

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030966.D
 Acq On : 01 May 2023 19:30
 Operator : SY/MD
 Sample : 02488-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE66DL

Quant Time: May 02 01:35:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

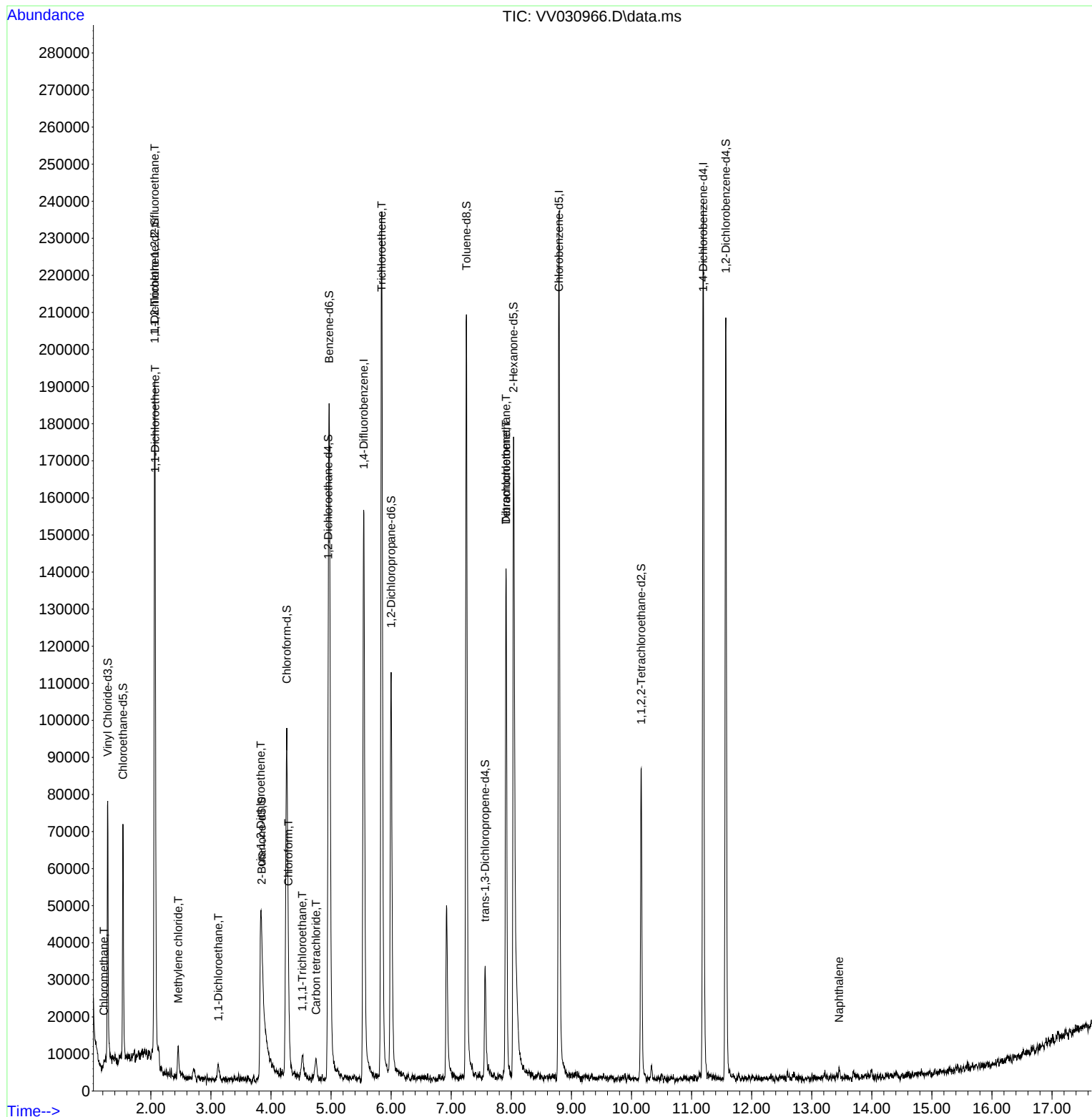
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	131906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	65850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	45155	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.535	69	37640	4.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.063	65	23302	4.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.844	46	81540	42.311	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.620%
24) Chloroform-d	4.262	84	89602	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.953	65	50551	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.969	84	159772	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.998	67	45905	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.252	98	137338	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.564	79	17358	4.199	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.037	63	64256	44.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.720%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35476	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	55249	4.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1037	0.085	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1652	0.171	ug/L #	60
12) 1,1-Dichloroethene	2.072	96	18034	2.032	ug/L #	48
16) Methylene chloride	2.458	84	3970	0.395	ug/L	88
19) 1,1-Dichloroethane	3.124	63	3800	0.243	ug/L	91
22) cis-1,2-Dichloroethene	3.831	96	11696	1.367	ug/L	89
25) Chloroform	4.288	83	11766	0.700	ug/L	92
29) 1,1,1-Trichloroethane	4.519	97	2515	0.155	ug/L #	24
31) Carbon tetrachloride	4.751	117	3588	0.246	ug/L	88
34) Trichloroethene	5.841	95	75853	8.743	ug/L	96
47) Tetrachloroethene	7.911	164	30033	3.629	ug/L	98
49) Dibromochloromethane	7.911	129	25959	3.602	ug/L #	10
71) Naphthalene	13.455	128	1850	0.116	ug/L #	76

