

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030433.D
 Acq On : 07 Apr 2023 11:16
 Operator : SY/MD
 Sample : 02194-11DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW8DL

Quant Time: Apr 10 03:54:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

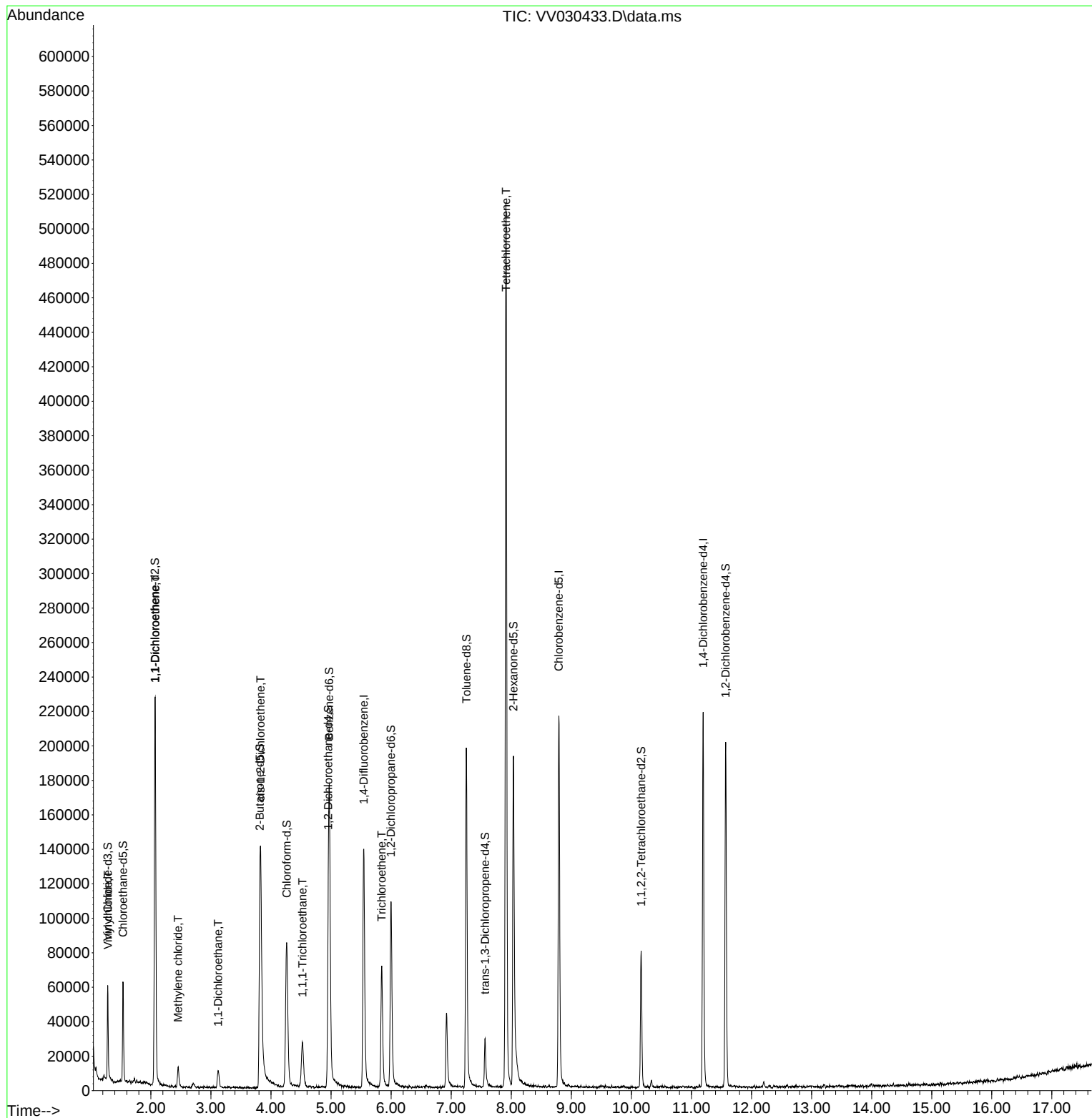
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	119736	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	116660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33534	4.229	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.600%	
7) Chloroethane-d5	1.535	69	35313	4.589	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.066	63	85686	4.553	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.000%	
20) 2-Butanone-d5	3.815	46	91432	44.607	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.220%	
24) Chloroform-d	4.262	84	88937	4.634	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	4.953	65	45115	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	4.969	84	157768	4.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	5.998	67	48583	4.720	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.252	98	135729	4.496	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.564	79	16013	4.132	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.037	63	67837	43.566	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.140%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34843	4.295	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	53200	5.146	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	2513	0.179	ug/L	# 69
12) 1,1-Dichloroethene	2.076	96	42507	4.249	ug/L	94
16) Methylene chloride	2.455	84	4686	0.396	ug/L	98
19) 1,1-Dichloroethane	3.121	63	9534	0.467	ug/L	92
22) cis-1,2-Dichloroethene	3.825	96	57197	5.407	ug/L	98
29) 1,1,1-Trichloroethane	4.522	97	20258	1.080	ug/L	95
34) Trichloroethene	5.844	95	23654	2.117	ug/L	96
47) Tetrachloroethene	7.911	164	115026	11.663	ug/L	98

