

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027582.D
 Acq On : 30 Aug 2022 13:35
 Operator : SY/MD
 Sample : N4402-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB8

Quant Time: Aug 31 04:47:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

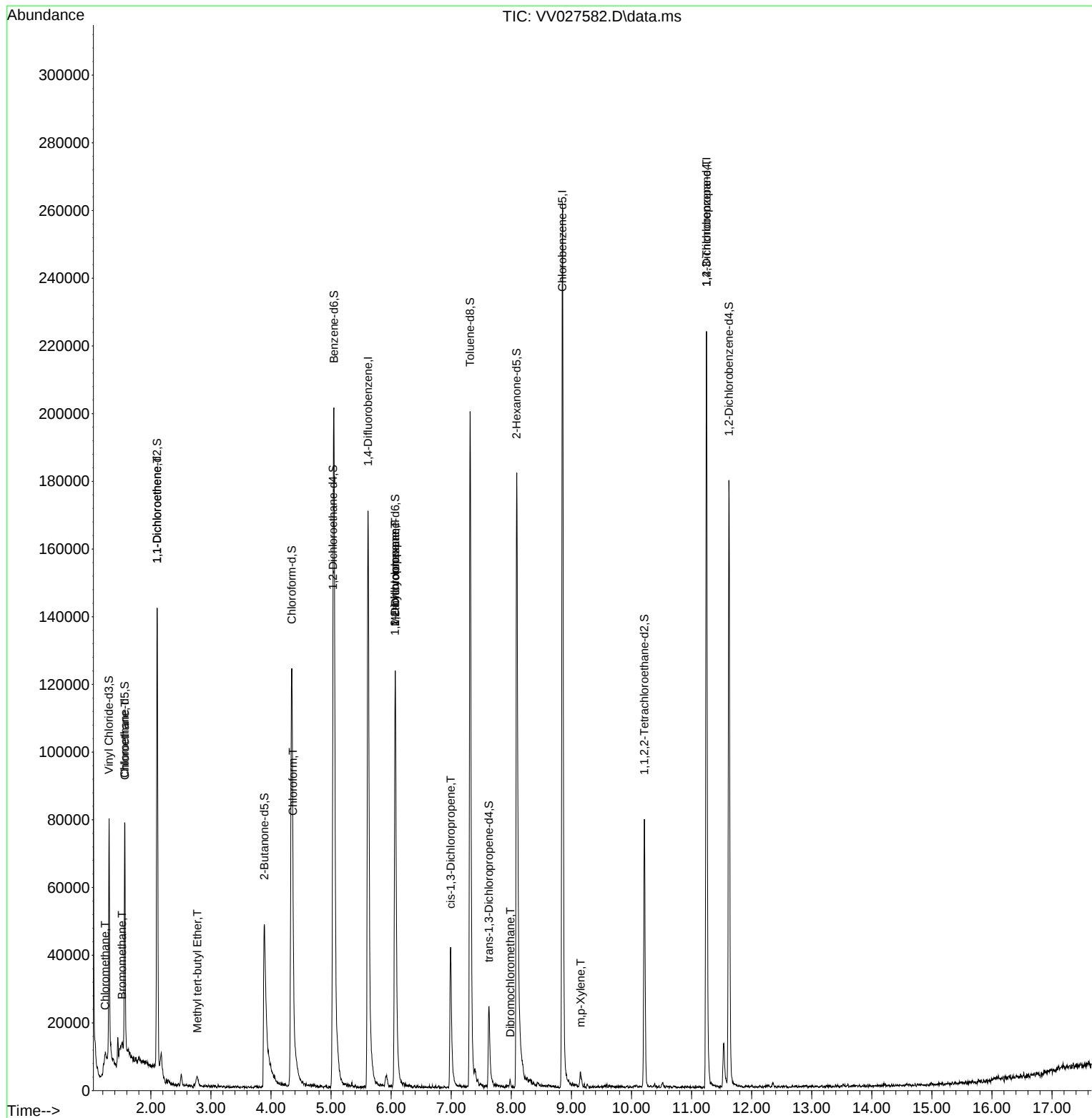
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	147964	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53091	5.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.800%	
7) Chloroethane-d5	1.564	69	42189	5.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.400%	
11) 1,1-Dichloroethene-d2	2.105	63	72453	2.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 59.000%#	
20) 2-Butanone-d5	3.889	46	88587	67.596	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 135.200%#	
24) Chloroform-d	4.346	84	106393	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.000%	
26) 1,2-Dichloroethane-d4	5.031	65	50665	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.200%	
32) Benzene-d6	5.047	84	188676	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 93.600%	
36) 1,2-Dichloropropane-d6	6.069	67	61517	5.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 105.000%	
41) Toluene-d8	7.313	98	136792	3.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 75.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15713	3.915	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 78.200%	
46) 2-Hexanone-d5	8.088	63	62072	46.977	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 93.960%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37827	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 101.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	45219	5.186	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1469	0.107	ug/L	95
6) Bromomethane	1.519	94	644	0.094	ug/L	77
8) Chloroethane	1.568	64	2562	0.318	ug/L #	49
12) 1,1-Dichloroethene	2.105	96	915	0.082	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2691	0.116	ug/L #	76
25) Chloroform	4.365	83	3002	0.116	ug/L	94
35) Methylcyclohexane	6.069	83	15393	0.859	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	7108	0.551	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1143	0.073	ug/L #	52
49) Dibromochloromethane	7.985	129	385	0.038	ug/L #	9
53) m,p-Xylene	9.153	106	1270	0.065	ug/L	86
61) 1,2,3-Trichloropropane	11.249	75	7228	1.401	ug/L #	67

