

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026401.D
 Acq On : 17 Jun 2022 23:40
 Operator : SY/MD
 Sample : N3278-10 10000X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 01:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

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

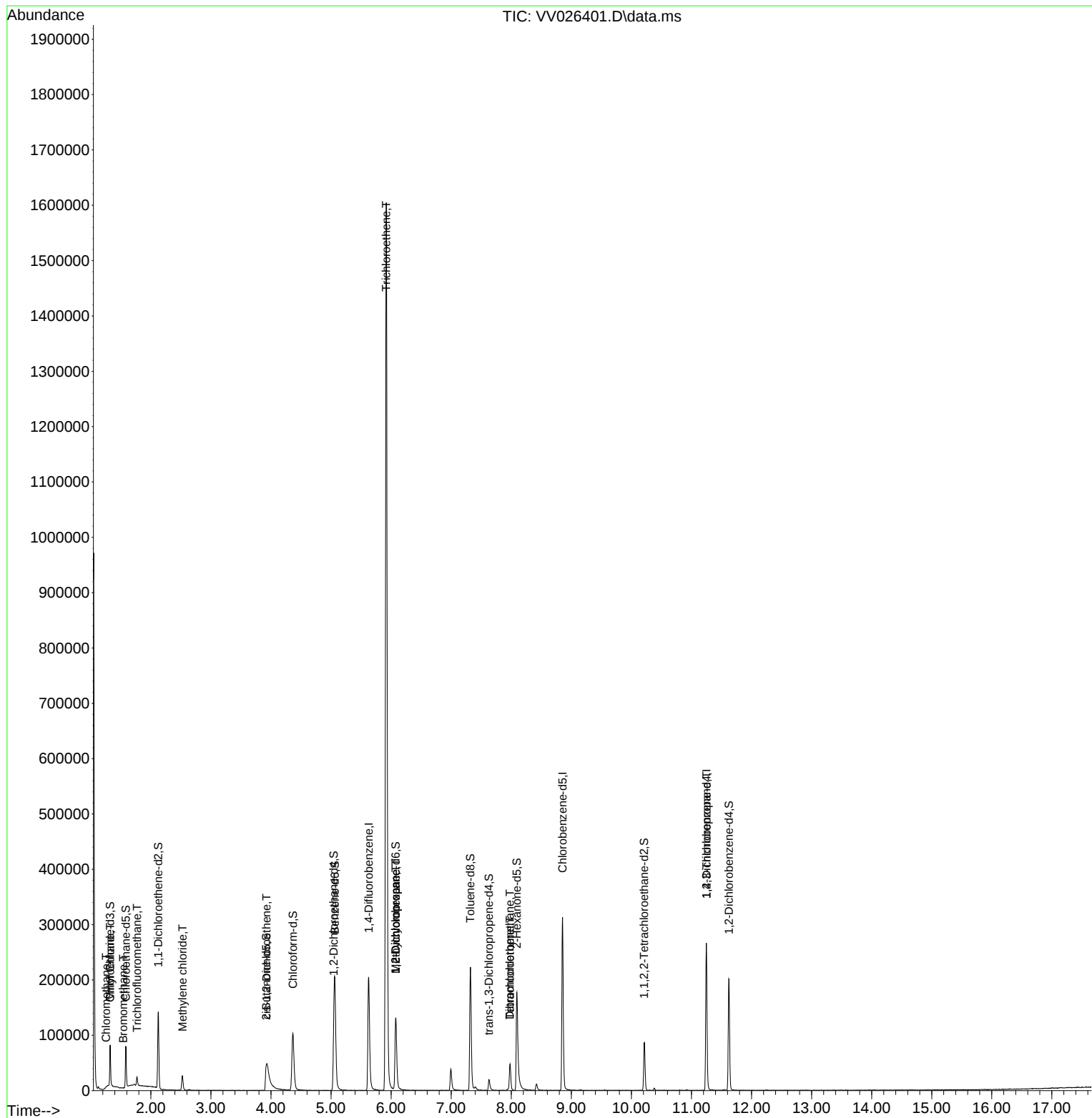
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	183824	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	180940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	49302	3.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.584	69	48190	3.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.124	63	72874	2.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.200%#
20) 2-Butanone-d5	3.921	46	82096	52.695	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.400%
24) Chloroform-d	4.365	84	111699	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.044	65	46935	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.063	84	195216	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.079	67	65778	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.320	98	153658	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.629	79	12953	2.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.600%
46) 2-Hexanone-d5	8.092	63	61697	44.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43483	5.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	52448	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	588	0.039	ug/L	95
6) Bromomethane	1.542	94	406	0.046	ug/L #	47
8) Chloroethane	1.320	64	1896	0.192	ug/L	91
9) Trichlorofluoromethane	1.770	101	8589	0.392	ug/L	98
16) Methylene chloride	2.526	84	11303	0.763	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	519	0.046	ug/L #	15
34) Trichloroethene	5.918	95	561019	44.298	ug/L	98
35) Methylcyclohexane	6.076	83	15861	0.905	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	7249	0.597	ug/L #	92
47) Tetrachloroethene	7.979	164	10745	1.145	ug/L	96
49) Dibromochloromethane	7.979	129	10688	1.212	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8129	1.759	ug/L #	66

