

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028905.D
 Acq On : 12 Nov 2022 03:48
 Operator : SY/MD
 Sample : N5590-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX5

Quant Time: Nov 14 00:23:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	298544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	277500	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	134504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80944	4.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.565	69	77288	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.105	63	115301	3.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.889	46	164803	54.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.180%
24) Chloroform-d	4.343	84	181785	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.031	65	85338	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.047	84	388576	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.066	67	114510	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.314	98	341858	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.622	79	31918	4.231	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	169187	52.543	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.080%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	79793	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	125860	5.230	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	15357	0.652	ug/L	83
12) 1,1-Dichloroethene	2.111	96	2088	0.116	ug/L #	1
13) Acetone	2.182	43	209887	107.093	ug/L	90
15) Methyl Acetate	2.182	43	203611	42.808	ug/L #	44
16) Methylene chloride	2.503	84	70545	3.019	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	31417	1.499	ug/L	96
19) 1,1-Dichloroethane	3.192	63	2323	0.068	ug/L #	91
21) 2-Butanone	4.085	43	51442	16.954	ug/L #	67
22) cis-1,2-Dichloroethene	3.905	96	526186	24.692	ug/L	98
25) Chloroform	4.365	83	3216	0.090	ug/L #	71
34) Trichloroethene	5.921	95	5322	0.245	ug/L	96
35) Methylcyclohexane	6.066	83	28365	0.743	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	12092	0.618	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2306	0.084	ug/L #	70
61) 1,2,3-Trichloropropane	11.243	75	14440	1.571	ug/L #	66
72) 1,2,3-Trichlorobenzene	13.738	180	1788	0.088	ug/L	93

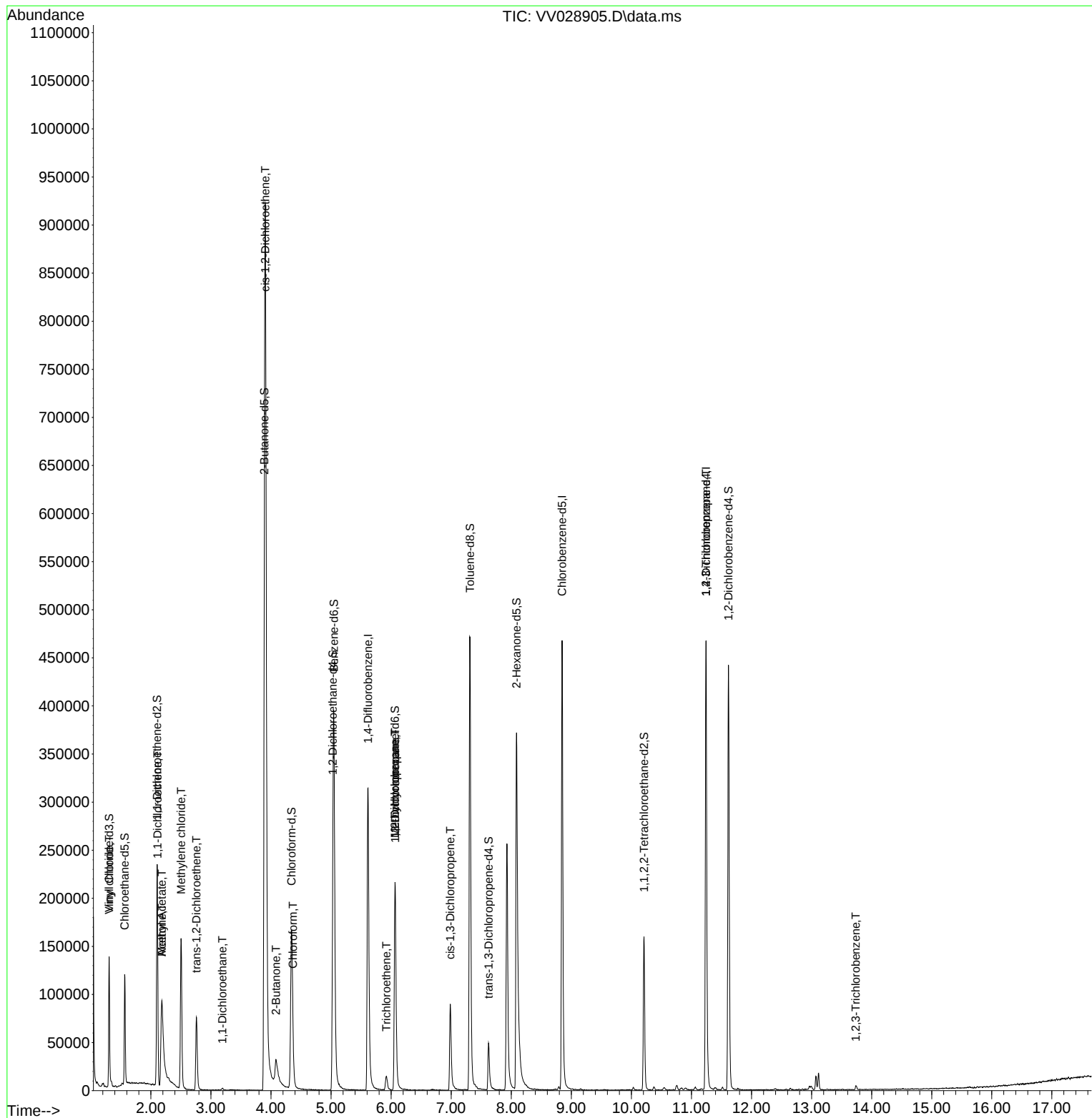
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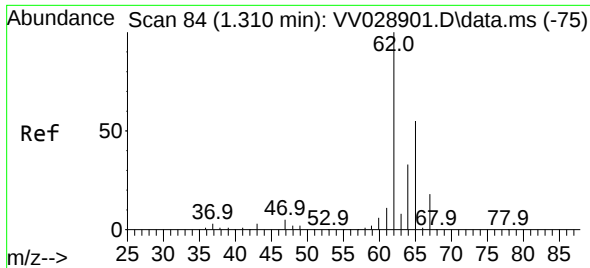
Instrument :
MSVOA_V
ClientSampleId :
GBMX5

