

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030446.D
 Acq On : 07 Apr 2023 16:31
 Operator : SY/MD
 Sample : 02225-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9

Quant Time: Apr 10 03:57:54 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)

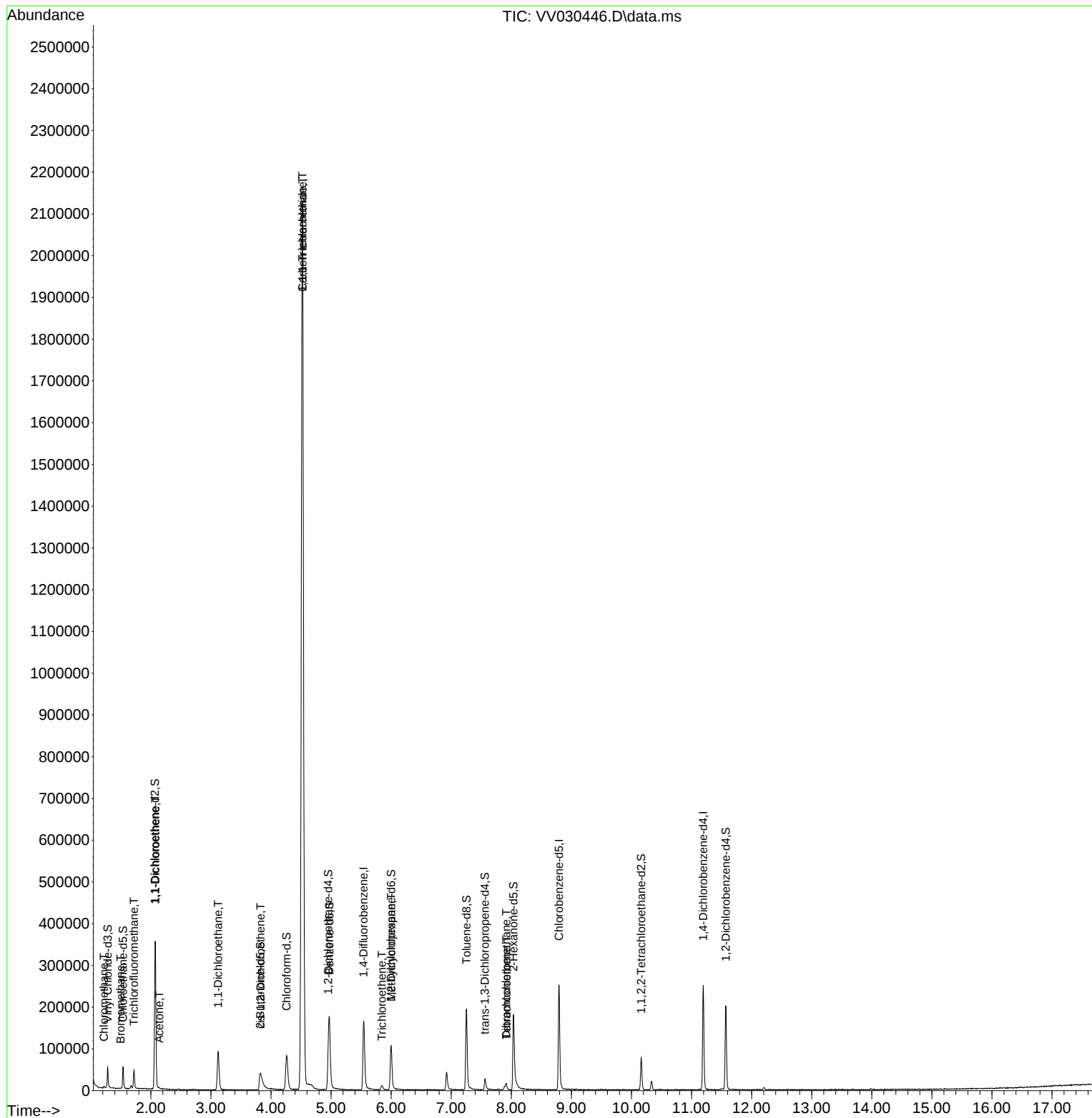
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	143142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30613	3.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.535	69	32433	3.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.069	63	104856	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.822	46	88310	36.039	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.080%
24) Chloroform-d	4.259	84	86605	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
26) 1,2-Dichloroethane-d4	4.953	65	44160	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	4.973	84	158629	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.998	67	47569	3.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.252	98	131633	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.561	79	15783	3.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.034	63	64699	35.202	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34352	3.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	52151	4.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3344	0.146	ug/L	92
6) Bromomethane	1.497	94	404	0.085	ug/L	90
9) Trichlorofluoromethane	1.719	101	23538	0.965	ug/L	95
12) 1,1-Dichloroethene	2.076	96	82153	6.869	ug/L #	80
13) Acetone	2.140	43	3851	1.643	ug/L	96
19) 1,1-Dichloroethane	3.121	63	88309	3.615	ug/L	97
22) cis-1,2-Dichloroethene	3.828	96	2360	0.187	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	1739976	78.616	ug/L	99
31) Carbon tetrachloride	4.522	117	213439	10.628	ug/L	99
34) Trichloroethene	5.847	95	3112	0.236	ug/L	96
35) Methylcyclohexane	5.998	83	12396	0.599	ug/L #	16
47) Tetrachloroethene	7.918	164	3548	0.305	ug/L #	76
49) Dibromochloromethane	7.915	129	3175	0.302	ug/L #	12