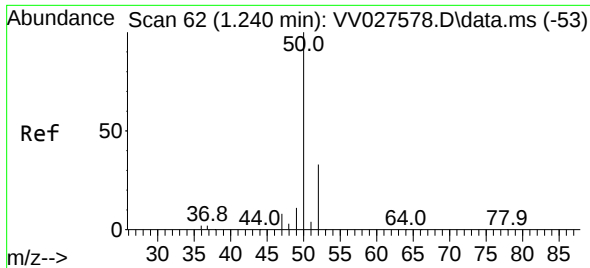
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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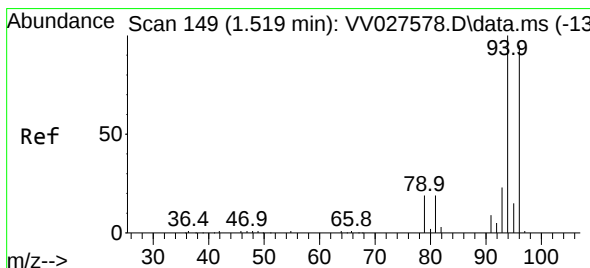
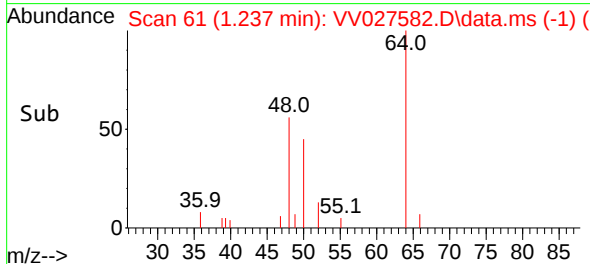
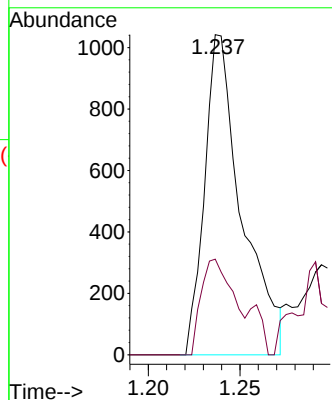
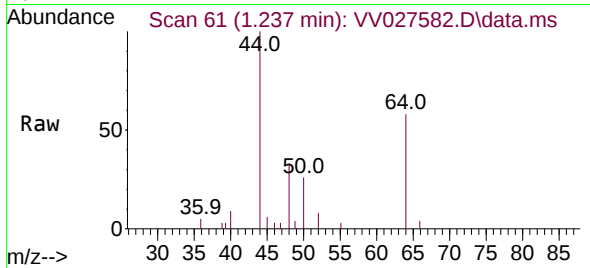




