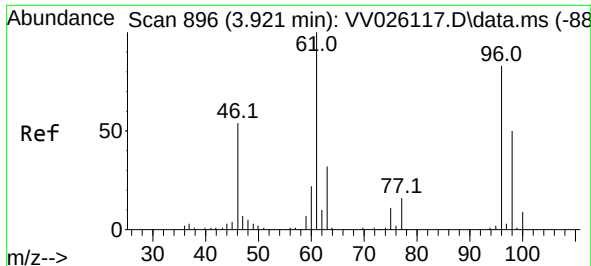
Tgt Ion: 64 Resp: 1235
Ion Ratio Lower Upper
64 100
66 43.2 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.134 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.000 min
Lab File: VV026139.D
Acq: 11 Jun 2022 18:55

Tgt Ion: 96 Resp: 2069
Ion Ratio Lower Upper
96 100
61 439.7 122.6 227.6#
63 2743.4 78.5 145.9#

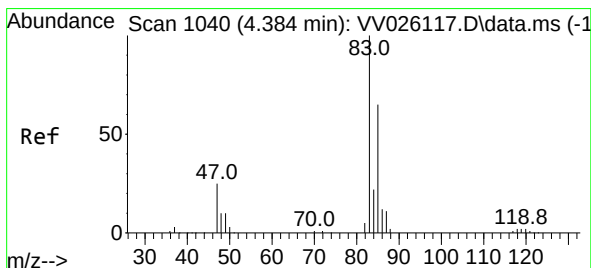
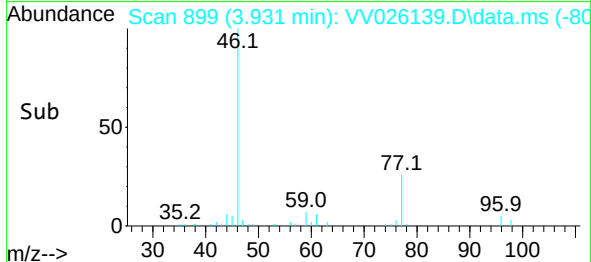
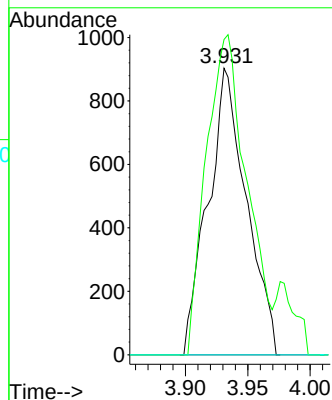
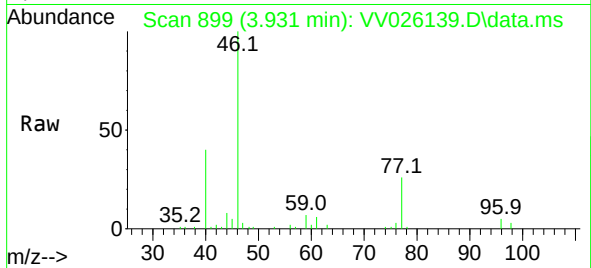




#22
 cis-1,2-Dichloroethene
 Concen: 0.135 ug/L
 RT: 3.931 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV026139.D
 Acq: 11 Jun 2022 18:55

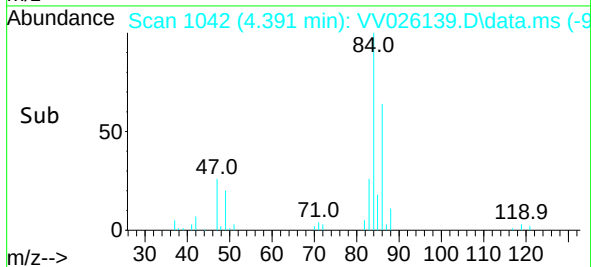
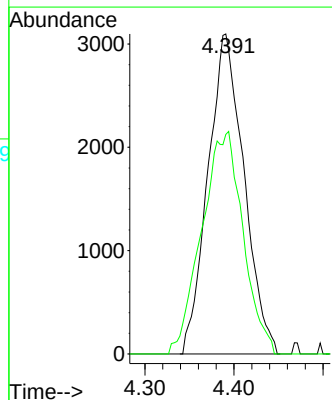
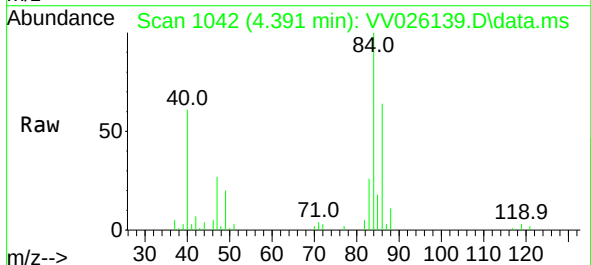
Instrument :
 MSVOA_V
 ClientSampleId :

