

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027374.D
 Acq On : 13 Aug 2022 17:35
 Operator : SY/MD
 Sample : N4162-14DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:53:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

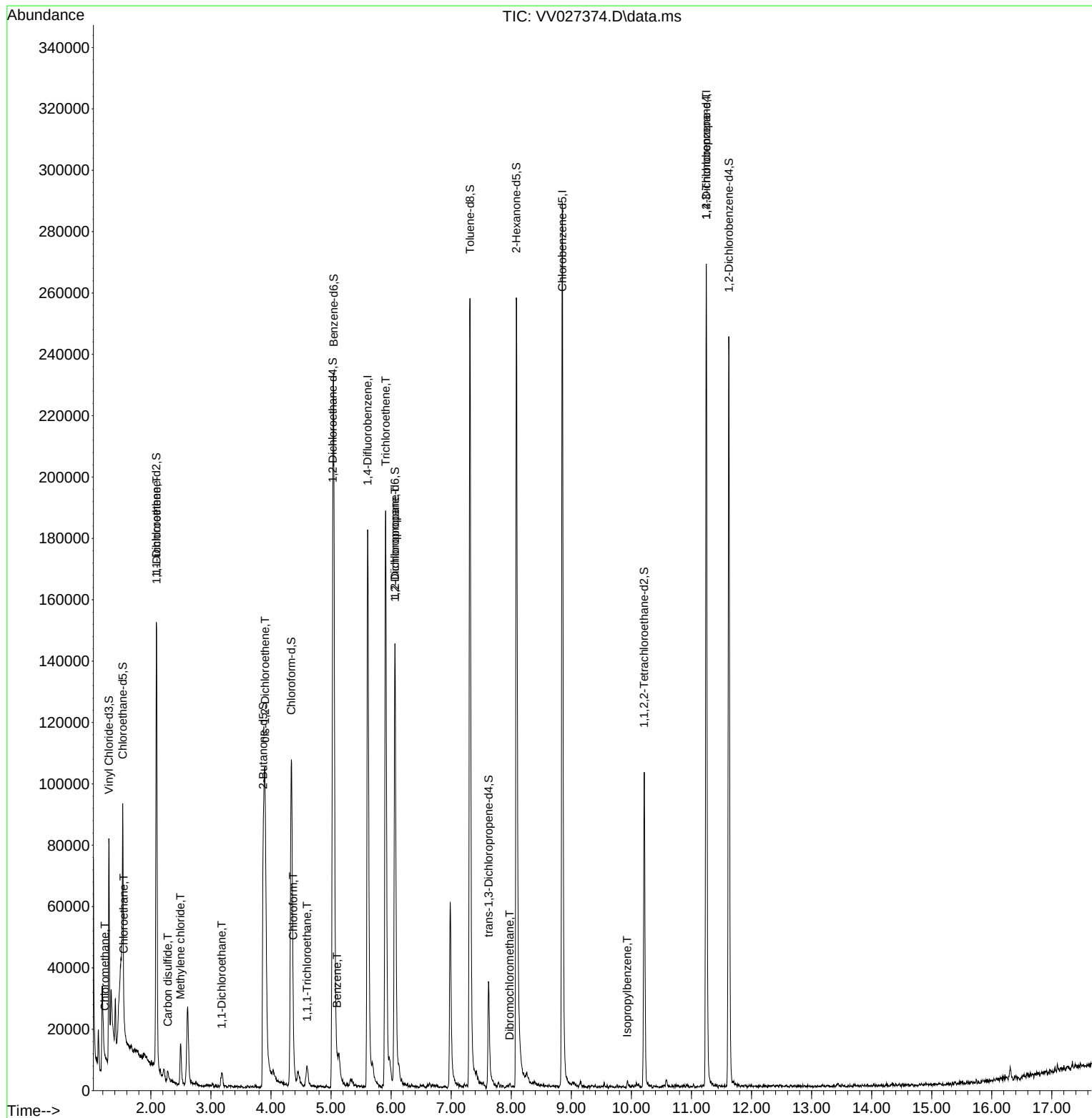
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	151733	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58029	4.402	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.532	69	36024	3.763	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.092	63	77181	3.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	3.870	46	121466	54.407	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.820%
24) Chloroform-d	4.339	84	110463	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.027	65	54827	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.043	84	207737	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.063	67	71773	5.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.313	98	175570	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.622	79	20811	4.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.085	63	86553	44.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46936	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	60754	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	945	0.052	ug/L	100
8) Chloroethane	1.548	64	1673	0.179	ug/L #	54
12) 1,1-Dichloroethene	2.095	96	996	0.091	ug/L #	1
14) Carbon disulfide	2.281	76	2735	0.063	ug/L	96
16) Methylene chloride	2.494	84	5226	0.298	ug/L	93
19) 1,1-Dichloroethane	3.178	63	4506	0.175	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	34797	2.633	ug/L	97
25) Chloroform	4.368	83	3257	0.123	ug/L	94
29) 1,1,1-Trichloroethane	4.600	97	5215	0.235	ug/L #	88
33) Benzene	5.098	78	4661	0.087	ug/L	100
34) Trichloroethene	5.908	95	64480	4.816	ug/L	99
37) 1,2-Dichloropropane	6.066	63	8202	0.617	ug/L #	86
49) Dibromochloromethane	7.976	129	282	0.025	ug/L #	10
60) Isopropylbenzene	9.931	105	1486	0.035	ug/L #	82
61) 1,2,3-Trichloropropane	11.246	75	8939	1.357	ug/L #	67

