

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028204.D
 Acq On : 29 Sep 2022 22:31
 Operator : SY/MD
 Sample : N4870-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H09

Quant Time: Sep 30 01:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	141726	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	140729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68138	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	57688	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.101	63	96216	3.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.892	46	112919	45.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.040%
24) Chloroform-d	4.342	84	116281	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.027	65	48669	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.043	84	210270	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.063	67	61424	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.310	98	178949	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.622	79	20958	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.085	63	87163	40.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44388	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	70827	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	984	0.090	ug/L	# 5
8) Chloroethane	1.571	64	12015	1.630	ug/L	# 60
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	987	0.098	ug/L	# 20
12) 1,1-Dichloroethene	2.101	96	1146	0.117	ug/L	# 1
17) Methyl tert-butyl Ether	2.764	73	1734	0.082	ug/L	# 83
18) trans-1,2-Dichloroethene	2.757	96	651	0.076	ug/L	# 76
22) cis-1,2-Dichloroethene	3.905	96	67517	6.001	ug/L	96
25) Chloroform	4.365	83	2131	0.106	ug/L	99
34) Trichloroethene	5.908	95	32909	3.383	ug/L	93
35) Methylcyclohexane	6.066	83	15957	1.196	ug/L	# 16
37) 1,2-Dichloropropane	6.066	63	6303	0.575	ug/L	# 87
39) cis-1,3-Dichloropropene	6.979	75	1364	0.100	ug/L	# 54
47) Tetrachloroethene	7.973	164	22981	2.960	ug/L	91
49) Dibromochloromethane	7.973	129	18738	2.122	ug/L	# 11
61) 1,2,3-Trichloropropane	11.243	75	6189	1.031	ug/L	# 65
68) 1,2-Dibromo-3-chloropr...	12.239	75	168	0.128	ug/L	# 1

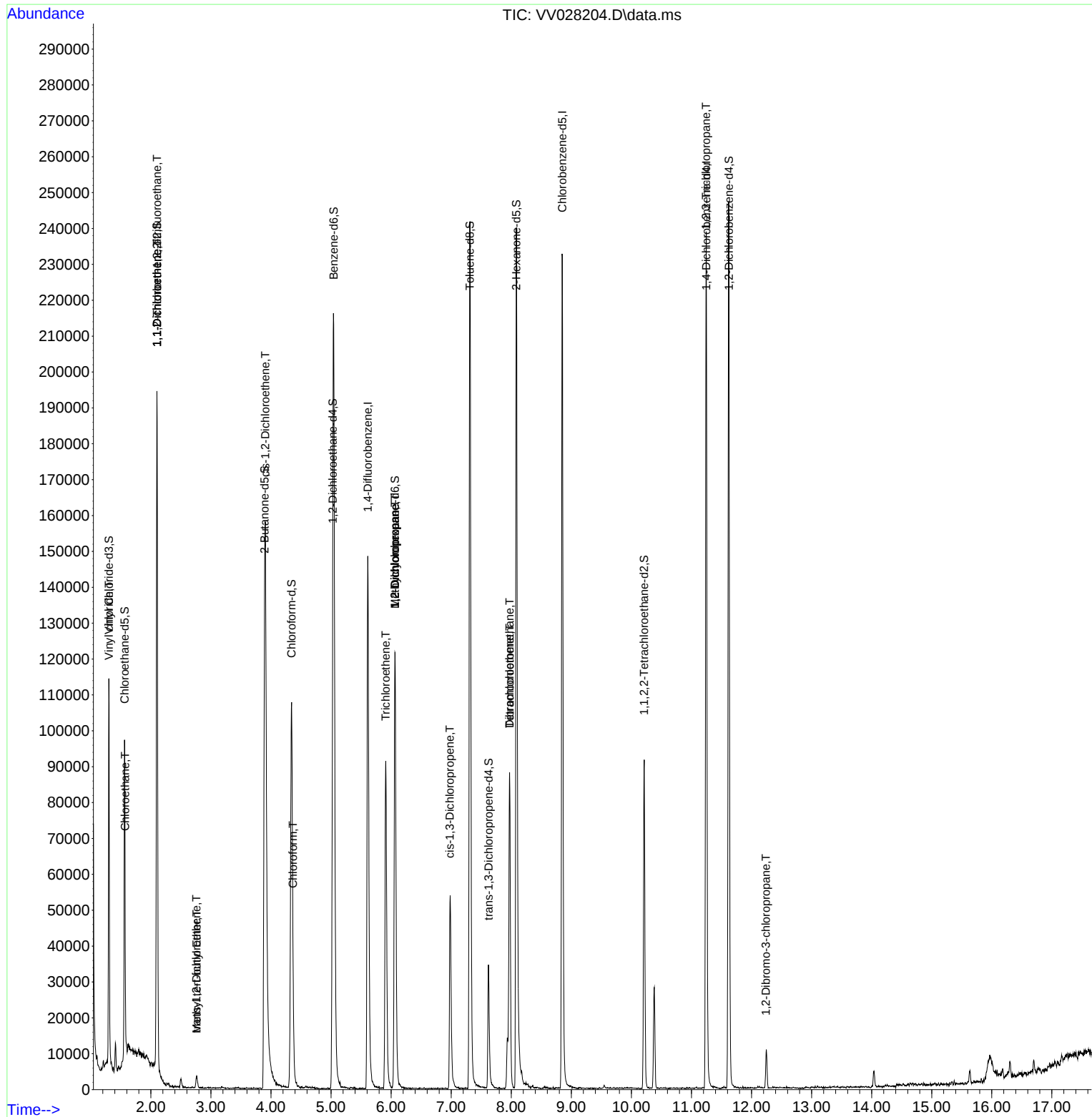
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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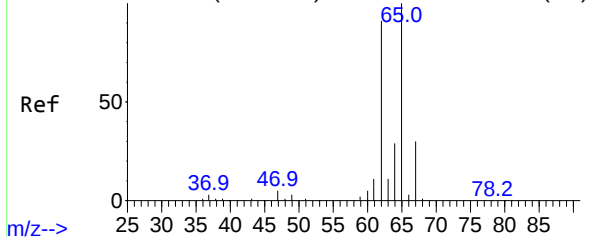
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QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



