

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023795.D
 Acq On : 06 Dec 2021 14:09
 Operator : SY/MD
 Sample : M4979-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 05:30:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

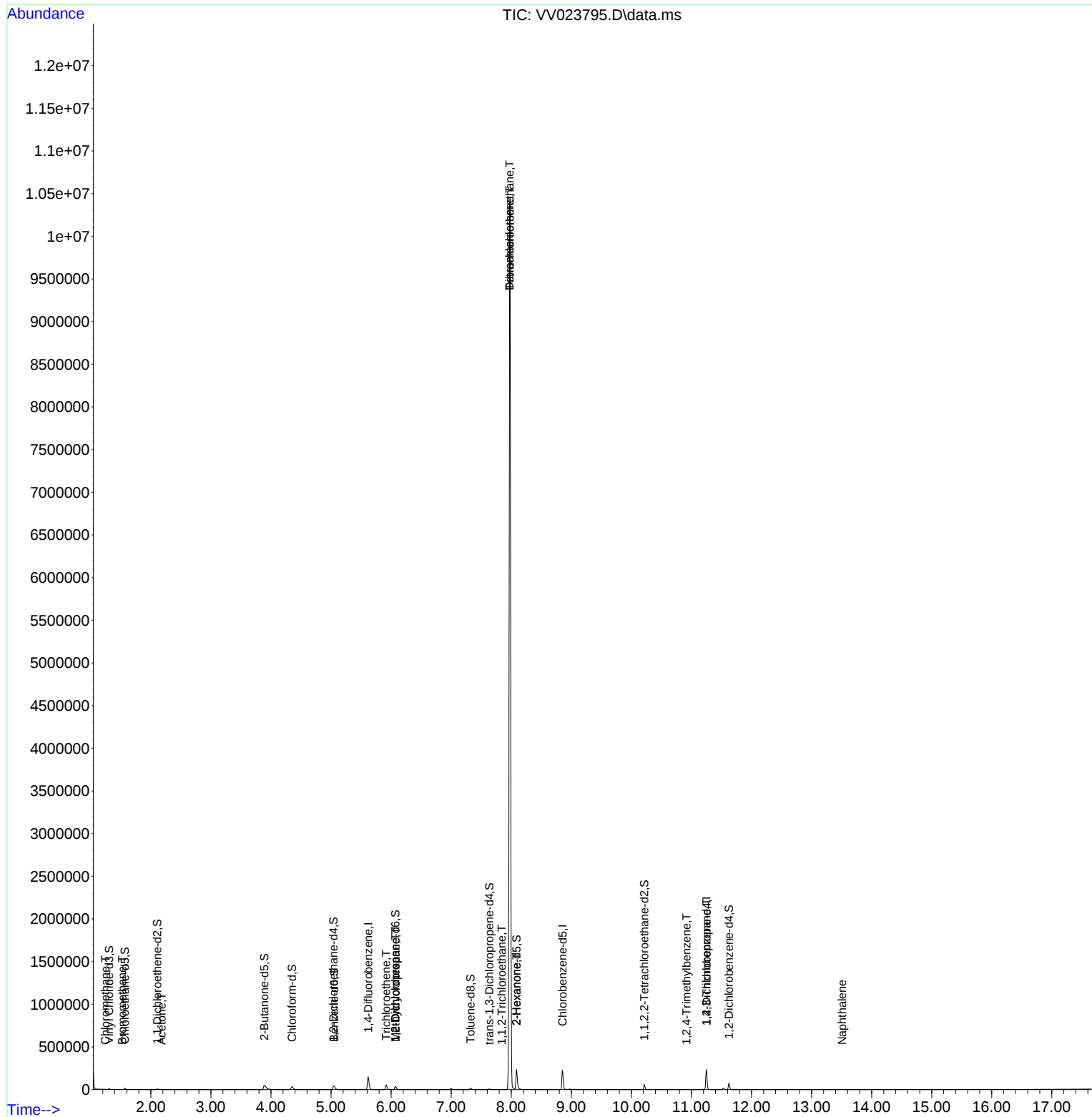
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62425	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	6148	0.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	11.200%#
7) Chloroethane-d5	1.568	69	8941	1.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	20.600%#
11) 1,1-Dichloroethene-d2	2.108	63	4755	0.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.800%#
20) 2-Butanone-d5	3.889	46	99022	74.741	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.480%#
24) Chloroform-d	4.352	84	33969	1.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	35.400%#
26) 1,2-Dichloroethane-d4	5.040	65	20191	2.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	45.000%#
32) Benzene-d6	5.053	84	29685	0.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	16.800%#
36) 1,2-Dichloropropane-d6	6.072	67	17681	1.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	35.800%#
41) Toluene-d8	7.323	98	13721	0.417	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	8.400%#
43) trans-1,3-Dichloroprop...	7.635	79	5772	1.450	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	29.000%#
46) 2-Hexanone-d5	8.088	63	80947	61.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25434	3.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	20381	1.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	37.000%#
Target Compounds						Qvalue
3) Chloromethane	1.243	50	656	0.059	ug/L #	69
6) Bromomethane	1.523	94	345	0.052	ug/L #	63
13) Acetone	2.179	43	1536	1.288	ug/L	91
34) Trichloroethene	5.918	95	18204	1.844	ug/L	98
35) Methylcyclohexane	6.072	83	4434	0.288	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	2285	0.261	ug/L #	84
45) 1,1,2-Trichloroethane	7.844	97	979	0.161	ug/L	87
47) Tetrachloroethene	7.976	164	2275418	253.222	ug/L	98
48) 2-Hexanone	8.088	43	9380	3.035	ug/L #	66
49) Dibromochloromethane	7.976	129	2068485	248.846	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6233	1.408	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.918	105	2546	0.083	ug/L	93
71) Naphthalene	13.509	128	2895	0.186	ug/L #	94

