

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030930.D
 Acq On : 28 Apr 2023 18:57
 Operator : SY/MD
 Sample : 02488-19DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE74DL

Quant Time: Apr 29 01:12:29 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)

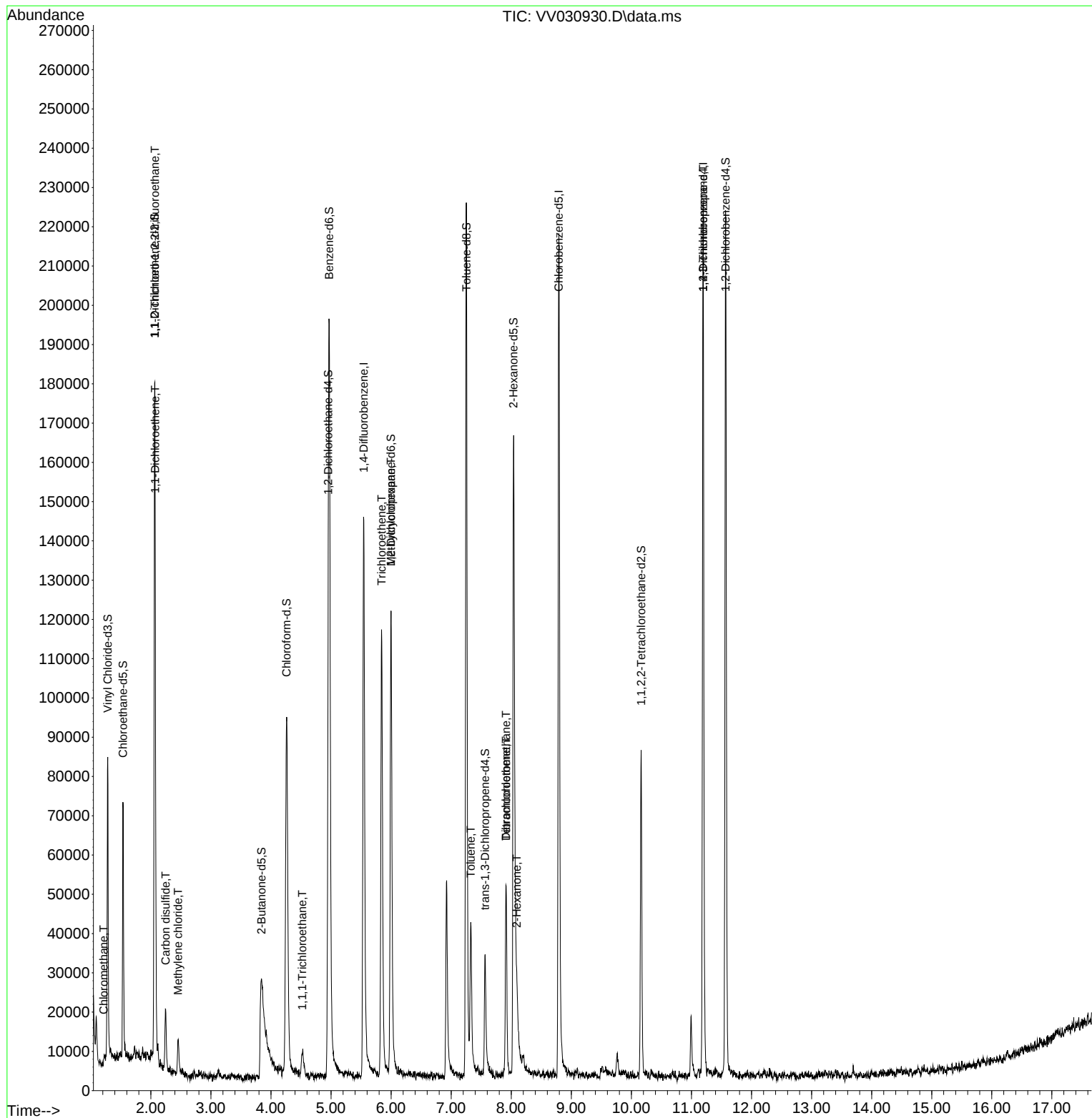
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	123294	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47384	4.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.535	69	41785	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.063	65	24831	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.841	46	60991	33.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.720%
24) Chloroform-d	4.259	84	96595	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.953	65	50767	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.969	84	170045	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.998	67	50256	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.252	98	148708	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.564	79	18767	4.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.037	63	62832	46.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.860%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35460	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	57342	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1058	0.093	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1376	0.153	ug/L #	41
12) 1,1-Dichloroethene	2.072	96	12093	1.457	ug/L #	1
14) Carbon disulfide	2.246	76	17167	0.791	ug/L	97
16) Methylene chloride	2.455	84	4320	0.460	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	4900	0.326	ug/L	96
34) Trichloroethene	5.841	95	37909	4.727	ug/L	96
35) Methylcyclohexane	5.998	83	13468	1.084	ug/L #	19
42) Toluene	7.326	91	28192	0.870	ug/L	97
47) Tetrachloroethene	7.911	164	11803	1.543	ug/L	96
48) 2-Hexanone	8.091	43	7781	2.744	ug/L #	93
49) Dibromochloromethane	7.911	129	8732	1.311	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6683	1.741	ug/L #	58

