

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034729.D
 Acq On : 19 Mar 2024 12:48
 Operator : SY/MD
 Sample : P1751-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 20 01:22:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

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

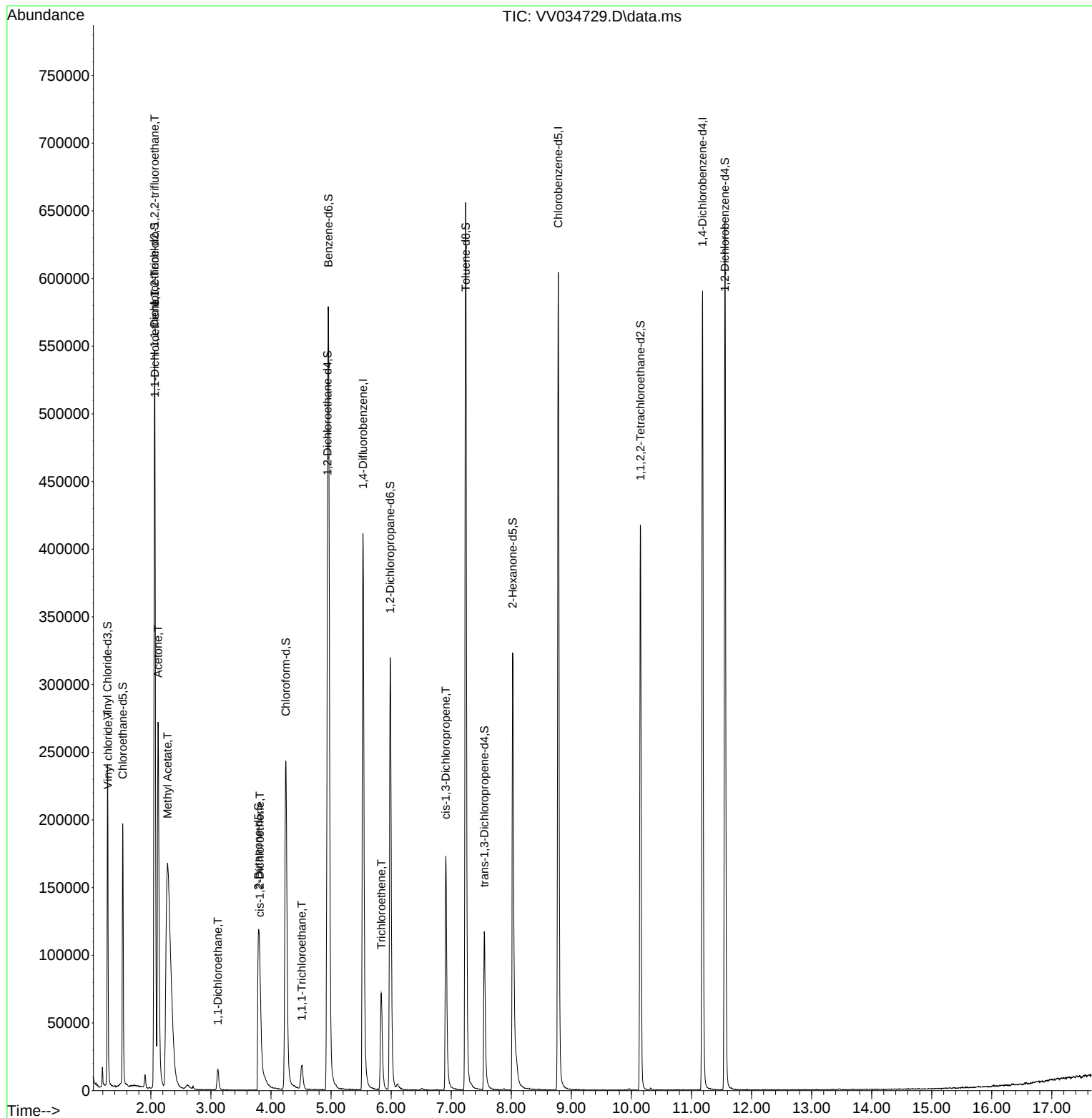
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	353303	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145369	47.463	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.920%		
7) Chloroethane-d5	1.532	69	116885	48.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.980%		
11) 1,1-Dichloroethene-d2	2.060	65	65641	47.390	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.780%		
21) 2-Butanone-d5	3.790	46	194068	94.751	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.750%		
24) Chloroform-d	4.246	84	258308	47.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.400%		
26) 1,2-Dichloroethane-d4	4.941	65	175574	49.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.220%		
32) Benzene-d6	4.957	84	513259	52.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.320%		
36) 1,2-Dichloropropane-d6	5.986	67	153284	51.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.060%		
41) Toluene-d8	7.243	98	436180	49.450	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.900%		
43) trans-1,3-Dichloroprop...	7.551	79	73081	48.924	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.840%		
47) 2-Hexanone-d5	8.024	63	112774	75.922	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.920%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	191974	49.041	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.080%		
66) 1,2-Dichlorobenzene-d4	11.558	152	162422	51.981	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.960%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	4891	1.384	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2182	0.765	ug/L #	30
12) 1,1-Dichloroethene	2.069	96	74736	28.250	ug/L #	67
13) Acetone	2.121	43	339851	138.024	ug/L	99
15) Methyl Acetate	2.278	43	50988	16.186	ug/L #	53
19) 1,1-Dichloroethane	3.114	63	16381	3.266	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	22884	8.237	ug/L	90
30) 1,1,1-Trichloroethane	4.513	97	15354	3.315	ug/L #	72
34) Trichloroethene	5.838	95	24514	8.603	ug/L	98
39) cis-1,3-Dichloropropene	6.908	75	5130	1.206	ug/L #	76

