

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029310.D
 Acq On : 23 Nov 2022 21:53
 Operator : SY/MD
 Sample : N5651-15DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:52:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	279611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	123797	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90523	5.261	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.200%		
7) Chloroethane-d5	1.568	69	67610	5.367	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.400%		
11) 1,1-Dichloroethene-d2	2.104	63	105839	3.844	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 76.800%		
20) 2-Butanone-d5	3.889	46	154468	53.661	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 107.320%		
24) Chloroform-d	4.339	84	153356	4.993	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.800%		
26) 1,2-Dichloroethane-d4	5.027	65	72458	5.362	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
32) Benzene-d6	5.043	84	348818	5.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
36) 1,2-Dichloropropane-d6	6.063	67	100928	5.352	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.000%		
41) Toluene-d8	7.310	98	325816	5.143	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.800%		
43) trans-1,3-Dichloroprop...	7.616	79	37182	5.114	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.200%		
46) 2-Hexanone-d5	8.085	63	126197	48.690	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.380%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60789	5.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.400%		
66) 1,2-Dichlorobenzene-d4	11.615	152	116146	5.370	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	1119	0.054	ug/L #	87
3) Chloromethane	1.243	50	1965	0.103	ug/L	90
12) 1,1-Dichloroethene	2.108	96	1218	0.085	ug/L #	1
15) Methyl Acetate	2.449	43	1545	0.257	ug/L #	60
16) Methylene chloride	2.503	84	13101	0.596	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	7075	0.192	ug/L #	94
22) cis-1,2-Dichloroethene	3.911	96	4231	0.224	ug/L	96
25) Chloroform	4.371	83	2506	0.081	ug/L	91
34) Trichloroethene	5.908	95	78828	4.254	ug/L	97
35) Methylcyclohexane	6.063	83	24200	0.774	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10823	0.633	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2781	0.111	ug/L #	68
44) trans-1,3-Dichloropropene	7.622	75	1512	0.076	ug/L #	36
47) Tetrachloroethene	7.969	164	82393	5.425	ug/L	98
49) Dibromochloromethane	7.969	129	71292	5.471	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	14423	1.680	ug/L #	67

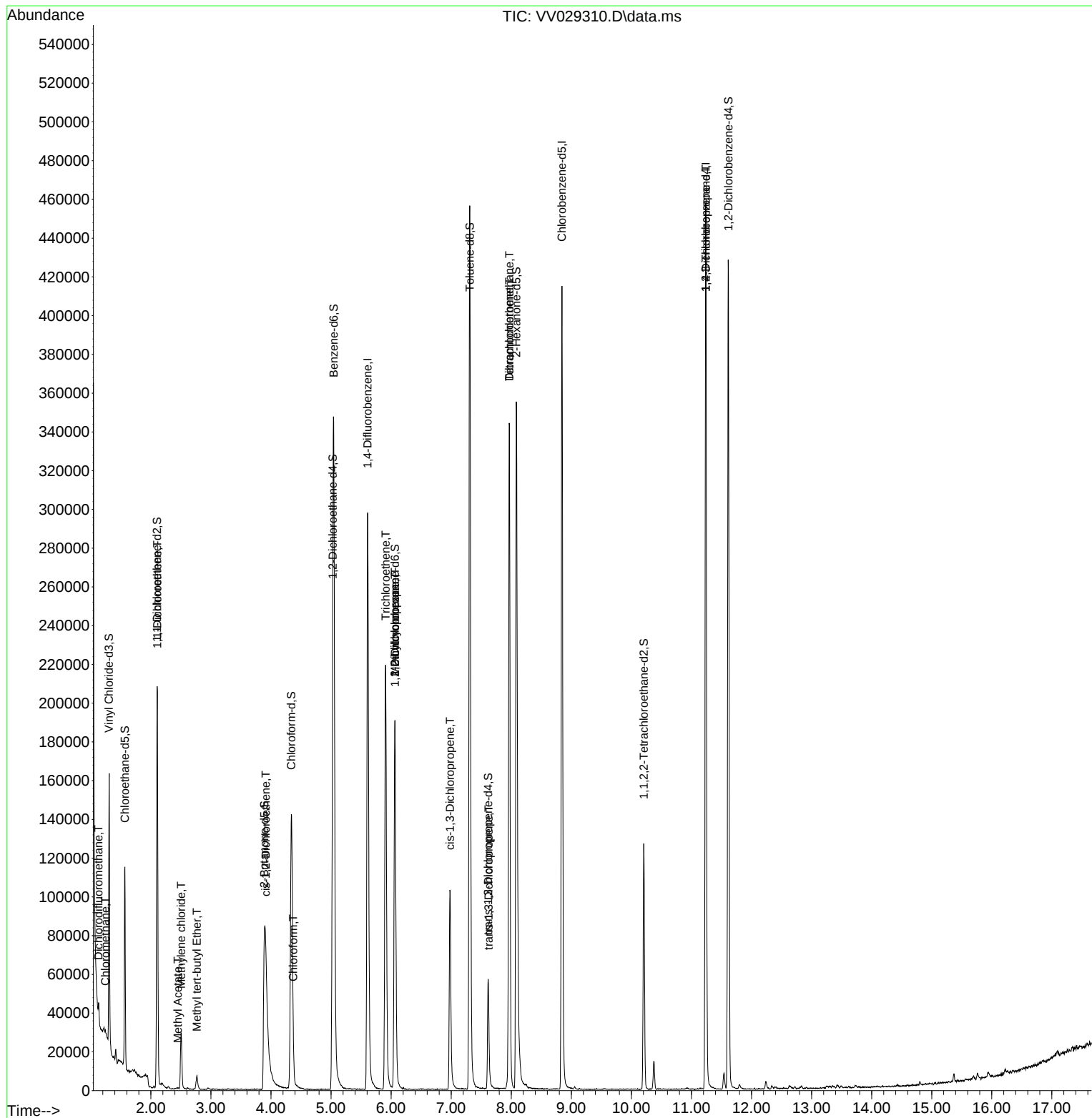
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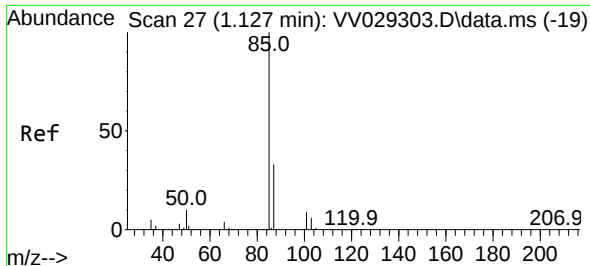
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 01:40:30 2022
Response via : Initial Calibration