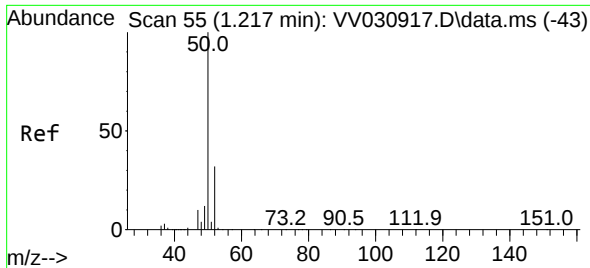
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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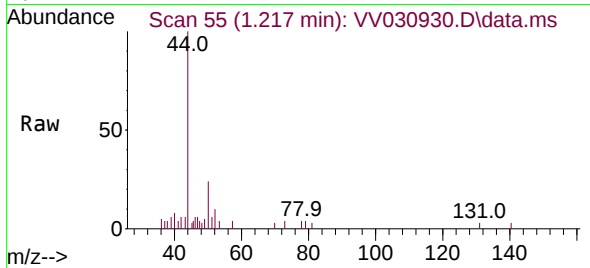
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
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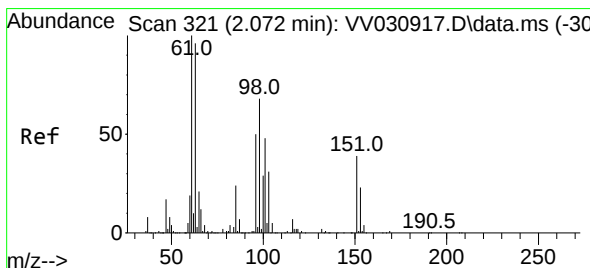
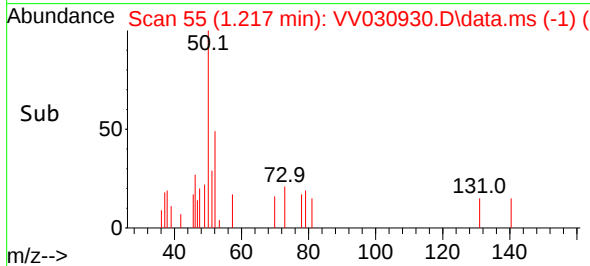
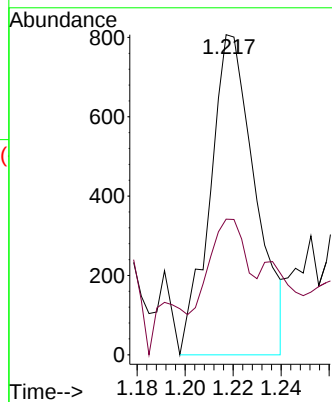


#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

Instrument :
MSVOA_V
ClientSampleId :
BHE74DL

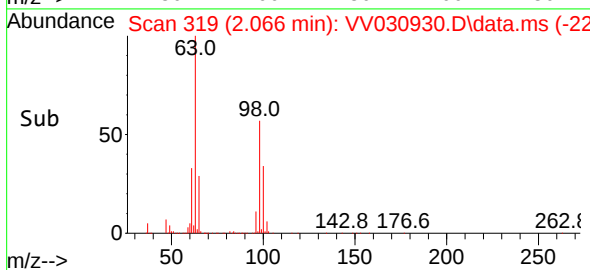
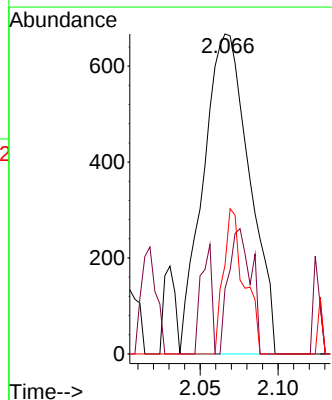
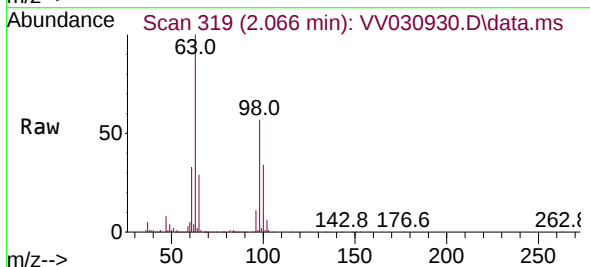