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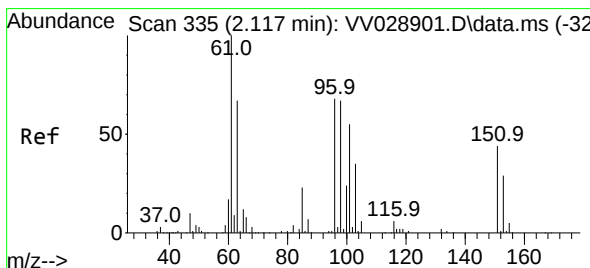
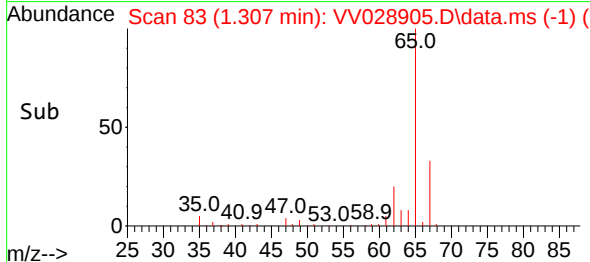
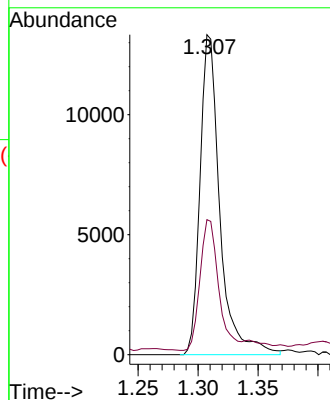
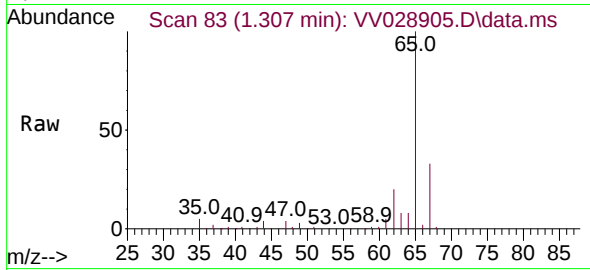




#5
 Vinyl chloride
 Concen: 0.652 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV028905.D
 Acq: 12 Nov 2022 03:48

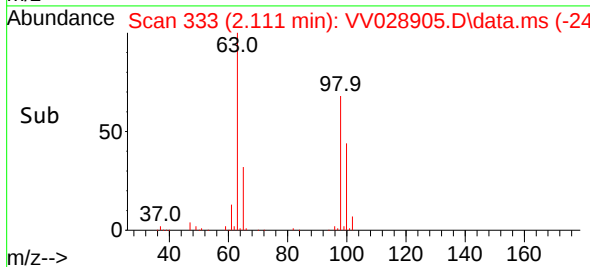
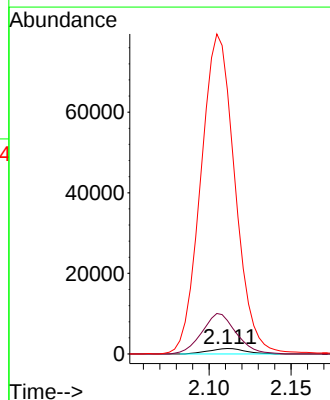
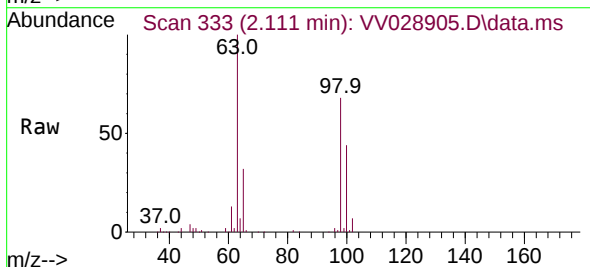
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 MSVOA_V
 ClientSampleId :
 GBMX5

