

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030449.D
 Acq On : 07 Apr 2023 17:45
 Operator : SY/MD
 Sample : 02225-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB7

Quant Time: Apr 10 03:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

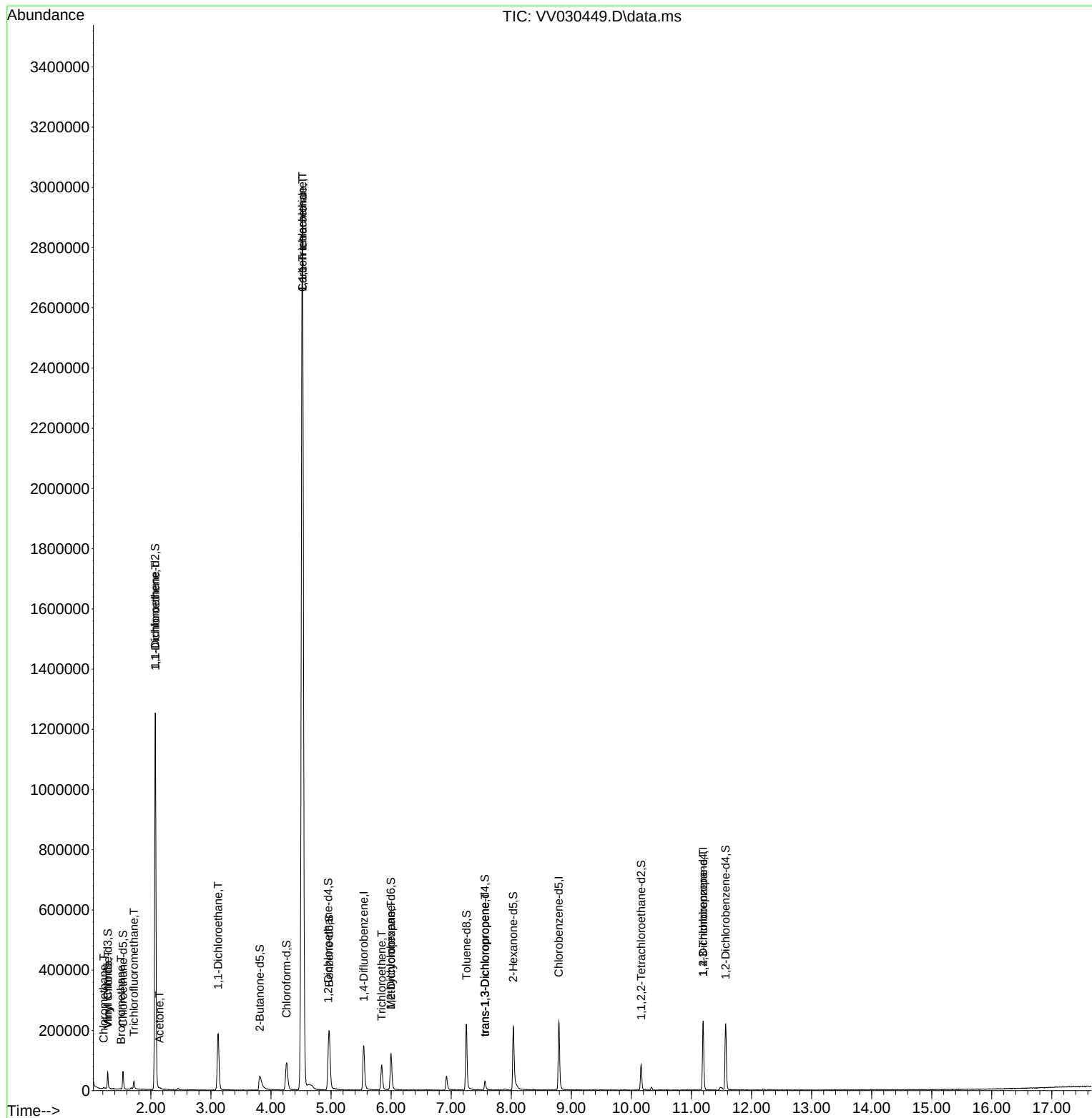
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126398	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	124477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60086	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	34420	4.112	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.536	69	37836	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.073	63	259859	13.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	261.600%#
20) 2-Butanone-d5	3.815	46	100674	46.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.060%
24) Chloroform-d	4.259	84	95983	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	49842	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.970	84	172650	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	5.998	67	53409	4.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.252	98	146229	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.561	79	17370	4.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.034	63	74613	44.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38665	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	57860	5.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3588	0.177	ug/L	97
5) Vinyl chloride	1.285	62	1634	0.111	ug/L #	48
6) Bromomethane	1.503	94	488	0.116	ug/L #	47
9) Trichlorofluoromethane	1.719	101	14911	0.692	ug/L	93
12) 1,1-Dichloroethene	2.076	96	336381	31.851	ug/L #	71
13) Acetone	2.143	43	7256	3.507	ug/L	89
19) 1,1-Dichloroethane	3.121	63	186072	8.627	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	2391994	119.558	ug/L	99
31) Carbon tetrachloride	4.523	117	296941	16.357	ug/L	99
34) Trichloroethene	5.844	95	28091	2.356	ug/L	99
35) Methylcyclohexane	5.998	83	14004	0.748	ug/L #	17
44) trans-1,3-Dichloropropene	7.564	75	1356	0.100	ug/L #	80
61) 1,2,3-Trichloropropane	11.194	75	6750	1.256	ug/L #	64

