

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031623\
 Data File : VW030226.D
 Acq On : 16 Mar 2023 16:33
 Operator : SY/MD
 Sample : 01947-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB931

Quant Time: Mar 17 05:49:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	142935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	137686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43585	4.713	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.539	69	39480	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.066	63	64943	3.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.822	46	96200	56.417	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.840%
24) Chloroform-d	4.262	84	85192	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.953	65	42628	5.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	4.973	84	160761	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.998	67	51337	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.252	98	141672	4.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.564	79	17674	4.635	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.037	63	76190	48.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35835	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	57085	4.452	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.114	85	941	0.081	ug/L #	88
3) Chloromethane	1.217	50	4601	0.251	ug/L	92
5) Vinyl chloride	1.388	62	3072	0.252	ug/L	89
6) Bromomethane	1.494	94	496	0.227	ug/L	91
8) Chloroethane	1.520	64	21480	2.895	ug/L #	56
14) Carbon disulfide	2.249	76	2480	0.097	ug/L #	92
17) Methyl tert-butyl Ether	2.716	73	85490	4.557	ug/L #	91
33) Benzene	5.027	78	3946	0.105	ug/L	100
35) Methylcyclohexane	6.060	83	2620	0.164	ug/L #	72
42) Toluene	7.333	91	6075	0.149	ug/L	92
44) trans-1,3-Dichloropropene	7.564	75	923	0.084	ug/L #	52
51) Chlorobenzene	8.825	112	53374	1.943	ug/L	96
53) m,p-Xylene	9.088	106	1063	0.062	ug/L	67
54) o-Xylene	9.487	106	1314	0.081	ug/L	79
61) 1,2,3-Trichloropropane	11.194	75	9700	1.912	ug/L #	64
65) 1,4-Dichlorobenzene	11.220	146	2188	0.096	ug/L	99

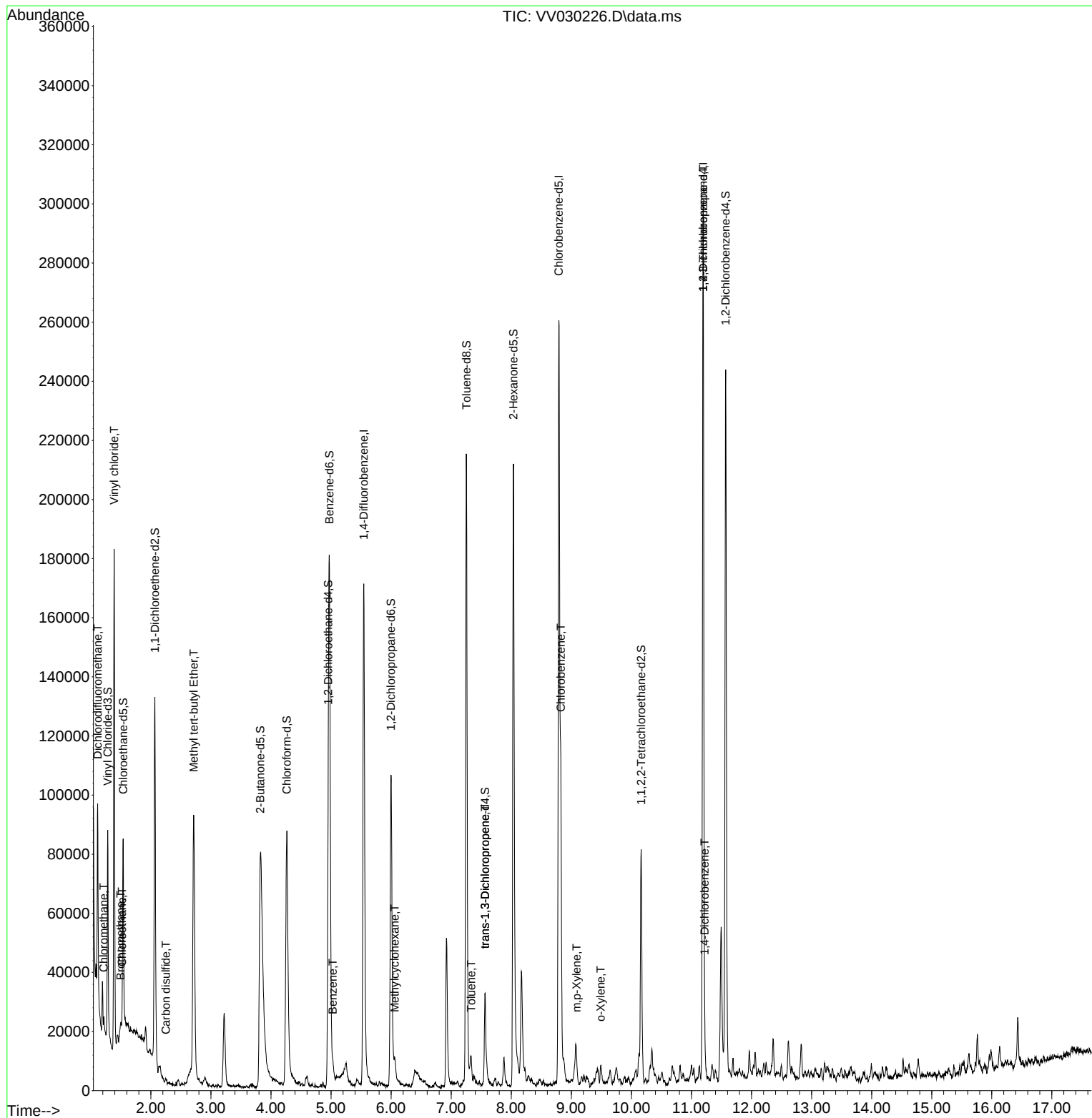
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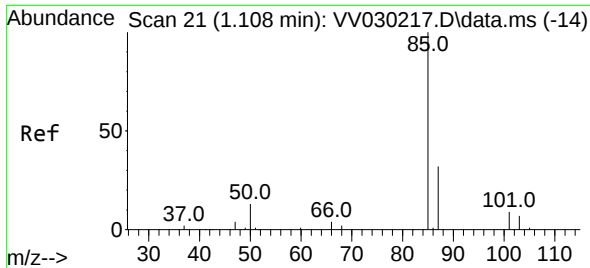
Instrument :
MSVOA_V
ClientSampleId :
CB931

