

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034647.D
 Acq On : 15 Mar 2024 12:43
 Operator : SY/MD
 Sample : P1752-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL39

Quant Time: Mar 15 23:33:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

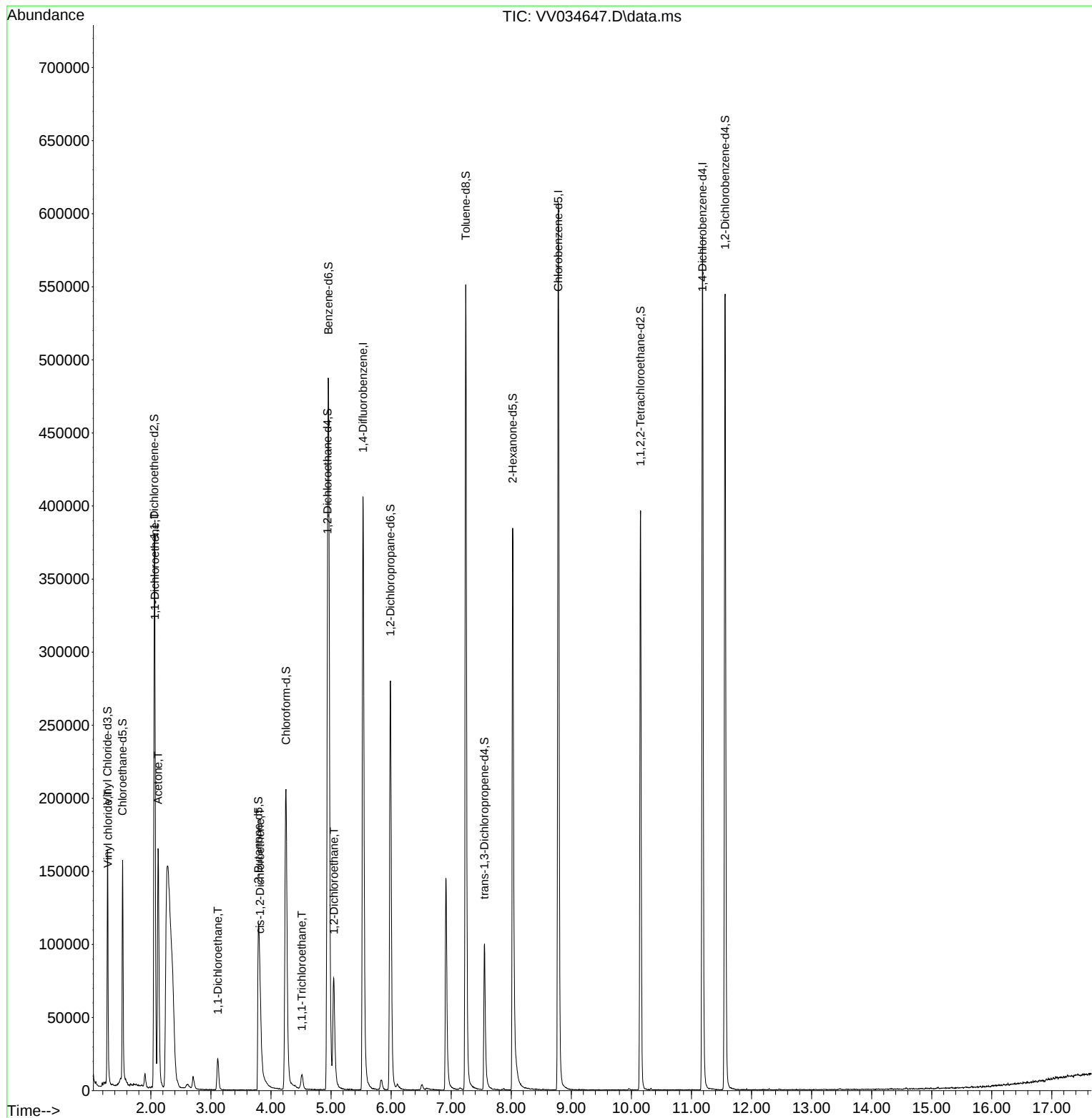
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343922	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	326030	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	147351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	98642	33.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.180%
7) Chloroethane-d5	1.529	69	89595	38.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.140%
11) 1,1-Dichloroethene-d2	2.056	65	47247	35.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.080%
21) 2-Butanone-d5	3.789	46	185448	93.012	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.010%
24) Chloroform-d	4.249	84	220929	41.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.820%
26) 1,2-Dichloroethane-d4	4.940	65	153158	44.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.920%
32) Benzene-d6	4.957	84	422164	42.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.989	67	134829	44.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	7.243	98	363540	40.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.660%
43) trans-1,3-Dichloroprop...	7.555	79	62120	41.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.380%
47) 2-Hexanone-d5	8.024	63	135318	90.242	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	184234	46.621	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.240%
66) 1,2-Dichlorobenzene-d4	11.561	152	138877	46.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	5771	1.677	ug/L #	72
12) 1,1-Dichloroethene	2.069	96	44987	17.469	ug/L #	65
13) Acetone	2.121	43	193572	80.760	ug/L	98
19) 1,1-Dichloroethane	3.114	63	22928	4.696	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	17119	6.330	ug/L	95
27) 1,2-Dichloroethane	5.047	62	72296	17.582	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	7961	1.703	ug/L	94