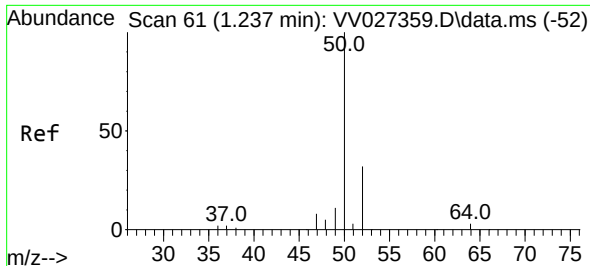
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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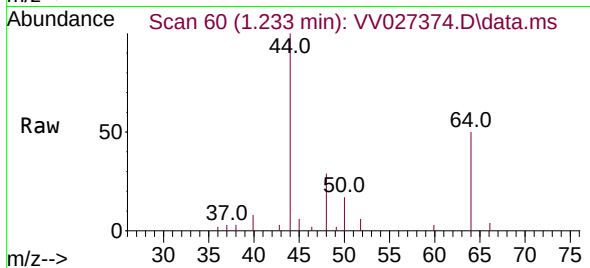
Quant Time: Aug 13 21:53:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
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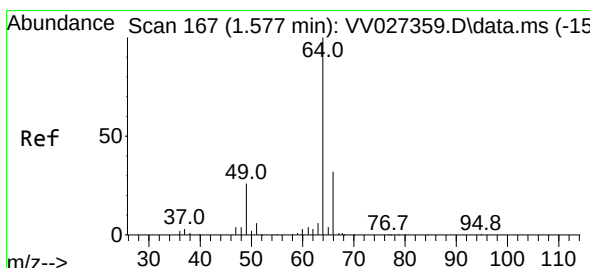
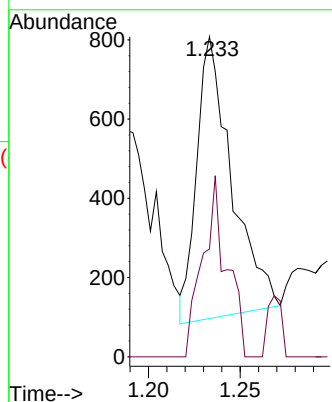
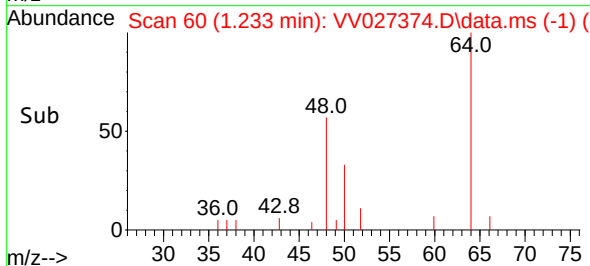


#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV027374.D
Acq: 13 Aug 2022 17:35

Instrument :
MSVOA_V
ClientSampleId :

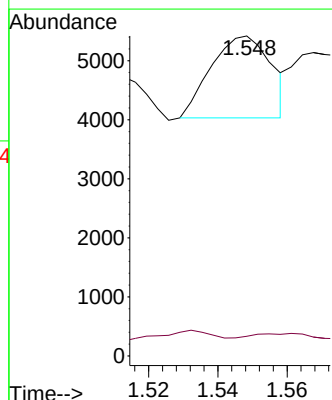
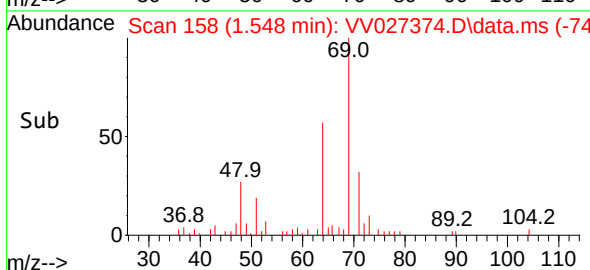
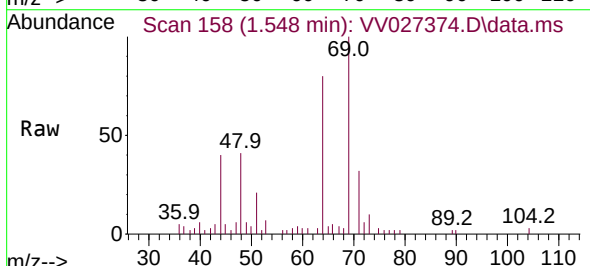


