

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034630.D
 Acq On : 15 Mar 2024 02:36
 Operator : SY/MD
 Sample : P1751-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL04

Quant Time: Mar 15 06:57:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

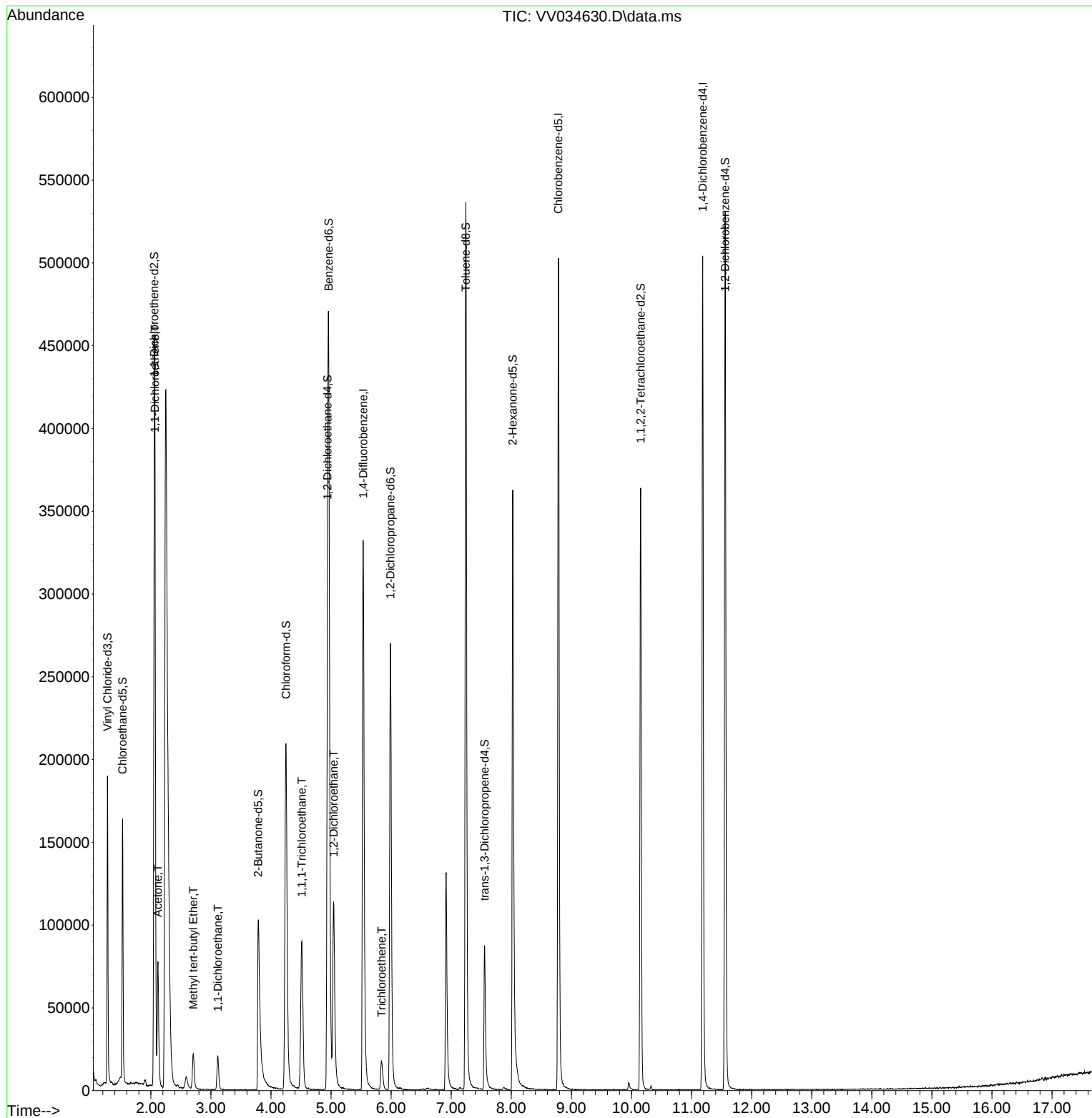
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	285963	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	268550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	127079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112755	45.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.960%
7) Chloroethane-d5	1.529	69	96290	49.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.720%
11) 1,1-Dichloroethene-d2	2.056	65	52787	47.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
21) 2-Butanone-d5	3.786	46	177870	107.293	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.290%
24) Chloroform-d	4.249	84	215581	49.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	4.940	65	143649	50.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.300%
32) Benzene-d6	4.960	84	407694	50.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.989	67	128902	52.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.220%
41) Toluene-d8	7.243	98	353027	48.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
43) trans-1,3-Dichloroprop...	7.555	79	51477	41.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
47) 2-Hexanone-d5	8.024	63	124323	100.655	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	171896	52.809	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.620%
66) 1,2-Dichlorobenzene-d4	11.561	152	132913	51.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	63218	29.523	ug/L	# 79
13) Acetone	2.117	43	80221	40.252	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	21268	2.858	ug/L	97
19) 1,1-Dichloroethane	3.114	63	20947	5.159	ug/L	99
27) 1,2-Dichloroethane	5.043	62	110354	32.277	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	74534	19.355	ug/L	99
34) Trichloroethene	5.841	95	5284	2.230	ug/L	95

