

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030478.D
 Acq On : 10 Apr 2023 19:27
 Operator : SY/MD
 Sample : 02254-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC4

Quant Time: Apr 11 06:32:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

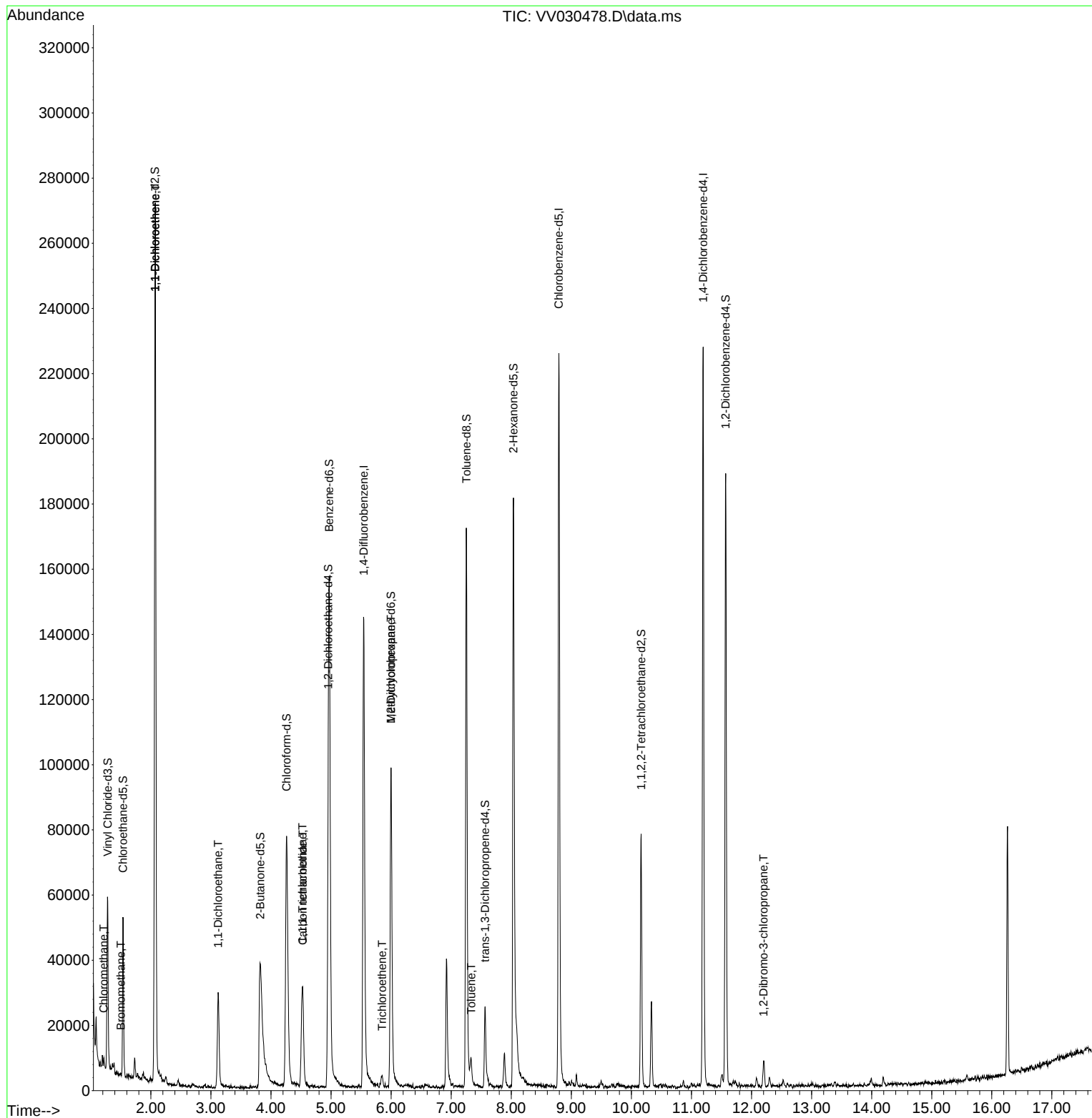
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	125070	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	124945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26217	3.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.535	69	29854	3.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.069	63	83107	4.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.822	46	86942	40.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.220%
24) Chloroform-d	4.259	84	81123	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	4.953	65	40632	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	4.969	84	139968	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.998	67	45980	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.252	98	119559	3.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.564	79	14608	3.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.037	63	65712	39.403	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.800%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34348	3.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	49396	4.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2412	0.120	ug/L	86
6) Bromomethane	1.500	94	530	0.127	ug/L	83
12) 1,1-Dichloroethene	2.076	96	61452	5.880	ug/L	82
19) 1,1-Dichloroethane	3.121	63	28018	1.313	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	25942	1.292	ug/L	98
31) Carbon tetrachloride	4.529	117	3434	0.188	ug/L	96
34) Trichloroethene	5.850	95	1028	0.086	ug/L	79
35) Methylcyclohexane	5.998	83	11669	0.621	ug/L #	16
42) Toluene	7.333	91	5140	0.109	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.201	75	306	0.223	ug/L #	3