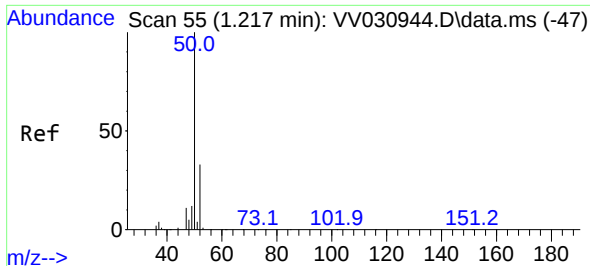
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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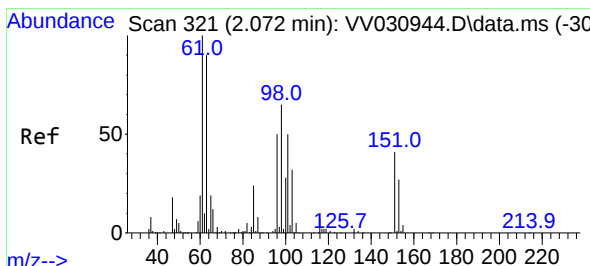
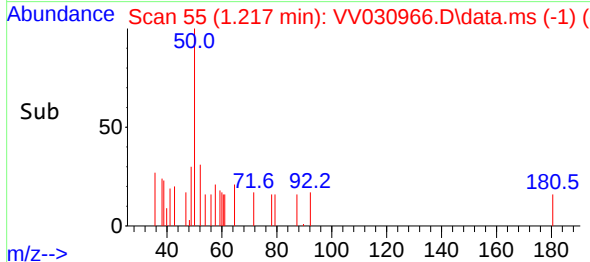
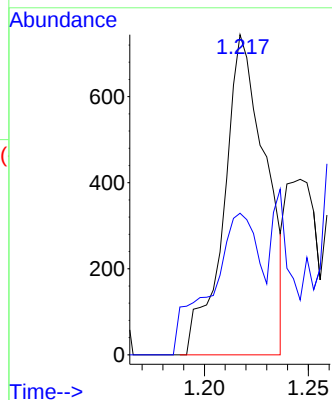
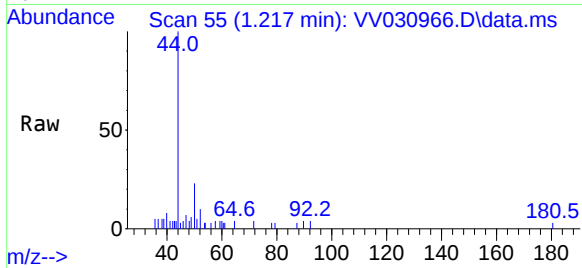