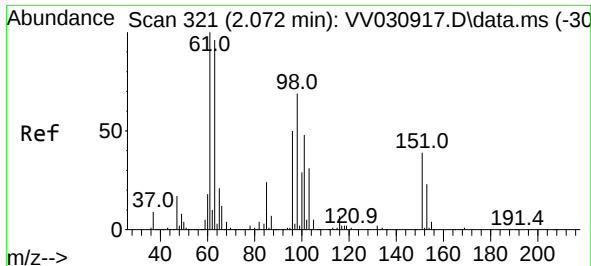
Tgt Ion: 50 Resp: 1058
Ion Ratio Lower Upper
50 100
52 42.4 22.8 42.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.153 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.007 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

Tgt Ion: 101 Resp: 1376
Ion Ratio Lower Upper
101 100
85 19.4 38.7 58.1#
151 20.4 65.1 97.7#

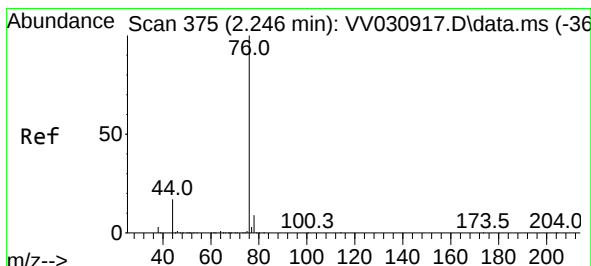
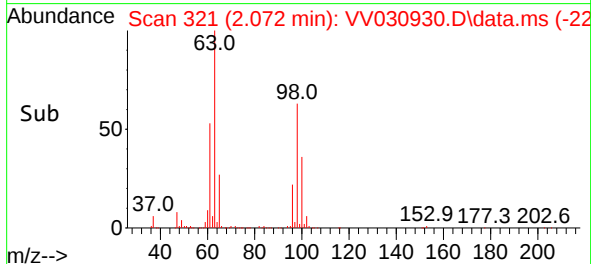
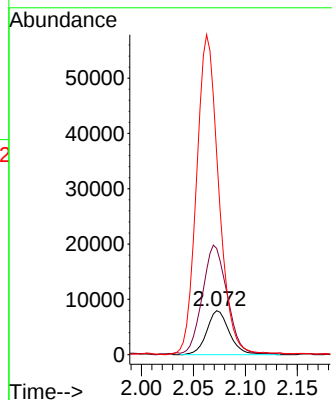
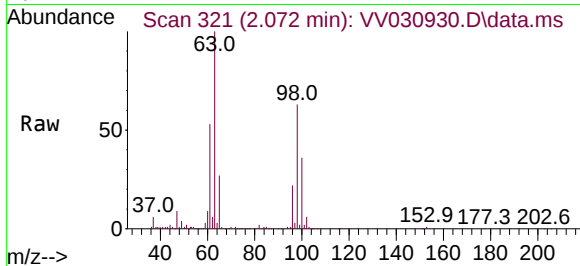




#12
 1,1-Dichloroethene
 Concen: 1.457 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV030930.D
 Acq: 28 Apr 2023 18:57