Abundance Scan 82 (1.304 min): VV028192.D\data.ms (-74)



#5

Vinyl chloride

Concen: 0.090 ug/L

RT: 1.304 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV028204.D

Acq: 29 Sep 2022 22:31

Instrument :

MSVOA_V

ClientSampleId :

F5H09

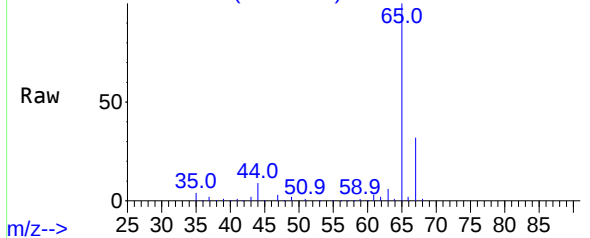
Tgt Ion: 62 Resp: 984

Ion Ratio Lower Upper

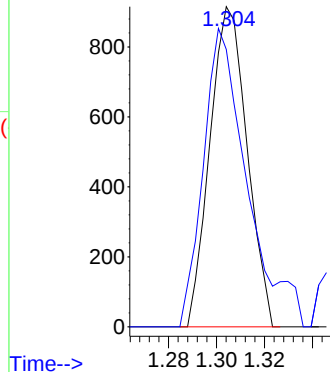
62 100

64 86.7 23.0 42.8#

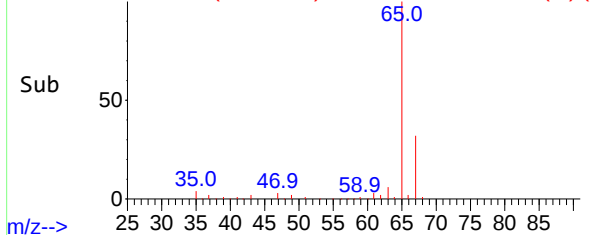
Abundance Scan 82 (1.304 min): VV028204.D\data.ms



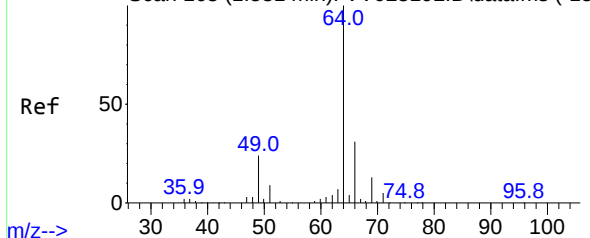
Abundance



Abundance Scan 82 (1.304 min): VV028204.D\data.ms (-1)



Abundance Scan 168 (1.581 min): VV028192.D\data.ms (-15)



#8

Chloroethane

Concen: 1.630 ug/L

RT: 1.571 min Scan# 165

Delta R.T. -0.006 min

Lab File: VV028204.D

Acq: 29 Sep 2022 22:31

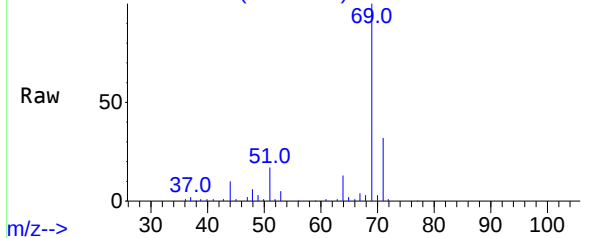
Tgt Ion: 64 Resp: 12015

Ion Ratio Lower Upper

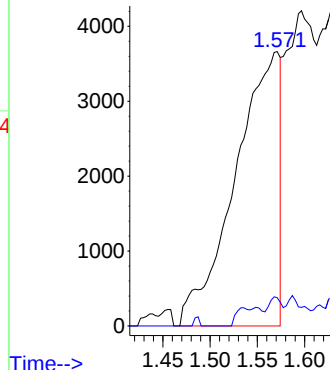
64 100

66 10.3 23.0 42.8#

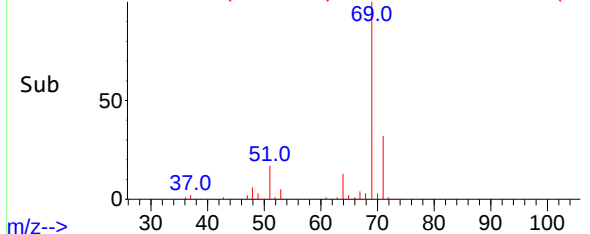
Abundance Scan 165 (1.571 min): VV028204.D\data.ms