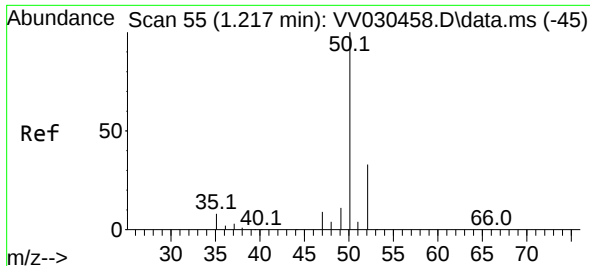
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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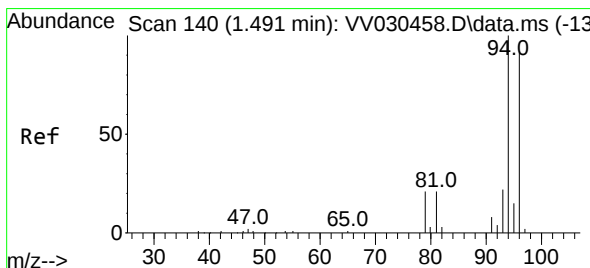
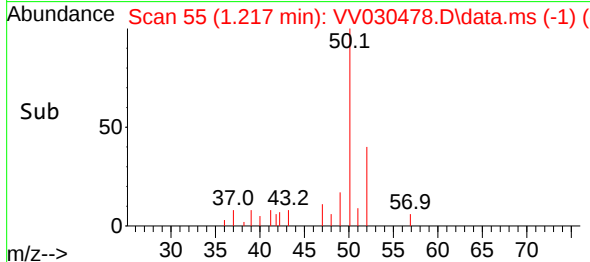
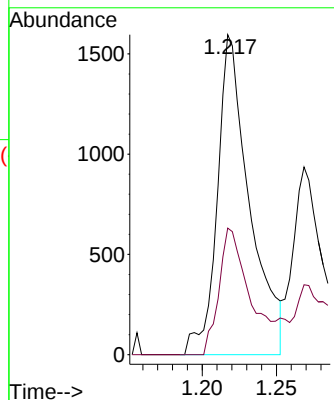
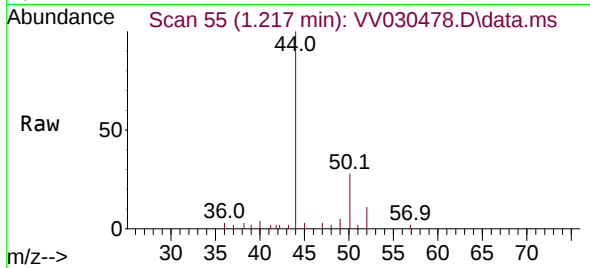




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030478.D
Acq: 10 Apr 2023 19:27