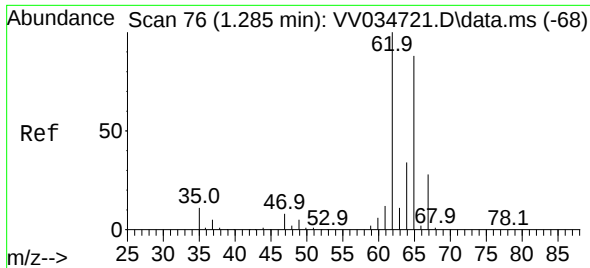
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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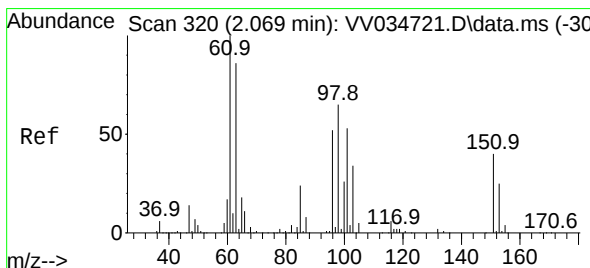
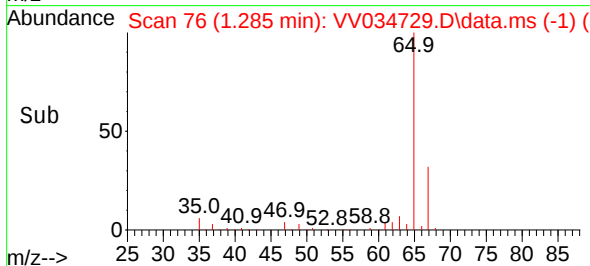
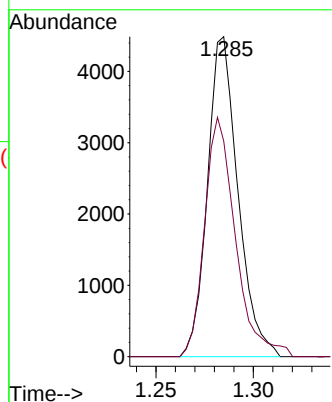
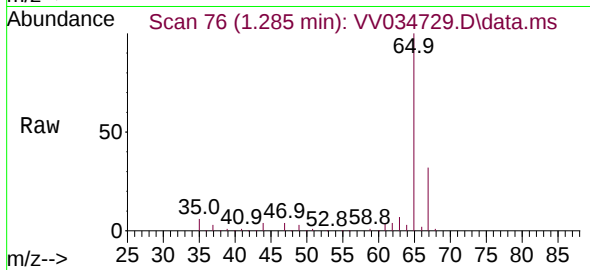