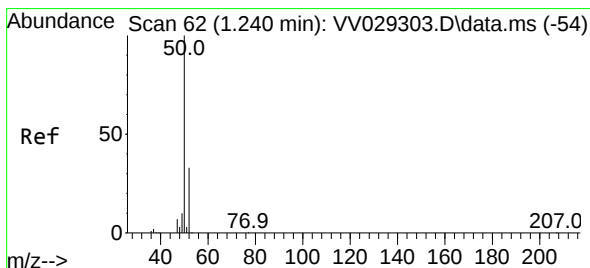
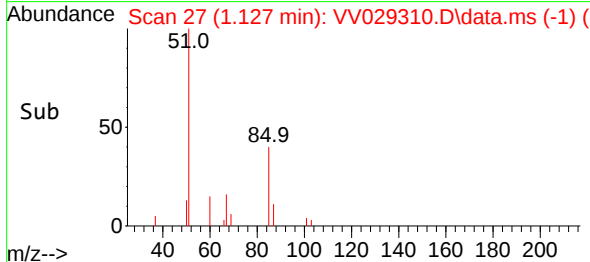
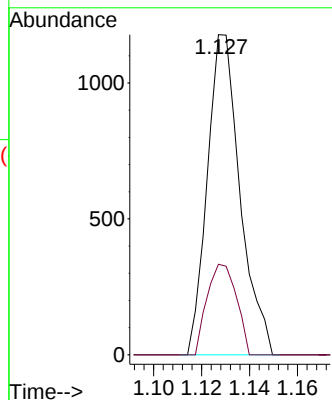
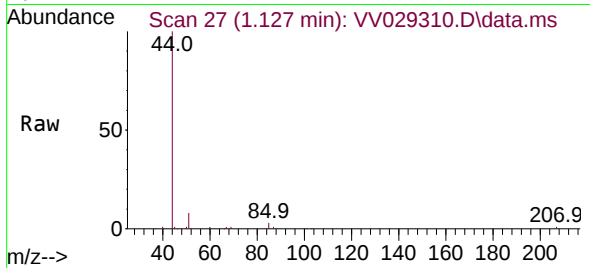




#2
 Dichlorodifluoromethane
 Concen: 0.054 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029310.D
 Acq: 23 Nov 2022 21:53

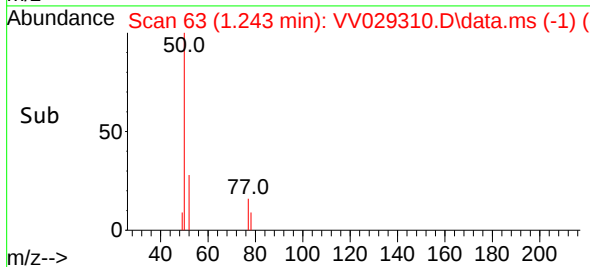
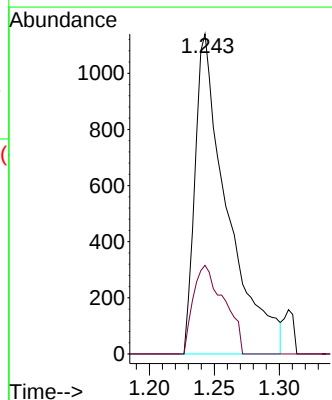
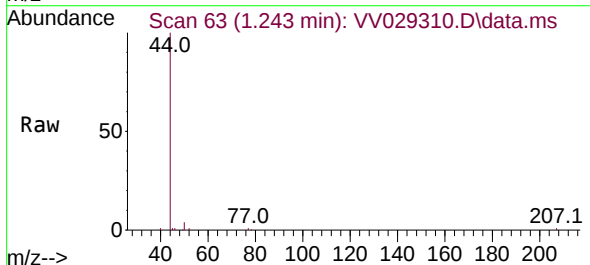
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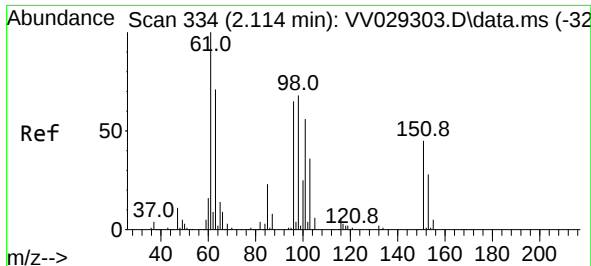
Tgt Ion: 85 Resp: 1119
 Ion Ratio Lower Upper
 85 100
 87 25.3 26.2 39.4#