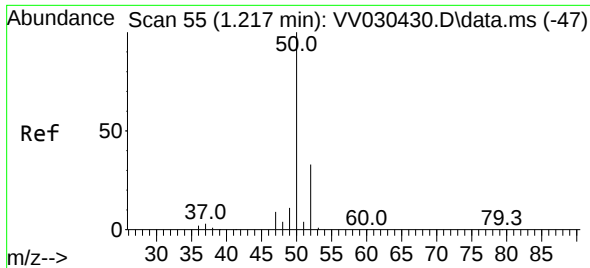
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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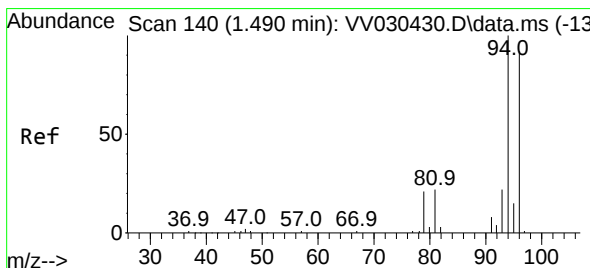
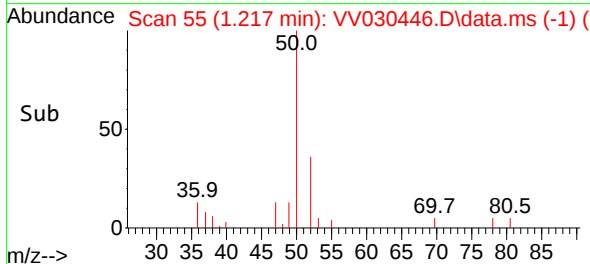
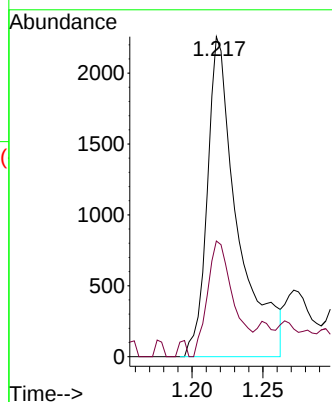
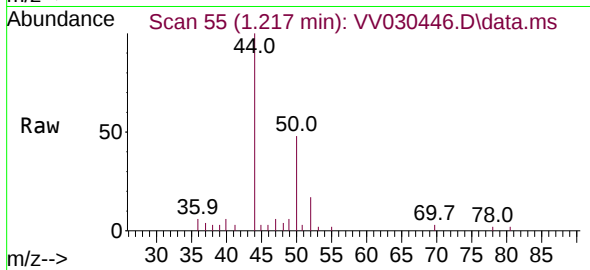




#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030446.D
Acq: 07 Apr 2023 16:31