#5
 Vinyl chloride
 Concen: 1.384 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034729.D
 Acq: 19 Mar 2024 12:48

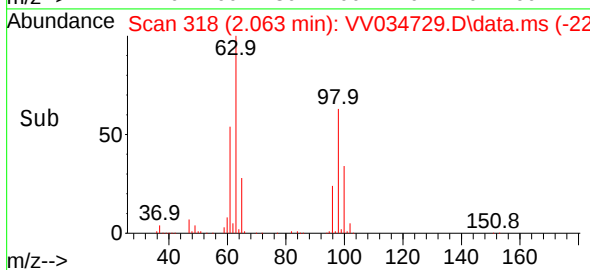
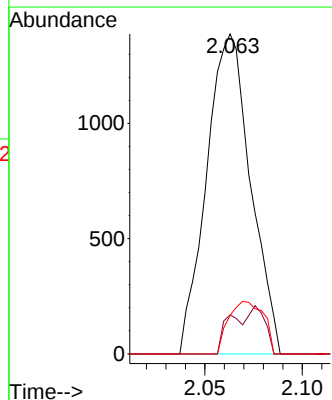
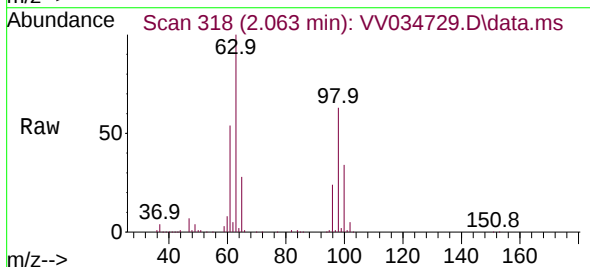
Instrument :
 MSVOA_V
 ClientSampleId :

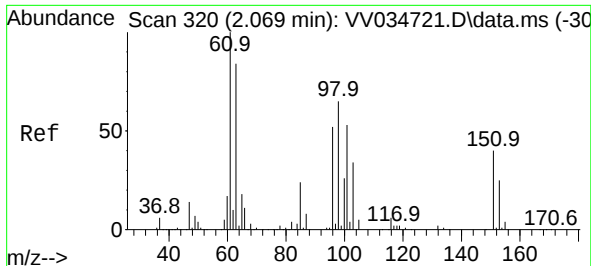
Tgt Ion: 62 Resp: 4891
 Ion Ratio Lower Upper
 62 100
 64 67.4 23.4 43.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.765 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV034729.D
 Acq: 19 Mar 2024 12:48

Tgt Ion: 101 Resp: 2182
 Ion Ratio Lower Upper
 101 100
 85 5.2 37.4 56.0#
 151 13.0 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 28.250 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034729.D