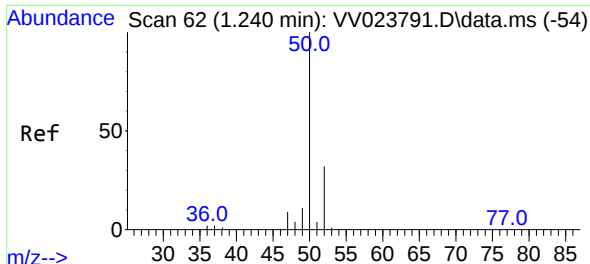
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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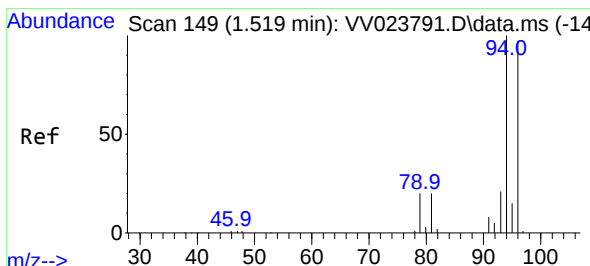
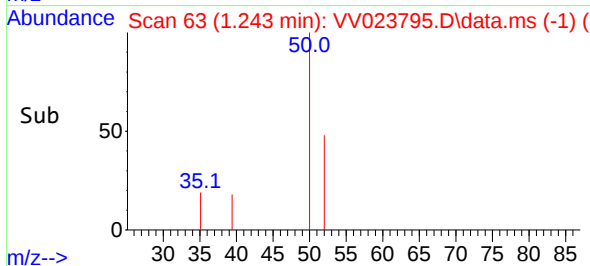
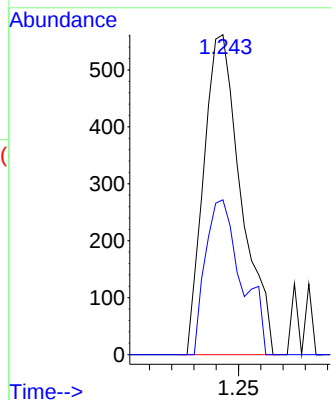
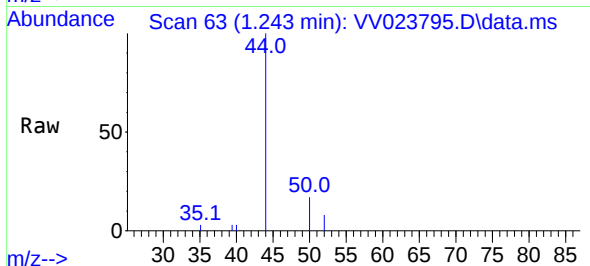




#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023795.D
Acq: 06 Dec 2021 14:09