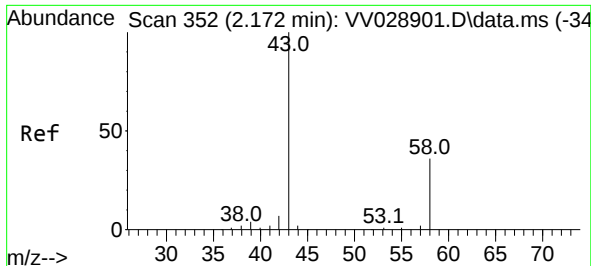
Tgt Ion: 62 Resp: 15357
 Ion Ratio Lower Upper
 62 100
 64 42.2 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.116 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV028905.D
 Acq: 12 Nov 2022 03:48

Tgt Ion: 96 Resp: 2088
 Ion Ratio Lower Upper
 96 100
 61 605.2 104.2 193.4#
 63 4784.2 75.9 140.9#

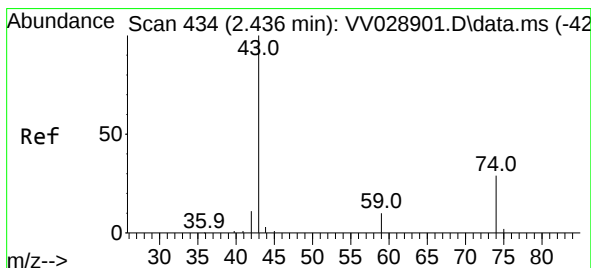
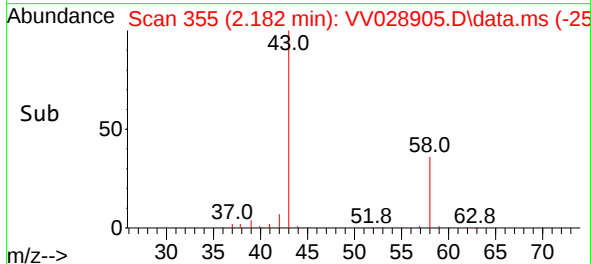
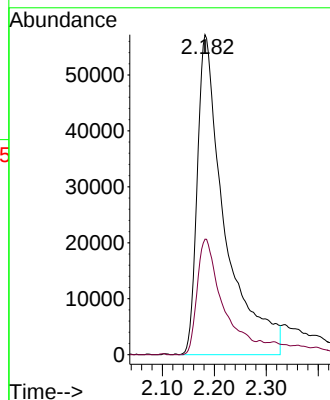
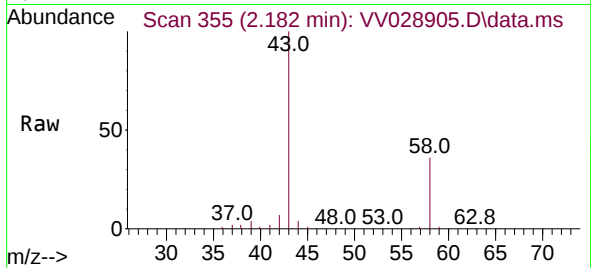




#13
Acetone
Concen: 107.093 ug/L
RT: 2.182 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

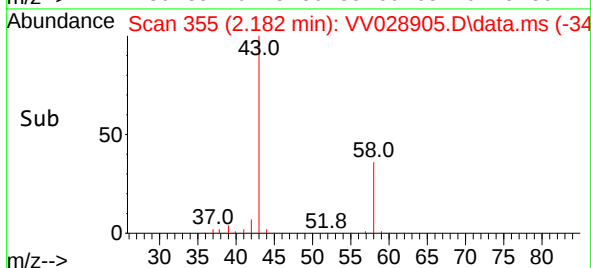
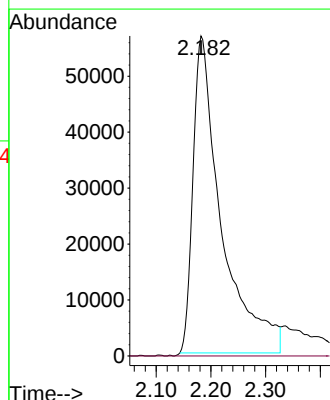
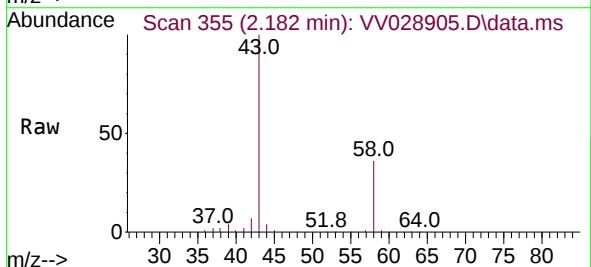
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MSVOA_V
ClientSampleId :
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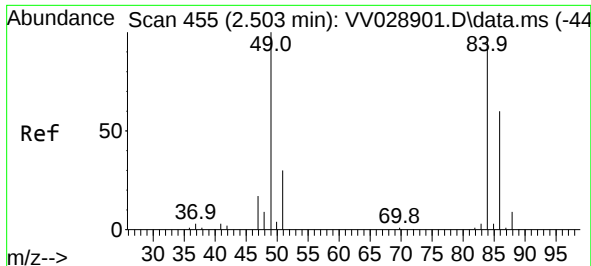
Tgt Ion: 43 Resp: 209887
Ion Ratio Lower Upper
43 100
58 33.4 0.0 56.6



#15
Methyl Acetate
Concen: 42.808 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.254 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Tgt Ion: 43 Resp: 203611
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#