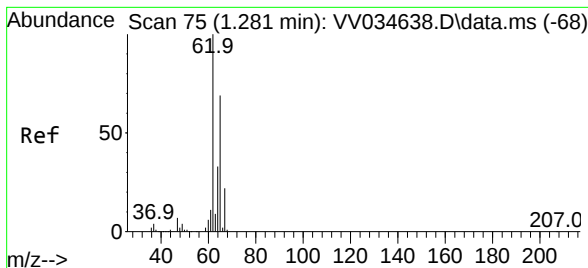
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.677 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.003 min

Lab File: VV034647.D

Acq: 15 Mar 2024 12:43

Instrument :

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ClientSampleId :

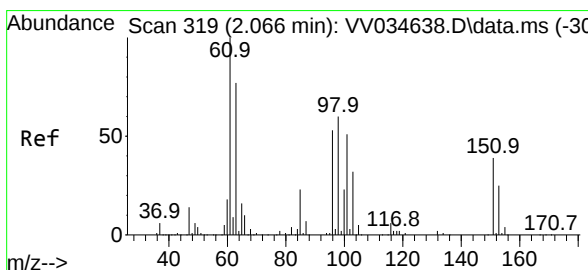
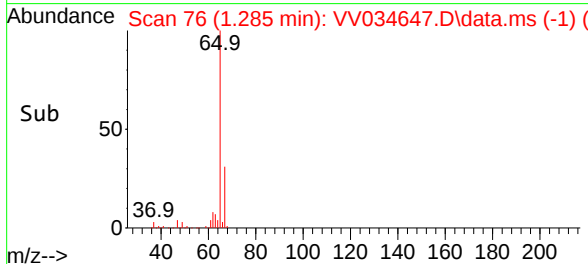
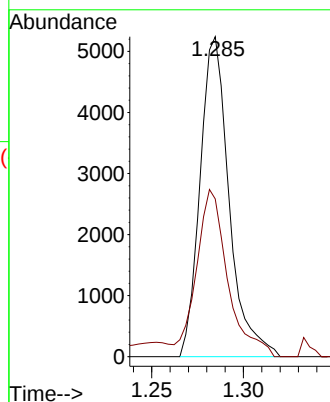
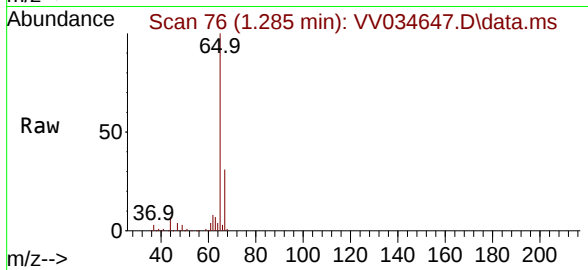
YCL39