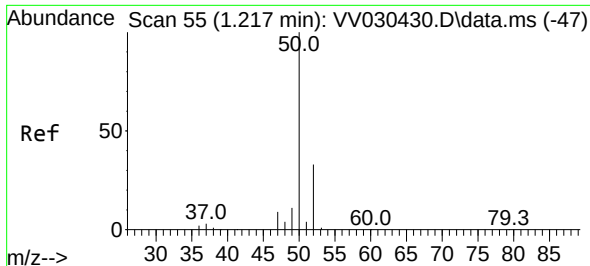
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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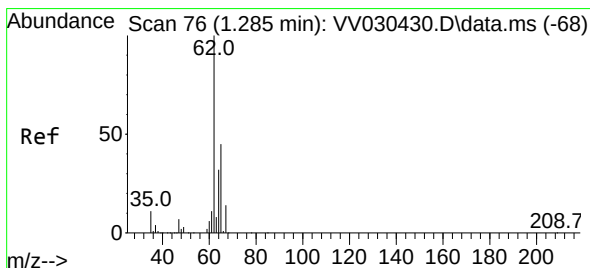
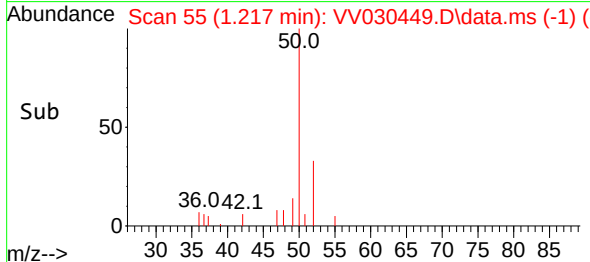
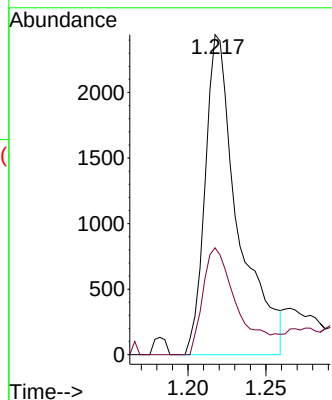
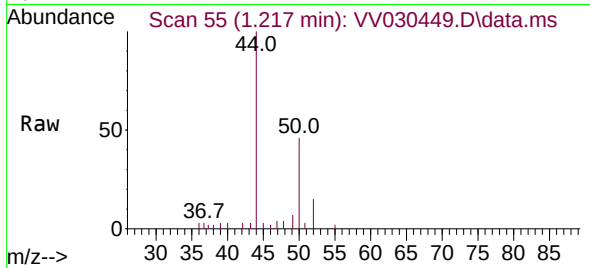




#3
Chloromethane
Concen: 0.177 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

