

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027471.D
 Acq On : 22 Aug 2022 16:35
 Operator : SY/MD
 Sample : N4252-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

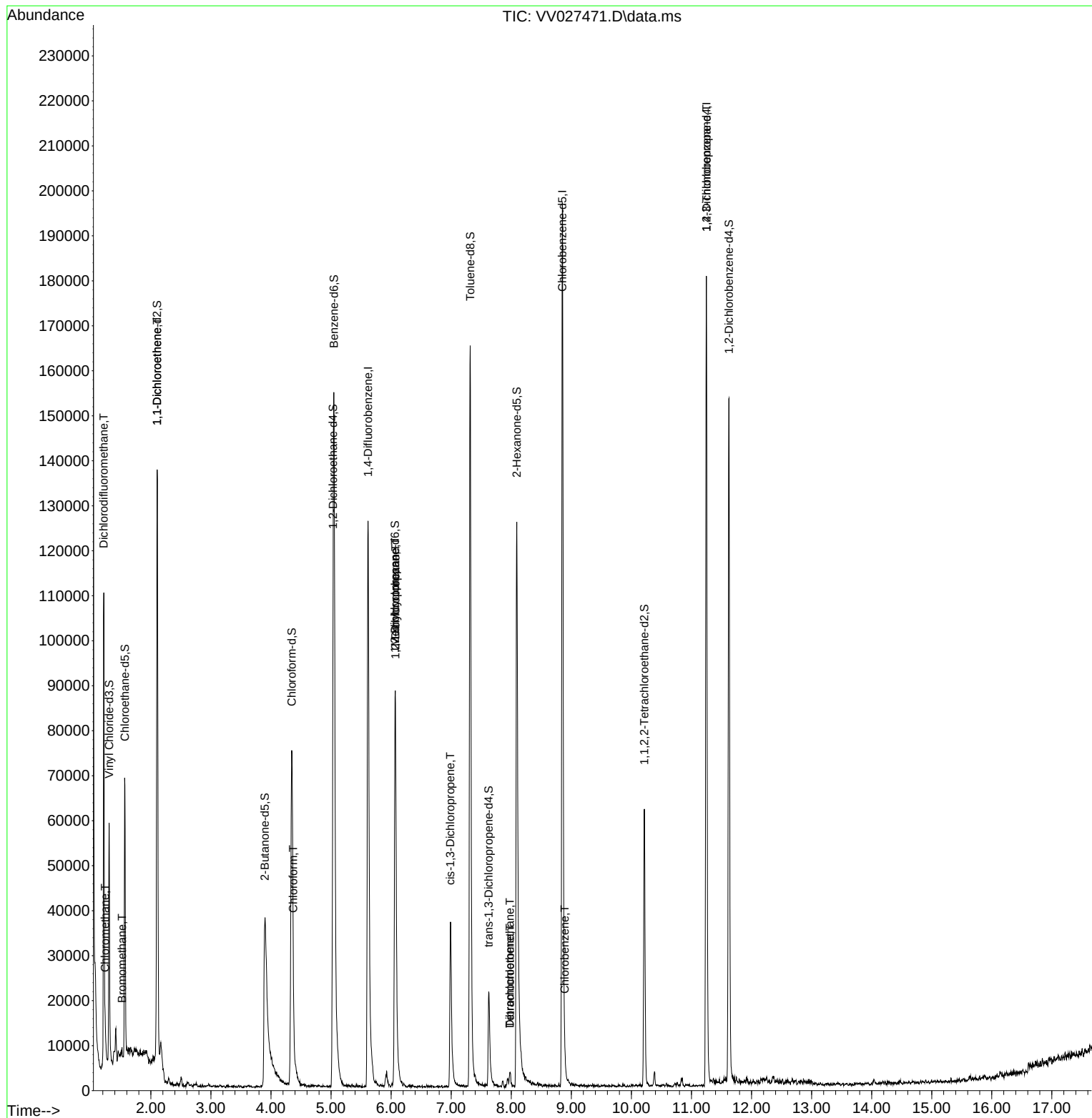
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	112832	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38759	4.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.568	69	37667	6.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.200%
11) 1,1-Dichloroethene-d2	2.105	63	69432	3.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.896	46	59499	59.537	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.080%
24) Chloroform-d	4.346	84	82417	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.034	65	35529	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	146677	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.066	67	44981	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.317	98	112850	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.625	79	13997	4.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.092	63	44167	43.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28456	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	37188	5.268	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.217	85	7814	0.653	ug/L	98
3) Chloromethane	1.240	50	3851	0.368	ug/L	100
6) Bromomethane	1.519	94	565	0.109	ug/L	90
12) 1,1-Dichloroethene	2.105	96	894	0.105	ug/L #	1
25) Chloroform	4.371	83	1382	0.070	ug/L #	19
35) Methylcyclohexane	6.069	83	11642	0.842	ug/L #	15
37) 1,2-Dichloropropane	6.072	63	5125	0.514	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1279	0.106	ug/L	85
47) Tetrachloroethene	7.979	164	770	0.101	ug/L	95
49) Dibromochloromethane	7.979	129	731	0.093	ug/L #	9
51) Chlorobenzene	8.889	112	1381	0.055	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	5645	1.351	ug/L #	66