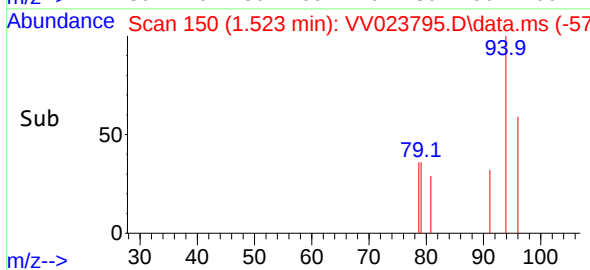
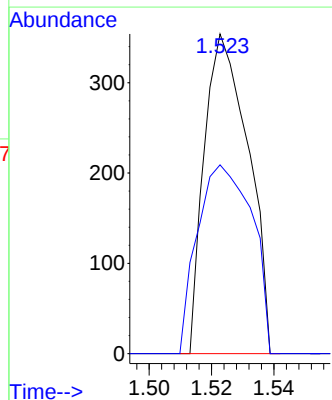
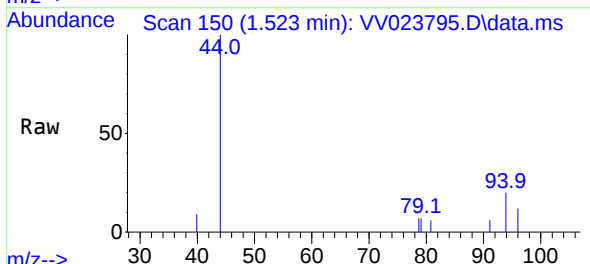
Instrument :
MSVOA_V
ClientSampleId :

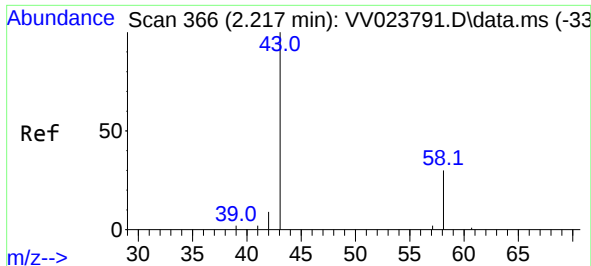
Tgt Ion: 50 Resp: 656
Ion Ratio Lower Upper
50 100
52 48.4 22.0 41.0#



#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV023795.D
Acq: 06 Dec 2021 14:09

Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 59.0 66.2 123.0#





#13

Acetone

Concen: 1.288 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.045 min

Lab File: VV023795.D

Acq: 06 Dec 2021 14:09

Instrument :

MSVOA_V

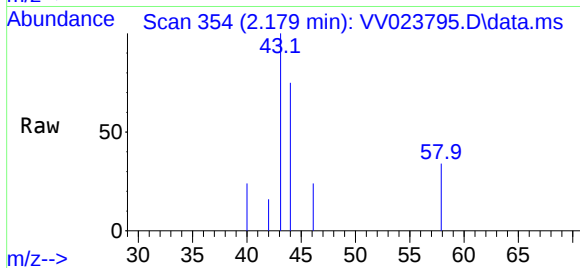
ClientSampleId :

Tgt Ion: 43 Resp: 1536

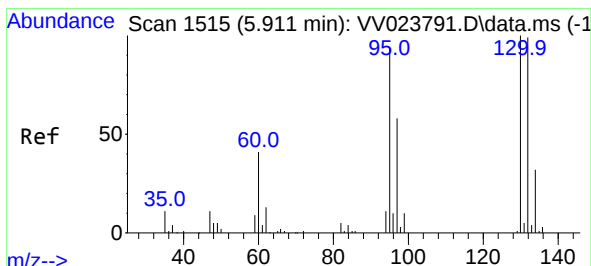
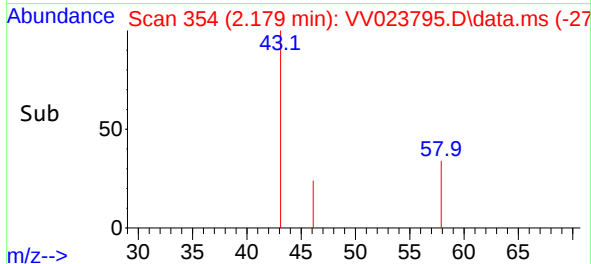
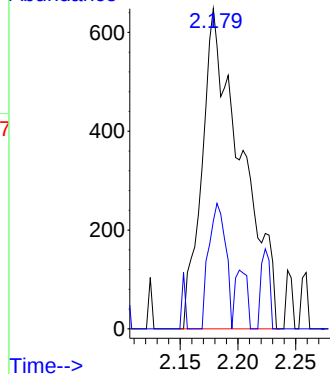
Ion Ratio Lower Upper