#3
 Chloromethane
 Concen: 0.103 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV029310.D
 Acq: 23 Nov 2022 21:53

Tgt Ion: 50 Resp: 1965
 Ion Ratio Lower Upper
 50 100
 52 27.7 23.2 43.2

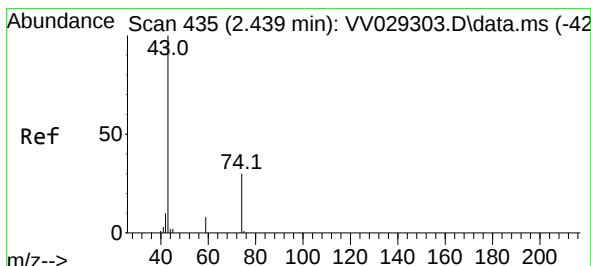
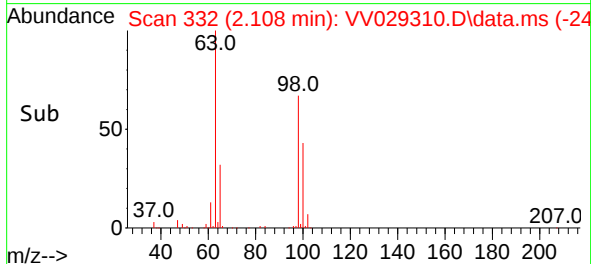
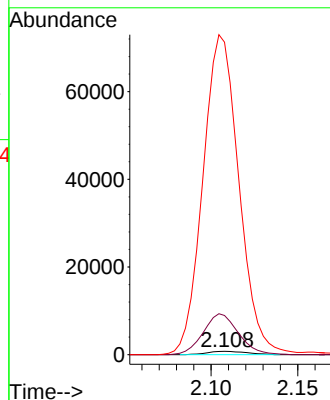
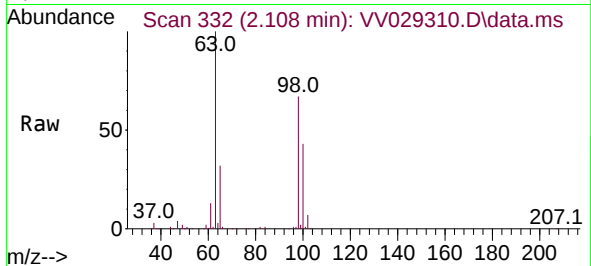




#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

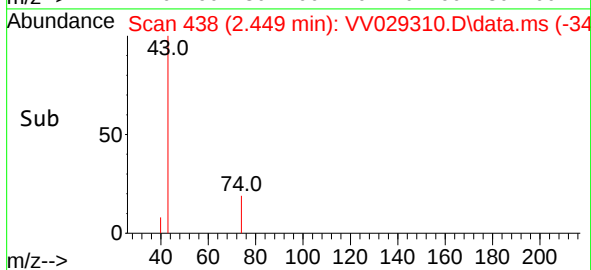
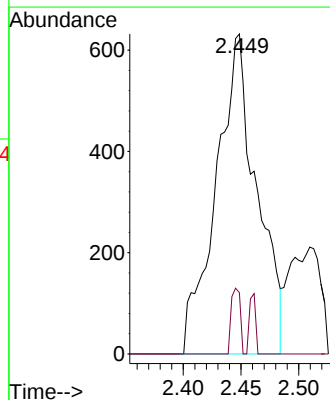
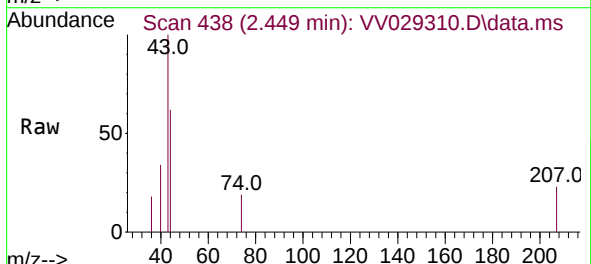
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ClientSampleId :

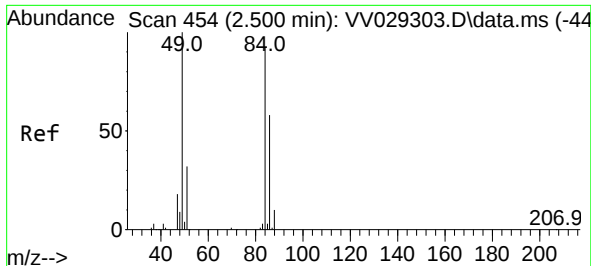
Tgt Ion: 96 Resp: 1218
Ion Ratio Lower Upper
96 100
61 1185.7 110.3 204.9#
63 9438.9 84.4 156.8#



