

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034623.D
 Acq On : 14 Mar 2024 23:25
 Operator : SY/MD
 Sample : P1751-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:55:49 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)

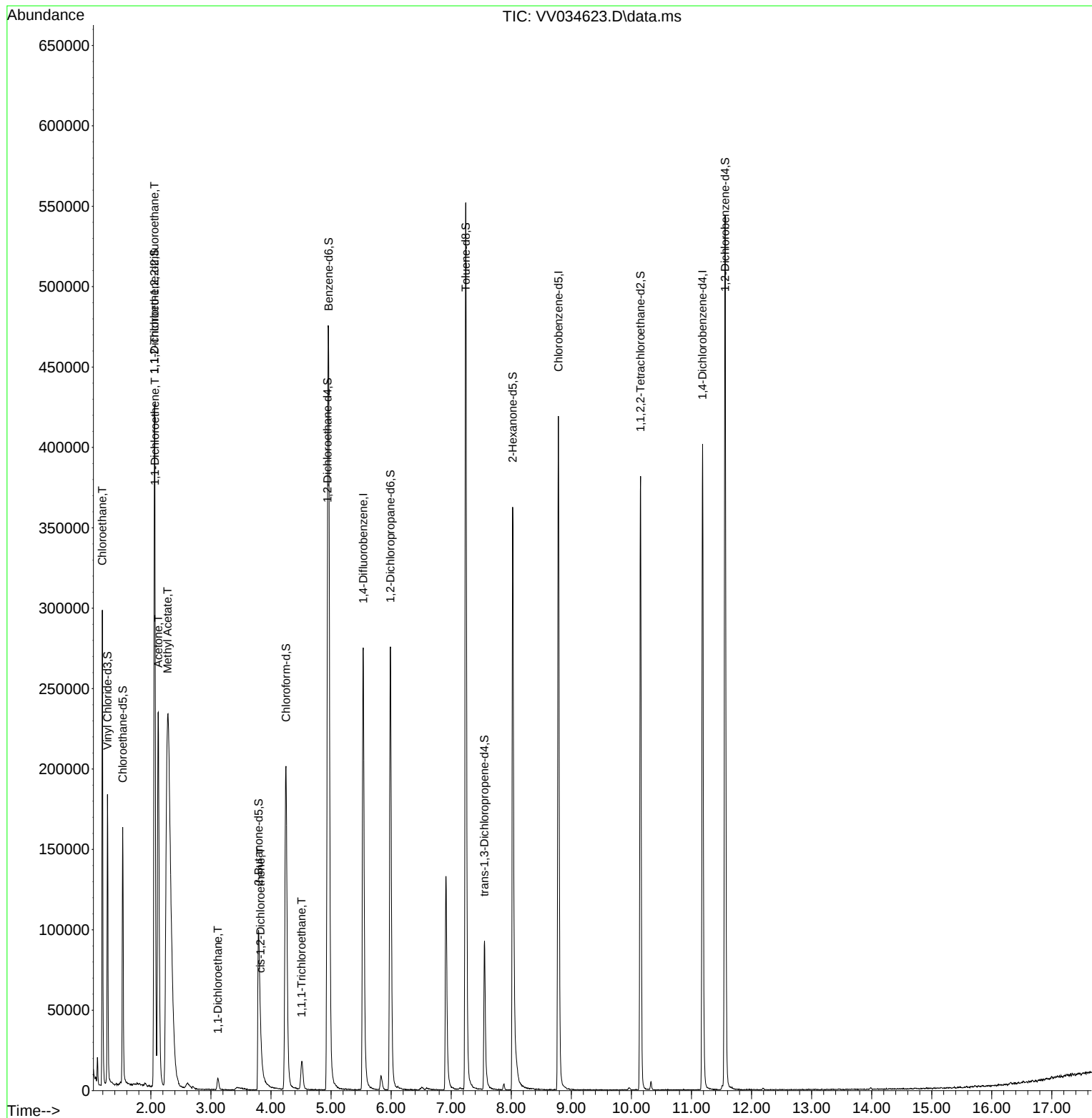
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	237570	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	224345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103633	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112258	54.508	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.020%			
7) Chloroethane-d5	1.532	69	96452	60.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.220%			
11) 1,1-Dichloroethene-d2	2.060	65	51733	55.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.080%			
21) 2-Butanone-d5	3.793	46	178950	129.932	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.930%			
24) Chloroform-d	4.249	84	215377	59.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.300%			
26) 1,2-Dichloroethane-d4	4.941	65	146618	61.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.240%			
32) Benzene-d6	4.960	84	415696	61.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.800%			
36) 1,2-Dichloropropane-d6	5.989	67	130665	63.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 126.480%#			
41) Toluene-d8	7.243	98	362932	59.232	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.460%			
43) trans-1,3-Dichloroprop...	7.555	79	56538	54.487	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.980%			
47) 2-Hexanone-d5	8.024	63	124961	121.107	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.110%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	174865	64.307	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 128.620%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	138350	65.312	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 130.620%#			
Target Compounds						Qvalue
8) Chloroethane	1.191	64	12523	8.864	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1450	0.756	ug/L #	21
12) 1,1-Dichloroethene	2.069	96	51893	29.171	ug/L #	59
13) Acetone	2.124	43	301090	181.852	ug/L	99
15) Methyl Acetate	2.278	43	176710	83.426	ug/L #	53
19) 1,1-Dichloroethane	3.114	63	8234	2.441	ug/L	96
20) cis-1,2-Dichloroethene	3.825	96	2934	1.571	ug/L	89
30) 1,1,1-Trichloroethane	4.510	97	7162	2.226	ug/L #	15

