

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029042.D
 Acq On : 17 Nov 2022 01:49
 Operator : SY/MD
 Sample : N5604-17DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C1DL

Quant Time: Nov 17 05:36:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	252554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	235398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	109951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76343	4.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.568	69	61882	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.105	63	99275	3.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.902	46	125542	48.709	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.420%
24) Chloroform-d	4.342	84	165445	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.031	65	75480	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.043	84	354846	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.066	67	101031	5.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.310	98	322312	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.622	79	32698	5.110	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.088	63	134179	49.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72919	5.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	119545	6.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	847	0.048	ug/L #	64
5) Vinyl chloride	1.310	62	9927	0.498	ug/L #	17
6) Bromomethane	1.523	94	602	0.051	ug/L	71
8) Chloroethane	1.452	64	104778	8.946	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1346	0.088	ug/L #	19
12) 1,1-Dichloroethene	2.108	96	1274	0.083	ug/L #	1
16) Methylene chloride	2.503	84	48228	2.440	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	31182	0.951	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	4506	0.254	ug/L	89
19) 1,1-Dichloroethane	3.188	63	2352	0.081	ug/L #	83
22) cis-1,2-Dichloroethene	3.908	96	139922	7.762	ug/L	92
34) Trichloroethene	5.915	95	25405	1.380	ug/L	90
35) Methylcyclohexane	6.066	83	25910	0.801	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10071	0.607	ug/L #	85
49) Dibromochloromethane	7.982	129	372	0.028	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	10423	1.387	ug/L #	64

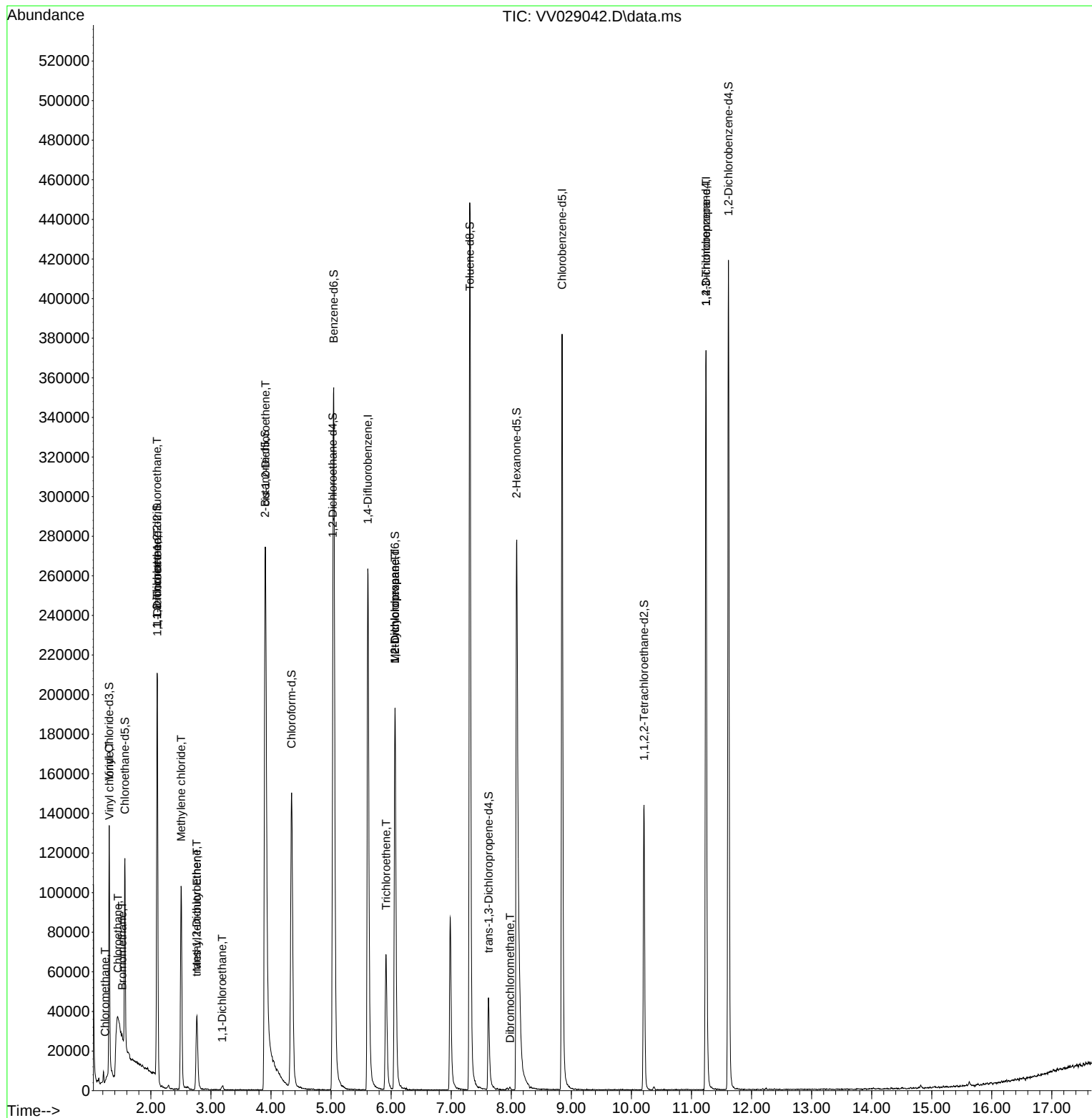
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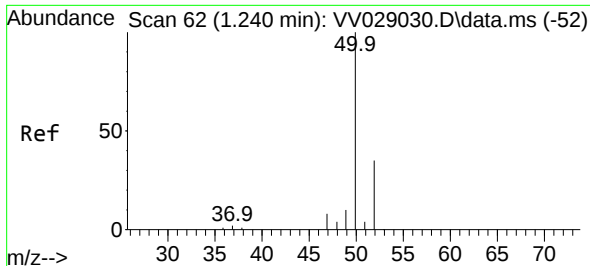
Instrument :
MSVOA_V
ClientSampleId :
H46C1DL