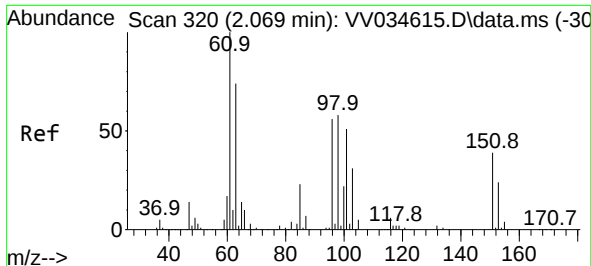
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:40:01 2024
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#12

1,1-Dichloroethene

Concen: 29.523 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034630.D

Acq: 15 Mar 2024 02:36

Instrument :

MSVOA_V

ClientSampleId :

YCL04

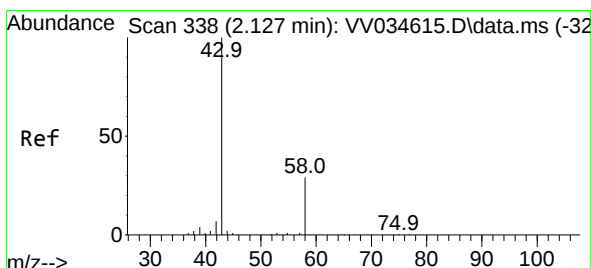
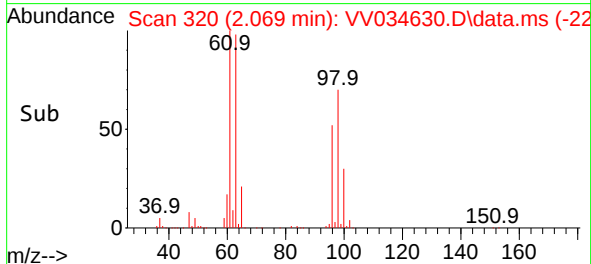
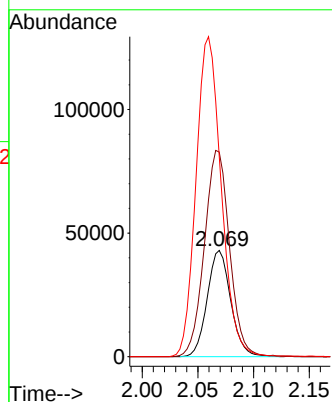
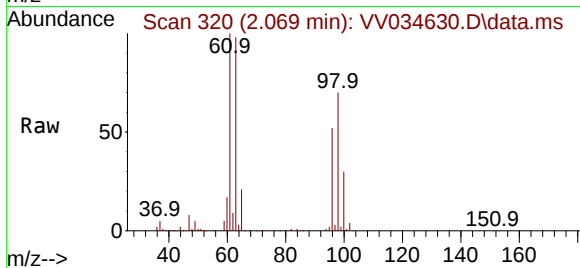
Tgt Ion: 96 Resp: 63218

