

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028082.D
 Acq On : 23 Sep 2022 00:44
 Operator : SY/MD
 Sample : N4621-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:53:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

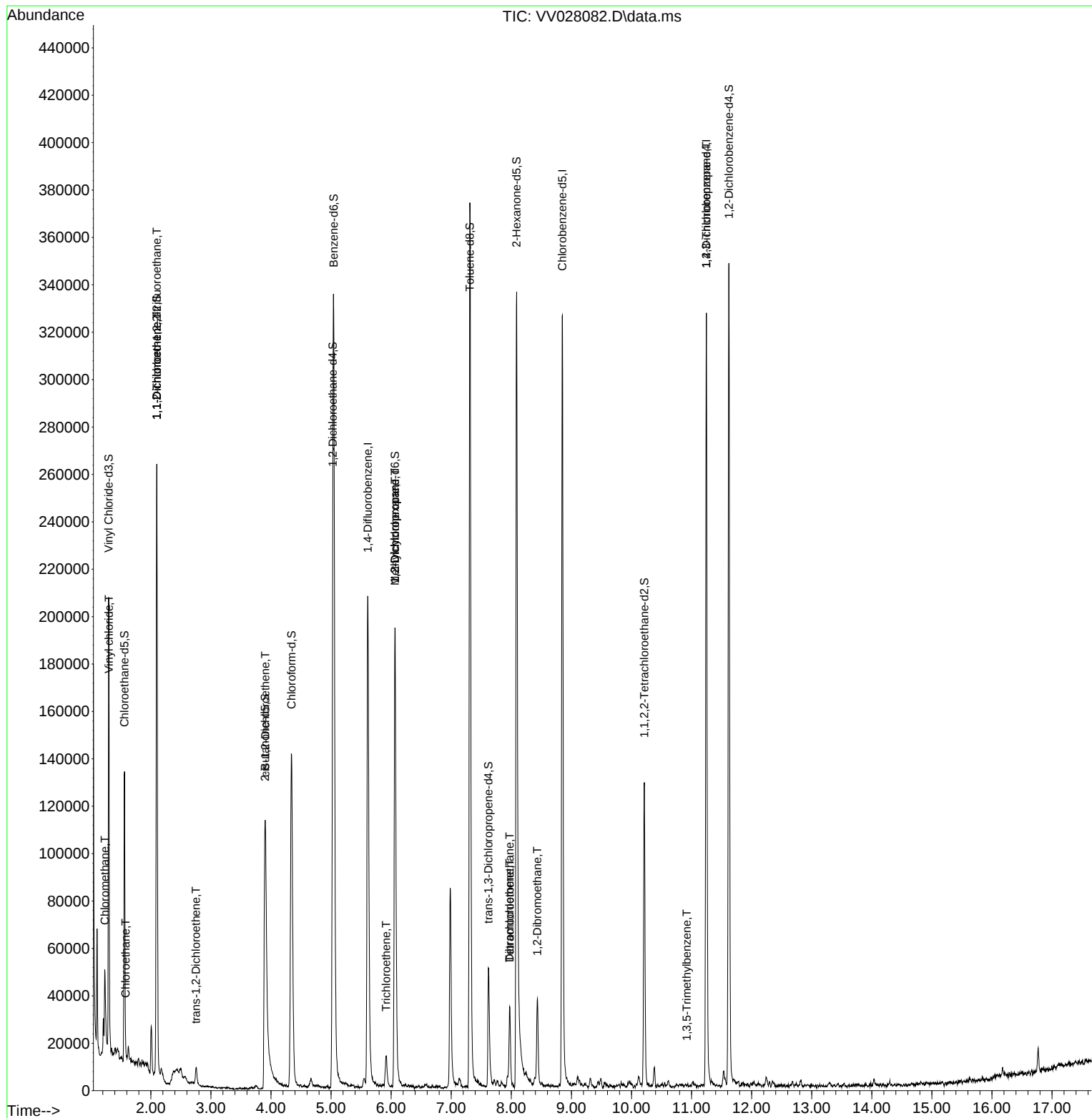
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	188040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	183348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	98889	5.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.561	69	80697	5.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.098	63	135358	4.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.899	46	135584	41.196	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.400%
24) Chloroform-d	4.339	84	152336	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.027	65	74781	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.043	84	311382	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.063	67	95204	5.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.310	98	257020	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.619	79	31589	4.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	124703	44.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63414	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	90863	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	25141	1.352	ug/L	97
5) Vinyl chloride	1.304	62	7832	0.537	ug/L #	77
8) Chloroethane	1.581	64	942	0.096	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1301	0.098	ug/L #	25
12) 1,1-Dichloroethene	2.098	96	1672	0.129	ug/L #	1
18) trans-1,2-Dichloroethene	2.751	96	2334	0.205	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	35338	2.367	ug/L	94
34) Trichloroethene	5.915	95	4153	0.328	ug/L	93
35) Methylcyclohexane	6.066	83	22644	1.303	ug/L #	18
37) 1,2-Dichloropropane	6.063	63	10270	0.720	ug/L #	87
47) Tetrachloroethene	7.973	164	7363	0.728	ug/L	98
49) Dibromochloromethane	7.973	129	7392	0.643	ug/L #	11
50) 1,2-Dibromoethane	8.432	107	315	0.038	ug/L #	82
61) 1,2,3-Trichloropropane	11.246	75	9641	1.334	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.918	105	446	0.031	ug/L	91