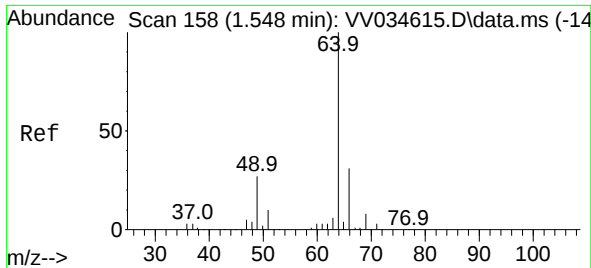
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#8

Chloroethane

Concen: 8.864 ug/L

RT: 1.191 min Scan# 41

Delta R.T. -0.357 min

Lab File: VV034623.D

Acq: 14 Mar 2024 23:25

Instrument :

MSVOA_V

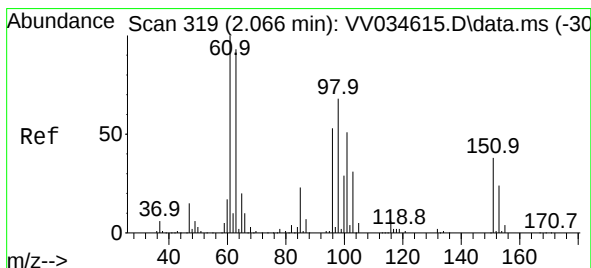
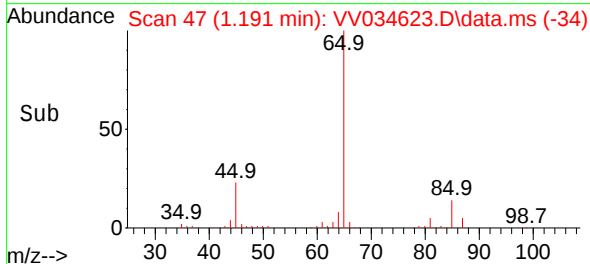
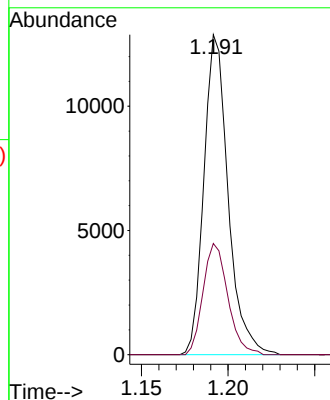
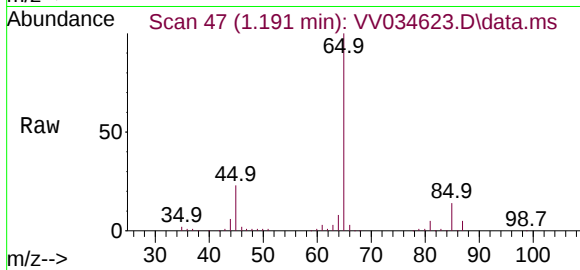
ClientSampleId :

