

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027638.D
 Acq On : 01 Sep 2022 00:42
 Operator : SY/MD
 Sample : N4366-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:16:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	153931	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48552	2.903	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.561	69	39692	2.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.800%#
11) 1,1-Dichloroethene-d2	2.101	63	74444	2.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.400%#
20) 2-Butanone-d5	3.905	46	82554	29.198	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.400%
24) Chloroform-d	4.346	84	92162	2.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.000%#
26) 1,2-Dichloroethane-d4	5.031	65	46197	3.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.400%#
32) Benzene-d6	5.047	84	182232	3.061	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.200%#
36) 1,2-Dichloropropane-d6	6.069	67	56354	3.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.200%
41) Toluene-d8	7.313	98	143467	2.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	7.629	79	6792	1.197	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	24.000%#
46) 2-Hexanone-d5	8.092	63	45870	21.502	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	43.000%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33464	2.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	56.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	42678	3.215	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	940	0.047	ug/L	86
5) Vinyl chloride	1.307	62	9607	0.502	ug/L #	81
12) 1,1-Dichloroethene	2.111	96	1760	0.137	ug/L #	1
13) Acetone	2.124	43	49152	25.692	ug/L	70
15) Methyl Acetate	2.490	43	363283	71.578	ug/L #	53
16) Methylene chloride	2.490	84	6943	0.428	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	79093	2.882	ug/L #	1
18) trans-1,2-Dichloroethene	2.754	96	427887	29.381	ug/L	99
21) 2-Butanone	3.876	43	13024	5.020	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	316589	21.781	ug/L	96
25) Chloroform	4.375	83	2387	0.080	ug/L #	1
30) Cyclohexane	4.670	56	9427	0.445	ug/L	93
33) Benzene	5.105	78	16024	0.283	ug/L	100
34) Trichloroethene	5.912	95	98982	7.103	ug/L	98
35) Methylcyclohexane	6.069	83	20790	0.961	ug/L #	19
45) 1,1,2-Trichloroethane	7.786	97	9056	0.981	ug/L #	22
47) Tetrachloroethene	7.976	164	4316	0.382	ug/L	93
49) Dibromochloromethane	7.976	129	4045	0.370	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	7600	1.267	ug/L #	67

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 02:22:45 2022
Response via : Initial Calibration

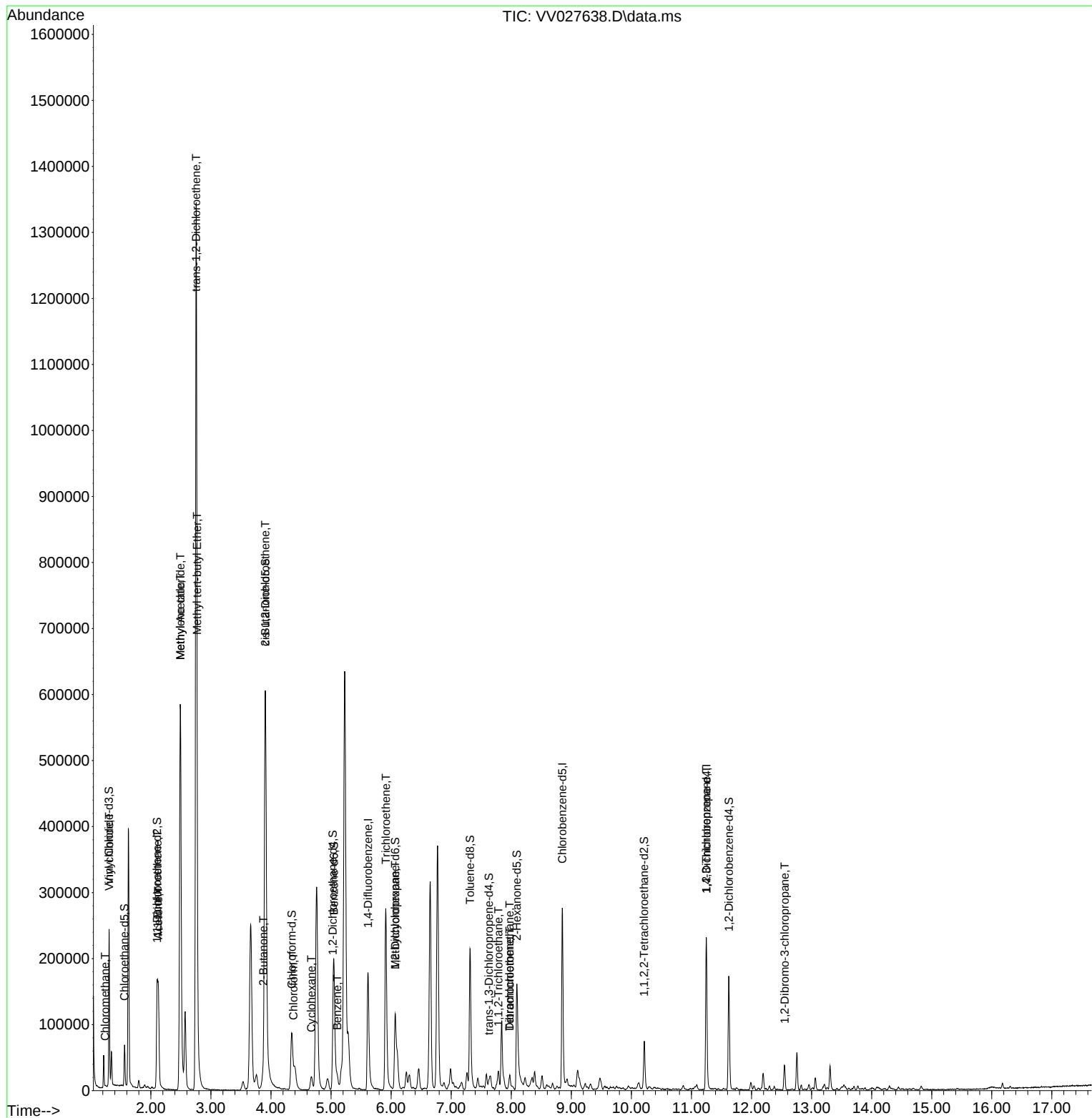
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.554	75	443	0.371	ug/L #	8