#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

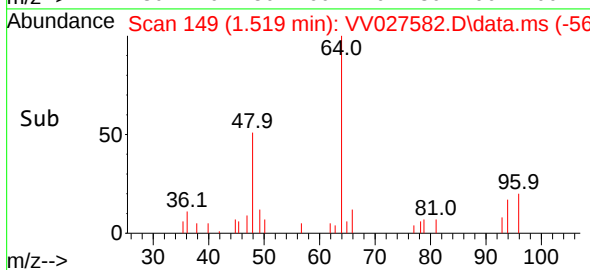
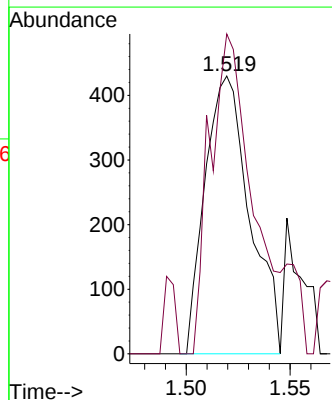
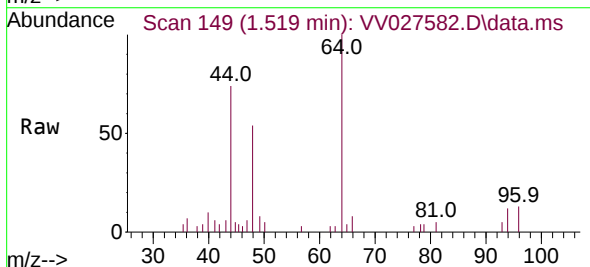
Instrument :
MSVOA_V
ClientSampleId :
DBVB8

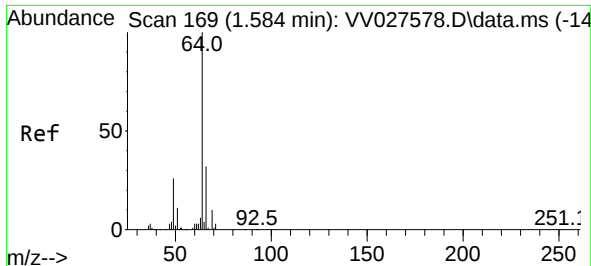
Tgt Ion: 50 Resp: 1469
Ion Ratio Lower Upper
50 100
52 29.8 22.8 42.4



#6
Bromomethane
Concen: 0.094 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

Tgt Ion: 94 Resp: 644
Ion Ratio Lower Upper
94 100
96 115.1 65.2 121.0

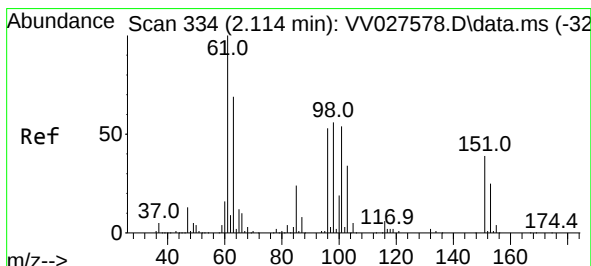
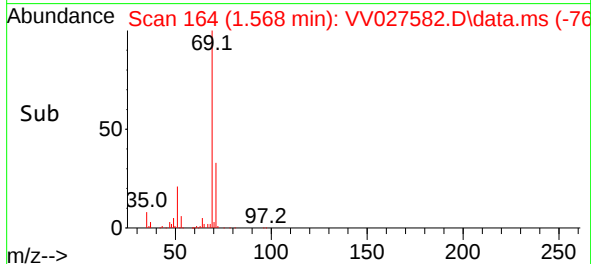
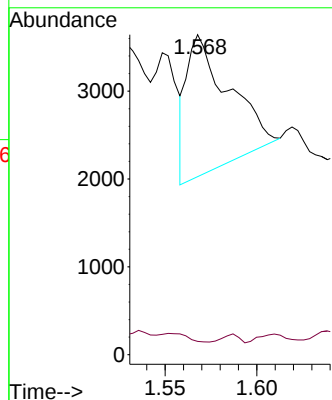
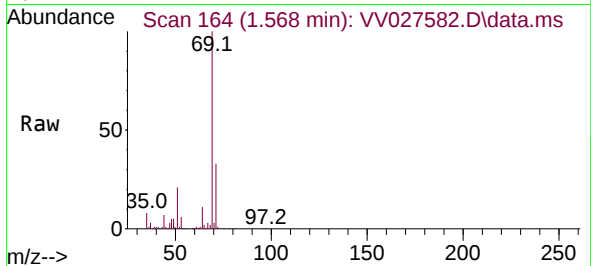