43 100

58 16.7 0.0 41.4



Abundance



#34

Trichloroethene

Concen: 1.844 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.007 min

Lab File: VV023795.D

Acq: 06 Dec 2021 14:09

Tgt Ion: 95 Resp: 18204

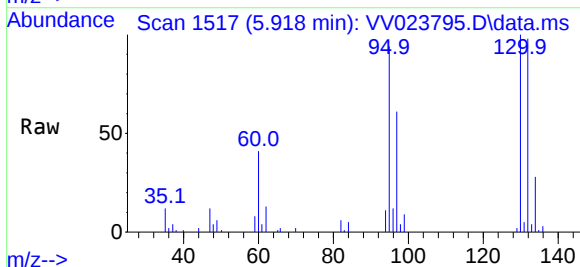
Ion Ratio Lower Upper

95 100

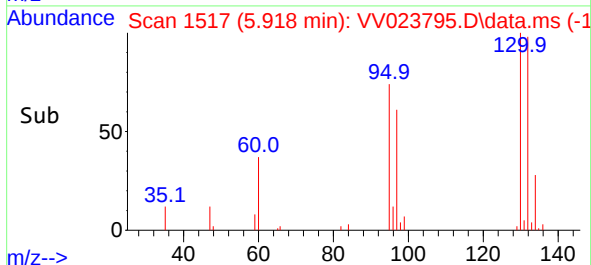
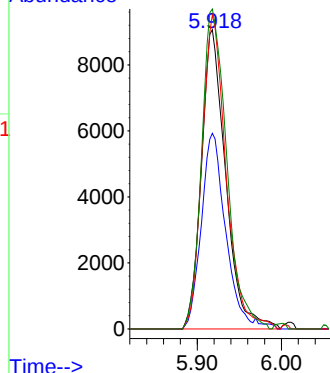
97 65.4 45.2 84.0

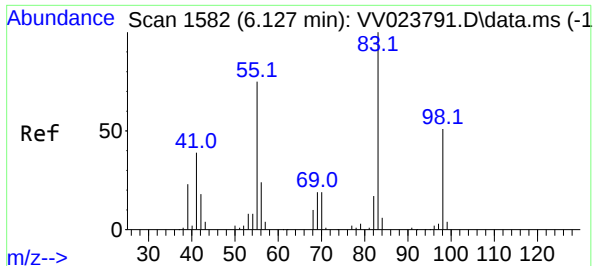
132 104.9 76.1 141.3

130 106.9 75.4 140.0



Abundance





#35

Methylcyclohexane

Concen: 0.288 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023795.D

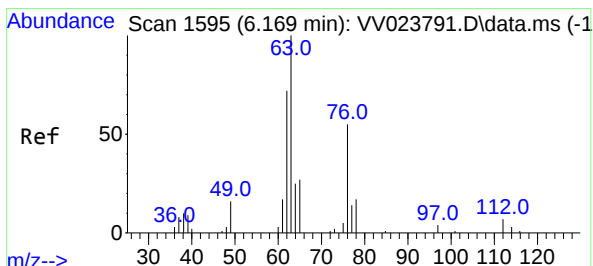
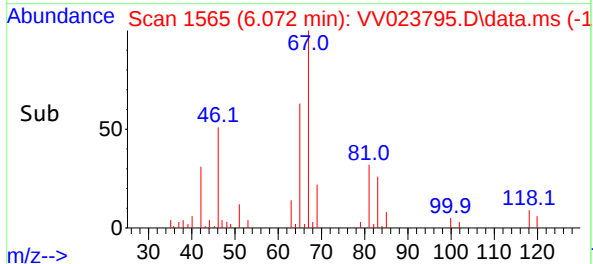
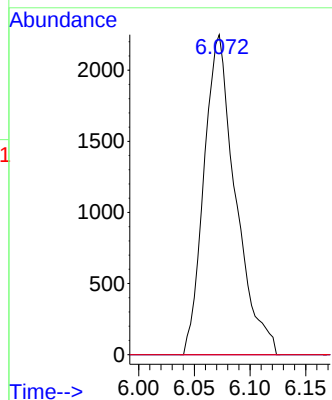
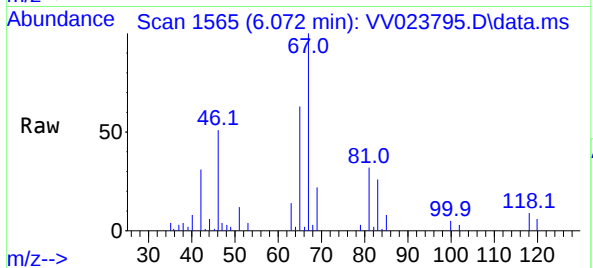
Acq: 06 Dec 2021 14:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	4434
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	0.0	41.0	61.4#