Tgt Ion: 64 Resp: 12523

Ion Ratio Lower Upper

64 100

66 34.8 22.0 40.8



#10

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

Concen: 0.756 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.006 min

Lab File: VV034623.D

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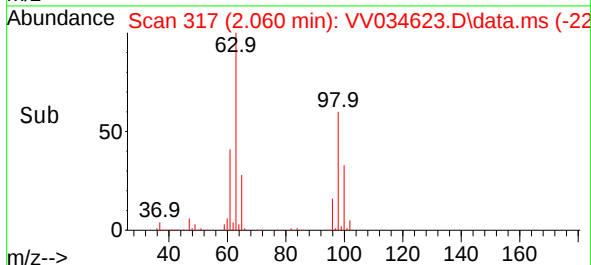
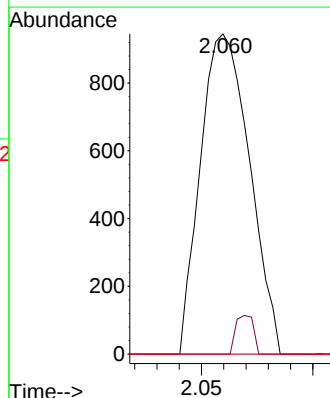
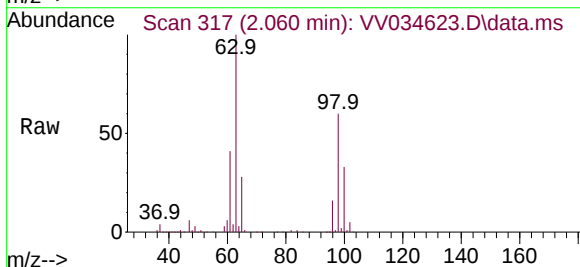
Tgt Ion:101 Resp: 1450

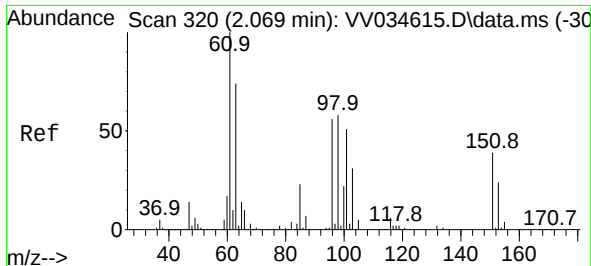
Ion Ratio Lower Upper

101 100

85 4.3 37.4 56.0#

151 0.0 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 29.171 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