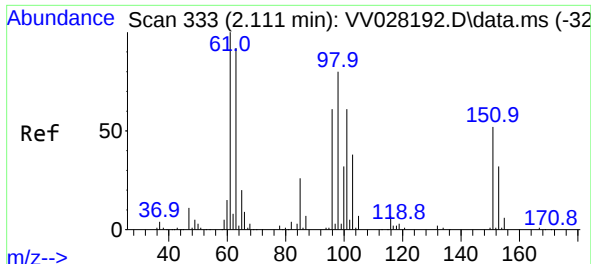


Abundance



Abundance Scan 165 (1.571 min): VV028204.D\data.ms (-74)

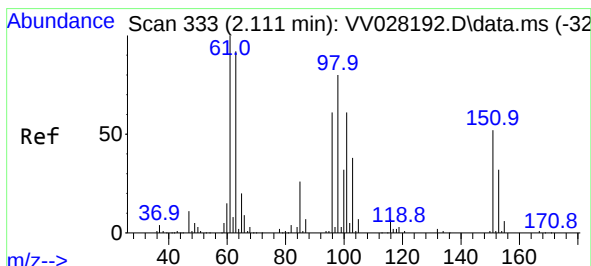
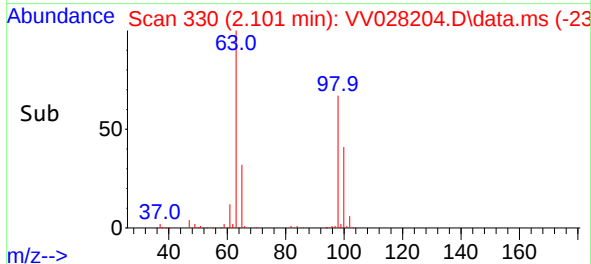
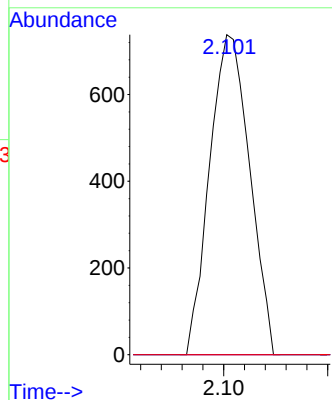
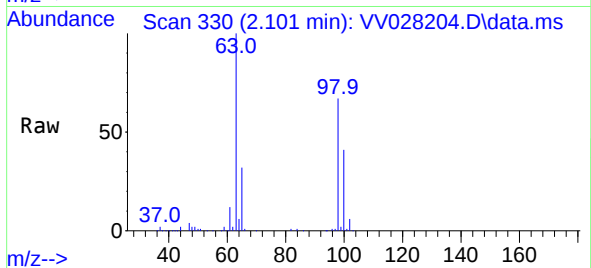




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.098 ug/L
RT: 2.101 min Scan# 310
Delta R.T. -0.006 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

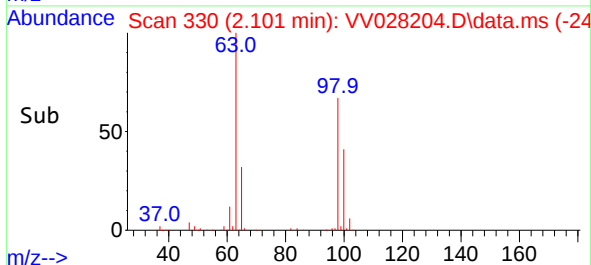
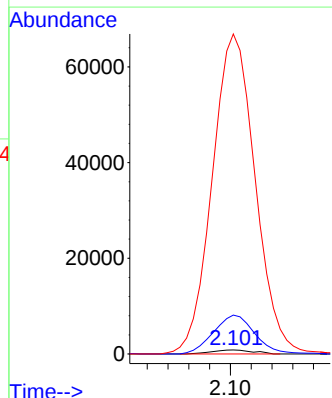
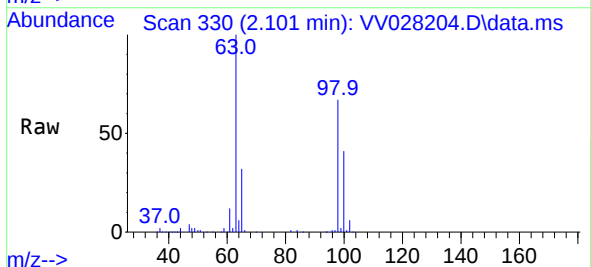
Instrument :
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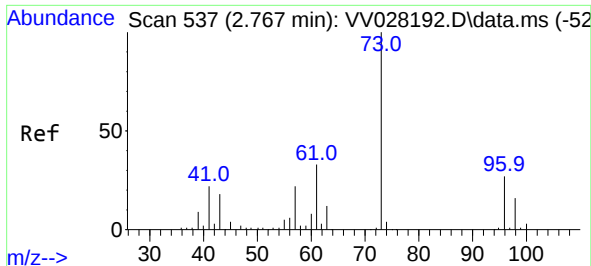
Tgt Ion:101 Resp: 987
Ion Ratio Lower Upper
101 100
85 2.0 34.4 51.6#
151 0.0 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.117 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion: 96 Resp: 1146
Ion Ratio Lower Upper
96 100
61 969.3 128.3 238.3#
63 7981.9 112.7 209.3#