Acq: 19 Mar 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

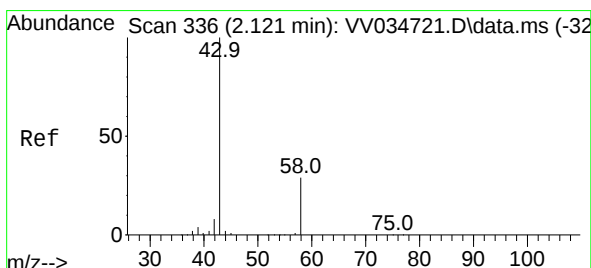
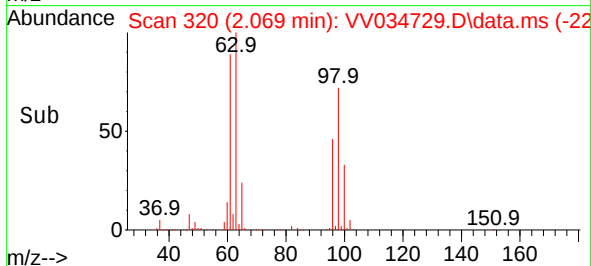
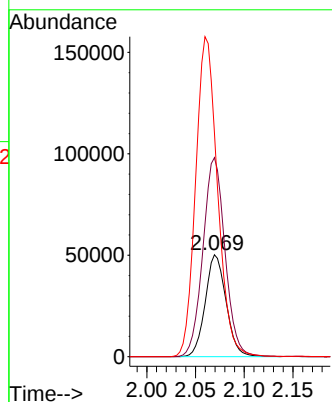
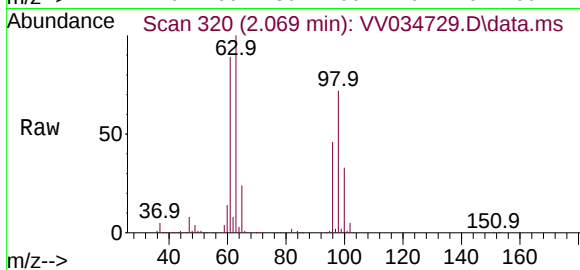
Tgt Ion: 96 Resp: 74736

Ion Ratio Lower Upper

96 100

61 195.2 128.9 239.3

63 219.7 98.0 182.0#



#13

Acetone

Concen: 138.024 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV034729.D

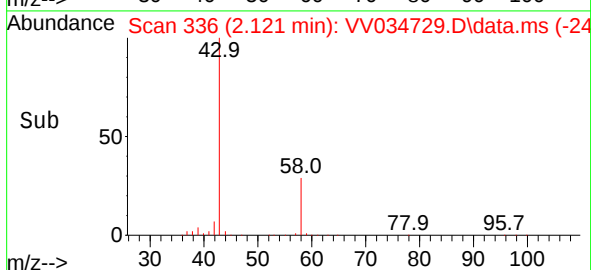
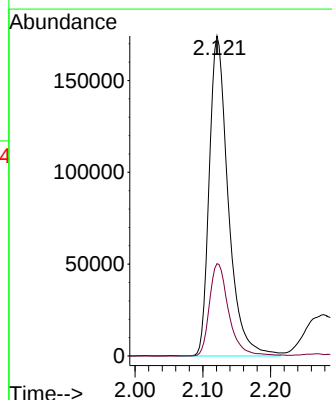
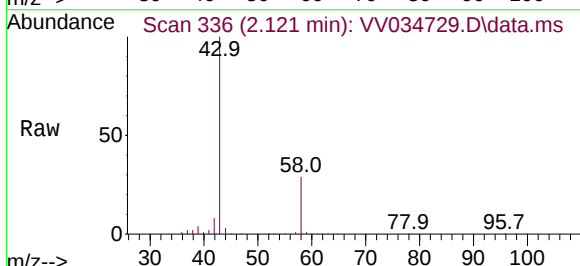
Acq: 19 Mar 2024 12:48