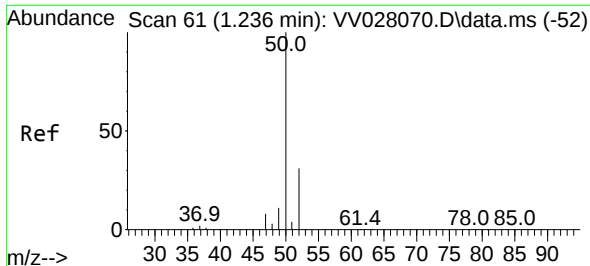
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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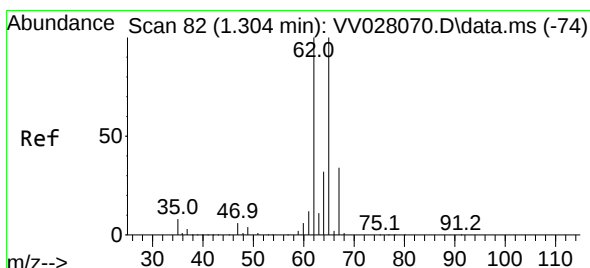
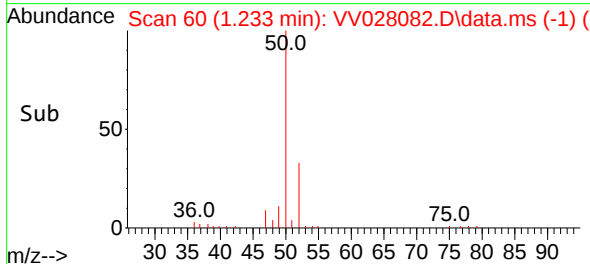
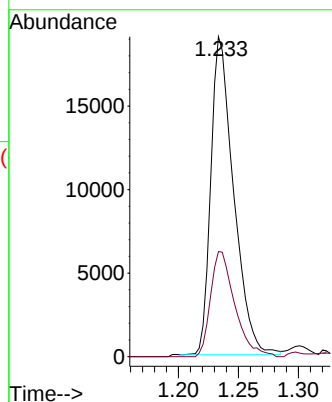
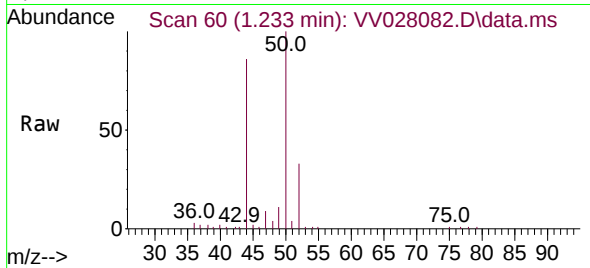




#3
Chloromethane
Concen: 1.352 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028082.D
Acq: 23 Sep 2022 00:44

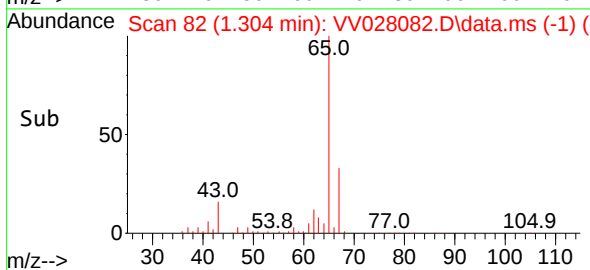
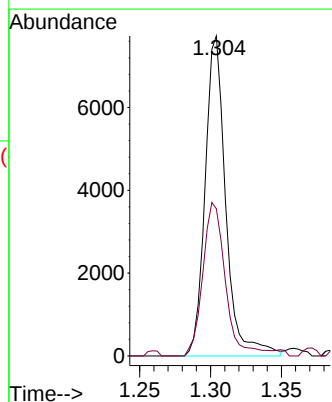
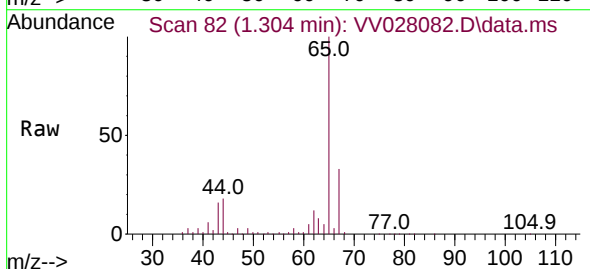
Instrument :
MSVOA_V
ClientSampleId :