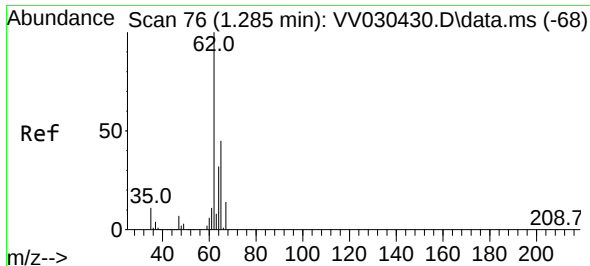
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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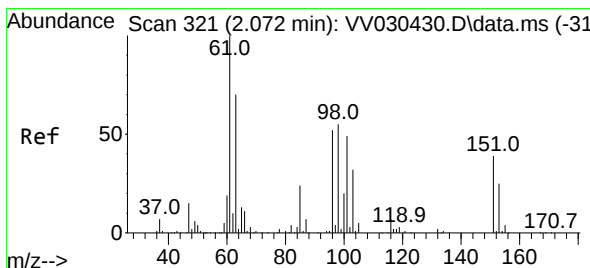
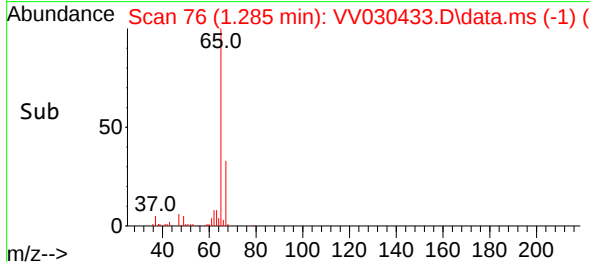
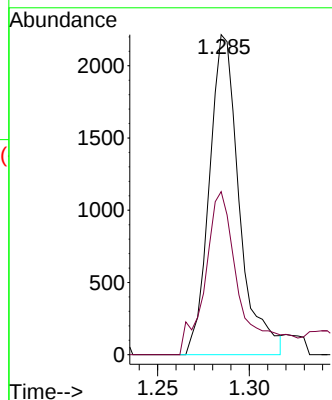
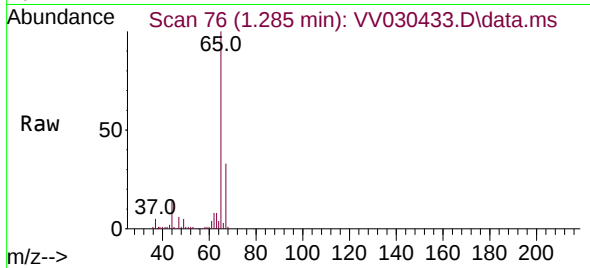




