

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033247.D
 Acq On : 12 Dec 2023 04:53
 Operator : SY/MD
 Sample : 05751-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF8

Quant Time: Dec 12 06:55:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

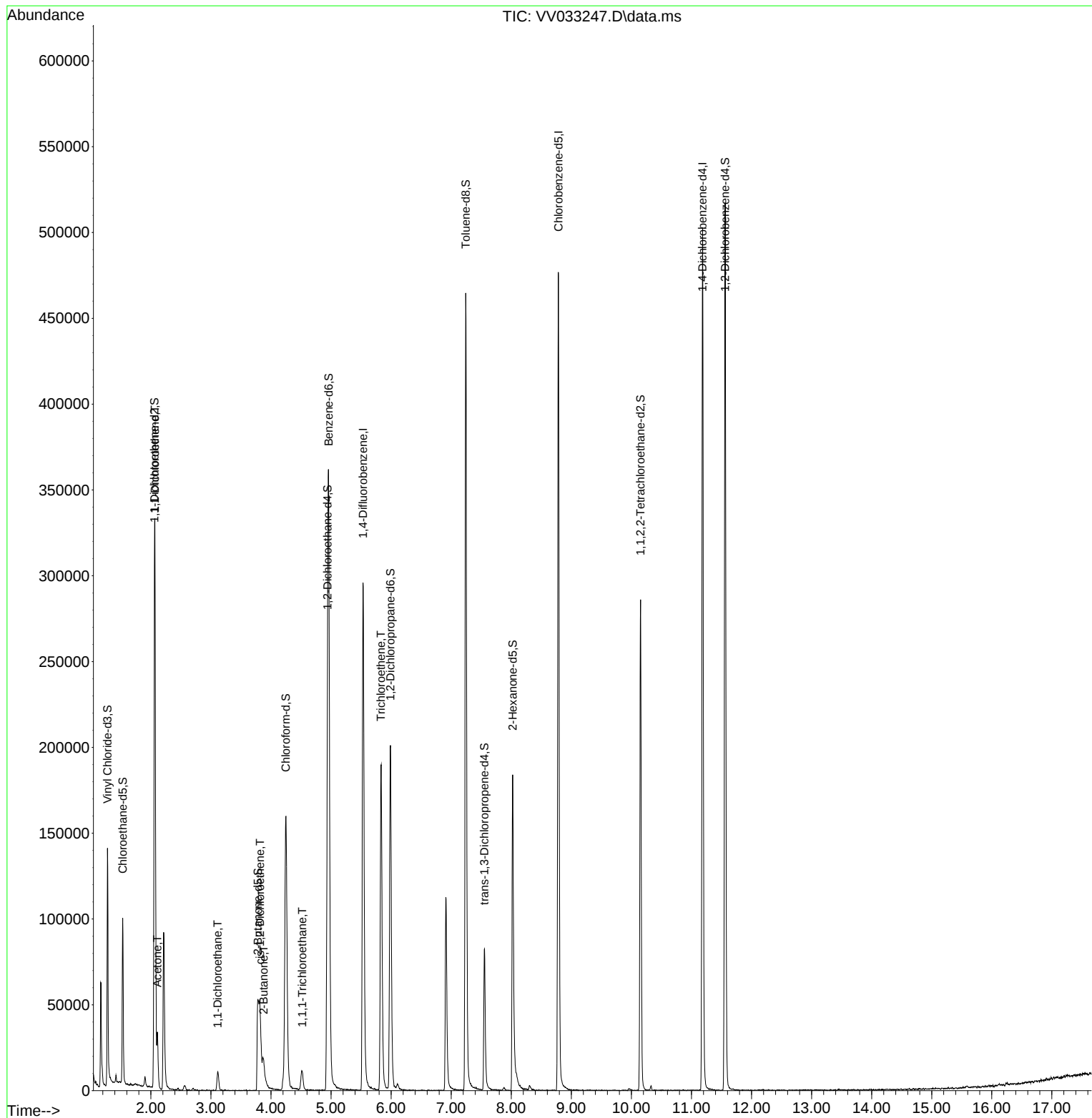
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	276305	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	275698	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84001	50.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.720%
7) Chloroethane-d5	1.532	69	61064	53.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.120%
11) 1,1-Dichloroethene-d2	2.059	65	33577	53.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.880%
21) 2-Butanone-d5	3.780	46	80474	98.092	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.090%
24) Chloroform-d	4.246	84	175248	49.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
26) 1,2-Dichloroethane-d4	4.940	65	114202	52.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.800%
32) Benzene-d6	4.960	84	335369	52.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.020%
36) 1,2-Dichloropropane-d6	5.989	67	89586	51.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.340%
41) Toluene-d8	7.243	98	317958	51.692	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
43) trans-1,3-Dichloroprop...	7.551	79	49537	45.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.380%
47) 2-Hexanone-d5	8.024	63	62269	89.404	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	122135	49.557	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	143607	56.247	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.500%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	59654	43.064	ug/L	87
13) Acetone	2.108	43	29935	38.222	ug/L	98
19) 1,1-Dichloroethane	3.111	63	11083	3.682	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	22322	11.567	ug/L	97
22) 2-Butanone	3.876	43	27062	27.152	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	10402	3.053	ug/L #	75
34) Trichloroethene	5.831	95	66332	31.780	ug/L	97