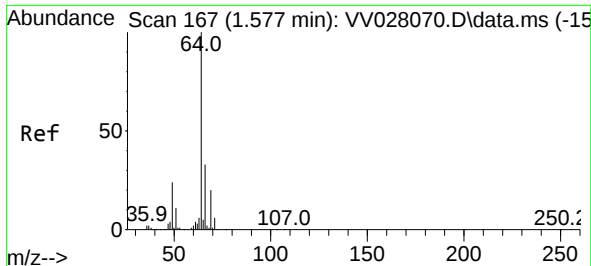
Tgt Ion: 50 Resp: 25141
Ion Ratio Lower Upper
50 100
52 32.9 24.4 45.2



#5
Vinyl chloride
Concen: 0.537 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028082.D
Acq: 23 Sep 2022 00:44

Tgt Ion: 62 Resp: 7832
Ion Ratio Lower Upper
62 100
64 46.0 23.0 42.8#

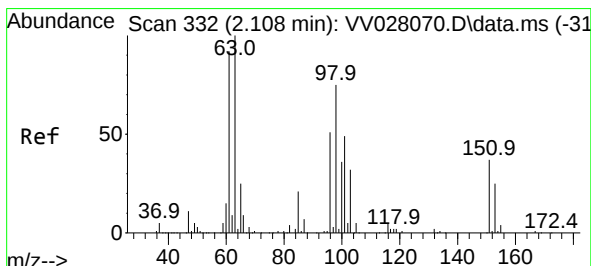
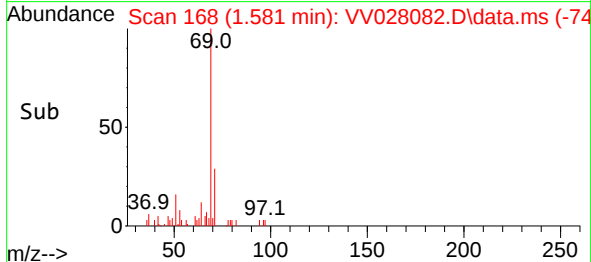
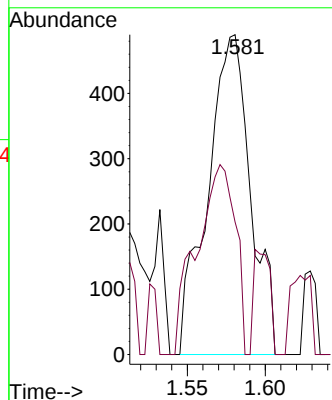
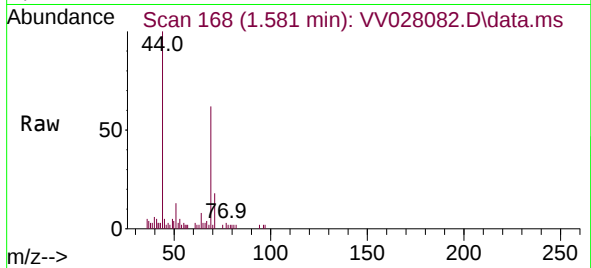




#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028082.D
Acq: 23 Sep 2022 00:44

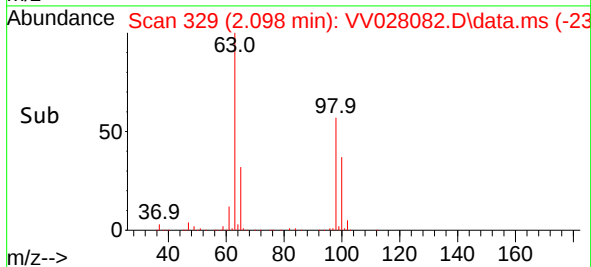
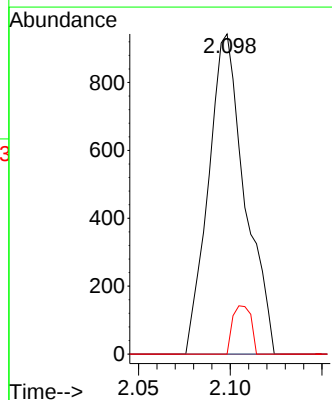
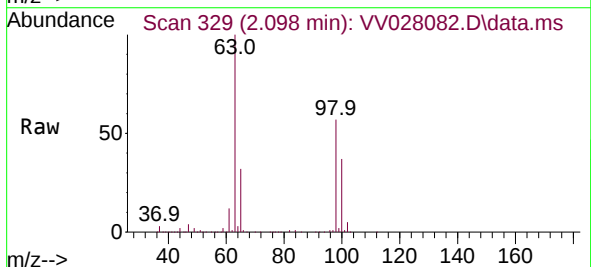
Instrument :
MSVOA_V
ClientSampleId :

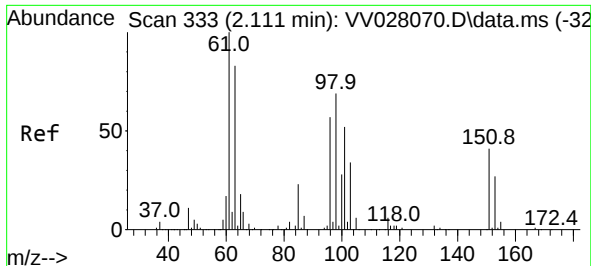
Tgt Ion: 64 Resp: 942
Ion Ratio Lower Upper
64 100
66 41.4 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.098 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.009 min
Lab File: VV028082.D
Acq: 23 Sep 2022 00:44

