

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090722\
 Data File : VV027775.D
 Acq On : 07 Sep 2022 12:23
 Operator : SY/MD
 Sample : N4418-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC2

Quant Time: Sep 08 07:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

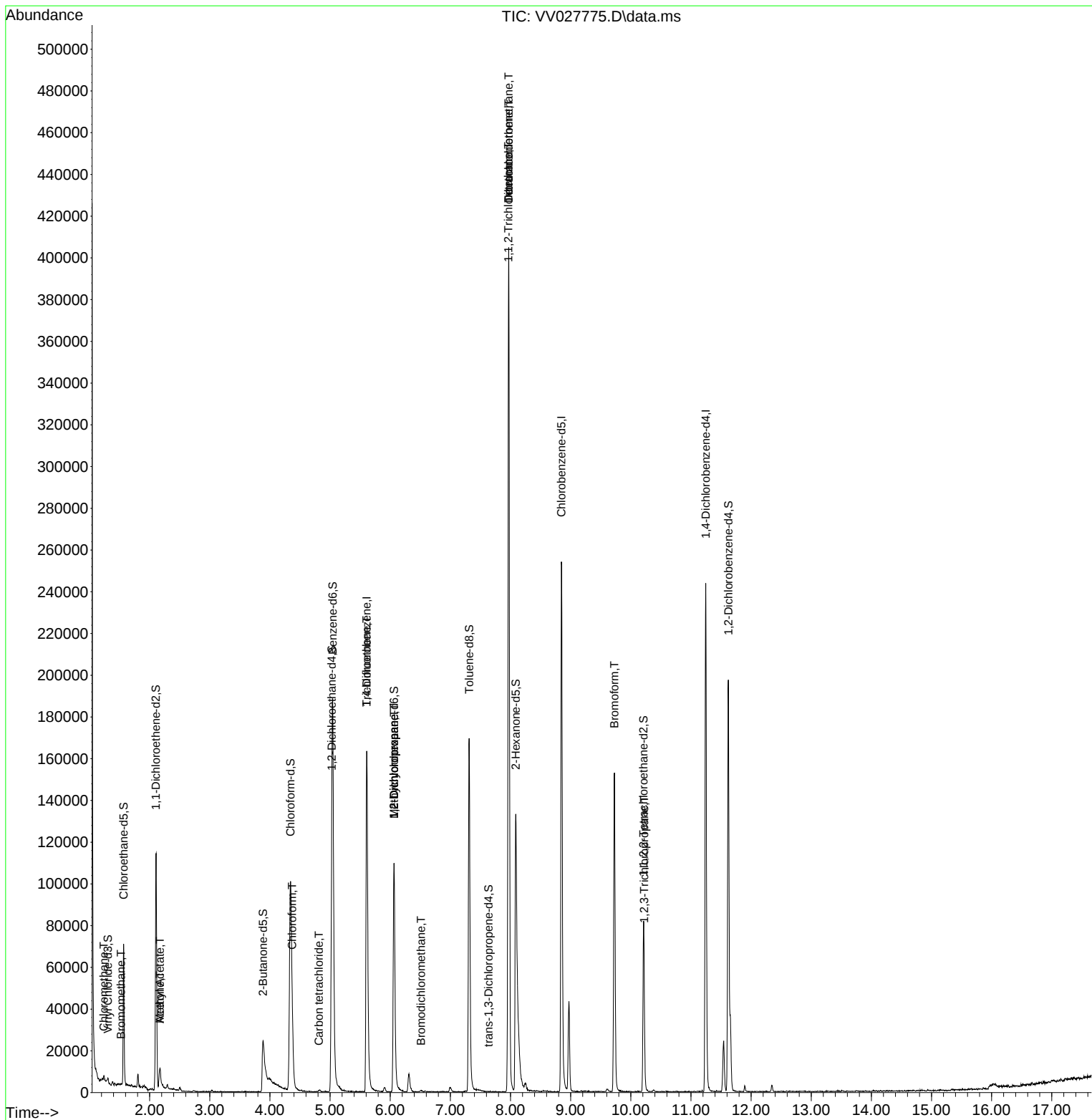
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	147738	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	147654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	65965	5.000	ug/L	0.00

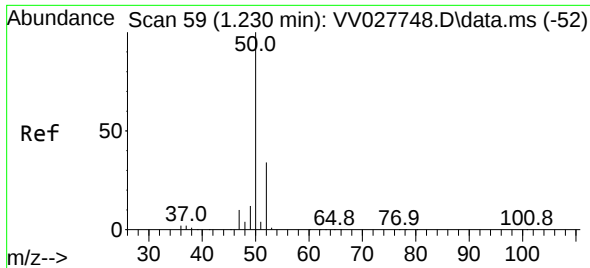
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	106	0.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.568	69	42714	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.105	63	60972	2.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	3.886	46	51008	23.634	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	47.260%
24) Chloroform-d	4.342	84	98396	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.027	65	46566	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.043	84	180379	4.211	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.063	67	49690	3.962	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.313	98	116808	3.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	7.638	79	68	0.016	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.400%#
46) 2-Hexanone-d5	8.088	63	57374	36.685	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32086	3.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51427	4.746	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%