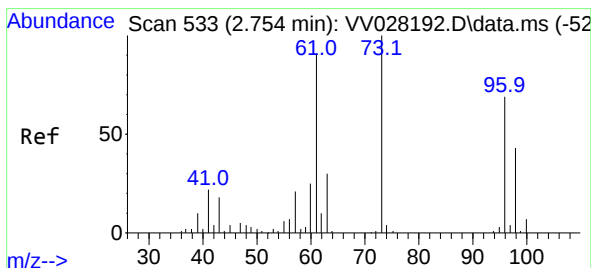
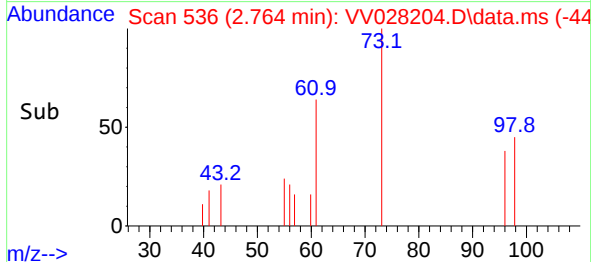
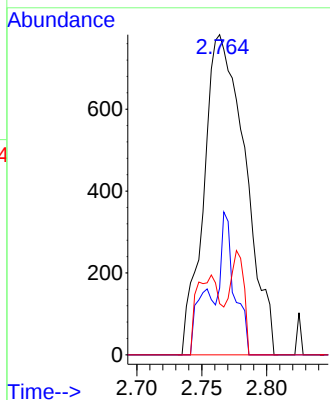
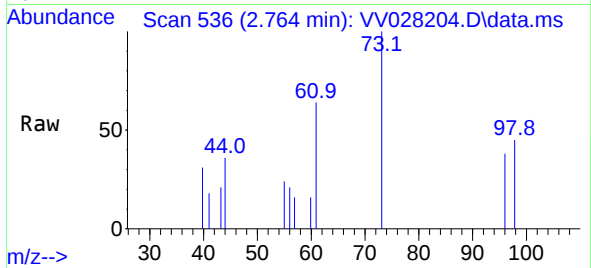




#17
Methyl tert-butyl Ether
Concen: 0.082 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

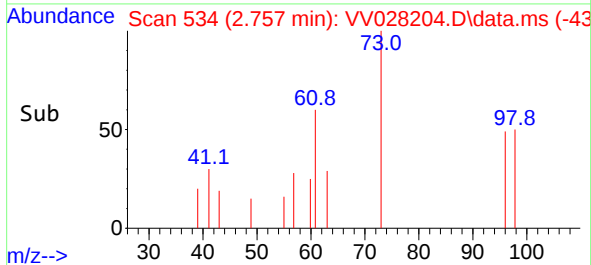
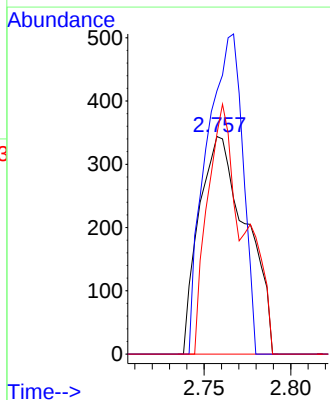
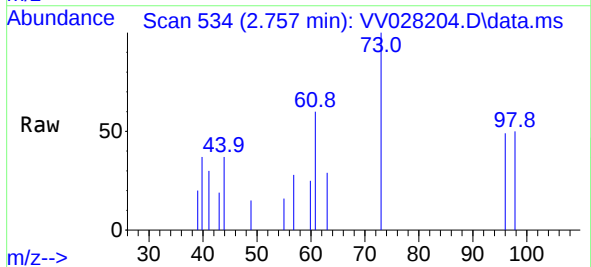
Instrument :
MSVOA_V
ClientSampleId :
F5H09

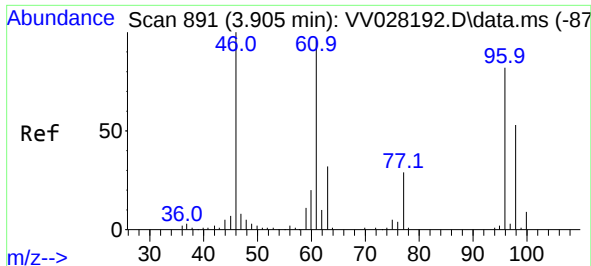
Tgt Ion: 73 Resp: 1734
Ion Ratio Lower Upper
73 100
43 15.1 15.7 23.5#
57 11.0 17.8 26.8#



#18
trans-1,2-Dichloroethene
Concen: 0.076 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion: 96 Resp: 651
Ion Ratio Lower Upper
96 100
61 120.9 96.2 178.6
98 101.2 45.7 84.9#