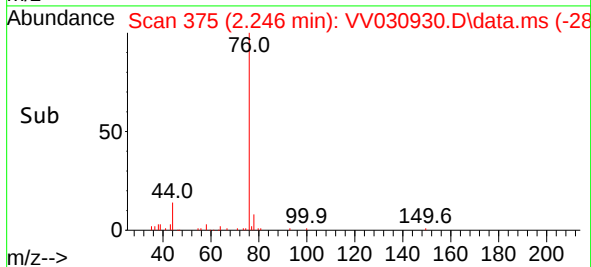
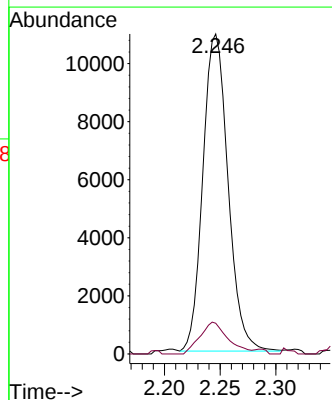
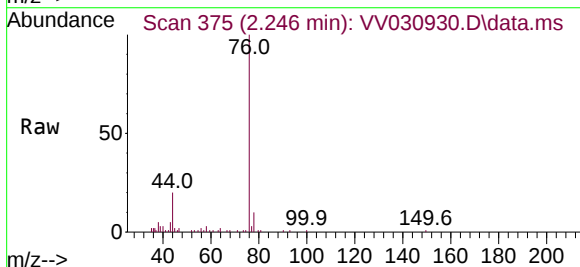
Instrument :
 MSVOA_V
 ClientSampleId :
 BHE74DL

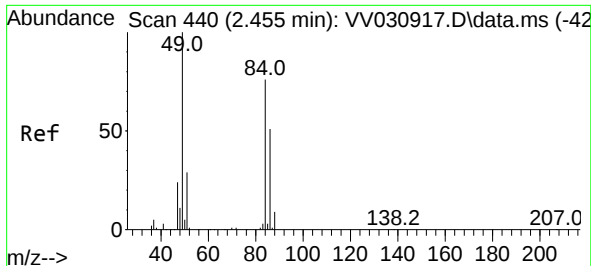
Tgt Ion: 96 Resp: 12093
 Ion Ratio Lower Upper
 96 100
 61 241.8 135.6 251.8
 63 456.9 121.1 224.9#



#14
 Carbon disulfide
 Concen: 0.791 ug/L
 RT: 2.246 min Scan# 375
 Delta R.T. -0.000 min
 Lab File: VV030930.D
 Acq: 28 Apr 2023 18:57

Tgt Ion: 76 Resp: 17167
 Ion Ratio Lower Upper
 76 100
 78 9.6 6.8 10.2

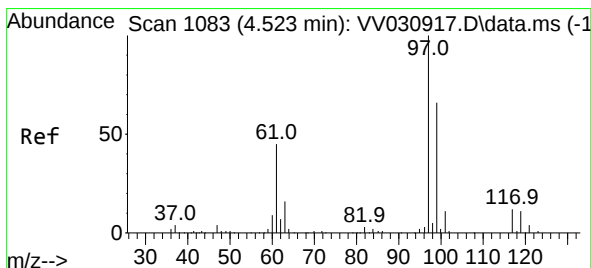
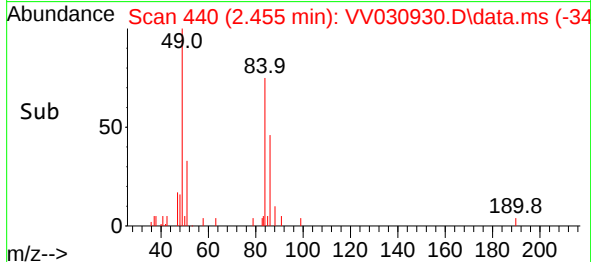
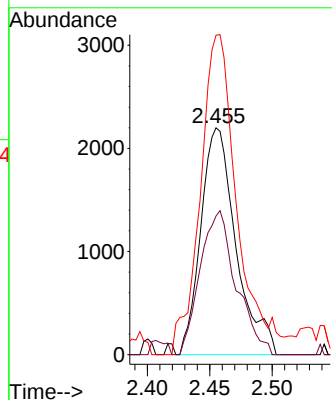
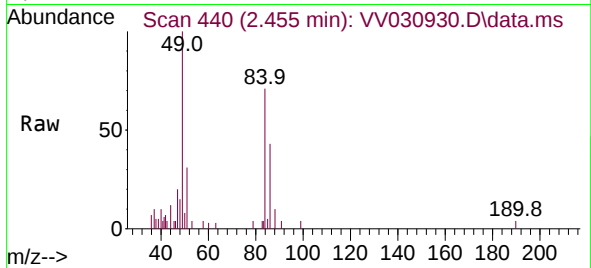




#16
Methylene chloride
Concen: 0.460 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