Target Compounds				Qvalue		
3) Chloromethane	1.240	50	1747	0.132	ug/L	94
6) Bromomethane	1.523	94	604	0.084	ug/L #	68
13) Acetone	2.172	43	16915	10.519	ug/L	99
15) Methyl Acetate	2.172	43	10098	2.368	ug/L #	55
25) Chloroform	4.371	83	28527	1.325	ug/L	97
31) Carbon tetrachloride	4.815	117	674	0.035	ug/L	85
34) Trichloroethene	5.609	95	4227	0.346	ug/L #	5
35) Methylcyclohexane	6.063	83	13755	0.734	ug/L #	18
37) 1,2-Dichloropropane	6.063	63	6333	0.547	ug/L #	85
38) Bromodichloromethane	6.513	83	470	0.031	ug/L #	74
45) 1,1,2-Trichloroethane	7.966	97	572	0.076	ug/L #	16
47) Tetrachloroethene	7.969	164	91308	9.322	ug/L	98
49) Dibromochloromethane	7.969	129	61267	6.436	ug/L #	10
59) Bromoform	9.728	173	68979	17.275	ug/L	98
61) 1,2,3-Trichloropropane	10.223	75	491	0.094	ug/L #	1

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

Quant Time: Sep 08 07:54:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 07 06:13:02 2022
Response via : Initial Calibration

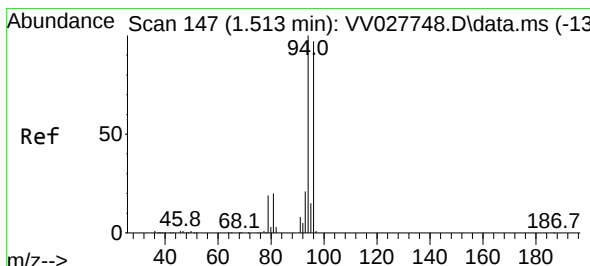
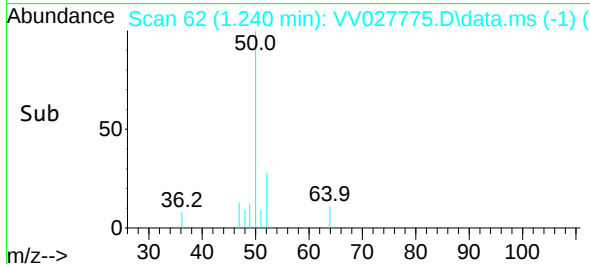
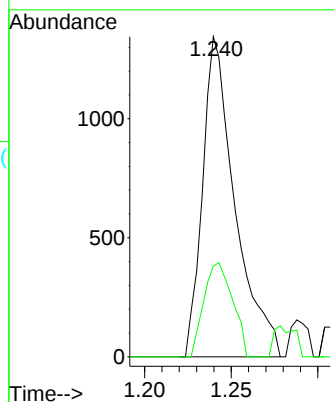
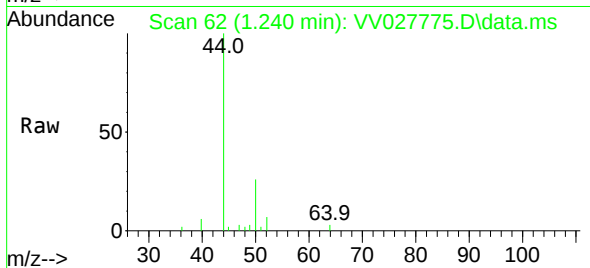




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027775.D
Acq: 07 Sep 2022 12:23

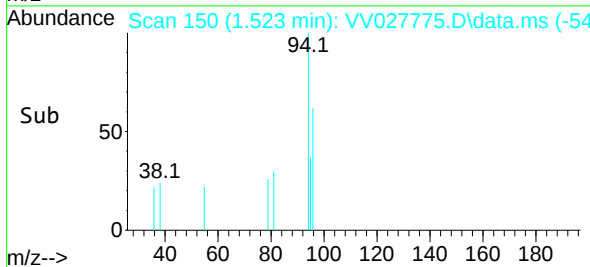
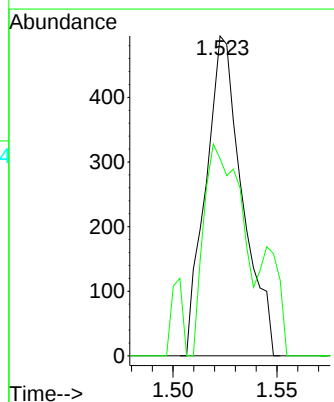
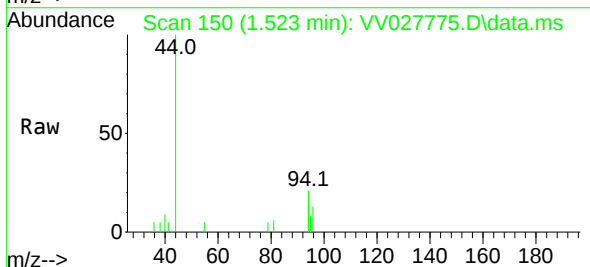
Instrument :
MSVOA_V
ClientSampleId :
DBVC2