#5
 Vinyl chloride
 Concen: 0.179 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030433.D
 Acq: 07 Apr 2023 11:16

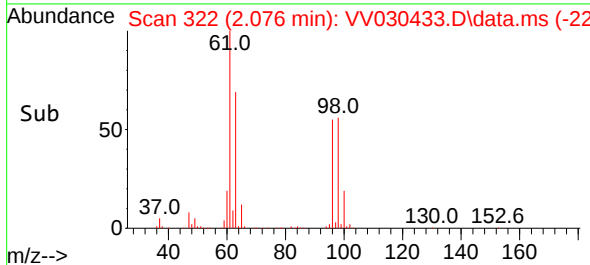
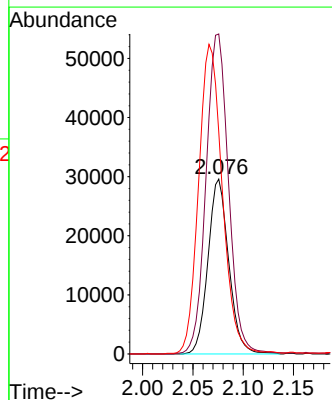
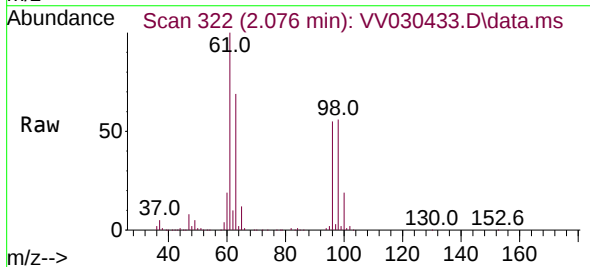
Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW8DL

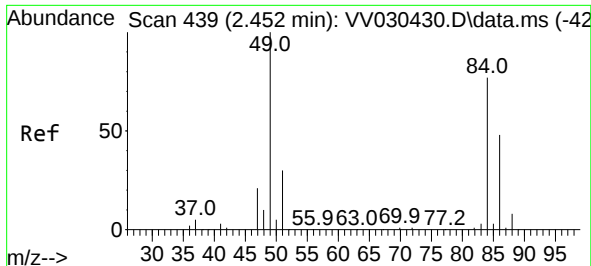
Tgt Ion: 62 Resp: 2513
 Ion Ratio Lower Upper
 62 100
 64 51.0 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 4.249 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030433.D
 Acq: 07 Apr 2023 11:16

Tgt Ion: 96 Resp: 42507
 Ion Ratio Lower Upper
 96 100
 61 182.9 136.3 253.1
 63 126.9 92.1 171.1