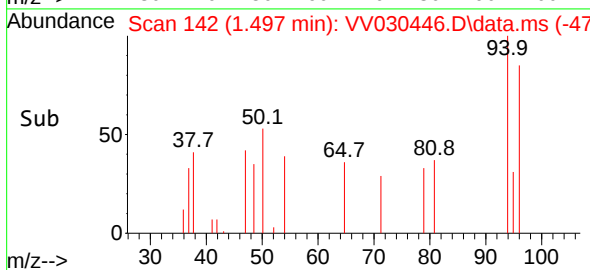
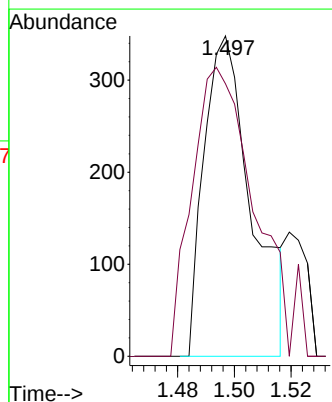
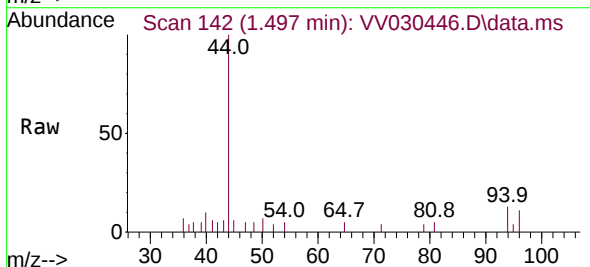
Instrument :
MSVOA_V
ClientSampleId :
C0AA9

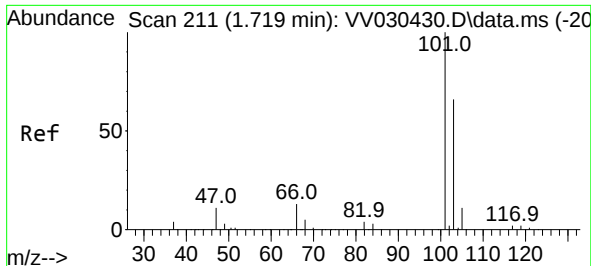
Tgt Ion: 50 Resp: 3344
Ion Ratio Lower Upper
50 100
52 36.2 22.3 41.5



#6
Bromomethane
Concen: 0.085 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030446.D
Acq: 07 Apr 2023 16:31

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 85.1 66.1 122.7

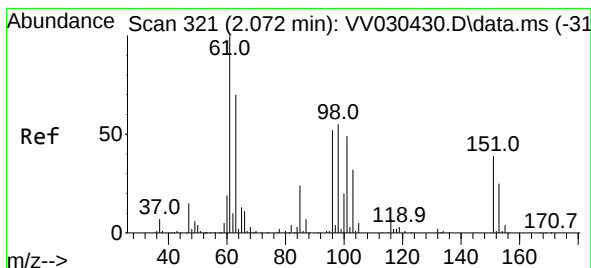
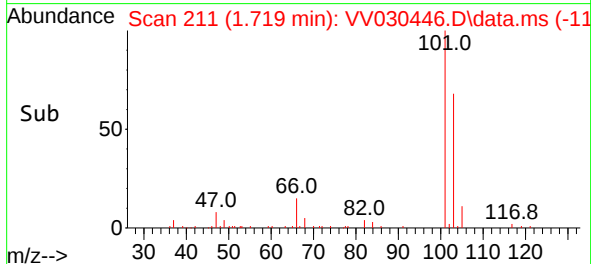
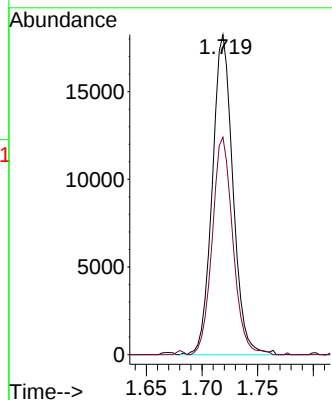
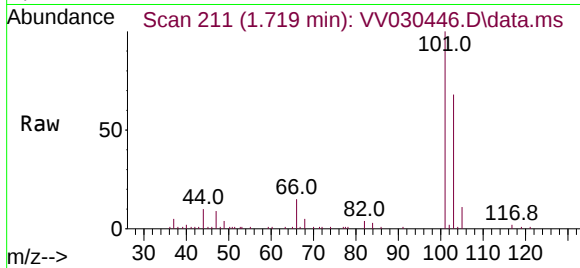




#9
 Trichlorofluoromethane
 Concen: 0.965 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV030446.D
 Acq: 07 Apr 2023 16:31