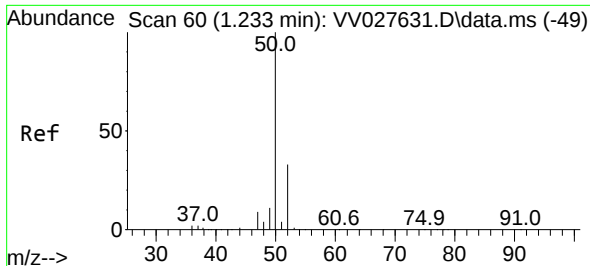
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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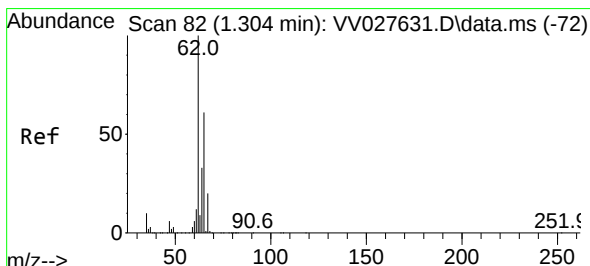
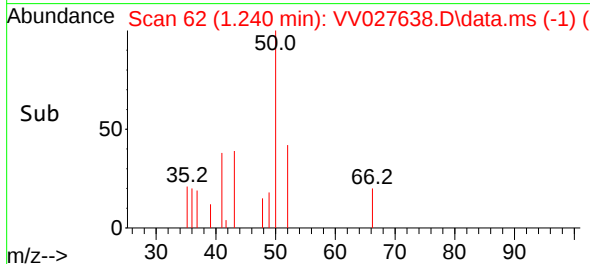
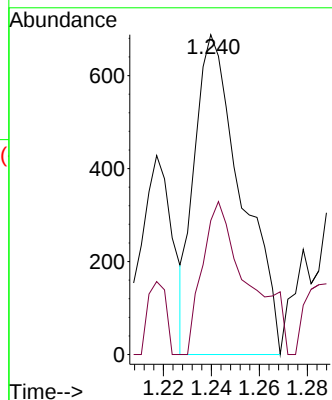
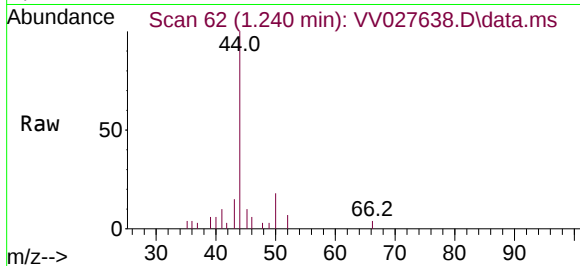




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

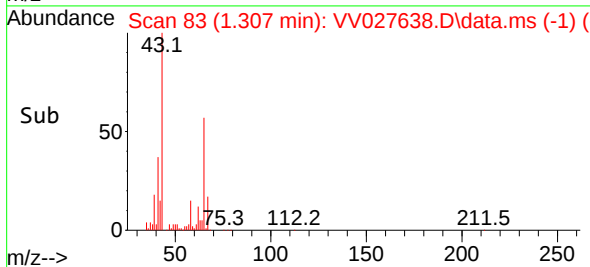
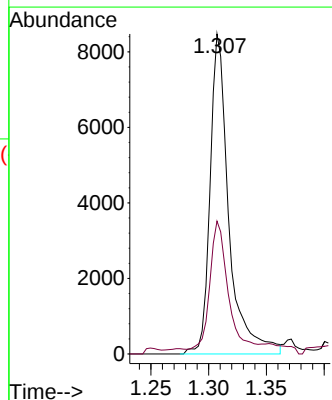
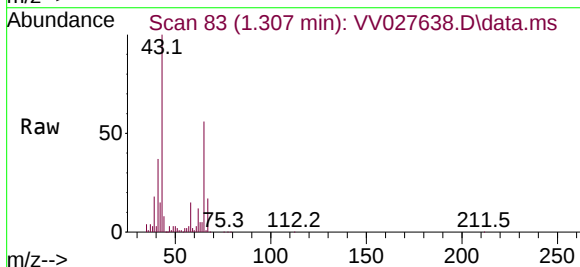
Instrument :
MSVOA_V
ClientSampleId :

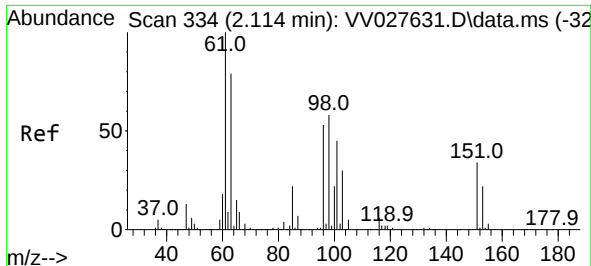
Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 41.9 23.5 43.7



#5
Vinyl chloride
Concen: 0.502 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

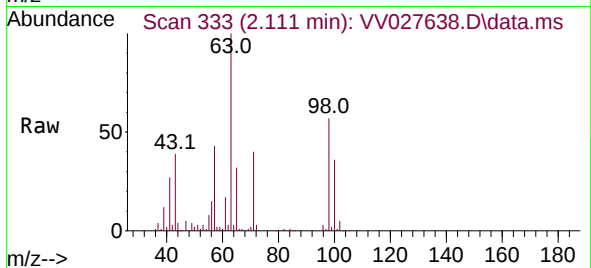
Tgt Ion: 62 Resp: 9607
Ion Ratio Lower Upper
62 100
64 41.5 21.8 40.4#



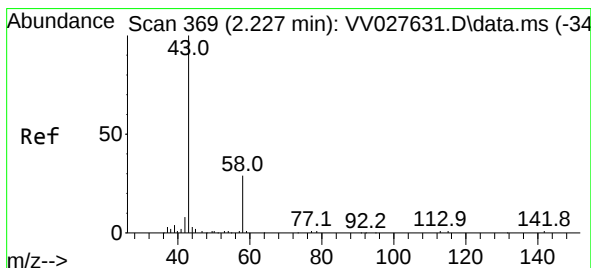
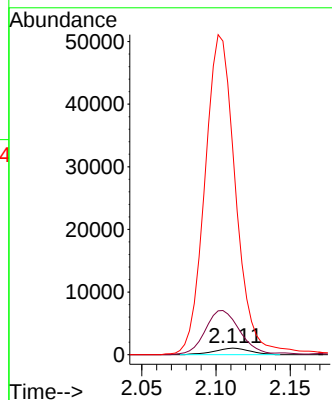
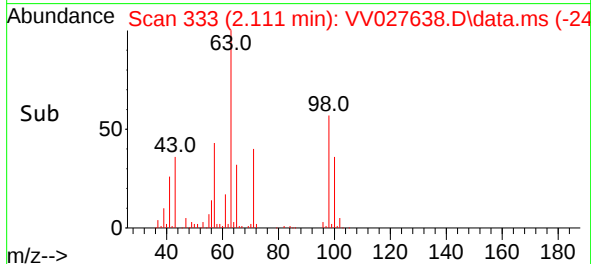


