

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034633.D
 Acq On : 15 Mar 2024 03:24
 Operator : SY/MD
 Sample : P1751-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:58:11 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)

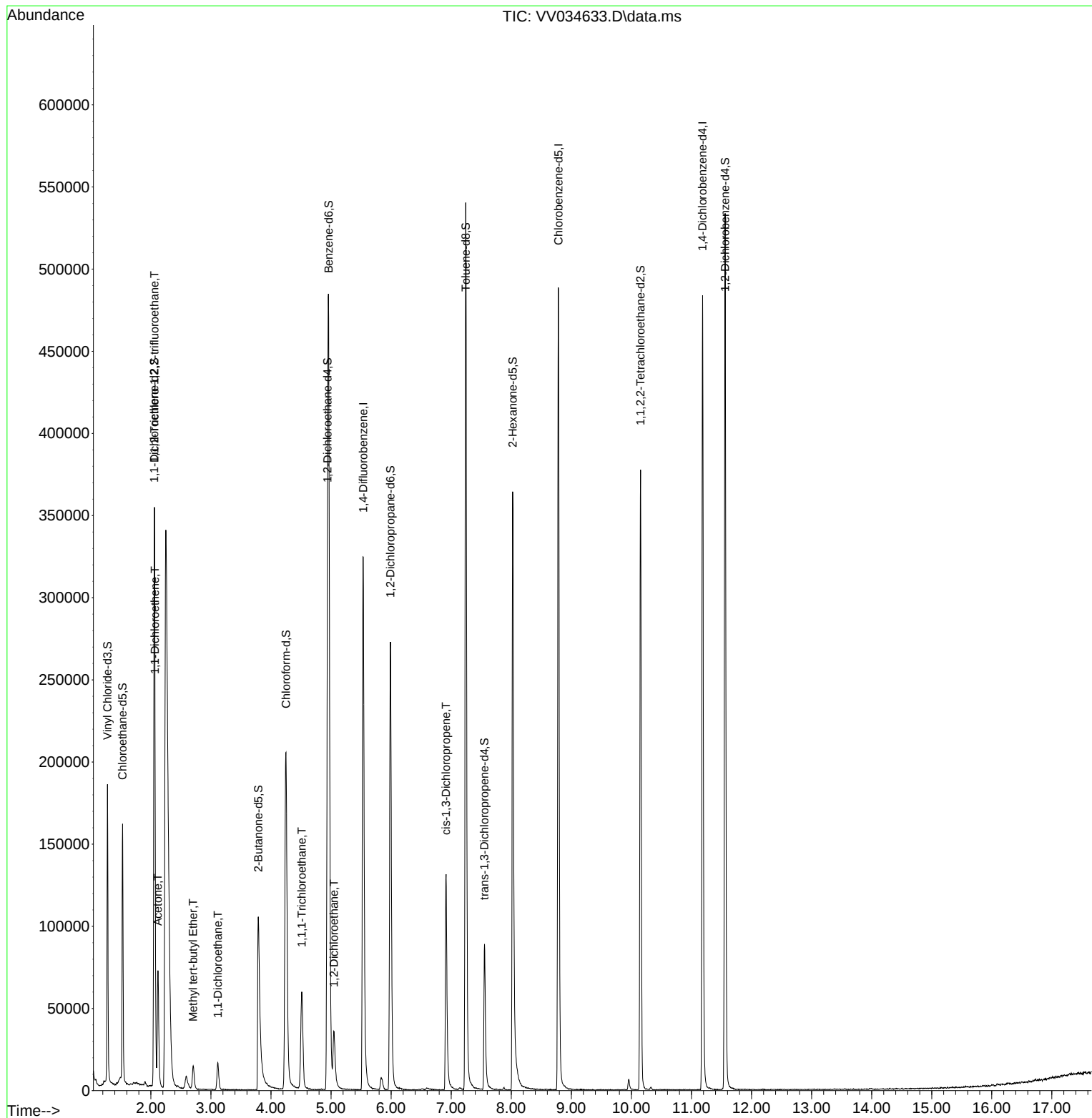
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	282229	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	265328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	122470	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112502	45.982	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.960%	
7) Chloroethane-d5	1.529	69	96118	50.427	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.860%	
11) 1,1-Dichloroethene-d2	2.056	65	52105	47.091	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.180%	
21) 2-Butanone-d5	3.789	46	183600	112.214	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	112.210%	
24) Chloroform-d	4.249	84	218160	50.431	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.860%	
26) 1,2-Dichloroethane-d4	4.940	65	148843	52.653	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.300%	
32) Benzene-d6	4.960	84	420656	52.532	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.060%	
36) 1,2-Dichloropropane-d6	5.989	67	128623	52.633	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.260%	
41) Toluene-d8	7.243	98	357344	49.312	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.620%	
43) trans-1,3-Dichloroprop...	7.554	79	53620	43.693	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.380%	
47) 2-Hexanone-d5	8.024	63	125191	102.589	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.590%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	174812	54.357	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	108.720%	
66) 1,2-Dichlorobenzene-d4	11.561	152	131881	52.682	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.360%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	1621	0.711	ug/L #	35
12) 1,1-Dichloroethene	2.069	96	22417	10.607	ug/L #	1
13) Acetone	2.117	43	79564	40.451	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	14446	1.967	ug/L	96
19) 1,1-Dichloroethane	3.114	63	17539	4.377	ug/L	98
27) 1,2-Dichloroethane	5.050	62	34235	10.146	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	49839	13.099	ug/L	98
39) cis-1,3-Dichloropropene	6.911	75	3711	1.062	ug/L #	70