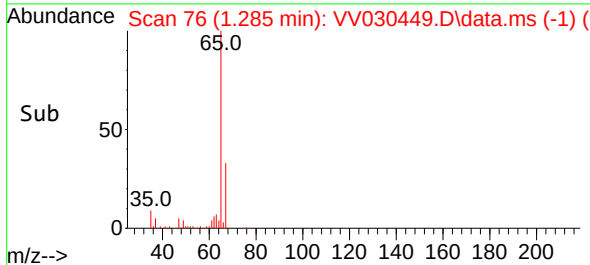
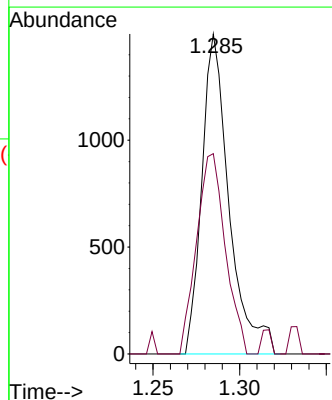
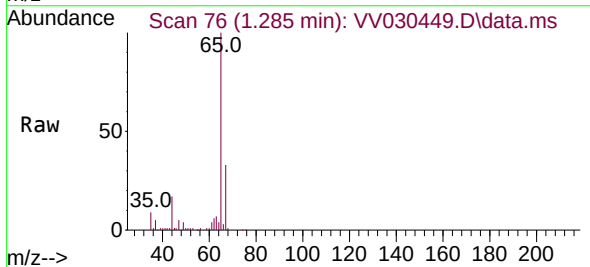
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

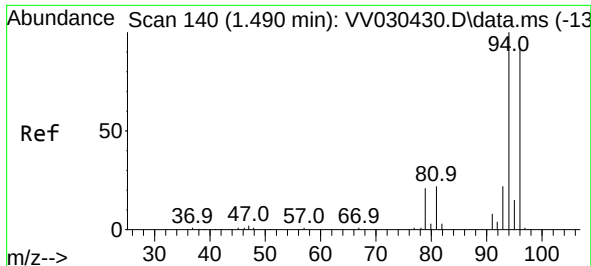
Tgt Ion: 50 Resp: 3588
Ion Ratio Lower Upper
50 100
52 33.4 22.3 41.5



#5
Vinyl chloride
Concen: 0.111 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

Tgt Ion: 62 Resp: 1634
Ion Ratio Lower Upper
62 100
64 62.6 23.2 43.2#

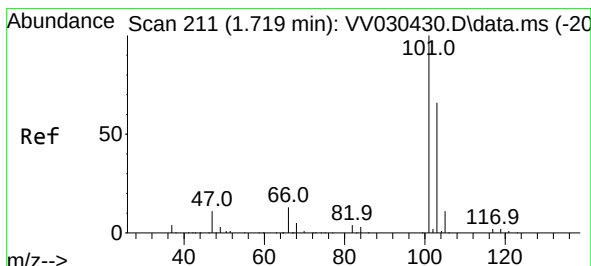
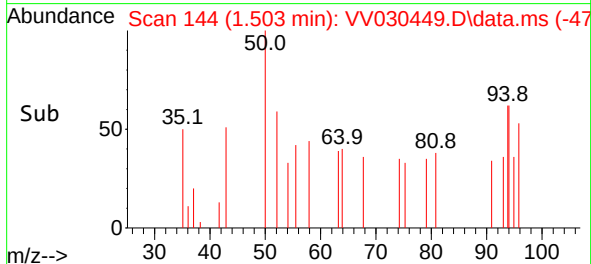
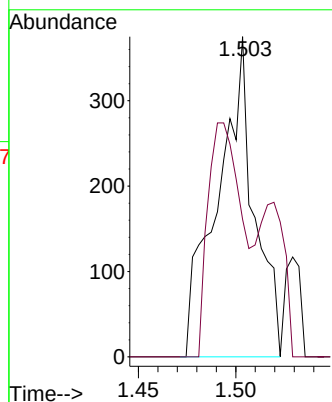
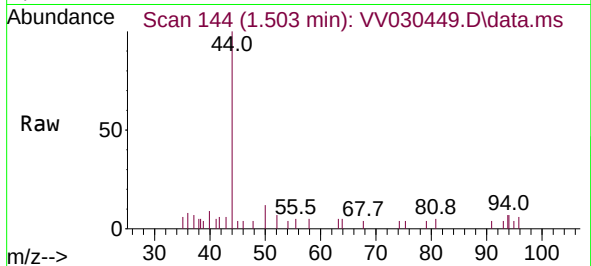




#6
Bromomethane
Concen: 0.116 ug/L
RT: 1.503 min Scan# 140
Delta R.T. 0.013 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