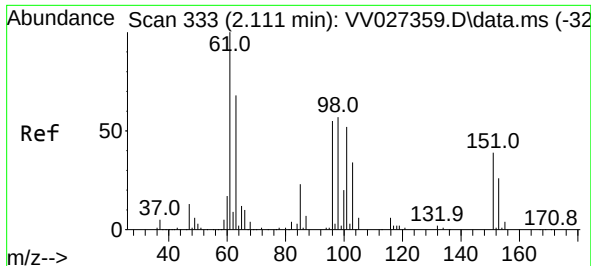
Tgt Ion: 50 Resp: 945
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.4



#8
Chloroethane
Concen: 0.179 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.029 min
Lab File: VV027374.D
Acq: 13 Aug 2022 17:35

Tgt Ion: 64 Resp: 1673
Ion Ratio Lower Upper
64 100
66 6.1 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.095 min Scan# 31

Delta R.T. -0.016 min

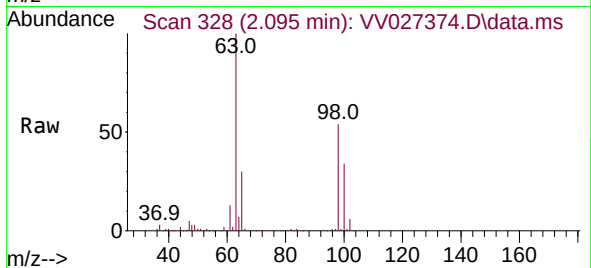
Lab File: VV027374.D

Acq: 13 Aug 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :



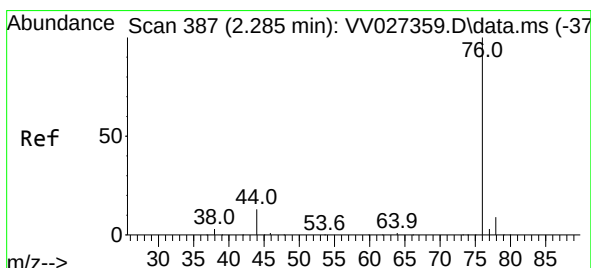
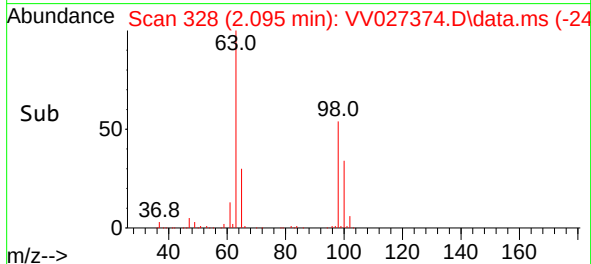
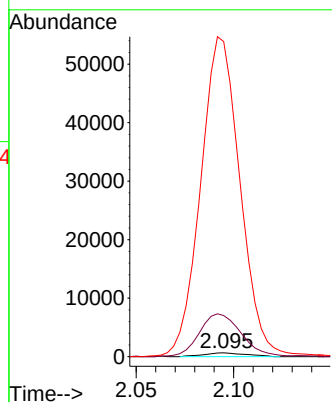
Tgt Ion: 96 Resp: 996

Ion Ratio Lower Upper

96 100

61 1075.2 130.7 242.7#

63 8234.9 101.4 188.2#



#14

Carbon disulfide

Concen: 0.063 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.003 min

Lab File: VV027374.D

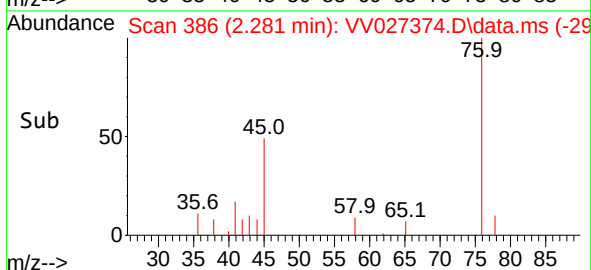
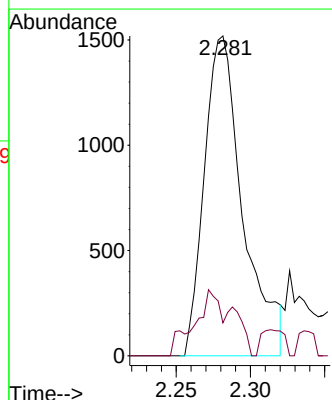
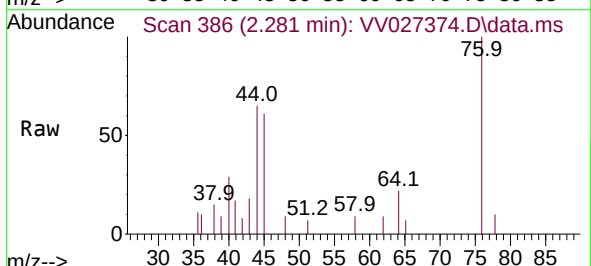
Acq: 13 Aug 2022 17:35