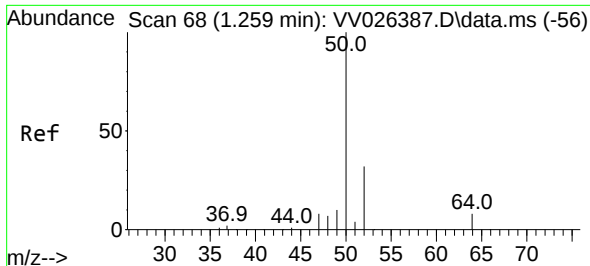
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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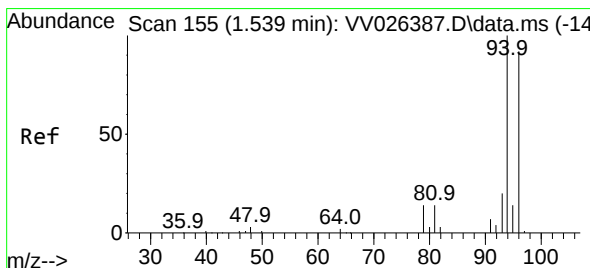
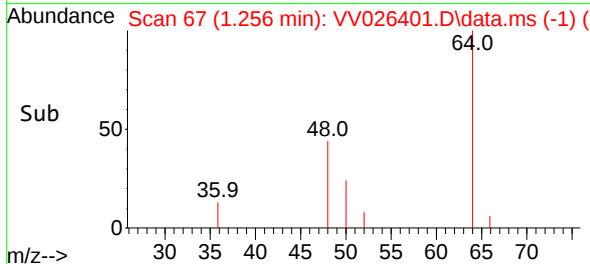
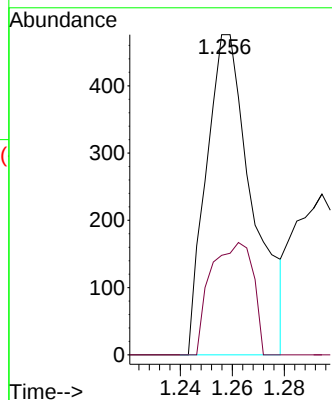
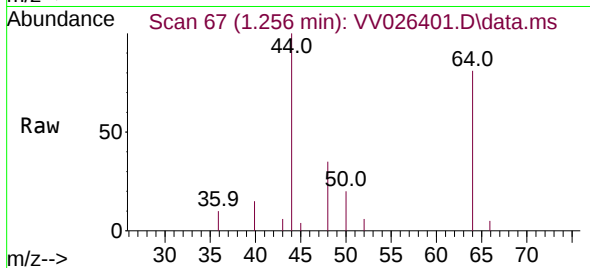




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026401.D
Acq: 17 Jun 2022 23:40