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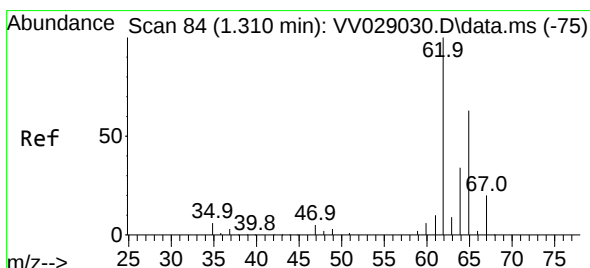
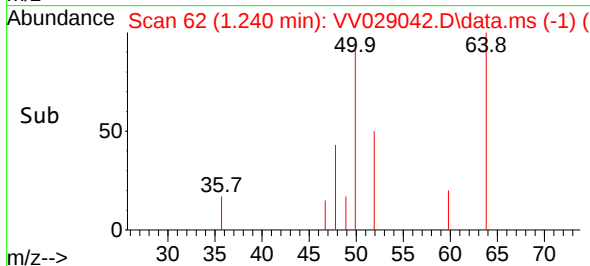
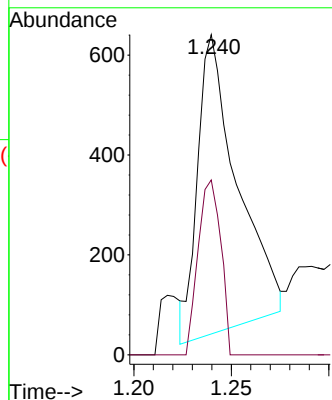
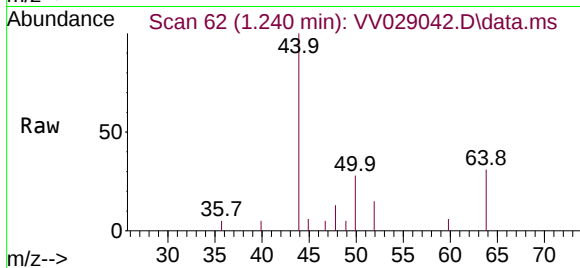




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

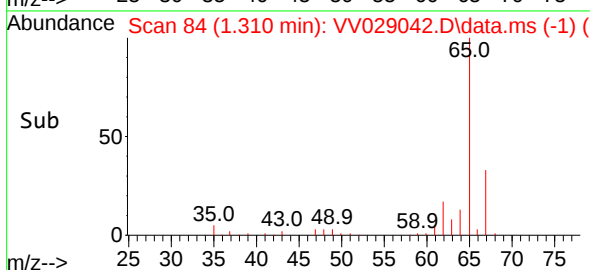
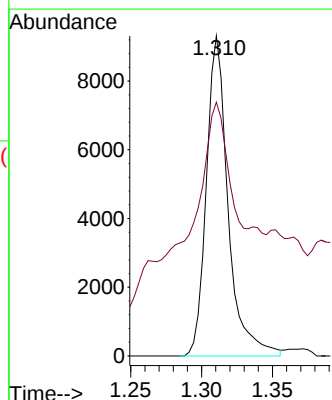
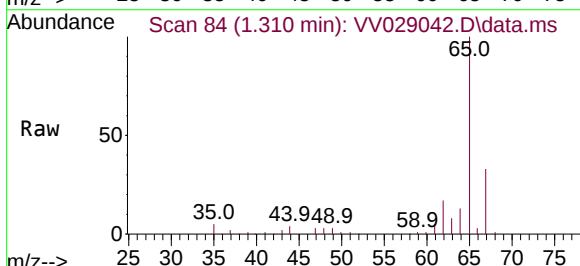
Instrument :
MSVOA_V
ClientSampleId :
H46C1DL

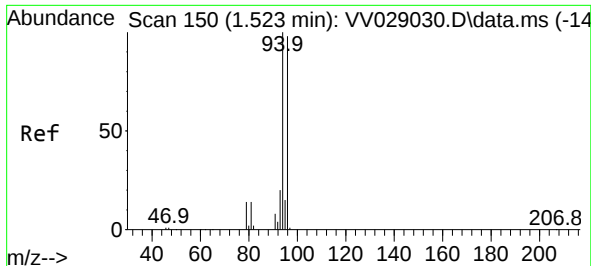
Tgt Ion: 50 Resp: 847
Ion Ratio Lower Upper
50 100
52 54.6 23.7 43.9#