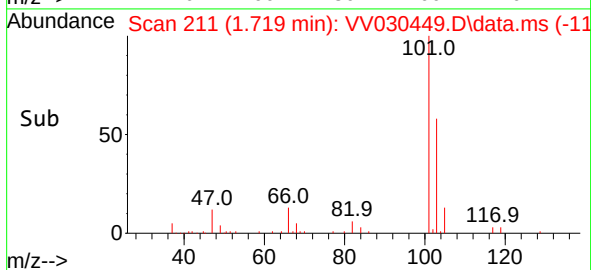
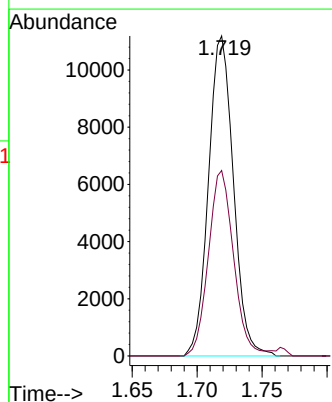
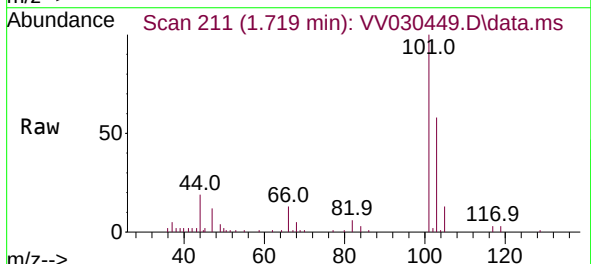
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

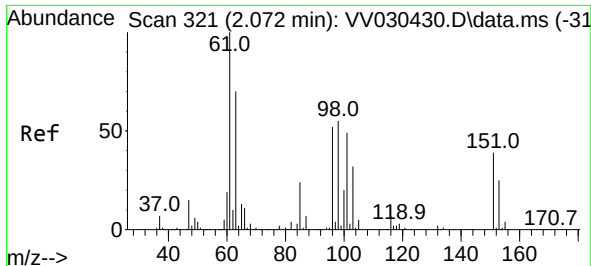
Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 42.9 66.1 122.7#



#9
Trichlorofluoromethane
Concen: 0.692 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

Tgt Ion:101 Resp: 14911
Ion Ratio Lower Upper
101 100
103 58.6 51.0 76.6





#12

1,1-Dichloroethene

Concen: 31.851 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030449.D

Acq: 07 Apr 2023 17:45

Instrument :

MSVOA_V

ClientSampleId :

C0AB7

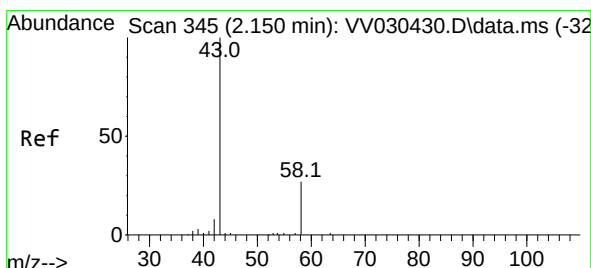
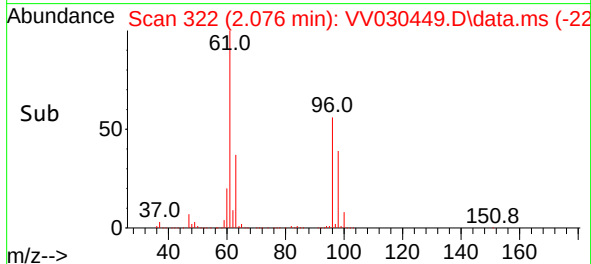
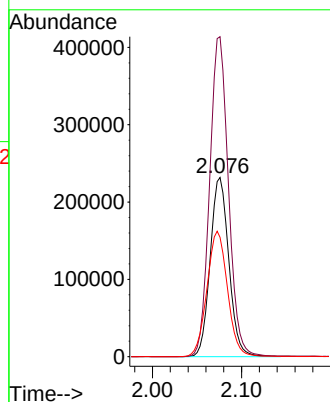
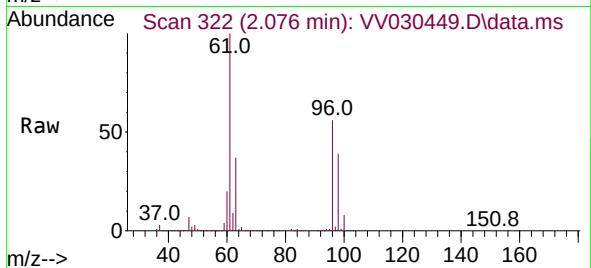
Tgt Ion: 96 Resp: 336381