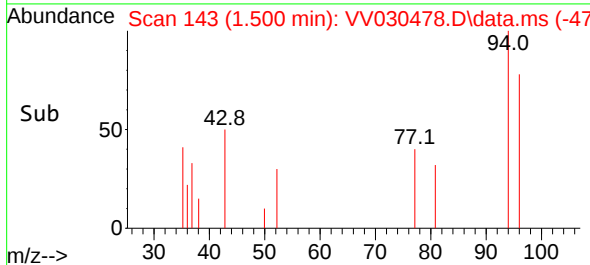
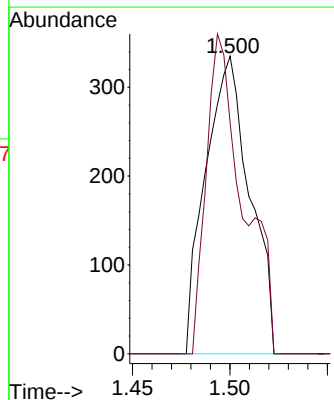
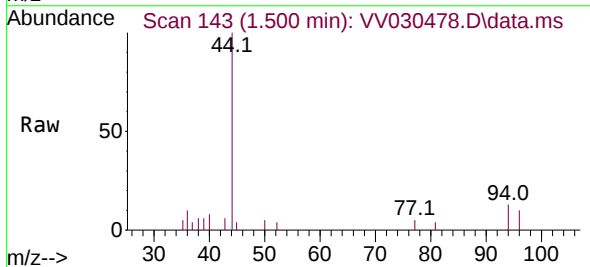
Instrument :
MSVOA_V
ClientSampleId :
C0AC4

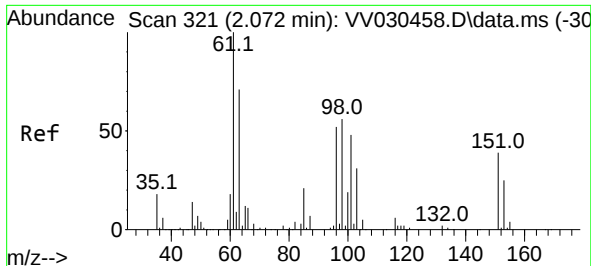
Tgt Ion: 50 Resp: 2412
Ion Ratio Lower Upper
50 100
52 39.5 22.3 41.5



#6
Bromomethane
Concen: 0.127 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV030478.D
Acq: 10 Apr 2023 19:27

Tgt Ion: 94 Resp: 530
Ion Ratio Lower Upper
94 100
96 77.6 66.1 122.7





#12

1,1-Dichloroethene

Concen: 5.880 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030478.D

Acq: 10 Apr 2023 19:27

Instrument :

MSVOA_V

ClientSampleId :

C0AC4

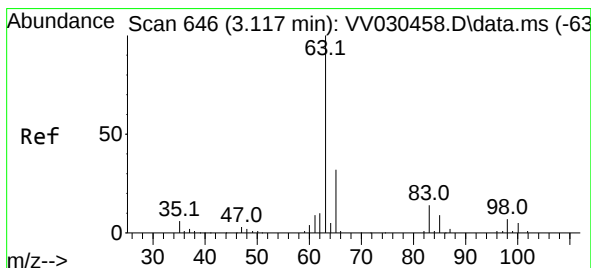
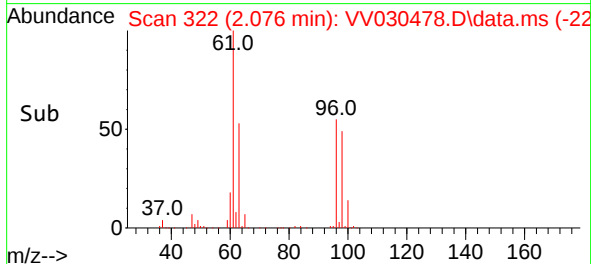
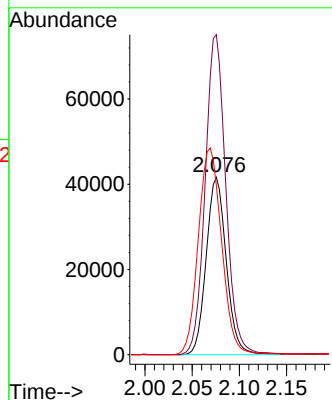
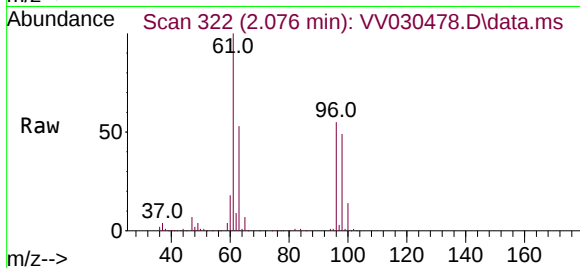
Tgt Ion: 96 Resp: 61452