#5
Vinyl chloride
Concen: 0.498 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 62 Resp: 9927
Ion Ratio Lower Upper
62 100
64 79.3 22.8 42.4#

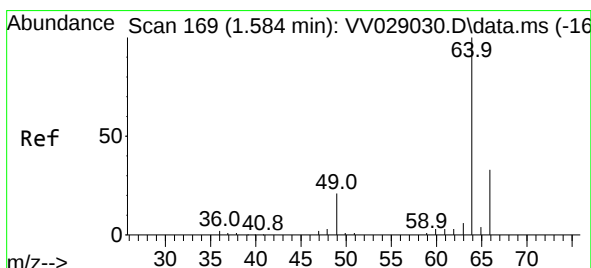
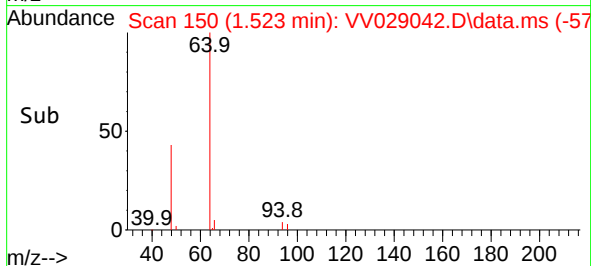
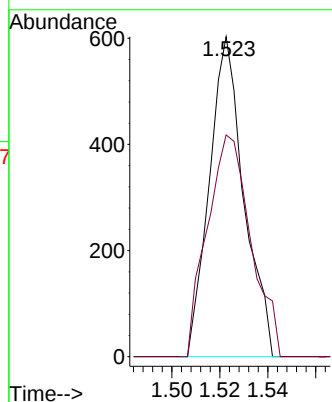
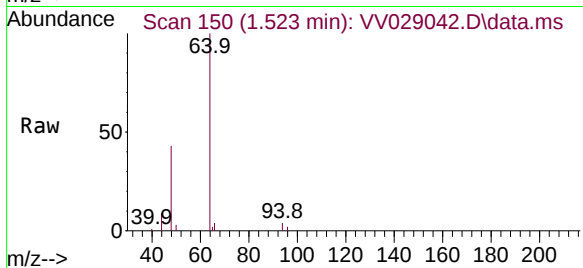




#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

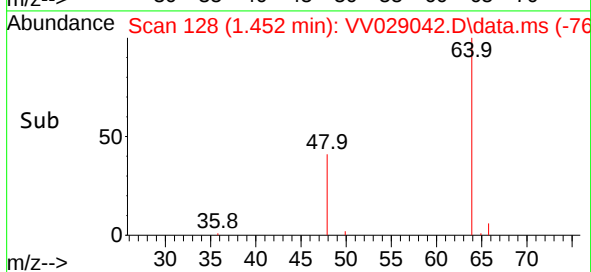
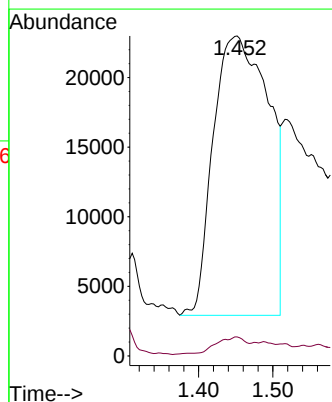
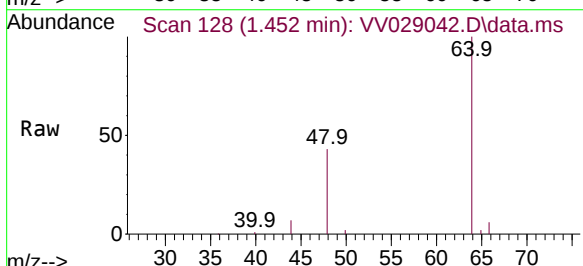
Instrument :
MSVOA_V
ClientSampleId :
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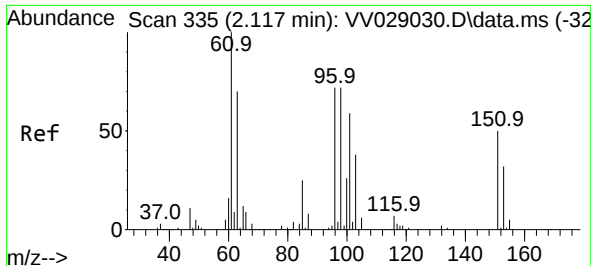
Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 69.3 68.5 127.3



#8
Chloroethane
Concen: 8.946 ug/L
RT: 1.452 min Scan# 128
Delta R.T. -0.132 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 64 Resp: 104778
Ion Ratio Lower Upper
64 100
66 5.9 22.0 40.8#