Ion Ratio Lower Upper

96 100

61 178.5 136.3 253.1

63 66.6 92.1 171.1#



#13

Acetone

Concen: 3.507 ug/L

RT: 2.143 min Scan# 343

Delta R.T. -0.006 min

Lab File: VV030449.D

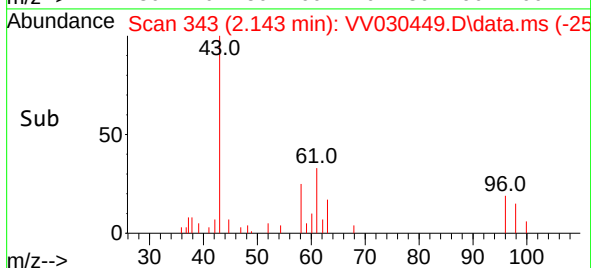
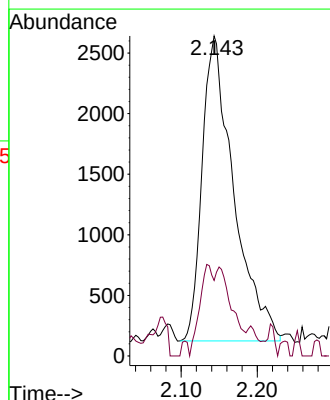
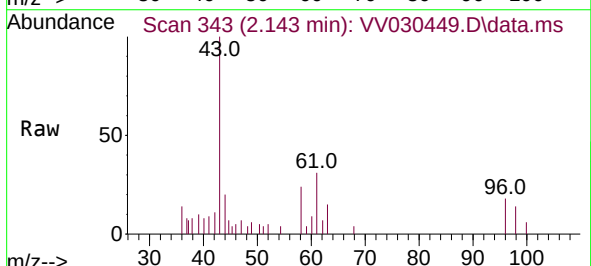
Acq: 07 Apr 2023 17:45

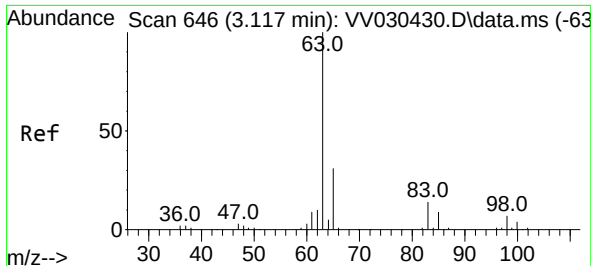
Tgt Ion: 43 Resp: 7256

Ion Ratio Lower Upper

43 100

58 15.5 0.0 40.8





#19

1,1-Dichloroethane

Concen: 8.627 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030449.D

Acq: 07 Apr 2023 17:45

Instrument :

MSVOA_V

ClientSampleId :

C0AB7

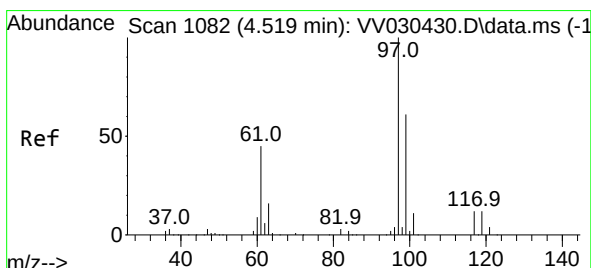
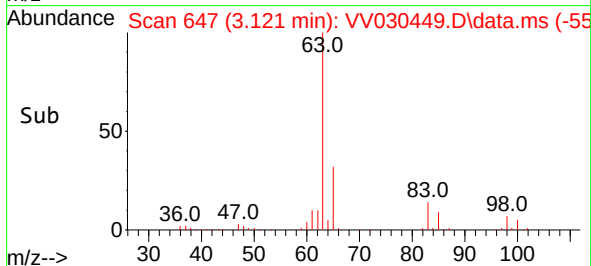
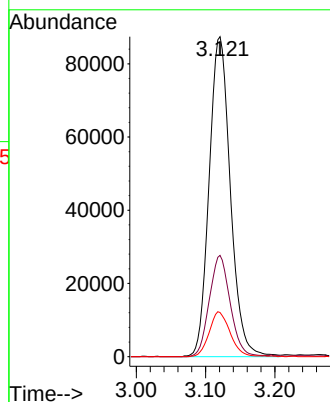
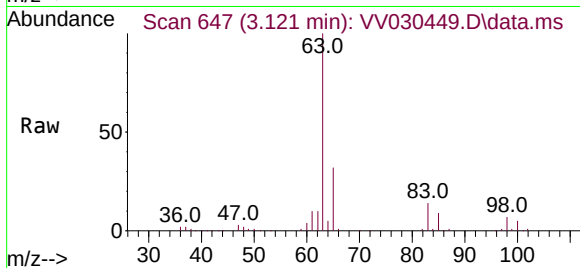
Tgt Ion: 63 Resp: 186072

Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 13.8 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 119.558 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030449.D

Acq: 07 Apr 2023 17:45

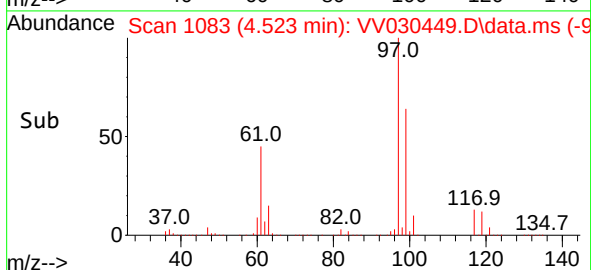
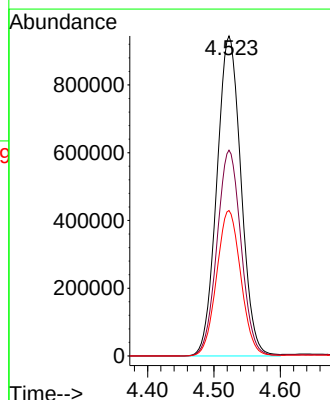
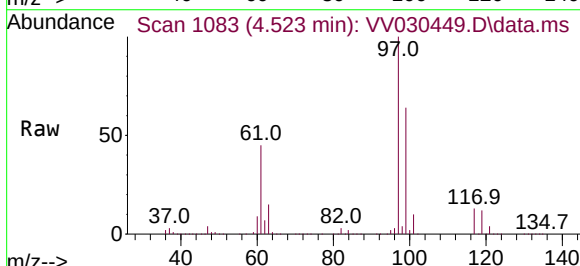
Tgt Ion: 97 Resp: 2391994

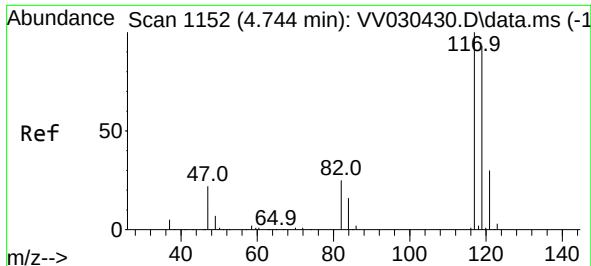
Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

61 45.6 35.9 53.9

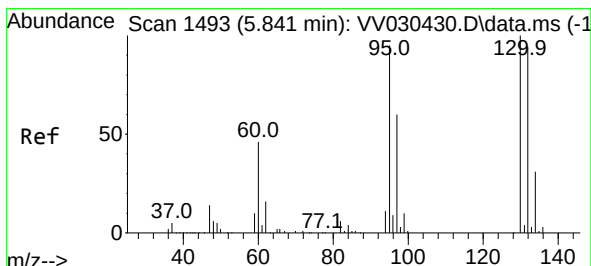
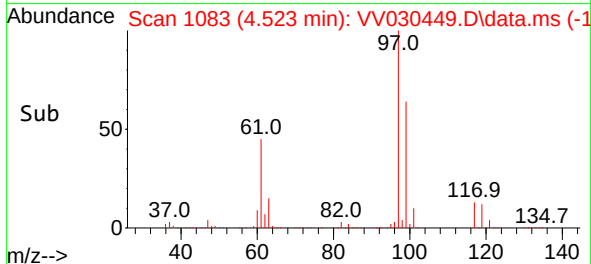
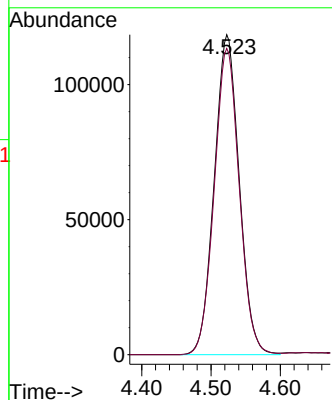
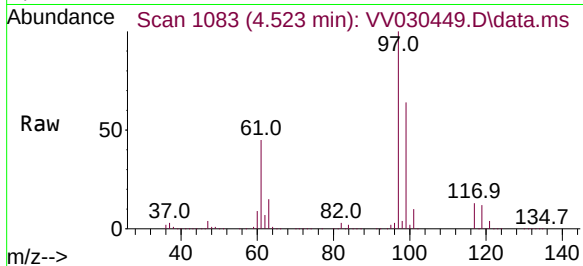