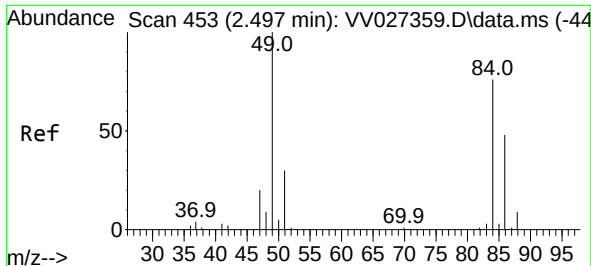
Tgt Ion: 76 Resp: 2735

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8

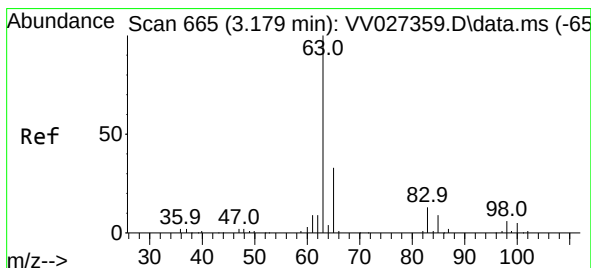
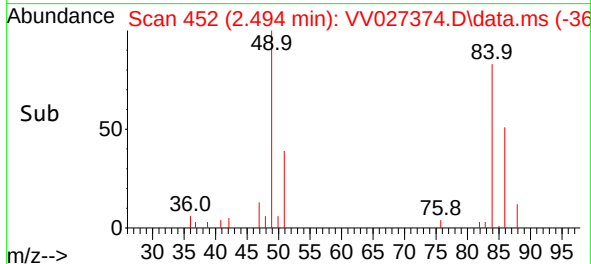
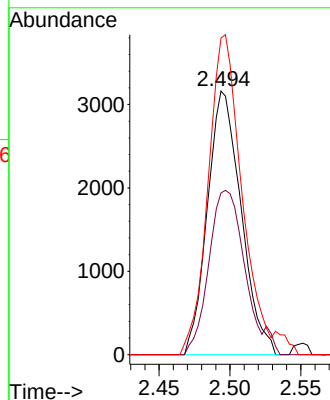
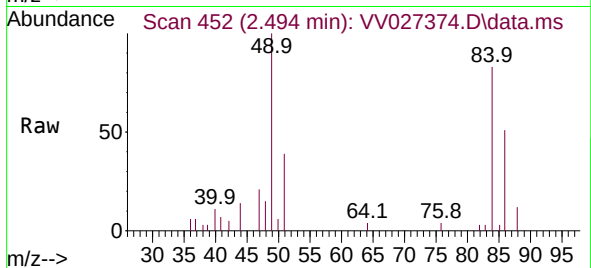




#16
Methylene chloride
Concen: 0.298 ug/L
RT: 2.494 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027374.D
Acq: 13 Aug 2022 17:35

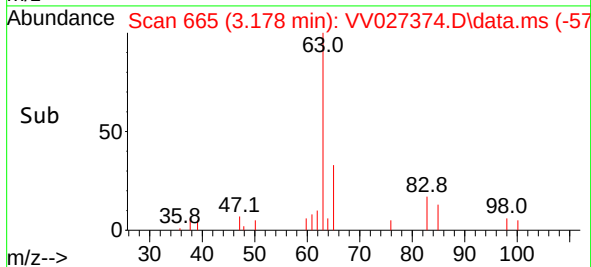
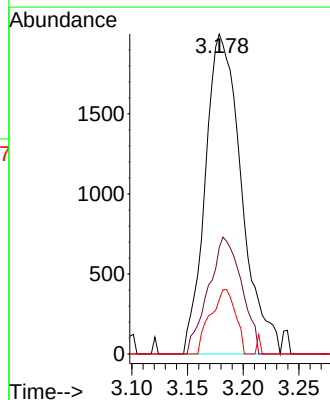
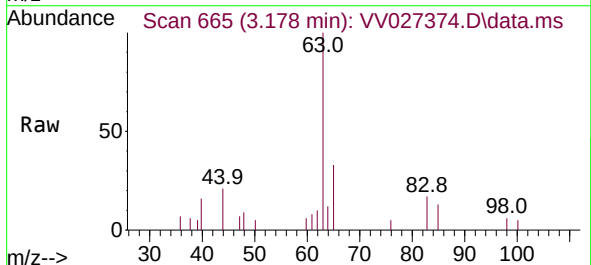
Instrument :
MSVOA_V
ClientSampleId :

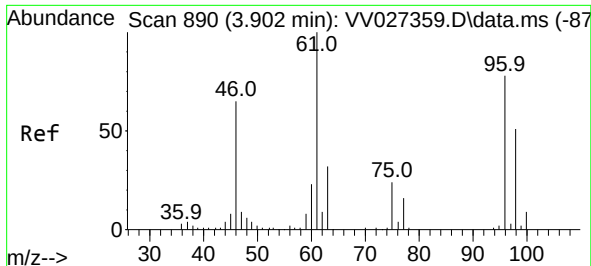
Tgt Ion: 84 Resp: 5226
Ion Ratio Lower Upper
84 100
86 61.4 45.1 83.9
49 120.2 91.2 169.4