Ion Ratio Lower Upper

96 100

61 180.5 136.3 253.1

63 95.3 92.1 171.1



#19

1,1-Dichloroethane

Concen: 1.313 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030478.D

Acq: 10 Apr 2023 19:27

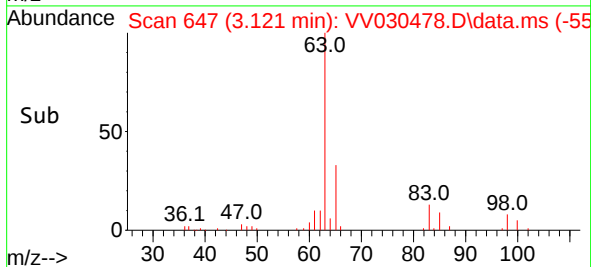
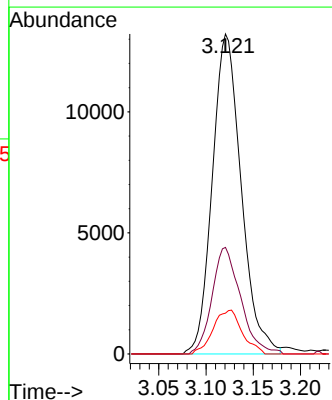
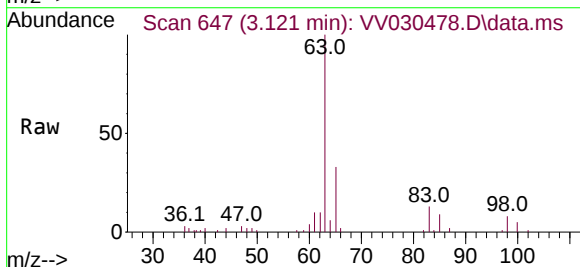
Tgt Ion: 63 Resp: 28018

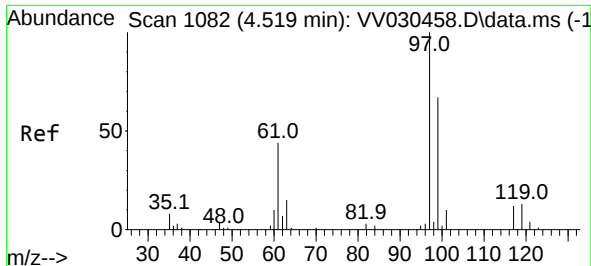
Ion Ratio Lower Upper

63 100

65 33.3 21.7 40.3

83 12.7 9.1 16.9





#29

1,1,1-Trichloroethane

Concen: 1.292 ug/L

RT: 4.522 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030478.D

Acq: 10 Apr 2023 19:27

Instrument :

MSVOA_V

ClientSampleId :