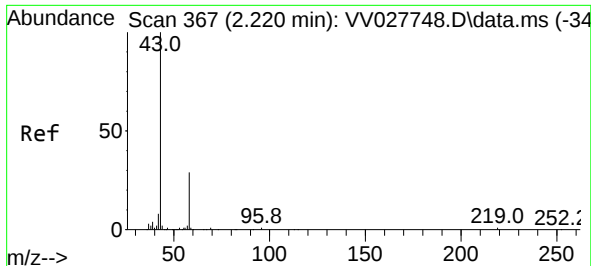
Tgt Ion: 50 Resp: 1747
Ion Ratio Lower Upper
50 100
52 28.3 22.1 41.1



#6
Bromomethane
Concen: 0.084 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV027775.D
Acq: 07 Sep 2022 12:23

Tgt Ion: 94 Resp: 604
Ion Ratio Lower Upper
94 100
96 61.6 64.2 119.2#

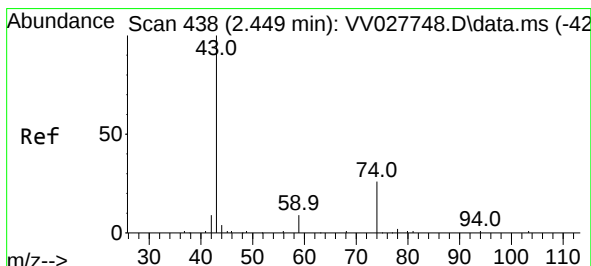
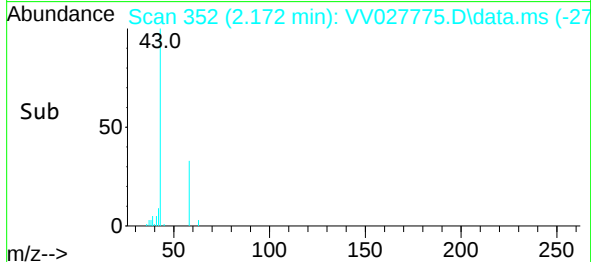
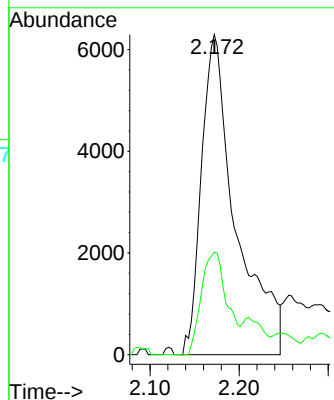
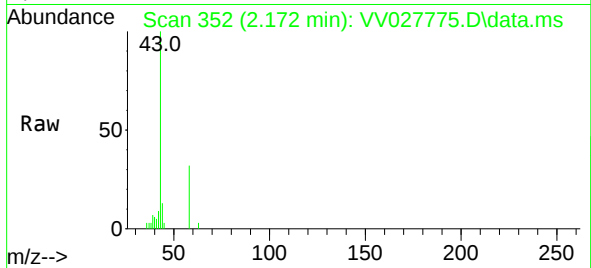




#13
Acetone
Concen: 10.519 ug/L
RT: 2.172 min Scan# 312
Delta R.T. -0.048 min
Lab File: VV027775.D
Acq: 07 Sep 2022 12:23

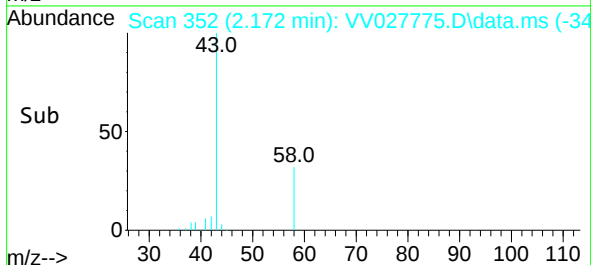
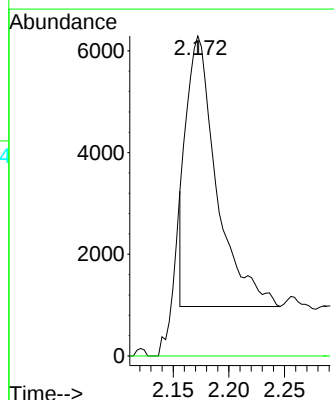
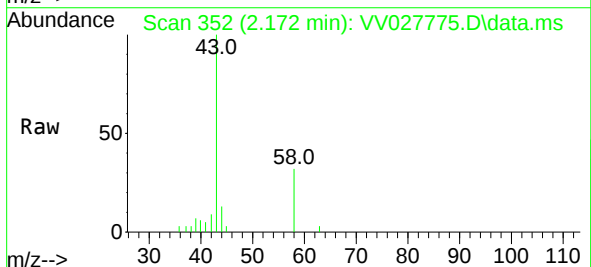
Instrument :
MSVOA_V
ClientSampleId :
DBVC2