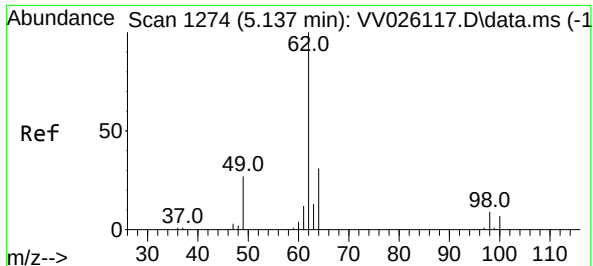
Tgt Ion: 96 Resp: 1933
 Ion Ratio Lower Upper
 96 100
 61 110.1 83.1 154.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.321 ug/L
 RT: 4.391 min Scan# 1042
 Delta R.T. 0.006 min
 Lab File: VV026139.D
 Acq: 11 Jun 2022 18:55

Tgt Ion: 83 Resp: 8710
 Ion Ratio Lower Upper
 83 100
 85 68.6 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.083 ug/L

RT: 5.056 min Scan# 1113

Delta R.T. -0.080 min

Lab File: VV026139.D

Acq: 11 Jun 2022 18:55

Instrument :

MSVOA_V

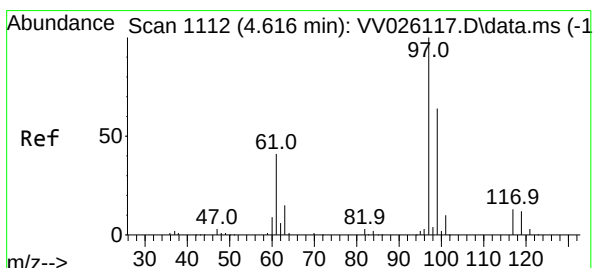
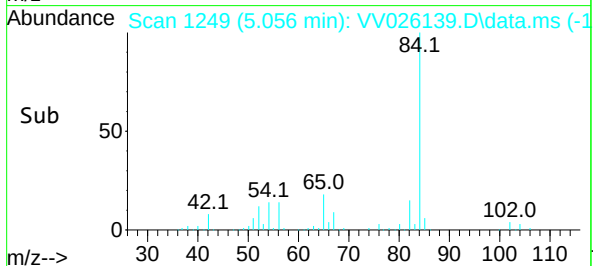
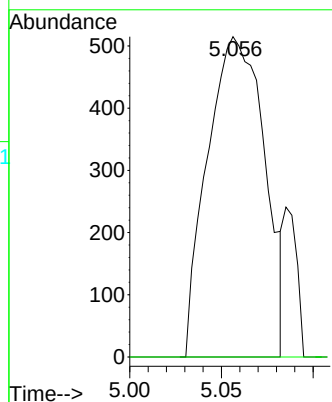
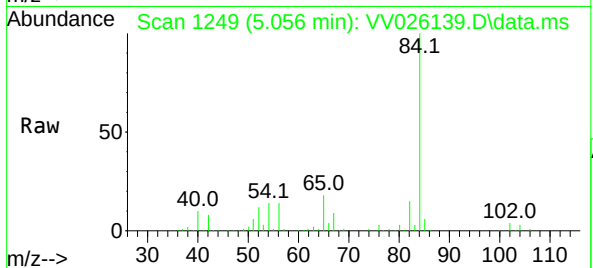
ClientSampleId :