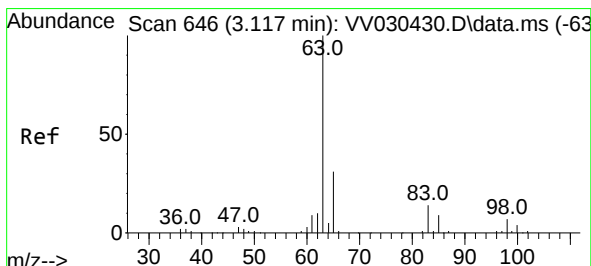
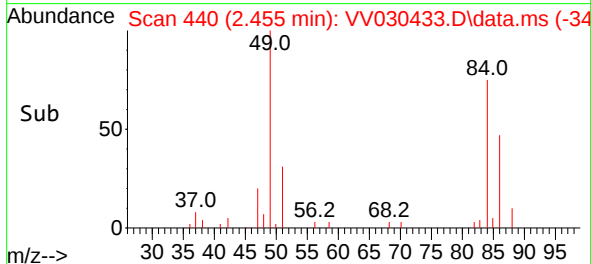
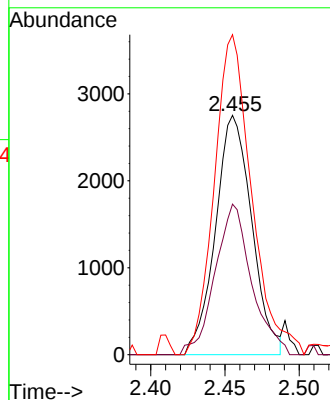
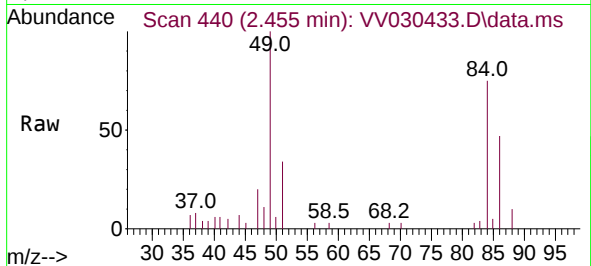




#16
Methylene chloride
Concen: 0.396 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030433.D
Acq: 07 Apr 2023 11:16

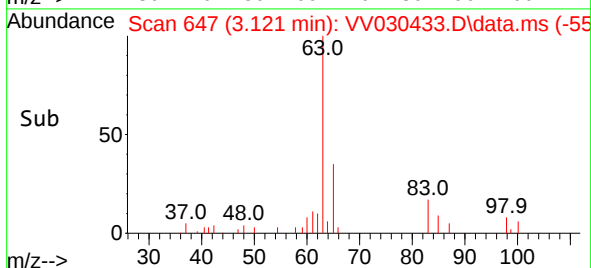
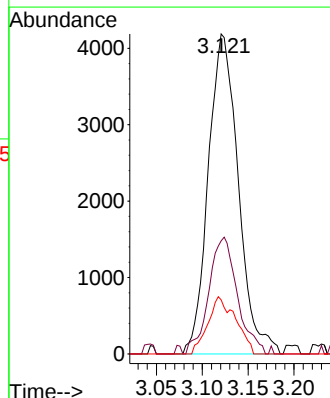
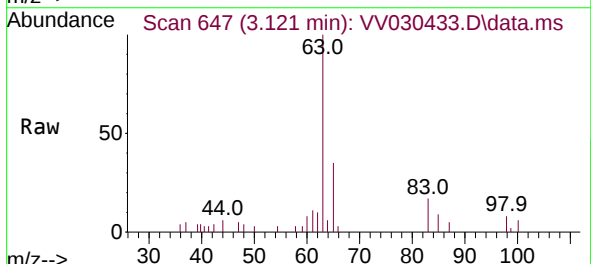
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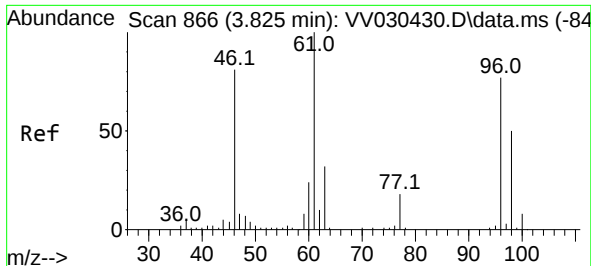
Tgt Ion: 84 Resp: 4686
Ion Ratio Lower Upper
84 100
86 62.9 44.0 81.6
49 133.7 90.6 168.3



#19
1,1-Dichloroethane
Concen: 0.467 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030433.D
Acq: 07 Apr 2023 11:16

Tgt Ion: 63 Resp: 9534
Ion Ratio Lower Upper
63 100
65 35.4 21.7 40.3
83 16.9 9.1 16.9