Tgt Ion: 62 Resp: 5771

Ion Ratio Lower Upper

62 100

64 49.3 23.4 43.6#



#12

1,1-Dichloroethene

Concen: 17.469 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV034647.D

Acq: 15 Mar 2024 12:43

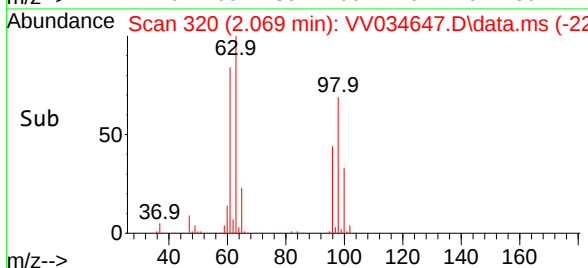
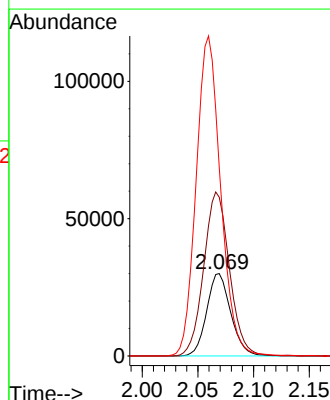
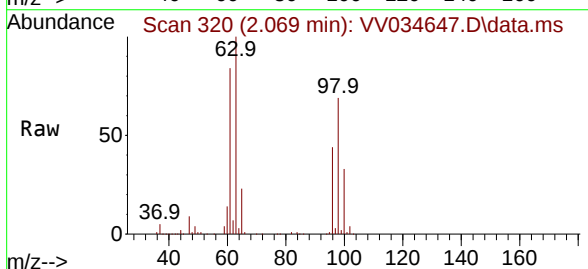
Tgt Ion: 96 Resp: 44987

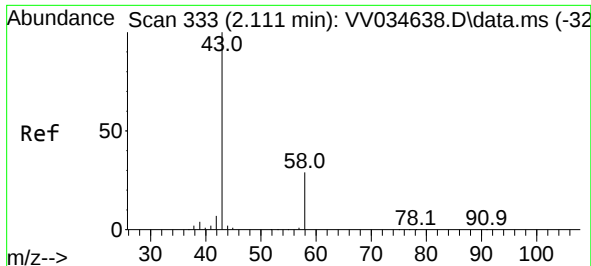
Ion Ratio Lower Upper

96 100

61 192.6 128.9 239.3

63 228.9 98.0 182.0#





#13

Acetone

Concen: 80.760 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV034647.D

Acq: 15 Mar 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

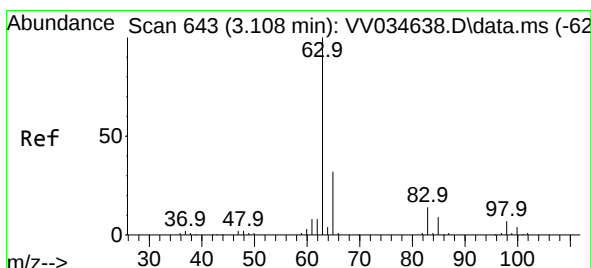
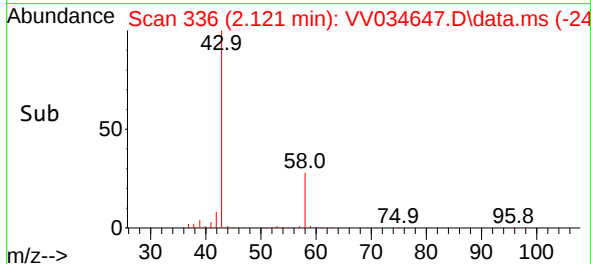
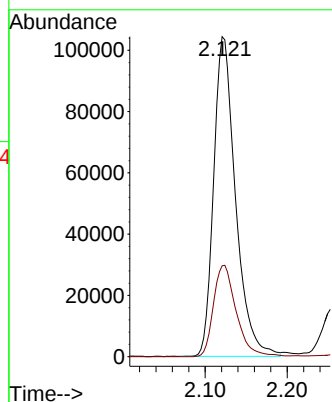
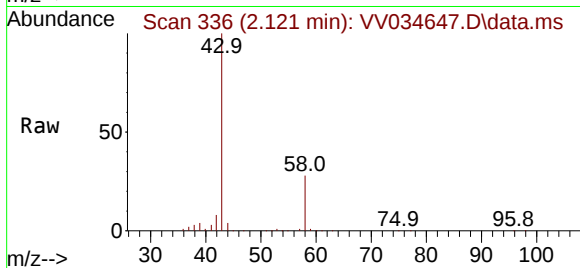
YCL39