#37

1,2-Dichloropropane

Concen: 0.261 ug/L

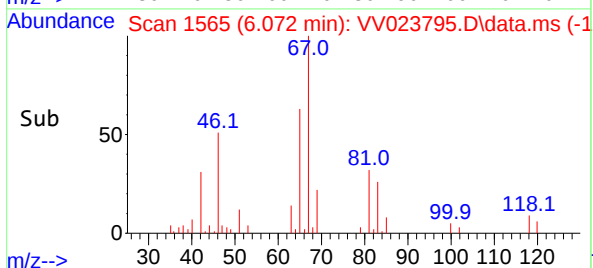
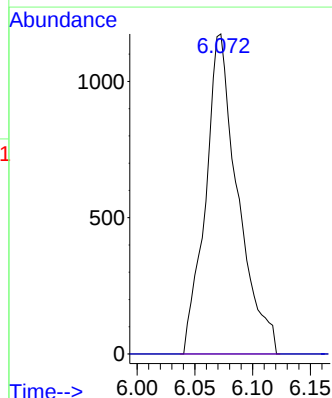
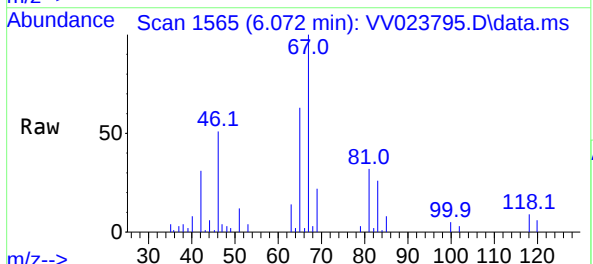
RT: 6.072 min Scan# 1565

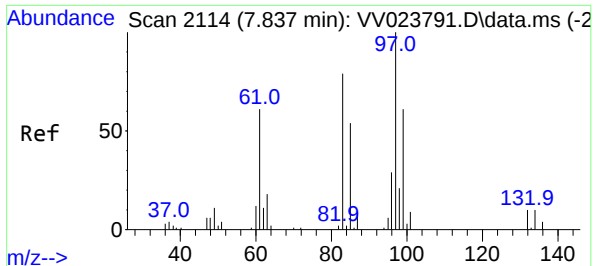
Delta R.T. -0.096 min

Lab File: VV023795.D

Acq: 06 Dec 2021 14:09

Tgt Ion:	63	Resp:	2285
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#





#45

1,1,2-Trichloroethane

Concen: 0.161 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.007 min

Lab File: VV023795.D

Acq: 06 Dec 2021 14:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 979

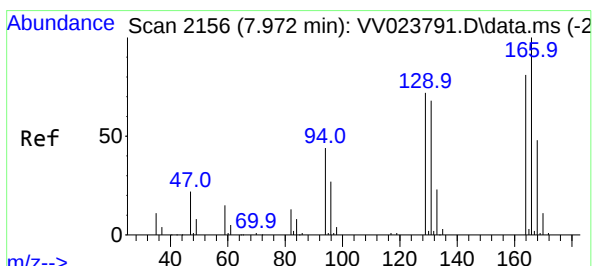
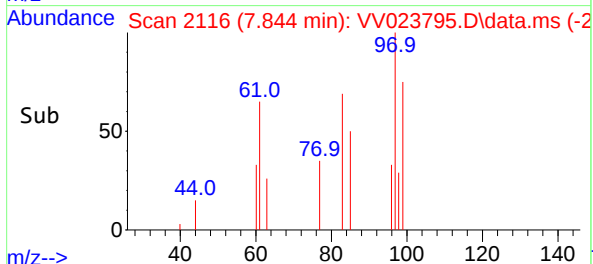
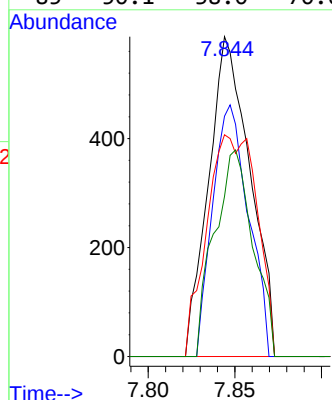
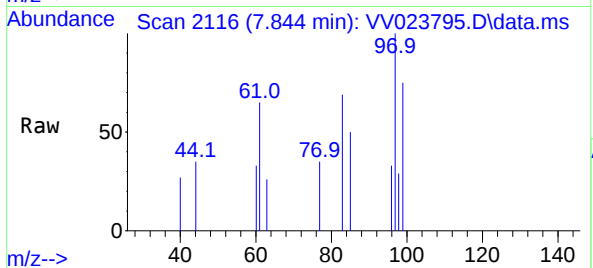
Ion Ratio Lower Upper