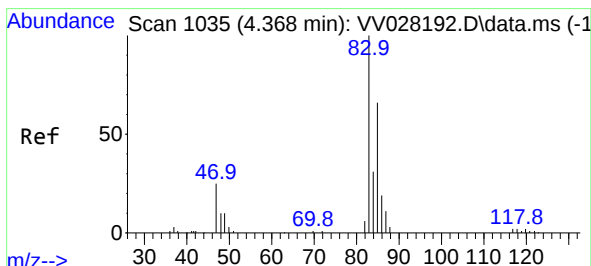
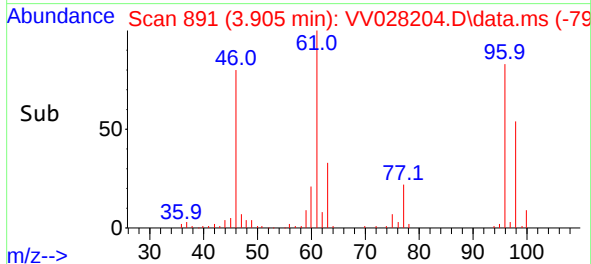
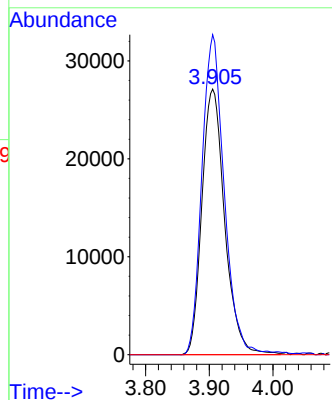
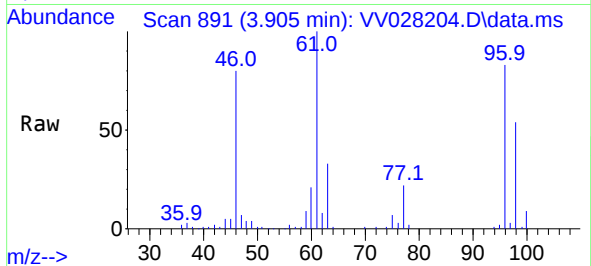




#22
cis-1,2-Dichloroethene
Concen: 6.001 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

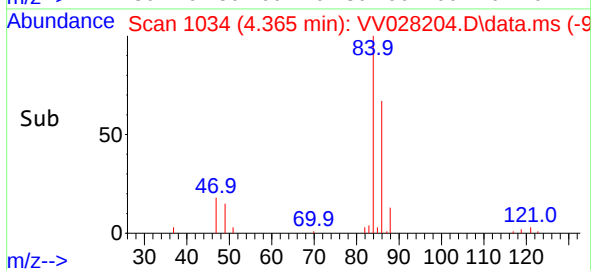
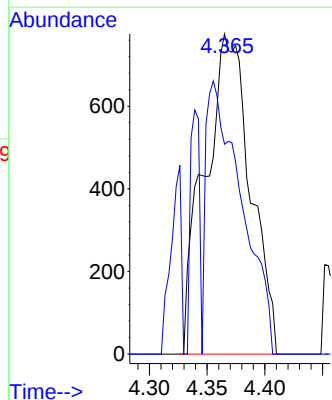
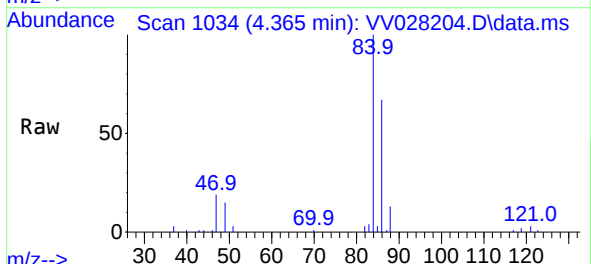
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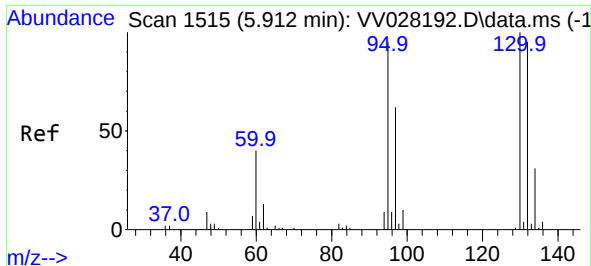
Tgt Ion: 96 Resp: 67517
Ion Ratio Lower Upper
96 100
61 120.5 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.106 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion: 83 Resp: 2131
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7