Tgt Ion:101 Resp: 1301
Ion Ratio Lower Upper
101 100
85 1.5 34.4 51.6#
151 7.6 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.129 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.013 min

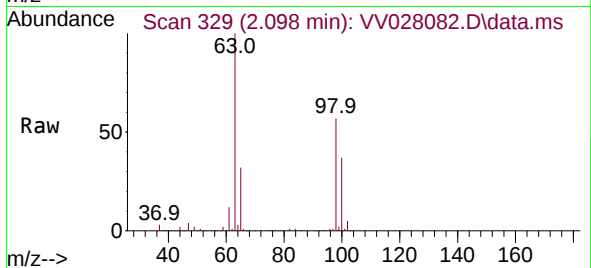
Lab File: VV028082.D

Acq: 23 Sep 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :



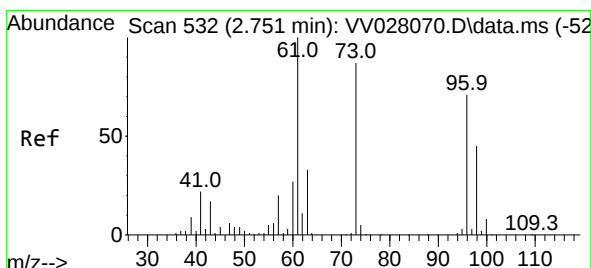
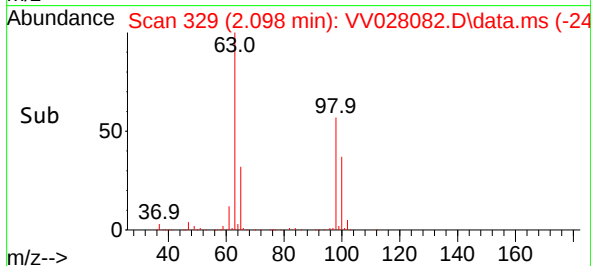
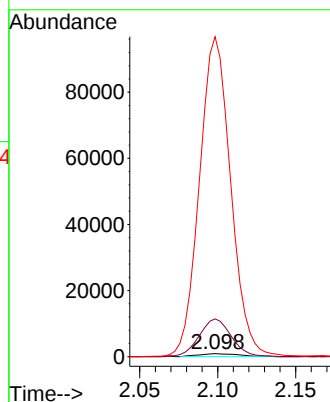
Tgt Ion: 96 Resp: 1672

Ion Ratio Lower Upper

96 100

61 1267.6 128.3 238.3#

63 10742.7 112.7 209.3#



#18

trans-1,2-Dichloroethene

Concen: 0.205 ug/L

RT: 2.751 min Scan# 532

Delta R.T. 0.000 min

Lab File: VV028082.D

Acq: 23 Sep 2022 00:44

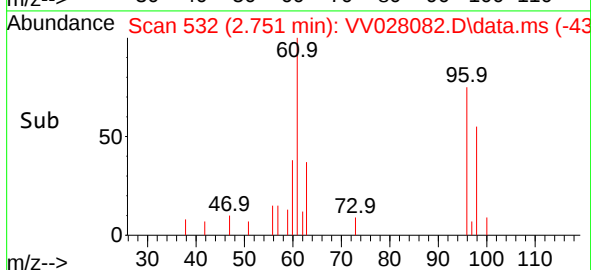
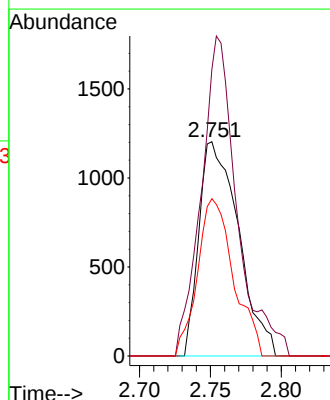
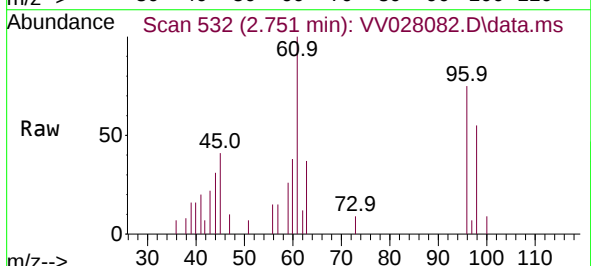
Tgt Ion: 96 Resp: 2334