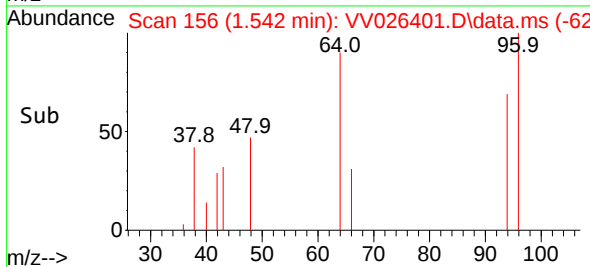
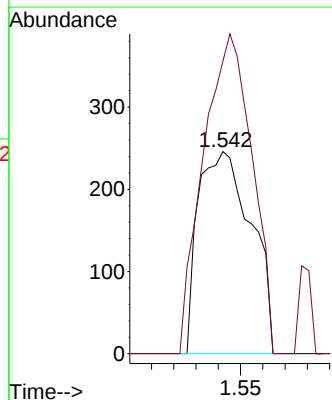
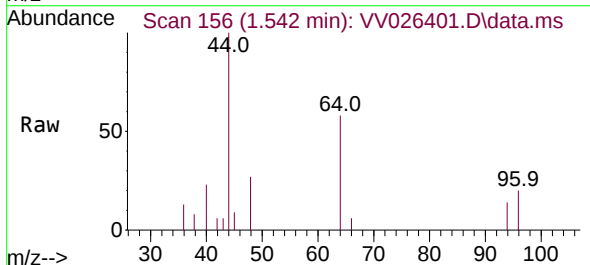
Instrument :
MSVOA_V
ClientSampleId :

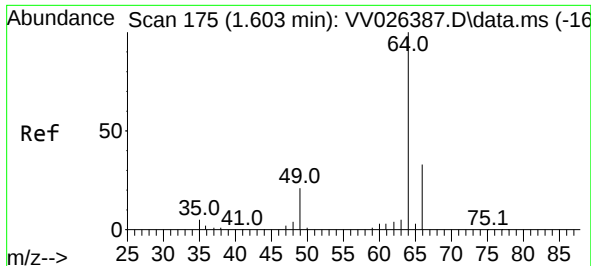
Tgt Ion: 50 Resp: 588
Ion Ratio Lower Upper
50 100
52 31.1 23.7 44.1



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.003 min
Lab File: VV026401.D
Acq: 17 Jun 2022 23:40

Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 144.7 65.7 121.9#





#8

Chloroethane

Concen: 0.192 ug/L

RT: 1.320 min Scan# 81

Delta R.T. -0.283 min

Lab File: VV026401.D

Acq: 17 Jun 2022 23:40

Instrument :

MSVOA_V

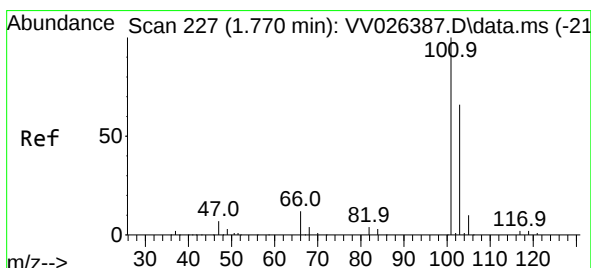
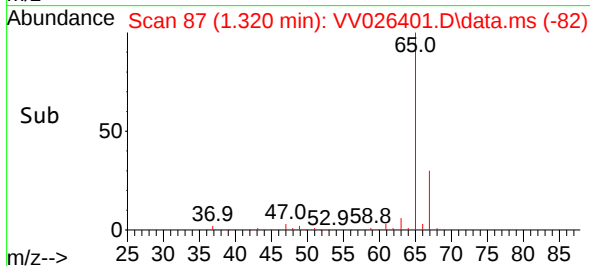
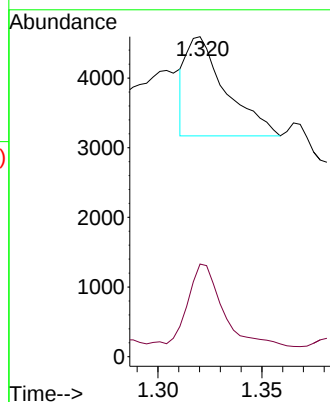
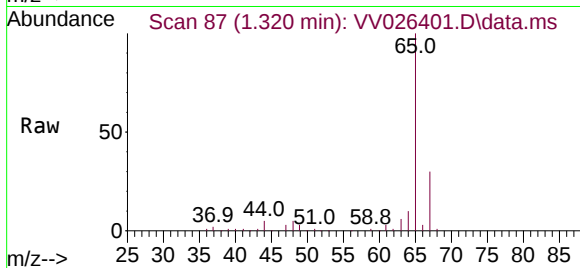
ClientSampleId :