#8
Chloroethane
Concen: 0.318 ug/L
RT: 1.568 min Scan# 1
Delta R.T. -0.016 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

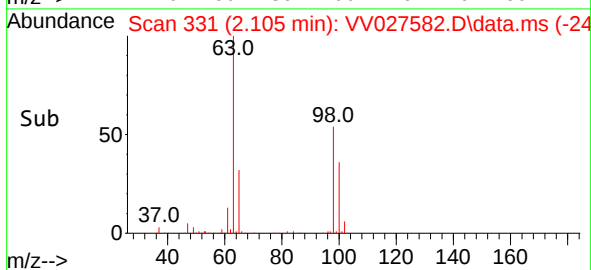
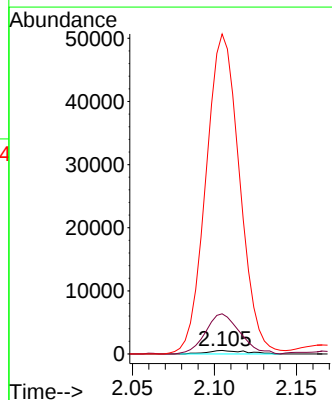
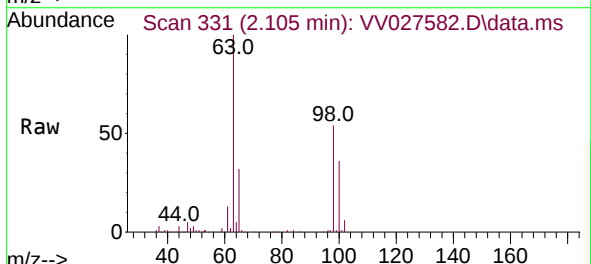
Instrument :
MSVOA_V
ClientSampleId :
DBVB8

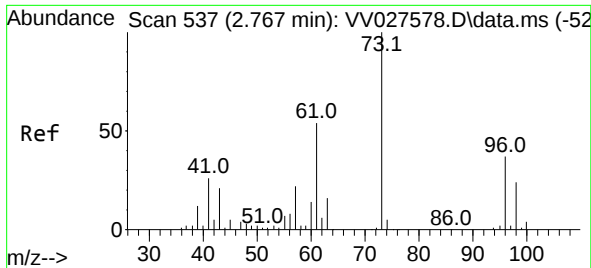
Tgt Ion: 64 Resp: 2562
Ion Ratio Lower Upper
64 100
66 4.2 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

Tgt Ion: 96 Resp: 915
Ion Ratio Lower Upper
96 100
61 1150.2 130.2 241.8#
63 9150.9 87.4 162.4#