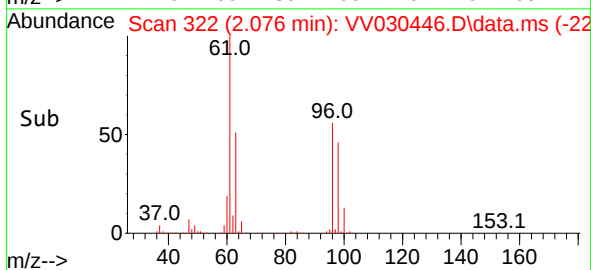
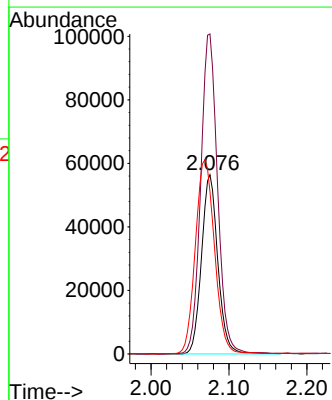
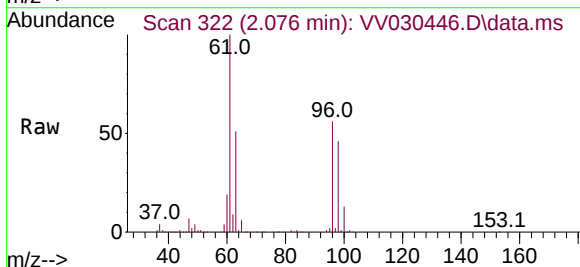
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9

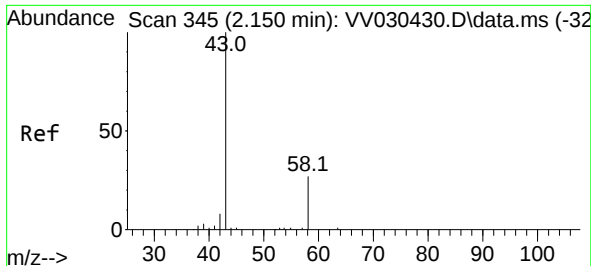
Tgt Ion:101 Resp: 23538
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 6.869 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030446.D
 Acq: 07 Apr 2023 16:31

Tgt Ion: 96 Resp: 82153
 Ion Ratio Lower Upper
 96 100
 61 178.6 136.3 253.1
 63 90.8 92.1 171.1#





#13

Acetone

Concen: 1.643 ug/L

RT: 2.140 min Scan# 345

Delta R.T. -0.010 min

Lab File: VV030446.D

Acq: 07 Apr 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

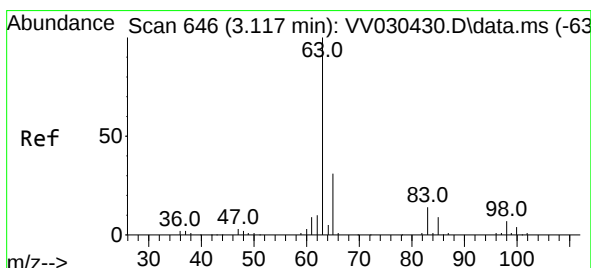
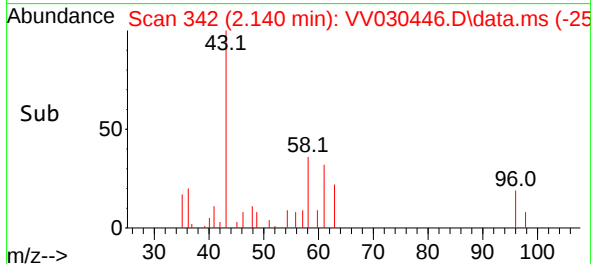
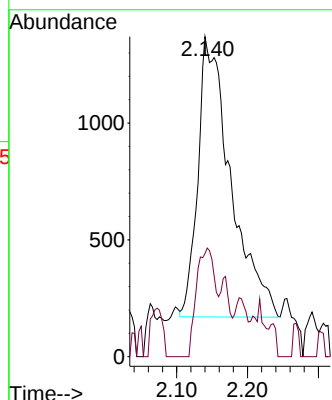
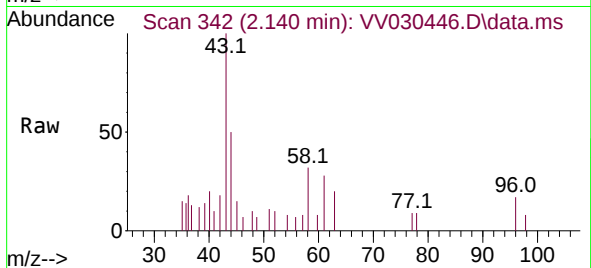
C0AA9