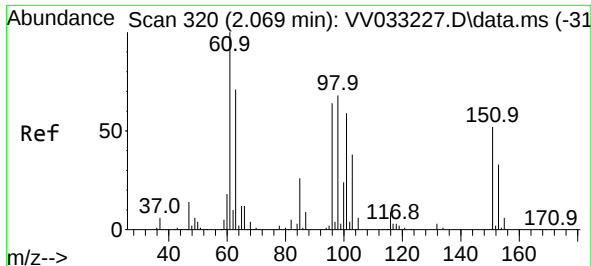
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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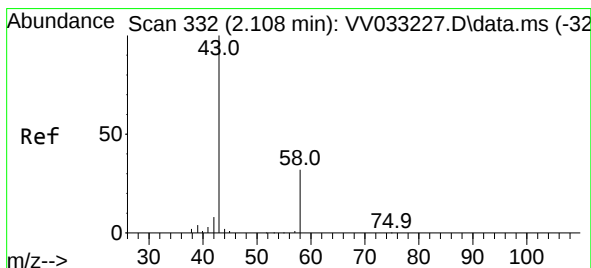
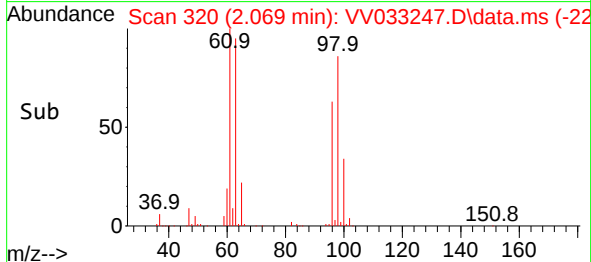
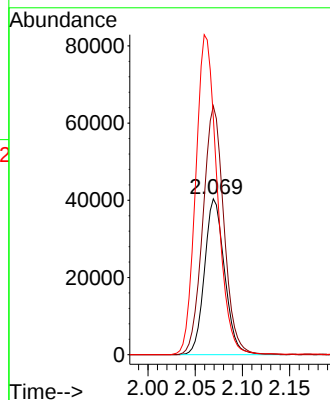
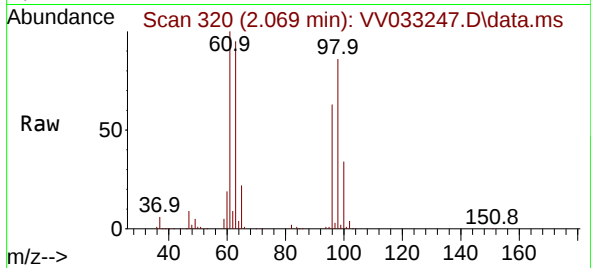


#12
 1,1-Dichloroethene
 Concen: 43.064 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033247.D
 Acq: 12 Dec 2023 04:53