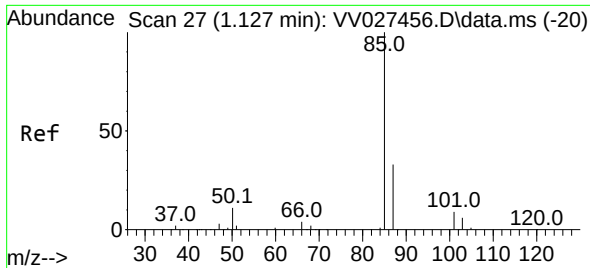
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
Data File : VV027471.D
Acq On : 22 Aug 2022 16:35
Operator : SY/MD
Sample : N4252-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 23 03:13:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 23 03:03:07 2022
Response via : Initial Calibration

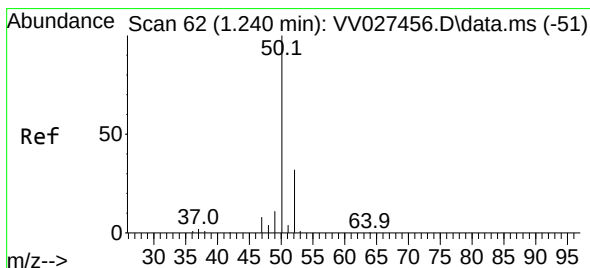
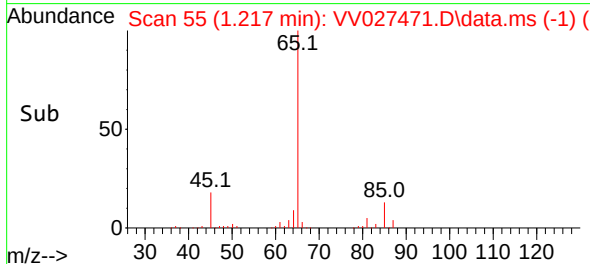
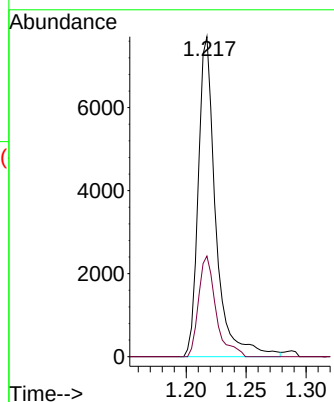
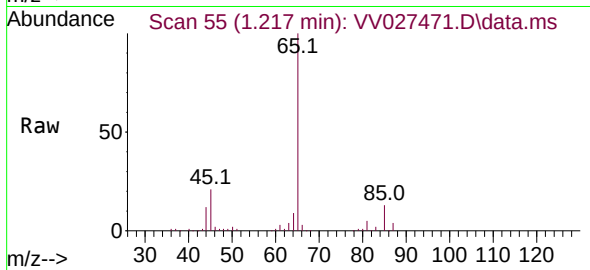