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Data File : VV030226.D
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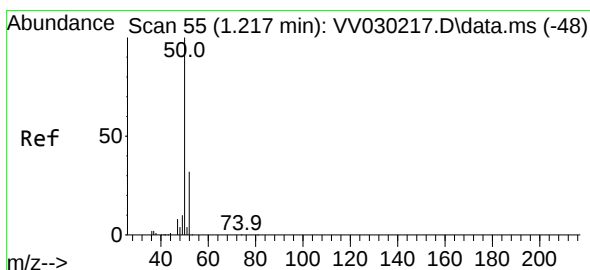
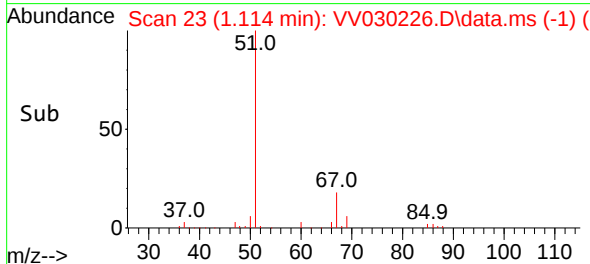
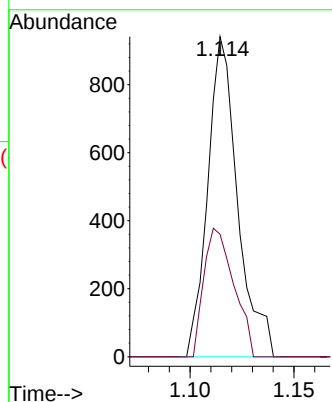
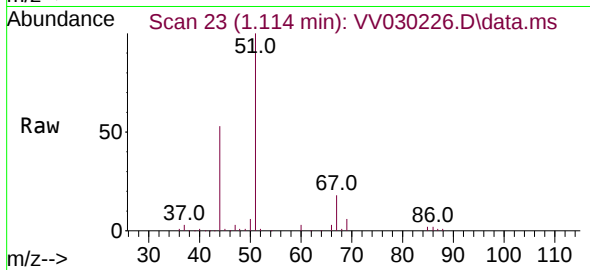




#2
 Dichlorodifluoromethane
 Concen: 0.081 ug/L
 RT: 1.114 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV030226.D
 Acq: 16 Mar 2023 16:33

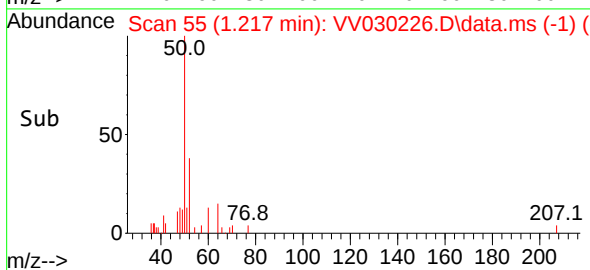
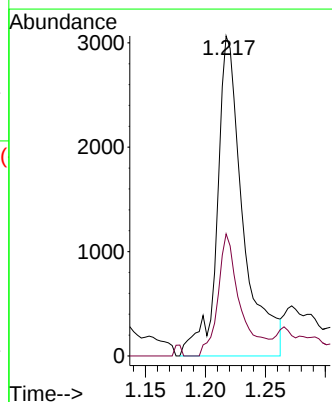
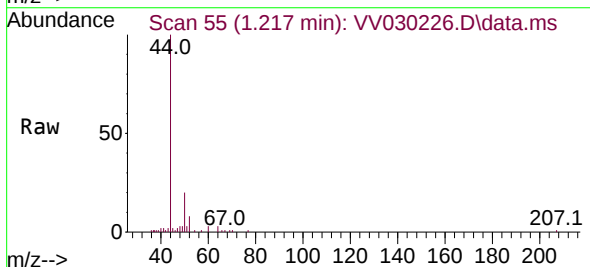
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 ClientSampleId :
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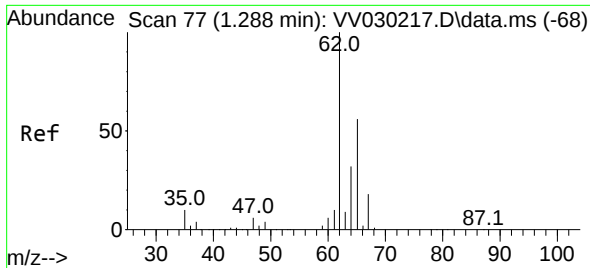
Tgt Ion: 85 Resp: 941
 Ion Ratio Lower Upper
 85 100
 87 40.2 26.6 39.8#