Tgt Ion: 64 Resp: 1896

Ion Ratio Lower Upper

64 100

66 29.0 24.1 44.7



#9

Trichlorofluoromethane

Concen: 0.392 ug/L

RT: 1.770 min Scan# 227

Delta R.T. 0.000 min

Lab File: VV026401.D

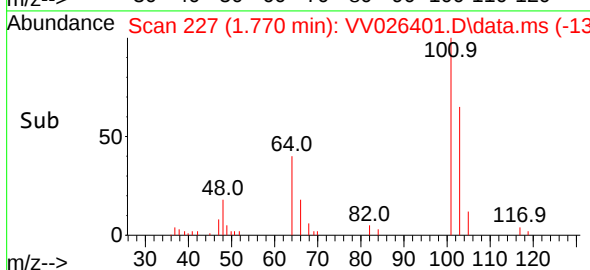
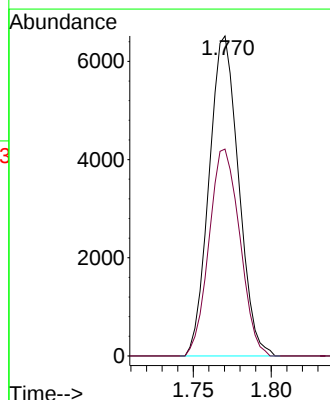
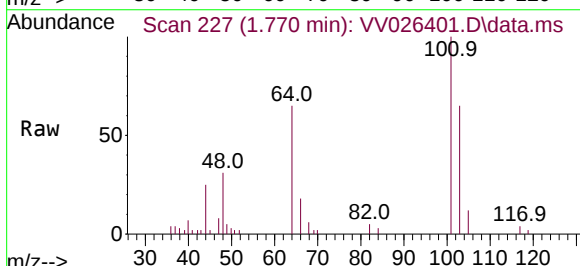
Acq: 17 Jun 2022 23:40