#12
 1,1-Dichloroethene
 Concen: 0.137 ug/L
 RT: 2.111 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV027638.D
 Acq: 01 Sep 2022 00:42

Instrument :
 MSVOA_V
 ClientSampleId :

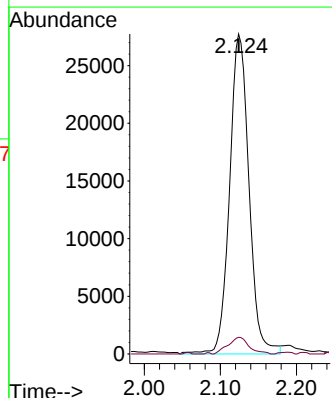
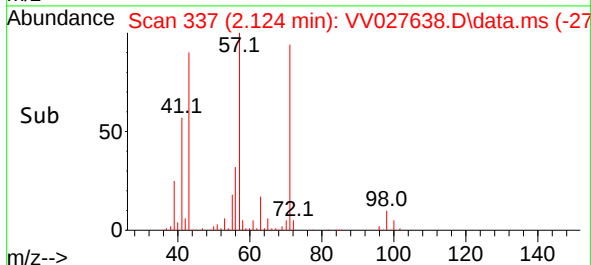
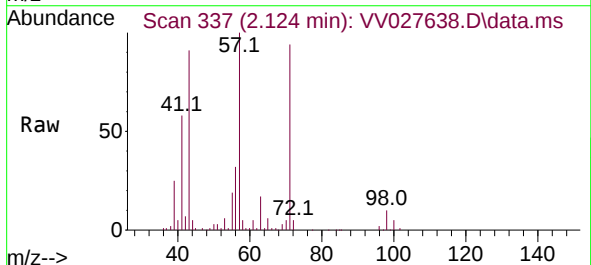


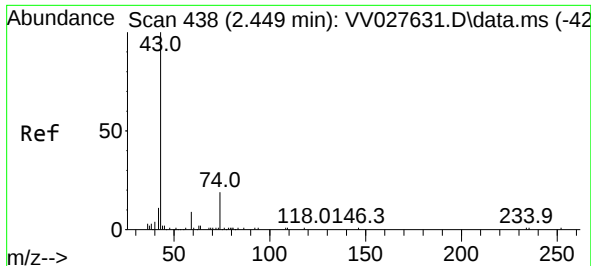
Tgt Ion: 96 Resp: 1760
 Ion Ratio Lower Upper
 96 100
 61 540.2 134.3 249.3#
 63 3187.8 105.7 196.3#



#13
 Acetone
 Concen: 25.692 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.103 min
 Lab File: VV027638.D
 Acq: 01 Sep 2022 00:42

Tgt Ion: 43 Resp: 49152
 Ion Ratio Lower Upper
 43 100
 58 5.6 0.0 38.4

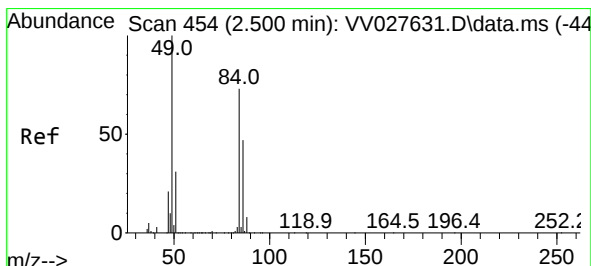
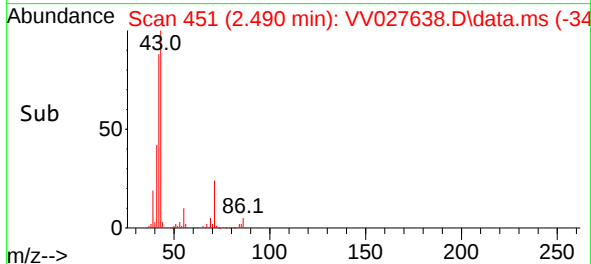
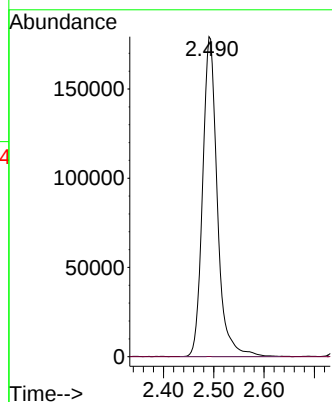
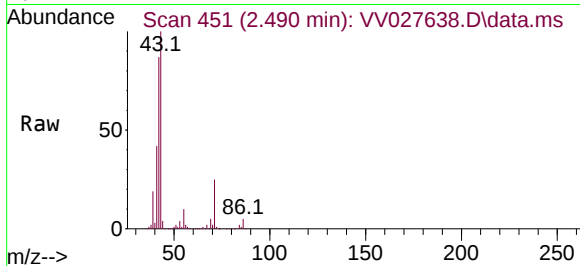




#15
Methyl Acetate
Concen: 71.578 ug/L
RT: 2.490 min Scan# 41
Delta R.T. 0.042 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

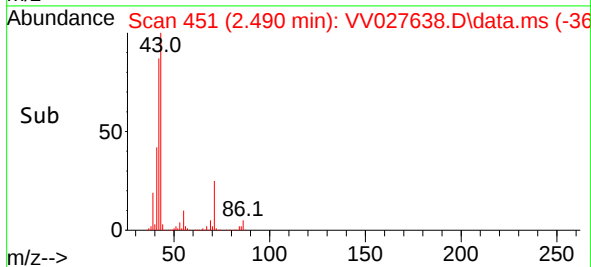
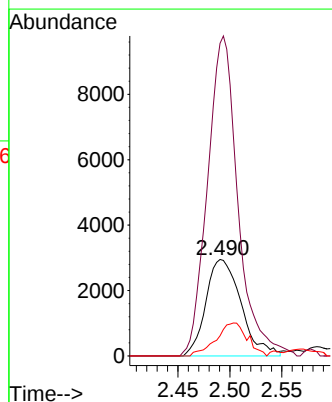
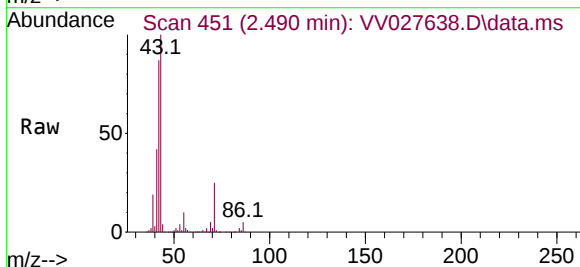
Instrument :
MSVOA_V
ClientSampleId :