Tgt Ion: 43 Resp: 3851

Ion Ratio Lower Upper

43 100

58 22.4 0.0 40.8



#19

1,1-Dichloroethane

Concen: 3.615 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030446.D

Acq: 07 Apr 2023 16:31

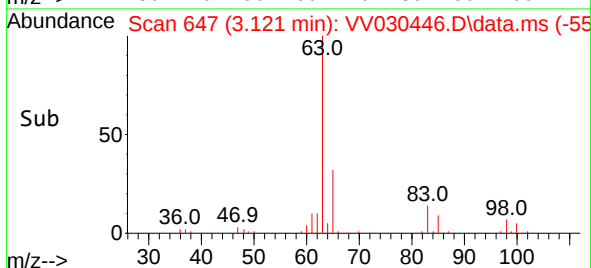
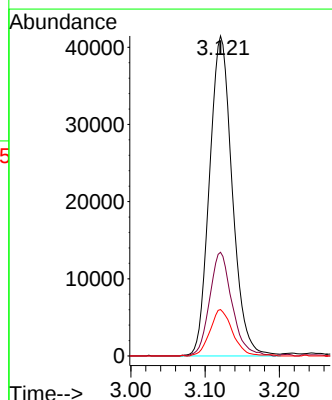
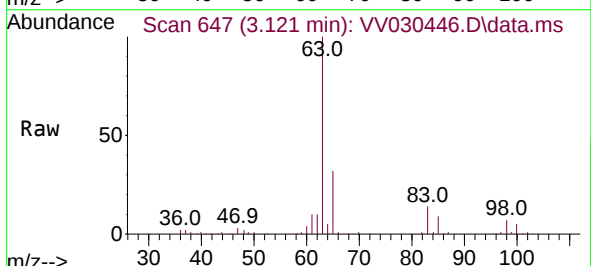
Tgt Ion: 63 Resp: 88309

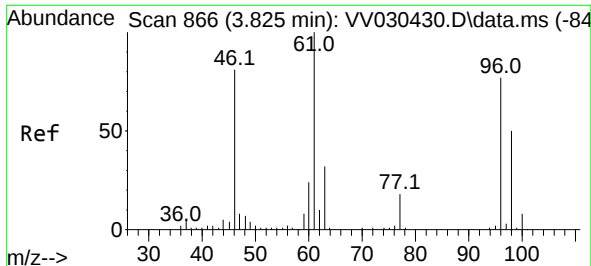
Ion Ratio Lower Upper

63 100

65 32.4 21.7 40.3

83 14.5 9.1 16.9

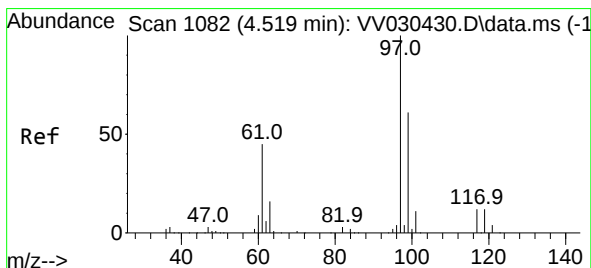
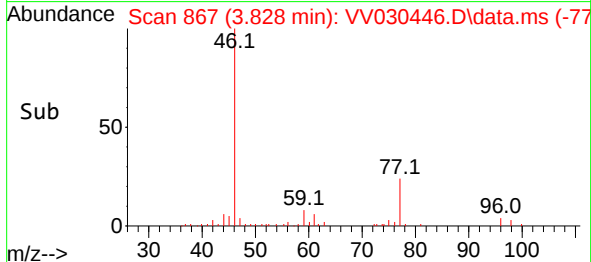
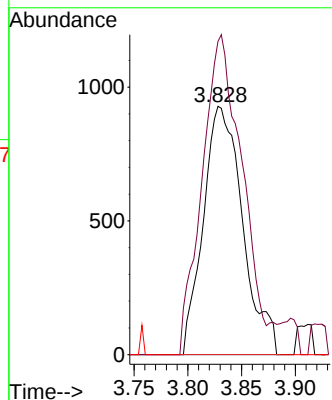
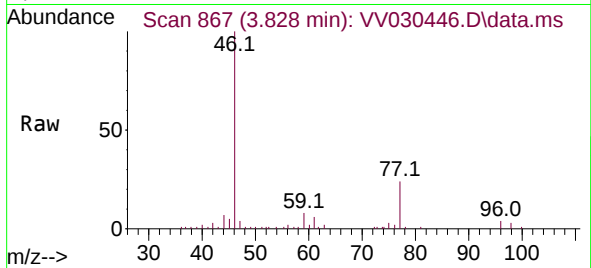