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

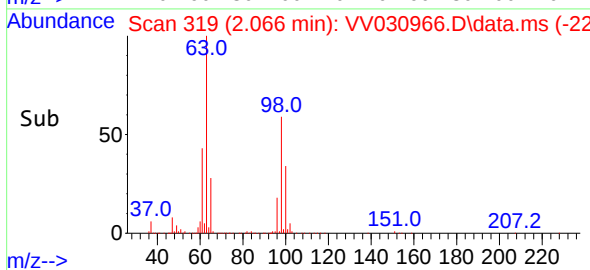
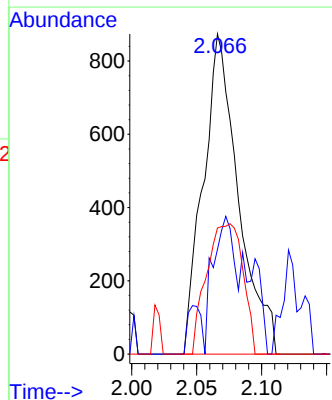
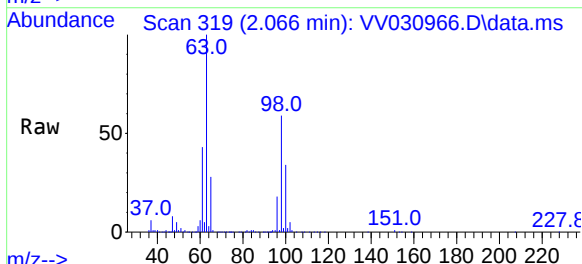
Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

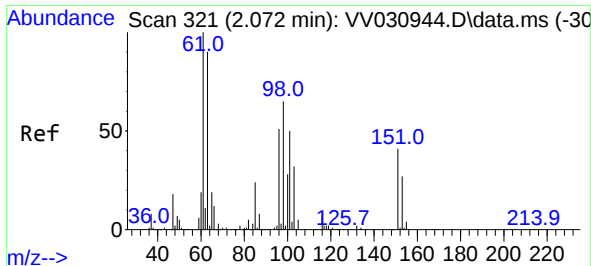
Tgt Ion: 50 Resp: 1037
Ion Ratio Lower Upper
50 100
52 44.2 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.171 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.007 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Tgt Ion: 101 Resp: 1652
Ion Ratio Lower Upper
101 100
85 26.5 38.7 58.1#
151 41.8 65.1 97.7#

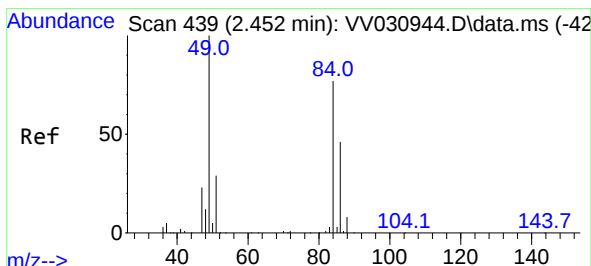
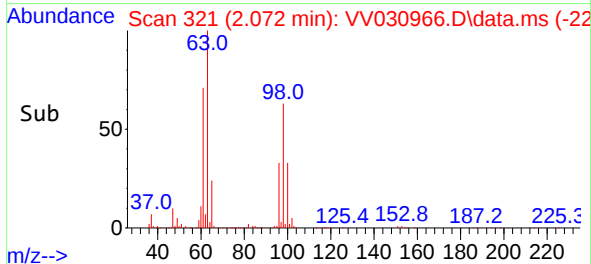
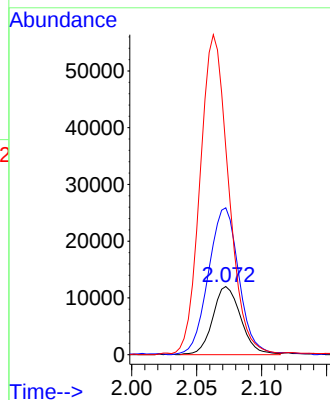
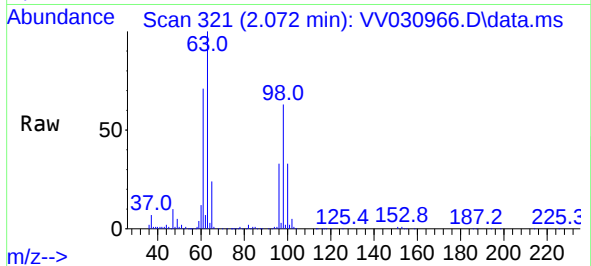




#12
1,1-Dichloroethene
Concen: 2.032 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

