

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030931.D
 Acq On : 28 Apr 2023 19:22
 Operator : SY/MD
 Sample : 02488-20DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE75DL

Quant Time: Apr 29 01:12:44 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)

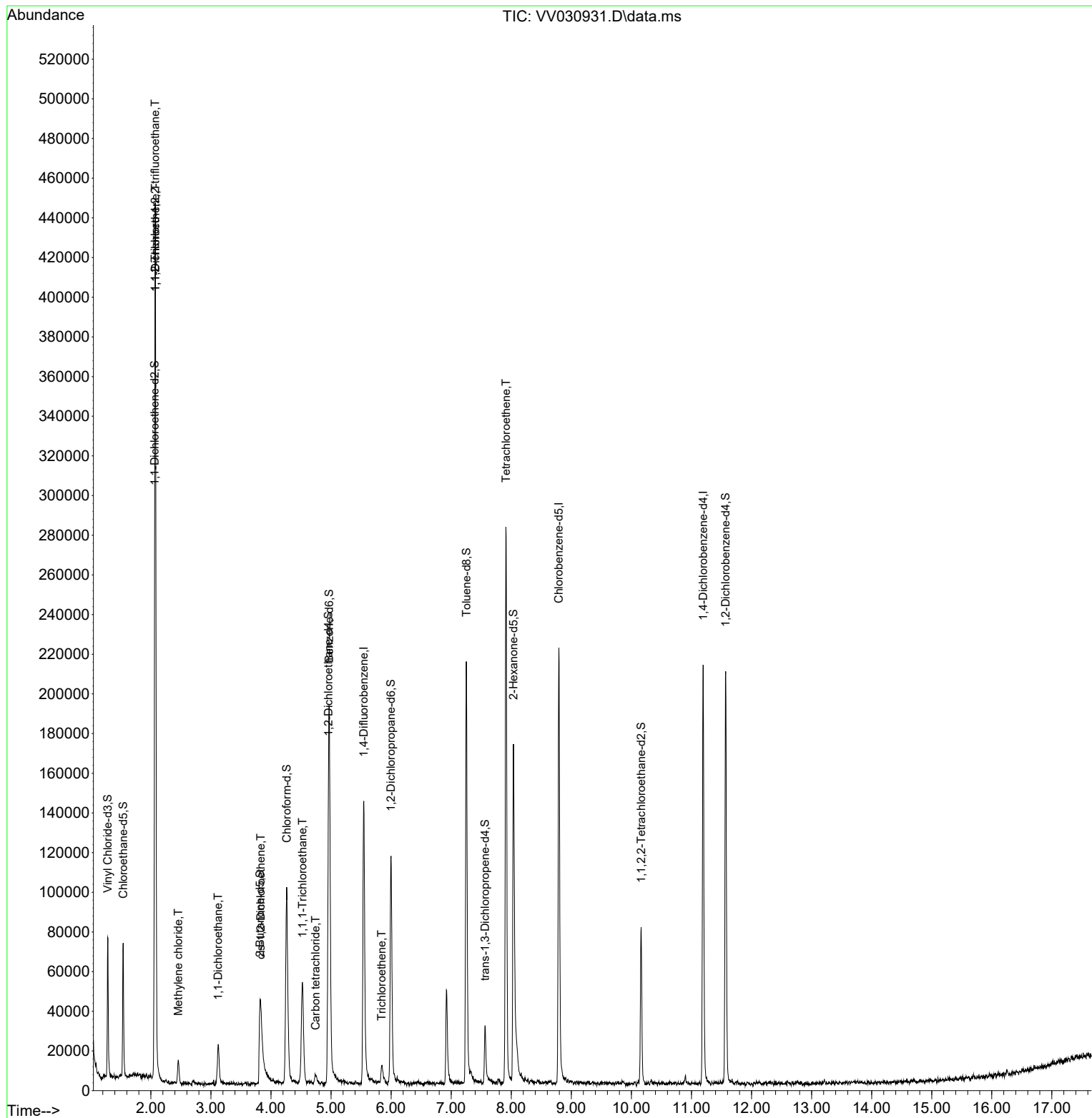
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	121749	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	45943	4.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.539	69	39438	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.063	65	23083	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.818	46	77250	43.429	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.860%
24) Chloroform-d	4.262	84	95680	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.956	65	50342	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	4.969	84	166269	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.998	67	48179	4.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.252	98	139533	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.564	79	17522	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.037	63	61653	46.049	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34605	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	55911	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4802	0.540	ug/L	90
12) 1,1-Dichloroethene	2.076	96	96624	11.793	ug/L #	70
16) Methylene chloride	2.458	84	4883	0.527	ug/L	93
19) 1,1-Dichloroethane	3.120	63	18685	1.293	ug/L	94
22) cis-1,2-Dichloroethene	3.828	96	3513	0.445	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	40584	2.700	ug/L	97
31) Carbon tetrachloride	4.741	117	3368	0.249	ug/L	98
34) Trichloroethene	5.844	95	2965	0.370	ug/L	95
47) Tetrachloroethene	7.911	164	64320	8.407	ug/L	97