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF8

Tgt Ion: 96 Resp: 59654

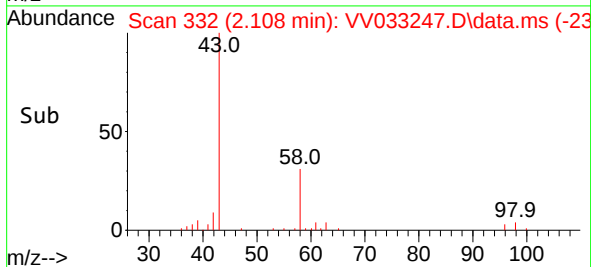
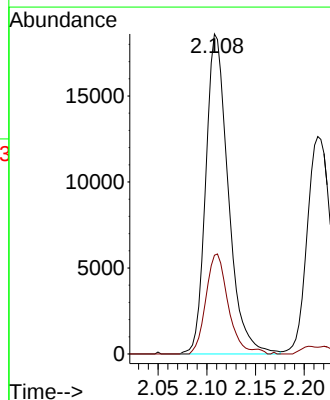
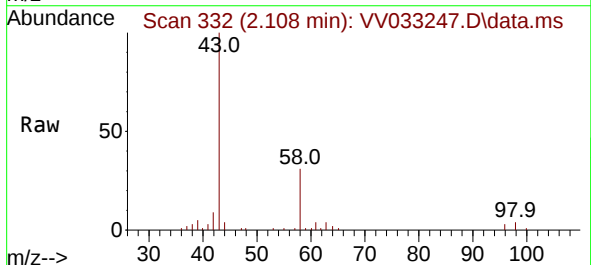
Ion	Ratio	Lower	Upper
96	100		
61	159.5	109.1	202.7
63	152.3	85.3	158.3

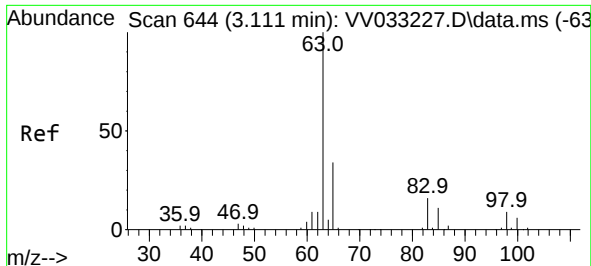


#13
 Acetone
 Concen: 38.222 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VV033247.D
 Acq: 12 Dec 2023 04:53

Tgt Ion: 43 Resp: 29935

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	62.8

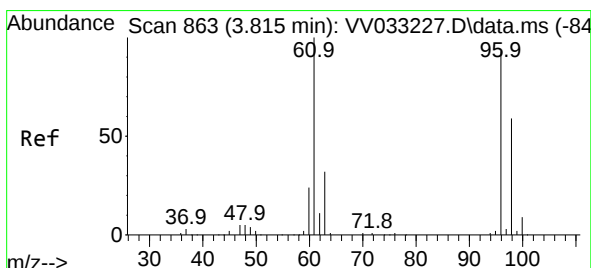
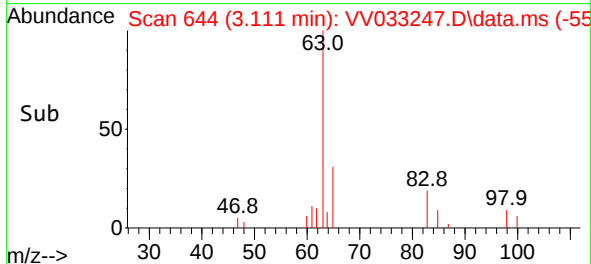
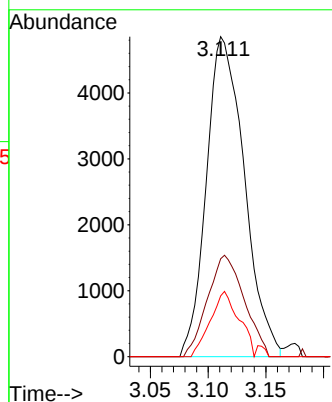
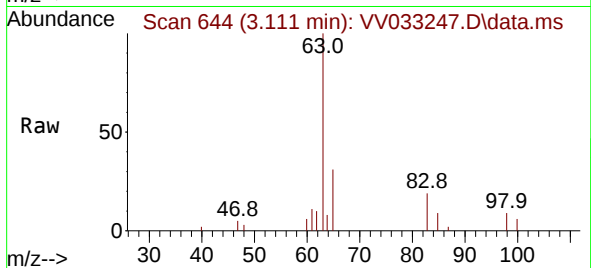