#19
1,1-Dichloroethane
Concen: 0.175 ug/L
RT: 3.178 min Scan# 665
Delta R.T. -0.000 min
Lab File: VV027374.D
Acq: 13 Aug 2022 17:35

Tgt Ion: 63 Resp: 4506
Ion Ratio Lower Upper
63 100
65 33.3 21.6 40.2
83 17.0 9.3 17.3

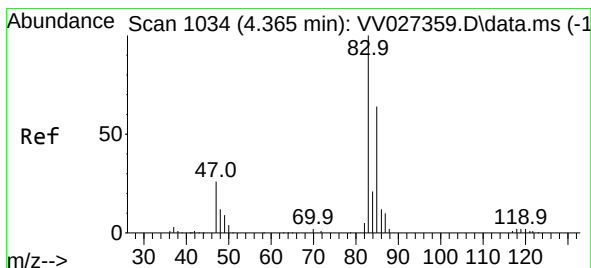
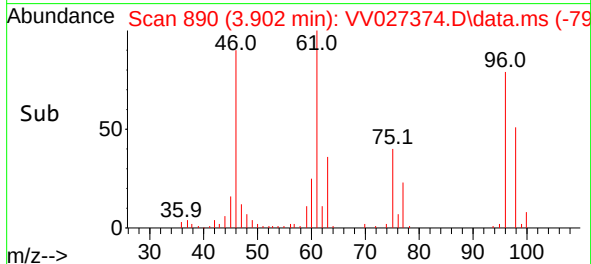
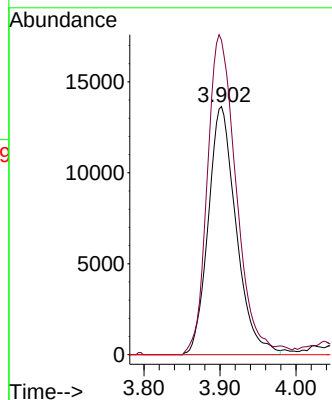
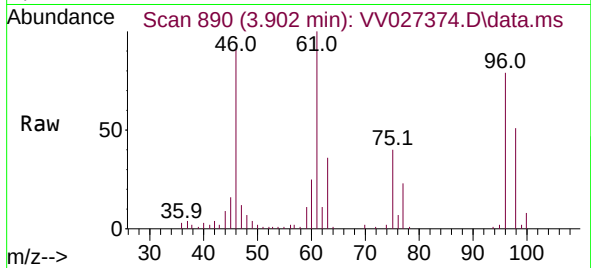




#22
 cis-1,2-Dichloroethene
 Concen: 2.633 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV027374.D
 Acq: 13 Aug 2022 17:35

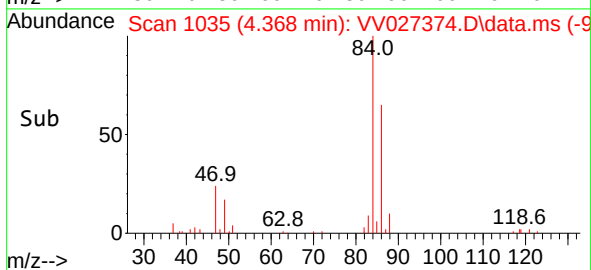
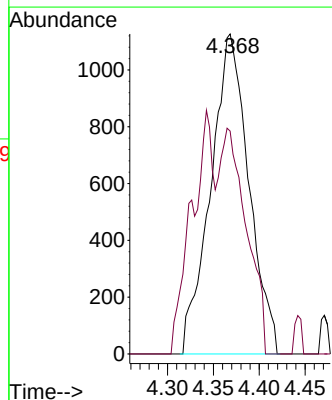
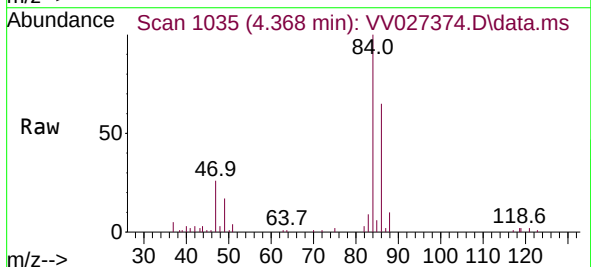
Instrument :
 MSVOA_V
 ClientSampleId :

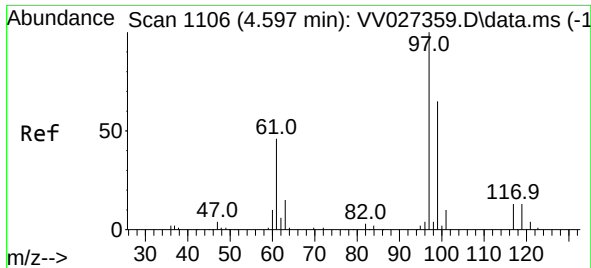
Tgt Ion: 96 Resp: 34797
 Ion Ratio Lower Upper
 96 100
 61 126.8 91.3 169.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.123 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VV027374.D
 Acq: 13 Aug 2022 17:35