#15
Methyl Acetate
Concen: 0.257 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.009 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
74 4.5 19.6 29.4#

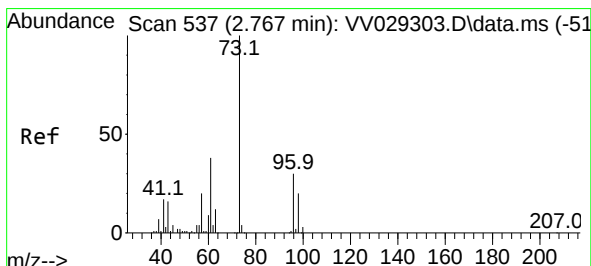
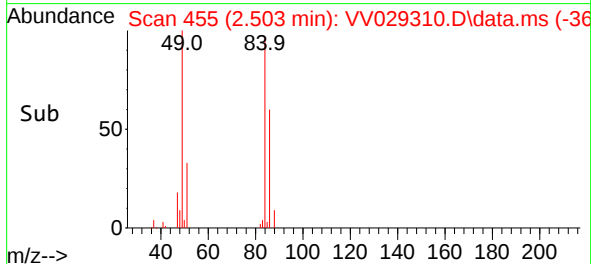
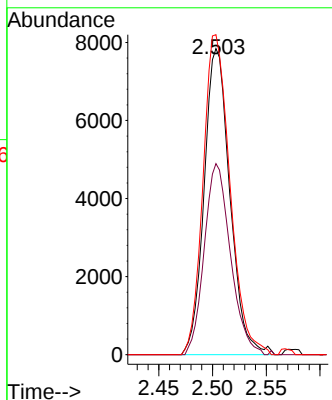
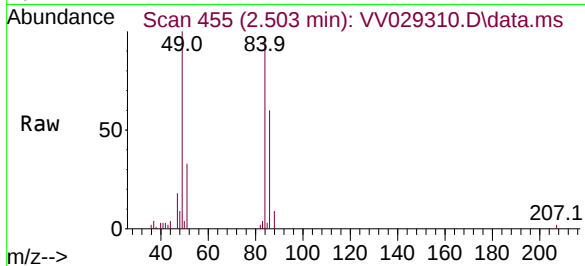




#16
Methylene chloride
Concen: 0.596 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

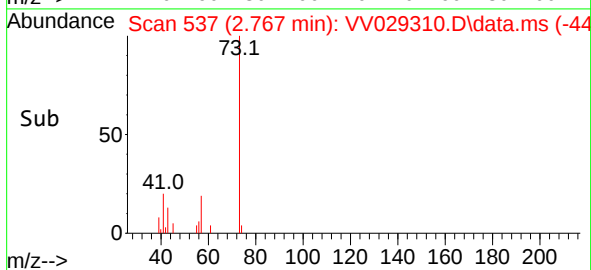
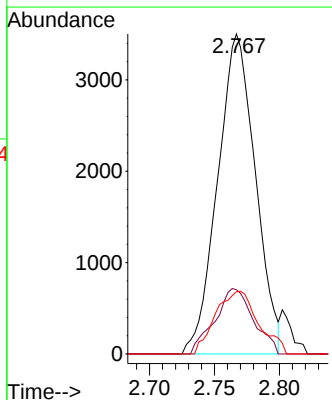
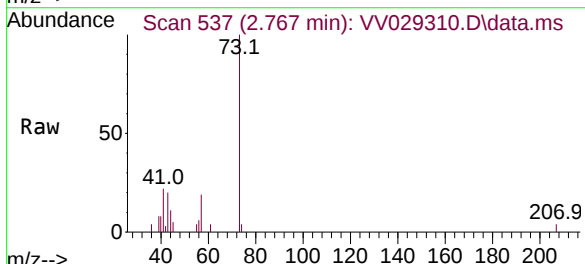
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ClientSampleId :

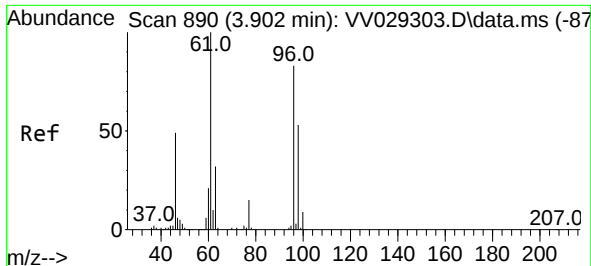
Tgt Ion: 84 Resp: 13101
Ion Ratio Lower Upper
84 100
86 62.4 45.6 84.6
49 104.5 77.8 144.4



#17
Methyl tert-butyl Ether
Concen: 0.192 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

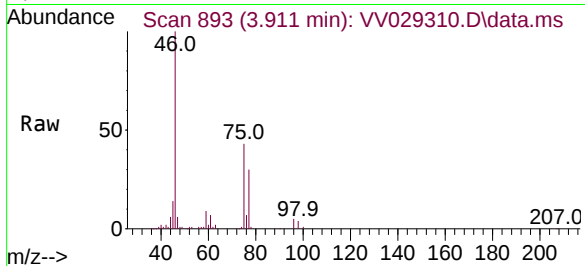
Tgt Ion: 73 Resp: 7075
Ion Ratio Lower Upper
73 100
43 21.0 13.2 19.8#
57 22.3 16.9 25.3