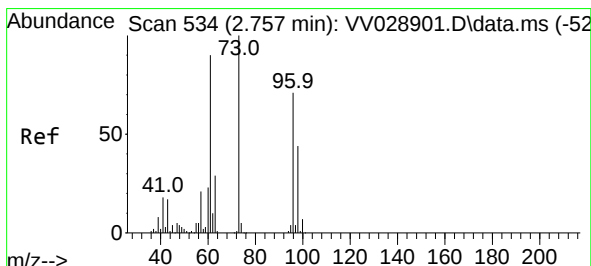
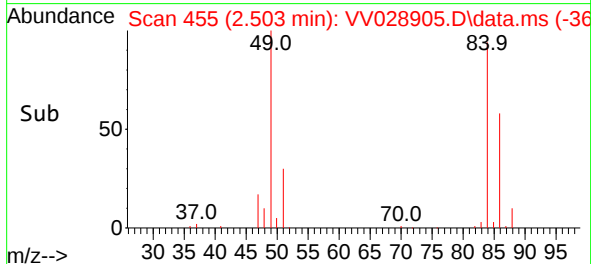
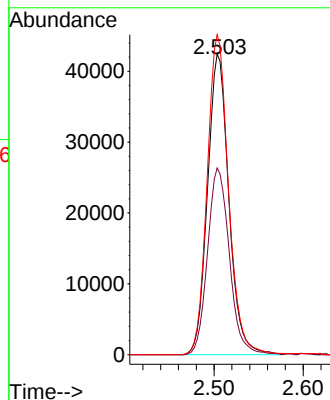
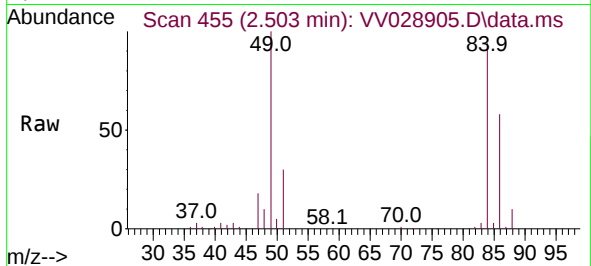




#16
Methylene chloride
Concen: 3.019 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

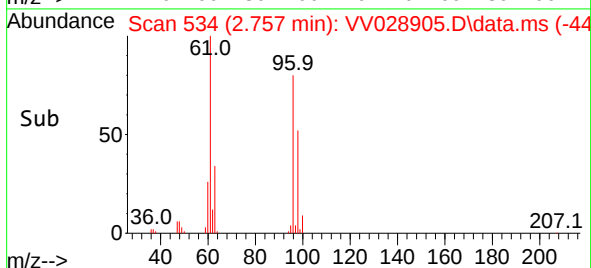
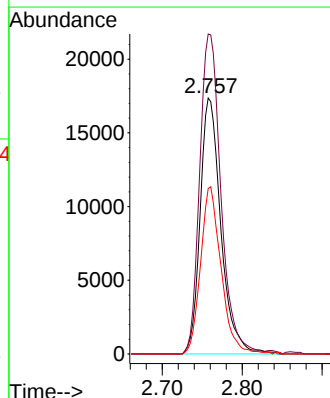
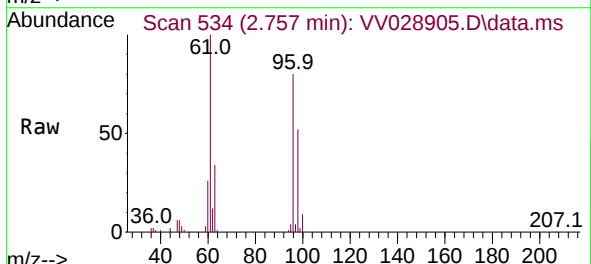
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MSVOA_V
ClientSampleId :
GBMX5

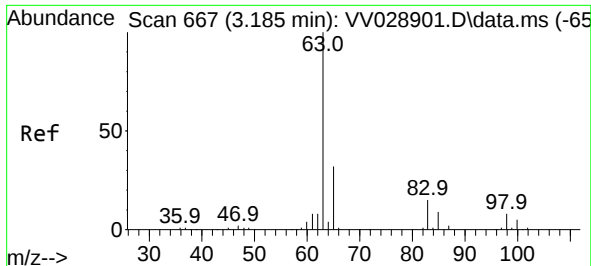
Tgt Ion: 84 Resp: 70545
Ion Ratio Lower Upper
84 100
86 62.0 45.8 85.0
49 106.3 75.5 140.1



#18
trans-1,2-Dichloroethene
Concen: 1.499 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Tgt Ion: 96 Resp: 31417
Ion Ratio Lower Upper
96 100
61 125.0 91.8 170.6
98 64.6 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.068 ug/L

RT: 3.192 min Scan# 60

Delta R.T. 0.007 min

Lab File: VV028905.D

Acq: 12 Nov 2022 03:48

Instrument :

MSVOA_V

ClientSampleId :