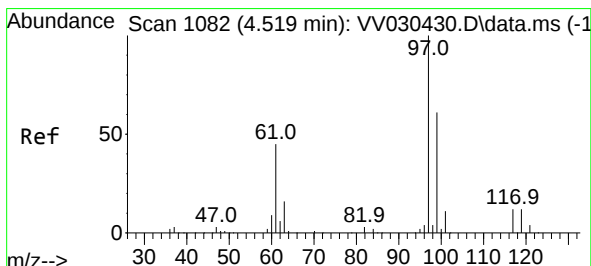
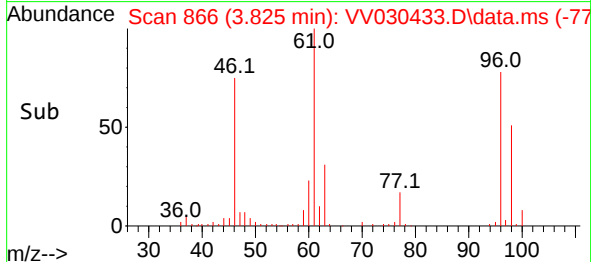
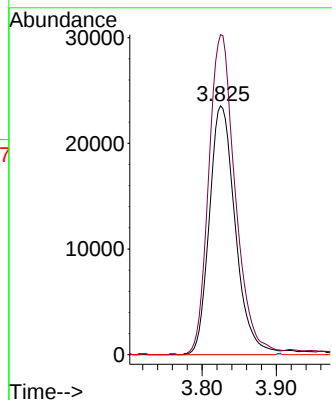
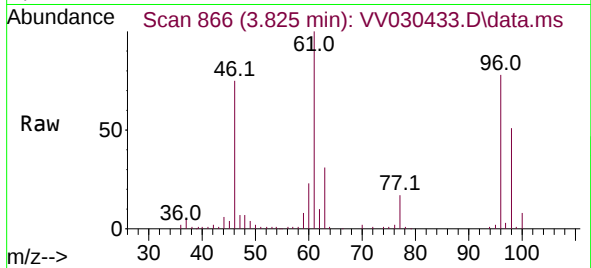




#22
 cis-1,2-Dichloroethene
 Concen: 5.407 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV030433.D
 Acq: 07 Apr 2023 11:16

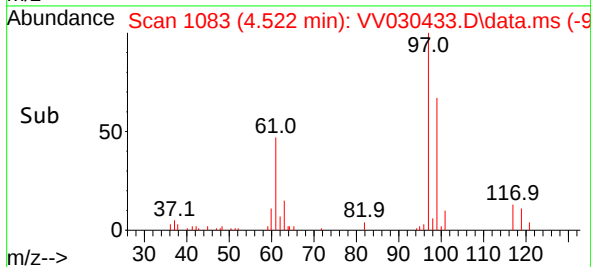
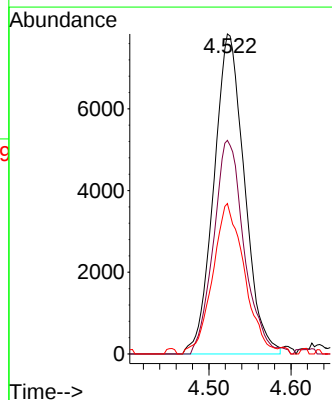
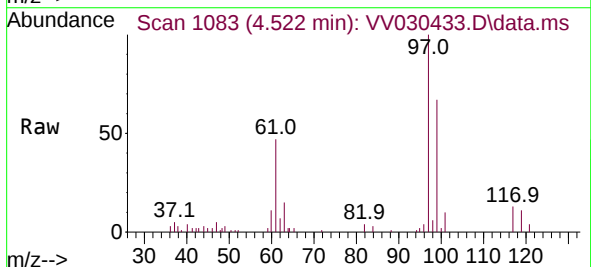
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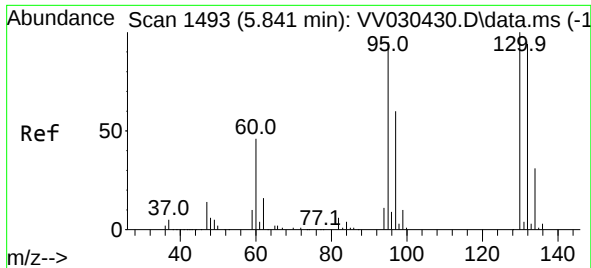
Tgt Ion: 96 Resp: 57197
 Ion Ratio Lower Upper
 96 100
 61 128.6 92.0 170.8
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 1.080 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030433.D
 Acq: 07 Apr 2023 11:16