#19
1,1-Dichloroethane
Concen: 3.682 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

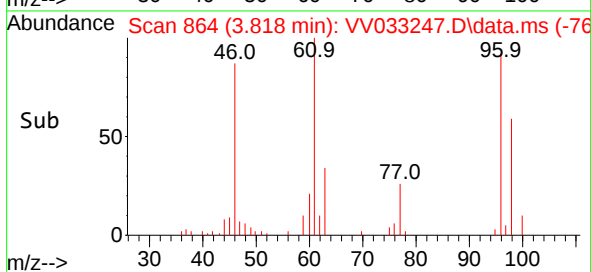
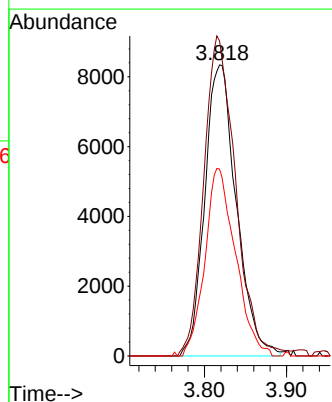
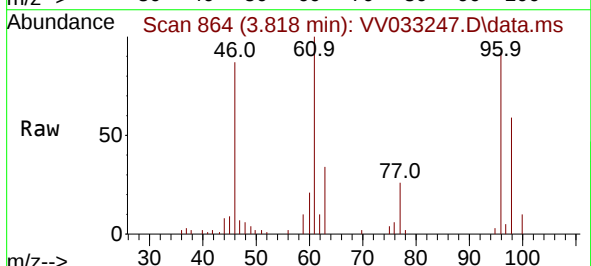
Instrument :
MSVOA_V
ClientSampleId :
YCHF8

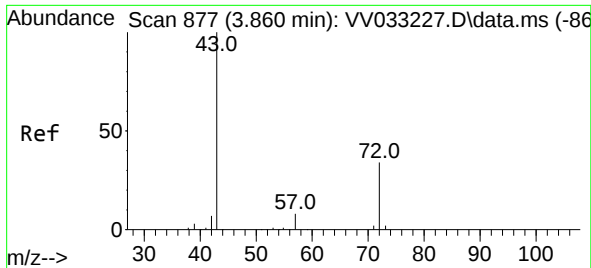
Tgt Ion:	63	Resp:	11083
Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.0	42.6
83	19.0	11.4	21.2



#20
cis-1,2-Dichloroethene
Concen: 11.567 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

Tgt Ion:	96	Resp:	22322
Ion	Ratio	Lower	Upper
96	100		
61	108.2	79.1	146.9
98	64.2	45.1	83.7