GBMX5

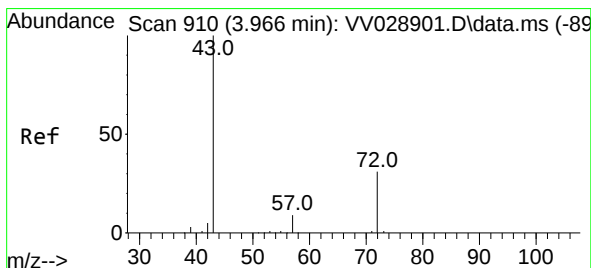
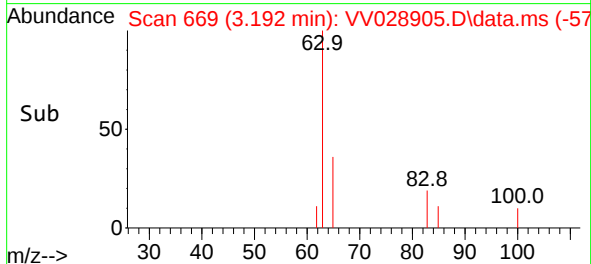
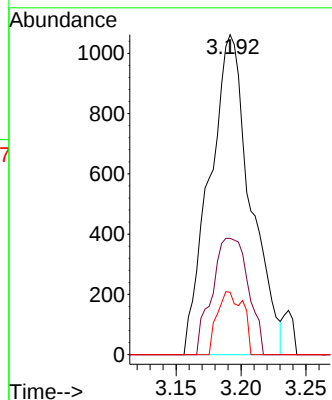
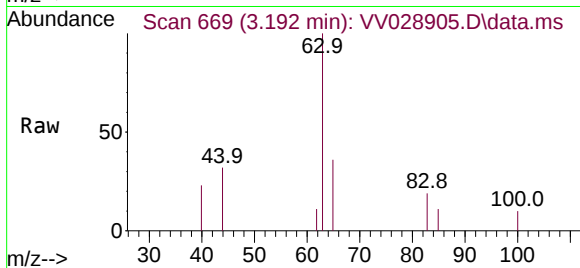
Tgt Ion: 63 Resp: 2323

Ion Ratio Lower Upper

63 100

65 36.3 23.0 42.6

83 19.5 9.4 17.6#



#21

2-Butanone

Concen: 16.954 ug/L

RT: 4.085 min Scan# 947

Delta R.T. 0.119 min

Lab File: VV028905.D

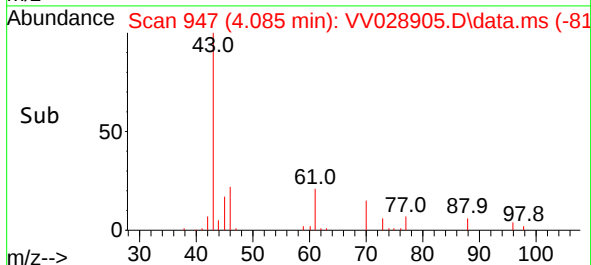
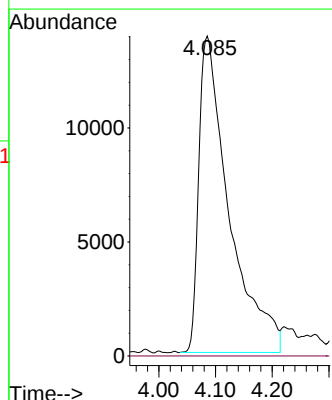
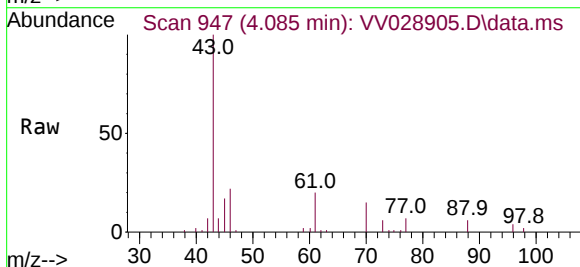
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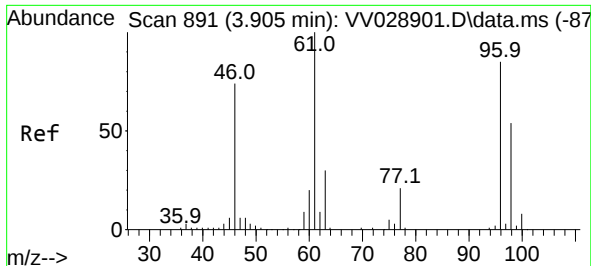
Tgt Ion: 43 Resp: 51442