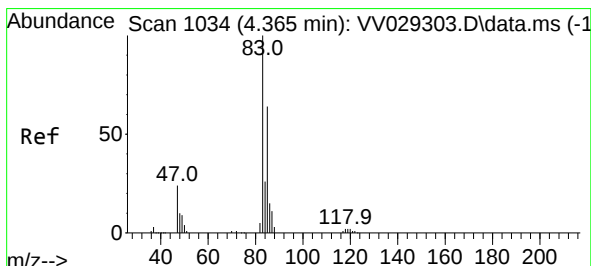
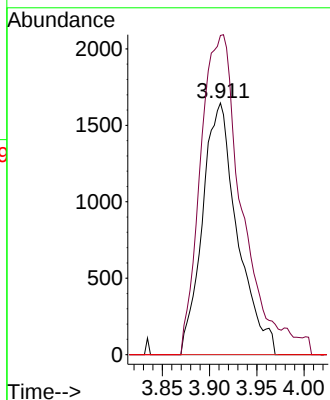
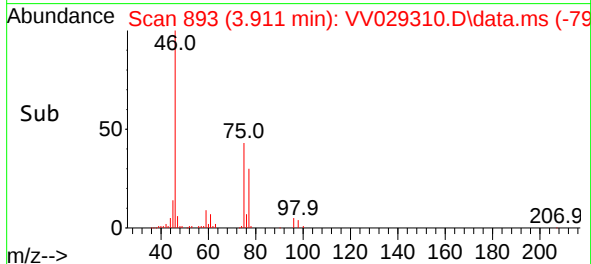


#22
 cis-1,2-Dichloroethene
 Concen: 0.224 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV029310.D
 Acq: 23 Nov 2022 21:53

Instrument :
 MSVOA_V
 ClientSampleId :

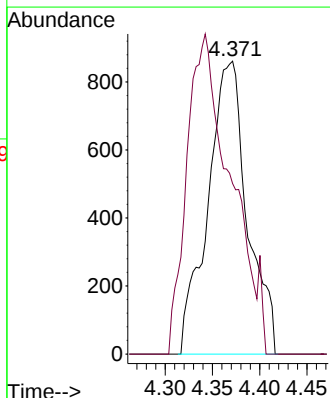
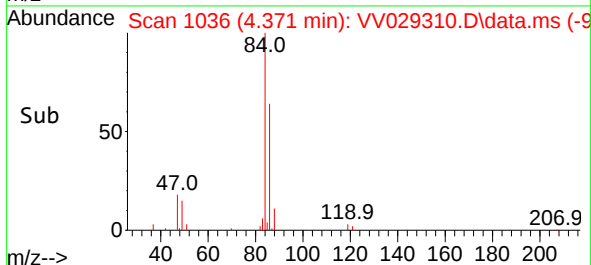
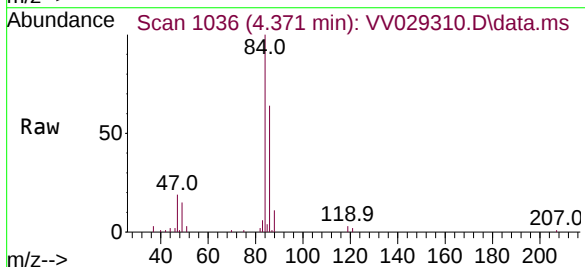


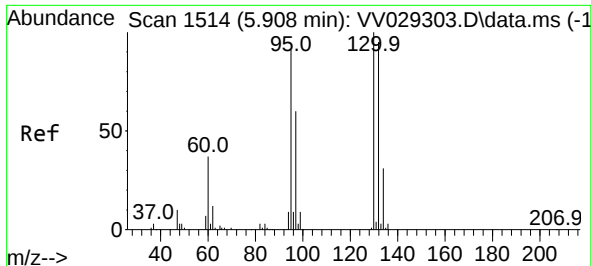
Tgt Ion: 96 Resp: 4231
 Ion Ratio Lower Upper
 96 100
 61 126.9 85.8 159.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.081 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VV029310.D
 Acq: 23 Nov 2022 21:53