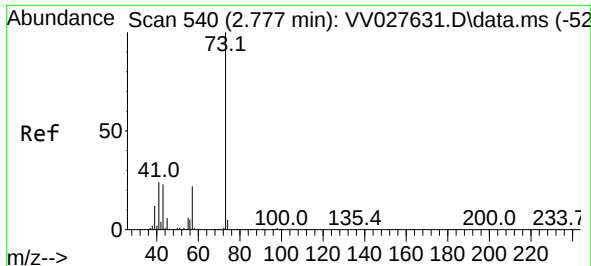
Tgt Ion: 43 Resp: 363283
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.428 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.010 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

Tgt Ion: 84 Resp: 6943
Ion Ratio Lower Upper
84 100
86 324.0 43.9 81.5#
49 20.9 92.5 171.7#





#17

Methyl tert-butyl Ether

Concen: 2.882 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.006 min

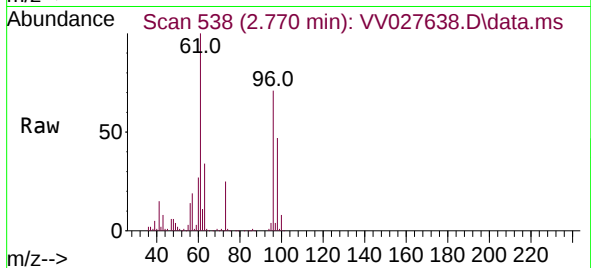
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Instrument :

MSVOA_V

ClientSampleId :



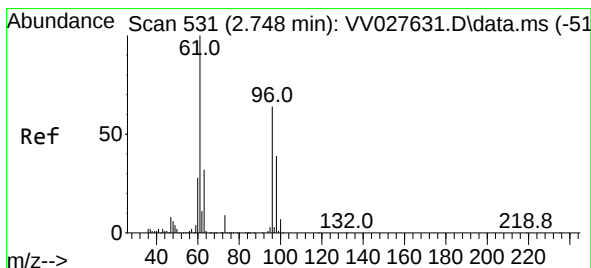
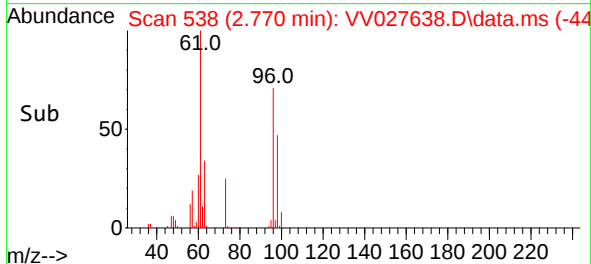
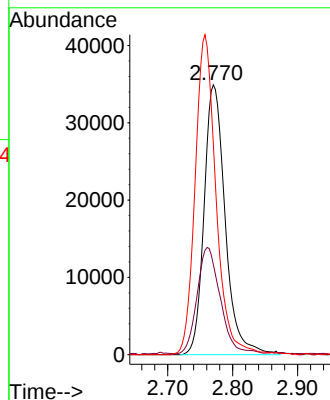
Tgt Ion: 73 Resp: 79093

Ion Ratio Lower Upper

73 100

43 43.2 16.5 24.7#

57 116.8 18.2 27.2#



#18

trans-1,2-Dichloroethene

Concen: 29.381 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.006 min

Lab File: VV027638.D

Acq: 01 Sep 2022 00:42

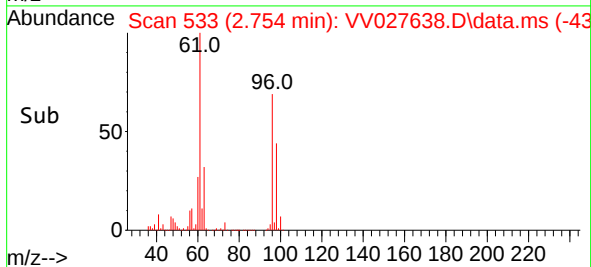
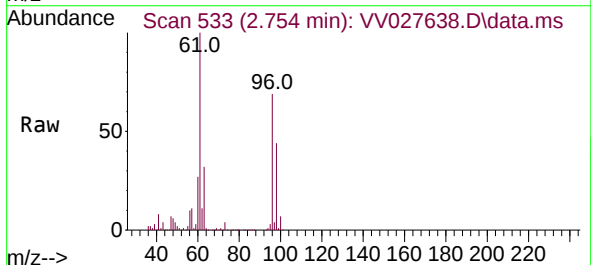
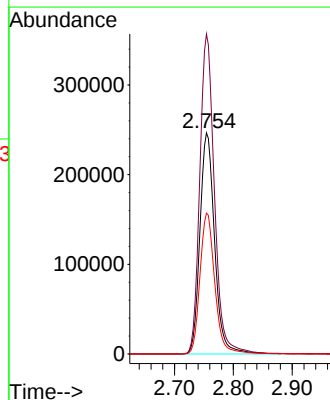
Tgt Ion: 96 Resp: 427887