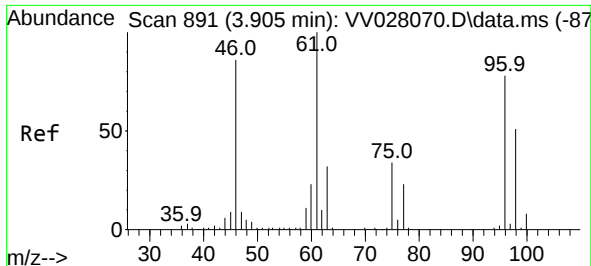
Ion Ratio Lower Upper

96 100

61 133.8 96.2 178.6

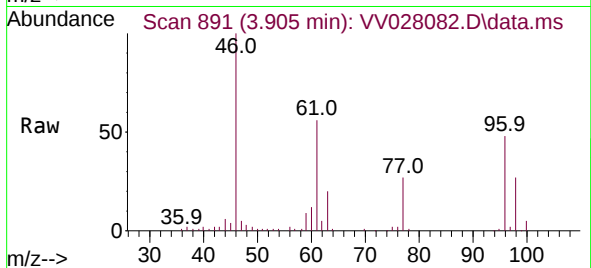
98 73.4 45.7 84.9



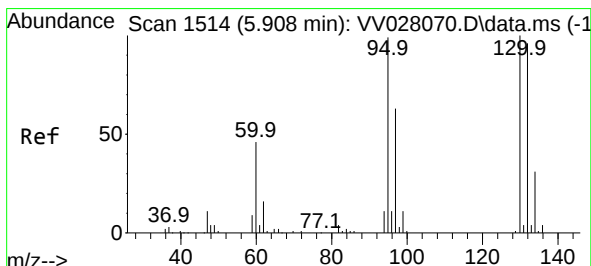
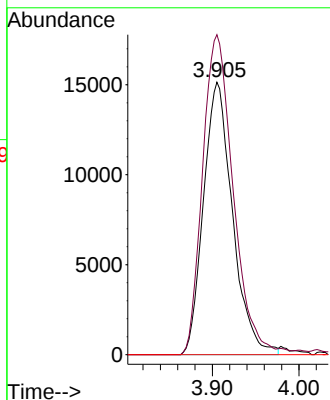
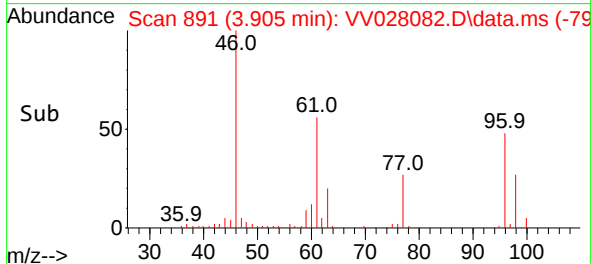


#22
 cis-1,2-Dichloroethene
 Concen: 2.367 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028082.D
 Acq: 23 Sep 2022 00:44

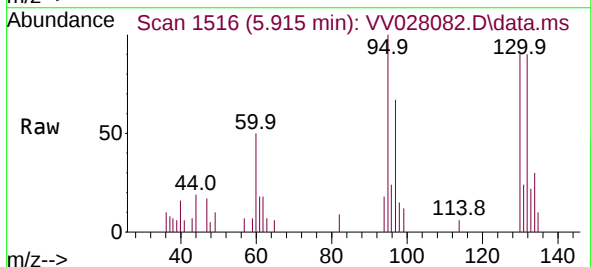
Instrument :
 MSVOA_V
 ClientSampleId :



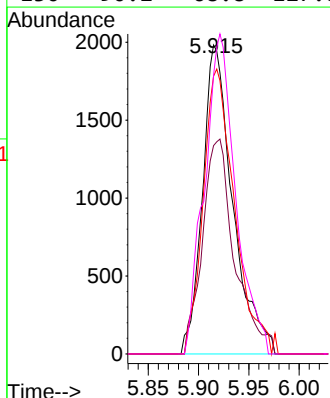
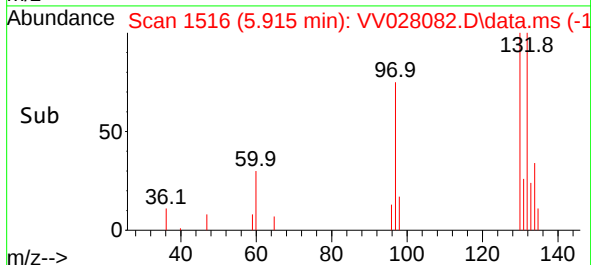
Tgt Ion: 96 Resp: 35338
 Ion Ratio Lower Upper
 96 100
 61 117.4 87.2 161.9
 68 0.0 0.0 0.0

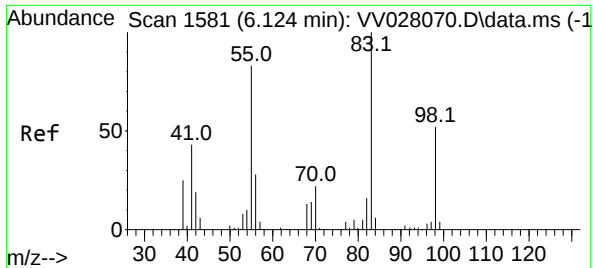


#34
 Trichloroethene
 Concen: 0.328 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.007 min
 Lab File: VV028082.D
 Acq: 23 Sep 2022 00:44



Tgt Ion: 95 Resp: 4153
 Ion Ratio Lower Upper
 95 100
 97 67.4 44.2 82.0
 132 89.9 67.8 126.0
 130 90.2 68.8 127.8