Tgt Ion: 62 Resp: 1113

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#29

1,1,1-Trichloroethane

Concen: 0.019 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.003 min

Lab File: VV026139.D

Acq: 11 Jun 2022 18:55

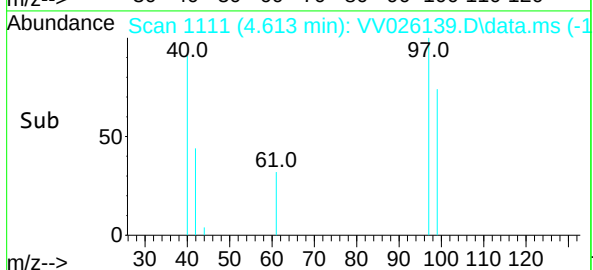
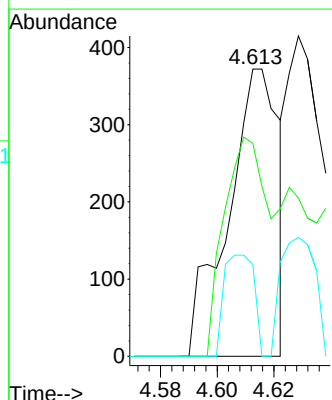
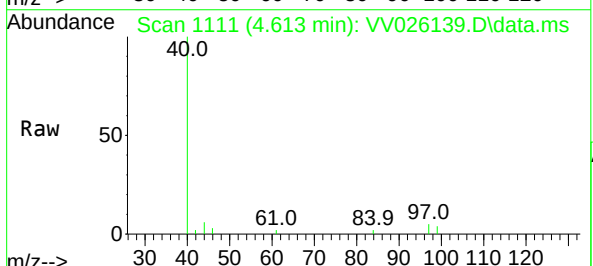
Tgt Ion: 97 Resp: 460

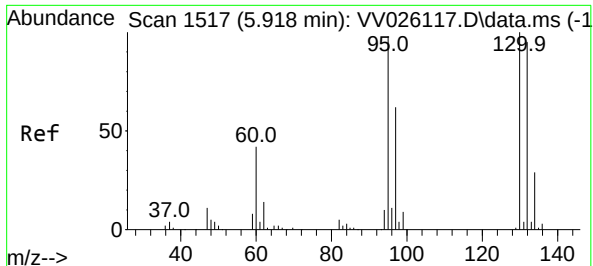
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 20.9 34.9 52.3#

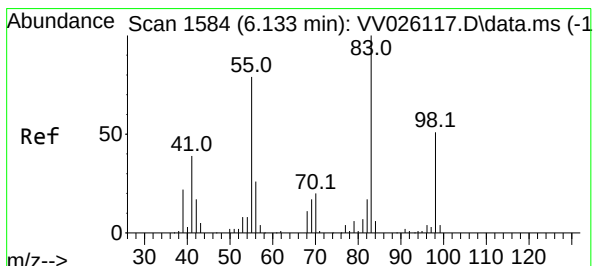
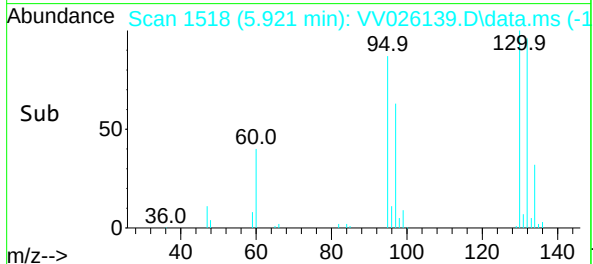
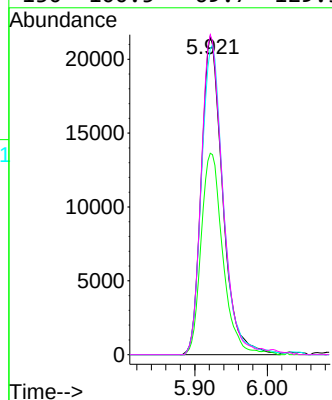
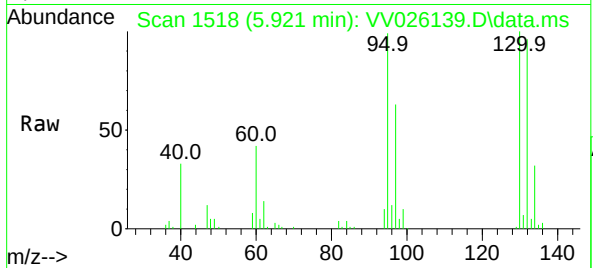




