

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027656.D
 Acq On : 01 Sep 2022 09:25
 Operator : SY/MD
 Sample : N4400-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:15:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

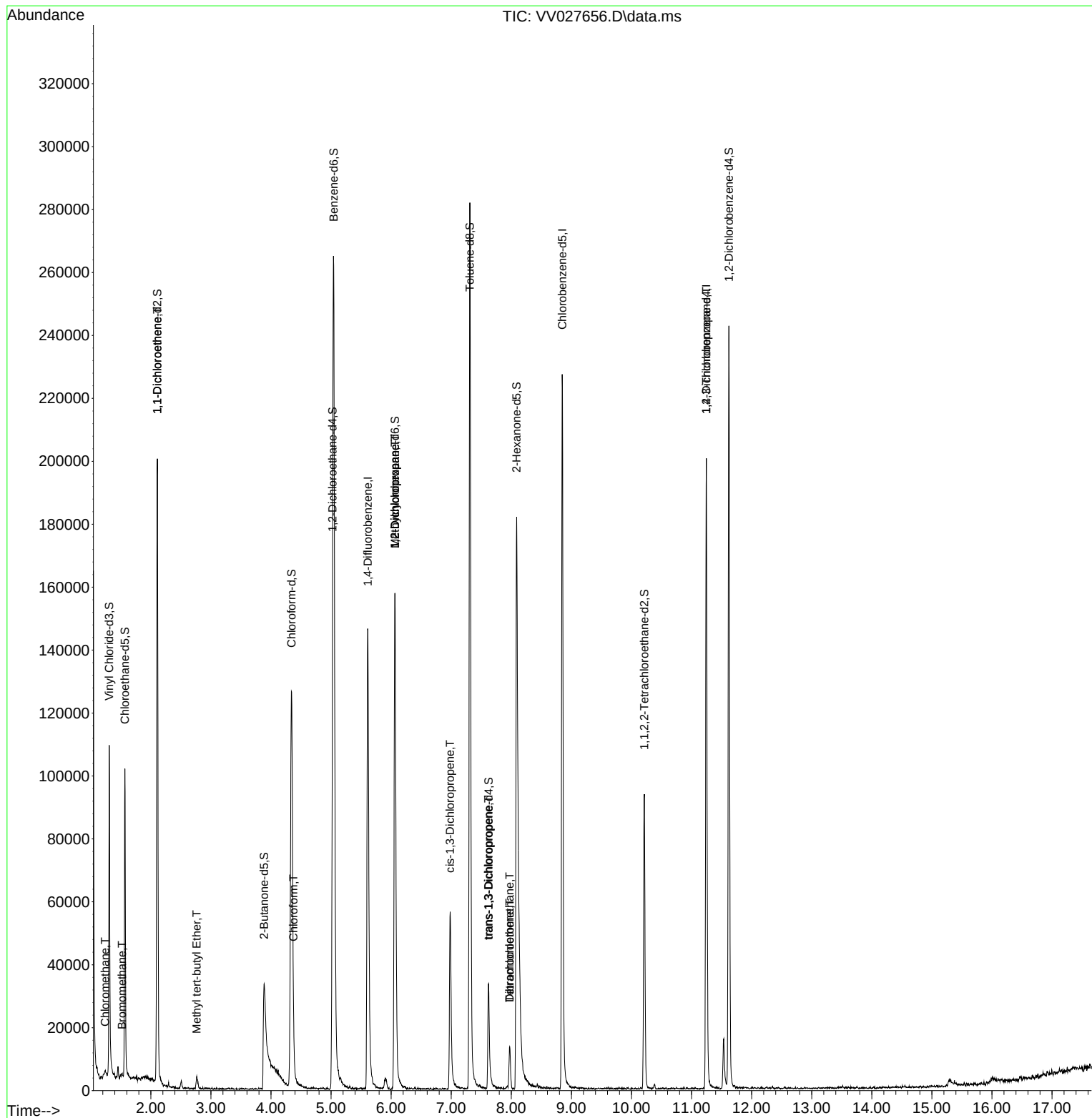
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	126667	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	129005	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	52092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71731	5.213	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.200%	
7) Chloroethane-d5	1.568	69	63159	5.486	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.800%	
11) 1,1-Dichloroethene-d2	2.108	63	107525	3.992	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.800%	
20) 2-Butanone-d5	3.886	46	73966	31.792	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.580%	
24) Chloroform-d	4.342	84	133824	4.844	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.024	65	61336	4.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.043	84	249152	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.063	67	75446	4.616	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.310	98	192050	4.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.622	79	21433	4.257	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.088	63	76348	40.320	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.640%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44907	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61690	5.290	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1193	0.072	ug/L	94
6) Bromomethane	1.519	94	534	0.072	ug/L #	51
12) 1,1-Dichloroethene	2.108	96	854	0.081	ug/L #	1
17) Methyl tert-butyl Ether	2.760	73	2656	0.118	ug/L #	70
25) Chloroform	4.371	83	4898	0.199	ug/L	92
35) Methylcyclohexane	6.063	83	19267	1.004	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8777	0.691	ug/L #	89
39) cis-1,3-Dichloropropene	6.979	75	1545	0.100	ug/L #	29
44) trans-1,3-Dichloropropene	7.619	75	949	0.075	ug/L	86
47) Tetrachloroethene	7.972	164	3171	0.316	ug/L	91
49) Dibromochloromethane	7.972	129	2754	0.284	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6469	1.227	ug/L #	66