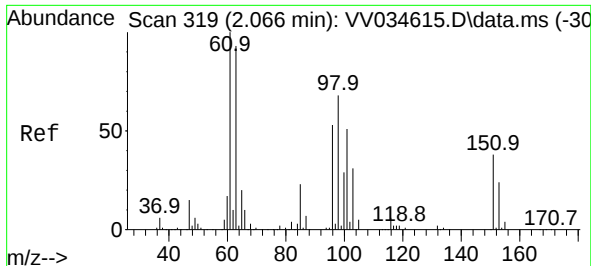
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 06:40:01 2024
Response via : Initial Calibration





#10

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

Concen: 0.711 ug/L

RT: 2.059 min Scan# 319

Delta R.T. -0.007 min

Lab File: VV034633.D

Acq: 15 Mar 2024 03:24

Instrument :

MSVOA_V

ClientSampleId :

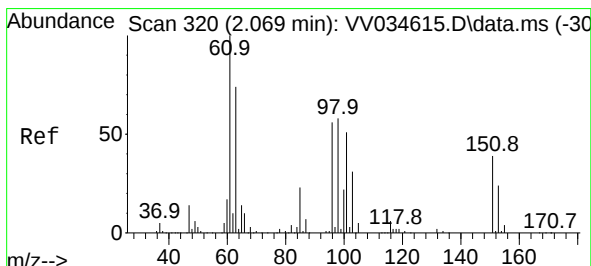
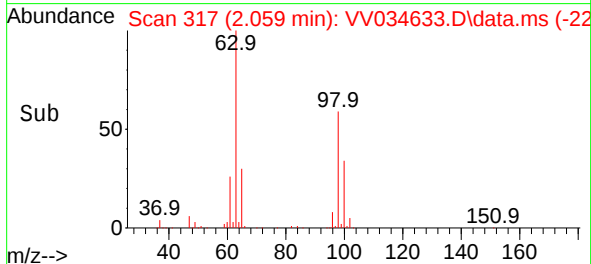
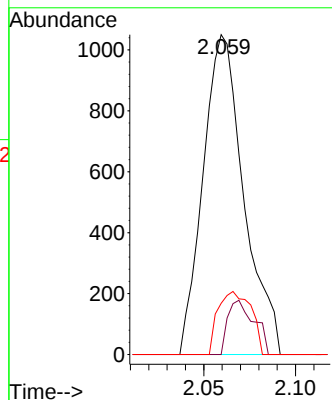
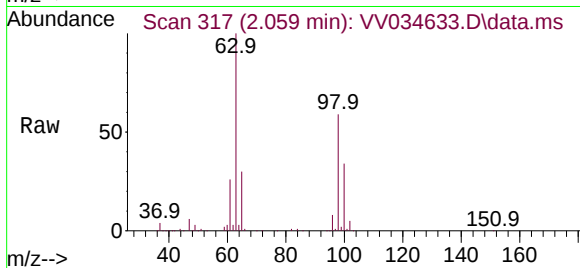
Tgt Ion:101 Resp: 1621