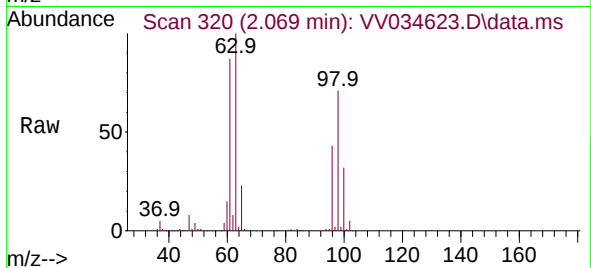
Lab File: VV034623.D

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MSVOA_V

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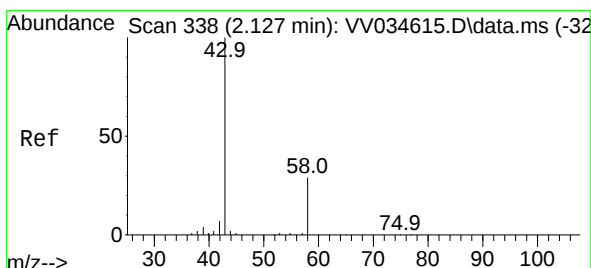
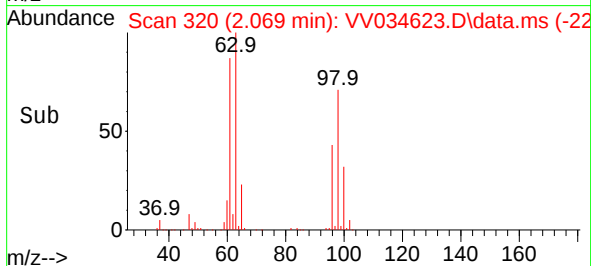
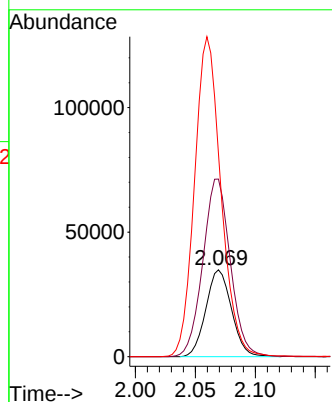
Tgt Ion: 96 Resp: 51893

Ion Ratio Lower Upper

96 100

61 204.5 128.9 239.3

63 234.2 98.0 182.0#



#13

Acetone

Concen: 181.852 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV034623.D

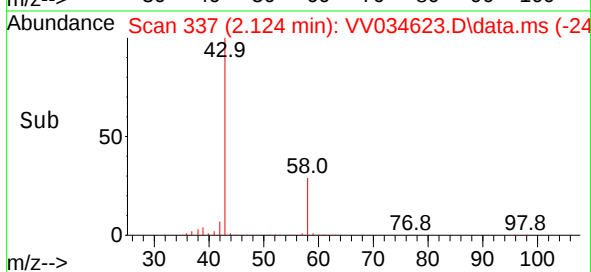
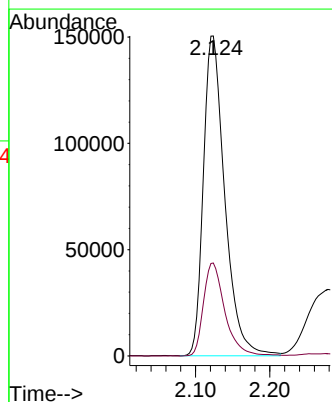
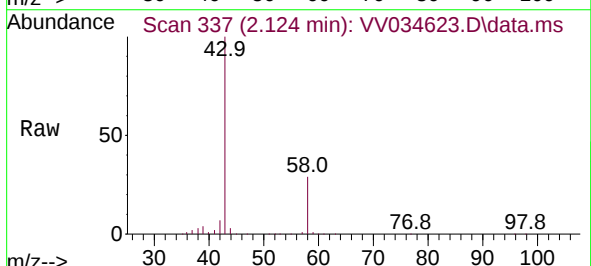
Acq: 14 Mar 2024 23:25