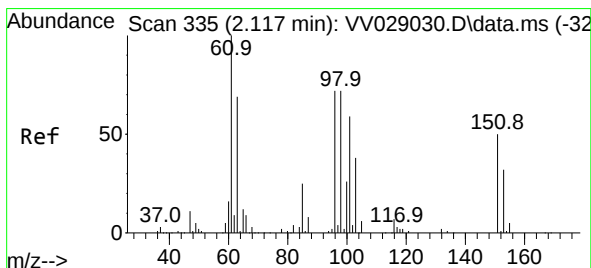
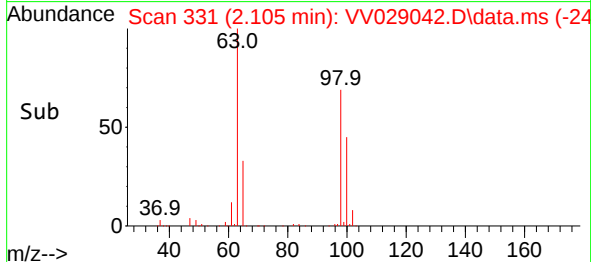
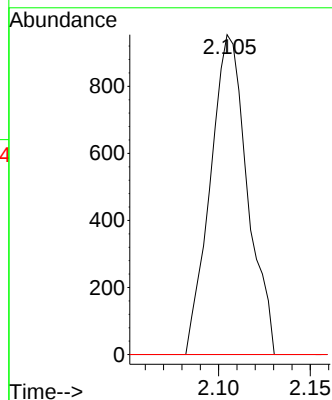
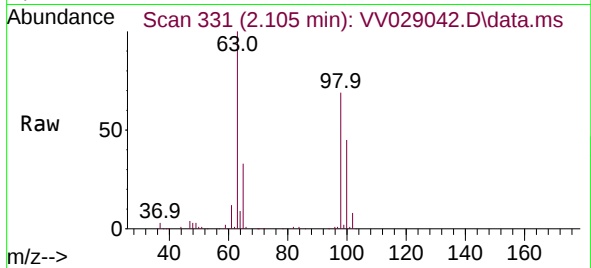




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

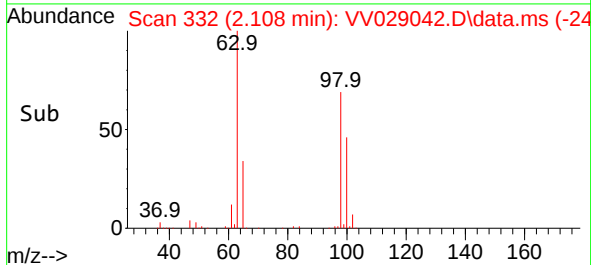
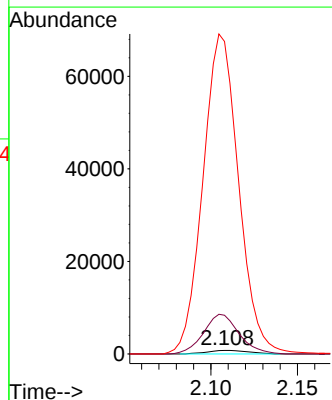
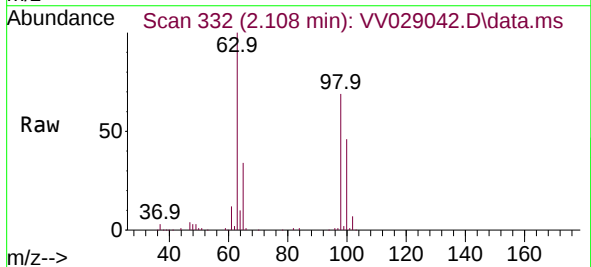
Instrument :
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ClientSampleId :
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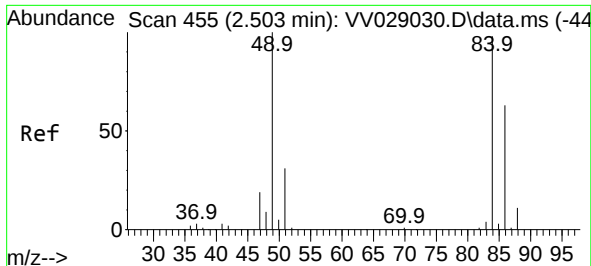
Tgt Ion:101 Resp: 1346
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 62.5 93.7#



#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 96 Resp: 1274
Ion Ratio Lower Upper
96 100
61 1080.3 104.2 193.4#
63 8702.1 75.9 140.9#