C0AC4

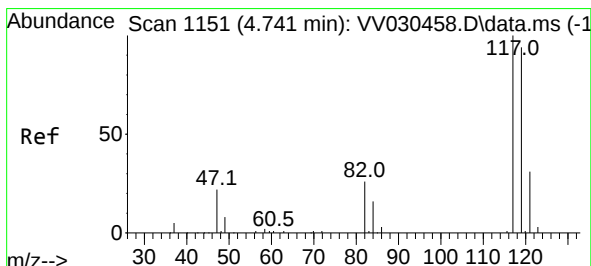
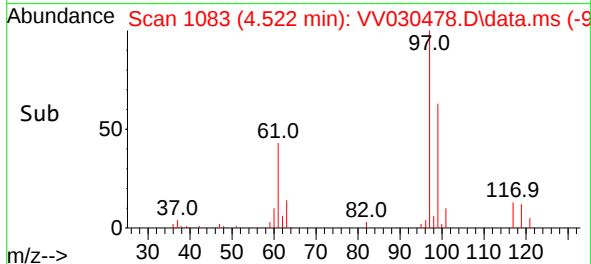
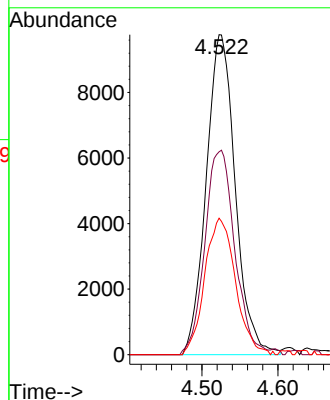
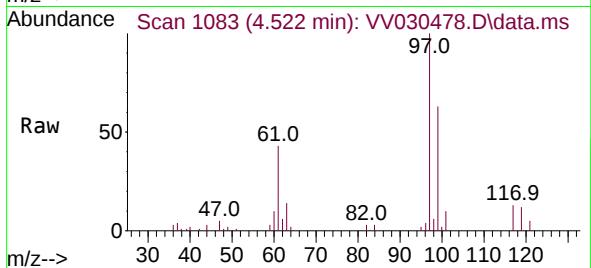
Tgt Ion: 97 Resp: 25942

Ion Ratio Lower Upper

97 100

99 65.8 50.9 76.3

61 45.1 35.9 53.9



#31

Carbon tetrachloride

Concen: 0.188 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. -0.212 min

Lab File: VV030478.D

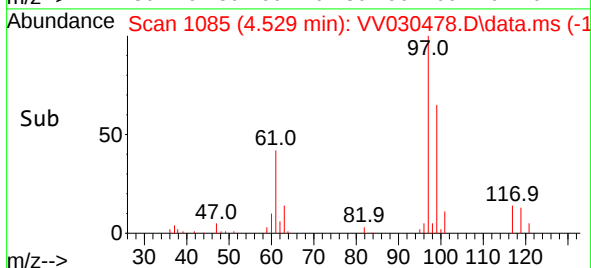
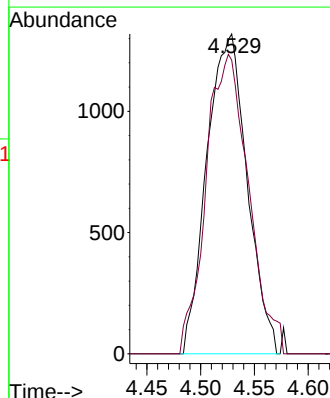
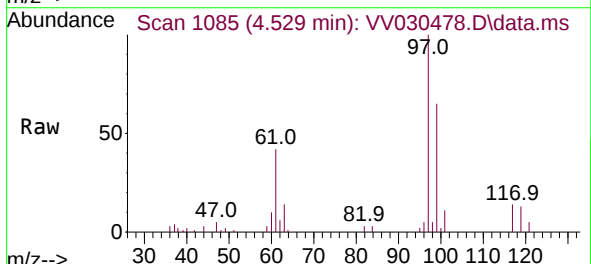
Acq: 10 Apr 2023 19:27