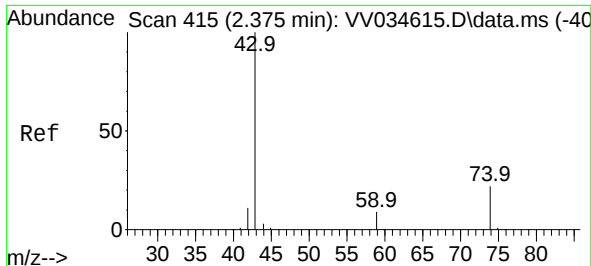
Tgt Ion: 43 Resp: 301090

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2





#15

Methyl Acetate

Concen: 83.426 ug/L

RT: 2.278 min Scan# 31

Delta R.T. -0.096 min

Lab File: VV034623.D

Acq: 14 Mar 2024 23:25

Instrument :

MSVOA_V

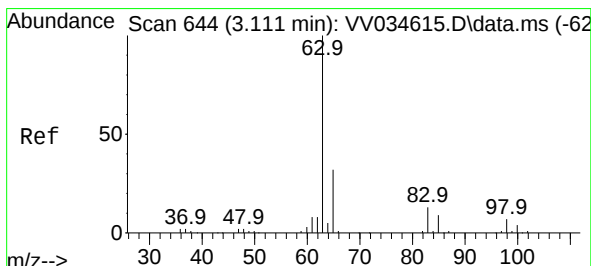
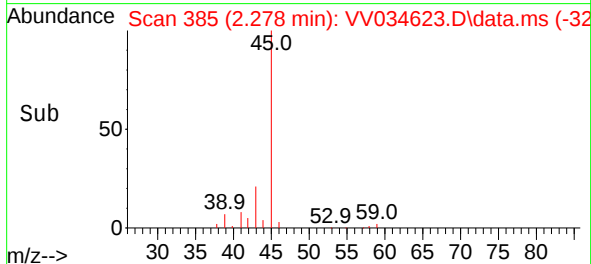
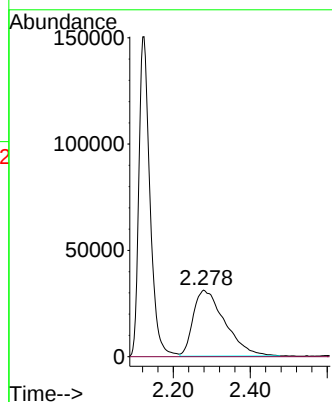
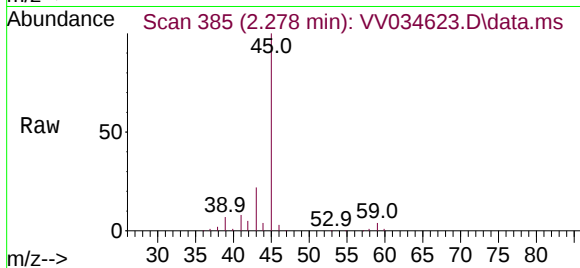
ClientSampleId :

Tgt Ion: 43 Resp: 176710

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

1,1-Dichloroethane

Concen: 2.441 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034623.D

Acq: 14 Mar 2024 23:25

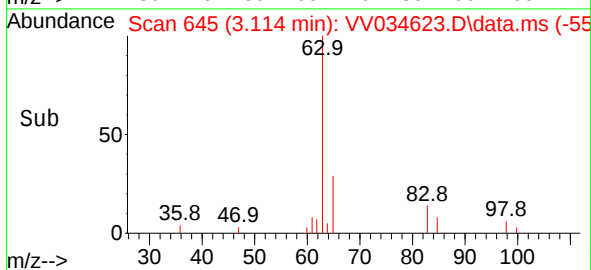
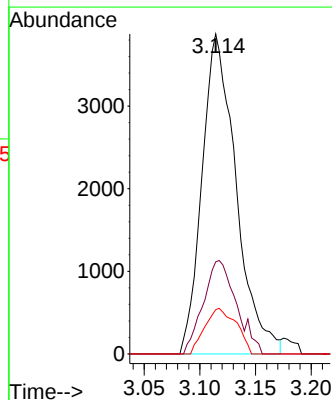
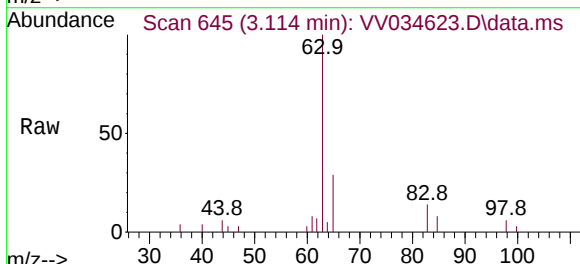
Tgt Ion: 63 Resp: 8234