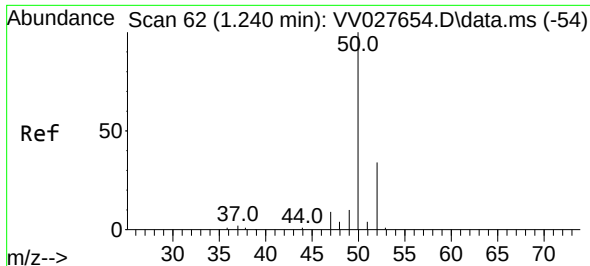
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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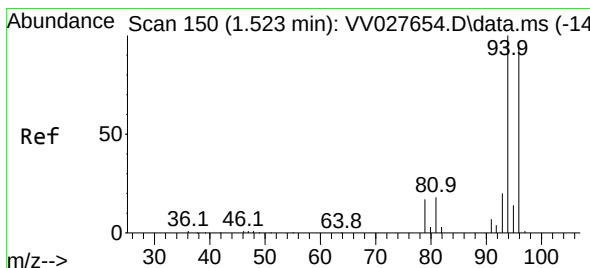
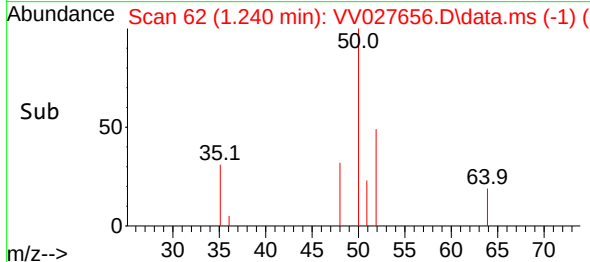
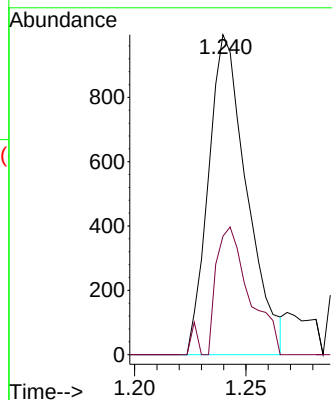
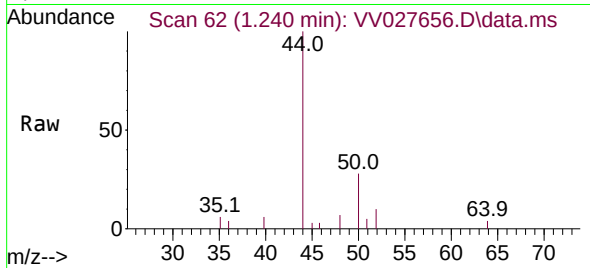