#2
 Dichlorodifluoromethane
 Concen: 0.653 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.090 min
 Lab File: VV027471.D
 Acq: 22 Aug 2022 16:35

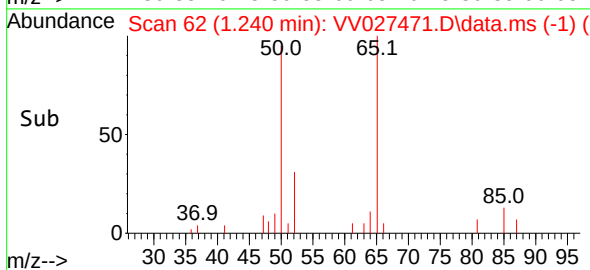
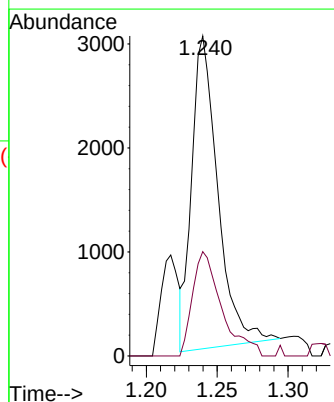
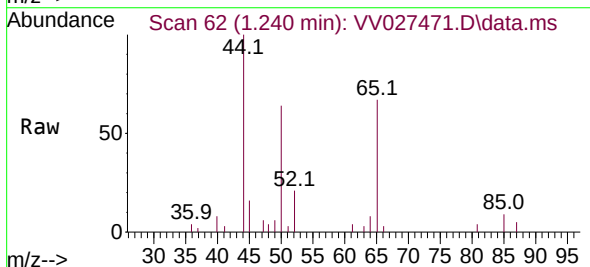
Instrument :
 MSVOA_V
 ClientSampleId :

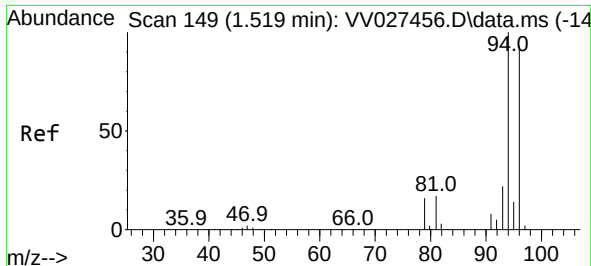
Tgt Ion: 85 Resp: 7814
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.0 39.0



#3
 Chloromethane
 Concen: 0.368 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027471.D
 Acq: 22 Aug 2022 16:35

Tgt Ion: 50 Resp: 3851
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

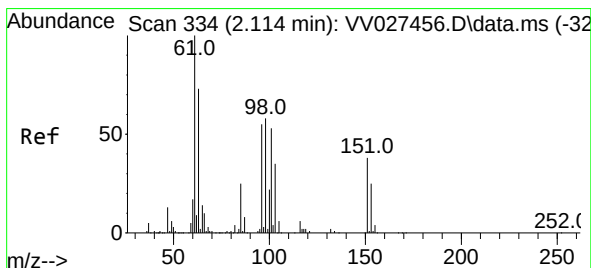
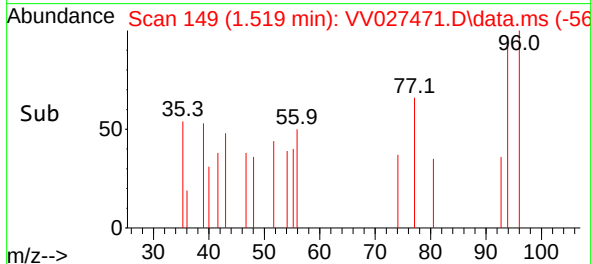
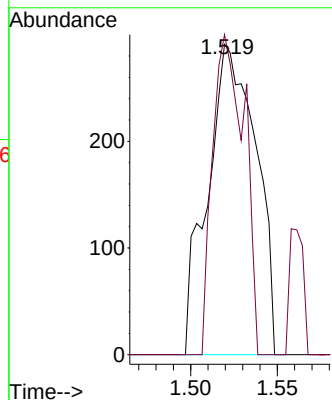
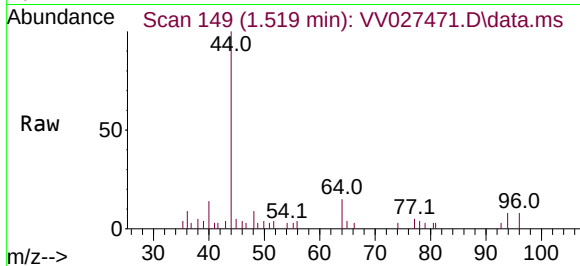