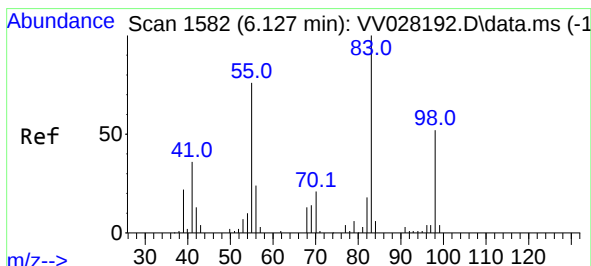
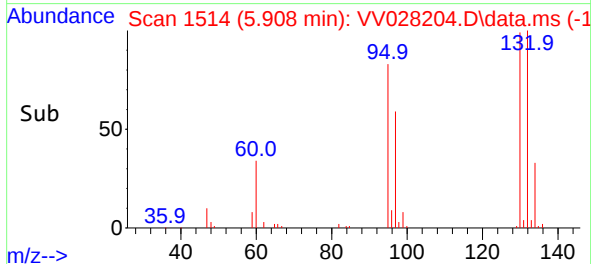
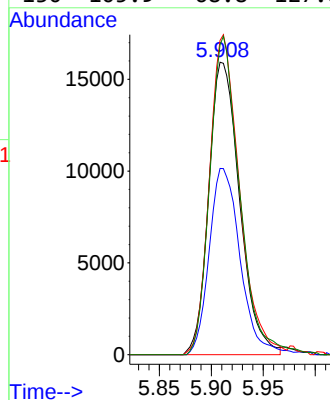
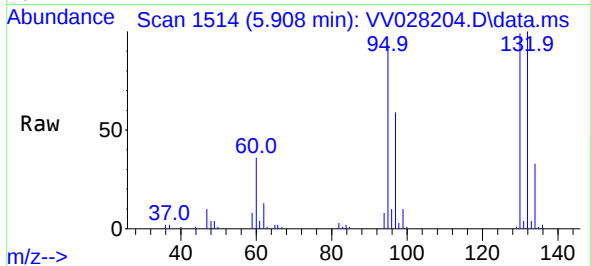




#34
Trichloroethene
Concen: 3.383 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

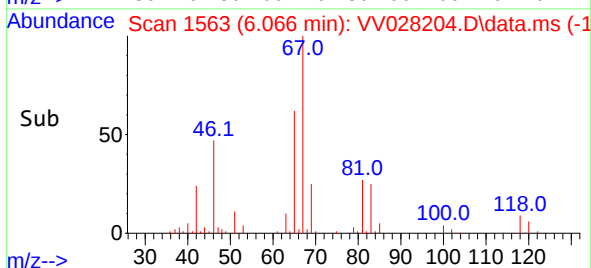
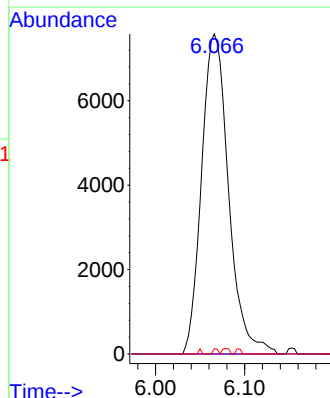
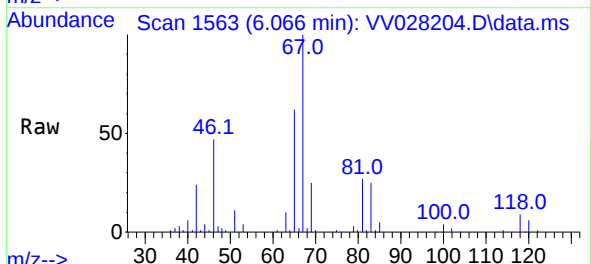
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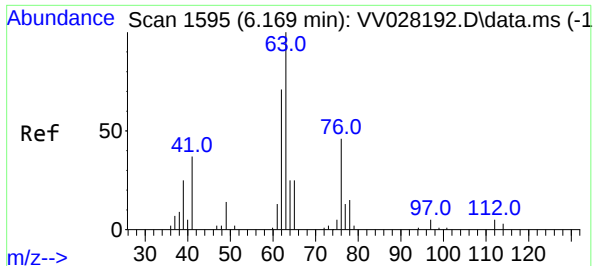
Tgt Ion: 95 Resp: 32909
Ion Ratio Lower Upper
95 100
97 63.7 44.2 82.0
132 107.5 67.8 126.0
130 105.9 68.8 127.8



#35
Methylcyclohexane
Concen: 1.196 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion: 83 Resp: 15957
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.3 39.5 59.3#

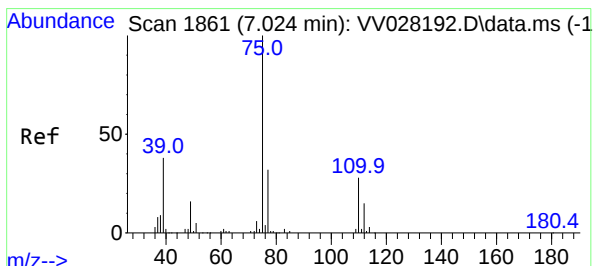
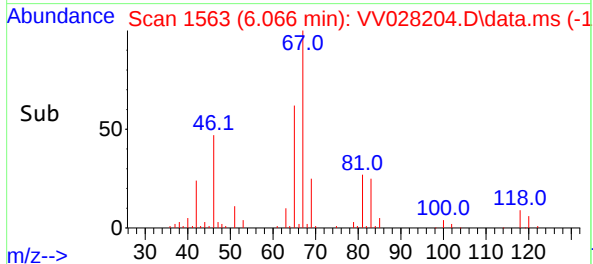
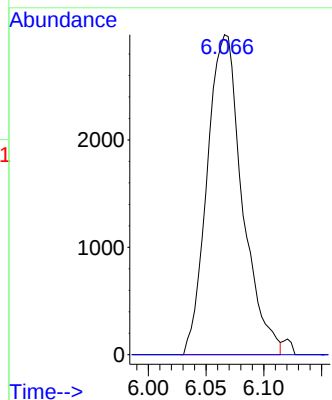
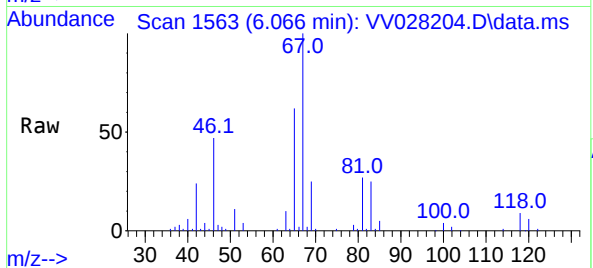