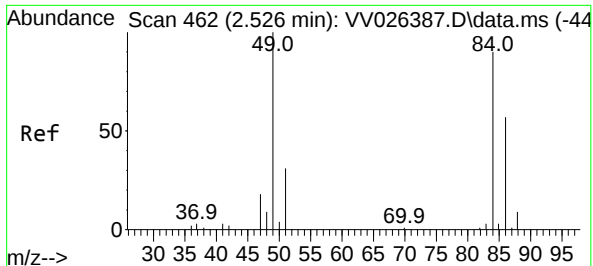
Tgt Ion:101 Resp: 8589

Ion Ratio Lower Upper

101 100

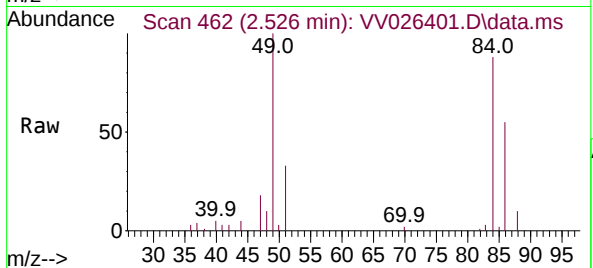
103 67.4 52.3 78.5



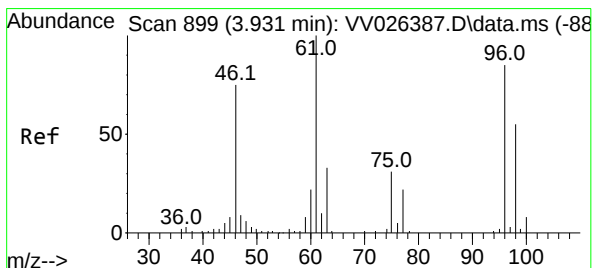
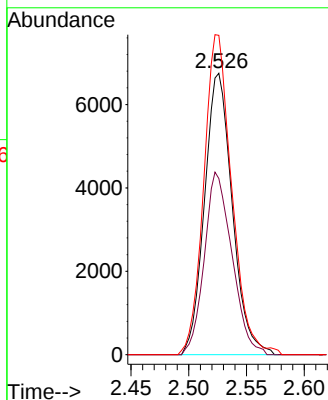
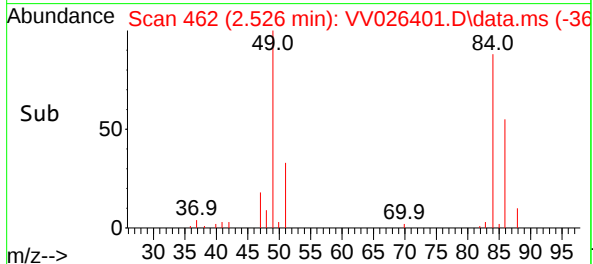


#16
Methylene chloride
Concen: 0.763 ug/L
RT: 2.526 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026401.D
Acq: 17 Jun 2022 23:40

Instrument :
MSVOA_V
ClientSampleId :

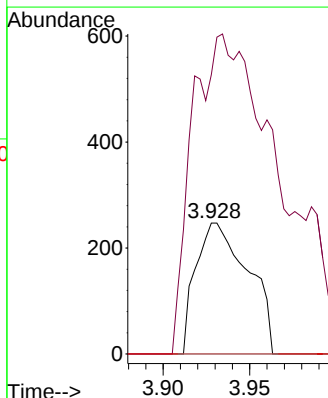
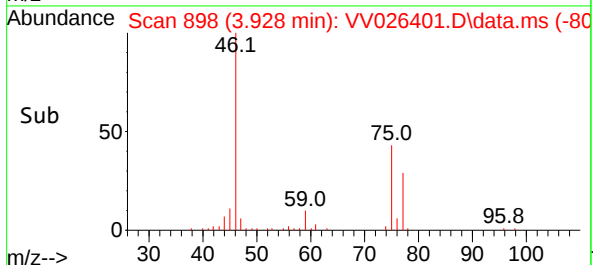
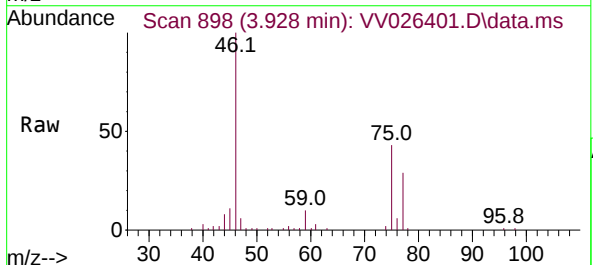


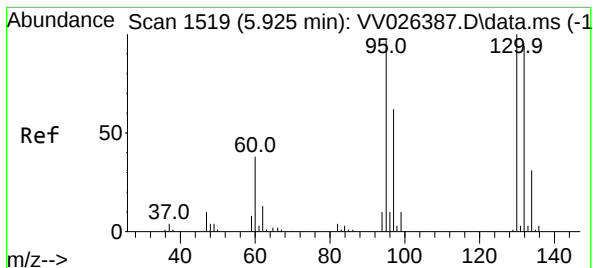
Tgt Ion: 84 Resp: 11303
Ion Ratio Lower Upper
84 100
86 62.6 44.0 81.8
49 113.5 77.3 143.7



#22
cis-1,2-Dichloroethene
Concen: 0.046 ug/L
RT: 3.928 min Scan# 898
Delta R.T. -0.003 min
Lab File: VV026401.D
Acq: 17 Jun 2022 23:40