#35

Methylcyclohexane

Concen: 1.303 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028082.D

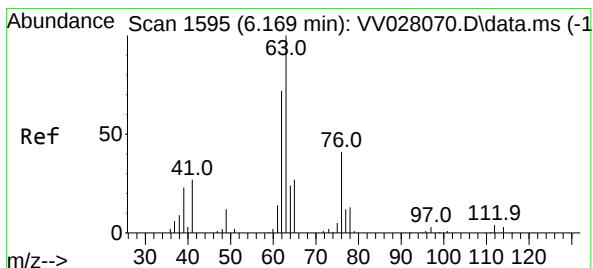
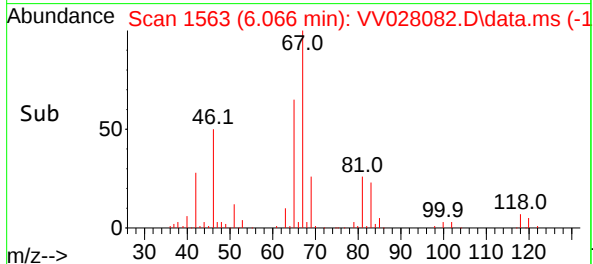
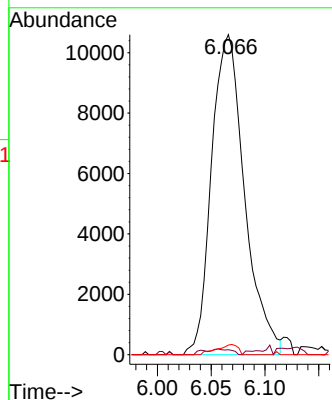
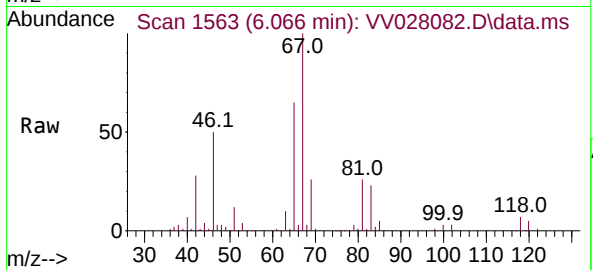
Acq: 23 Sep 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 22644
Ion Ratio	Lower Upper
83 100	
55 1.0	64.7 97.1#
98 2.0	39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.720 ug/L

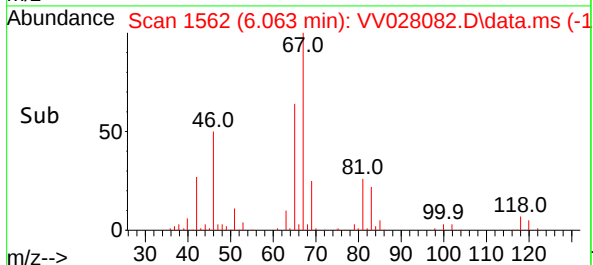
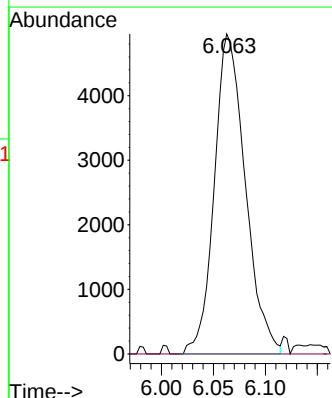
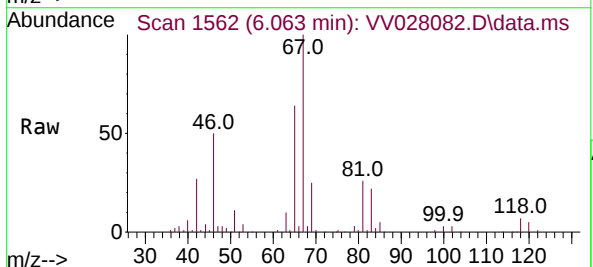
RT: 6.063 min Scan# 1562