Tgt Ion: 97 Resp: 20258
 Ion Ratio Lower Upper
 97 100
 99 66.9 50.9 76.3
 61 48.9 35.9 53.9



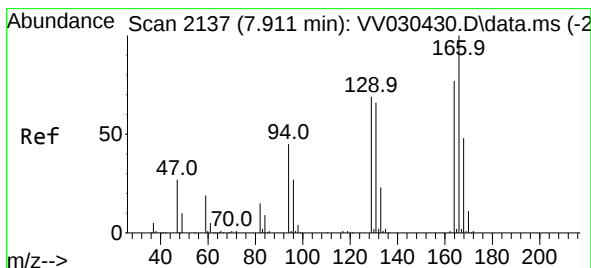
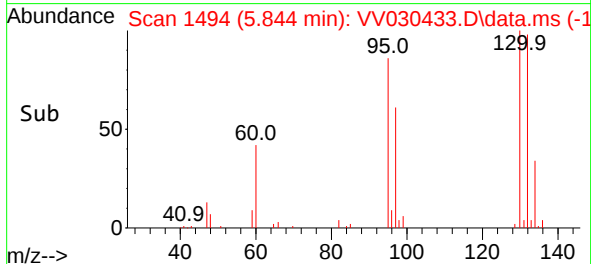
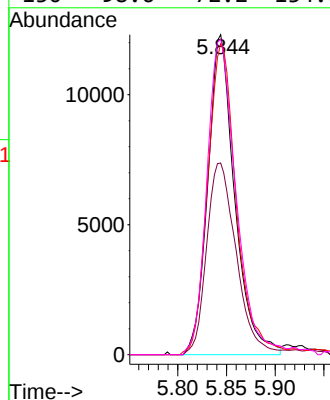
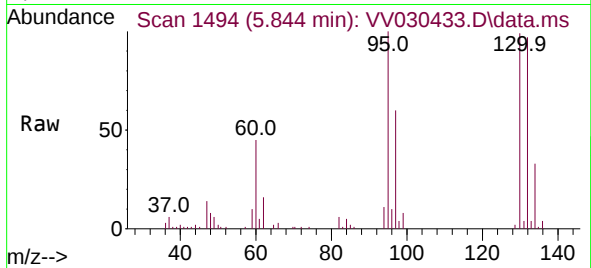


#34
Trichloroethene
Concen: 2.117 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030433.D
Acq: 07 Apr 2023 11:16

Instrument :
MSVOA_V
ClientSampleId :
BHDW8DL

Tgt Ion: 95 Resp: 23654

Ion	Ratio	Lower	Upper
95	100		
97	59.9	44.2	82.2
132	97.1	69.5	129.1
130	98.6	72.2	134.0



#47
Tetrachloroethene
Concen: 11.663 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030433.D
Acq: 07 Apr 2023 11:16

Tgt Ion: 164 Resp: 115026

Ion	Ratio	Lower	Upper
164	100		
129	89.4	60.8	112.8
131	87.9	61.7	114.7
166	126.0	85.6	159.0