#3
 Chloromethane
 Concen: 0.251 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030226.D
 Acq: 16 Mar 2023 16:33

Tgt Ion: 50 Resp: 4601
 Ion Ratio Lower Upper
 50 100
 52 38.2 23.6 43.8

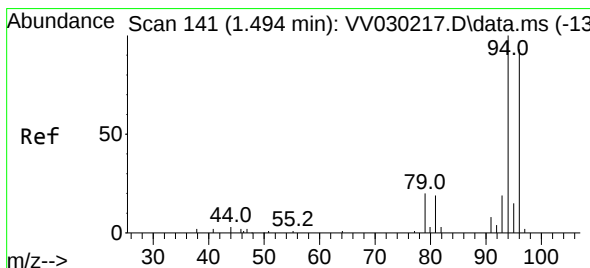
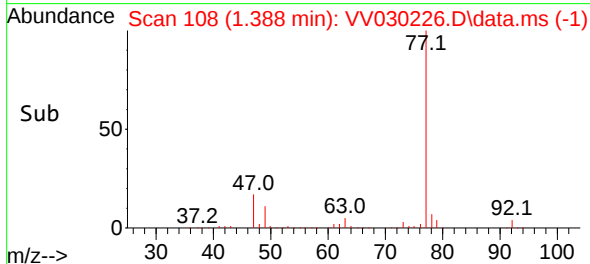
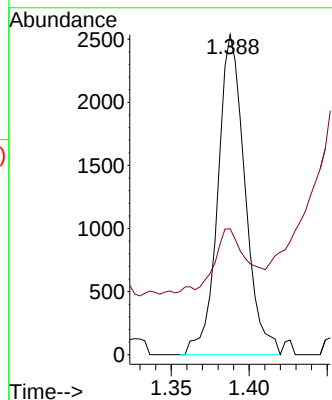
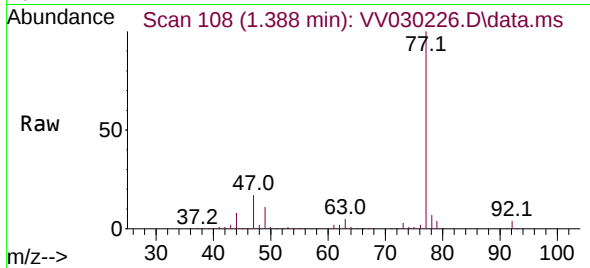




#5
 Vinyl chloride
 Concen: 0.252 ug/L
 RT: 1.388 min Scan# 108
 Delta R.T. 0.100 min
 Lab File: VV030226.D
 Acq: 16 Mar 2023 16:33

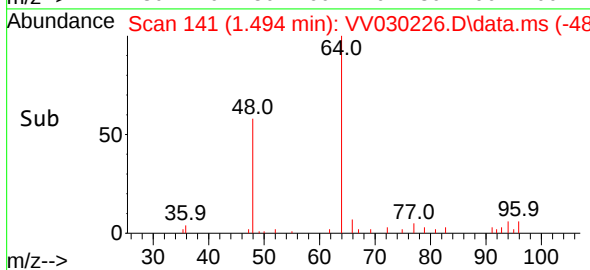
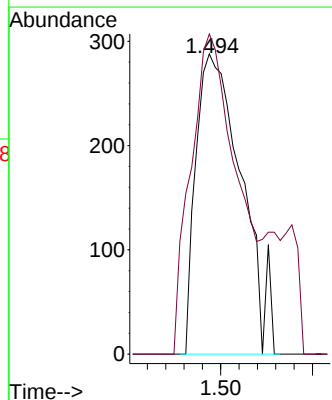
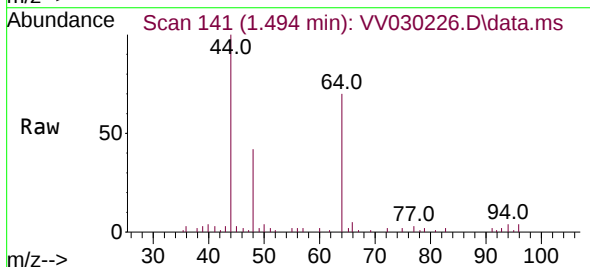
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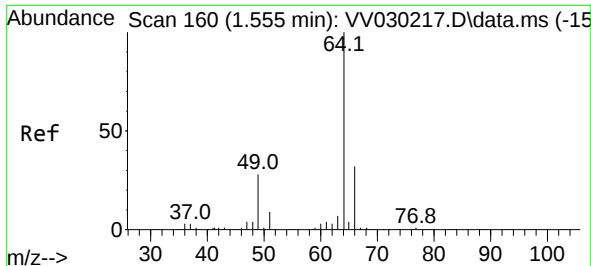
Tgt Ion: 62 Resp: 3072
 Ion Ratio Lower Upper
 62 100
 64 39.4 23.1 42.9



#6
 Bromomethane
 Concen: 0.227 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VV030226.D
 Acq: 16 Mar 2023 16:33