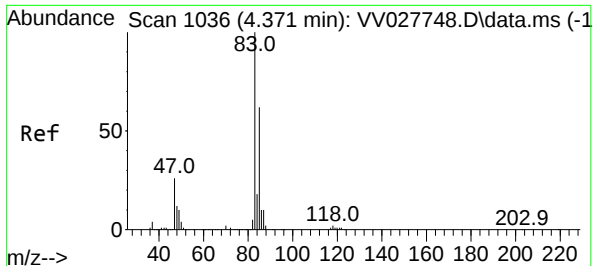
Tgt Ion: 43 Resp: 16915
Ion Ratio Lower Upper
43 100
58 24.2 0.0 49.4



#15
Methyl Acetate
Concen: 2.368 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.276 min
Lab File: VV027775.D
Acq: 07 Sep 2022 12:23

Tgt Ion: 43 Resp: 10098
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#25

Chloroform

Concen: 1.325 ug/L

RT: 4.371 min Scan# 110

Delta R.T. 0.000 min

Lab File: VV027775.D

Acq: 07 Sep 2022 12:23

Instrument :

MSVOA_V

ClientSampleId :

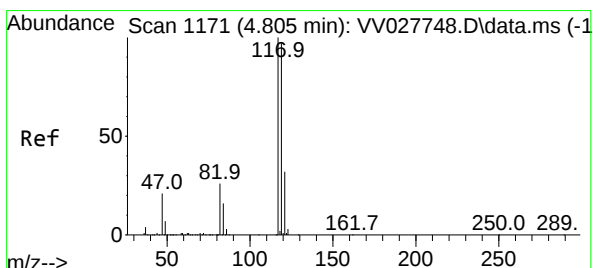
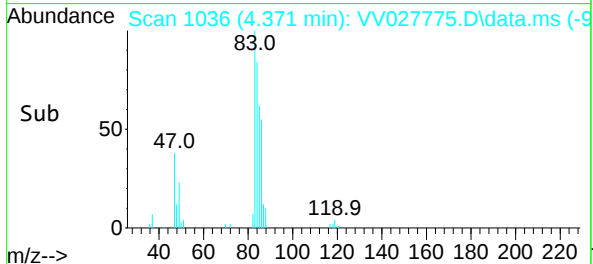
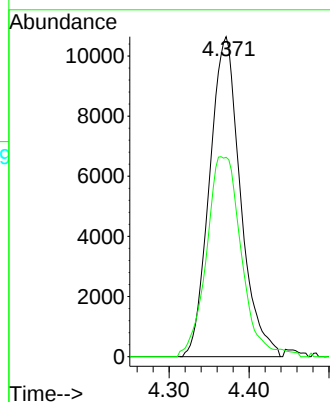
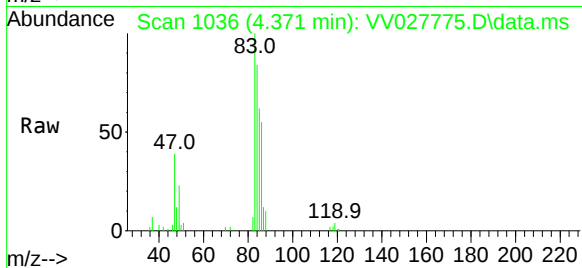
DBVC2

Tgt Ion: 83 Resp: 28527

Ion Ratio Lower Upper

83 100

85 62.3 45.4 84.2



#31

Carbon tetrachloride

Concen: 0.035 ug/L

RT: 4.815 min Scan# 1174

Delta R.T. 0.010 min

Lab File: VV027775.D

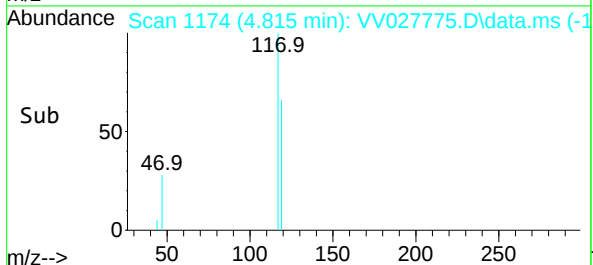
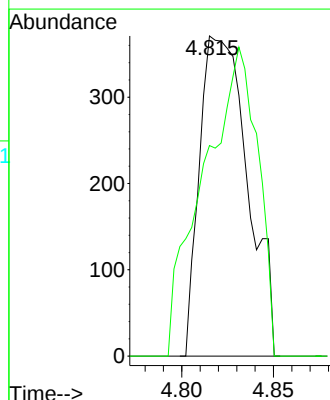
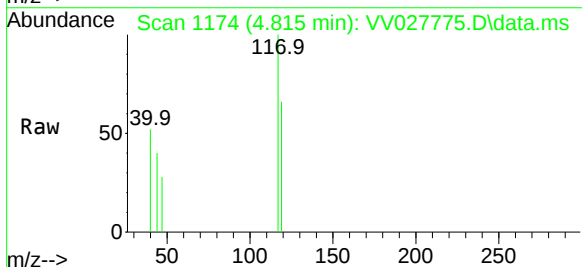
Acq: 07 Sep 2022 12:23