#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

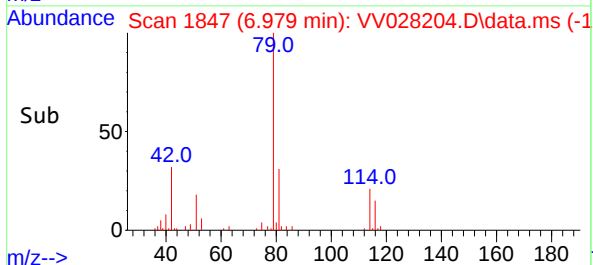
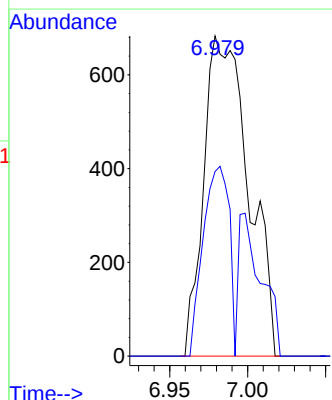
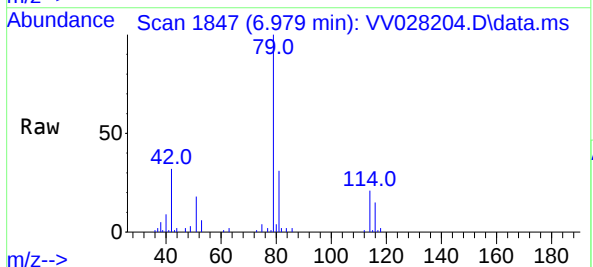
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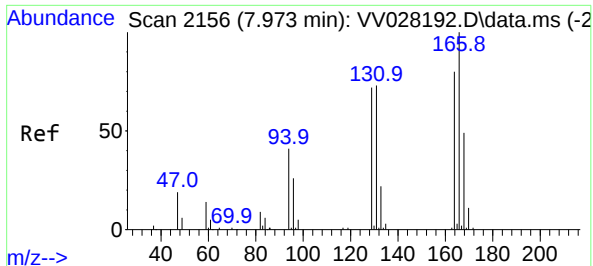
Tgt Ion: 63 Resp: 6303
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.042 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion: 75 Resp: 1364
Ion Ratio Lower Upper
75 100
77 57.7 22.4 41.6#



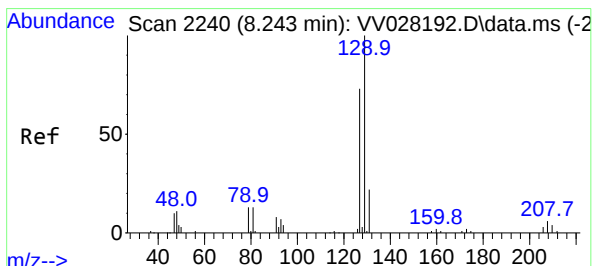
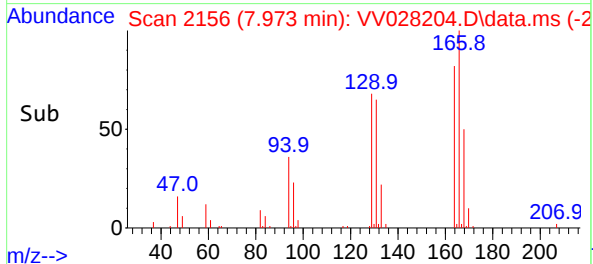
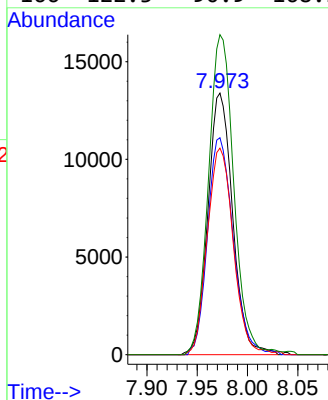
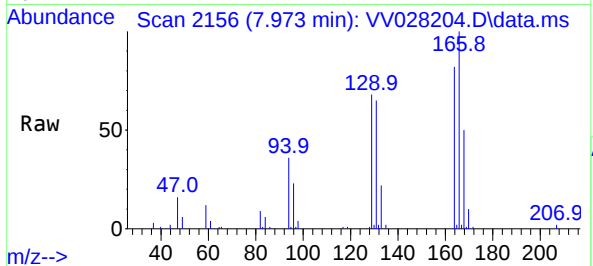