Tgt Ion: 83 Resp: 3257
 Ion Ratio Lower Upper
 83 100
 85 69.7 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.235 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV027374.D

Acq: 13 Aug 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

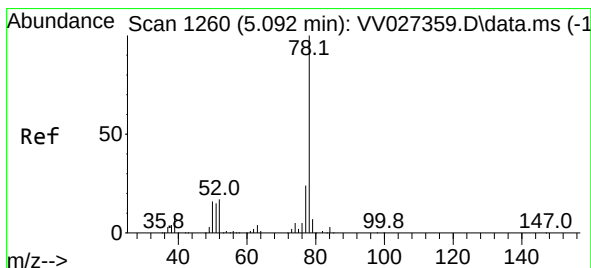
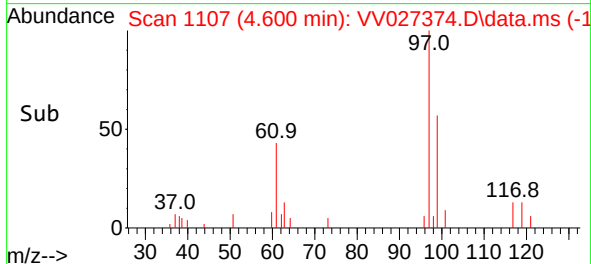
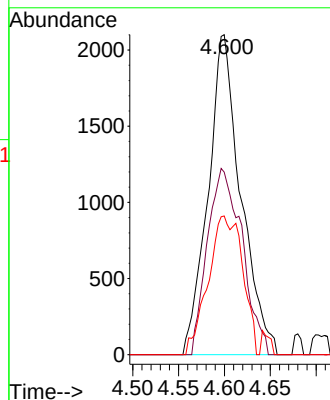
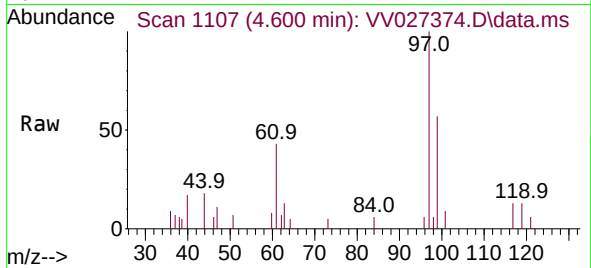
Tgt Ion: 97 Resp: 5215

Ion Ratio Lower Upper

97 100

99 61.8 50.8 76.2

61 29.2 36.5 54.7#



#33

Benzene

Concen: 0.087 ug/L

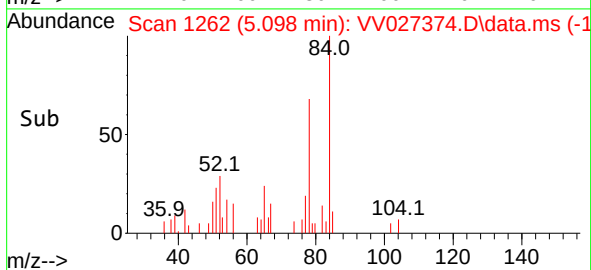
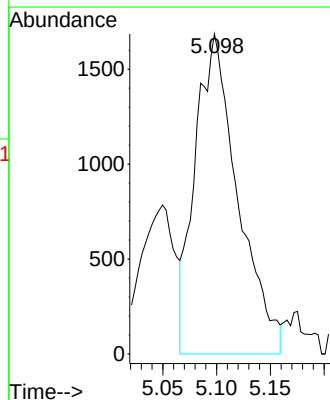
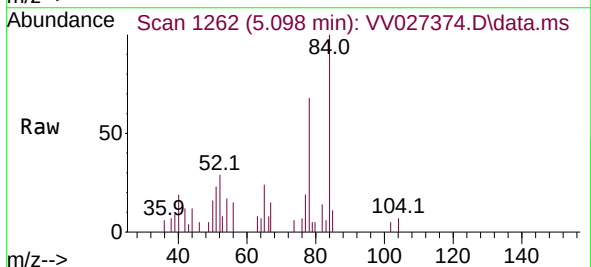
RT: 5.098 min Scan# 1262