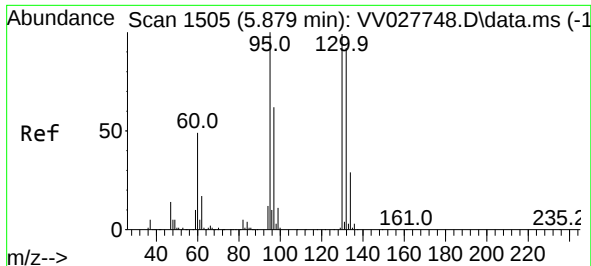
Tgt Ion: 117 Resp: 674

Ion Ratio Lower Upper

117 100

119 108.9 75.8 113.8

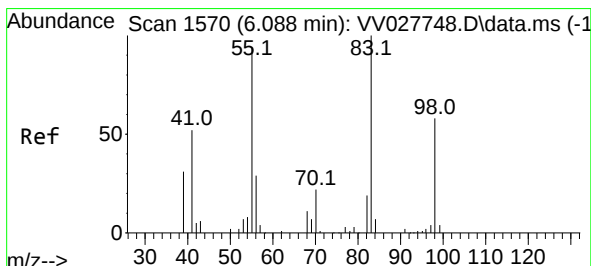
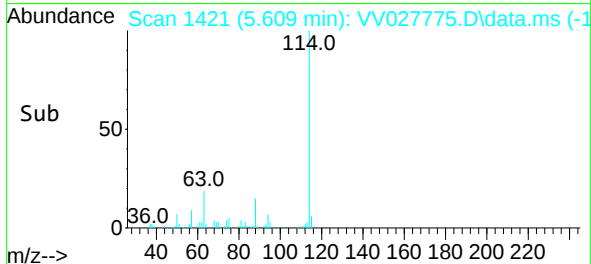
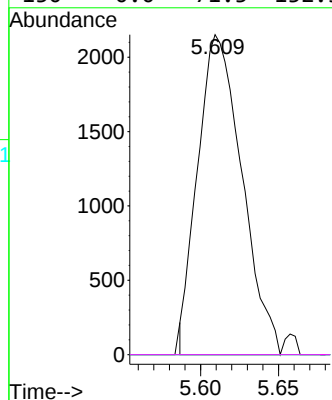
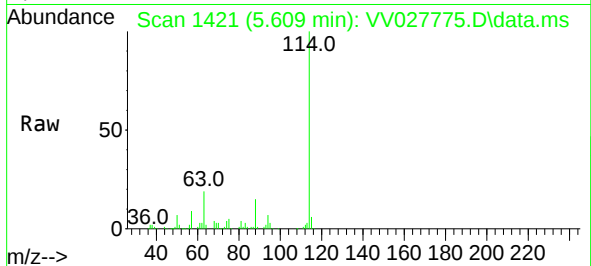




#34
 Trichloroethene
 Concen: 0.346 ug/L
 RT: 5.609 min Scan# 14
 Delta R.T. -0.270 min
 Lab File: VV027775.D
 Acq: 07 Sep 2022 12:23

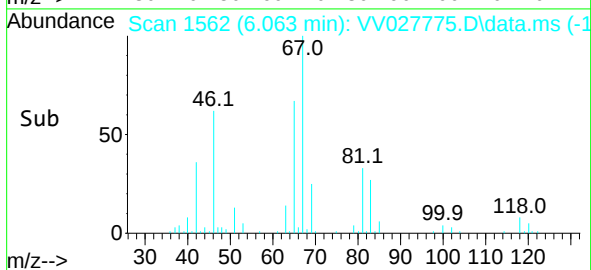
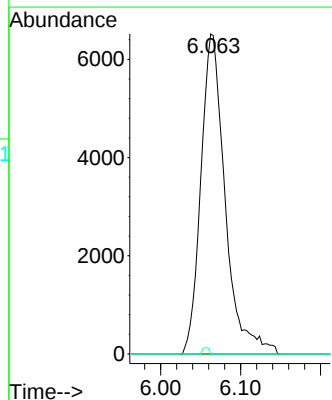
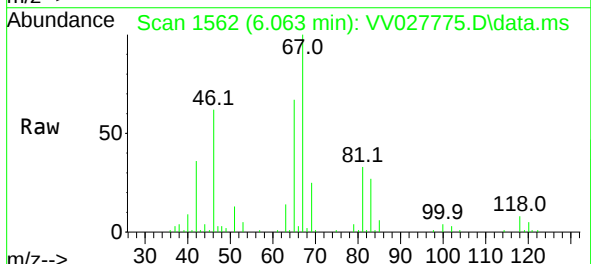
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC2

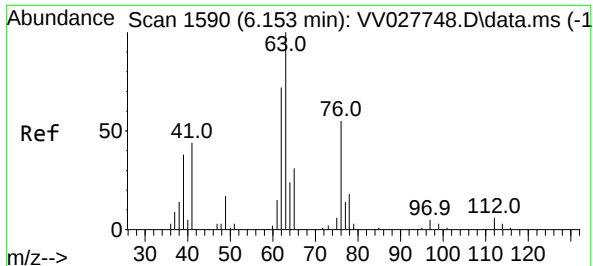
Tgt Ion:	95	Resp:	4227
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.9	79.7#
132	0.0	67.9	126.1#
130	0.0	71.3	132.3#