Tgt Ion: 83 Resp: 2506
 Ion Ratio Lower Upper
 83 100
 85 58.2 45.4 84.4

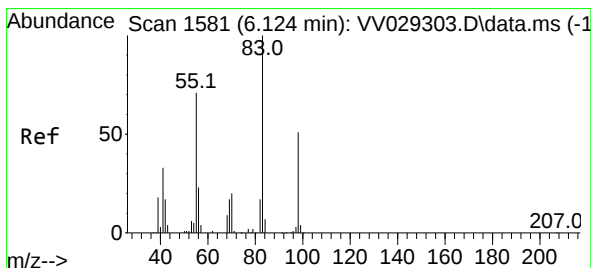
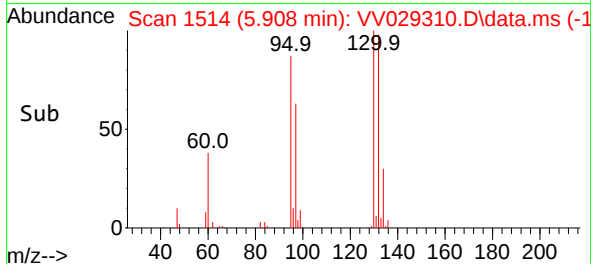
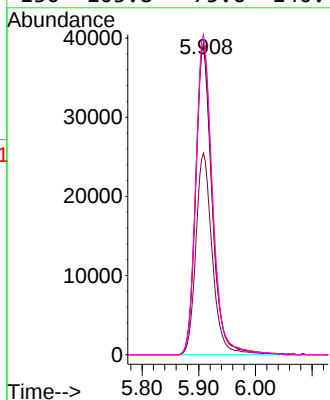
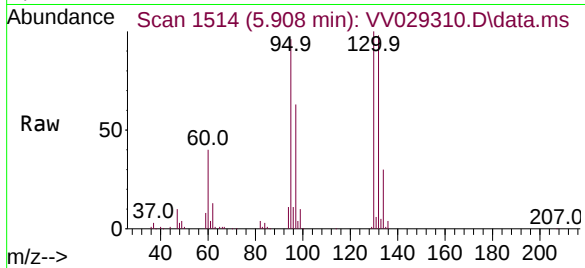




#34
Trichloroethene
Concen: 4.254 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

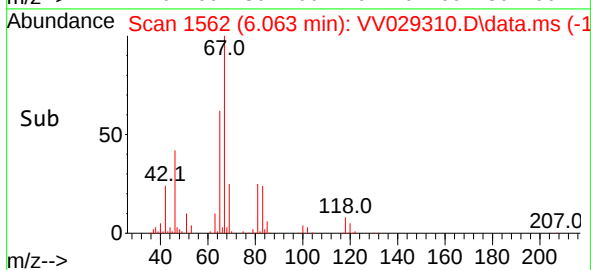
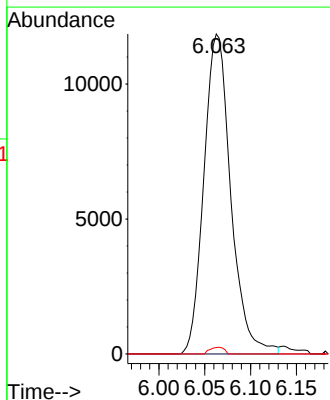
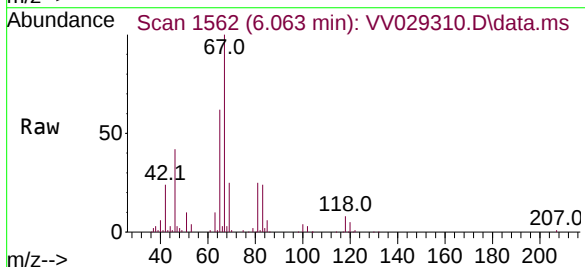
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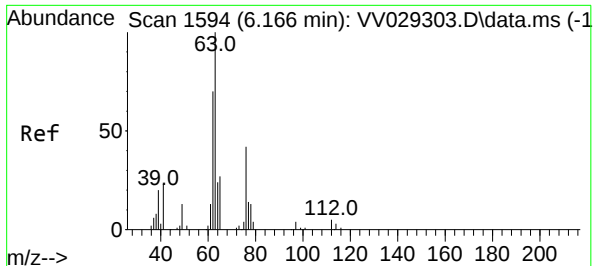
Tgt Ion: 95 Resp: 78828
Ion Ratio Lower Upper
95 100
97 65.4 45.4 84.4
132 101.4 73.3 136.1
130 103.8 75.6 140.4



#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

Tgt Ion: 83 Resp: 24200
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 1.1 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029310.D

Acq: 23 Nov 2022 21:53

Instrument :

MSVOA_V

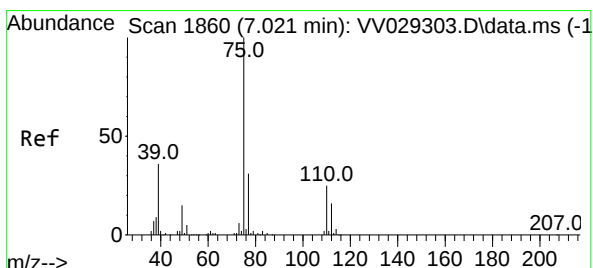
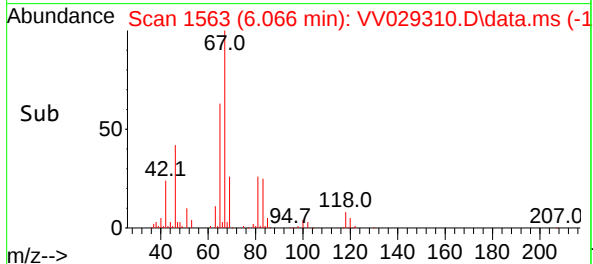
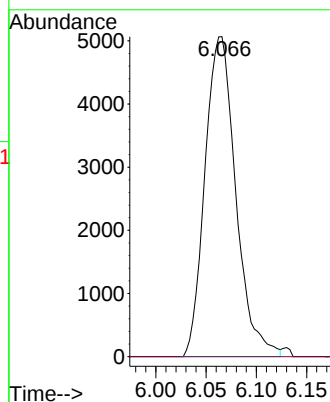
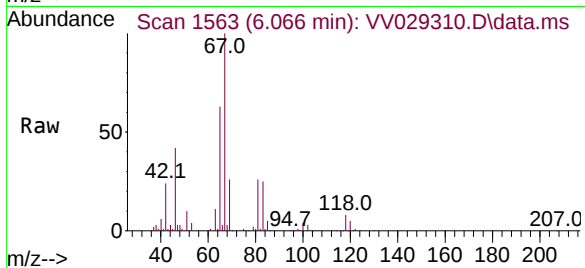
ClientSampleId :