Tgt Ion: 43 Resp: 193572

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.2



#19

1,1-Dichloroethane

Concen: 4.696 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.006 min

Lab File: VV034647.D

Acq: 15 Mar 2024 12:43

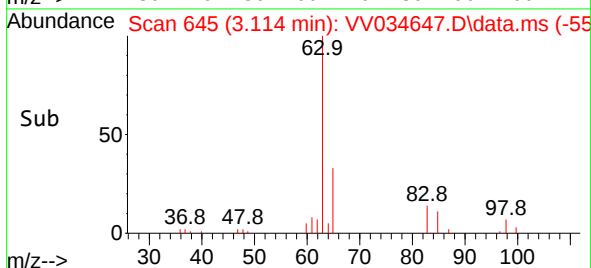
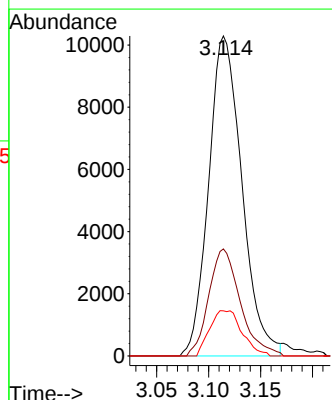
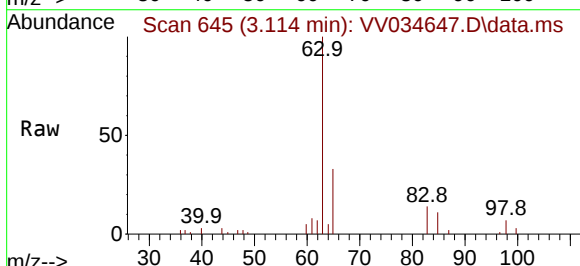
Tgt Ion: 63 Resp: 22928