#35
 Methylcyclohexane
 Concen: 0.734 ug/L
 RT: 6.063 min Scan# 1562
 Delta R.T. -0.026 min
 Lab File: VV027775.D
 Acq: 07 Sep 2022 12:23

Tgt Ion:	83	Resp:	13755
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.5	37.5	56.3#





#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV027775.D

Acq: 07 Sep 2022 12:23

Instrument :

MSVOA_V

ClientSampleId :

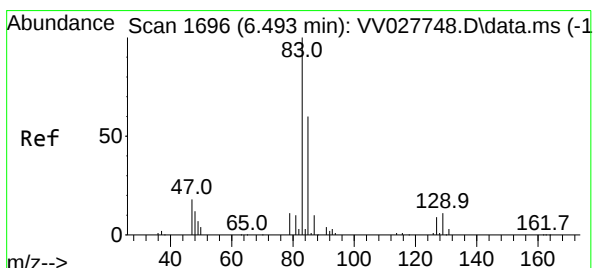
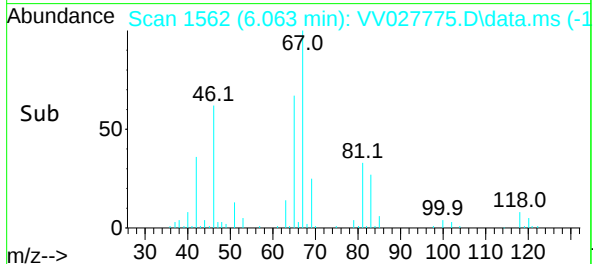
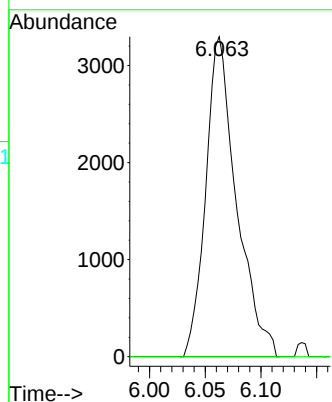
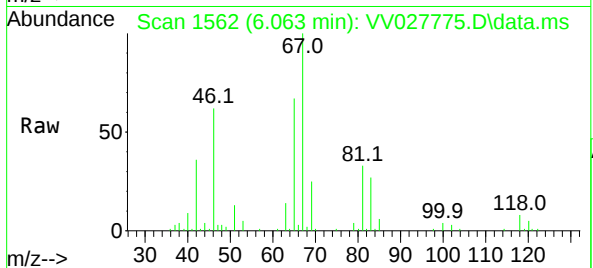
DBVC2

Tgt Ion: 63 Resp: 6333

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.031 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.019 min

Lab File: VV027775.D

Acq: 07 Sep 2022 12:23

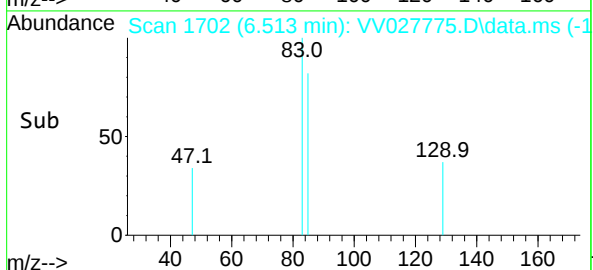
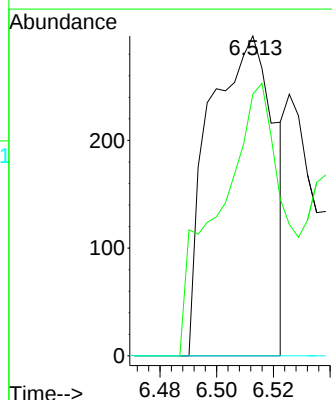
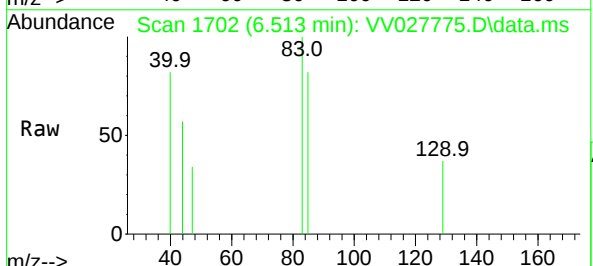
Tgt Ion: 83 Resp: 470

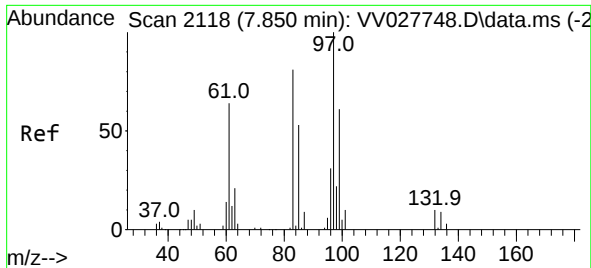
Ion Ratio Lower Upper

83 100

85 81.8 43.3 80.3#

127 0.0 7.1 10.7#





#45

1,1,2-Trichloroethane

Concen: 0.076 ug/L

RT: 7.966 min Scan# 2118

Delta R.T. 0.116 min

Lab File: VV027775.D

Acq: 07 Sep 2022 12:23

Instrument :