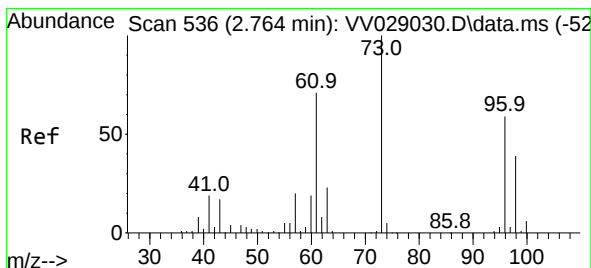
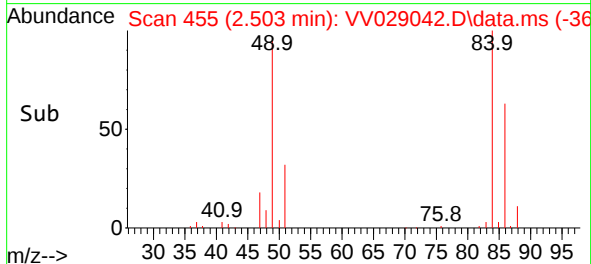
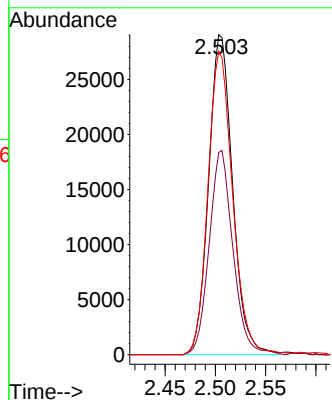
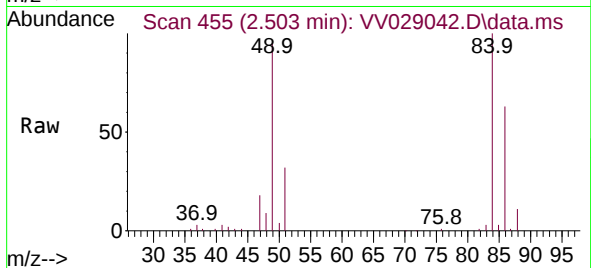




#16
Methylene chloride
Concen: 2.440 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

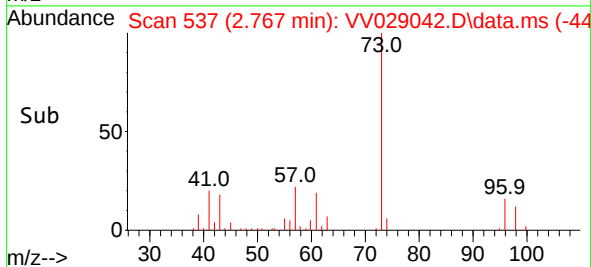
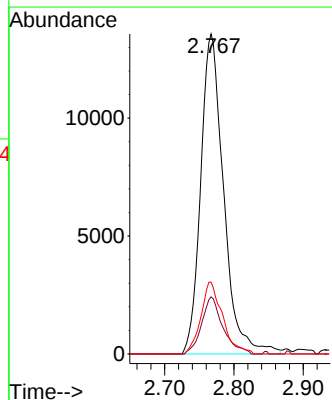
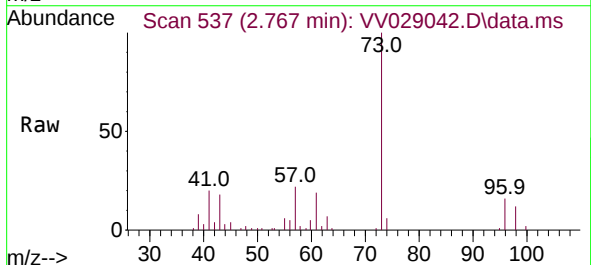
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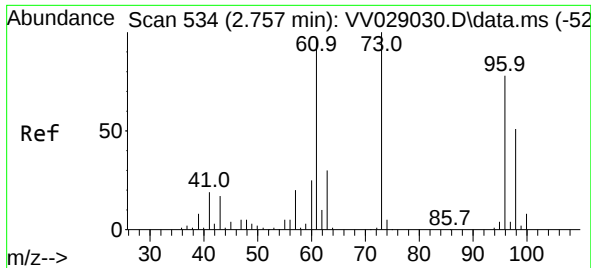
Tgt Ion: 84 Resp: 48228
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.0
49 94.8 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.951 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 73 Resp: 31182
Ion Ratio Lower Upper
73 100
43 16.5 13.0 19.4
57 21.2 16.6 24.8

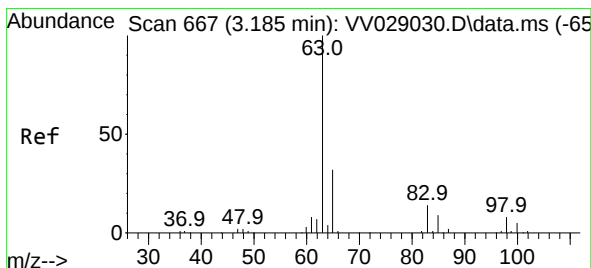
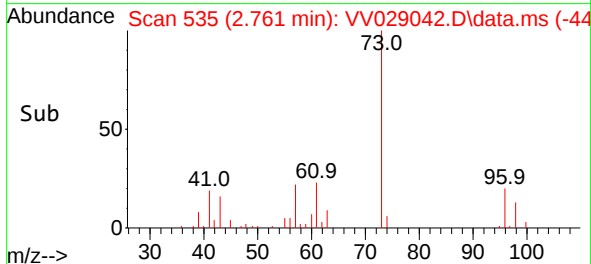
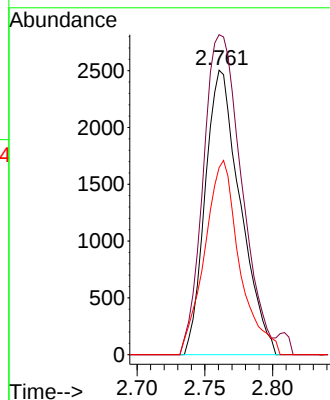
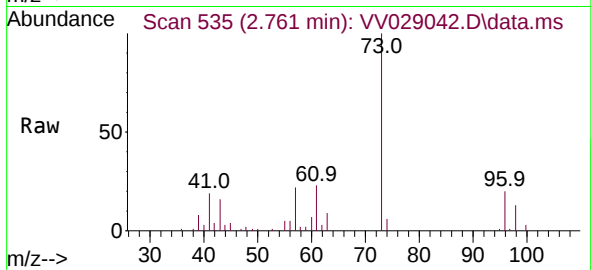