Ion Ratio Lower Upper

101 100

85 9.7 37.4 56.0#

151 16.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 10.607 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034633.D

Acq: 15 Mar 2024 03:24

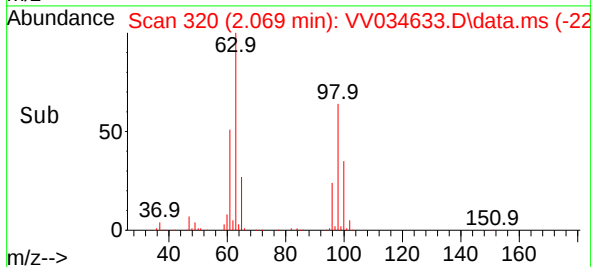
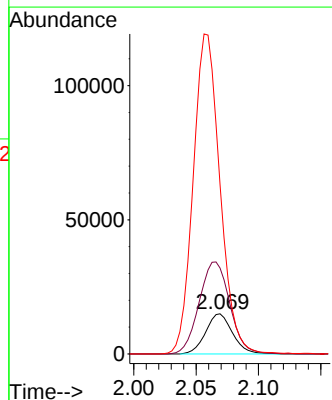
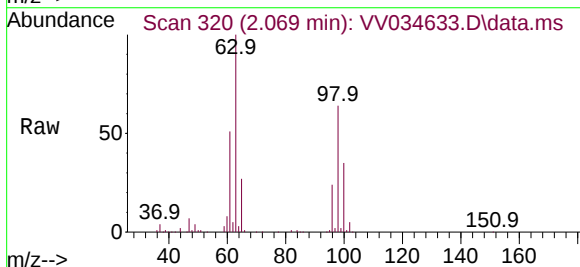
Tgt Ion: 96 Resp: 22417

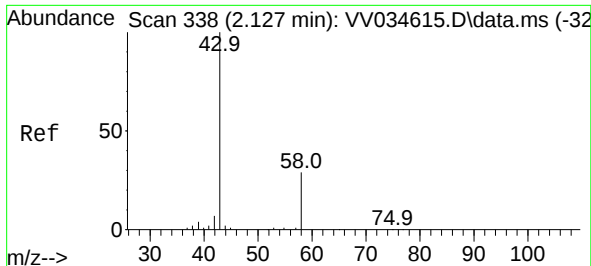
Ion Ratio Lower Upper

96 100

61 214.2 128.9 239.3

63 422.7 98.0 182.0#





#13

Acetone

Concen: 40.451 ug/L

RT: 2.117 min Scan# 338

Delta R.T. -0.010 min

Lab File: VV034633.D

Acq: 15 Mar 2024 03:24

Instrument :