Ion Ratio Lower Upper

43 100

72 7.4 11.9 35.9#





#22

cis-1,2-Dichloroethene

Concen: 24.692 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028905.D

Acq: 12 Nov 2022 03:48

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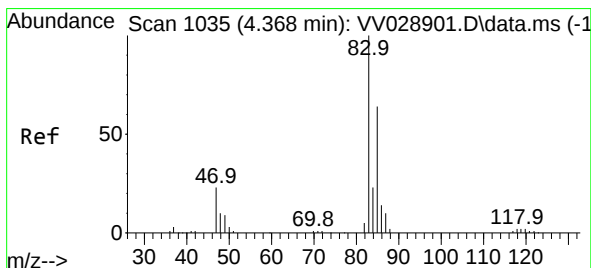
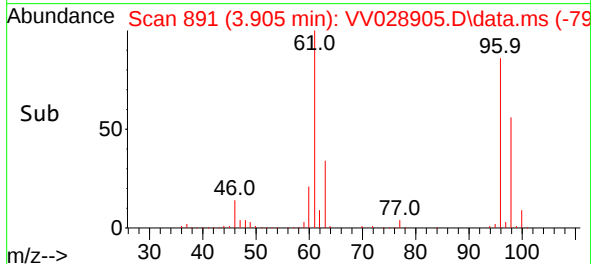
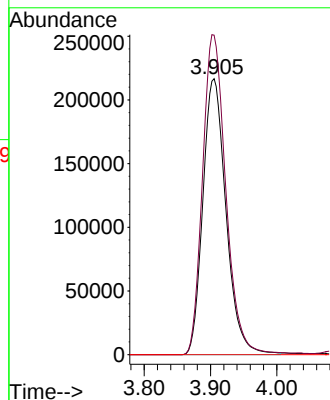
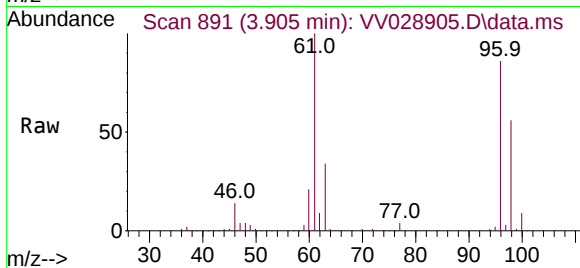
Tgt Ion: 96 Resp: 526186

Ion Ratio Lower Upper

96 100

61 115.7 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.090 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028905.D

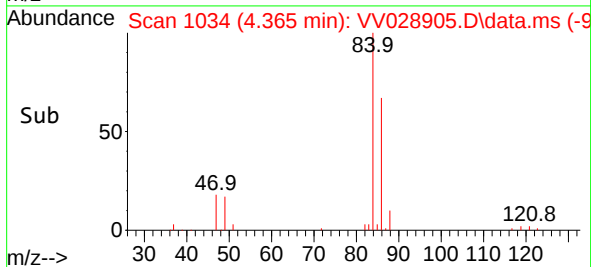
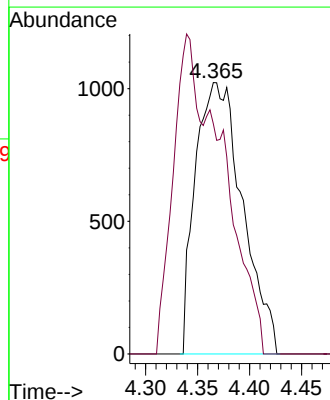
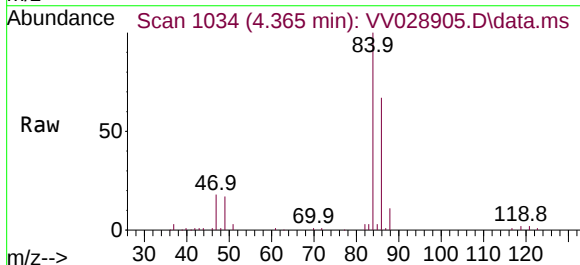
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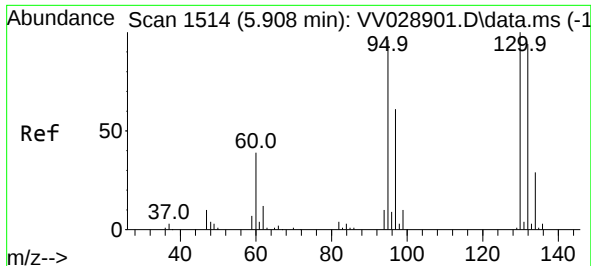
Tgt Ion: 83 Resp: 3216

Ion Ratio Lower Upper

83 100

85 84.8 43.7 81.1#



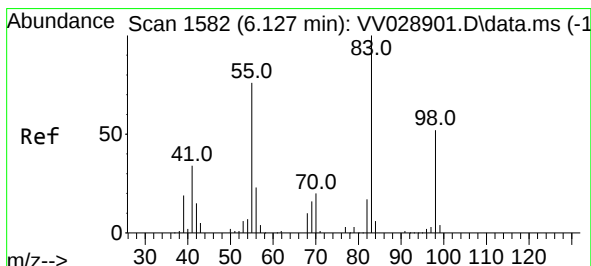
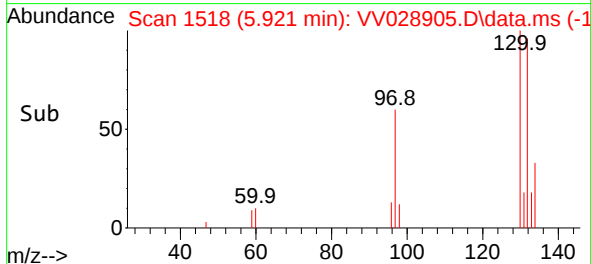
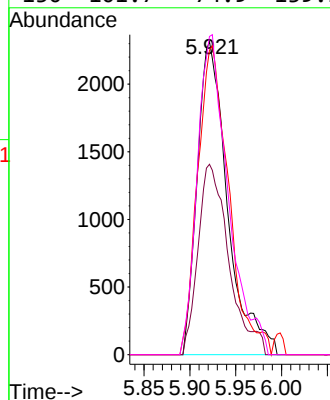
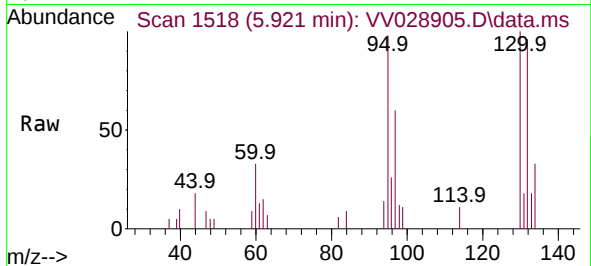