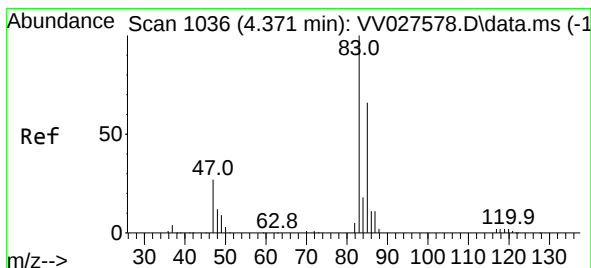
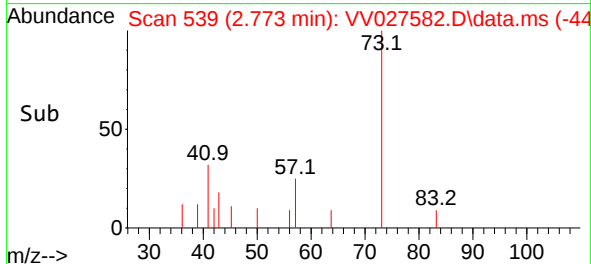
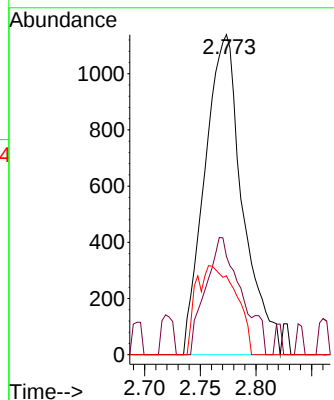
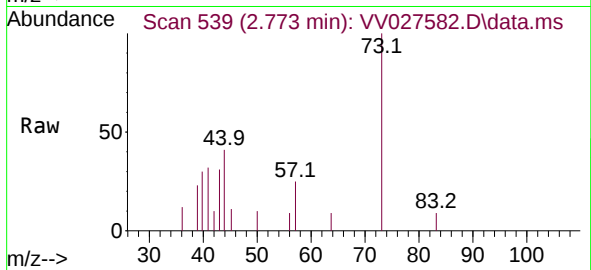




#17
Methyl tert-butyl Ether
Concen: 0.116 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

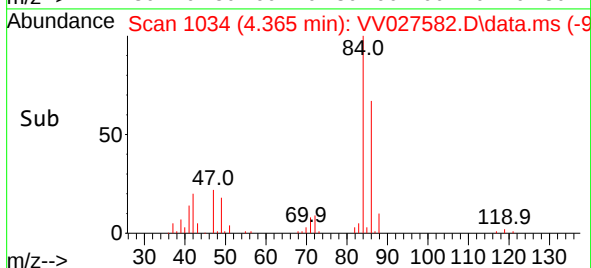
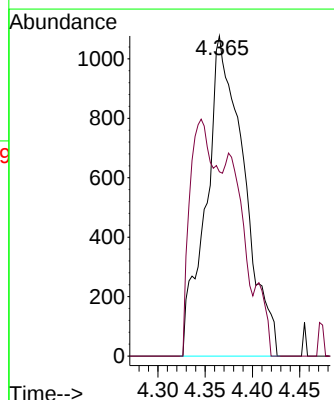
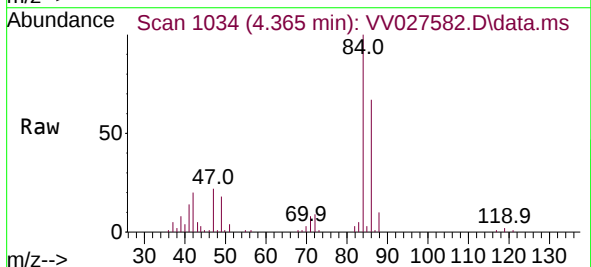
Instrument :
MSVOA_V
ClientSampleId :
DBVB8

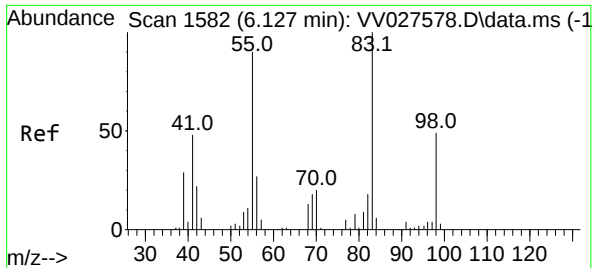
Tgt Ion: 73 Resp: 2691
Ion Ratio Lower Upper
73 100
43 34.4 15.6 23.4#
57 29.1 17.0 25.6#