Tgt Ion: 94 Resp: 496
 Ion Ratio Lower Upper
 94 100
 96 106.6 68.4 127.0

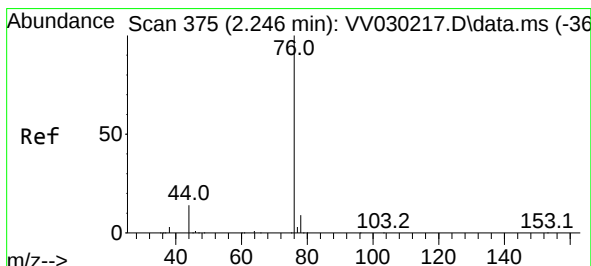
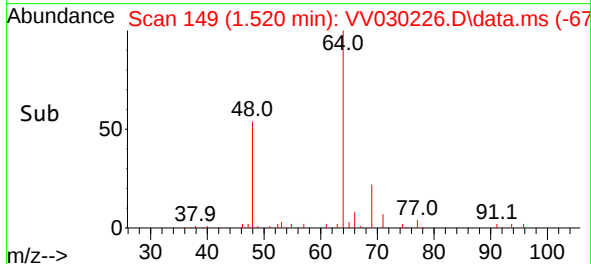
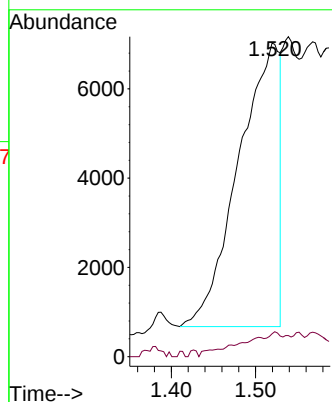
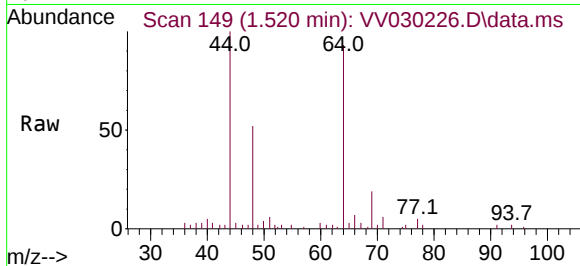




#8
Chloroethane
Concen: 2.895 ug/L
RT: 1.520 min Scan# 14
Delta R.T. -0.035 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

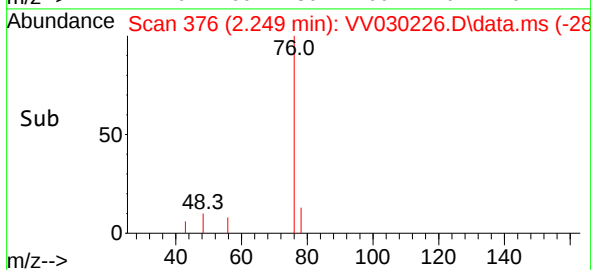
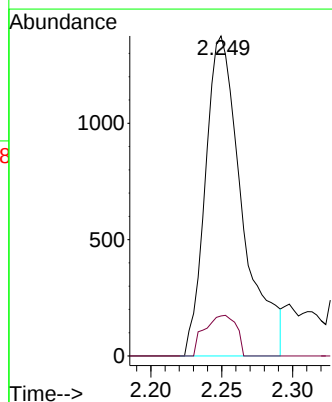
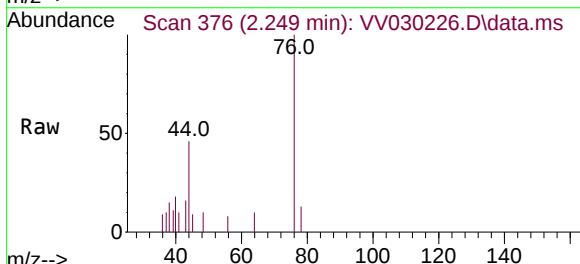
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MSVOA_V
ClientSampleId :
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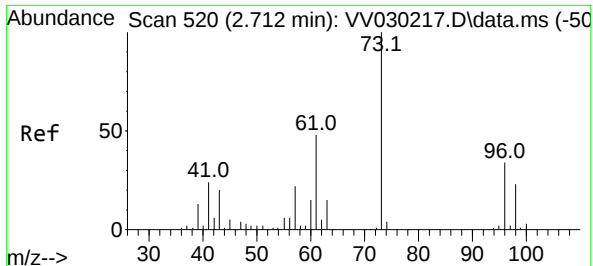
Tgt Ion: 64 Resp: 21480
Ion Ratio Lower Upper
64 100
66 7.3 22.4 41.6#



#14
Carbon disulfide
Concen: 0.097 ug/L
RT: 2.249 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