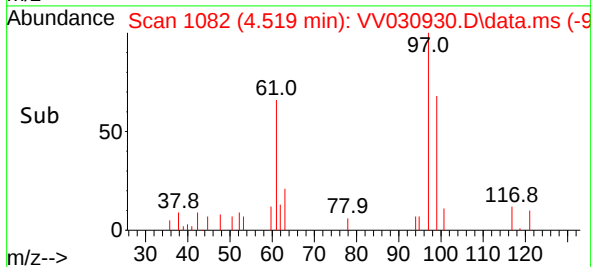
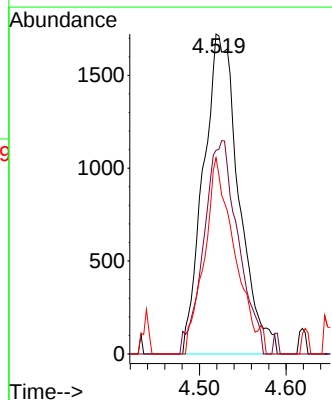
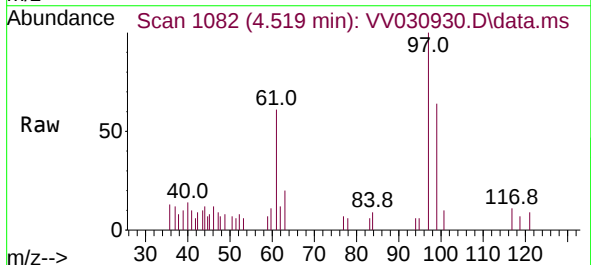
Instrument :
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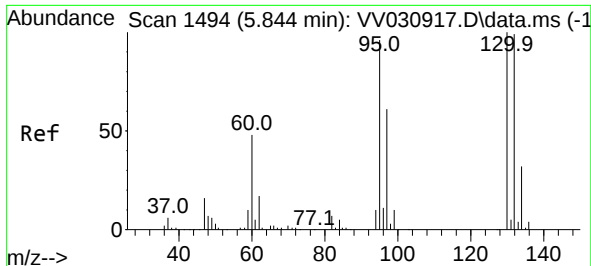
Tgt Ion: 84 Resp: 4320
Ion Ratio Lower Upper
84 100
86 61.2 46.1 85.5
49 140.9 94.3 175.1



#29
1,1,1-Trichloroethane
Concen: 0.326 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.003 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

Tgt Ion: 97 Resp: 4900
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 52.7 37.4 56.0

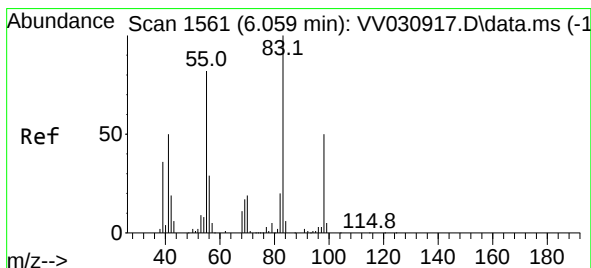
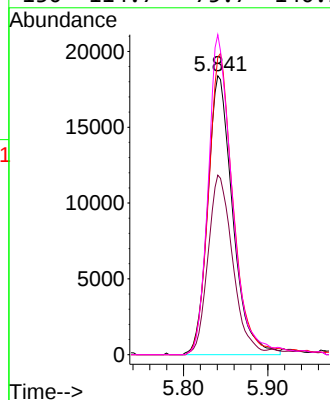
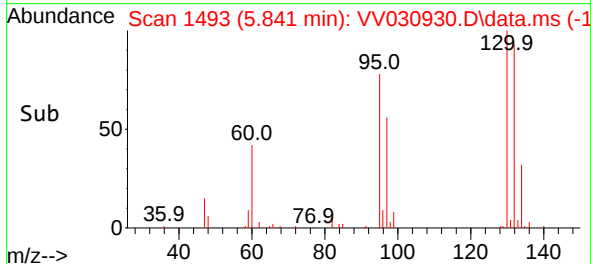
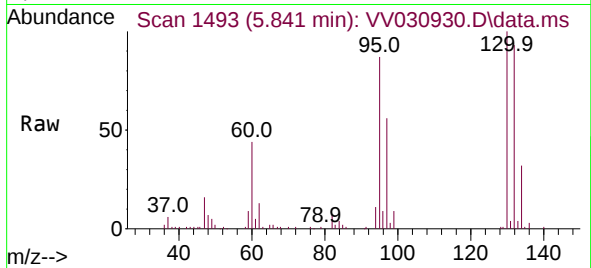