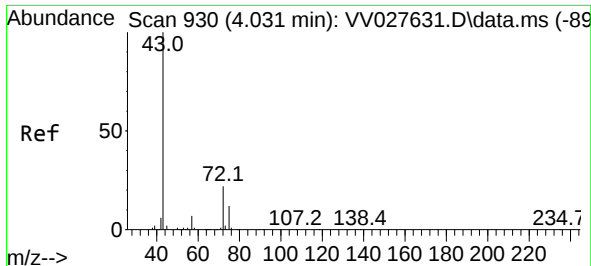
Ion Ratio Lower Upper

96 100

61 144.7 101.8 189.0

98 63.6 44.9 83.3

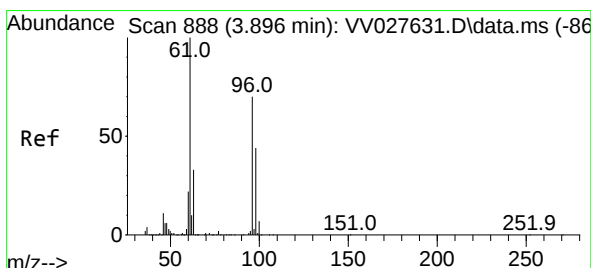
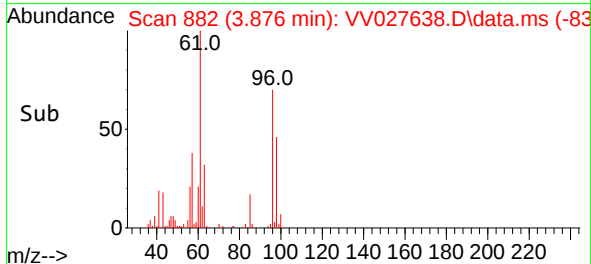
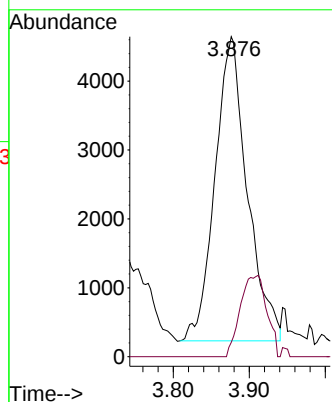
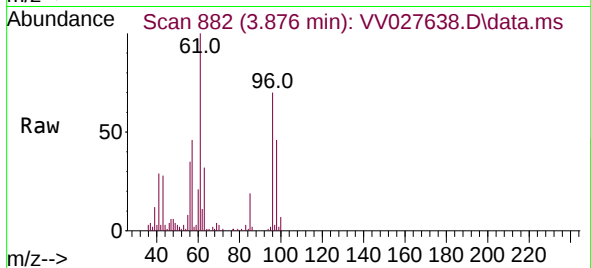




#21
2-Butanone
Concen: 5.020 ug/L
RT: 3.876 min Scan# 880
Delta R.T. -0.154 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

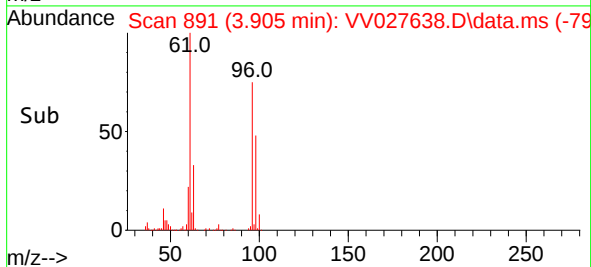
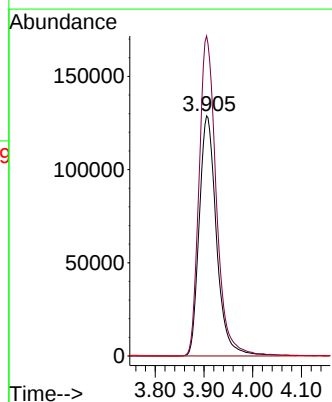
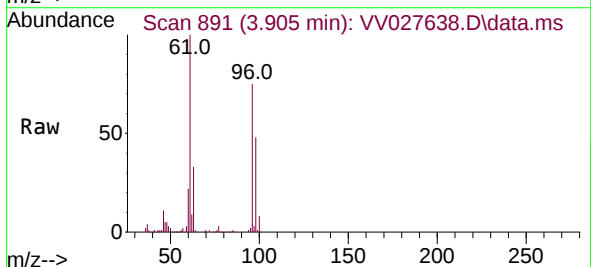
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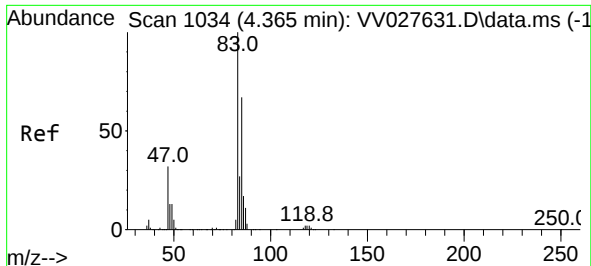
Tgt Ion: 43 Resp: 13024
Ion Ratio Lower Upper
43 100
72 21.9 8.3 24.9



#22
cis-1,2-Dichloroethene
Concen: 21.781 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

Tgt Ion: 96 Resp: 316589
Ion Ratio Lower Upper
96 100
61 133.2 96.9 180.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.080 ug/L

RT: 4.375 min Scan# 1129

Delta R.T. 0.010 min

Lab File: VV027638.D

Acq: 01 Sep 2022 00:42

Instrument :

MSVOA_V

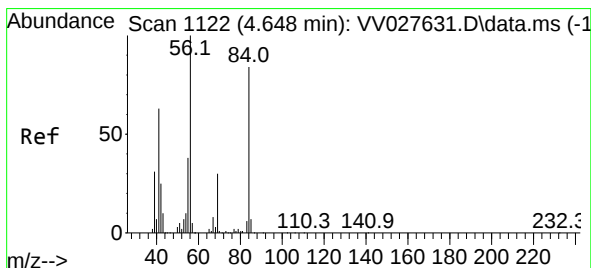
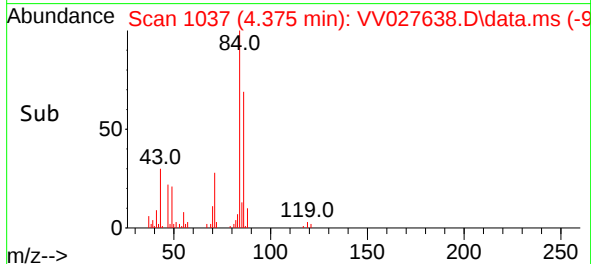
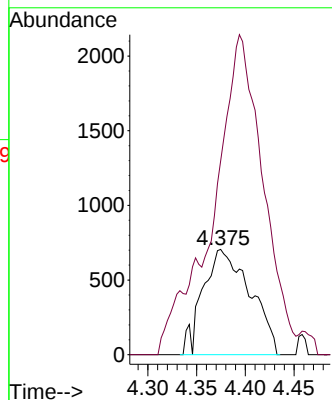
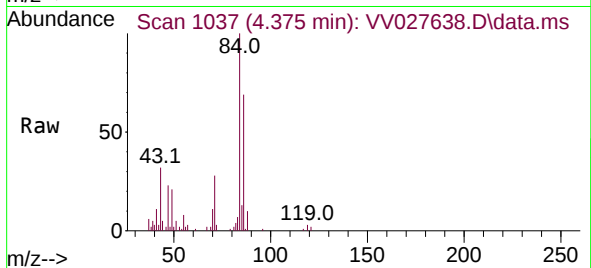
ClientSampleId :