MSVOA_V

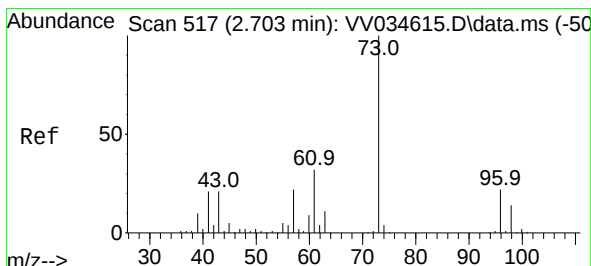
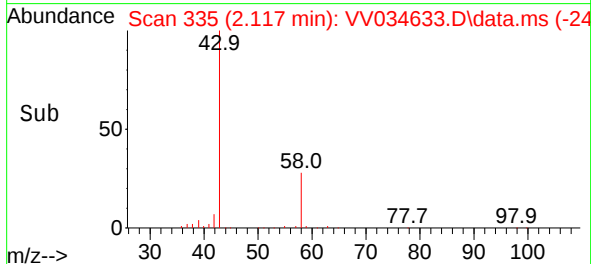
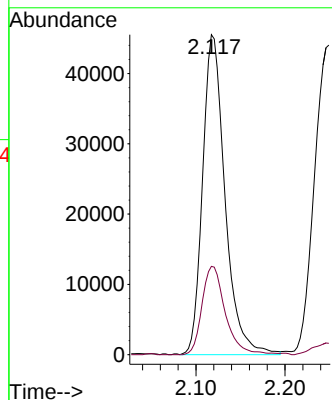
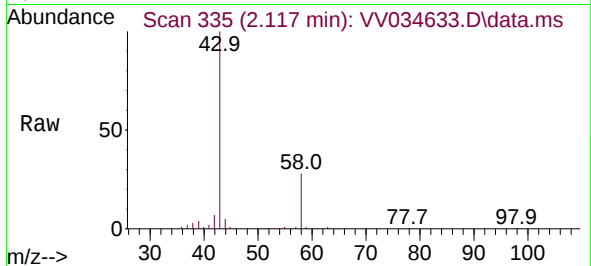
ClientSampleId :

Tgt Ion: 43 Resp: 79564

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#18

Methyl tert-butyl Ether

Concen: 1.967 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV034633.D

Acq: 15 Mar 2024 03:24

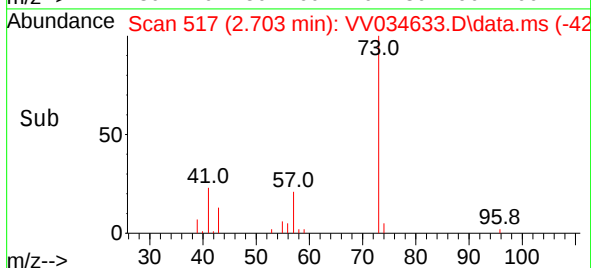
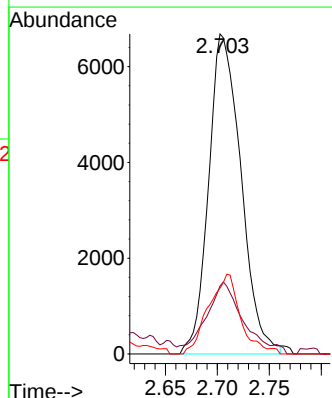
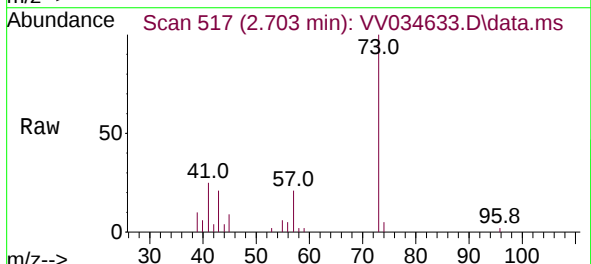
Tgt Ion: 73 Resp: 14446