Tgt Ion: 63 Resp: 10823

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV029310.D

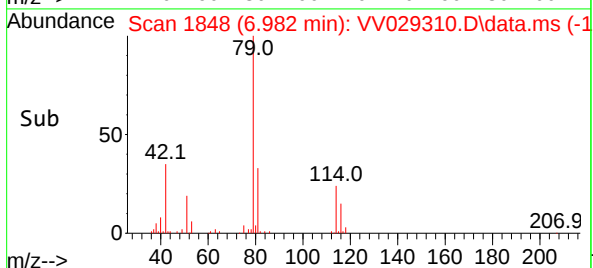
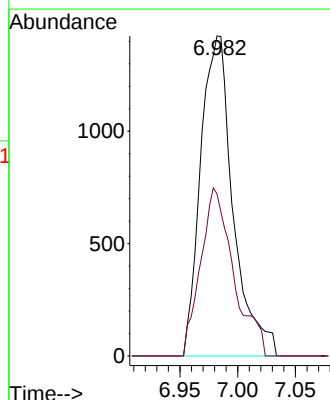
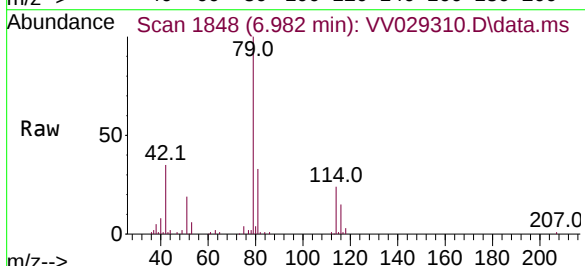
Acq: 23 Nov 2022 21:53

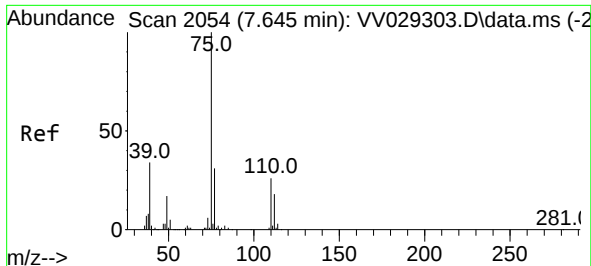
Tgt Ion: 75 Resp: 2781

Ion Ratio Lower Upper

75 100

77 50.6 22.7 42.3#

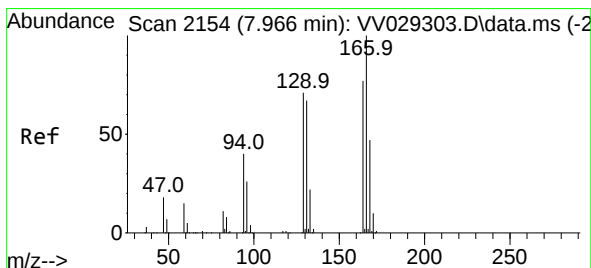
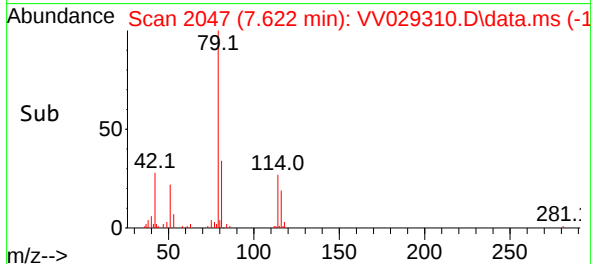
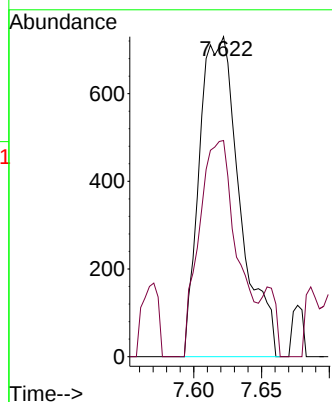
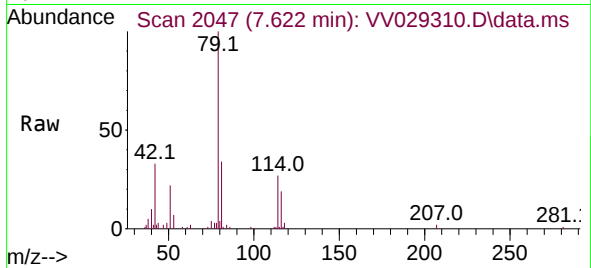




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.622 min Scan# 2054
Delta R.T. -0.023 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