Ion Ratio Lower Upper

96 100

61 192.8 128.9 239.3

63 188.7 98.0 182.0#



#13

Acetone

Concen: 40.252 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.010 min

Lab File: VV034630.D

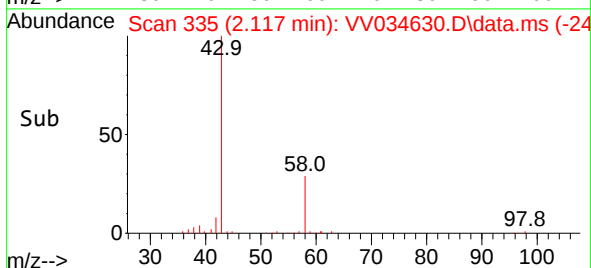
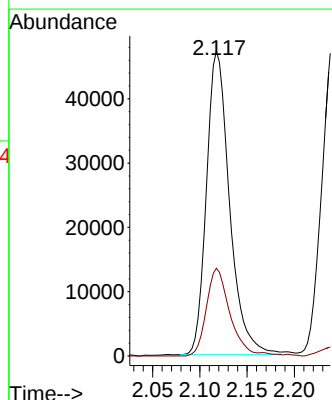
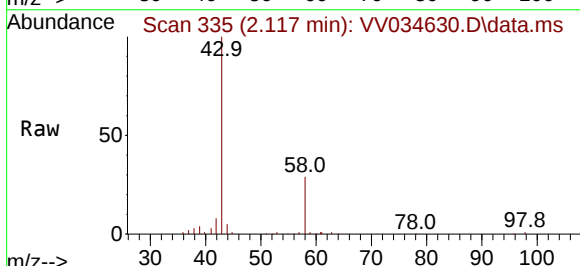
Acq: 15 Mar 2024 02:36

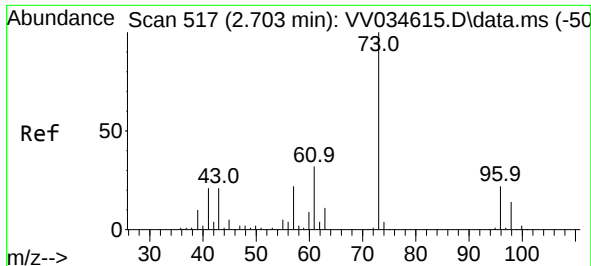
Tgt Ion: 43 Resp: 80221

Ion Ratio Lower Upper

43 100

58 28.9 0.0 57.2

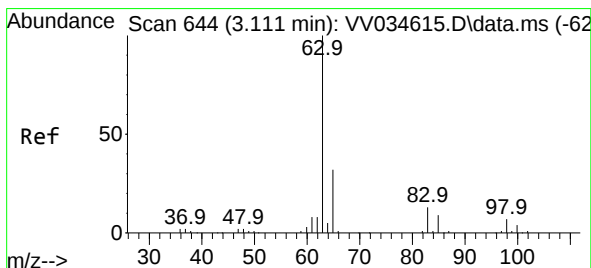
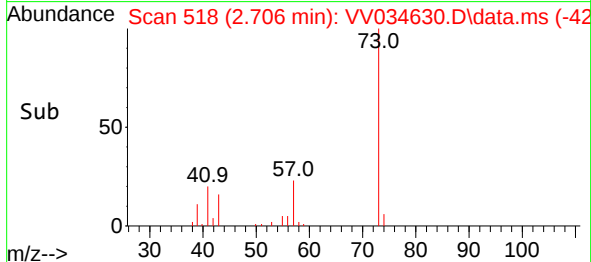
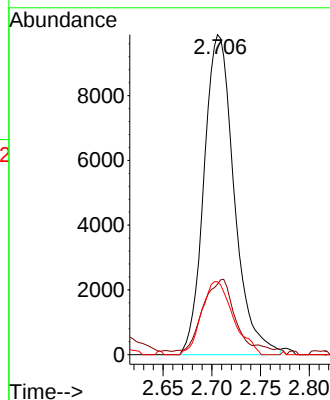
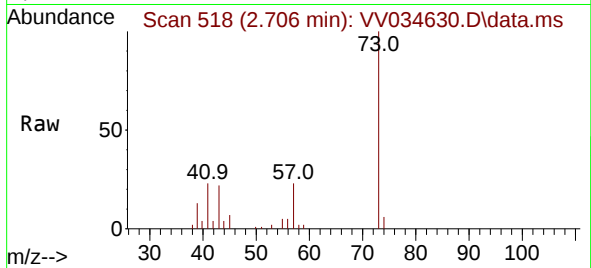