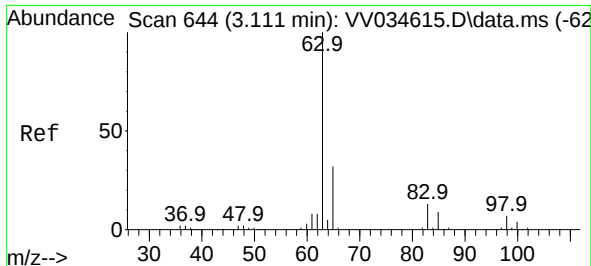
Ion Ratio Lower Upper

73 100

43 23.2 17.1 25.7

57 24.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 4.377 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV034633.D

Acq: 15 Mar 2024 03:24

Instrument :

MSVOA_V

ClientSampleId :

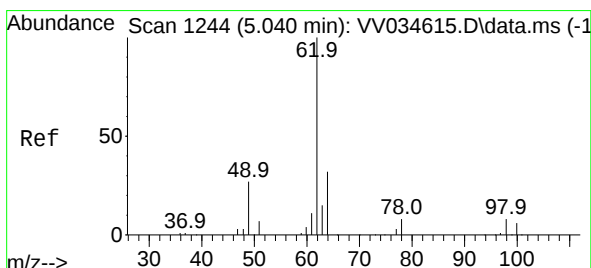
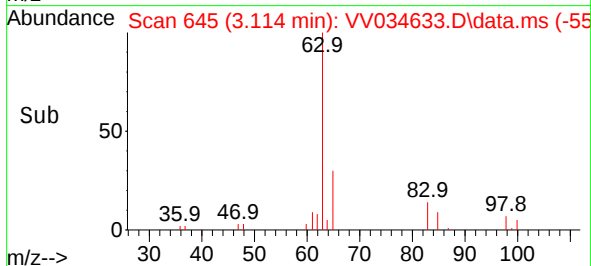
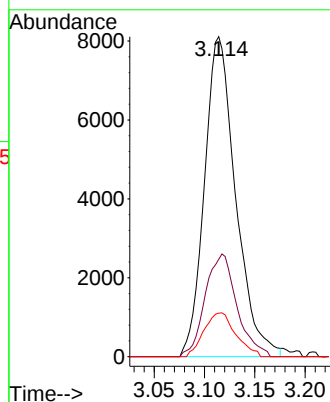
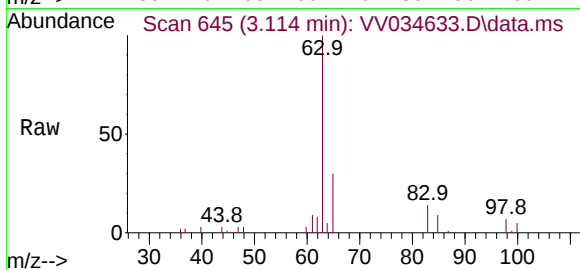
Tgt Ion: 63 Resp: 17539

Ion Ratio Lower Upper

63 100

65 30.4 22.1 41.1

83 13.6 9.9 18.3



#27

1,2-Dichloroethane

Concen: 10.146 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.010 min

Lab File: VV034633.D

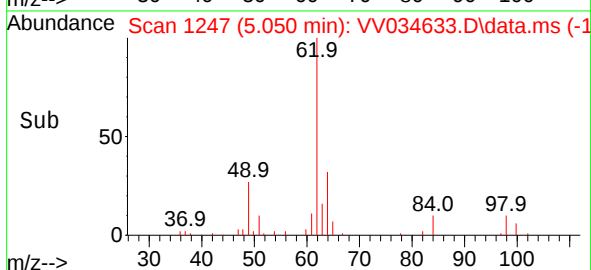
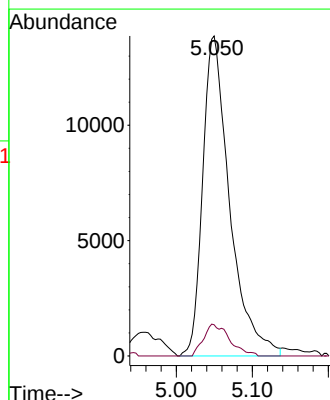
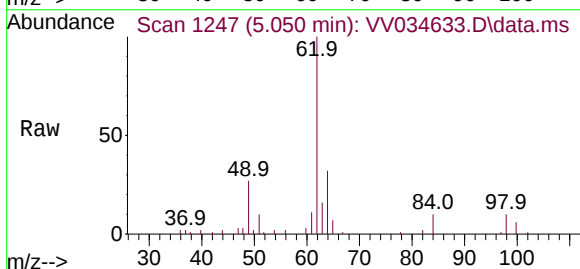
Acq: 15 Mar 2024 03:24