#47
Tetrachloroethene
Concen: 2.960 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Instrument :
MSVOA_V
ClientSampleId :
F5H09

Tgt Ion:164 Resp: 22981

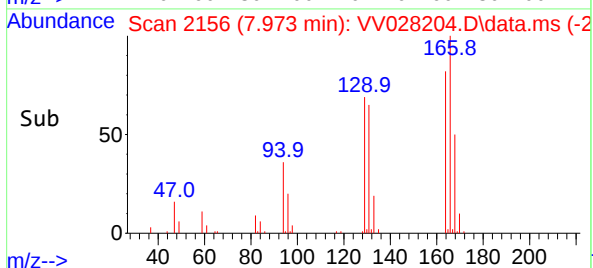
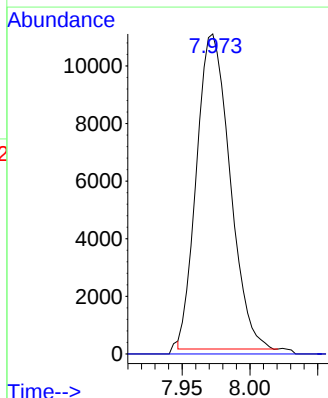
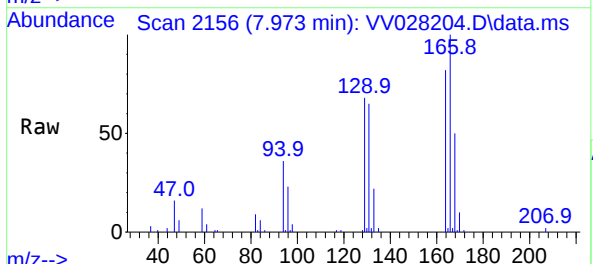
Ion	Ratio	Lower	Upper
164	100		
129	83.0	66.7	123.9
131	79.0	61.7	114.5
166	122.3	90.9	168.9

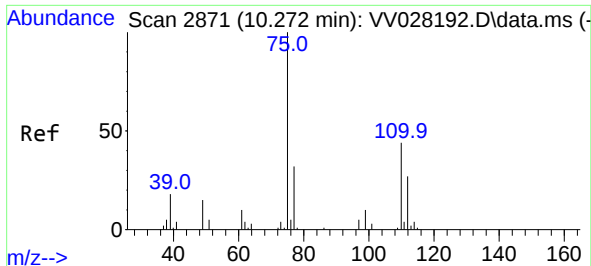


#49
Dibromochloromethane
Concen: 2.122 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.267 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion:129 Resp: 18738

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#

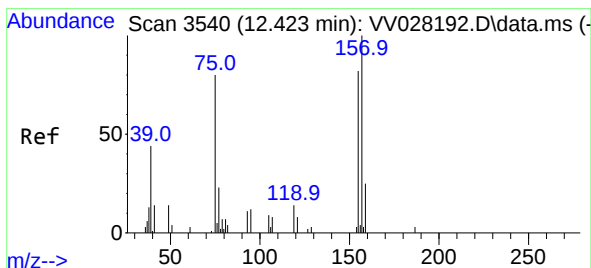
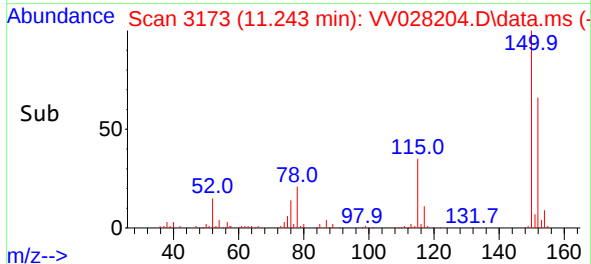
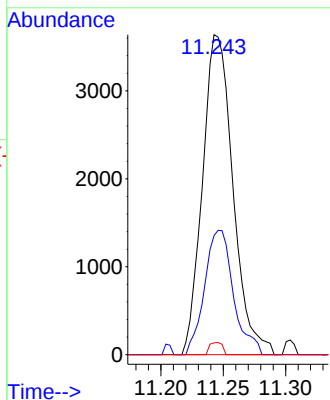
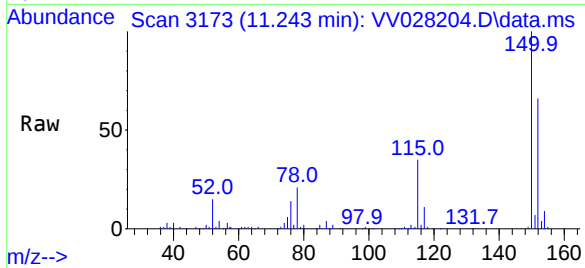




#61
1,2,3-Trichloropropane
Concen: 1.031 ug/L
RT: 11.243 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Instrument :
MSVOA_V
ClientSampleId :
F5H09

Tgt Ion: 75 Resp: 6189
Ion Ratio Lower Upper
75 100
77 36.8 26.7 40.1
110 1.6 30.1 45.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.128 ug/L
RT: 12.239 min Scan# 3483
Delta R.T. -0.183 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion: 75 Resp: 168
Ion Ratio Lower Upper
75 100
155 0.0 73.6 110.4#
157 0.0 90.7 136.1#