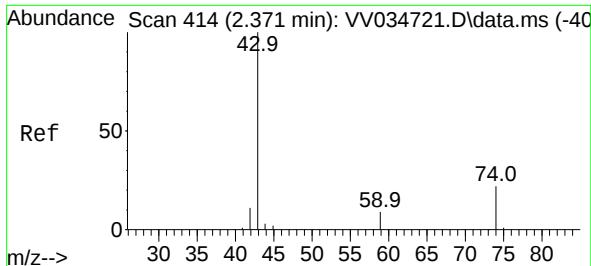
Tgt Ion: 43 Resp: 339851

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2





#15

Methyl Acetate

Concen: 16.186 ug/L

RT: 2.278 min Scan# 385

Delta R.T. -0.093 min

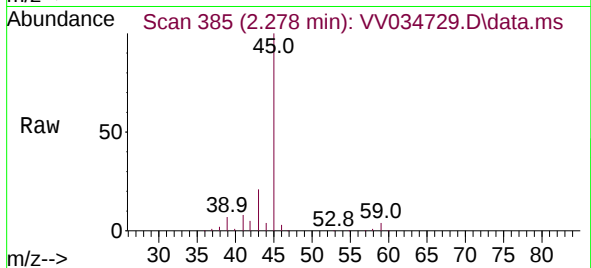
Lab File: VV034729.D

Acq: 19 Mar 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

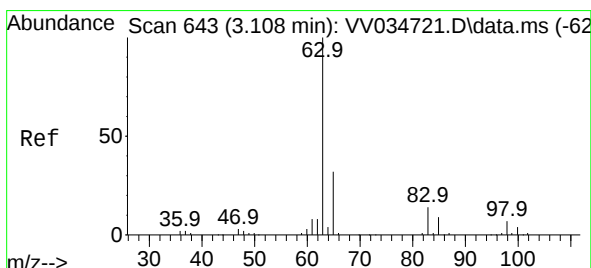
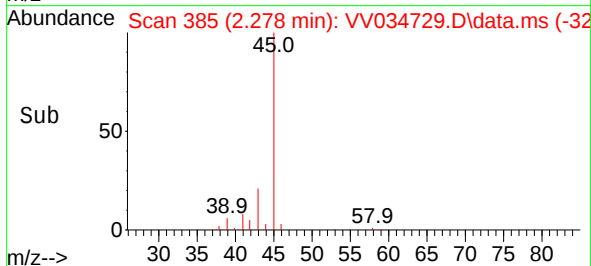
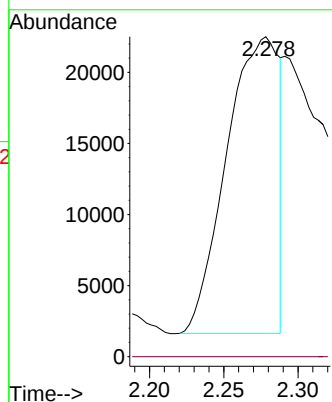


Tgt Ion: 43 Resp: 50988

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

1,1-Dichloroethane

Concen: 3.266 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.007 min

Lab File: VV034729.D

Acq: 19 Mar 2024 12:48

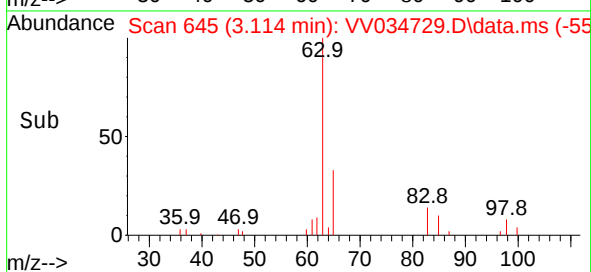
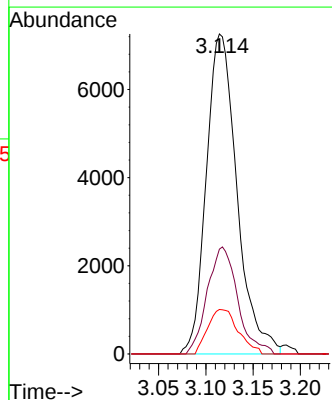
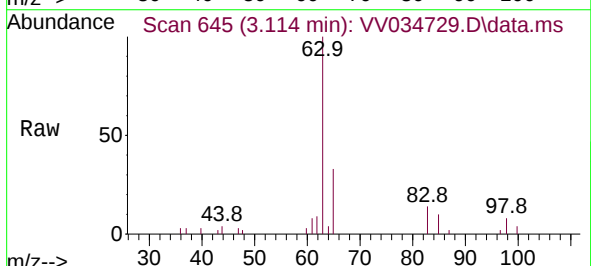
Tgt Ion: 63 Resp: 16381