#18
trans-1,2-Dichloroethene
Concen: 0.254 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

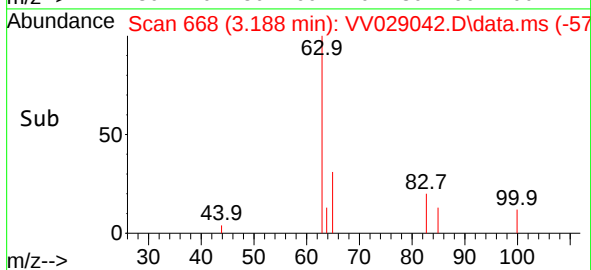
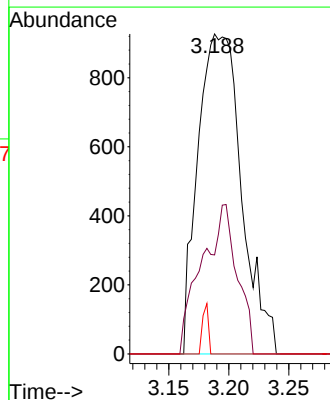
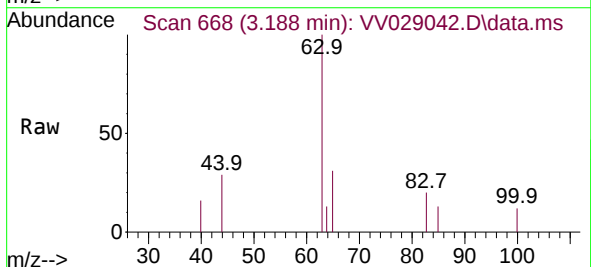
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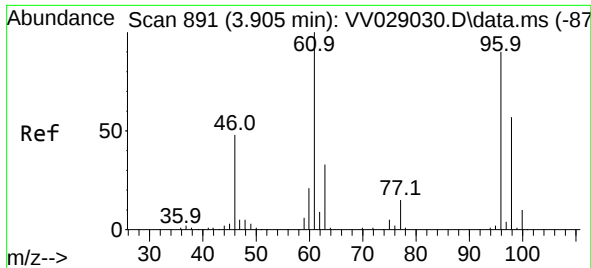
Tgt Ion: 96 Resp: 4506
Ion Ratio Lower Upper
96 100
61 112.5 91.8 170.6
98 65.8 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.081 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 63 Resp: 2352
Ion Ratio Lower Upper
63 100
65 27.4 23.0 42.6
83 0.0 9.4 17.6#

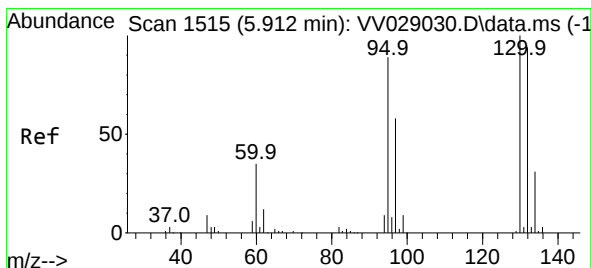
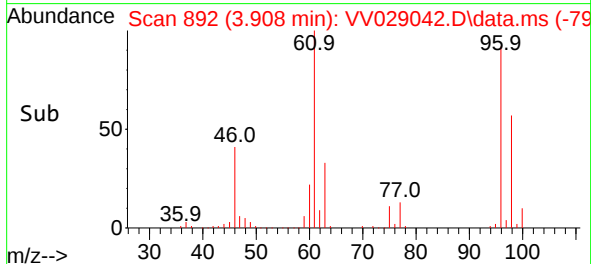
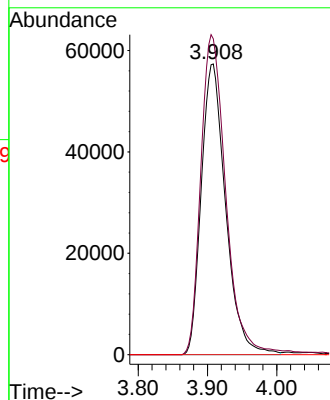
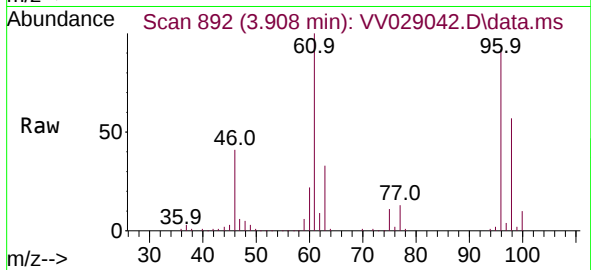