#18
Methyl tert-butyl Ether
Concen: 2.858 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034630.D
Acq: 15 Mar 2024 02:36

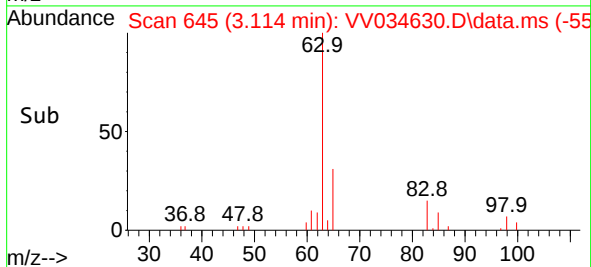
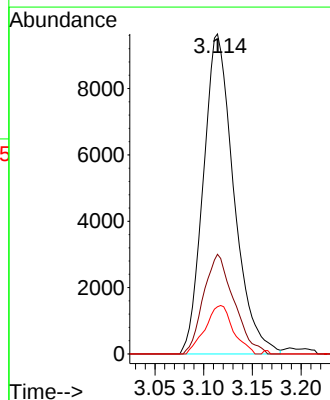
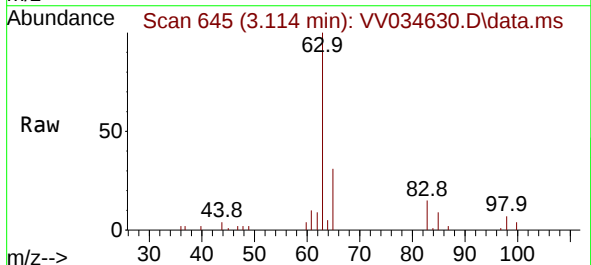
Instrument :
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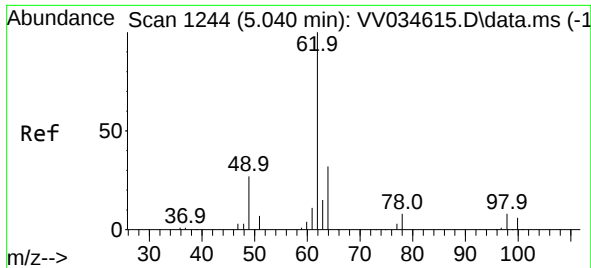
Tgt Ion: 73	Resp: 21268
Ion Ratio	Lower Upper
73 100	
43 22.0	17.1 25.7
57 23.9	17.6 26.4



#19
1,1-Dichloroethane
Concen: 5.159 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034630.D
Acq: 15 Mar 2024 02:36

Tgt Ion: 63	Resp: 20947
Ion Ratio	Lower Upper
63 100	
65 31.2	22.1 41.1
83 14.7	9.9 18.3