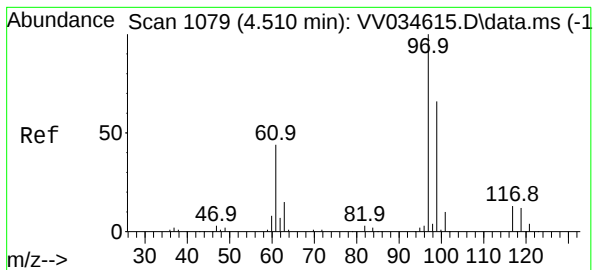
Tgt Ion: 62 Resp: 34235

Ion Ratio Lower Upper

62 100

98 9.8 6.6 10.0





#30

1,1,1-Trichloroethane

Concen: 13.099 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034633.D

Acq: 15 Mar 2024 03:24

Instrument :

MSVOA_V

ClientSampleId :

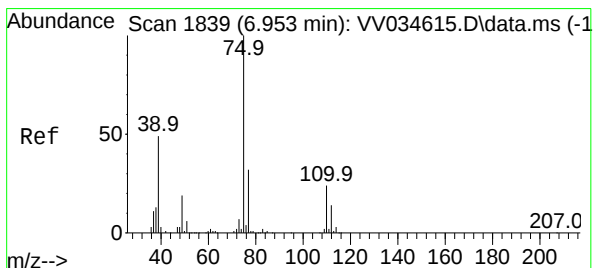
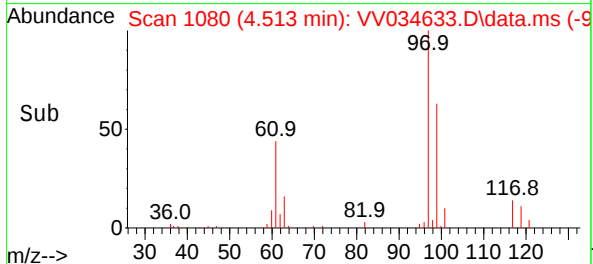
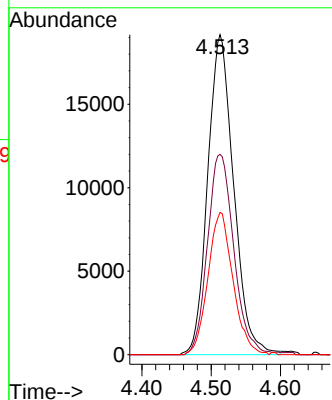
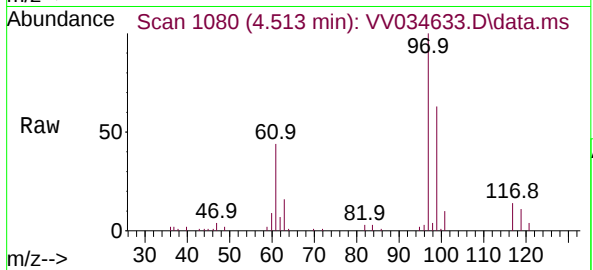
Tgt Ion: 97 Resp: 49839

Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 43.0 36.0 54.0



#39

cis-1,3-Dichloropropene

Concen: 1.062 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.042 min

Lab File: VV034633.D

Acq: 15 Mar 2024 03:24

Tgt Ion: 75 Resp: 3711

Ion Ratio Lower Upper

75 100

77 45.9 20.9 38.9#