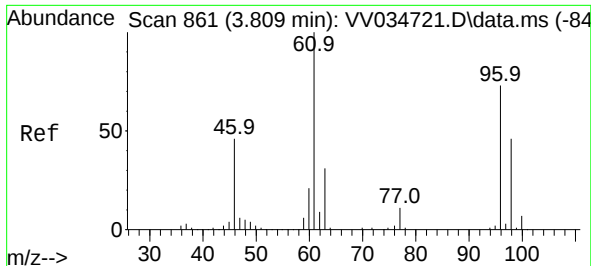
Ion Ratio Lower Upper

63 100

65 32.8 22.1 41.1

83 13.9 9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 8.237 ug/L

RT: 3.815 min Scan# 8

Delta R.T. 0.007 min

Lab File: VV034729.D

Acq: 19 Mar 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

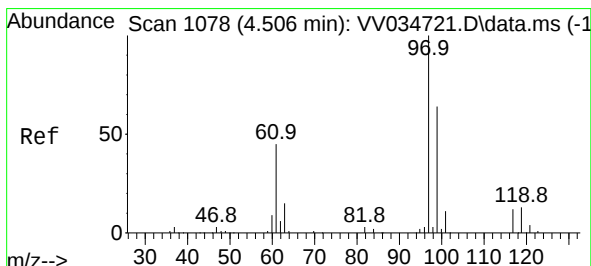
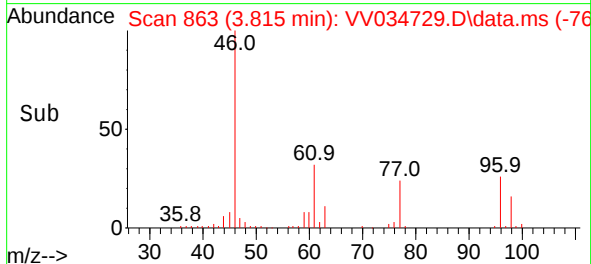
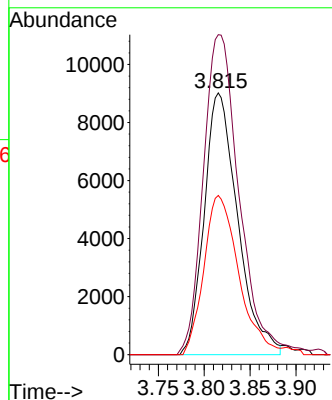
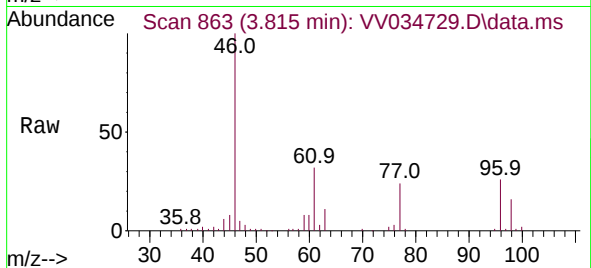
Tgt Ion: 96 Resp: 22884

Ion Ratio Lower Upper

96 100

61 122.3 96.0 178.4

98 60.9 46.0 85.4



#30

1,1,1-Trichloroethane

Concen: 3.315 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.007 min

Lab File: VV034729.D

Acq: 19 Mar 2024 12:48

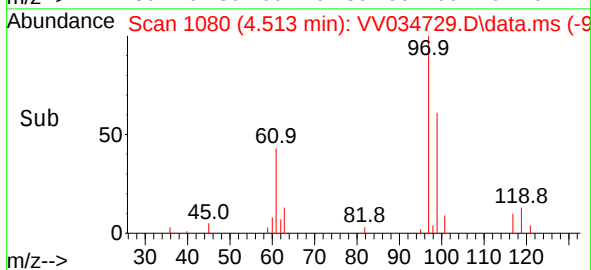
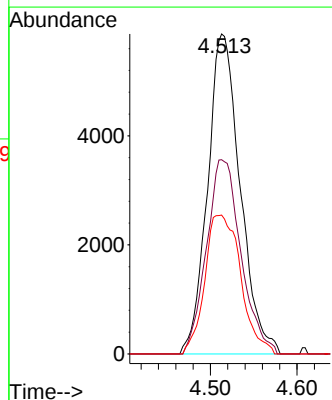
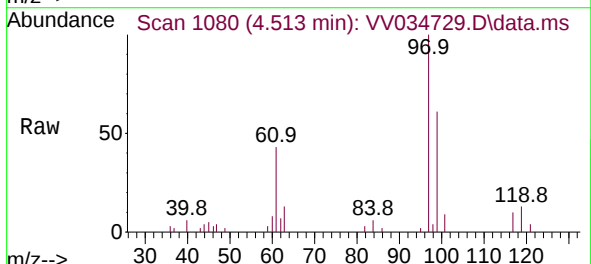
Tgt Ion: 97 Resp: 15354