#6
Bromomethane
Concen: 0.109 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027471.D
Acq: 22 Aug 2022 16:35

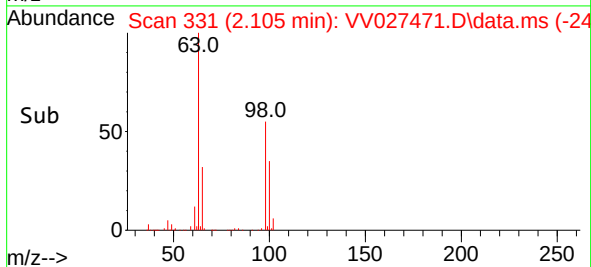
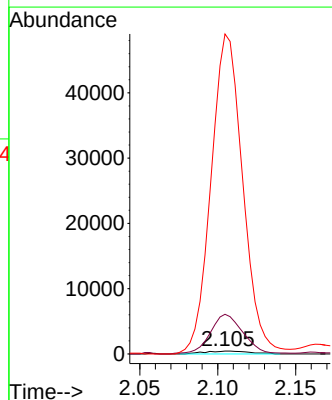
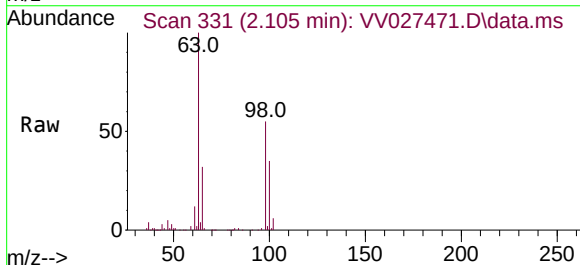
Instrument :
MSVOA_V
ClientSampleId :

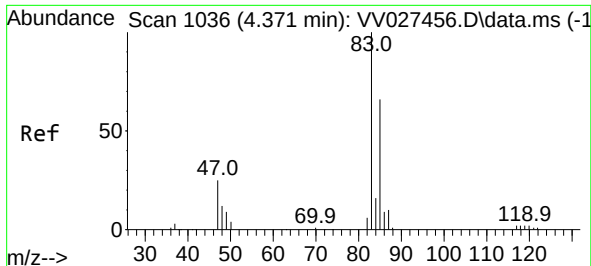
Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 103.1 65.2 121.0



#12
1,1-Dichloroethene
Concen: 0.105 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV027471.D
Acq: 22 Aug 2022 16:35

Tgt Ion: 96 Resp: 894
Ion Ratio Lower Upper
96 100
61 1402.8 130.2 241.8#
63 11294.0 87.4 162.4#





#25

Chloroform

Concen: 0.070 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027471.D

Acq: 22 Aug 2022 16:35

Instrument :