#31
Carbon tetrachloride
Concen: 16.357 ug/L
RT: 4.523 min Scan# 1152
Delta R.T. -0.222 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

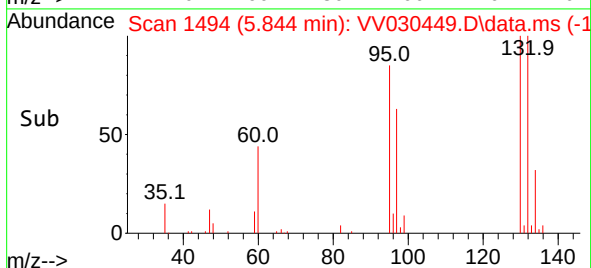
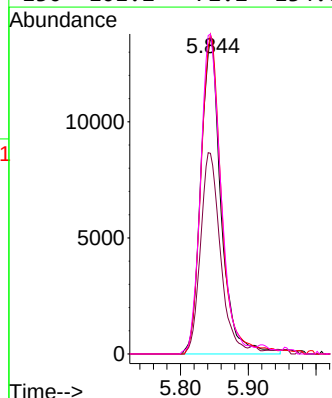
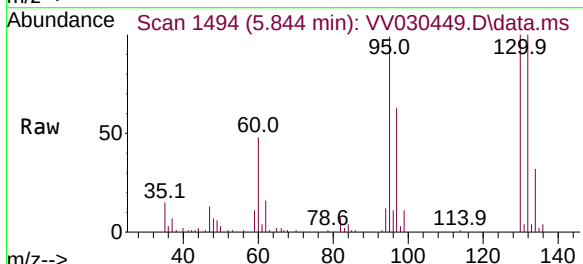
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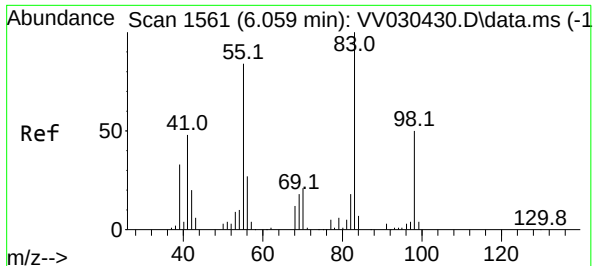
Tgt Ion:117 Resp: 296941
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4



#34
Trichloroethene
Concen: 2.356 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.003 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

Tgt Ion: 95 Resp: 28091
Ion Ratio Lower Upper
95 100
97 63.5 44.2 82.2
132 101.2 69.5 129.1
130 101.2 72.2 134.0