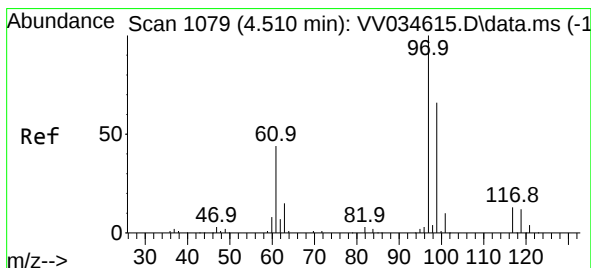
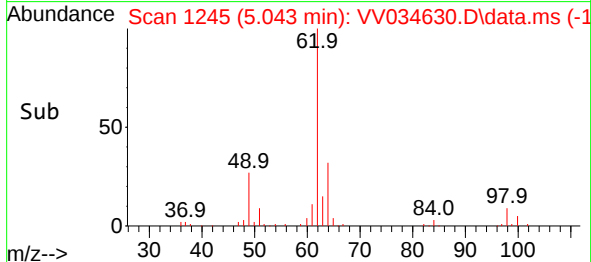
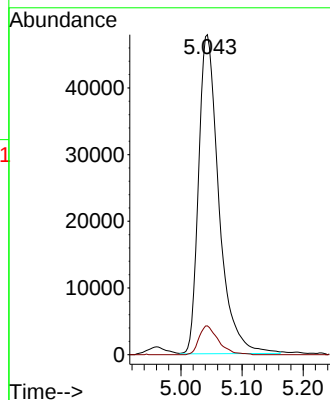
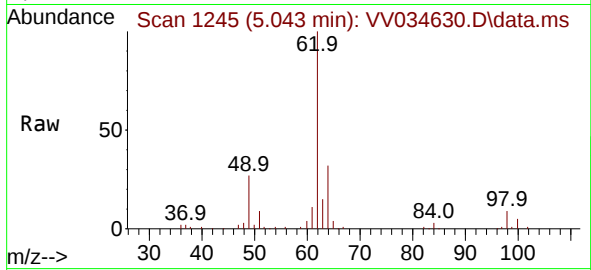




#27
1,2-Dichloroethane
Concen: 32.277 ug/L
RT: 5.043 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034630.D
Acq: 15 Mar 2024 02:36

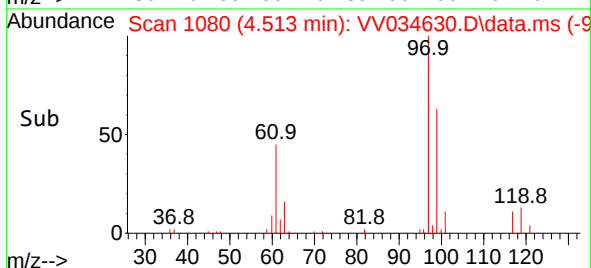
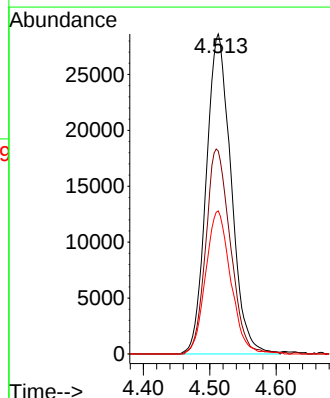
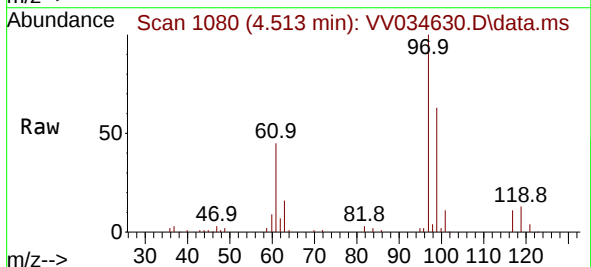
Instrument :
MSVOA_V
ClientSampleId :
YCL04

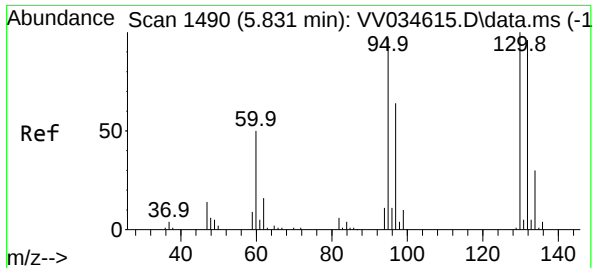
Tgt Ion: 62 Resp: 110354
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0



#30
1,1,1-Trichloroethane
Concen: 19.355 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV034630.D
Acq: 15 Mar 2024 02:36

Tgt Ion: 97 Resp: 74534
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 44.8 36.0 54.0





#34
 Trichloroethene
 Concen: 2.230 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.010 min
 Lab File: VV034630.D
 Acq: 15 Mar 2024 02:36

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL04

Tgt Ion: 95	Resp:	5284	
Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.7	83.1
132	97.1	65.3	121.3
130	92.6	69.1	128.3