#22
 cis-1,2-Dichloroethene
 Concen: 0.187 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV030446.D
 Acq: 07 Apr 2023 16:31

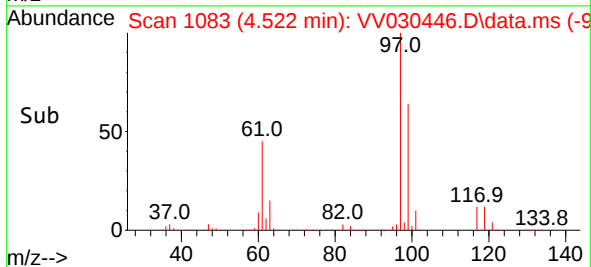
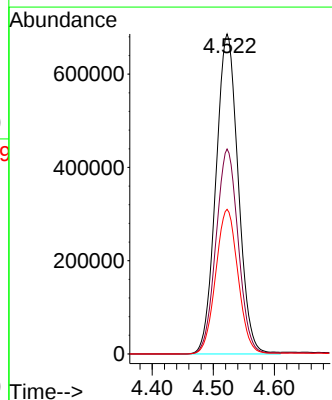
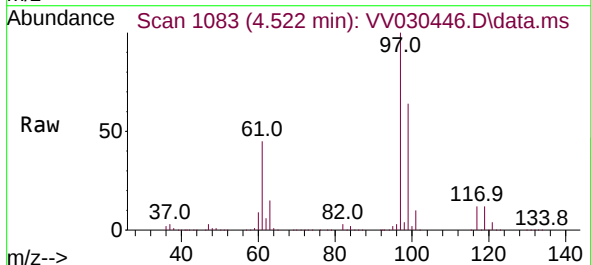
Instrument :
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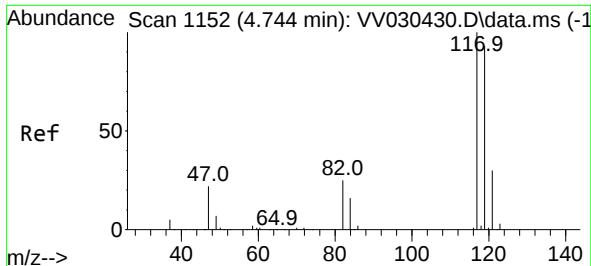
Tgt Ion: 96 Resp: 2360
 Ion Ratio Lower Upper
 96 100
 61 126.2 92.0 170.8
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 78.616 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030446.D
 Acq: 07 Apr 2023 16:31

Tgt Ion: 97 Resp: 1739976
 Ion Ratio Lower Upper
 97 100
 99 64.1 50.9 76.3
 61 45.3 35.9 53.9

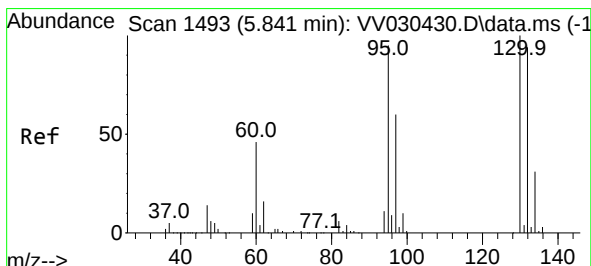
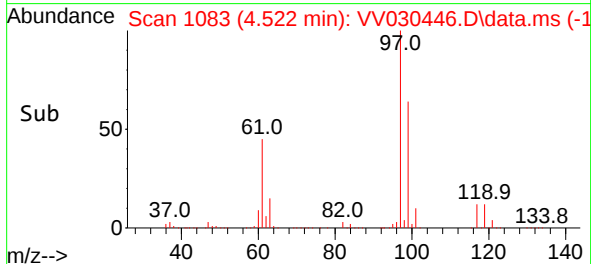
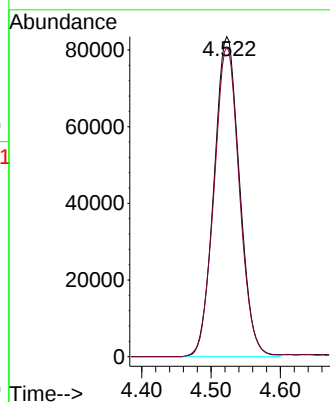
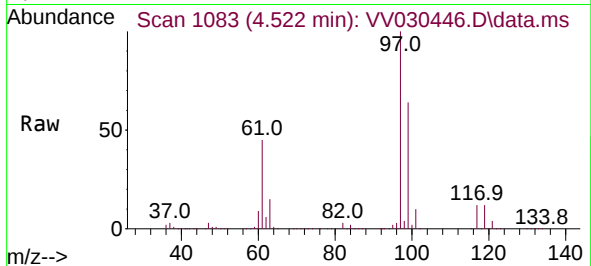