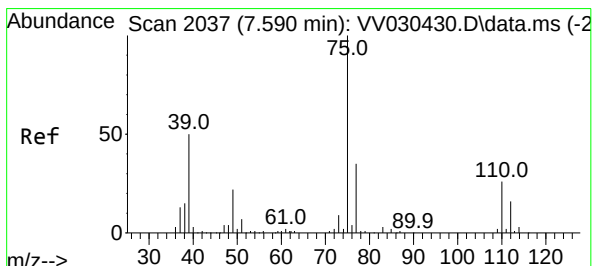
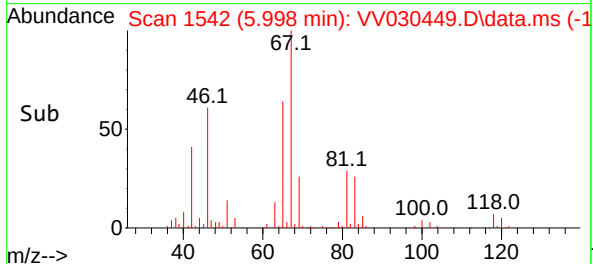
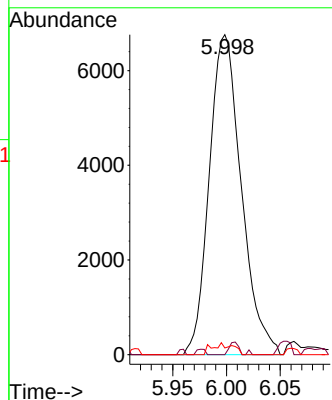
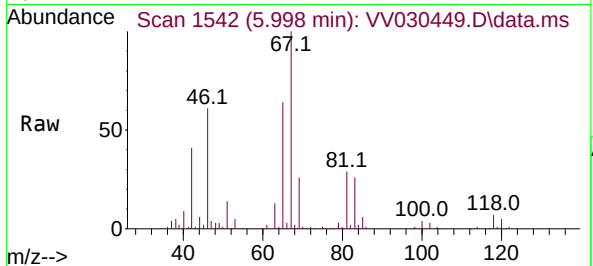




#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

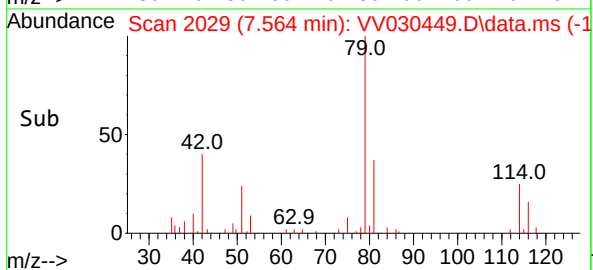
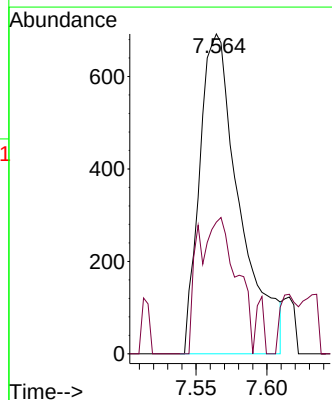
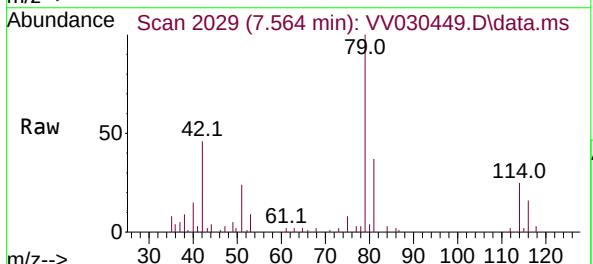
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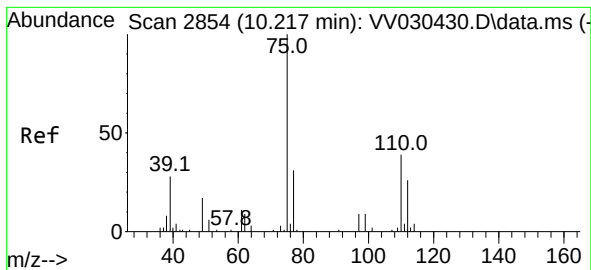
Tgt Ion: 83 Resp: 14004
Ion Ratio Lower Upper
83 100
55 1.1 66.6 100.0#
98 1.7 38.6 58.0#



#44
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.564 min Scan# 2029
Delta R.T. -0.026 min
Lab File: VV030449.D
Acq: 07 Apr 2023 17:45

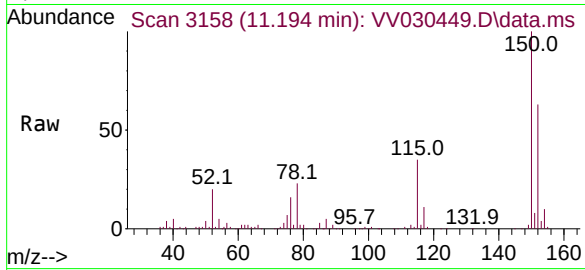
Tgt Ion: 75 Resp: 1356
Ion Ratio Lower Upper
75 100
77 41.2 21.2 39.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.256 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV030449.D
 Acq: 07 Apr 2023 17:45

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB7



Tgt Ion: 75 Resp: 6750
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.0 39.0
 110 0.3 31.6 47.4#