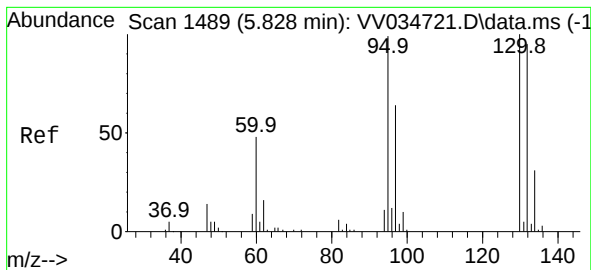
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 0.0 36.0 54.0#





#34

Trichloroethene

Concen: 8.603 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

Lab File: VV034729.D

Acq: 19 Mar 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 24514

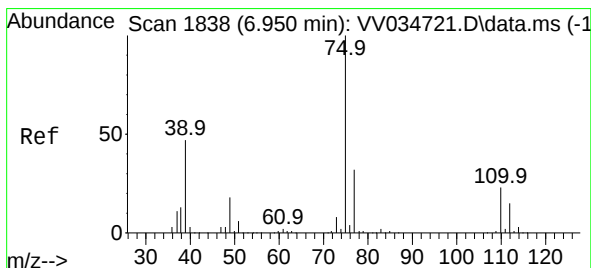
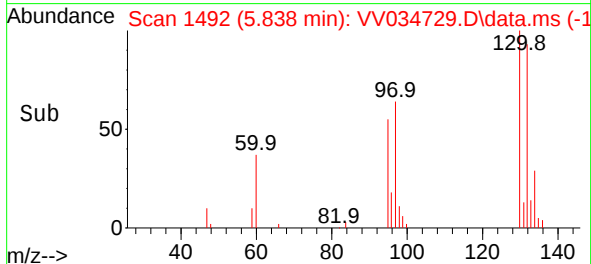
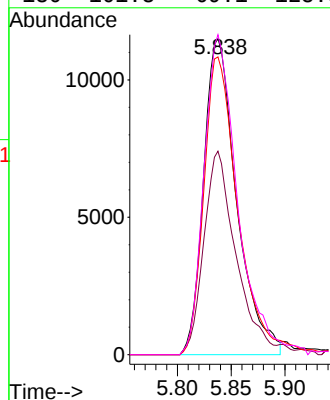
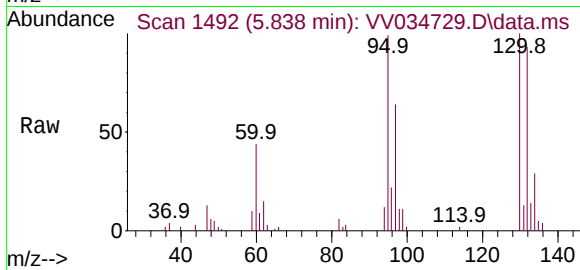
Ion Ratio Lower Upper

95 100

97 64.4 44.7 83.1

132 94.3 65.3 121.3

130 101.3 69.1 128.3



#39

cis-1,3-Dichloropropene

Concen: 1.206 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.042 min

Lab File: VV034729.D

Acq: 19 Mar 2024 12:48

Tgt Ion: 75 Resp: 5130

Ion Ratio Lower Upper

75 100

77 42.7 20.9 38.9#