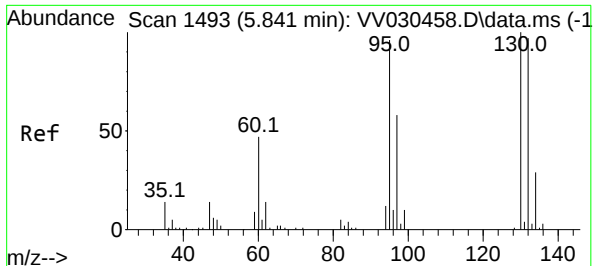
Tgt Ion: 117 Resp: 3434

Ion Ratio Lower Upper

117 100

119 98.8 76.2 114.4



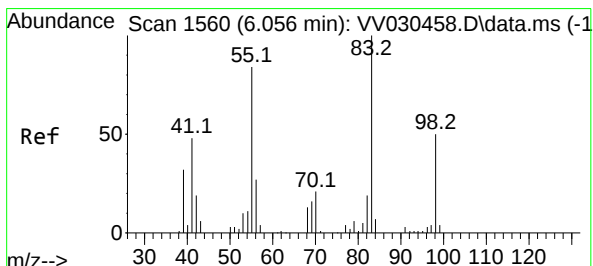
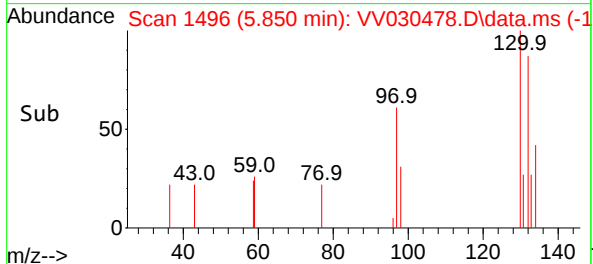
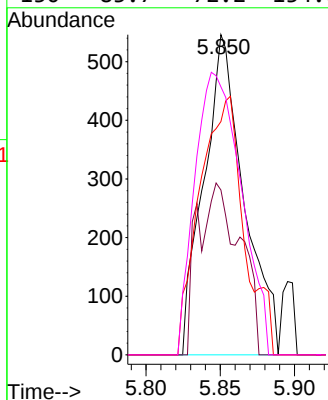
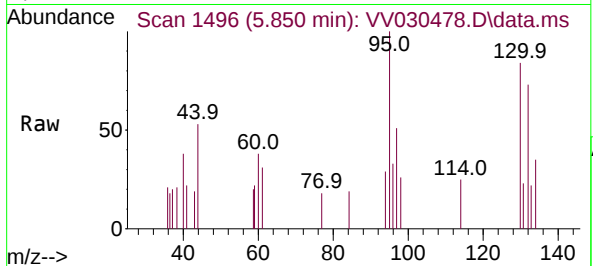


#34
Trichloroethene
Concen: 0.086 ug/L
RT: 5.850 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV030478.D
Acq: 10 Apr 2023 19:27

Instrument :
MSVOA_V
ClientSampleId :
C0AC4

Tgt Ion: 95 Resp: 1028

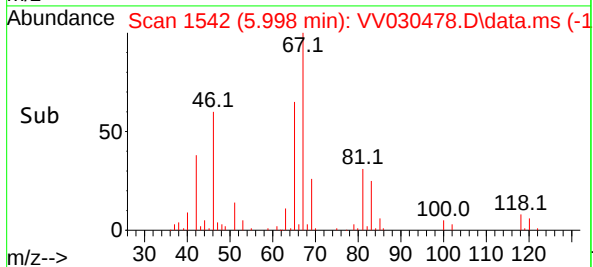
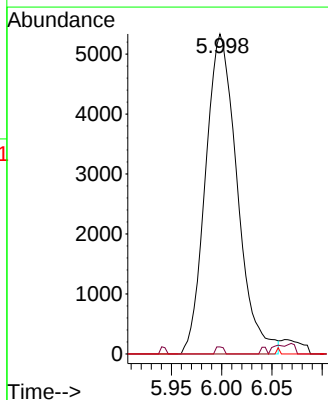
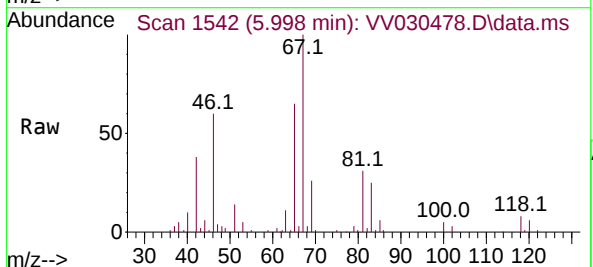
Ion	Ratio	Lower	Upper
95	100		
97	51.5	44.2	82.2
132	72.9	69.5	129.1
130	83.7	72.2	134.0