MSVOA_V

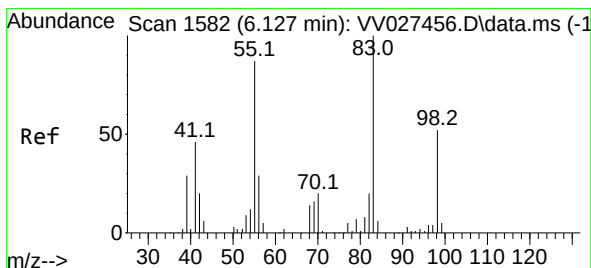
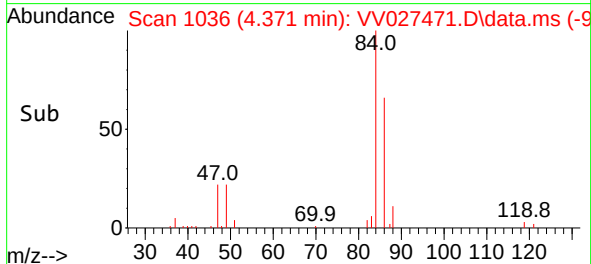
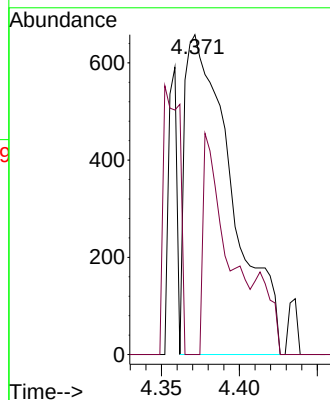
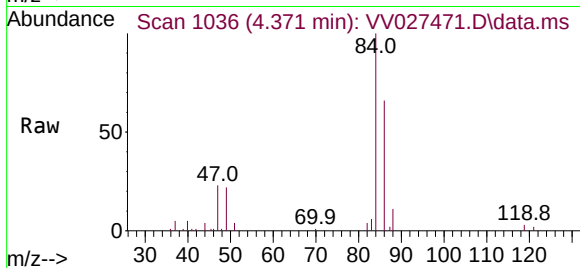
ClientSampleId :

Tgt Ion: 83 Resp: 1382

Ion Ratio Lower Upper

83 100

85 0.0 43.3 80.5#



#35

Methylcyclohexane

Concen: 0.842 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027471.D

Acq: 22 Aug 2022 16:35

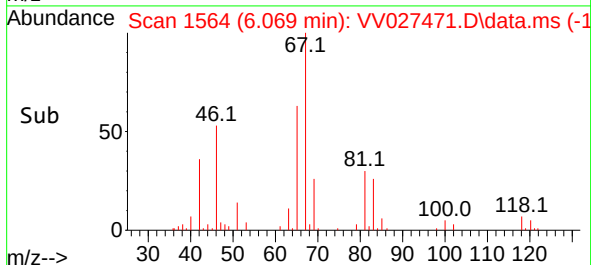
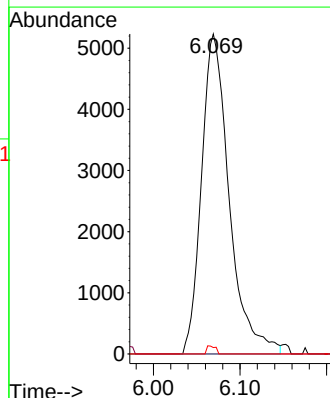
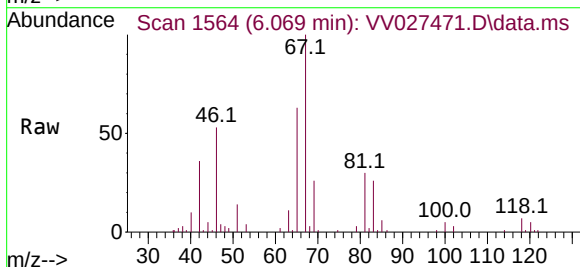
Tgt Ion: 83 Resp: 11642

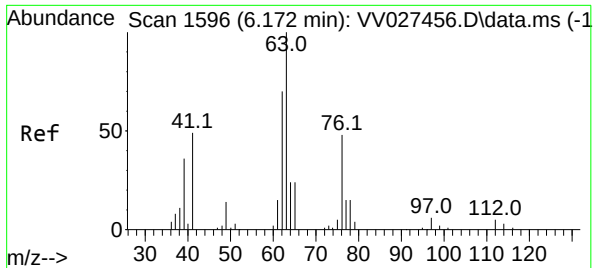
Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.8 39.0 58.4#