#31
Carbon tetrachloride
Concen: 10.628 ug/L
RT: 4.522 min Scan# 1152
Delta R.T. -0.222 min
Lab File: VV030446.D
Acq: 07 Apr 2023 16:31

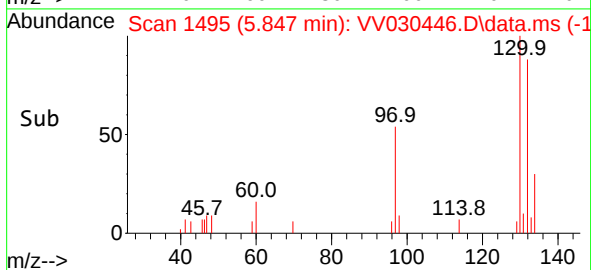
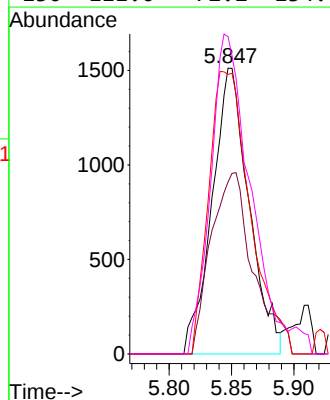
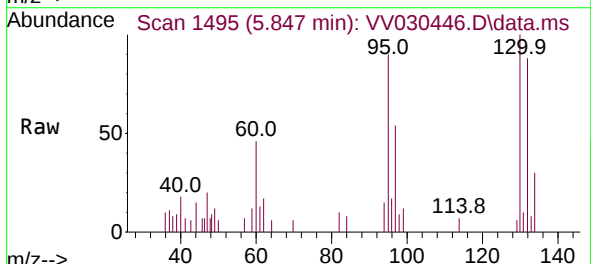
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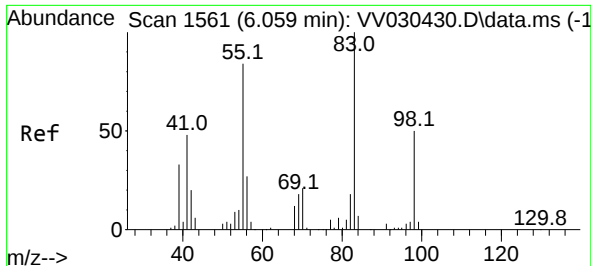
Tgt Ion:117 Resp: 213439
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4



#34
Trichloroethene
Concen: 0.236 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VV030446.D
Acq: 07 Apr 2023 16:31

Tgt Ion: 95 Resp: 3112
Ion Ratio Lower Upper
95 100
97 60.2 44.2 82.2
132 97.9 69.5 129.1
130 111.0 72.2 134.0

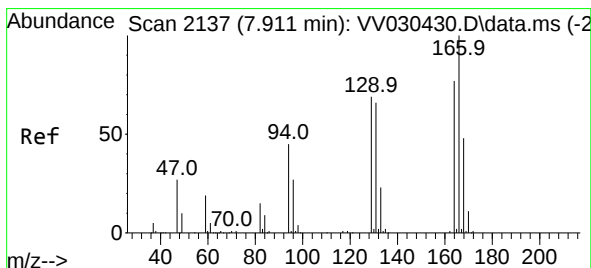
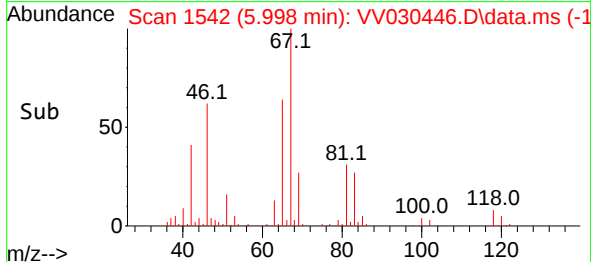
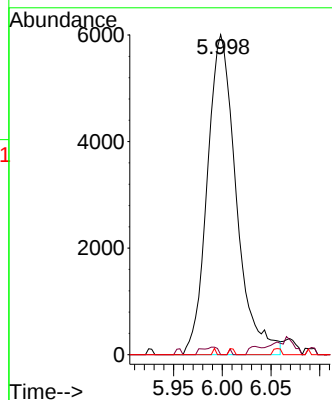
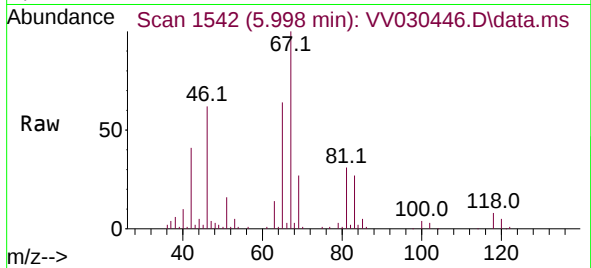