Tgt Ion: 96 Resp: 519
Ion Ratio Lower Upper
96 100
61 213.4 83.6 155.2#
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 44.298 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VV026401.D

Acq: 17 Jun 2022 23:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 561019

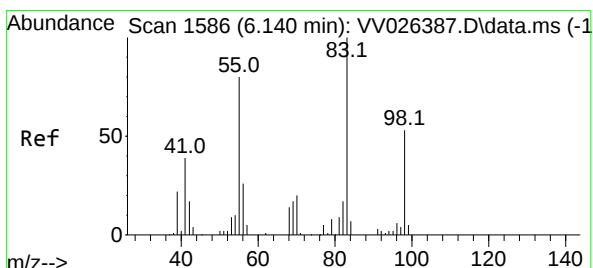
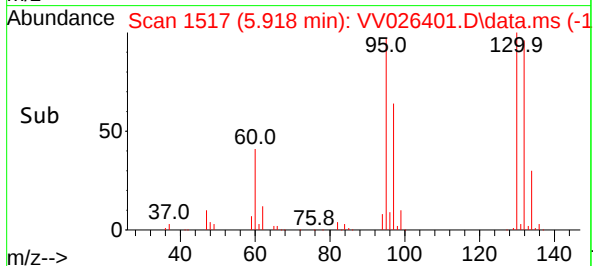
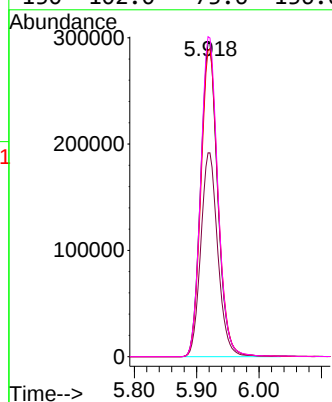
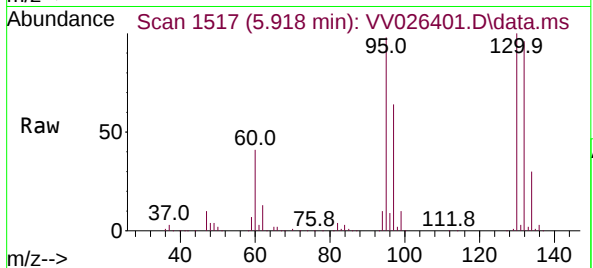
Ion Ratio Lower Upper

95 100

97 65.0 46.5 86.3

132 97.6 68.8 127.8

130 102.0 73.6 136.6



#35

Methylcyclohexane

Concen: 0.905 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.064 min

Lab File: VV026401.D

Acq: 17 Jun 2022 23:40

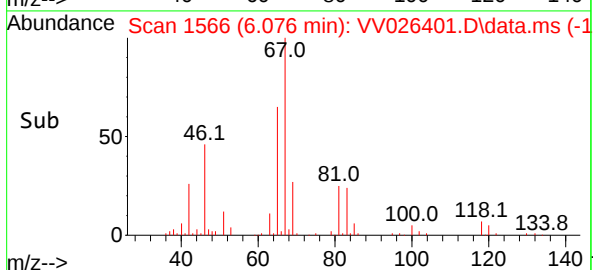
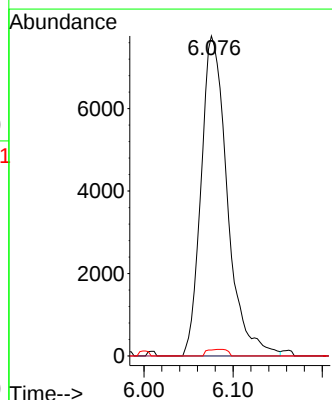
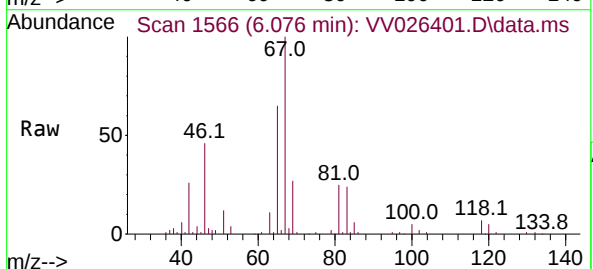
Tgt Ion: 83 Resp: 15861