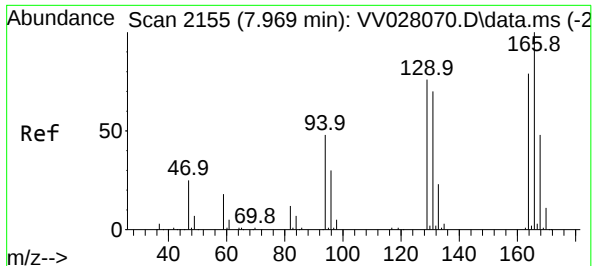
Delta R.T. -0.106 min

Lab File: VV028082.D

Acq: 23 Sep 2022 00:44

Tgt Ion: 63	Resp: 10270
Ion Ratio	Lower Upper
63 100	
112 0.2	3.5 5.3#





#47

Tetrachloroethene

Concen: 0.728 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

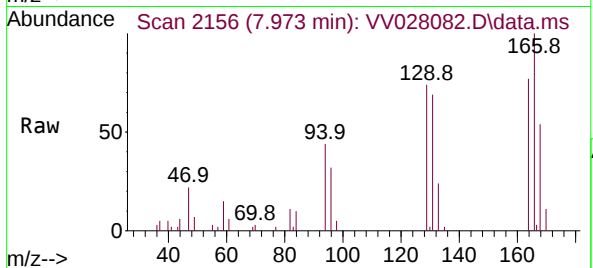
Lab File: VV028082.D

Acq: 23 Sep 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 7363

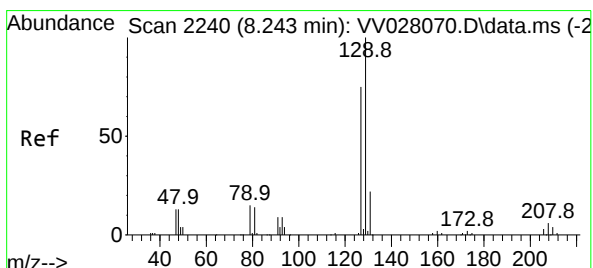
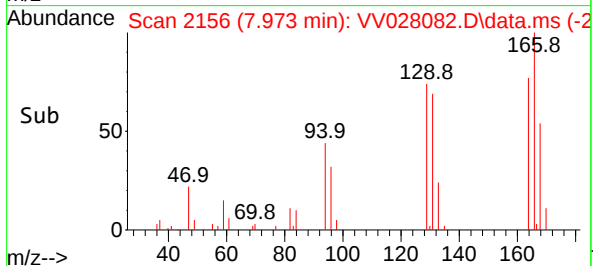
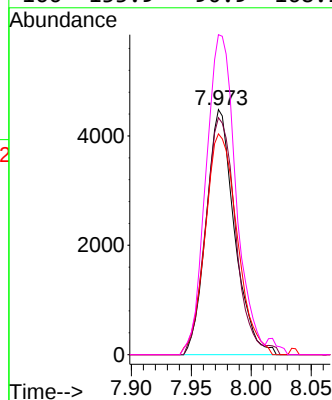
Ion Ratio Lower Upper

164 100

129 96.7 66.7 123.9

131 90.1 61.7 114.5

166 133.9 90.9 168.9



#49

Dibromochloromethane

Concen: 0.643 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV028082.D

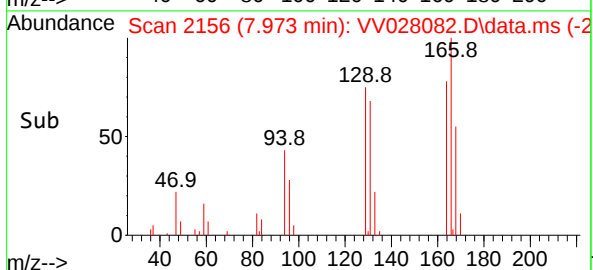
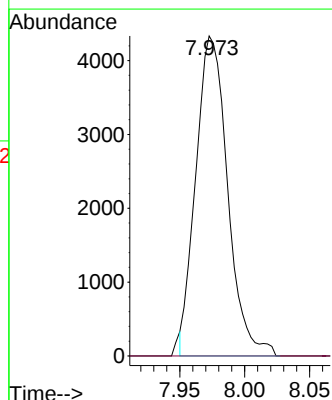
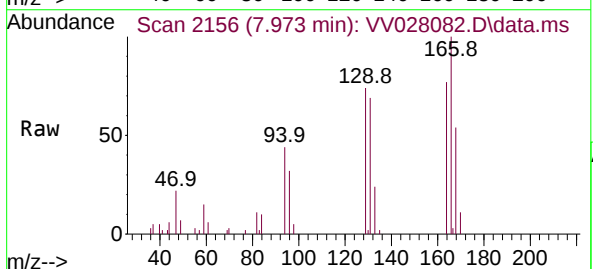
Acq: 23 Sep 2022 00:44