#25
Chloroform
Concen: 0.116 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

Tgt Ion: 83 Resp: 3002
Ion Ratio Lower Upper
83 100
85 57.6 43.3 80.5

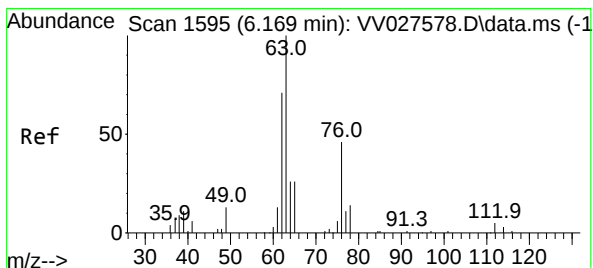
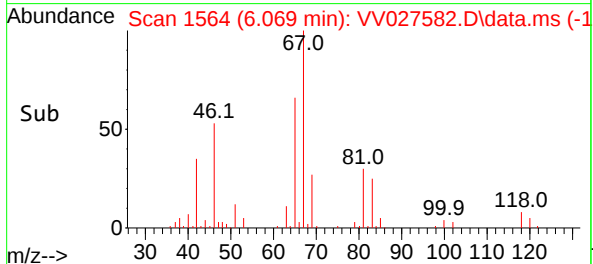
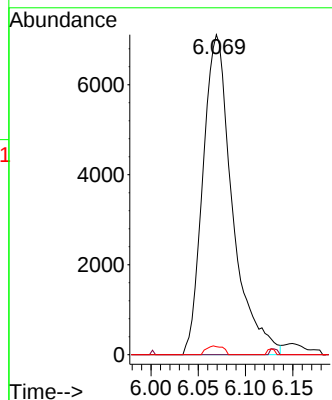
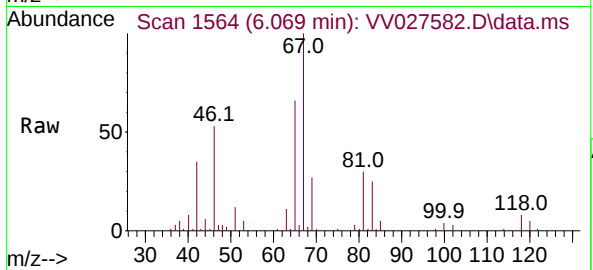




#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

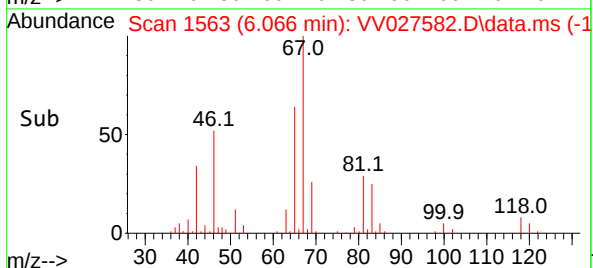
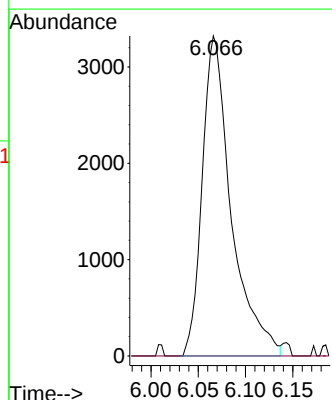
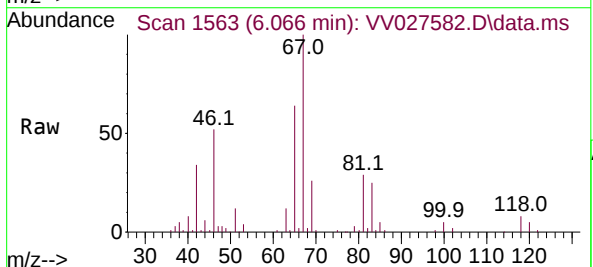
Instrument :
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ClientSampleId :
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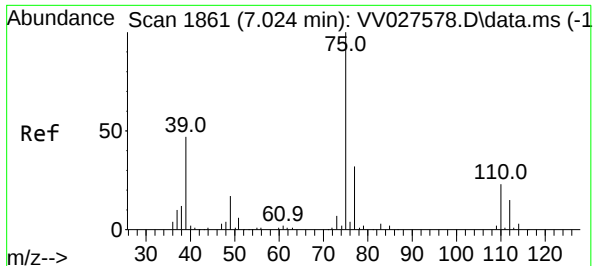
Tgt Ion: 83 Resp: 15393
Ion Ratio Lower Upper
83 100
55 0.1 68.2 102.4#
98 1.6 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV027582.D
Acq: 30 Aug 2022 13:35