#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027656.D
Acq: 01 Sep 2022 09:25

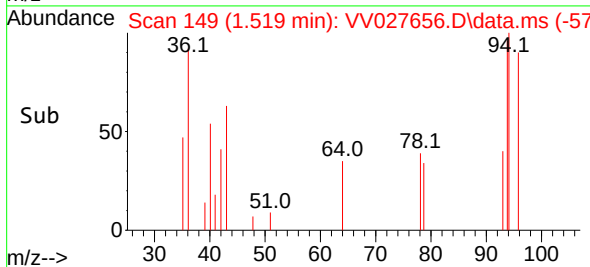
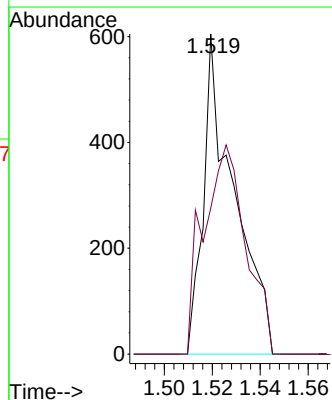
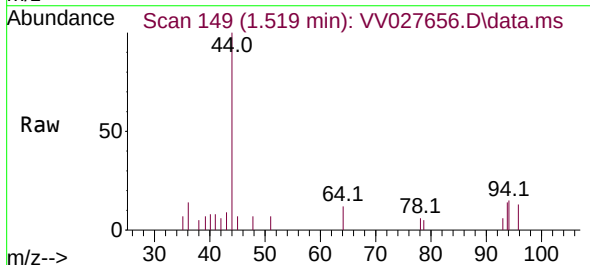
Instrument :
MSVOA_V
ClientSampleId :

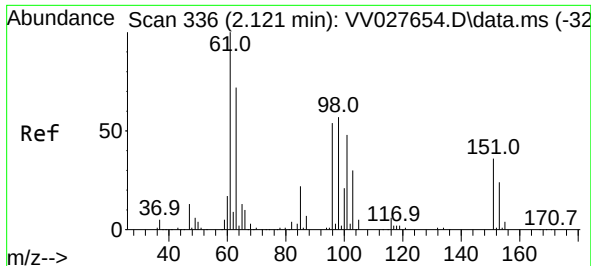
Tgt Ion: 50 Resp: 1193
Ion Ratio Lower Upper
50 100
52 37.0 23.5 43.7



#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV027656.D
Acq: 01 Sep 2022 09:25

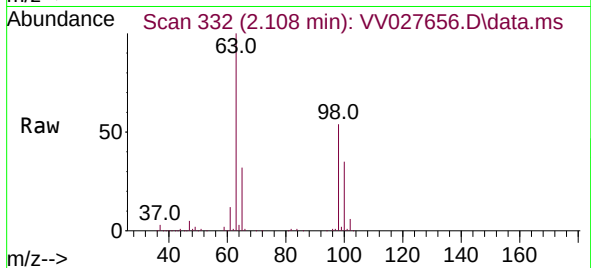
Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 45.6 65.1 120.9



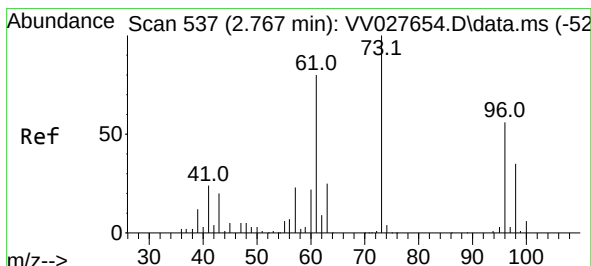
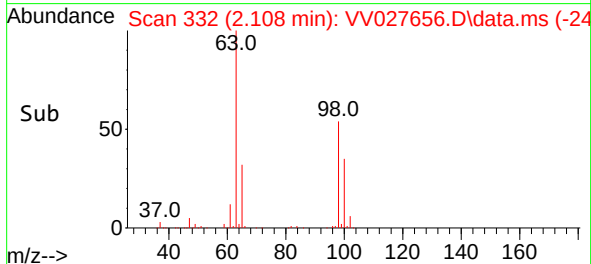
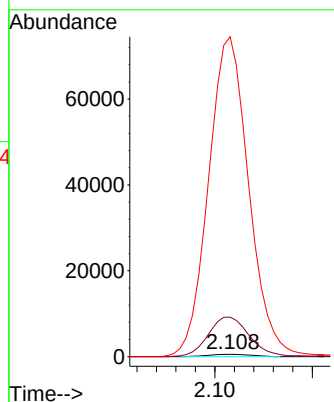