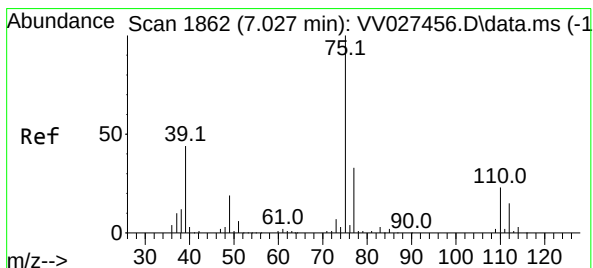
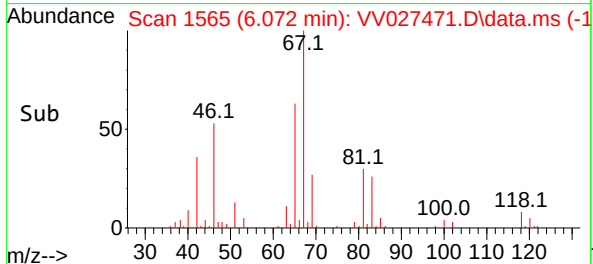
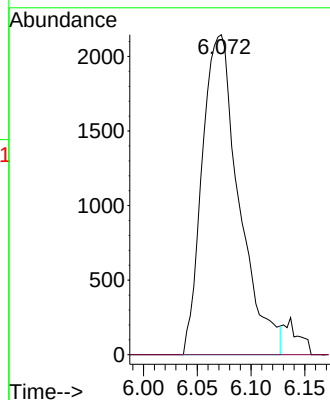
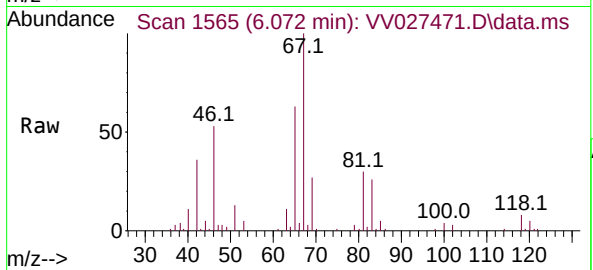




#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV027471.D
Acq: 22 Aug 2022 16:35

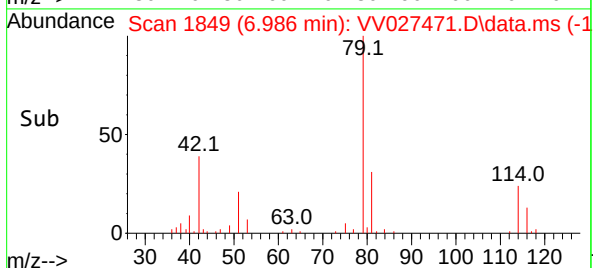
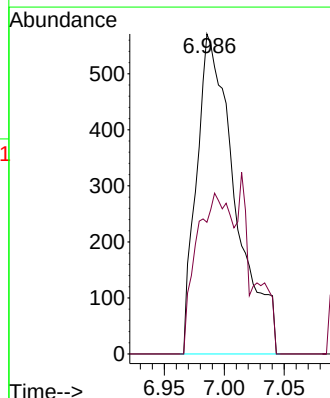
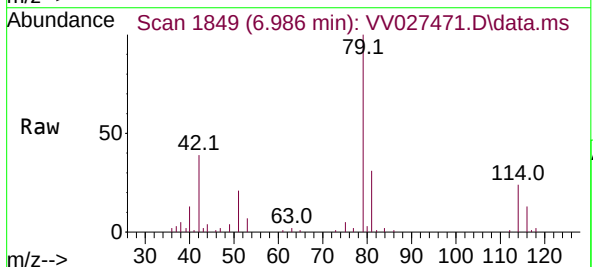
Instrument :
MSVOA_V
ClientSampleId :