Tgt Ion: 63 Resp: 7108
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV027582.D

Acq: 30 Aug 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :

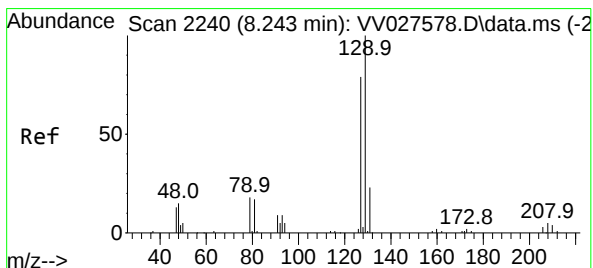
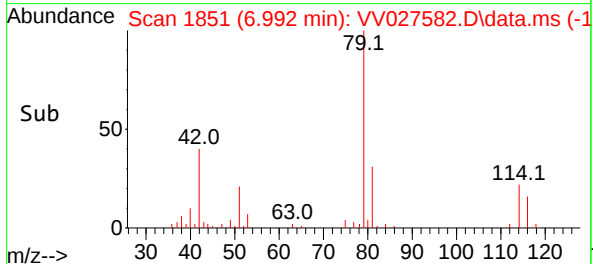
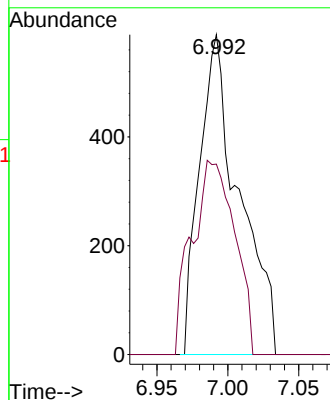
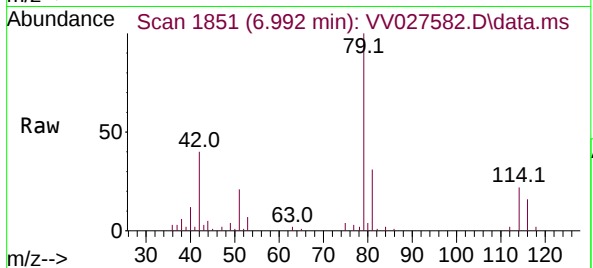
DBVB8

Tgt Ion: 75 Resp: 1143

Ion Ratio Lower Upper

75 100

77 59.5 22.9 42.5#



#49

Dibromochloromethane

Concen: 0.038 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV027582.D

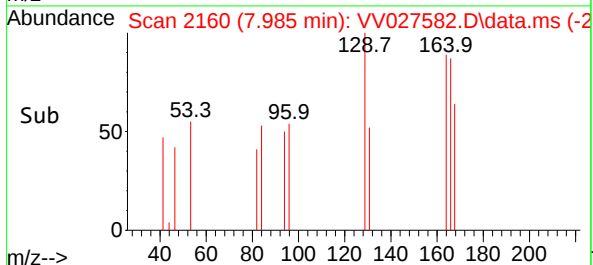
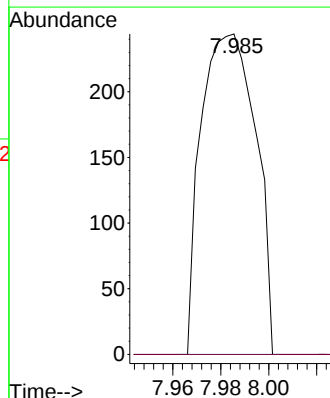
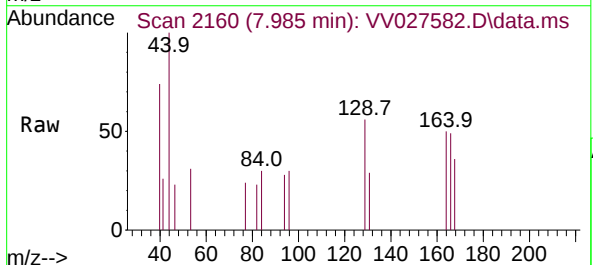
Acq: 30 Aug 2022 13:35