97 100

99 75.1 43.1 80.1

83 69.3 57.9 107.5

85 50.1 38.0 70.6



#47

Tetrachloroethene

Concen: 253.222 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023795.D

Acq: 06 Dec 2021 14:09

Tgt Ion:164 Resp: 2275418

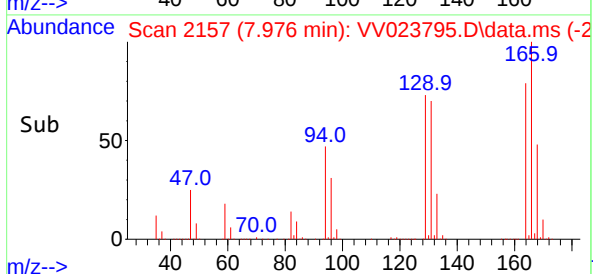
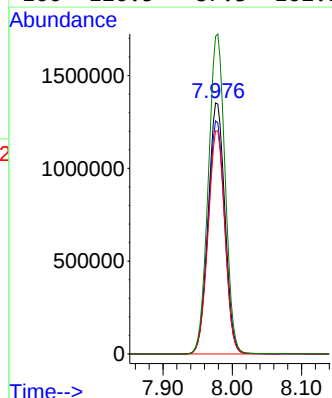
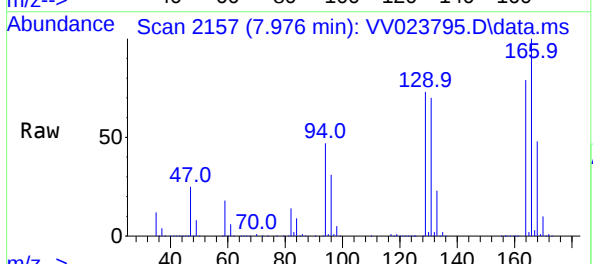
Ion Ratio Lower Upper

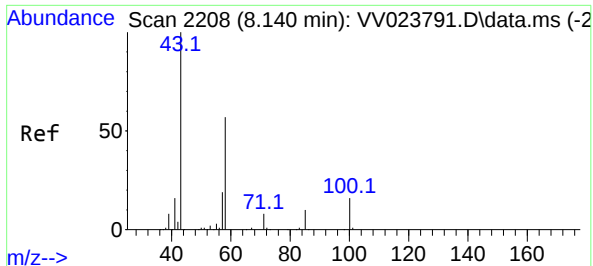
164 100

129 92.8 62.6 116.2

131 88.9 61.0 113.4

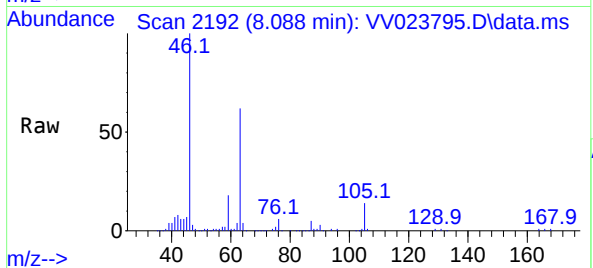
166 126.5 87.3 162.1



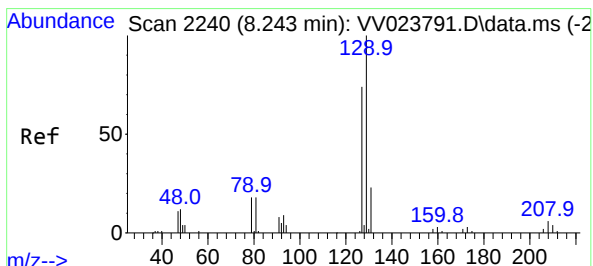
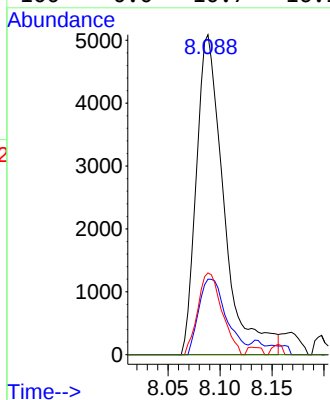
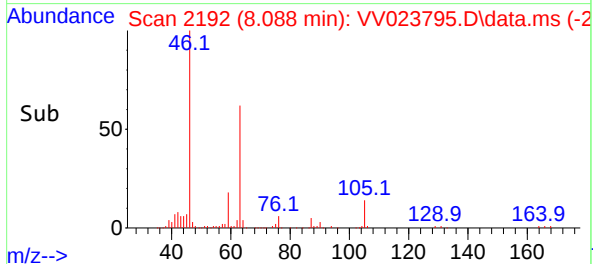