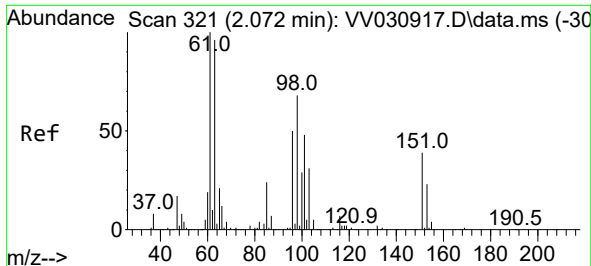
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.540 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030931.D

Acq: 28 Apr 2023 19:22

Instrument :

MSVOA_V

ClientSampleId :

BHE75DL

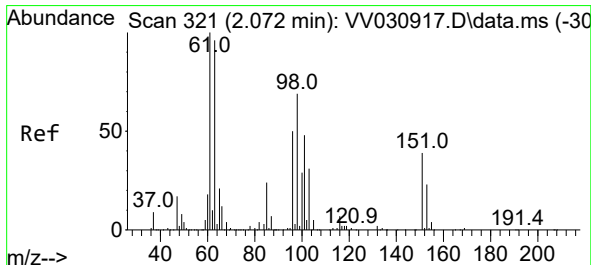
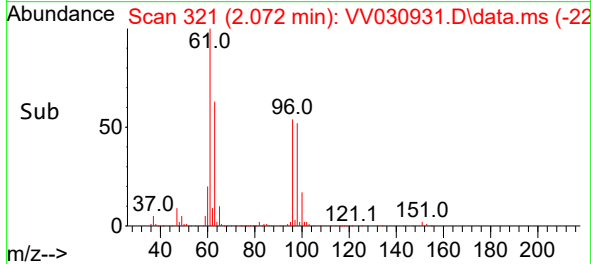
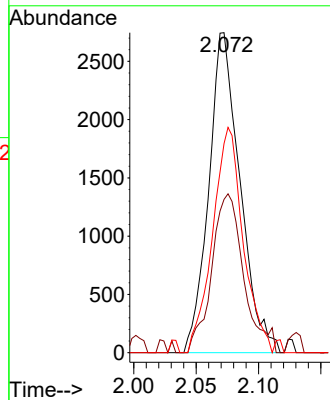
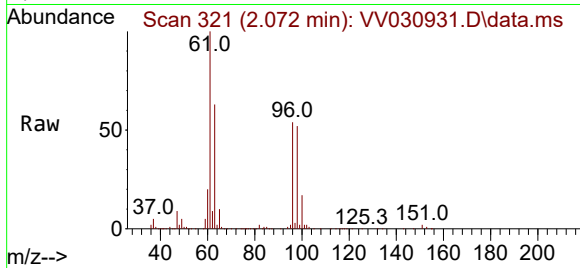
Tgt Ion:101 Resp: 4802