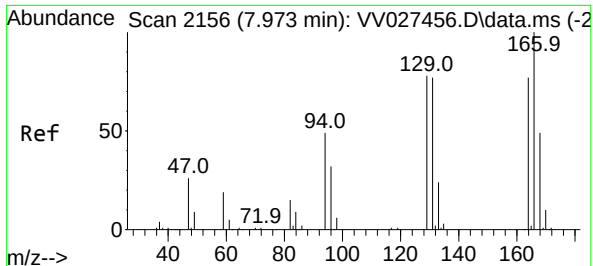
Tgt Ion: 63 Resp: 5125
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV027471.D
Acq: 22 Aug 2022 16:35

Tgt Ion: 75 Resp: 1279
Ion Ratio Lower Upper
75 100
77 41.2 22.9 42.5





#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027471.D

Acq: 22 Aug 2022 16:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 770

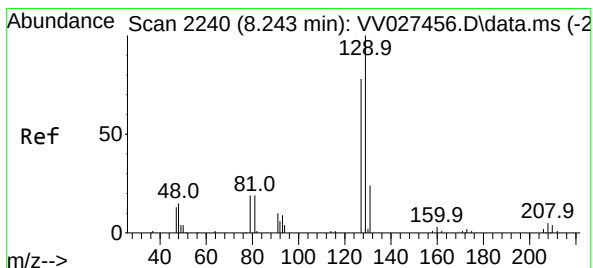
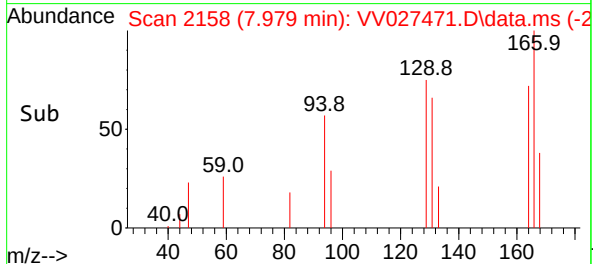
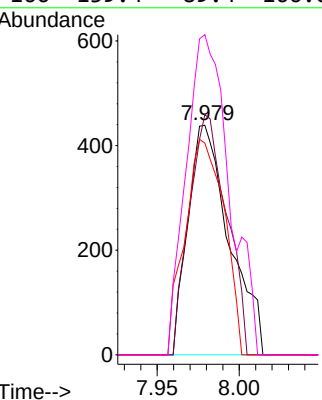
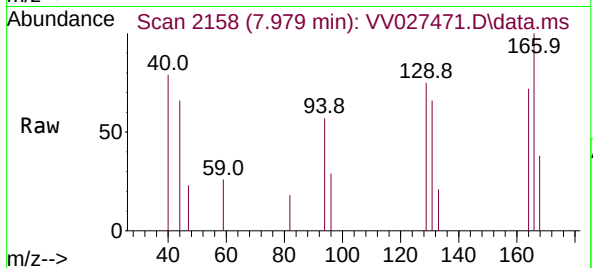
Ion Ratio Lower Upper

164 100

129 104.6 71.1 132.1

131 92.3 64.5 119.9

166 139.4 89.4 166.0



#49

Dibromochloromethane

Concen: 0.093 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027471.D

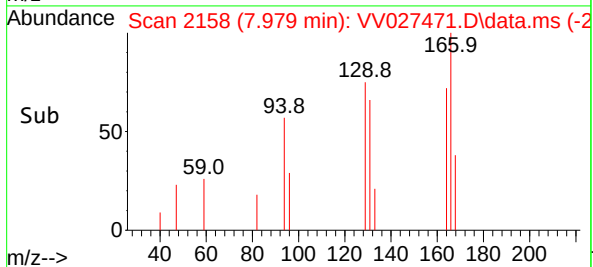
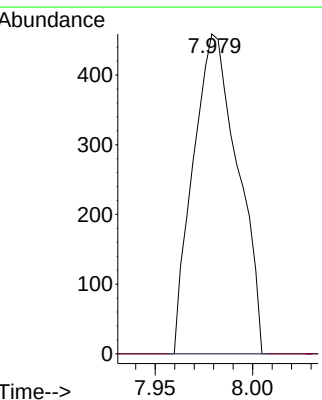
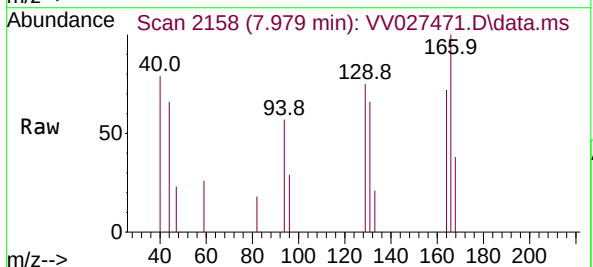
Acq: 22 Aug 2022 16:35