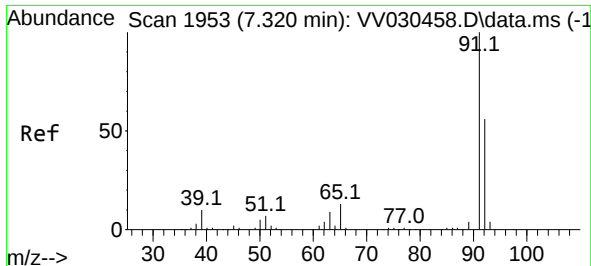


#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030478.D
Acq: 10 Apr 2023 19:27

Tgt Ion: 83 Resp: 11669

Ion	Ratio	Lower	Upper
83	100		
55	0.6	66.6	100.0#
98	0.0	38.6	58.0#





#42

Toluene

Concen: 0.109 ug/L

RT: 7.333 min Scan# 1953

Delta R.T. 0.013 min

Lab File: VV030478.D

Acq: 10 Apr 2023 19:27

Instrument :

MSVOA_V

ClientSampleId :

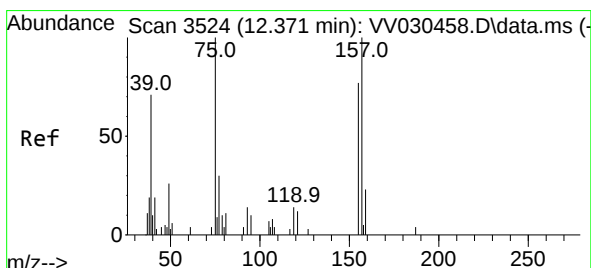
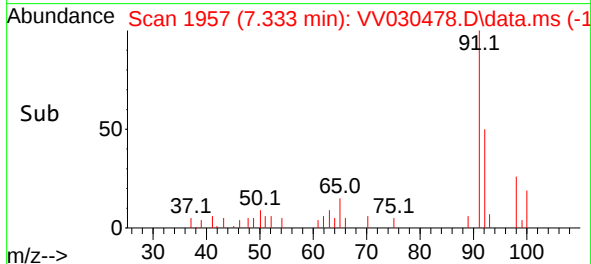
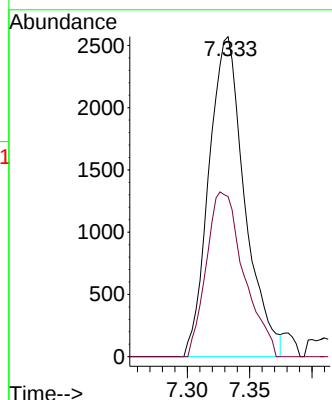
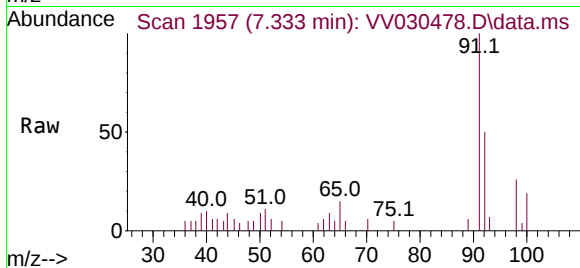
C0AC4

Tgt Ion: 91 Resp: 5140

Ion Ratio Lower Upper

91 100

92 50.0 40.4 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.223 ug/L

RT: 12.201 min Scan# 3471

Delta R.T. -0.171 min

Lab File: VV030478.D

Acq: 10 Apr 2023 19:27

Tgt Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

155 0.0 64.6 96.8#

157 0.0 83.8 125.6#