Ion Ratio Lower Upper

101 100

85 50.7 38.7 58.1

151 68.6 65.1 97.7



#12

1,1-Dichloroethene

Concen: 11.793 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.003 min

Lab File: VV030931.D

Acq: 28 Apr 2023 19:22

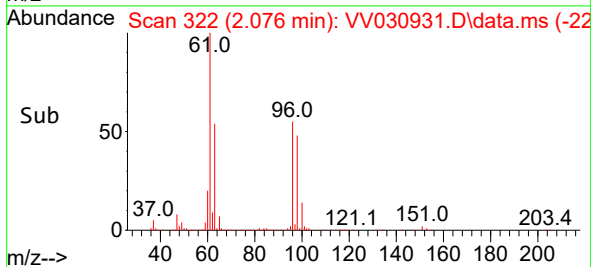
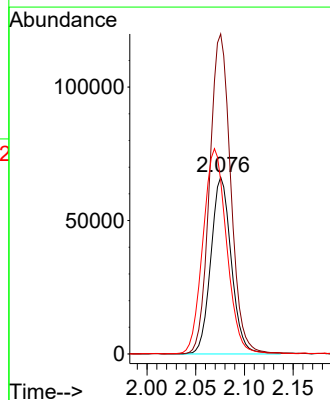
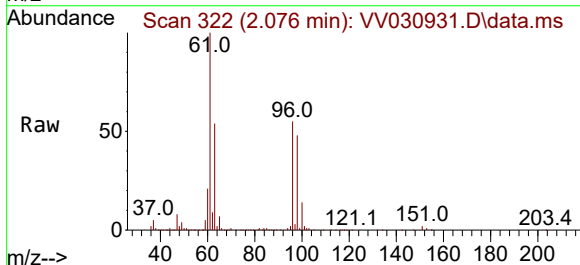
Tgt Ion: 96 Resp: 96624

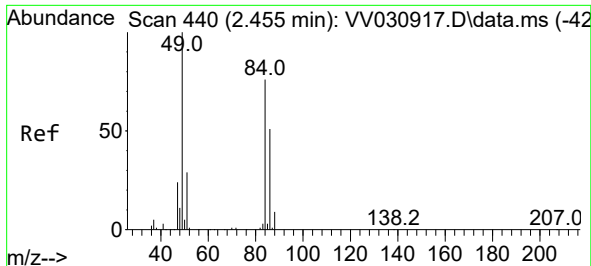
Ion Ratio Lower Upper

96 100

61 180.9 135.6 251.8

63 98.1 121.1 224.9#

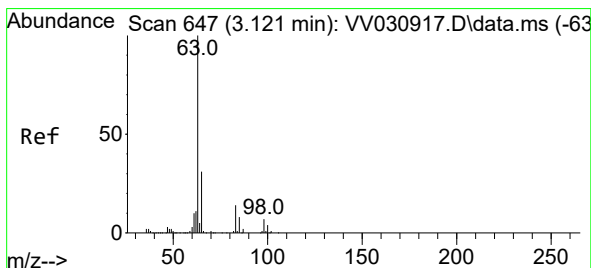
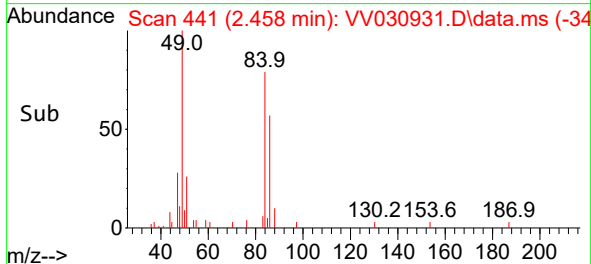
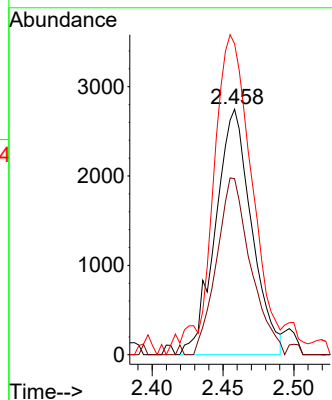
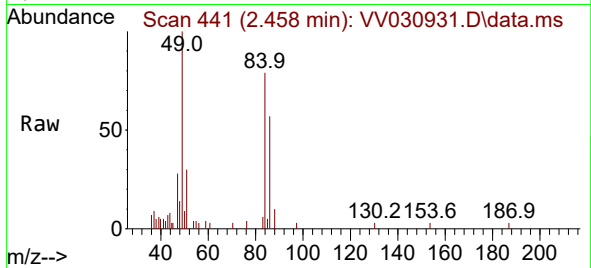