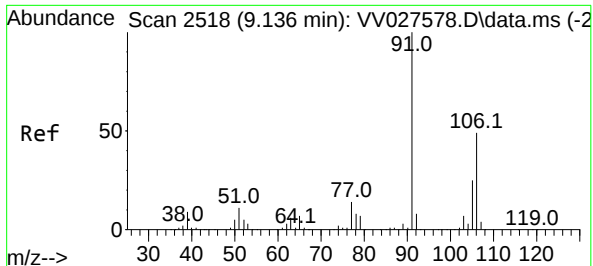
Tgt Ion: 129 Resp: 385

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#53

m,p-Xylene

Concen: 0.065 ug/L

RT: 9.153 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV027582.D

Acq: 30 Aug 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :

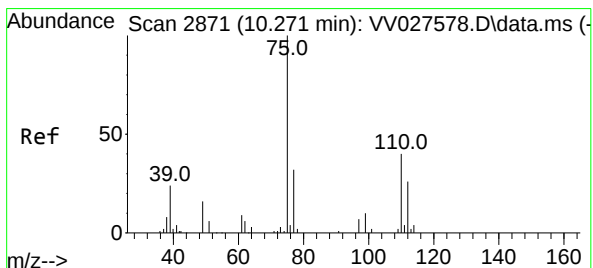
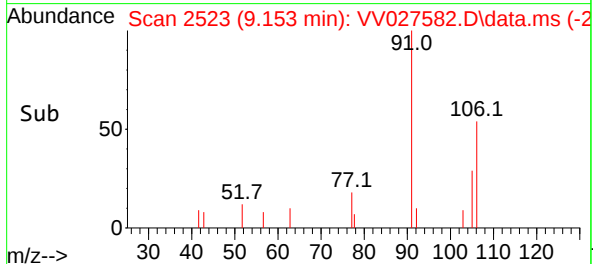
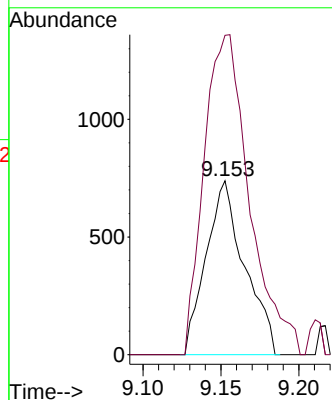
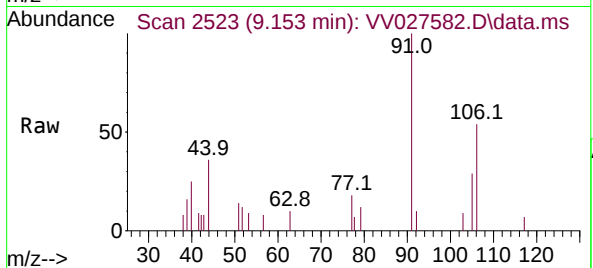
DBVB8

Tgt Ion:106 Resp: 1270

Ion Ratio Lower Upper

106 100

91 183.6 143.8 267.0



#61

1,2,3-Trichloropropane

Concen: 1.401 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV027582.D

Acq: 30 Aug 2022 13:35

Tgt Ion: 75 Resp: 7228

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 1.0 29.9 44.9#