#34
Trichloroethene
Concen: 2.855 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026139.D
Acq: 11 Jun 2022 18:55

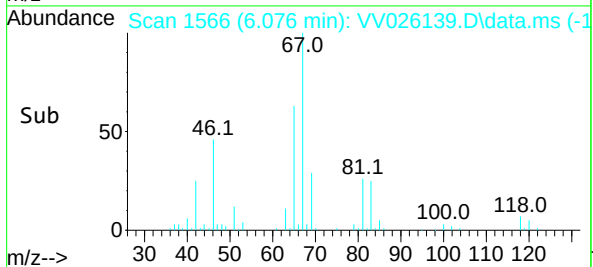
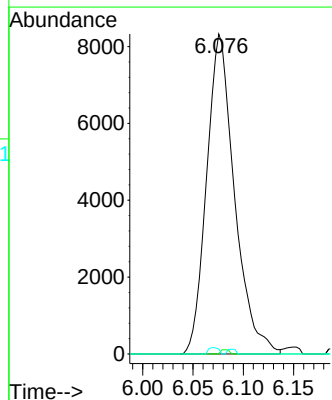
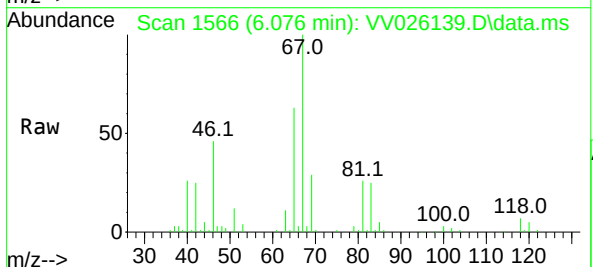
Instrument :
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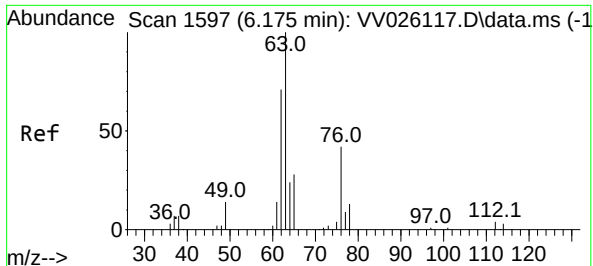
Tgt Ion: 95 Resp: 43951
Ion Ratio Lower Upper
95 100
97 63.3 44.0 81.6
132 96.1 67.5 125.4
130 100.5 69.7 129.5



#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026139.D
Acq: 11 Jun 2022 18:55

Tgt Ion: 83 Resp: 16095
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 0.4 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026139.D

Acq: 11 Jun 2022 18:55

Instrument :

MSVOA_V

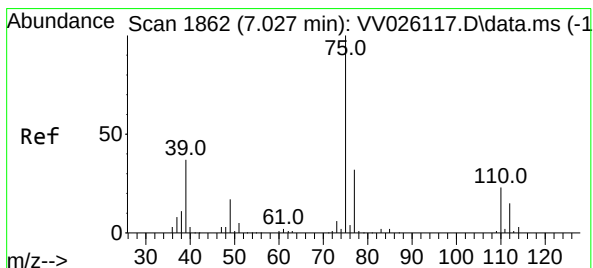
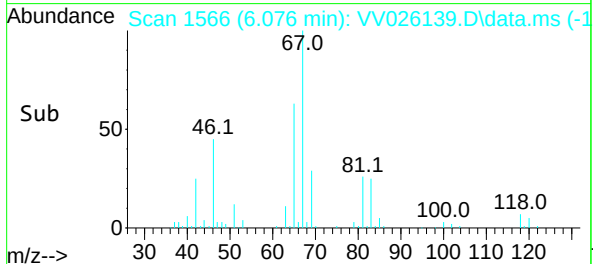
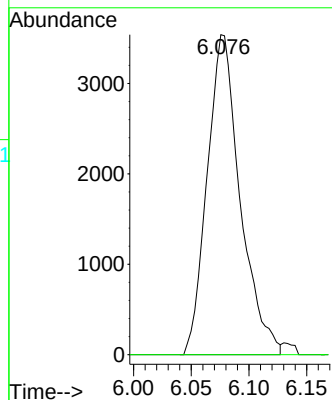
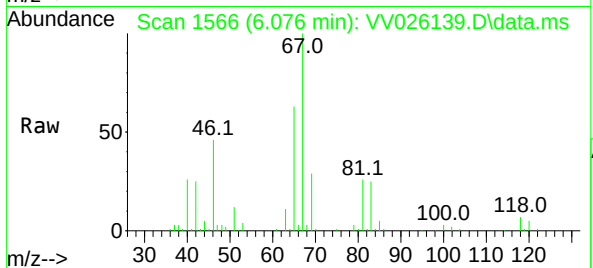
ClientSampleId :