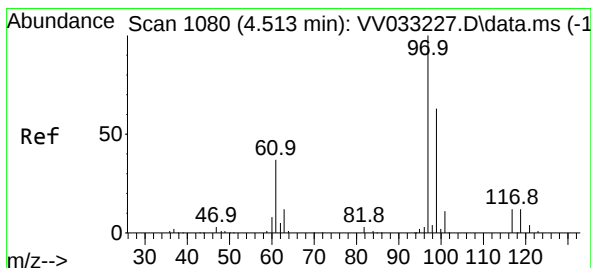
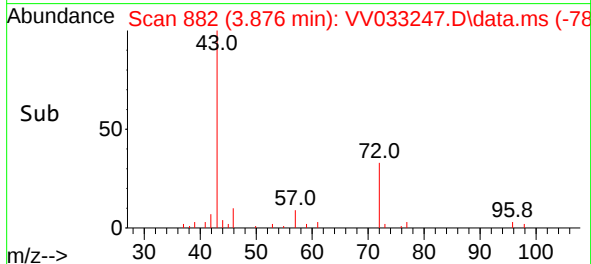
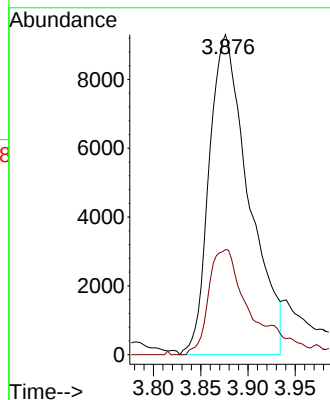
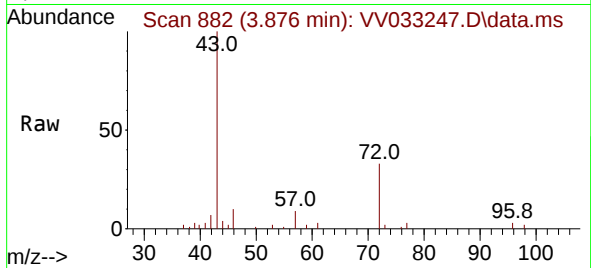




#22
2-Butanone
Concen: 27.152 ug/L
RT: 3.876 min Scan# 81
Delta R.T. 0.019 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

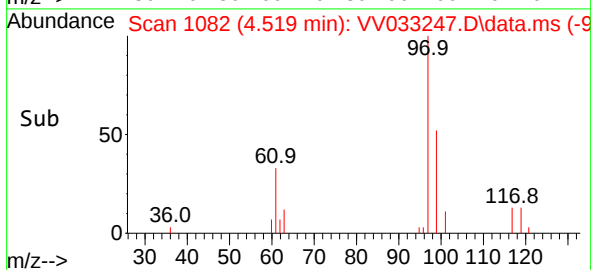
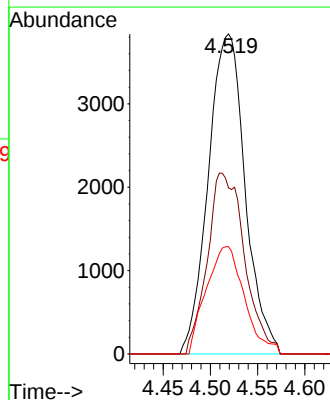
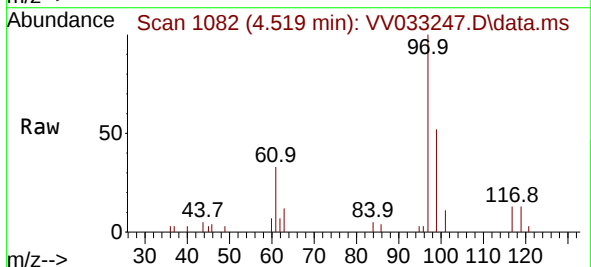
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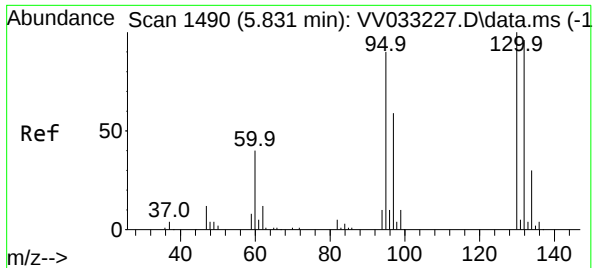
Tgt Ion: 43 Resp: 27062
Ion Ratio Lower Upper
43 100
72 29.5 14.6 43.8



#30
1,1,1-Trichloroethane
Concen: 3.053 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.010 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

Tgt Ion: 97 Resp: 10402
Ion Ratio Lower Upper
97 100
99 36.5 51.3 76.9#
61 34.7 31.8 47.8





#34
 Trichloroethene
 Concen: 31.780 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. -0.000 min
 Lab File: VV033247.D
 Acq: 12 Dec 2023 04:53

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF8

Tgt Ion: 95 Resp: 66332

Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.8	85.0
132	104.8	77.4	143.8
130	109.0	76.9	142.7