#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV027656.D
Acq: 01 Sep 2022 09:25

Instrument :
MSVOA_V
ClientSampleId :

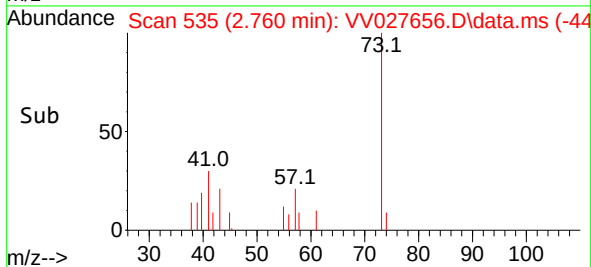
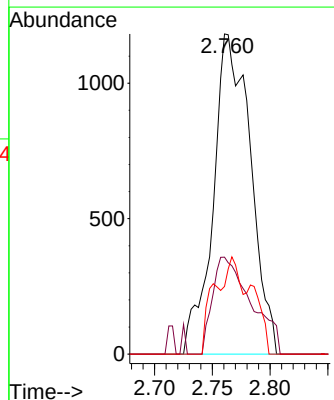
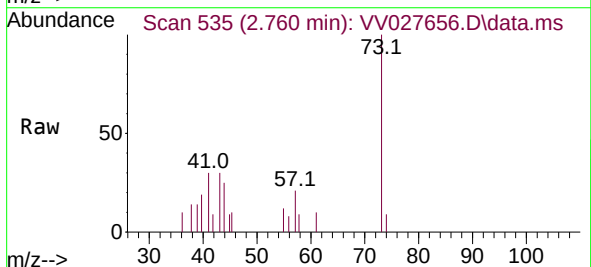


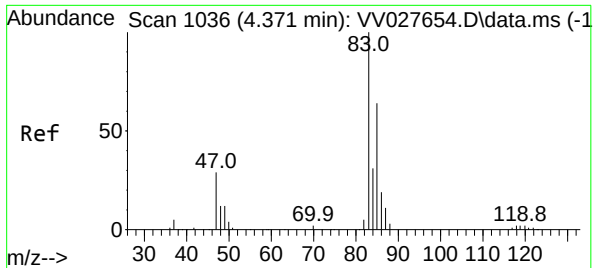
Tgt Ion: 96 Resp: 854
Ion Ratio Lower Upper
96 100
61 1617.0 134.3 249.3#
63 13099.5 105.7 196.3#



#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.006 min
Lab File: VV027656.D
Acq: 01 Sep 2022 09:25

Tgt Ion: 73 Resp: 2656
Ion Ratio Lower Upper
73 100
43 31.5 16.5 24.7#
57 5.4 18.2 27.2#