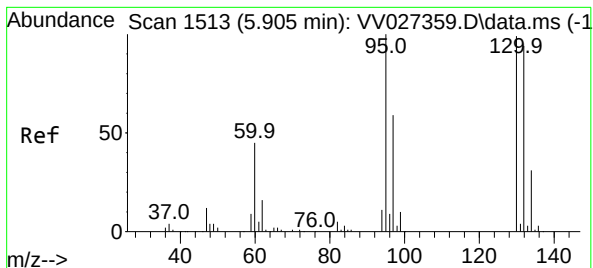
Delta R.T. 0.006 min

Lab File: VV027374.D

Acq: 13 Aug 2022 17:35

Tgt Ion: 78 Resp: 4661





#34

Trichloroethene

Concen: 4.816 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027374.D

Acq: 13 Aug 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 64480

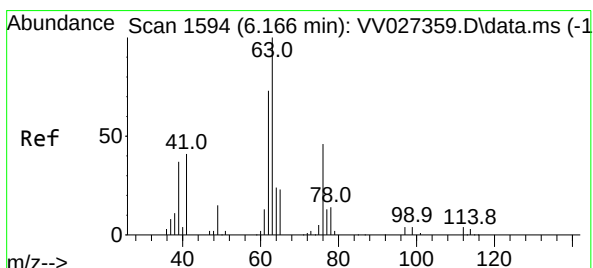
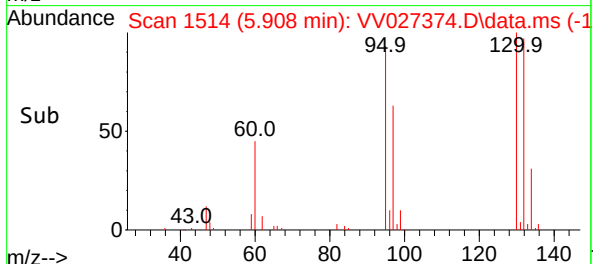
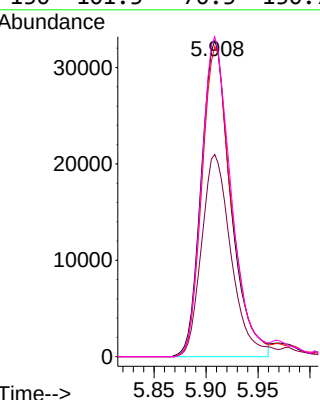
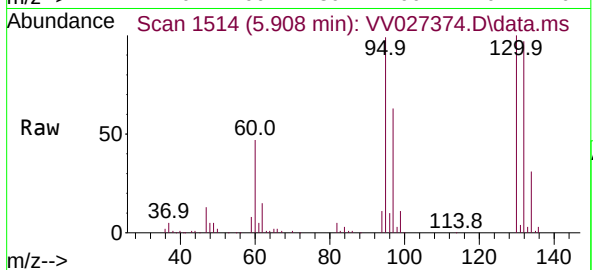
Ion Ratio Lower Upper

95 100

97 64.0 45.5 84.5

132 98.1 68.2 126.6

130 101.3 70.3 130.7



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV027374.D

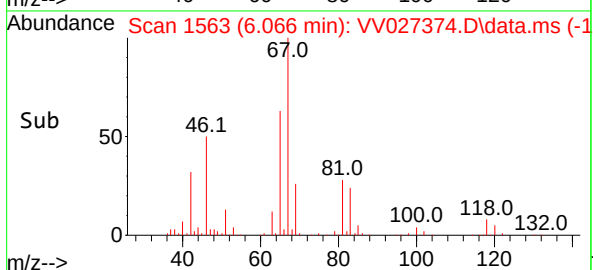
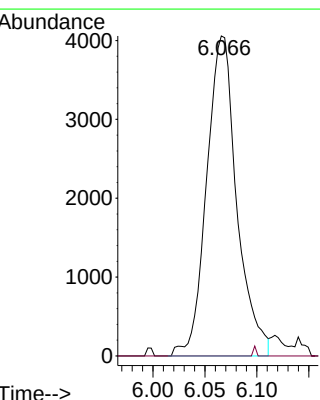
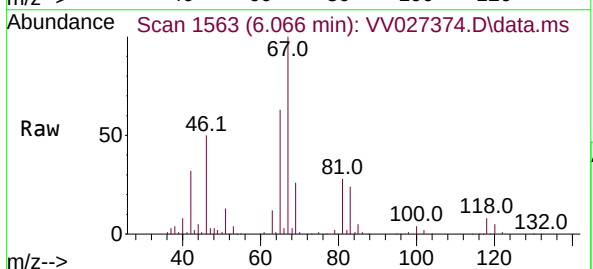
Acq: 13 Aug 2022 17:35

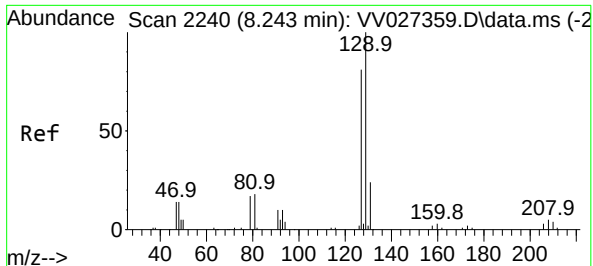
Tgt Ion: 63 Resp: 8202

Ion Ratio Lower Upper

63 100

112 0.3 4.0 6.0#





#49

Dibromochloromethane

Concen: 0.025 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027374.D

Acq: 13 Aug 2022 17:35

Instrument :