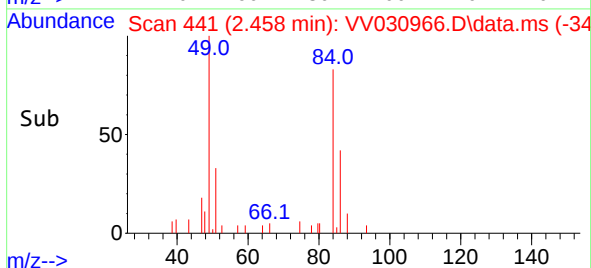
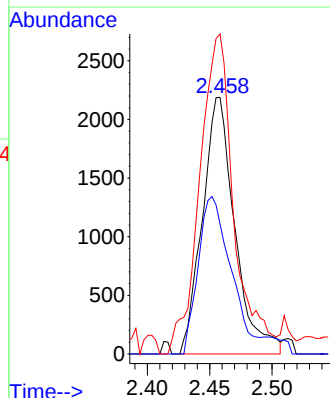
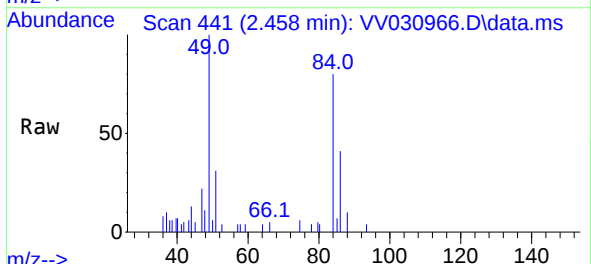
Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

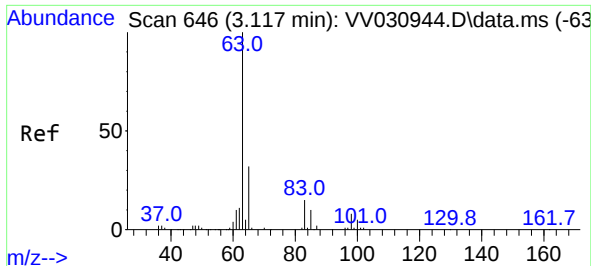
Tgt Ion: 96 Resp: 18034
Ion Ratio Lower Upper
96 100
61 215.7 135.6 251.8
63 303.7 121.1 224.9#



#16
Methylene chloride
Concen: 0.395 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Tgt Ion: 84 Resp: 3970
Ion Ratio Lower Upper
84 100
86 50.7 46.1 85.5
49 124.8 94.3 175.1



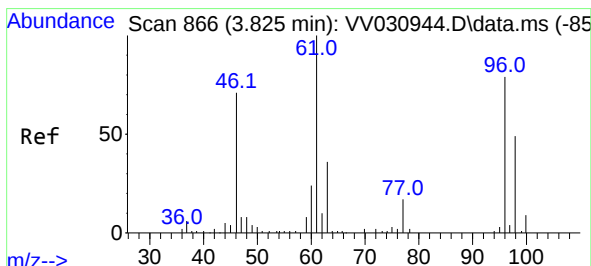
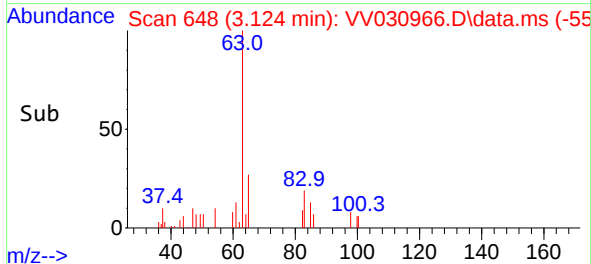
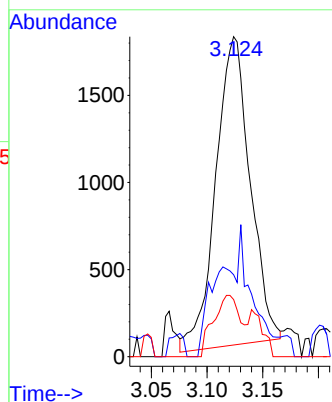
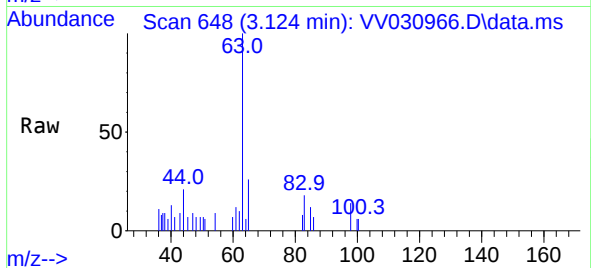


#19
1,1-Dichloroethane
Concen: 0.243 ug/L
RT: 3.124 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 63 Resp: 3800