Tgt Ion: 76 Resp: 2480
Ion Ratio Lower Upper
76 100
78 12.5 7.7 11.5#





#17

Methyl tert-butyl Ether

Concen: 4.557 ug/L

RT: 2.716 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV030226.D

Acq: 16 Mar 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

CB931

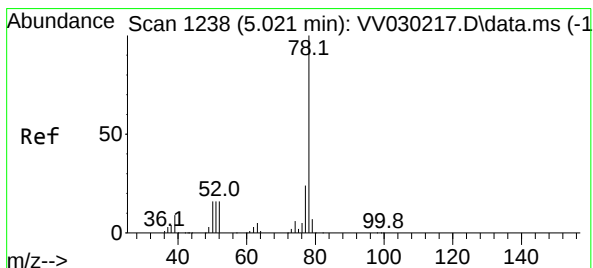
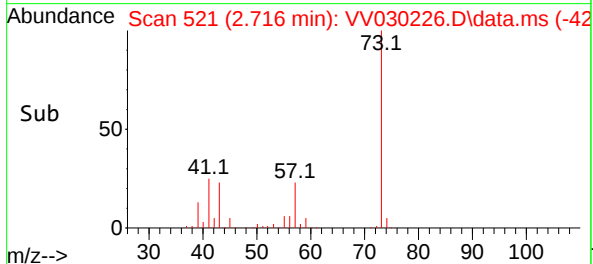
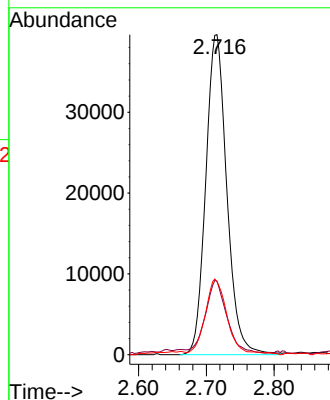
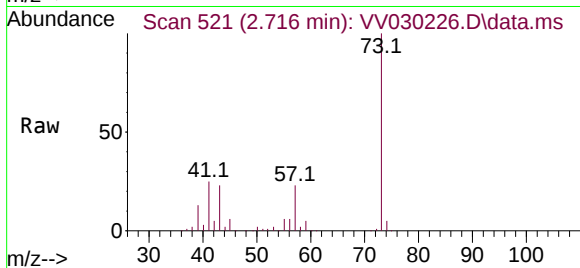
Tgt Ion: 73 Resp: 85490

Ion Ratio Lower Upper

73 100

43 23.0 13.4 20.2#

57 22.8 16.8 25.2



#33

Benzene

Concen: 0.105 ug/L

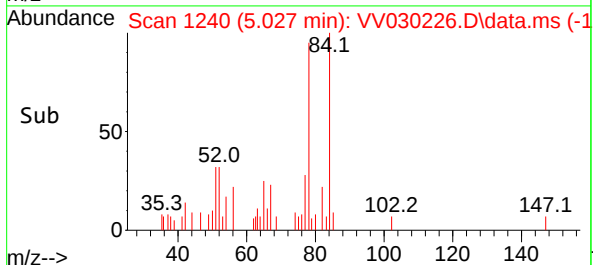
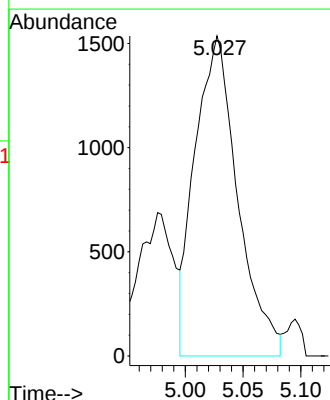
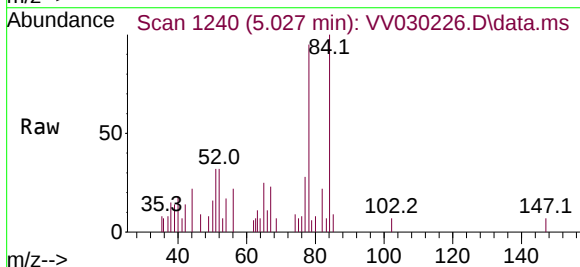
RT: 5.027 min Scan# 1240

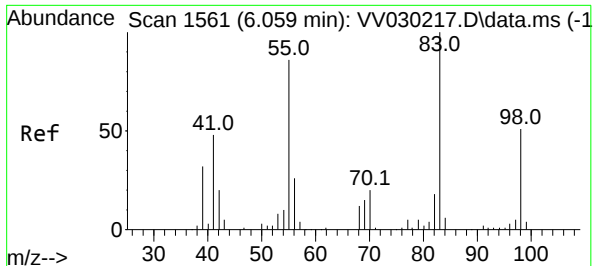
Delta R.T. 0.007 min

Lab File: VV030226.D

Acq: 16 Mar 2023 16:33

Tgt Ion: 78 Resp: 3946





#35

Methylcyclohexane

Concen: 0.164 ug/L

RT: 6.060 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030226.D

Acq: 16 Mar 2023 16:33

Instrument :

