

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034704.D
 Acq On : 18 Mar 2024 18:43
 Operator : SY/MD
 Sample : P1752-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

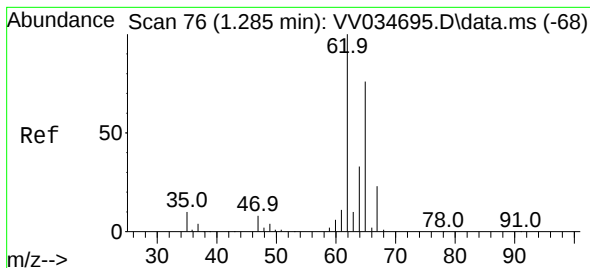
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 19 02:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	282194	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	264701	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	121207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	147932	60.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.940%
7) Chloroethane-d5	1.529	69	116495	61.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.240%
11) 1,1-Dichloroethene-d2	2.060	65	64590	58.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.760%
21) 2-Butanone-d5	3.786	46	186340	113.903	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.900%
24) Chloroform-d	4.249	84	246413	56.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.940%
26) 1,2-Dichloroethane-d4	4.941	65	164239	58.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.220%
32) Benzene-d6	4.960	84	482619	60.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.820%
36) 1,2-Dichloropropane-d6	5.986	67	147855	60.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.300%#
41) Toluene-d8	7.243	98	426309	58.968	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.940%
43) trans-1,3-Dichloroprop...	7.555	79	67379	55.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.080%
47) 2-Hexanone-d5	8.024	63	118051	96.967	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.970%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	196476	61.238	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.480%#
66) 1,2-Dichlorobenzene-d4	11.561	152	155245	62.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.320%#
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	4449	1.576	ug/L #	32
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	12180	5.345	ug/L #	80
12) 1,1-Dichloroethene	2.069	96	591349	279.854	ug/L #	74
13) Acetone	2.114	43	297563	151.302	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	18919	2.576	ug/L	97
19) 1,1-Dichloroethane	3.111	63	88345	22.051	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	5986	2.698	ug/L	95
27) 1,2-Dichloroethane	5.047	62	41756	12.376	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	166395	43.837	ug/L	99
31) Carbon tetrachloride	4.513	117	20768	6.180	ug/L	100
39) cis-1,3-Dichloropropene	6.912	75	4914	1.410	ug/L #	77
48) 2-Hexanone	8.024	43	14353	5.679	ug/L #	72

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



#5

Vinyl chloride

Concen: 1.576 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

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Instrument :

MSVOA_V

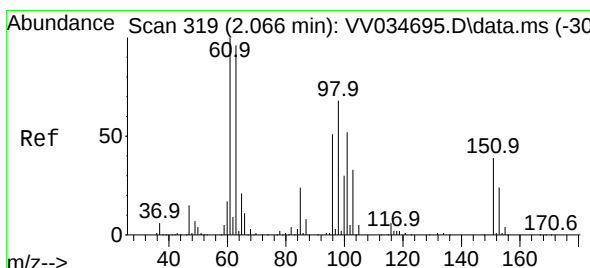
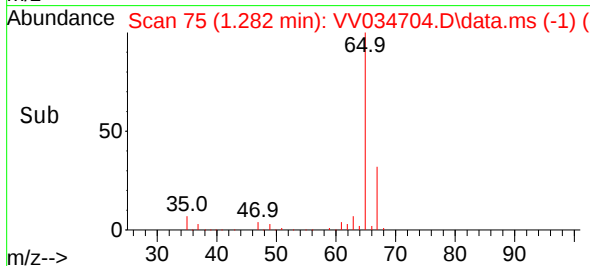
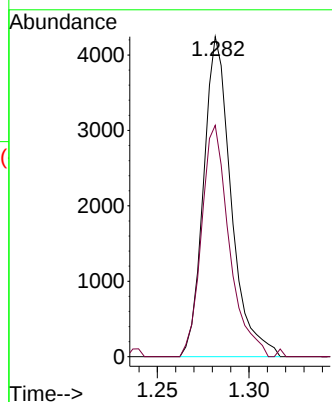
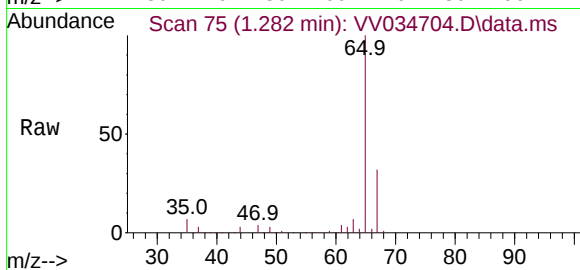
ClientSampleId :