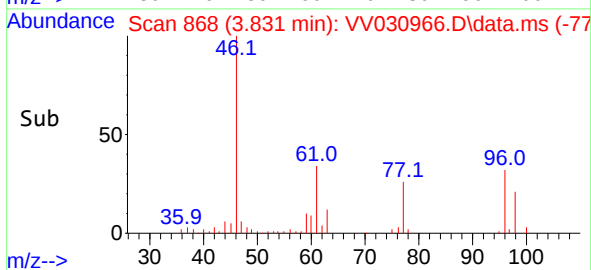
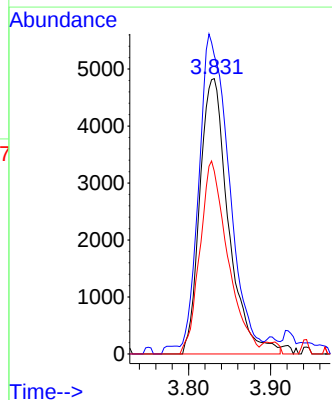
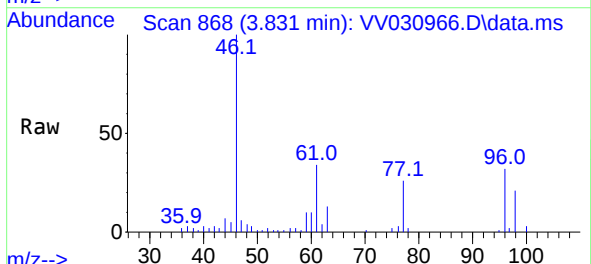
Ion	Ratio	Lower	Upper
63	100		
65	25.6	21.8	40.6
83	17.9	10.2	19.0

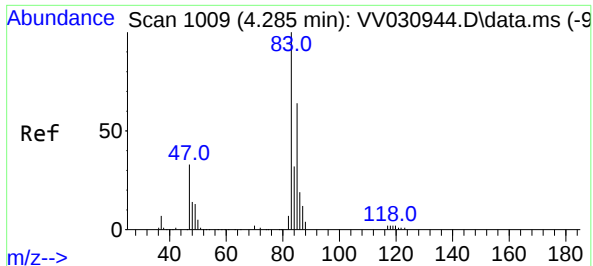


#22
cis-1,2-Dichloroethene
Concen: 1.367 ug/L
RT: 3.831 min Scan# 868
Delta R.T. 0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Tgt Ion: 96 Resp: 11696

Ion	Ratio	Lower	Upper
96	100		
61	108.4	86.0	159.6
98	66.3	43.2	80.2





#25

Chloroform

Concen: 0.700 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030966.D

Acq: 01 May 2023 19:30

Instrument :

MSVOA_V

ClientSampleId :

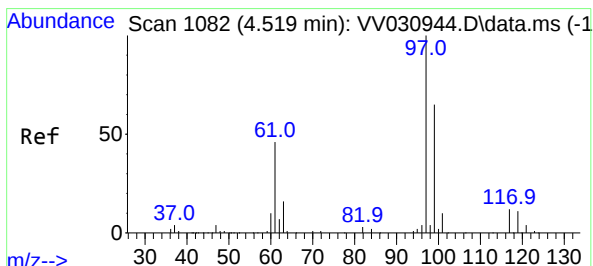
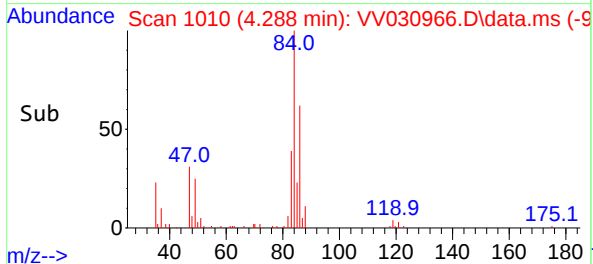
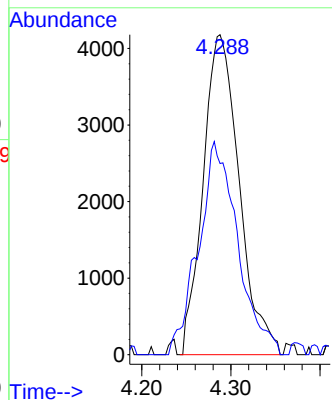
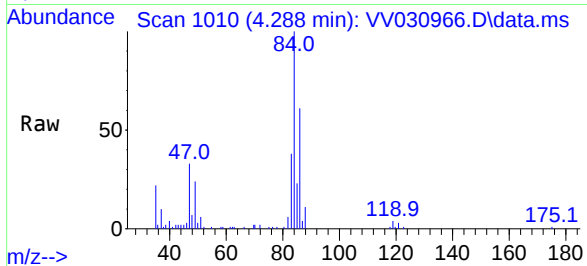
BHE66DL