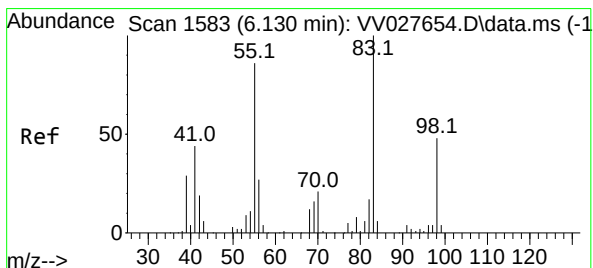
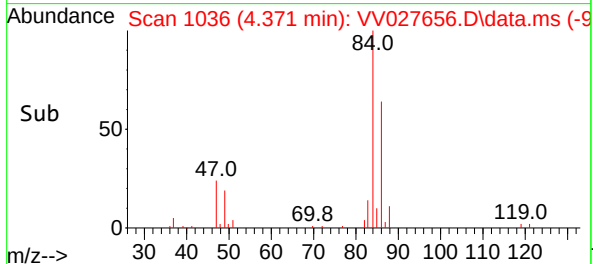
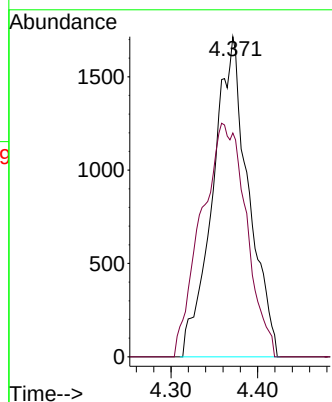
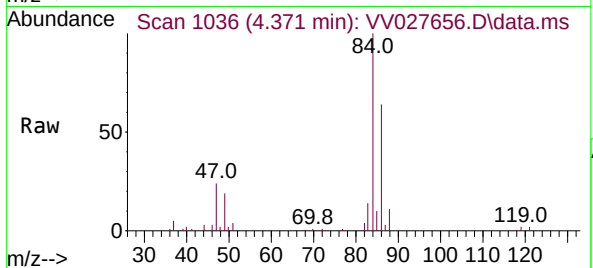




#25
Chloroform
Concen: 0.199 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV027656.D
Acq: 01 Sep 2022 09:25

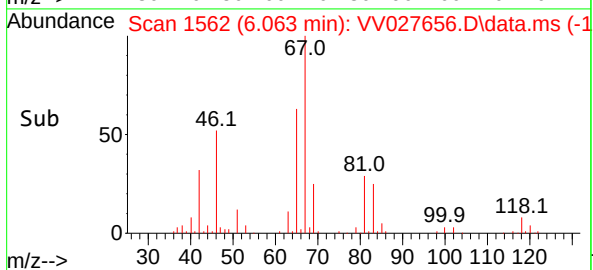
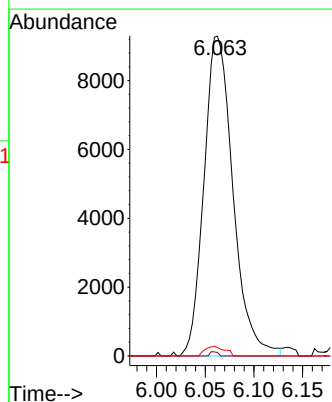
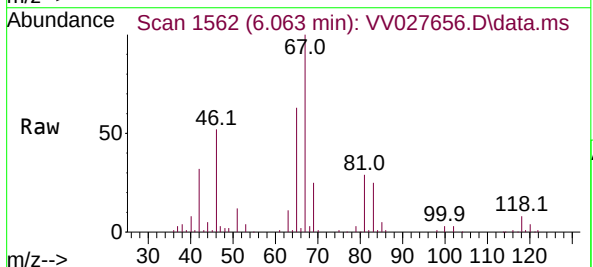
Instrument :
MSVOA_V
ClientSampleId :

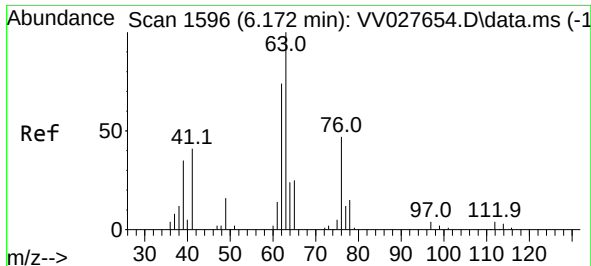
Tgt Ion: 83 Resp: 4898
Ion Ratio Lower Upper
83 100
85 69.9 44.7 83.1



#35
Methylcyclohexane
Concen: 1.004 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.068 min
Lab File: VV027656.D
Acq: 01 Sep 2022 09:25

Tgt Ion: 83 Resp: 19267
Ion Ratio Lower Upper
83 100
55 0.3 66.0 99.0#
98 2.0 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.691 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.109 min