#34
 Trichloroethene
 Concen: 4.727 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. -0.003 min
 Lab File: VV030930.D
 Acq: 28 Apr 2023 18:57

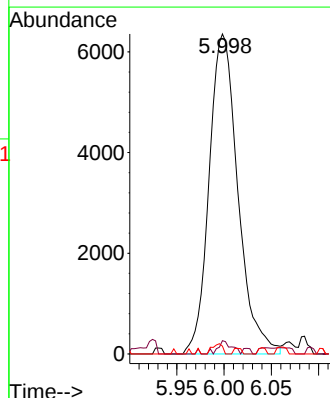
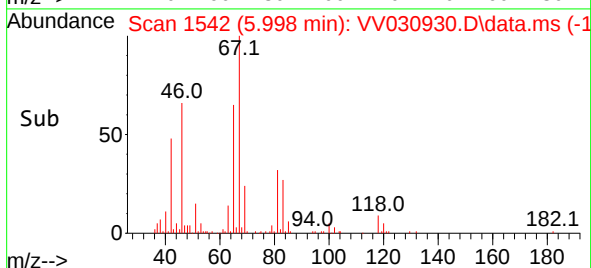
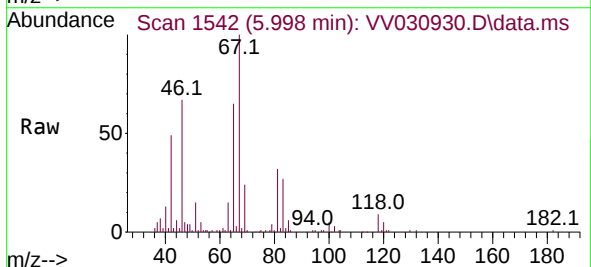
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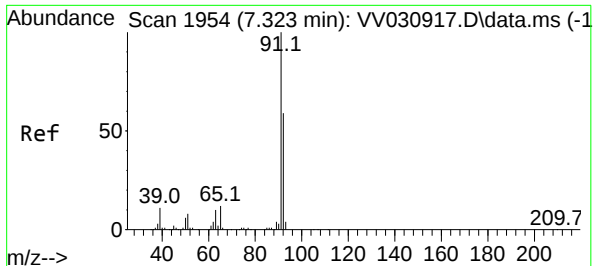
Tgt Ion:	95	Resp:	37909
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.2	85.8
132	106.7	72.7	135.1
130	114.7	75.7	140.5



#35
 Methylcyclohexane
 Concen: 1.084 ug/L
 RT: 5.998 min Scan# 1542
 Delta R.T. -0.061 min
 Lab File: VV030930.D
 Acq: 28 Apr 2023 18:57

Tgt Ion:	83	Resp:	13468
Ion	Ratio	Lower	Upper
83	100		
55	2.0	62.9	94.3#
98	1.2	40.5	60.7#

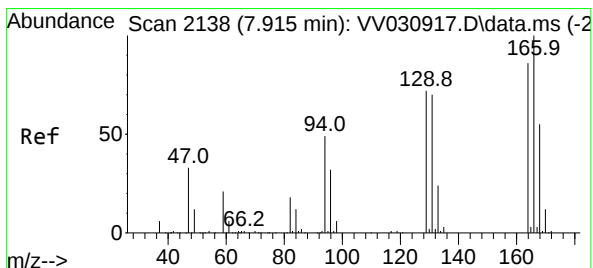
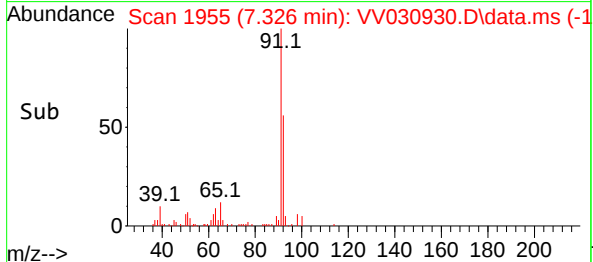
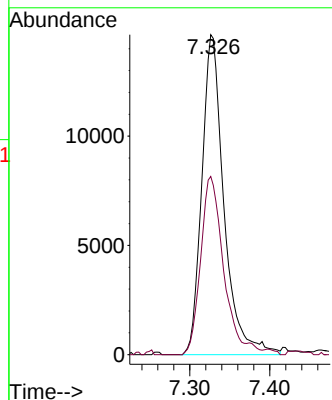
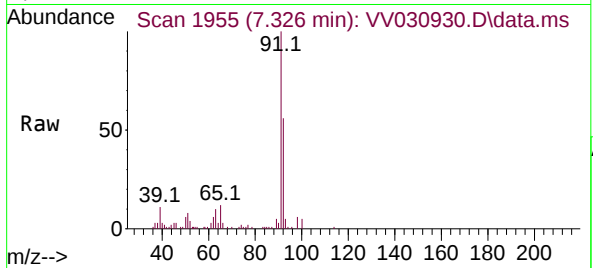