#35
Methylcyclohexane
Concen: 0.599 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030446.D
Acq: 07 Apr 2023 16:31

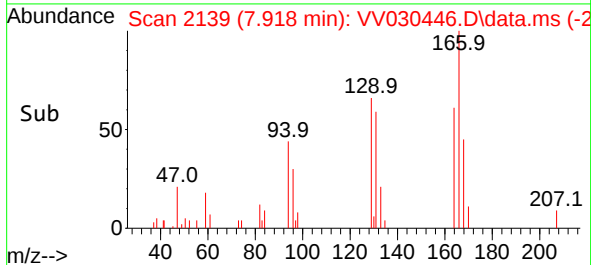
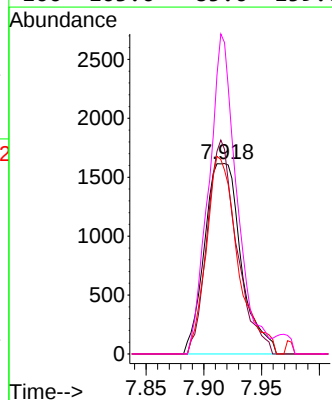
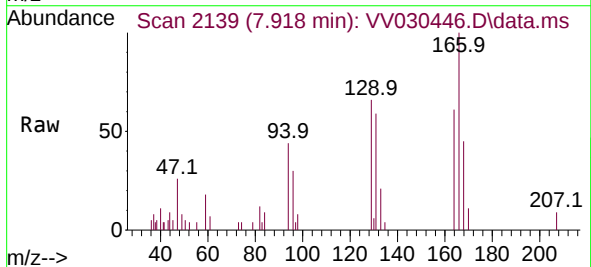
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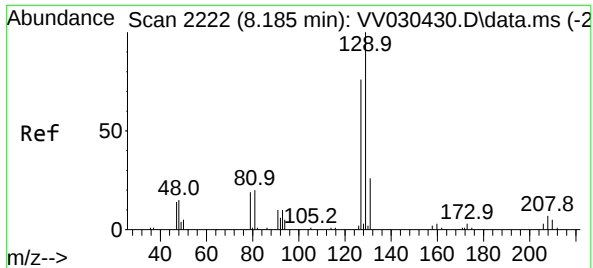
Tgt Ion: 83 Resp: 12396
Ion Ratio Lower Upper
83 100
55 1.3 66.6 100.0#
98 0.2 38.6 58.0#



#47
Tetrachloroethene
Concen: 0.305 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VV030446.D
Acq: 07 Apr 2023 16:31

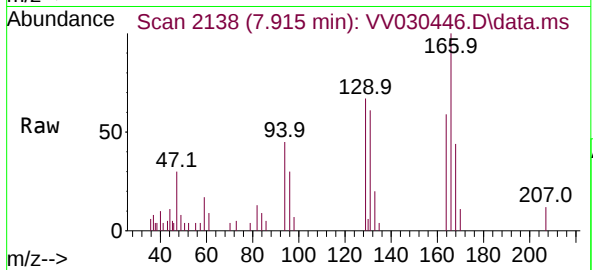
Tgt Ion:164 Resp: 3548
Ion Ratio Lower Upper
164 100
129 107.5 60.8 112.8
131 96.5 61.7 114.7
166 163.6 85.6 159.0#





#49
 Dibromochloromethane
 Concen: 0.302 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. -0.270 min
 Lab File: VV030446.D
 Acq: 07 Apr 2023 16:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9



Tgt Ion:129 Resp: 3175
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#