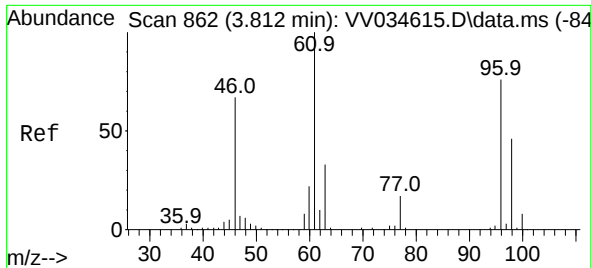
Ion Ratio Lower Upper

63 100

65 28.8 22.1 41.1

83 13.9 9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 1.571 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.013 min

Lab File: VV034623.D

Acq: 14 Mar 2024 23:25

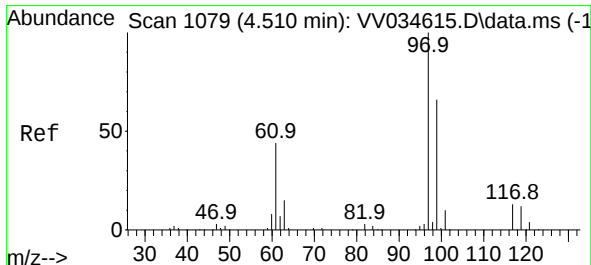
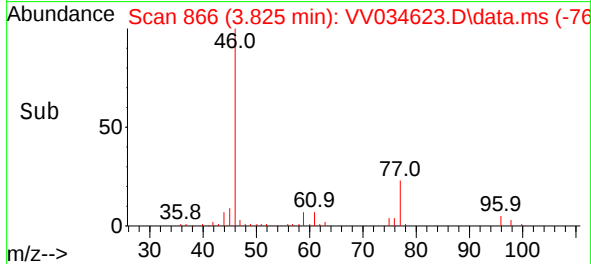
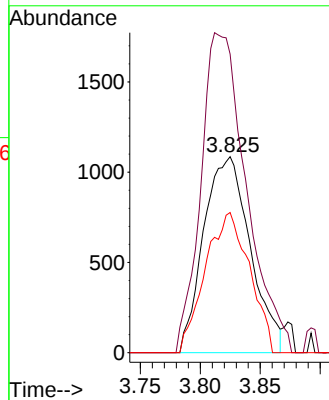
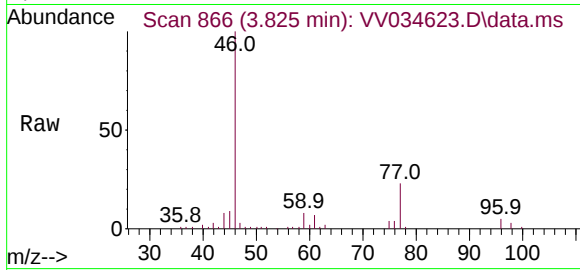
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 2934

Ion	Ratio	Lower	Upper
96	100		
61	152.3	96.0	178.4
98	71.5	46.0	85.4



#30

1,1,1-Trichloroethane

Concen: 2.226 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034623.D

Acq: 14 Mar 2024 23:25

Tgt Ion: 97 Resp: 7162

Ion	Ratio	Lower	Upper
97	100		
99	137.0	51.3	76.9#
61	93.7	36.0	54.0#