MSVOA_V

ClientSampleId :

DBVC2

Tgt Ion: 97 Resp: 572

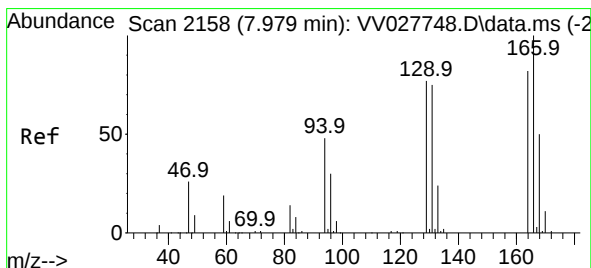
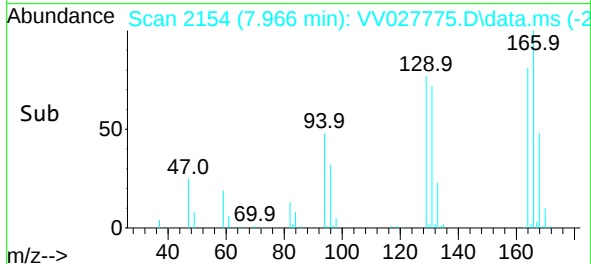
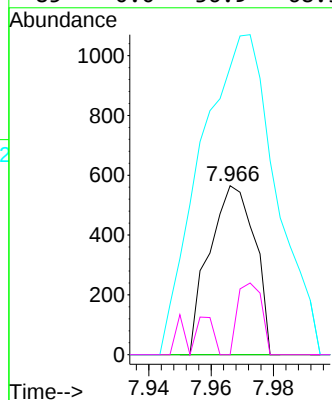
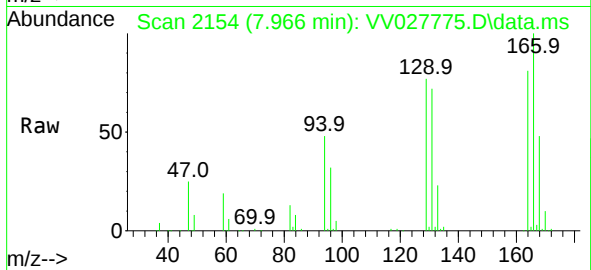
Ion Ratio Lower Upper

97 100

99 0.0 44.2 82.0#

83 170.1 60.3 112.1#

85 0.0 36.9 68.5#



#47

Tetrachloroethene

Concen: 9.322 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.010 min

Lab File: VV027775.D

Acq: 07 Sep 2022 12:23

Tgt Ion: 164 Resp: 91308

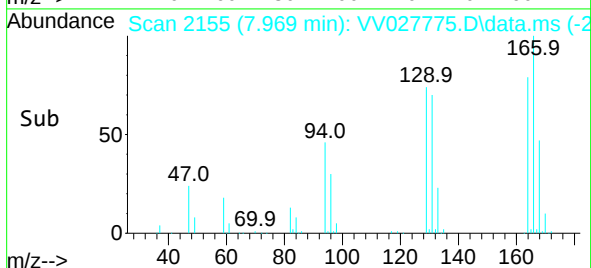
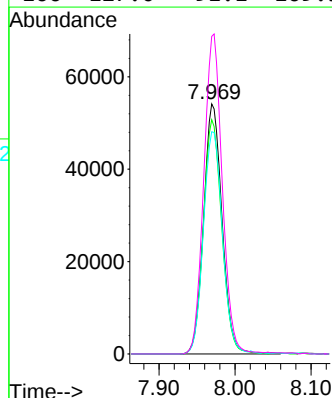
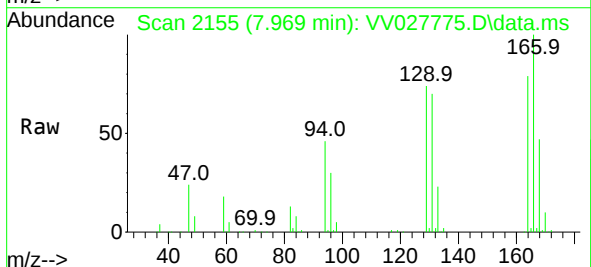
Ion Ratio Lower Upper

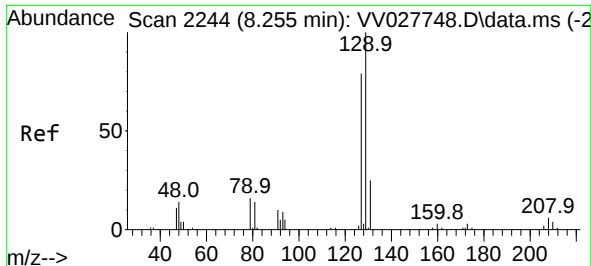
164 100

129 93.7 67.2 124.8

131 88.9 61.5 114.3

166 127.0 91.1 169.3





#49

Dibromochloromethane

Concen: 6.436 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.286 min

Lab File: VV027775.D

Acq: 07 Sep 2022 12:23

Instrument :