#16
Methylene chloride
Concen: 0.527 ug/L
RT: 2.458 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030931.D
Acq: 28 Apr 2023 19:22

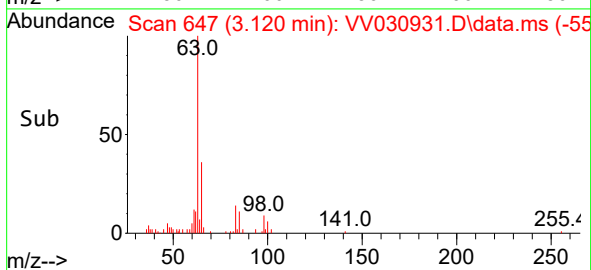
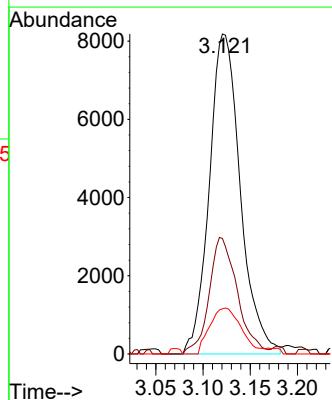
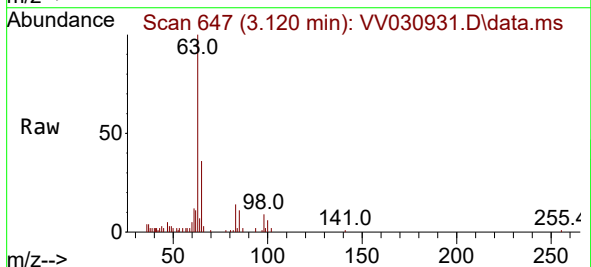
Instrument :
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ClientSampleId :
BHE75DL

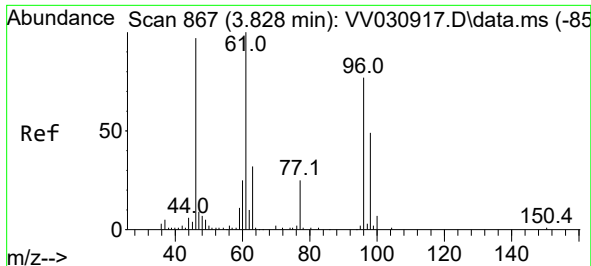
Tgt Ion: 84 Resp: 4883
Ion Ratio Lower Upper
84 100
86 71.7 46.1 85.5
49 126.7 94.3 175.1



#19
1,1-Dichloroethane
Concen: 1.293 ug/L
RT: 3.120 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030931.D
Acq: 28 Apr 2023 19:22

Tgt Ion: 63 Resp: 18685
Ion Ratio Lower Upper
63 100
65 36.1 21.8 40.6
83 14.1 10.2 19.0

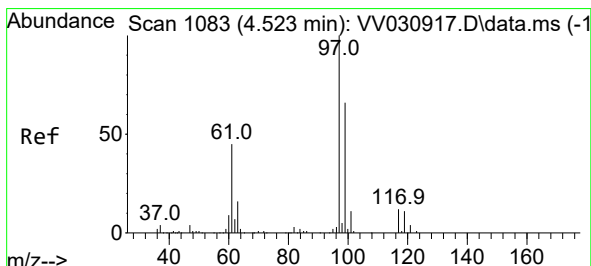
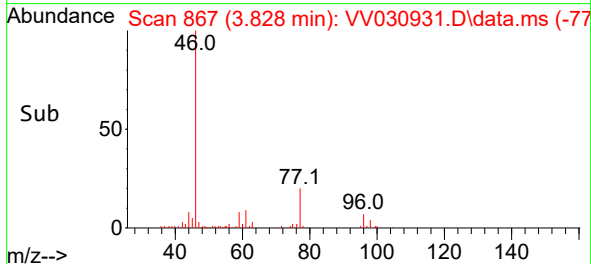
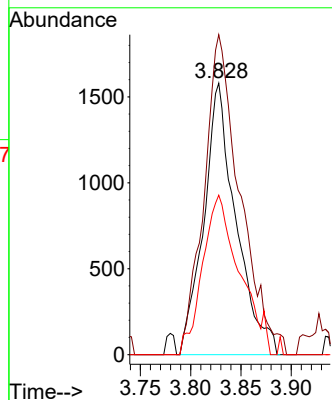
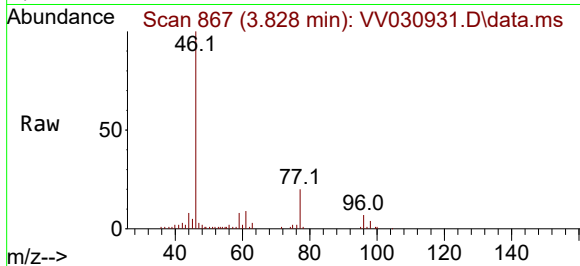