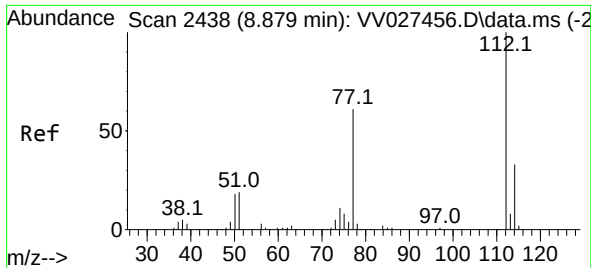
Tgt Ion:129 Resp: 731

Ion Ratio Lower Upper

129 100

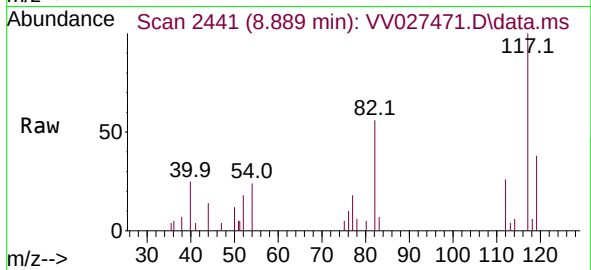
127 0.0 55.9 103.7#



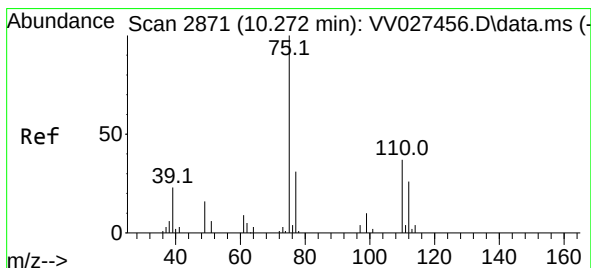
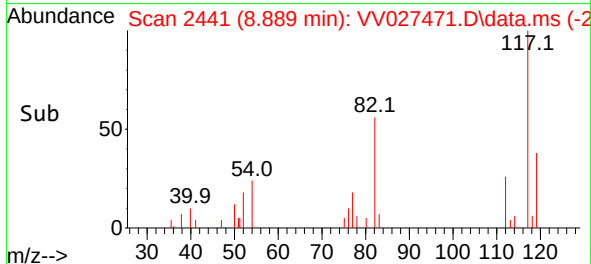
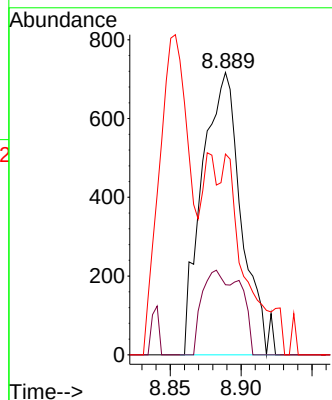


#51
Chlorobenzene
Concen: 0.055 ug/L
RT: 8.889 min Scan# 2438
Delta R.T. 0.010 min
Lab File: VV027471.D
Acq: 22 Aug 2022 16:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:112 Resp: 1381
Ion Ratio Lower Upper
112 100
114 24.8 22.7 42.1
77 71.1 46.2 69.4#



#61
1,2,3-Trichloropropane
Concen: 1.351 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027471.D
Acq: 22 Aug 2022 16:35

Tgt Ion: 75 Resp: 5645
Ion Ratio Lower Upper
75 100
77 29.1 26.2 39.2
110 2.1 29.9 44.9#