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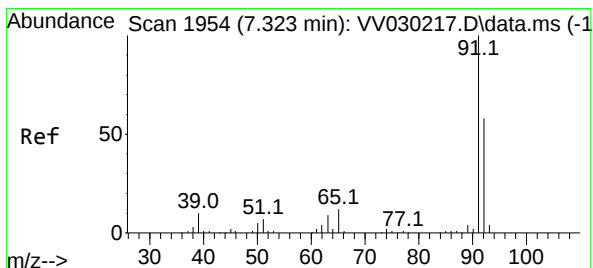
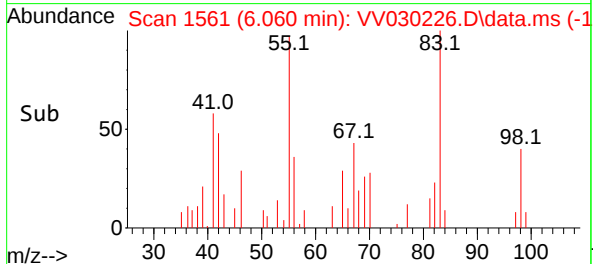
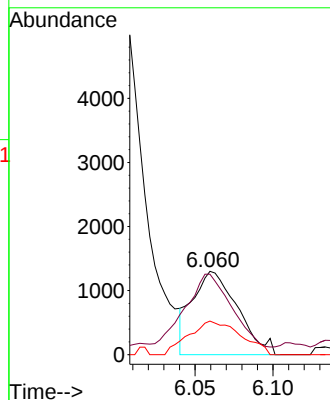
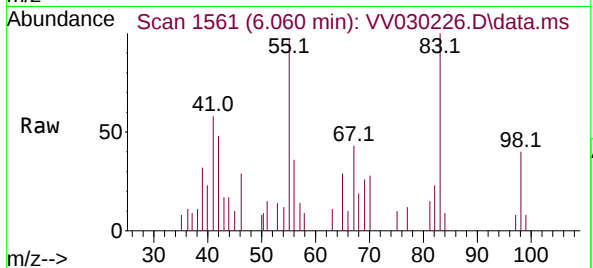
Tgt Ion: 83 Resp: 2620

Ion Ratio Lower Upper

83 100

55 109.5 57.6 86.4#

98 46.4 38.8 58.2



#42

Toluene

Concen: 0.149 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.010 min

Lab File: VV030226.D

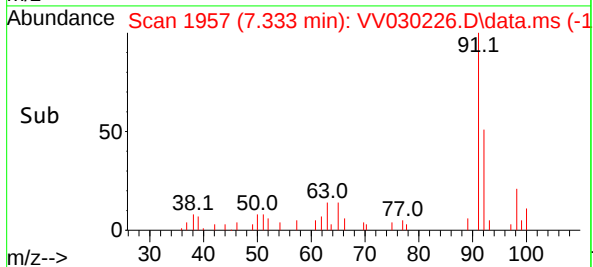
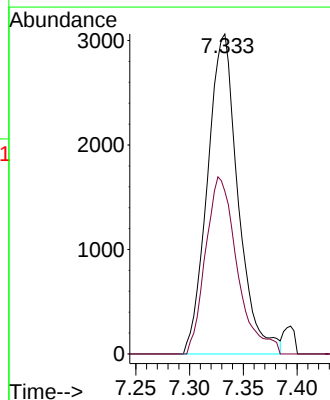
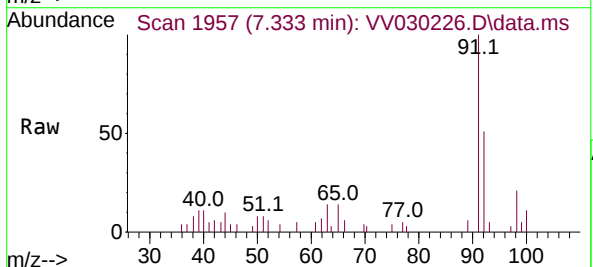
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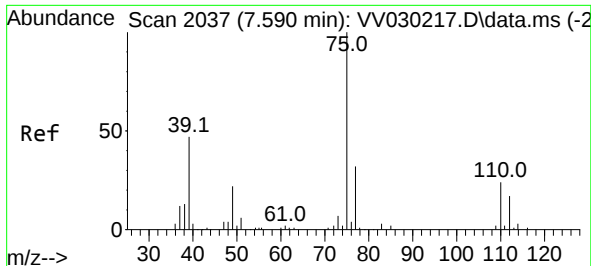
Tgt Ion: 91 Resp: 6075

Ion Ratio Lower Upper

91 100

92 50.8 39.6 73.6

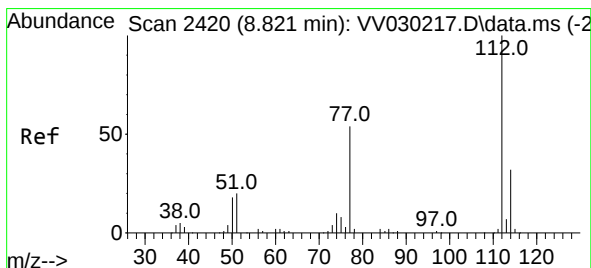
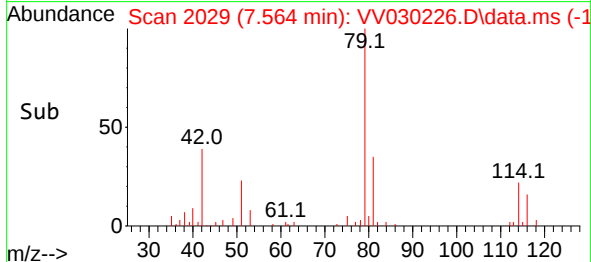
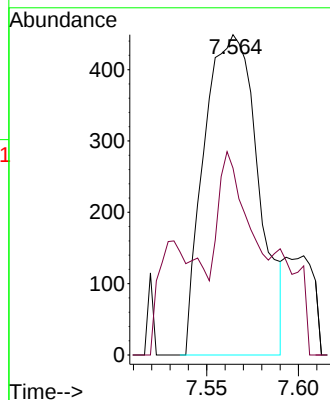
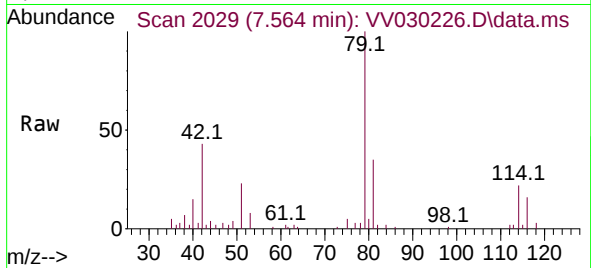