Tgt Ion: 63 Resp: 7039

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026139.D

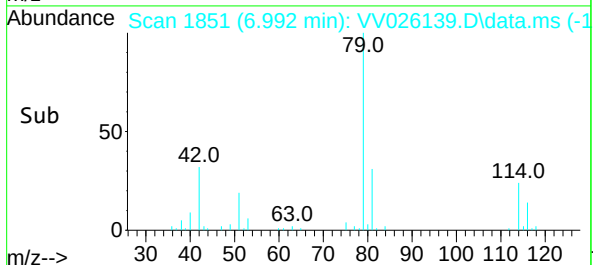
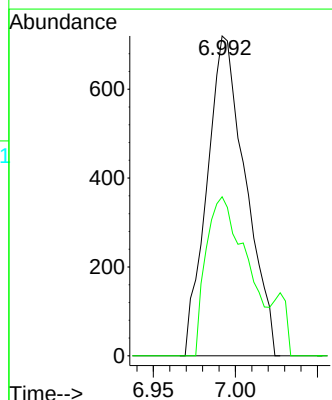
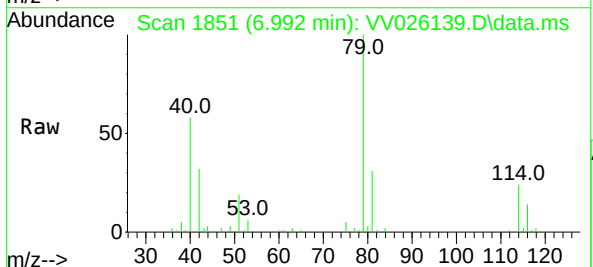
Acq: 11 Jun 2022 18:55

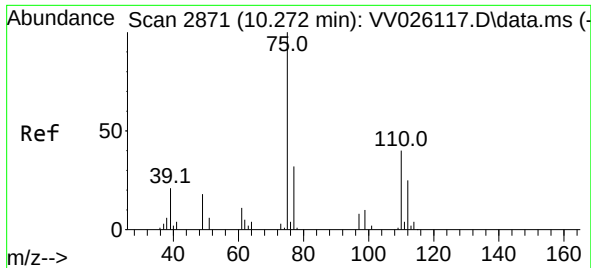
Tgt Ion: 75 Resp: 1178

Ion Ratio Lower Upper

75 100

77 49.7 23.2 43.0#





#61

1,2,3-Trichloropropane

Concen: 1.563 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

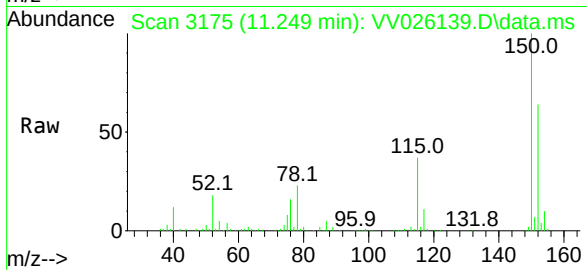
Lab File: VV026139.D

Acq: 11 Jun 2022 18:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9536

Ion Ratio Lower Upper

75 100

77 30.4 26.6 40.0

110 3.3 32.0 48.0#