Tgt Ion: 83 Resp: 11766

Ion Ratio Lower Upper

83 100

85 59.7 46.4 86.2



#29

1,1,1-Trichloroethane

Concen: 0.155 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030966.D

Acq: 01 May 2023 19:30

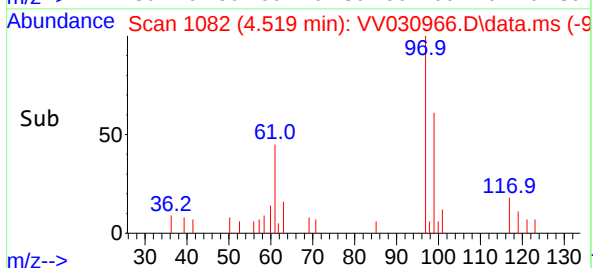
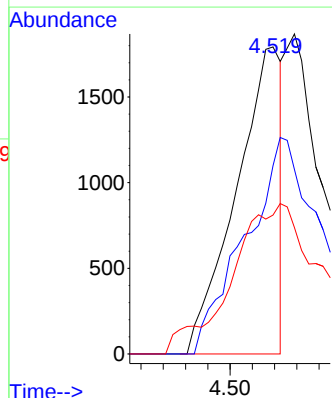
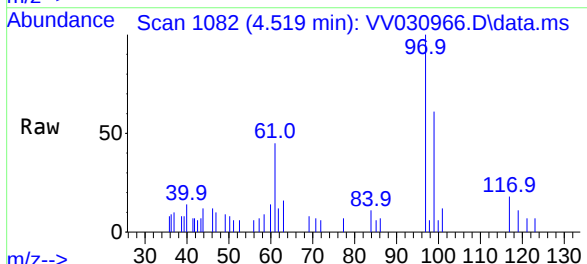
Tgt Ion: 97 Resp: 2515

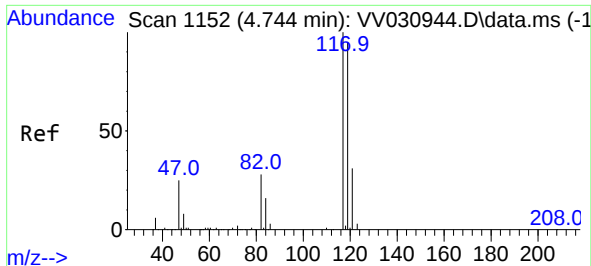
Ion Ratio Lower Upper

97 100

99 123.1 51.4 77.2#

61 98.0 37.4 56.0#

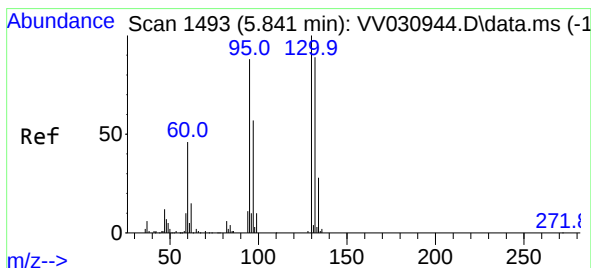
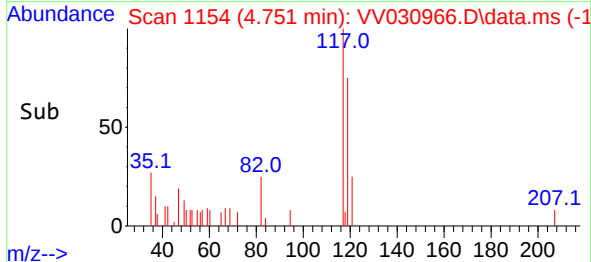
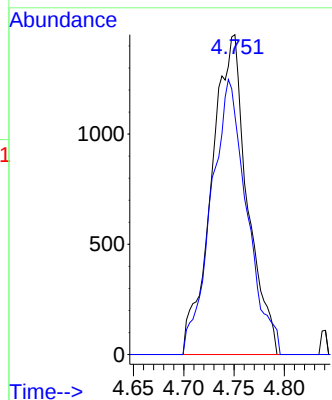
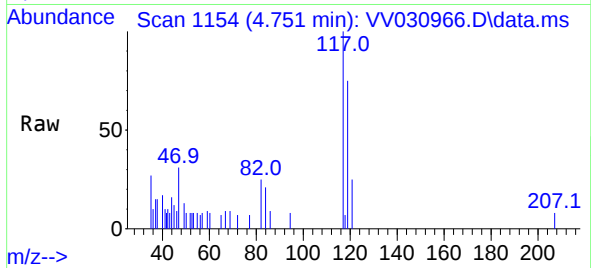