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.564 min Scan# 2037
Delta R.T. -0.025 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

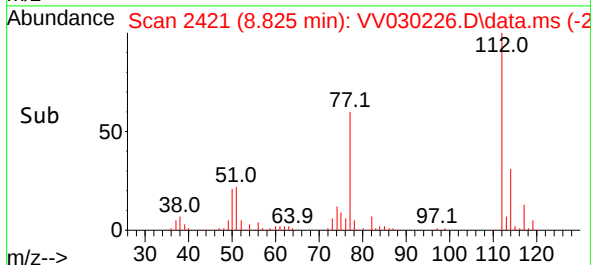
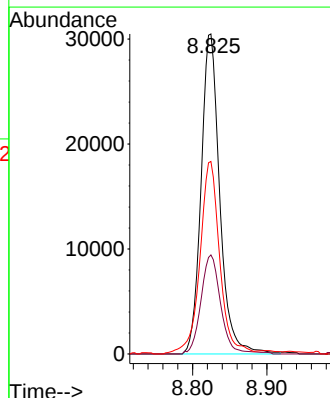
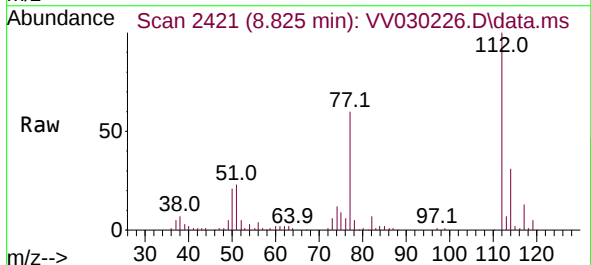
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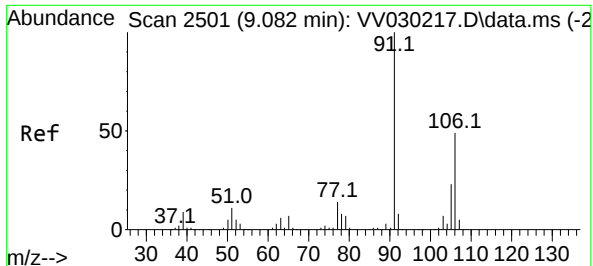
Tgt Ion: 75 Resp: 923
Ion Ratio Lower Upper
75 100
77 58.4 22.1 41.1#



#51
Chlorobenzene
Concen: 1.943 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

Tgt Ion: 112 Resp: 53374
Ion Ratio Lower Upper
112 100
114 30.9 22.5 41.7
77 60.2 45.3 67.9

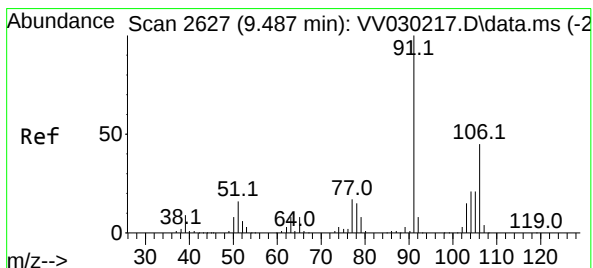
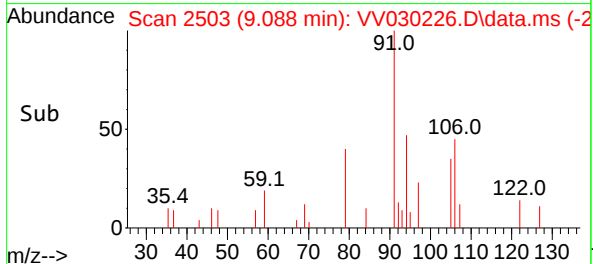
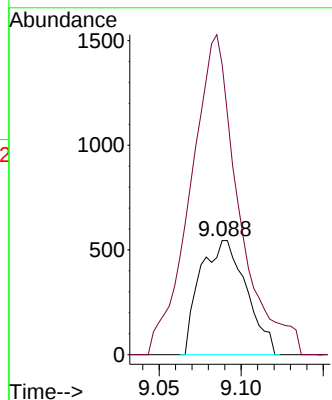
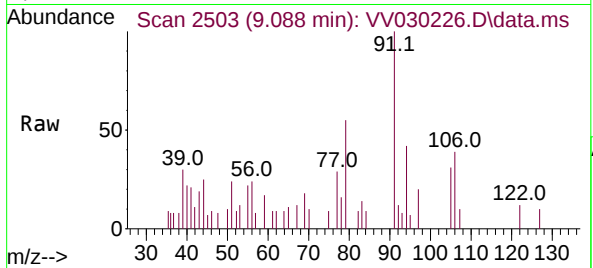