#22
 cis-1,2-Dichloroethene
 Concen: 0.445 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VV030931.D
 Acq: 28 Apr 2023 19:22

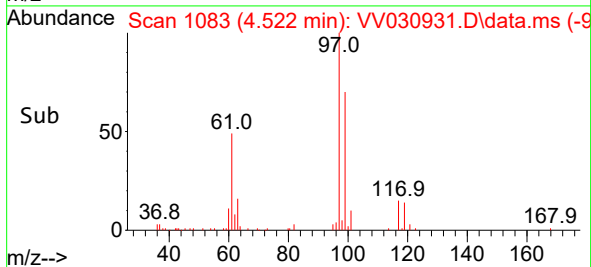
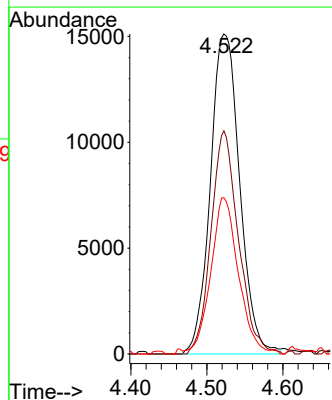
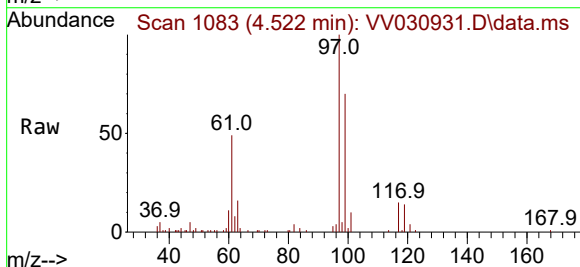
Instrument :
 MSVOA_V
 ClientSampleId :
 BHE75DL

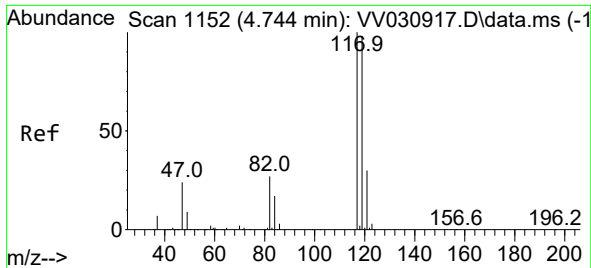
Tgt Ion: 96 Resp: 3513
 Ion Ratio Lower Upper
 96 100
 61 117.8 86.0 159.6
 98 58.7 43.2 80.2



#29
 1,1,1-Trichloroethane
 Concen: 2.700 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: VV030931.D
 Acq: 28 Apr 2023 19:22

Tgt Ion: 97 Resp: 40584
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.4 77.2
 61 43.2 37.4 56.0