Lab File: VV027656.D

Acq: 01 Sep 2022 09:25

Instrument :

MSVOA_V

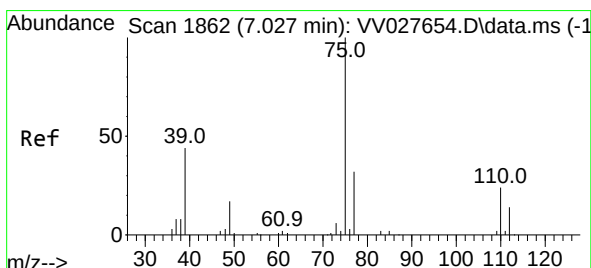
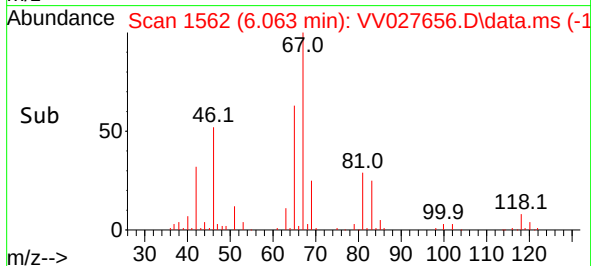
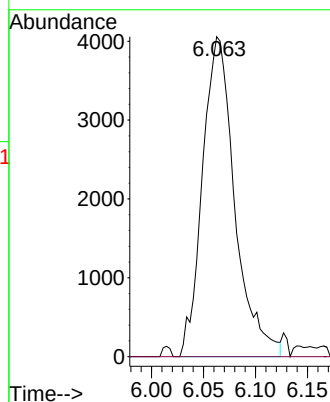
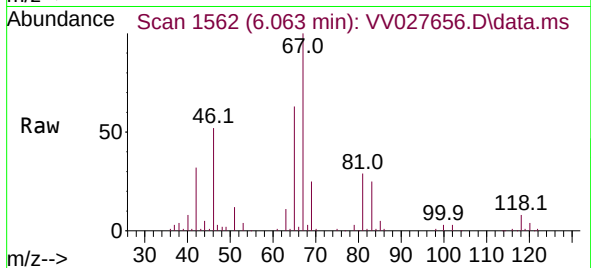
ClientSampleId :

Tgt Ion: 63 Resp: 8777

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.048 min

Lab File: VV027656.D

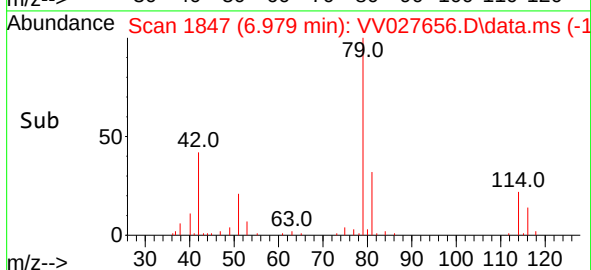
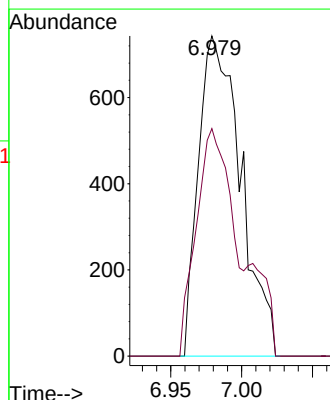
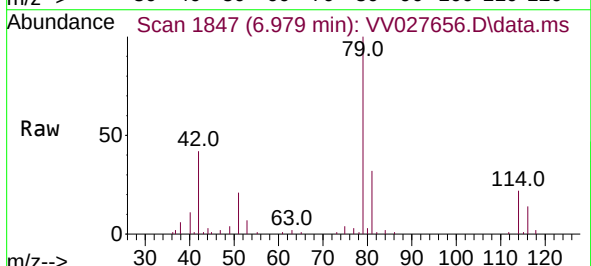
Acq: 01 Sep 2022 09:25