#22
 cis-1,2-Dichloroethene
 Concen: 7.762 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029042.D
 Acq: 17 Nov 2022 01:49

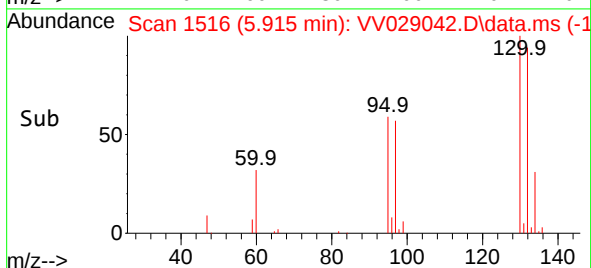
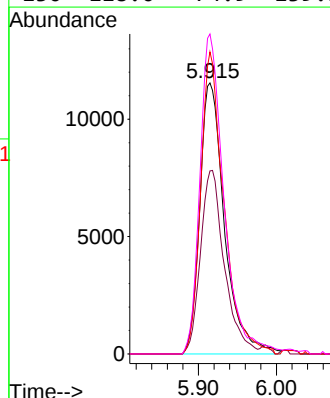
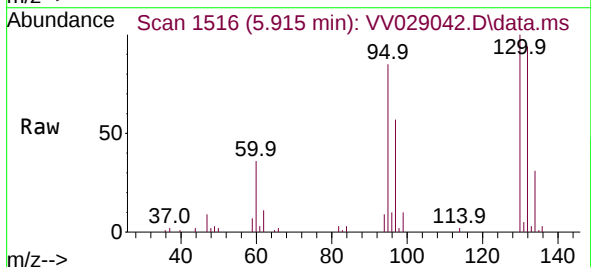
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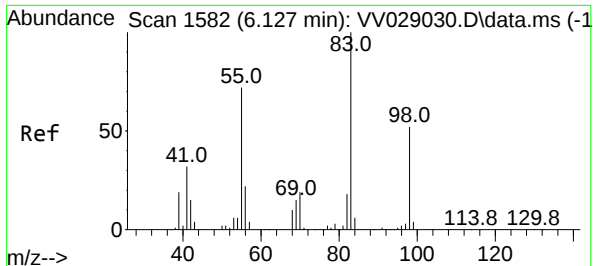
Tgt Ion: 96 Resp: 139922
 Ion Ratio Lower Upper
 96 100
 61 108.6 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.380 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.003 min
 Lab File: VV029042.D
 Acq: 17 Nov 2022 01:49

Tgt Ion: 95 Resp: 25405
 Ion Ratio Lower Upper
 95 100
 97 67.5 45.6 84.8
 132 111.4 69.1 128.3
 130 118.0 74.9 139.1





#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV029042.D

Acq: 17 Nov 2022 01:49

Instrument :

MSVOA_V

ClientSampleId :

H46C1DL

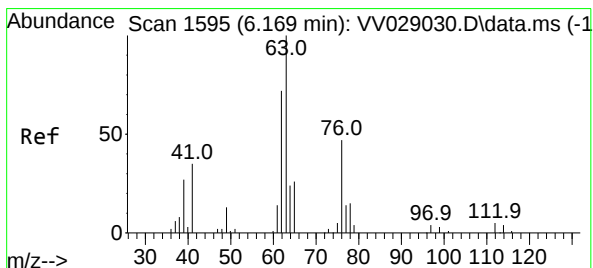
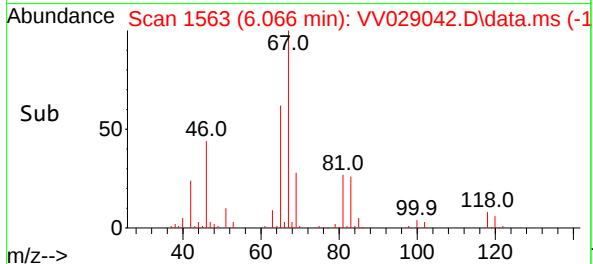
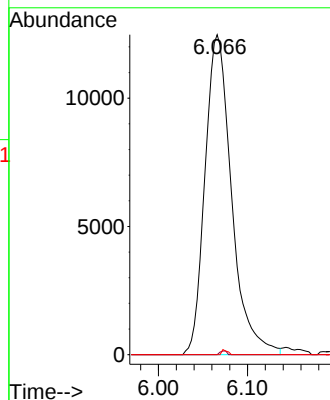
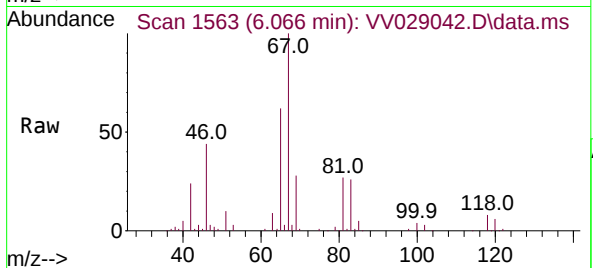
Tgt Ion: 83 Resp: 25910