#31
Carbon tetrachloride
Concen: 0.246 ug/L
RT: 4.751 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

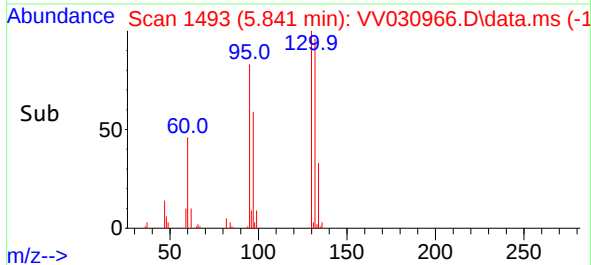
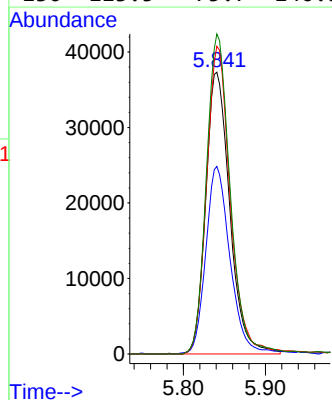
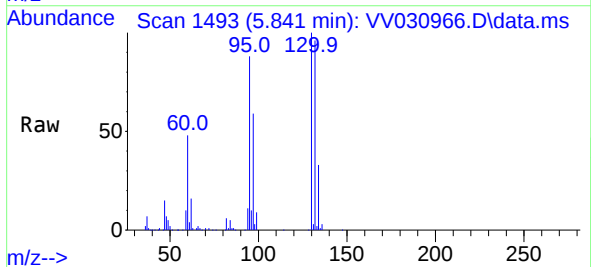
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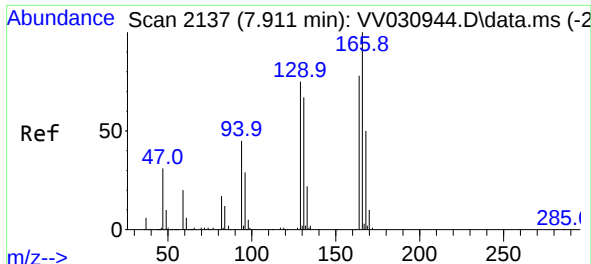
Tgt Ion:117 Resp: 3588
Ion Ratio Lower Upper
117 100
119 86.3 78.4 117.6



#34
Trichloroethene
Concen: 8.743 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Tgt Ion: 95 Resp: 75853
Ion Ratio Lower Upper
95 100
97 66.5 46.2 85.8
132 109.2 72.7 135.1
130 113.5 75.7 140.5