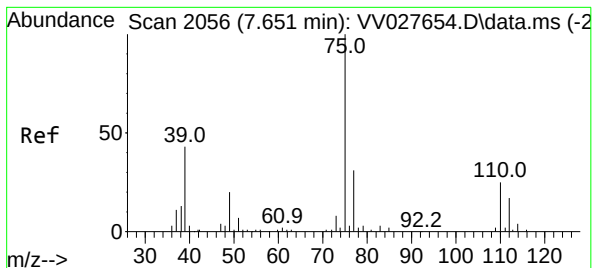
Tgt Ion: 75 Resp: 1545

Ion Ratio Lower Upper

75 100

77 71.1 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.619 min Scan# 2056

Delta R.T. -0.032 min

Lab File: VV027656.D

Acq: 01 Sep 2022 09:25

Instrument :

MSVOA_V

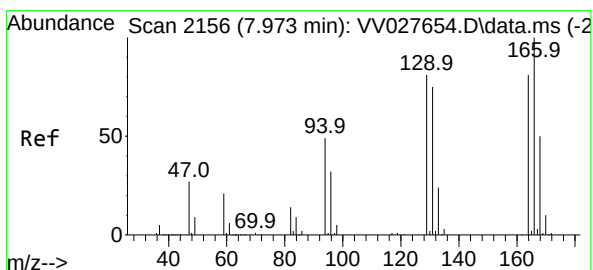
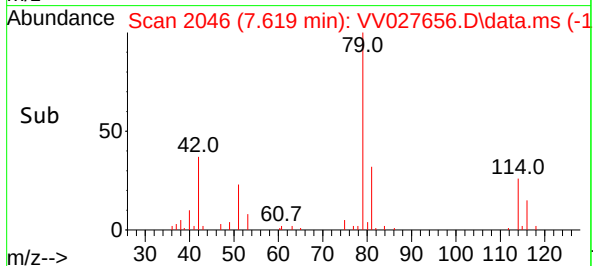
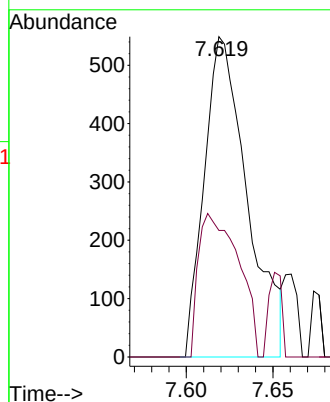
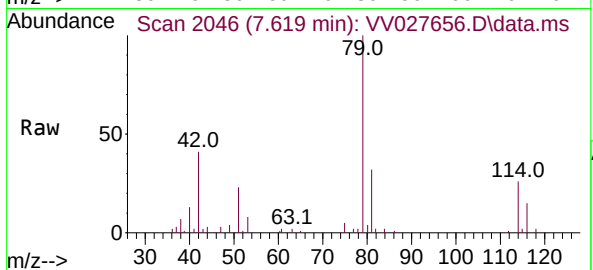
ClientSampleId :

Tgt Ion: 75 Resp: 949

Ion Ratio Lower Upper

75 100

77 39.5 22.0 41.0



#47

Tetrachloroethene

Concen: 0.316 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027656.D

Acq: 01 Sep 2022 09:25

Tgt Ion: 164 Resp: 3171

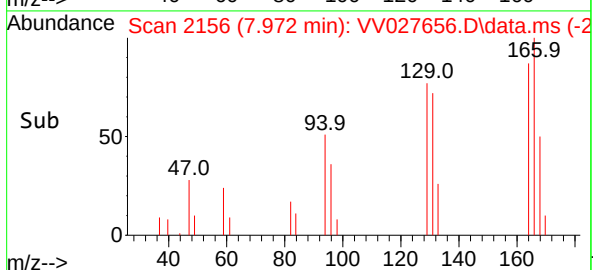
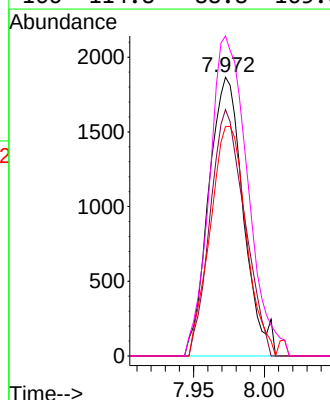
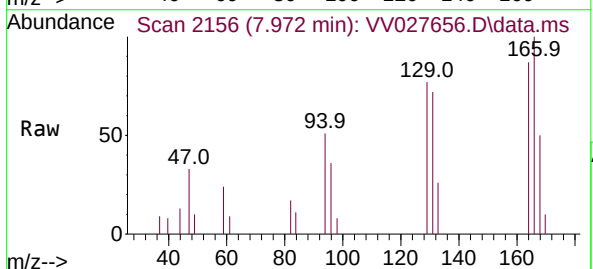
Ion Ratio Lower Upper