#53
m,p-Xylene
Concen: 0.062 ug/L
RT: 9.088 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

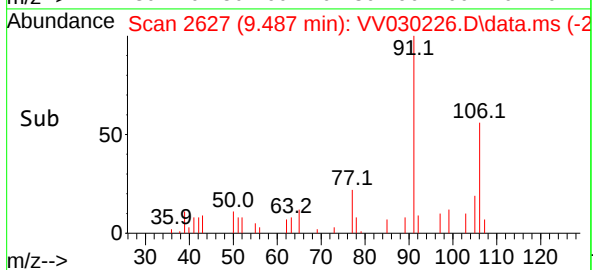
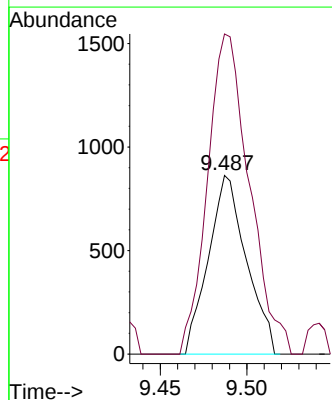
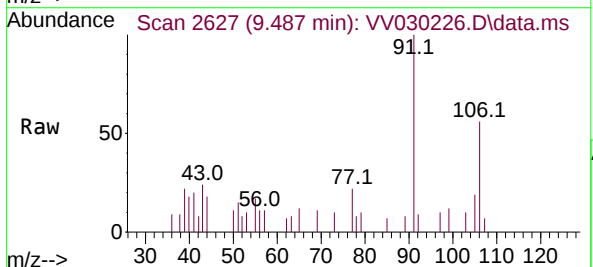
Instrument :
MSVOA_V
ClientSampleId :
CB931

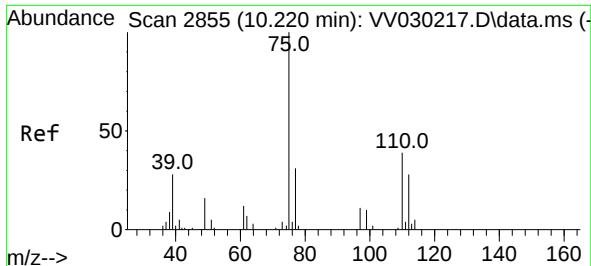
Tgt Ion:106 Resp: 1063
Ion Ratio Lower Upper
106 100
91 254.5 142.5 264.7



#54
o-Xylene
Concen: 0.081 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

Tgt Ion:106 Resp: 1314
Ion Ratio Lower Upper
106 100
91 179.1 148.8 276.4

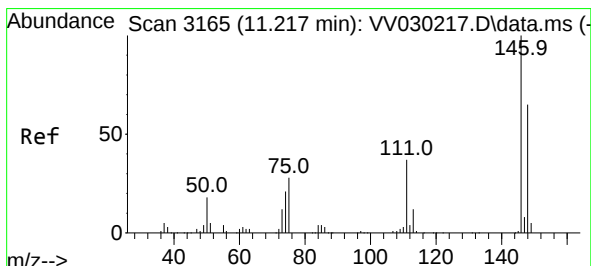
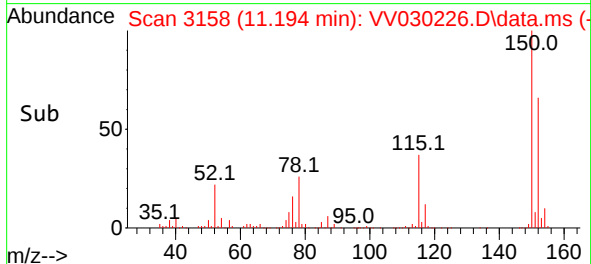
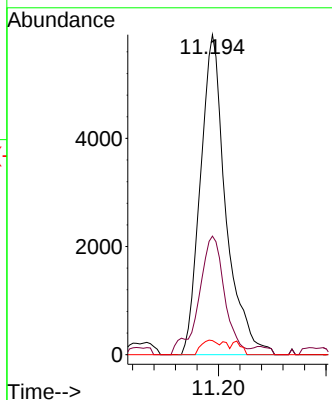
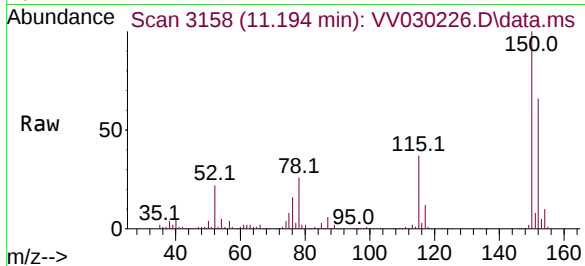




#61
1,2,3-Trichloropropane
Concen: 1.912 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.974 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
CB931

Tgt Ion: 75 Resp: 9700
Ion Ratio Lower Upper
75 100
77 37.5 26.5 39.7
110 3.0 31.8 47.6#



#65
1,4-Dichlorobenzene
Concen: 0.096 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030226.D
Acq: 16 Mar 2023 16:33

Tgt Ion: 146 Resp: 2188
Ion Ratio Lower Upper
146 100
111 38.4 27.4 51.0
148 62.9 44.1 81.9