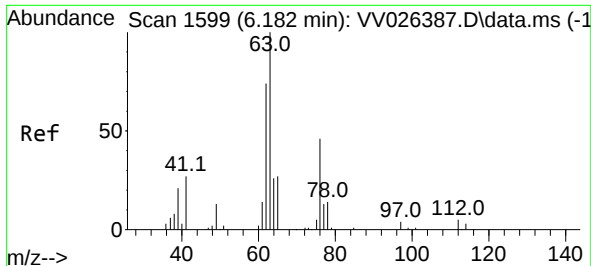
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026401.D

Acq: 17 Jun 2022 23:40

Instrument :

MSVOA_V

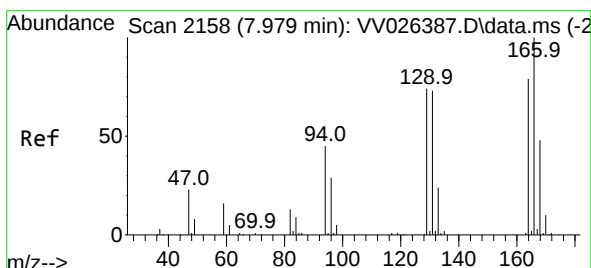
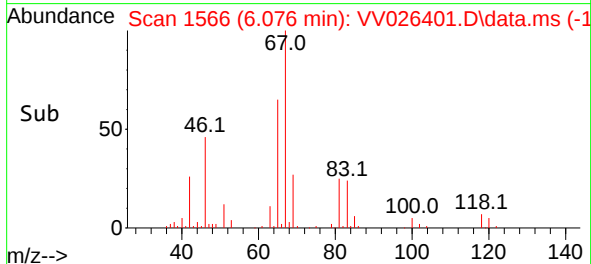
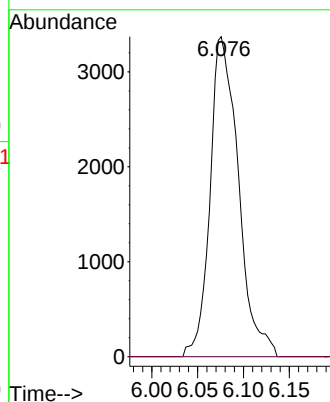
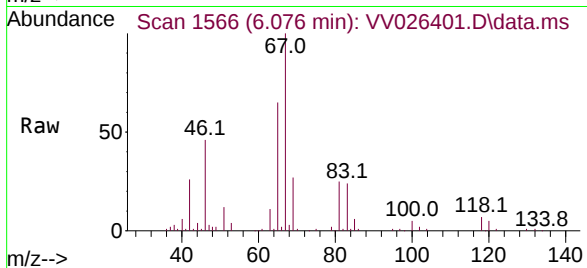
ClientSampleId :