MSVOA_V

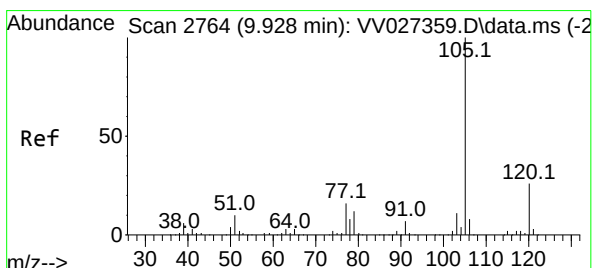
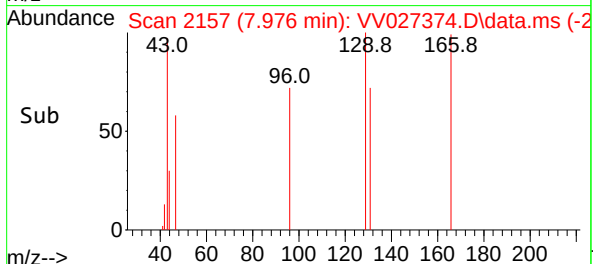
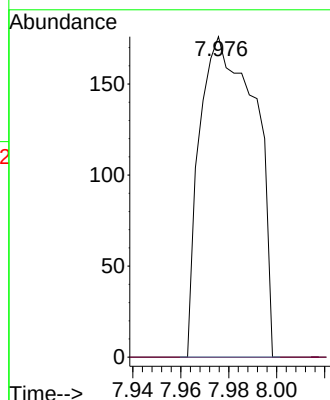
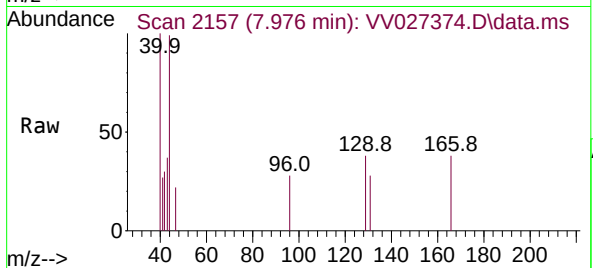
ClientSampleId :

Tgt Ion:129 Resp: 282

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#60

Isopropylbenzene

Concen: 0.035 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.003 min

Lab File: VV027374.D

Acq: 13 Aug 2022 17:35

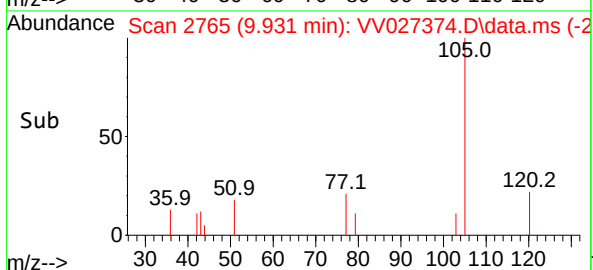
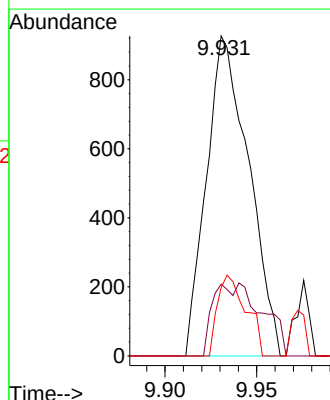
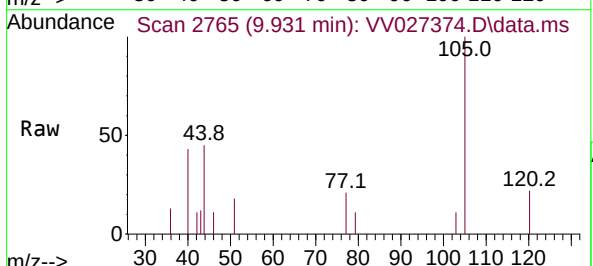
Tgt Ion:105 Resp: 1486

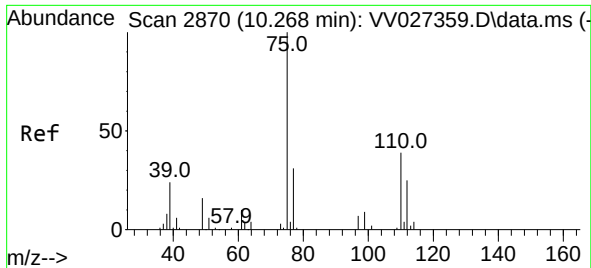
Ion Ratio Lower Upper

105 100

120 11.4 21.0 31.4#

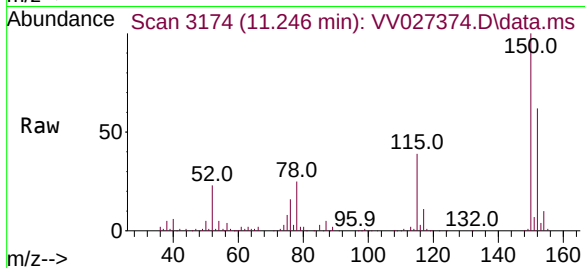
77 17.0 13.2 19.8





#61
 1,2,3-Trichloropropane
 Concen: 1.357 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027374.D
 Acq: 13 Aug 2022 17:35

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8939
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.6 39.8
 110 1.9 31.0 46.6#