#48
2-Hexanone
Concen: 3.035 ug/L
RT: 8.088 min Scan# 2119
Delta R.T. -0.051 min
Lab File: VV023795.D
Acq: 06 Dec 2021 14:09

Instrument :
MSVOA_V
ClientSampleId :

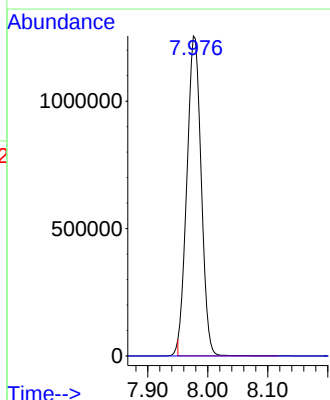
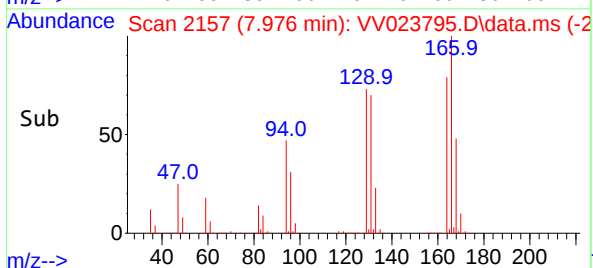
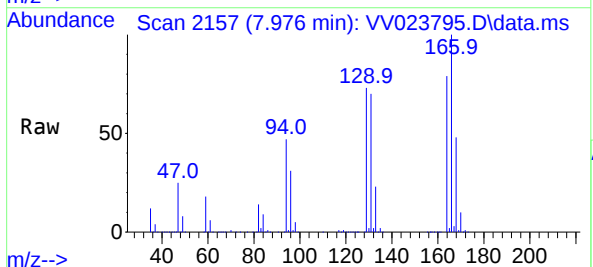


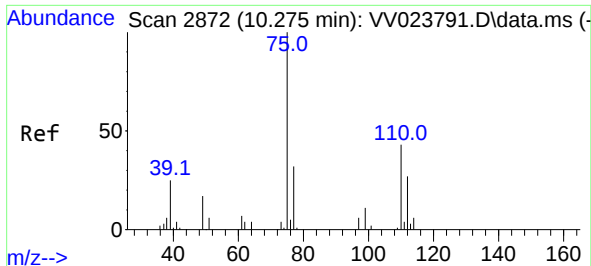
Tgt Ion: 43 Resp: 9380
Ion Ratio Lower Upper
43 100
58 23.8 44.5 66.7#
57 22.4 15.1 22.7
100 0.0 10.7 16.1#



#49
Dibromochloromethane
Concen: 248.846 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023795.D
Acq: 06 Dec 2021 14:09

Tgt Ion: 129 Resp: 2068485
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.408 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023795.D

Acq: 06 Dec 2021 14:09

Instrument :

MSVOA_V

ClientSampleId :