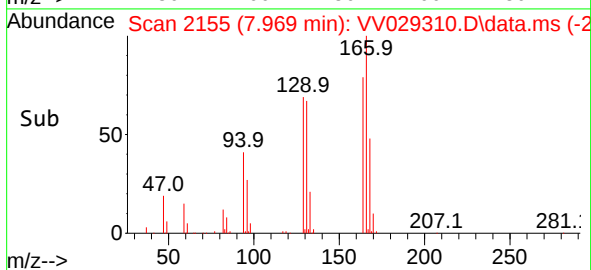
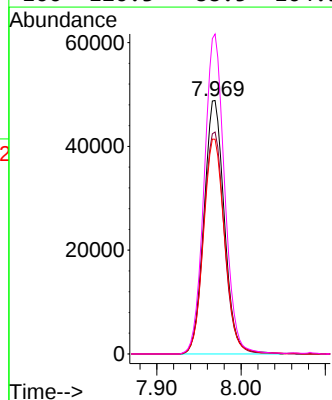
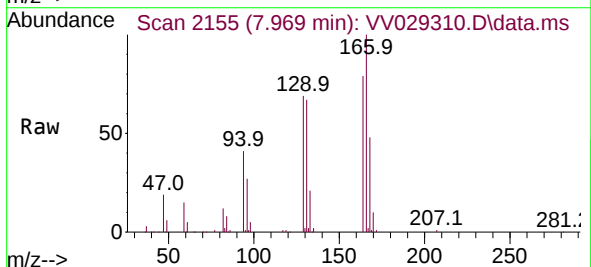
Instrument :
MSVOA_V
ClientSampleId :

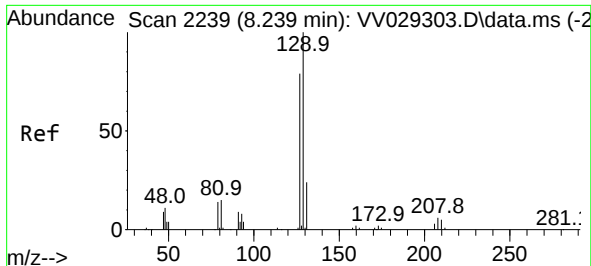
Tgt Ion: 75 Resp: 1512
Ion Ratio Lower Upper
75 100
77 67.5 22.4 41.6#



#47
Tetrachloroethene
Concen: 5.425 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029310.D
Acq: 23 Nov 2022 21:53

Tgt Ion:164 Resp: 82393
Ion Ratio Lower Upper
164 100
129 87.6 61.7 114.7
131 84.7 62.9 116.9
166 126.3 88.5 164.3





#49

Dibromochloromethane

Concen: 5.471 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029310.D

Acq: 23 Nov 2022 21:53

Instrument :

MSVOA_V

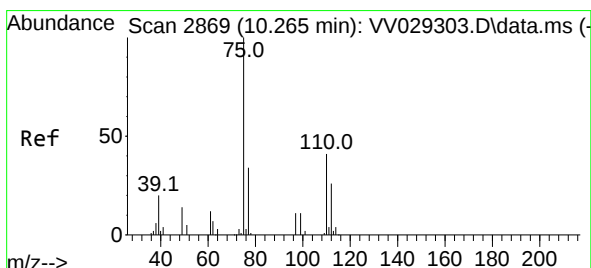
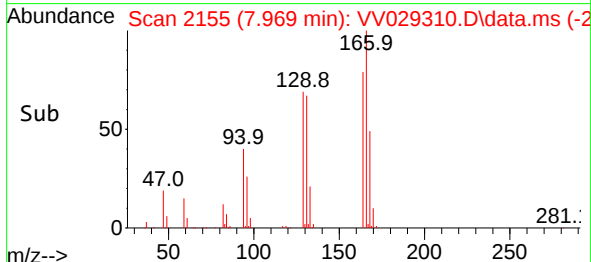
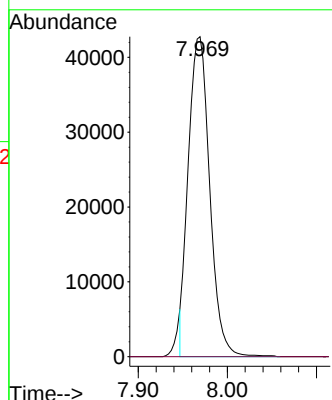
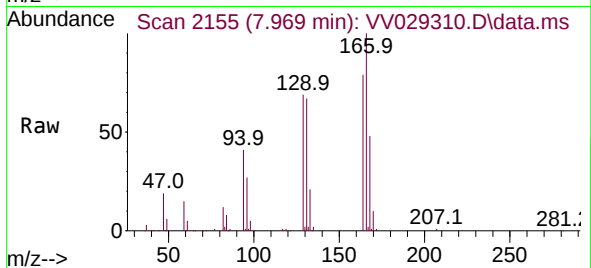
ClientSampleId :

Tgt Ion:129 Resp: 71292

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#61

1,2,3-Trichloropropane

Concen: 1.680 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029310.D

Acq: 23 Nov 2022 21:53

Tgt Ion: 75 Resp: 14423

Ion Ratio Lower Upper

75 100

77 33.9 26.7 40.1

110 3.3 32.2 48.4#