#42
Toluene
Concen: 0.870 ug/L
RT: 7.326 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

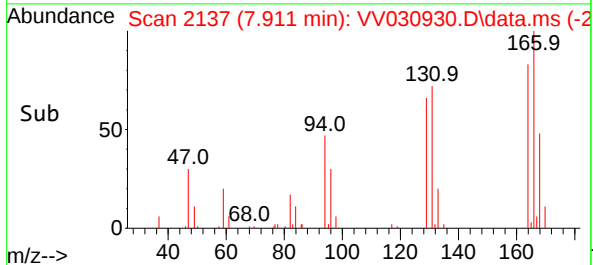
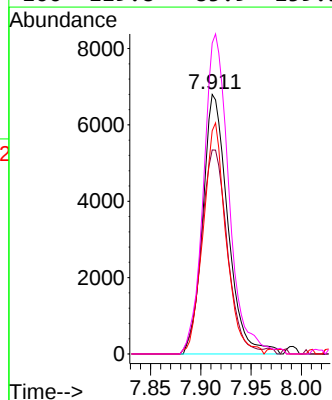
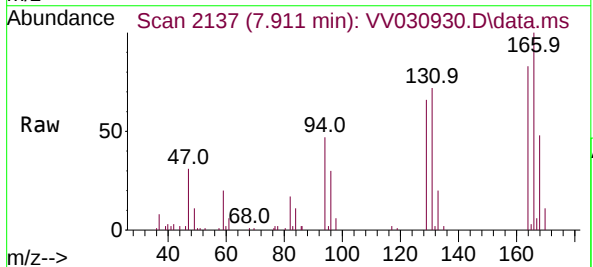
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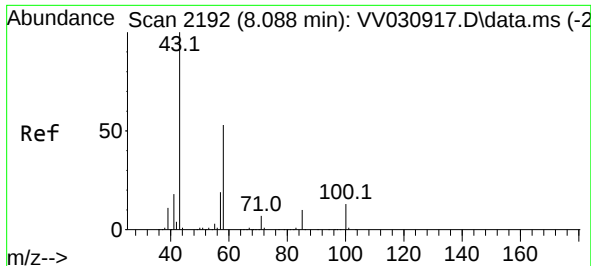
Tgt Ion: 91 Resp: 28192
Ion Ratio Lower Upper
91 100
92 55.7 40.5 75.1



#47
Tetrachloroethene
Concen: 1.543 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

Tgt Ion: 164 Resp: 11803
Ion Ratio Lower Upper
164 100
129 78.6 60.5 112.3
131 86.0 60.8 112.8
166 119.8 85.9 159.5

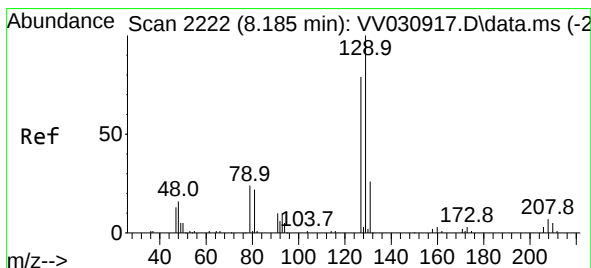
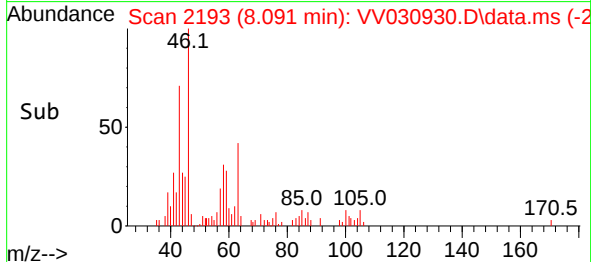
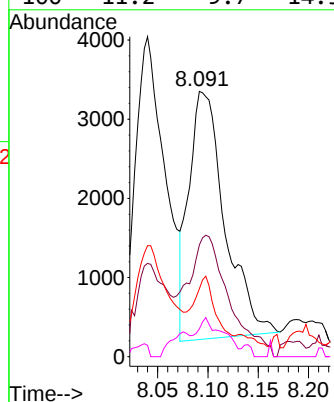
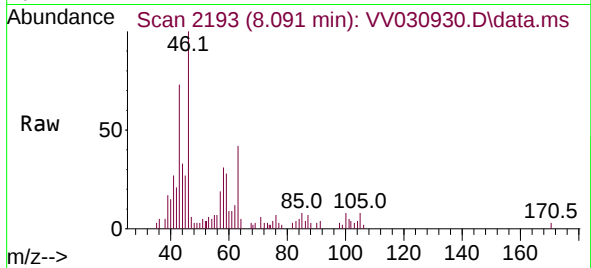