Tgt Ion: 83 Resp: 2387

Ion Ratio Lower Upper

83 100

85 184.3 44.7 83.1#



#30

Cyclohexane

Concen: 0.445 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.022 min

Lab File: VV027638.D

Acq: 01 Sep 2022 00:42

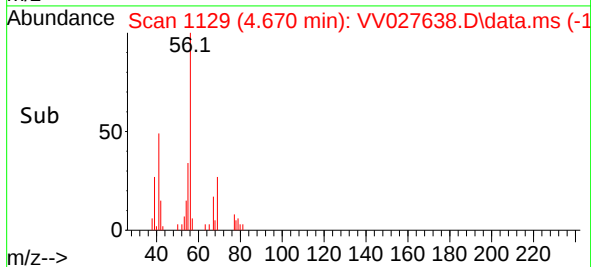
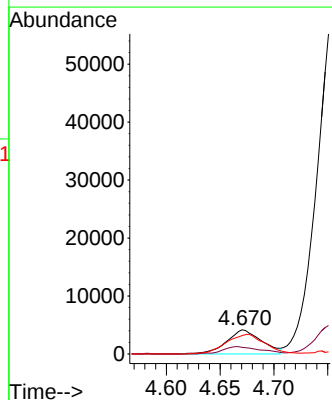
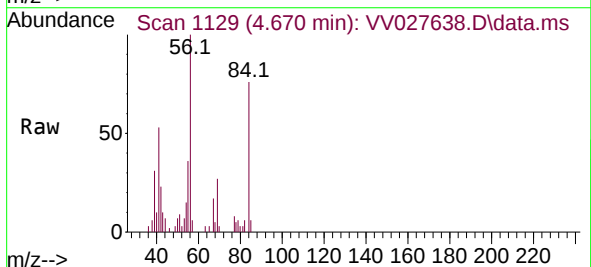
Tgt Ion: 56 Resp: 9427

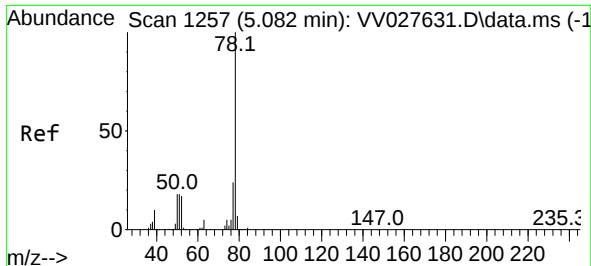
Ion Ratio Lower Upper

56 100

69 33.4 24.1 36.1

84 90.3 66.9 100.3

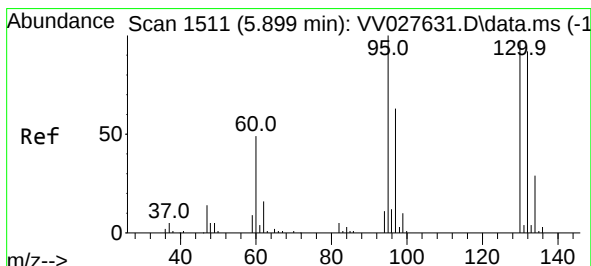
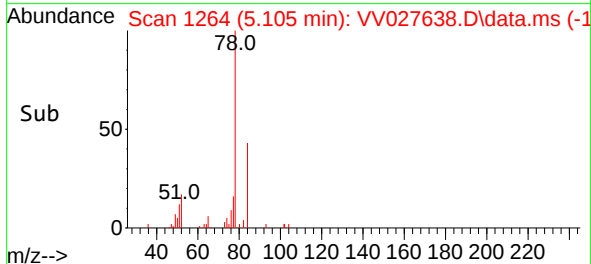
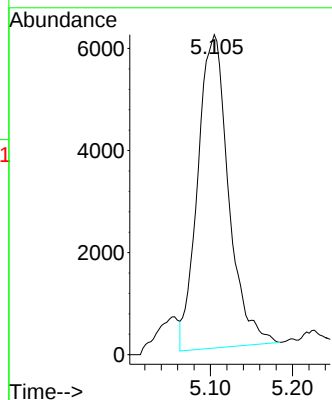
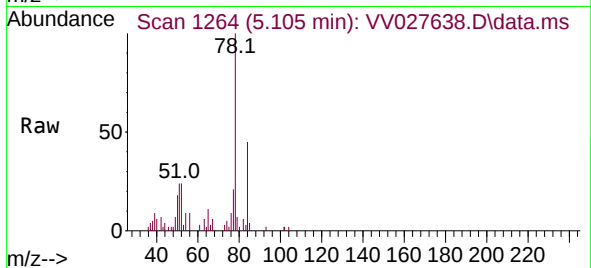




#33
Benzene
Concen: 0.283 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

Instrument :
MSVOA_V
ClientSampleId :

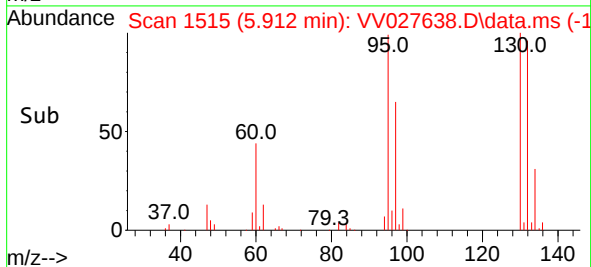
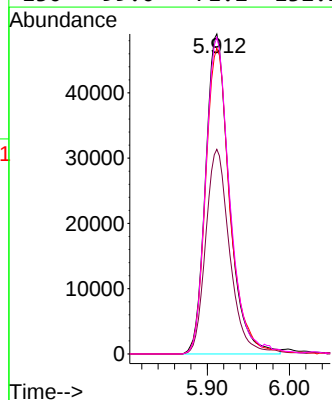
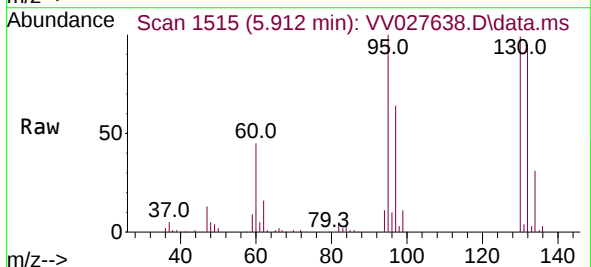
Tgt Ion: 78 Resp: 16024