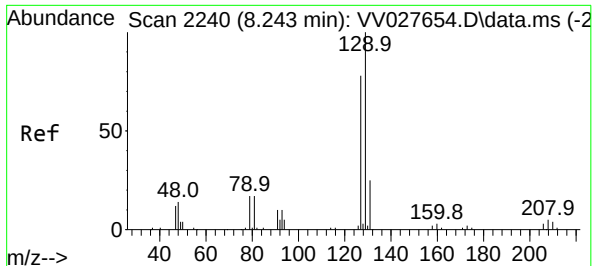
164 100

129 88.4 65.9 122.3

131 82.3 64.5 119.7

166 114.8 88.8 165.0





#49

Dibromochloromethane

Concen: 0.284 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027656.D

Acq: 01 Sep 2022 09:25

Instrument :

MSVOA_V

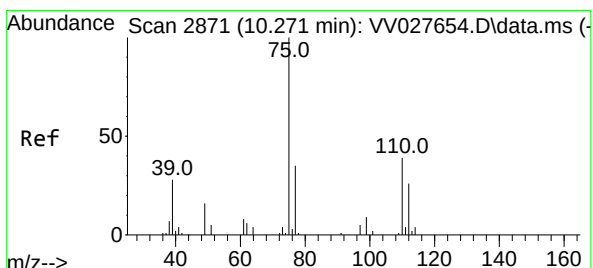
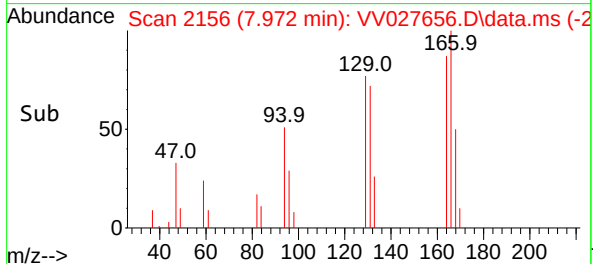
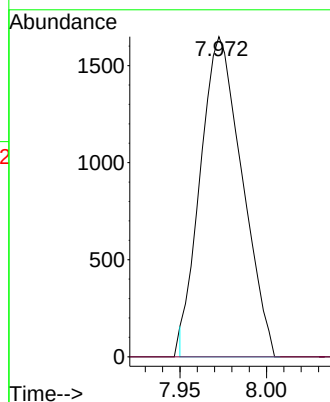
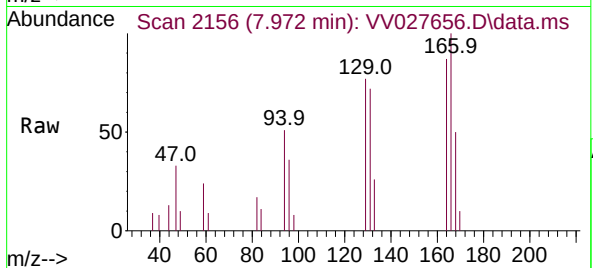
ClientSampleId :

Tgt Ion:129 Resp: 2754

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.227 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027656.D

Acq: 01 Sep 2022 09:25

Tgt Ion: 75 Resp: 6469

Ion Ratio Lower Upper

75 100

77 34.1 25.8 38.6

110 1.4 29.8 44.8#