Ion Ratio Lower Upper

83 100

55 0.3 55.8 83.6#

98 0.3 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV029042.D

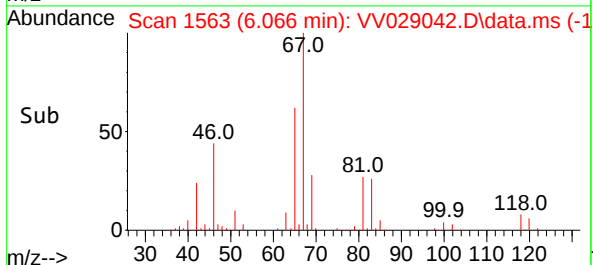
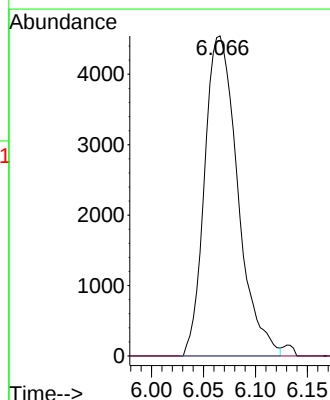
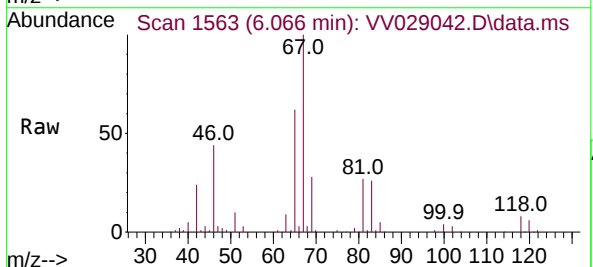
Acq: 17 Nov 2022 01:49

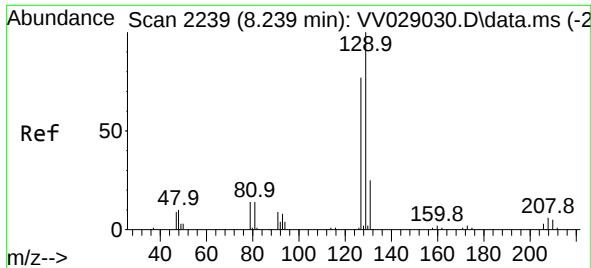
Tgt Ion: 63 Resp: 10071

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

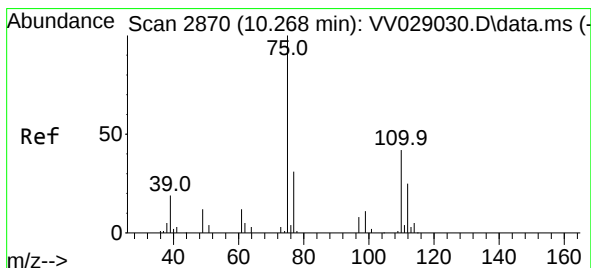
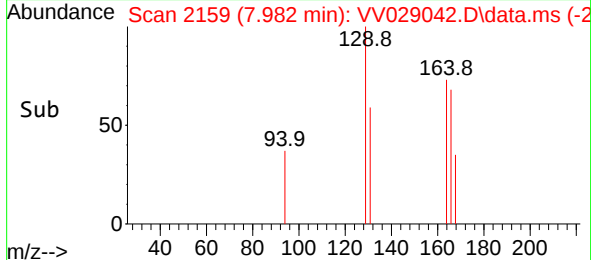
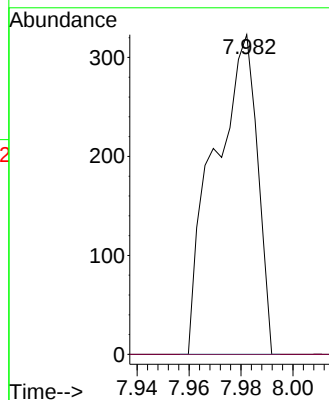
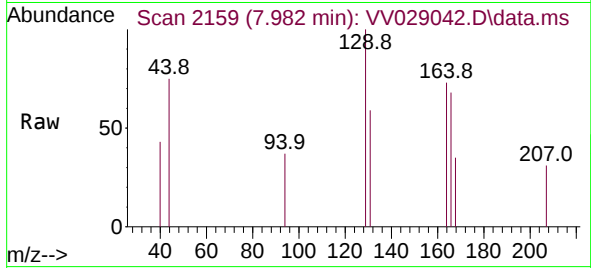




#49
Dibromochloromethane
Concen: 0.028 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.257 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Instrument :
MSVOA_V
ClientSampleId :
H46C1DL

Tgt Ion:129 Resp: 372
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.387 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 75 Resp: 10423
Ion Ratio Lower Upper
75 100
77 35.0 26.2 39.2
110 2.7 32.6 48.8#