#48
2-Hexanone
Concen: 2.744 ug/L
RT: 8.091 min Scan# 2192
Delta R.T. 0.003 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

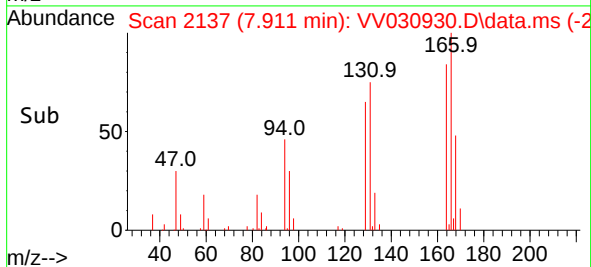
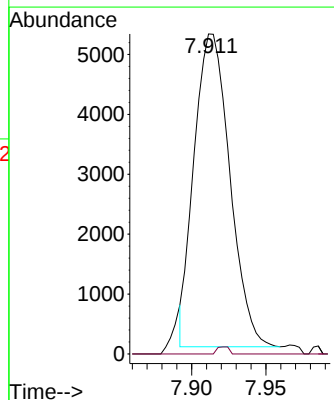
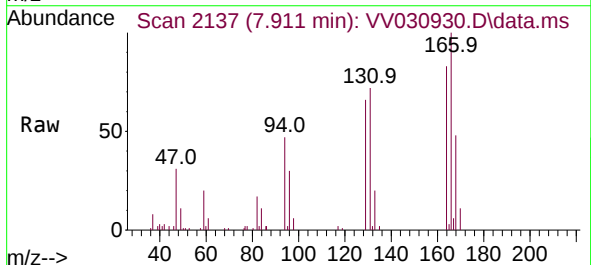
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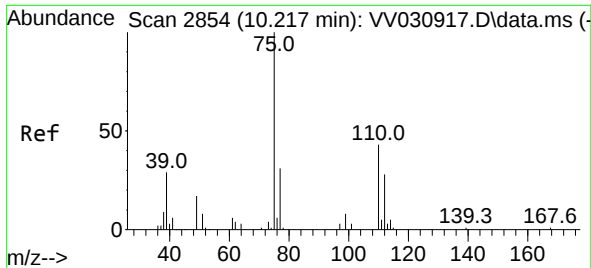
Tgt Ion: 43	Resp: 7781
Ion Ratio	Lower Upper
43 100	
58 55.6	39.9 59.9
57 14.0	14.1 21.1#
100 11.2	9.7 14.5



#49
Dibromochloromethane
Concen: 1.311 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030930.D
Acq: 28 Apr 2023 18:57

Tgt Ion:129	Resp:	8732	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#





#61

1,2,3-Trichloropropane

Concen: 1.741 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV030930.D

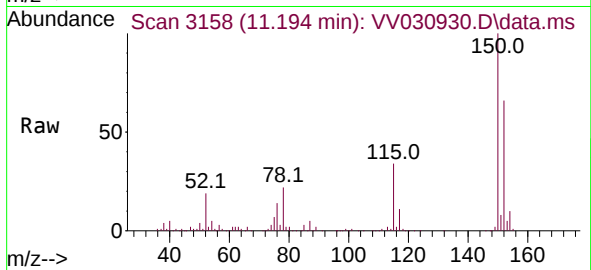
Acq: 28 Apr 2023 18:57

Instrument :

MSVOA_V

ClientSampleId :

BHE74DL



Tgt Ion: 75 Resp: 6683

Ion Ratio Lower Upper

75 100

77 40.5 25.3 37.9#

110 3.9 34.0 51.0#