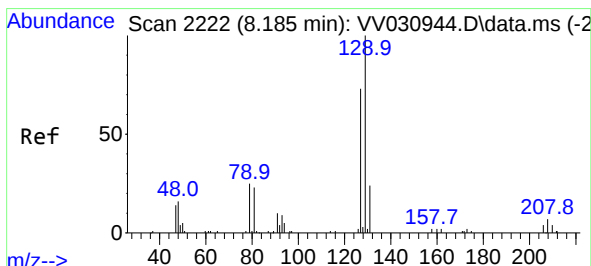
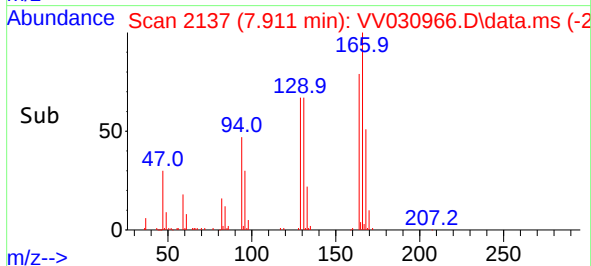
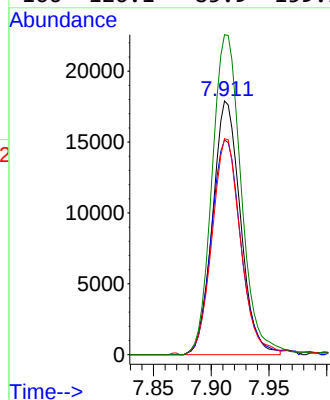
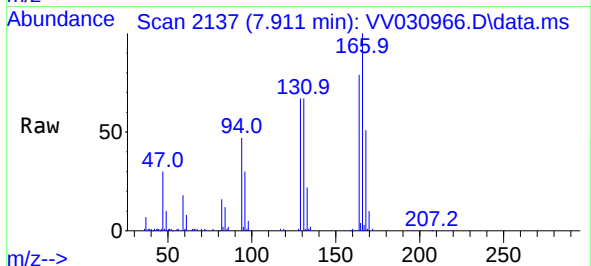


#47
Tetrachloroethene
Concen: 3.629 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion:164 Resp: 30033

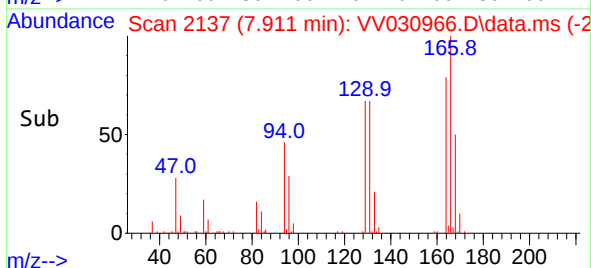
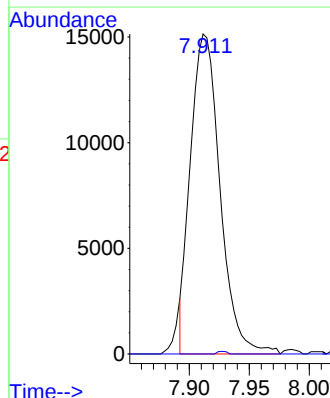
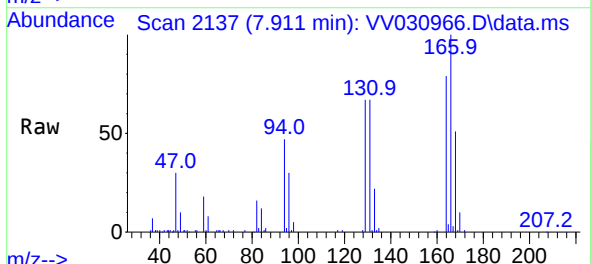
Ion	Ratio	Lower	Upper
164	100		
129	84.6	60.5	112.3
131	85.1	60.8	112.8
166	126.1	85.9	159.5

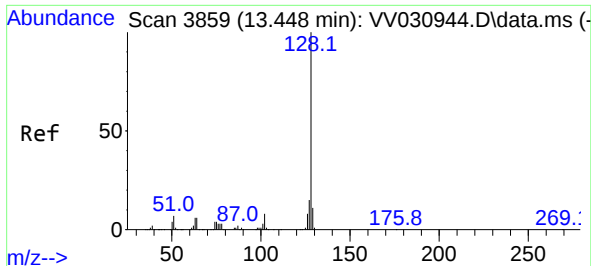


#49
Dibromochloromethane
Concen: 3.602 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Tgt Ion:129 Resp: 25959

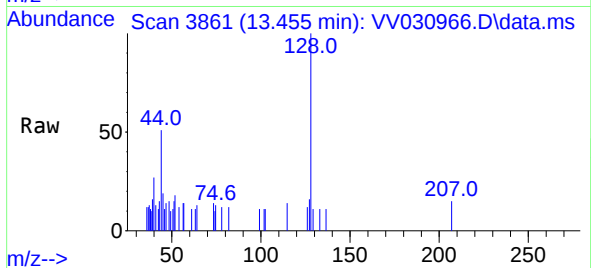
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#





#71
Naphthalene
Concen: 0.116 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.010 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL



Tgt Ion:	128	Resp:	1850
Ion	Ratio	Lower	Upper
128	100		
129	5.6	8.6	13.0#
127	0.0	10.6	16.0#