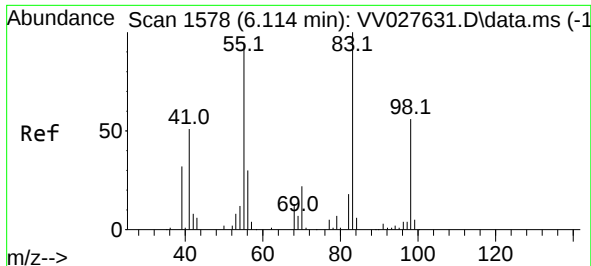


#34
Trichloroethene
Concen: 7.103 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.013 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

Tgt Ion: 95 Resp: 98982

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.1	85.5
132	95.5	67.3	125.1
130	99.0	71.2	132.2

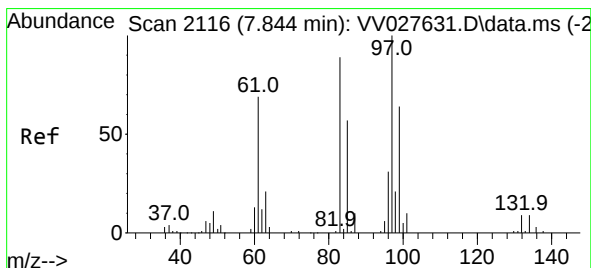
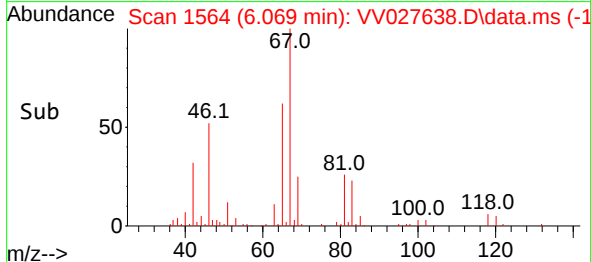
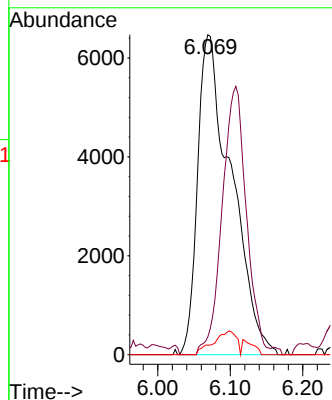
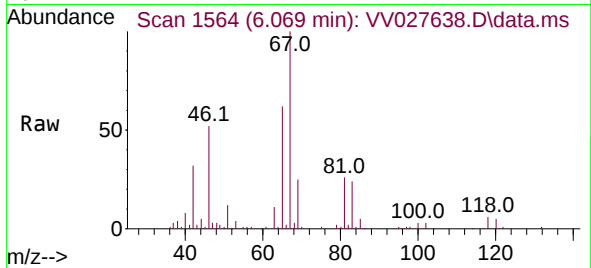




#35
Methylcyclohexane
Concen: 0.961 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.045 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

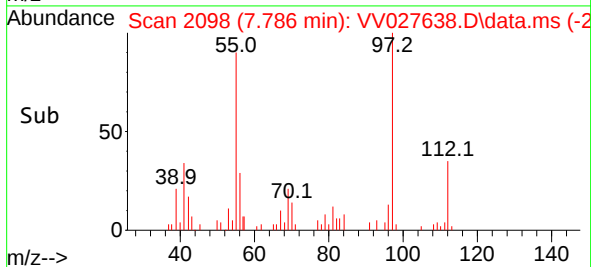
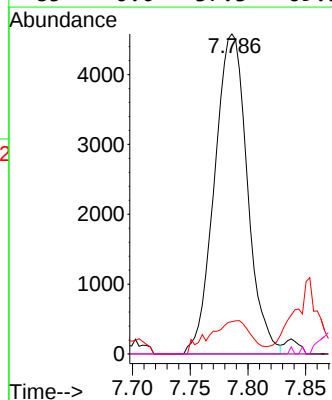
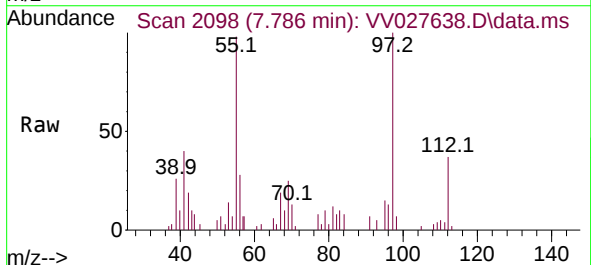
Instrument :
MSVOA_V
ClientSampleId :

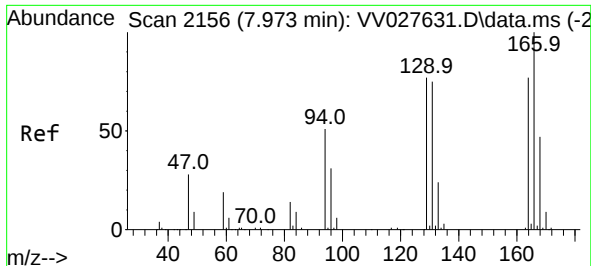
Tgt Ion: 83 Resp: 20790
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 5.0 36.9 55.3#



#45
1,1,2-Trichloroethane
Concen: 0.981 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. -0.058 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

Tgt Ion: 97 Resp: 9056
Ion Ratio Lower Upper
97 100
99 0.0 41.3 76.7#
83 10.1 57.5 106.9#
85 0.0 37.3 69.3#