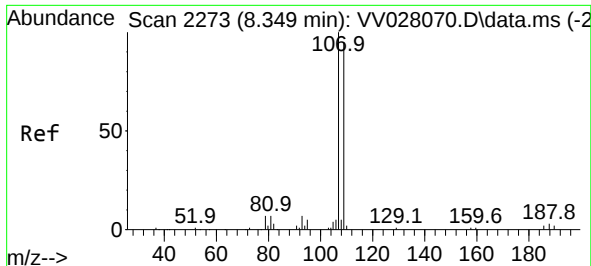
Tgt Ion:129 Resp: 7392

Ion Ratio Lower Upper

129 100

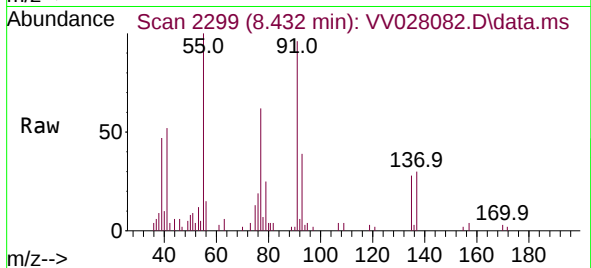
127 0.0 54.3 100.9#



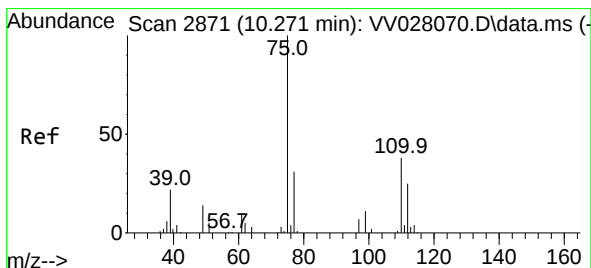
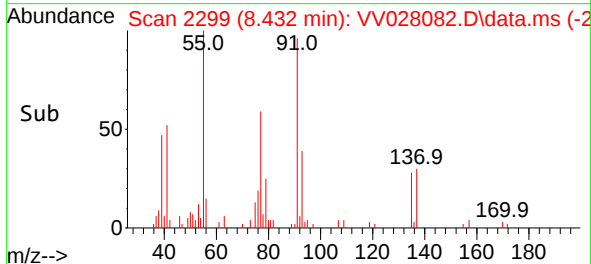
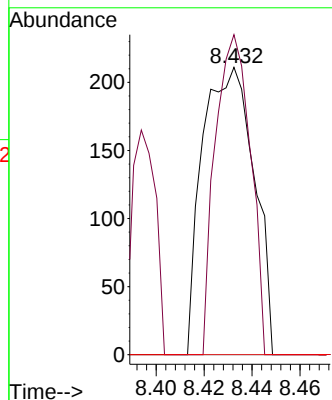


#50
 1,2-Dibromoethane
 Concen: 0.038 ug/L
 RT: 8.432 min Scan# 21
 Delta R.T. 0.084 min
 Lab File: VV028082.D
 Acq: 23 Sep 2022 00:44

Instrument :
 MSVOA_V
 ClientSampleId :

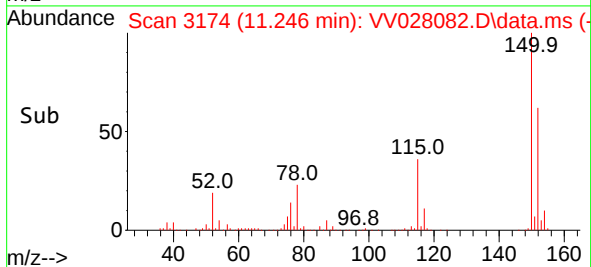
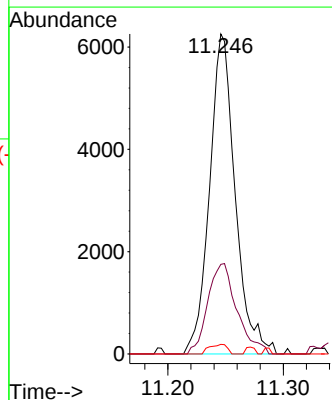
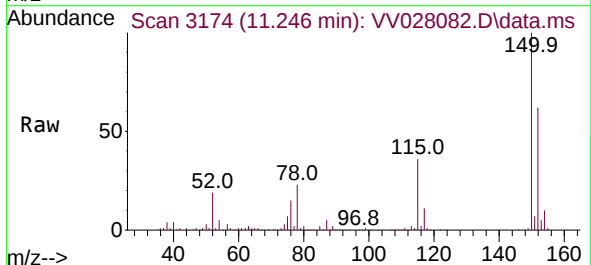


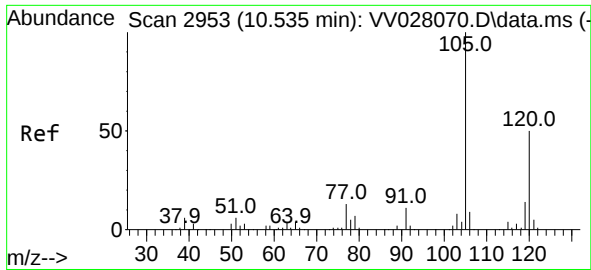
Tgt Ion:107 Resp: 315
 Ion Ratio Lower Upper
 107 100
 109 111.4 65.9 122.5
 188 0.0 3.4 5.0#



#61
 1,2,3-Trichloropropane
 Concen: 1.334 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV028082.D
 Acq: 23 Sep 2022 00:44

Tgt Ion: 75 Resp: 9641
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.7 40.1
 110 2.1 30.1 45.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.031 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.383 min

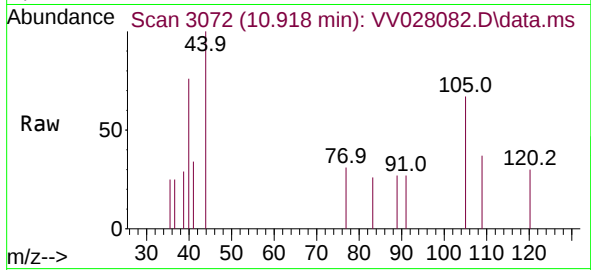
Lab File: VV028082.D

Acq: 23 Sep 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 446

Ion Ratio Lower Upper

105 100

120 56.7 40.6 61.0