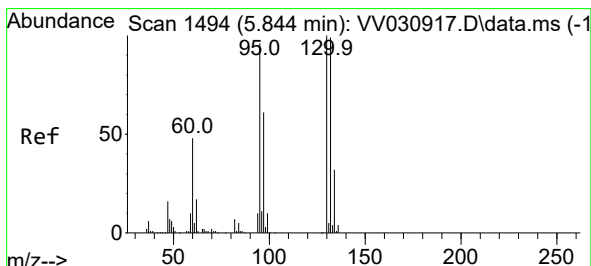
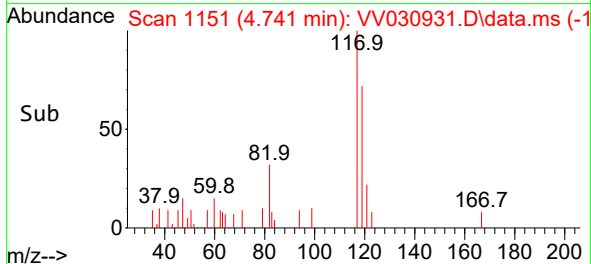
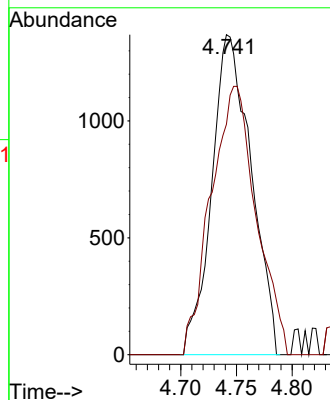
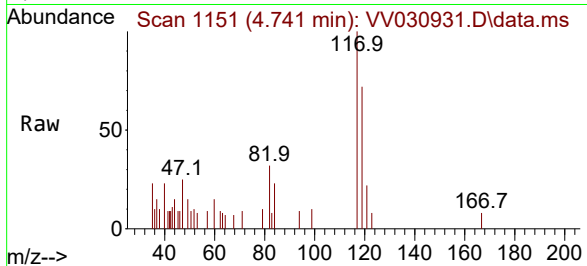




#31
Carbon tetrachloride
Concen: 0.249 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV030931.D
Acq: 28 Apr 2023 19:22

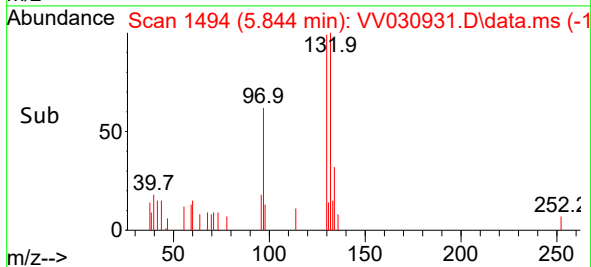
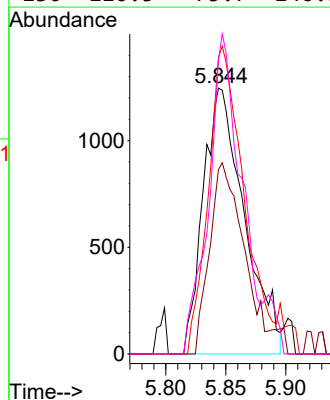
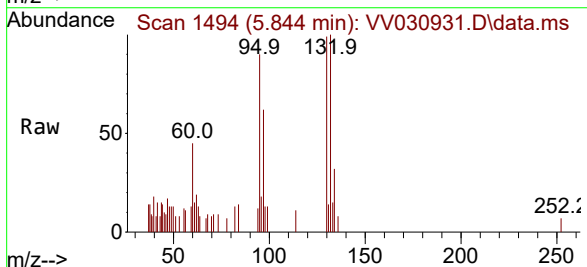
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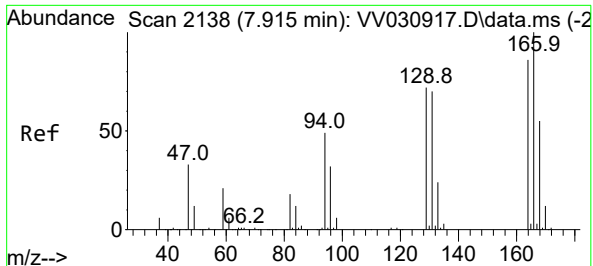
Tgt Ion:117 Resp: 3368
Ion Ratio Lower Upper
117 100
119 96.1 78.4 117.6



#34
Trichloroethene
Concen: 0.370 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VV030931.D
Acq: 28 Apr 2023 19:22

Tgt Ion: 95 Resp: 2965
Ion Ratio Lower Upper
95 100
97 69.3 46.2 85.8
132 111.6 72.7 135.1
130 110.5 75.7 140.5





#47
Tetrachloroethene
Concen: 8.407 ug/L
RT: 7.911 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030931.D
Acq: 28 Apr 2023 19:22

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 64320
Ion Ratio Lower Upper
164 100
129 83.6 60.5 112.3
131 82.4 60.8 112.8
166 125.7 85.9 159.5