MSVOA_V

ClientSampleId :

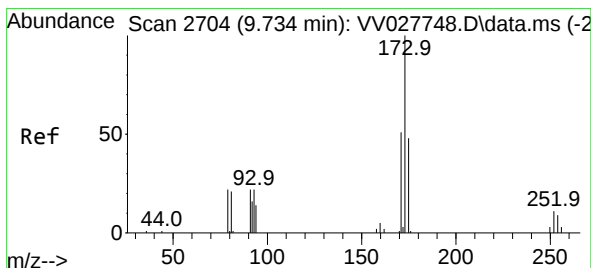
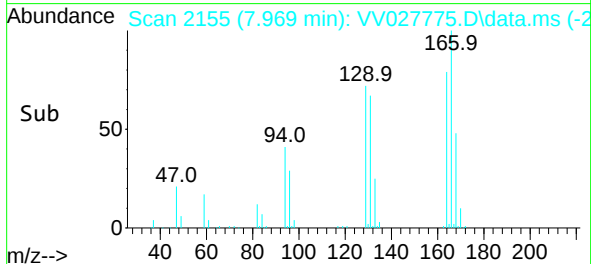
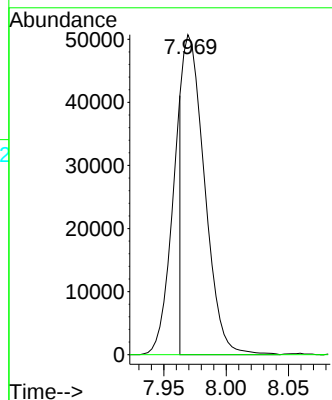
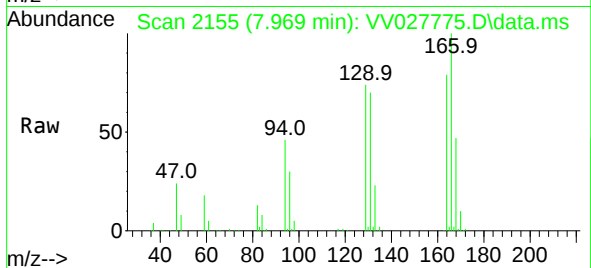
DBVC2

Tgt Ion:129 Resp: 61267

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

Bromoform

Concen: 17.275 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.006 min

Lab File: VV027775.D

Acq: 07 Sep 2022 12:23

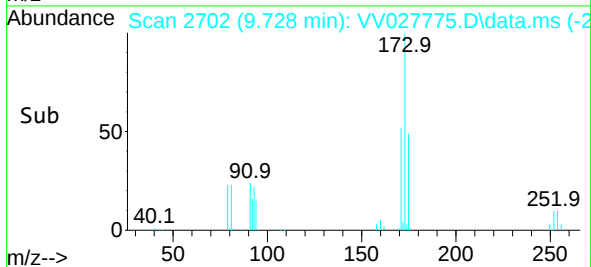
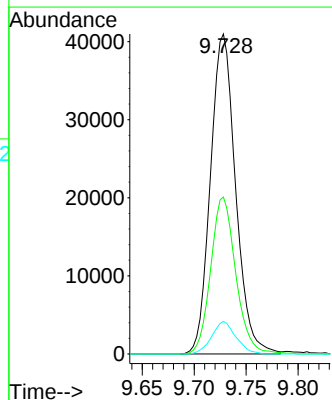
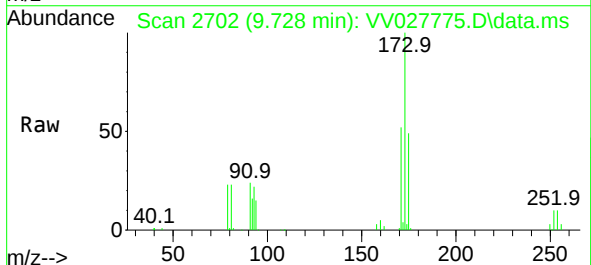
Tgt Ion:173 Resp: 68979

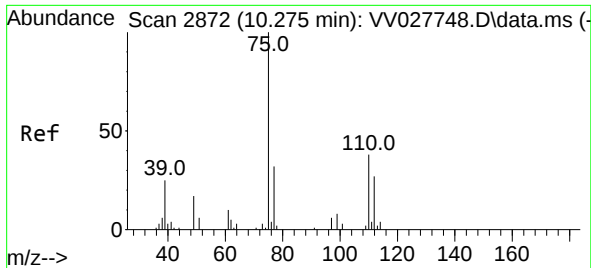
Ion Ratio Lower Upper

173 100

175 48.8 38.4 57.6

254 9.8 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 0.094 ug/L
 RT: 10.223 min Scan# 2856
 Delta R.T. -0.051 min
 Lab File: VV027775.D
 Acq: 07 Sep 2022 12:23

Instrument : MSVOA_V
 ClientSampleId : DBVC2

Tgt Ion: 75 Resp: 491
 Ion Ratio Lower Upper
 75 100
 77 1389.8 27.6 41.4#
 110 0.0 35.6 53.4#