#47

Tetrachloroethene

Concen: 0.382 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

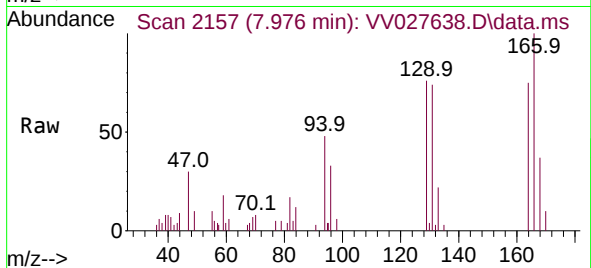
Lab File: VV027638.D

Acq: 01 Sep 2022 00:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 4316

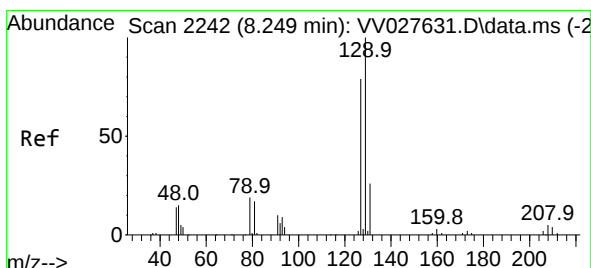
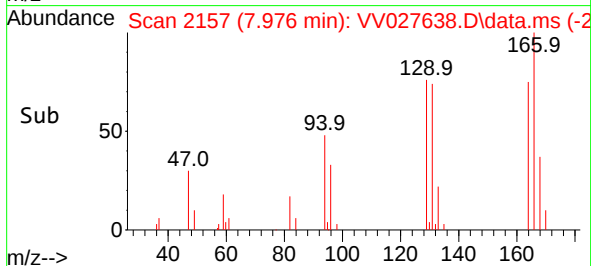
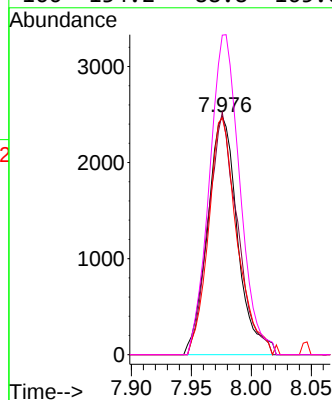
Ion Ratio Lower Upper

164 100

129 101.7 65.9 122.3

131 99.5 64.5 119.7

166 134.2 88.8 165.0



#49

Dibromochloromethane

Concen: 0.370 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV027638.D

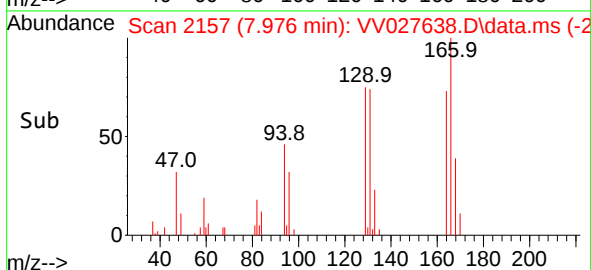
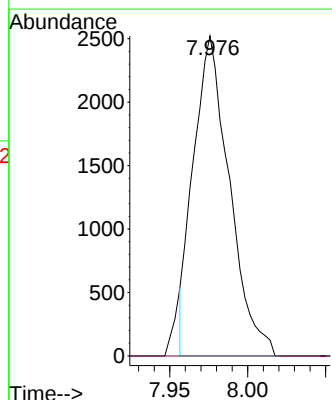
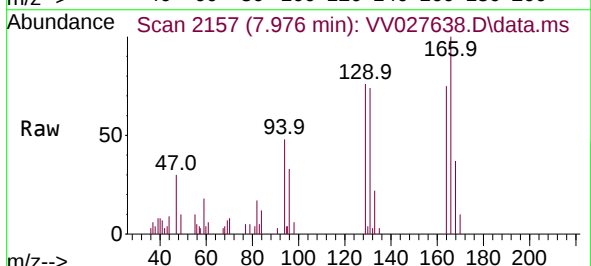
Acq: 01 Sep 2022 00:42

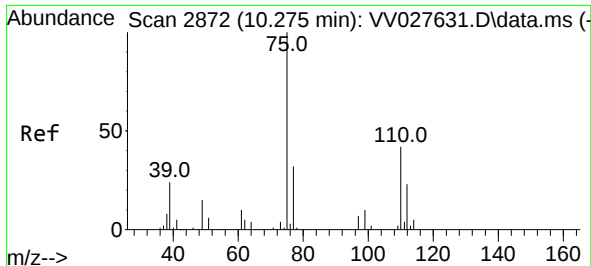
Tgt Ion:129 Resp: 4045

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#

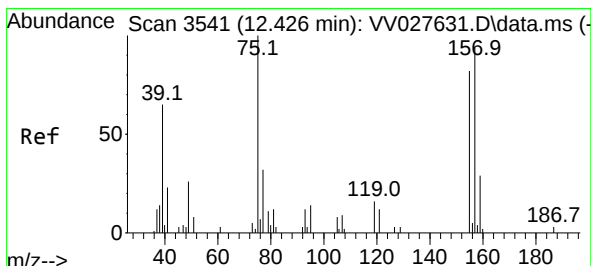
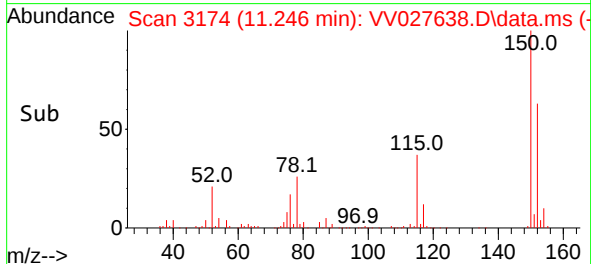
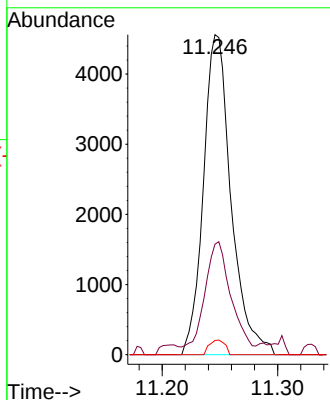
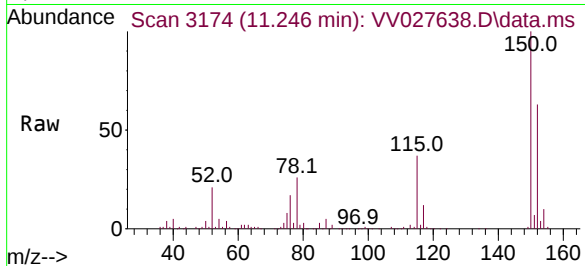




#61
1,2,3-Trichloropropane
Concen: 1.267 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7600
Ion Ratio Lower Upper
75 100
77 34.7 25.8 38.6
110 2.6 29.8 44.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.371 ug/L
RT: 12.554 min Scan# 3581
Delta R.T. 0.129 min
Lab File: VV027638.D
Acq: 01 Sep 2022 00:42

Tgt Ion: 75 Resp: 443
Ion Ratio Lower Upper
75 100
155 0.0 56.4 84.6#
157 0.0 74.9 112.3#