#34
Trichloroethene
Concen: 0.245 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Instrument :
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Tgt Ion: 95 Resp: 5322

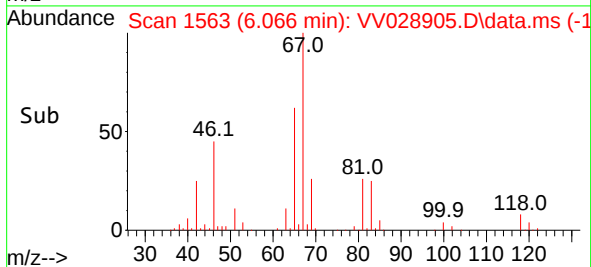
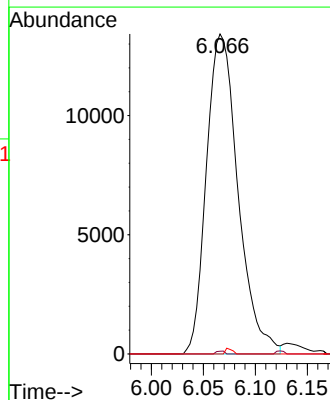
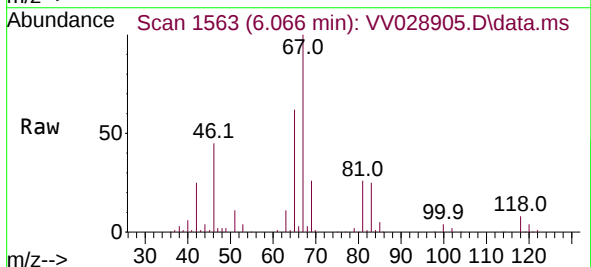
Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.6	84.8
132	97.3	69.1	128.3
130	101.7	74.9	139.1

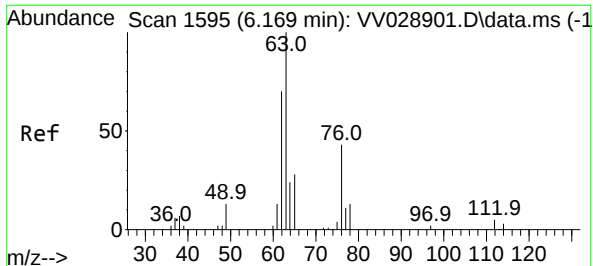


#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Tgt Ion: 83 Resp: 28365

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.8	83.6#
98	0.4	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV028905.D

Acq: 12 Nov 2022 03:48

Instrument :

MSVOA_V

ClientSampleId :

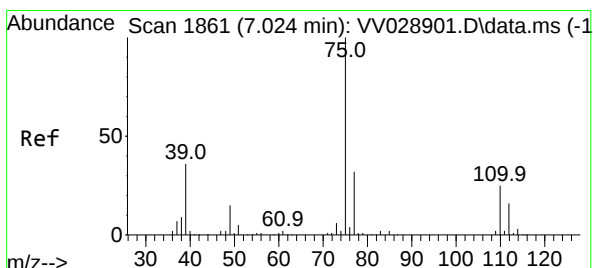
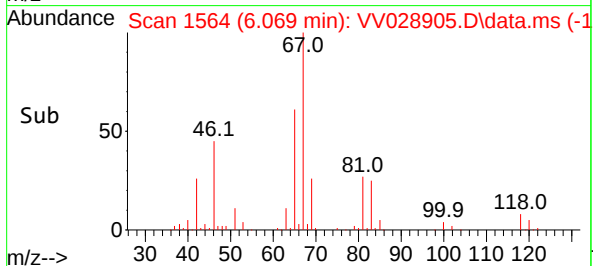
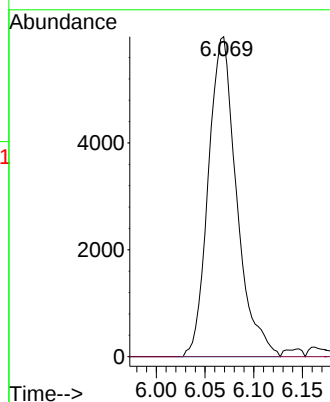
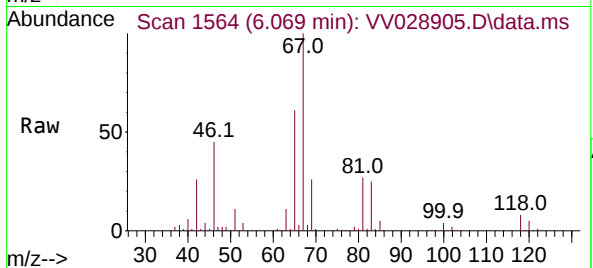
GBMX5