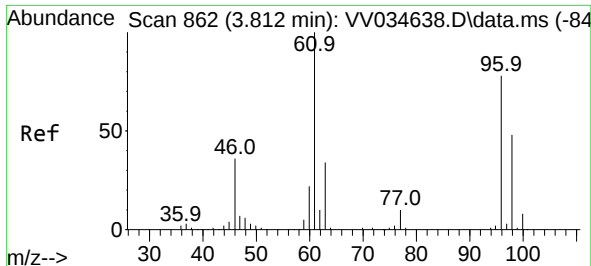
Ion Ratio Lower Upper

63 100

65 33.5 22.1 41.1

83 14.1 9.9 18.3

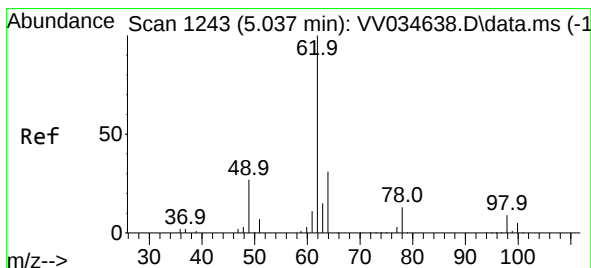
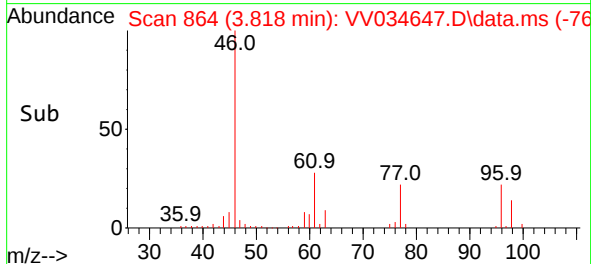
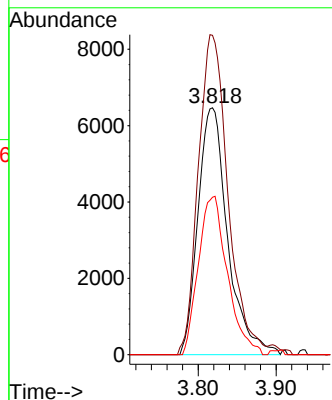
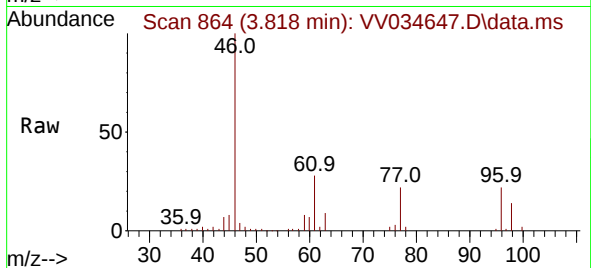




#20
cis-1,2-Dichloroethene
Concen: 6.330 ug/L
RT: 3.818 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV034647.D
Acq: 15 Mar 2024 12:43

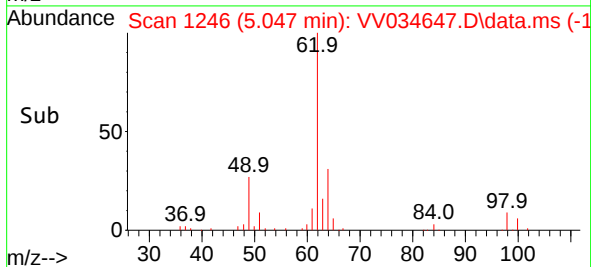
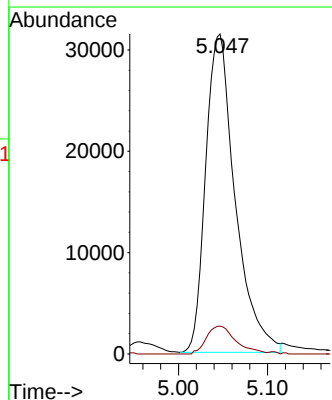
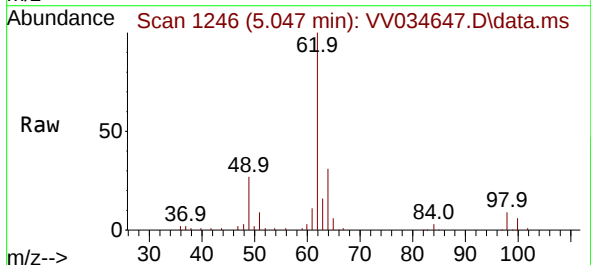
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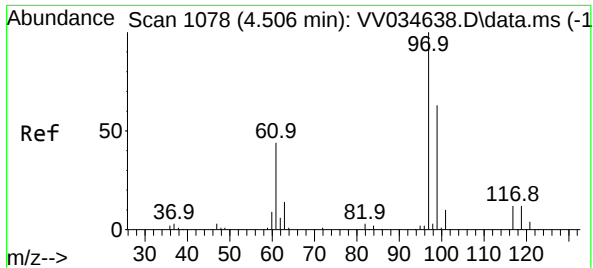
Tgt Ion: 96 Resp: 17119
Ion Ratio Lower Upper
96 100
61 129.4 96.0 178.4
98 63.8 46.0 85.4



#27
1,2-Dichloroethane
Concen: 17.582 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV034647.D
Acq: 15 Mar 2024 12:43

Tgt Ion: 62 Resp: 72296
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#30
 1,1,1-Trichloroethane
 Concen: 1.703 ug/L
 RT: 4.513 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VV034647.D
 Acq: 15 Mar 2024 12:43

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL39

Tgt Ion: 97	Resp:	7961	
Ion	Ratio	Lower	Upper
97	100		
99	70.8	51.3	76.9
61	45.9	36.0	54.0