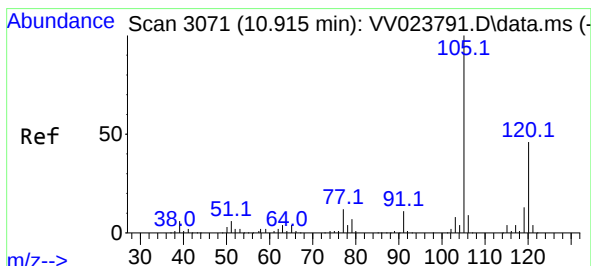
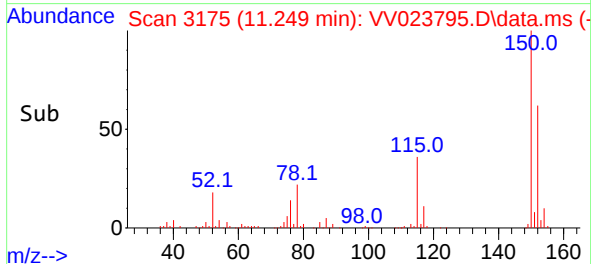
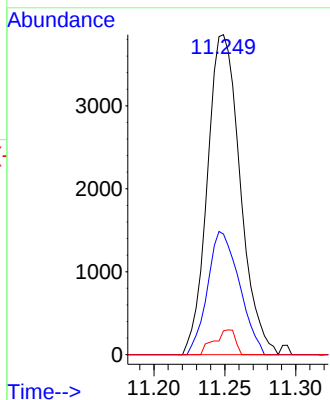
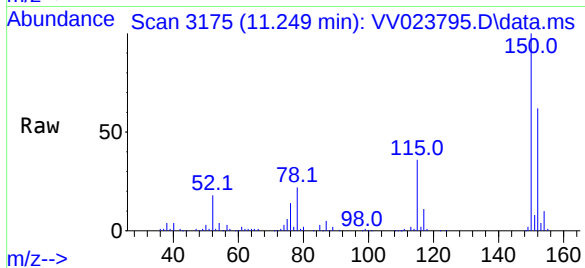
Tgt Ion: 75 Resp: 6233

Ion Ratio Lower Upper

75 100

77 37.3 26.4 39.6

110 5.0 34.2 51.2#



#63

1,2,4-Trimethylbenzene

Concen: 0.083 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.007 min

Lab File: VV023795.D

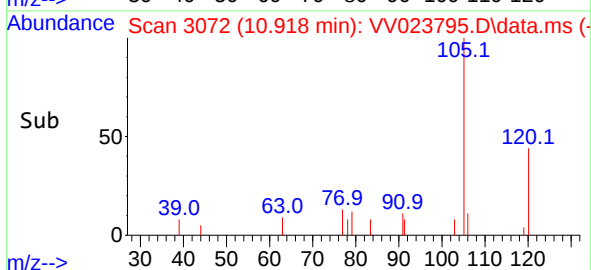
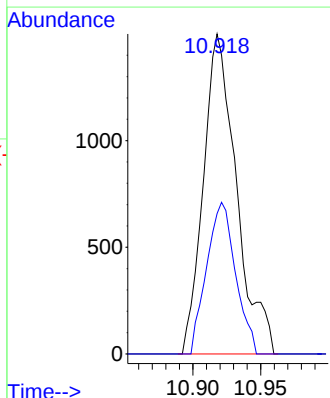
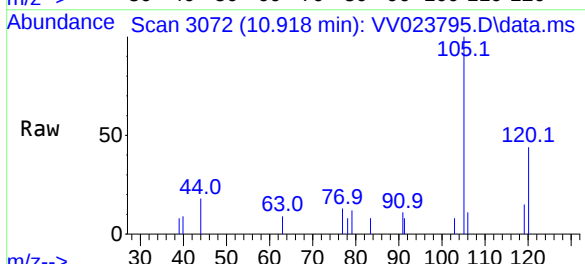
Acq: 06 Dec 2021 14:09

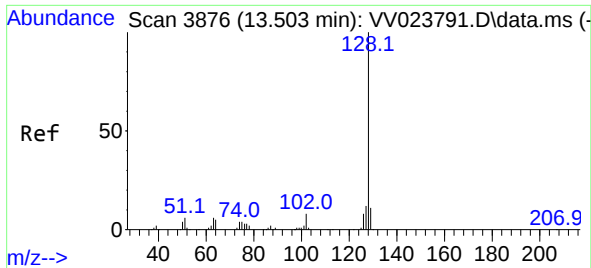
Tgt Ion:105 Resp: 2546

Ion Ratio Lower Upper

105 100

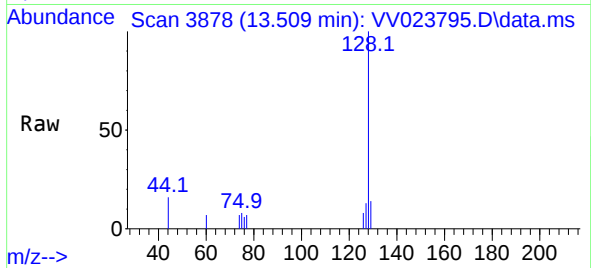
120 41.3 36.7 55.1





#71
Naphthalene
Concen: 0.186 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV023795.D
Acq: 06 Dec 2021 14:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	2895
Ion	Ratio	Lower	Upper
128	100		
129	8.2	9.0	13.4#
127	14.5	10.2	15.4