Tgt Ion: 63 Resp: 12092

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV028905.D

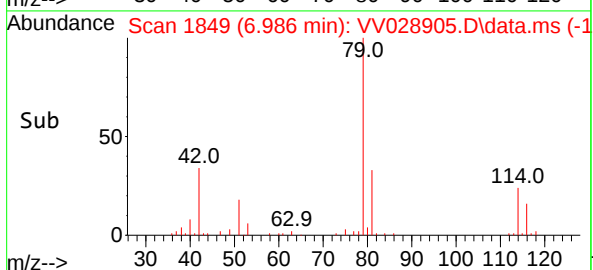
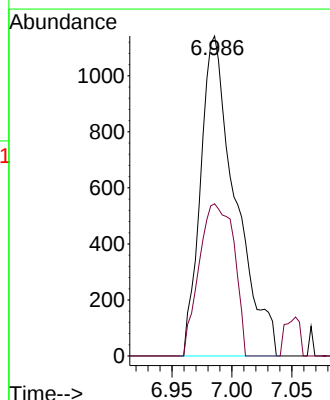
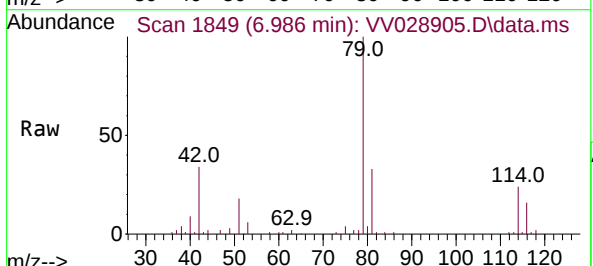
Acq: 12 Nov 2022 03:48

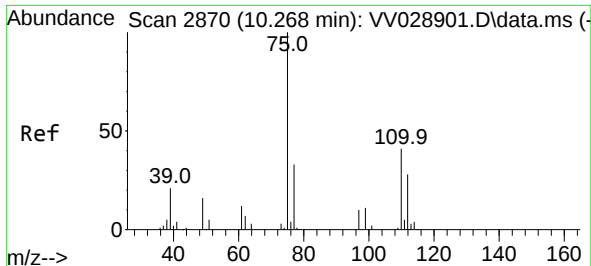
Tgt Ion: 75 Resp: 2306

Ion Ratio Lower Upper

75 100

77 47.5 21.8 40.6#

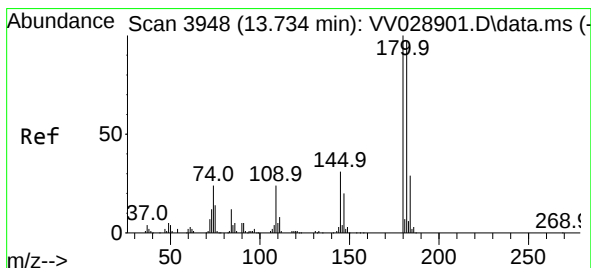
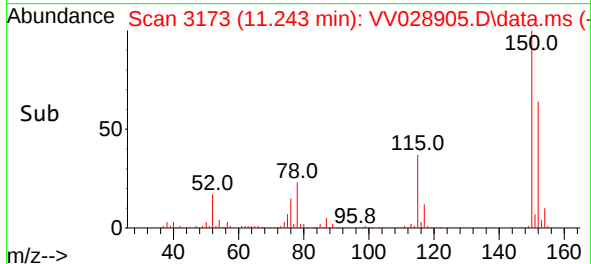
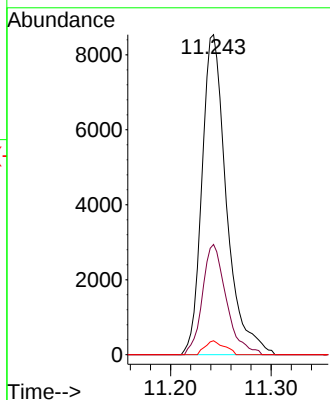
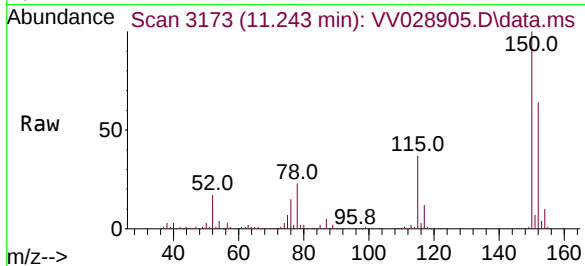




#61
1,2,3-Trichloropropane
Concen: 1.571 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Instrument :
MSVOA_V
ClientSampleId :
GBMX5

Tgt Ion: 75 Resp: 14440
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.2
110 3.4 32.6 48.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.088 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Tgt Ion:180 Resp: 1788
Ion Ratio Lower Upper
180 100
182 85.2 75.4 113.2
145 32.0 24.9 37.3