Tgt Ion: 63 Resp: 7249

Ion Ratio Lower Upper

63 100

112 1.5 3.3 4.9#



#47

Tetrachloroethene

Concen: 1.145 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV026401.D

Acq: 17 Jun 2022 23:40

Tgt Ion: 164 Resp: 10745

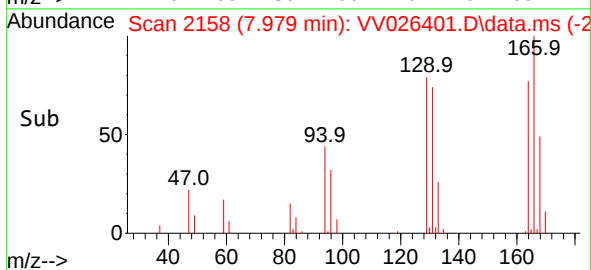
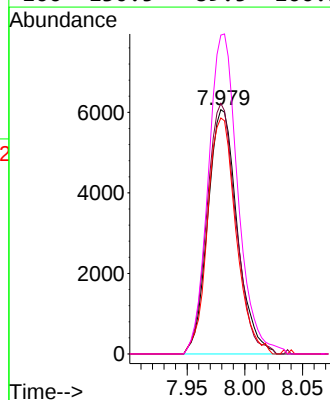
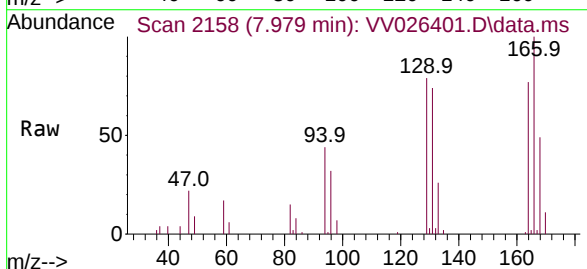
Ion Ratio Lower Upper

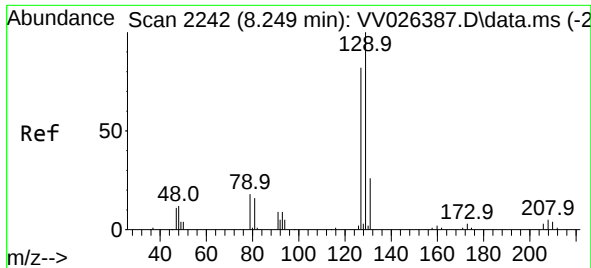
164 100

129 102.5 67.5 125.3

131 96.6 63.8 118.4

166 130.5 89.5 166.3





#49

Dibromochloromethane

Concen: 1.212 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV026401.D

Acq: 17 Jun 2022 23:40

Instrument :

MSVOA_V

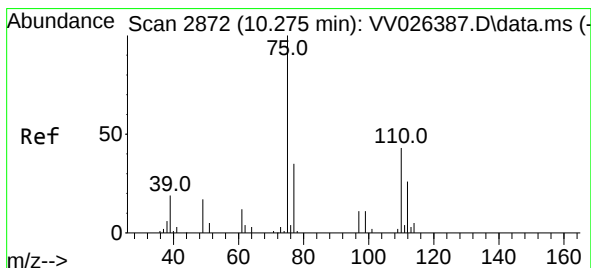
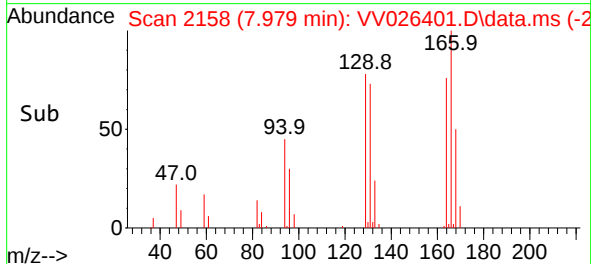
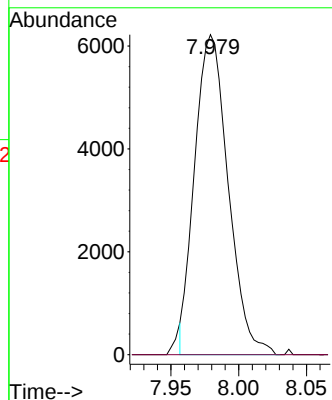
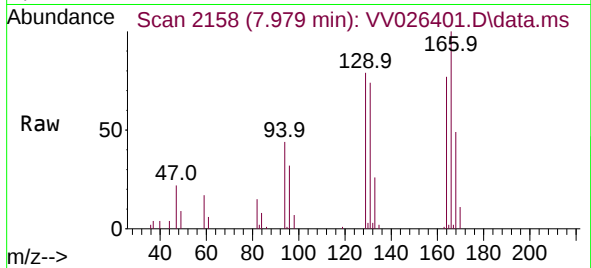
ClientSampleId :

Tgt Ion:129 Resp: 10688

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.759 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026401.D

Acq: 17 Jun 2022 23:40

Tgt Ion: 75 Resp: 8129

Ion Ratio Lower Upper

75 100

77 32.2 26.9 40.3

110 1.4 30.7 46.1#