Tgt Ion: 62 Resp: 4449

Ion Ratio Lower Upper

62 100

64 72.3 23.4 43.6#



#10

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

Concen: 5.345 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV034704.D

Acq: 18 Mar 2024 18:43

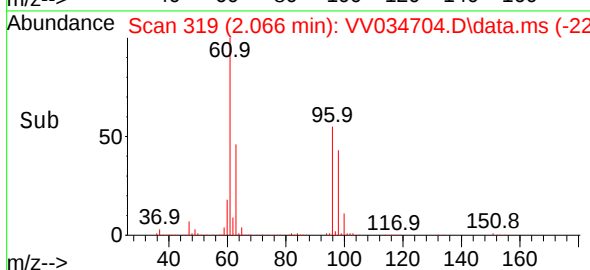
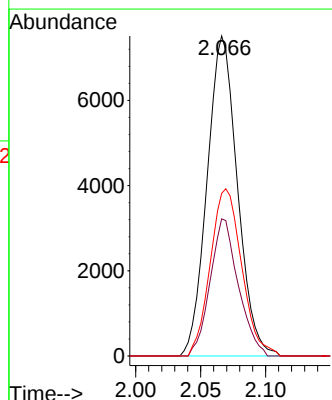
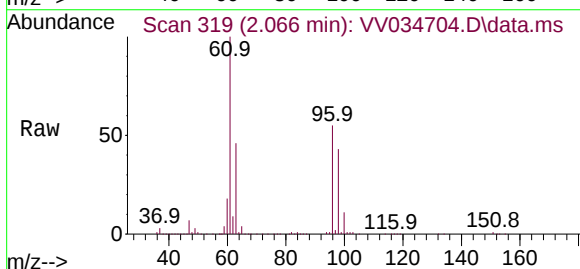
Tgt Ion:101 Resp: 12180

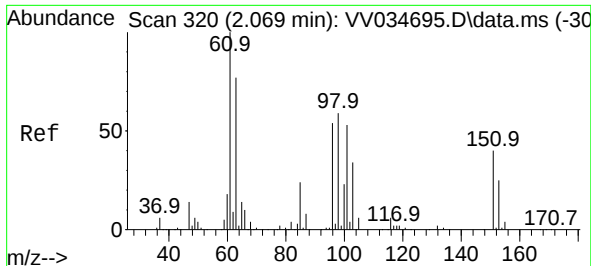
Ion Ratio Lower Upper

101 100

85 39.8 37.4 56.0

151 54.2 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 279.854 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034704.D

Acq: 18 Mar 2024 18:43

Instrument :

MSVOA_V

ClientSampleId :

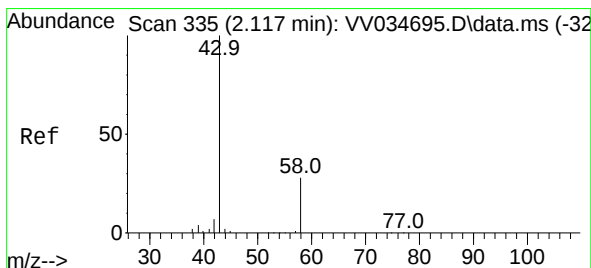
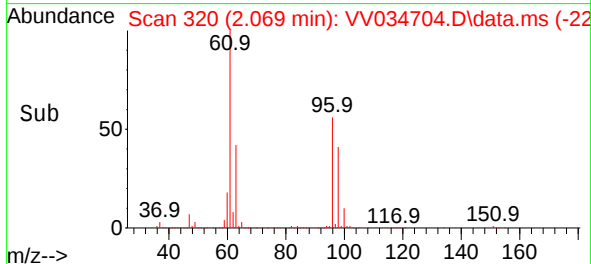
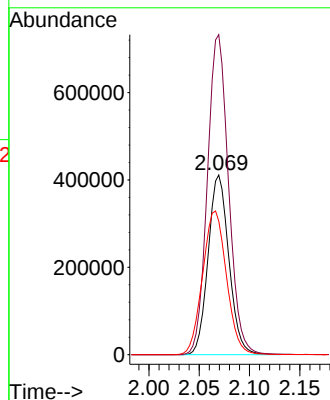
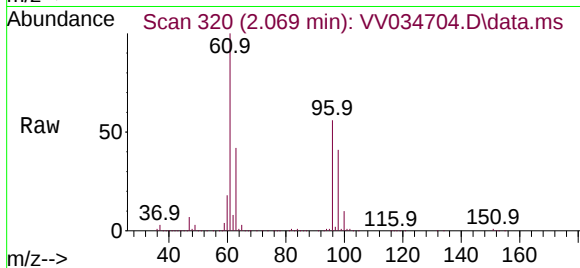
Tgt Ion: 96 Resp: 591349

Ion Ratio Lower Upper

96 100

61 178.1 128.9 239.3

63 74.3 98.0 182.0#



#13

Acetone

Concen: 151.302 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV034704.D

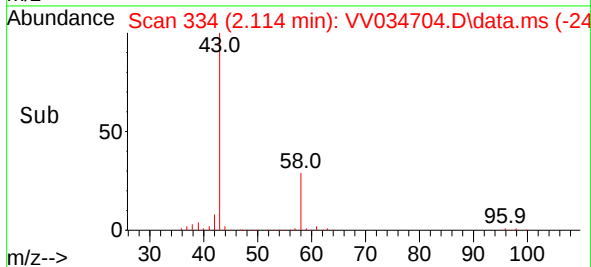
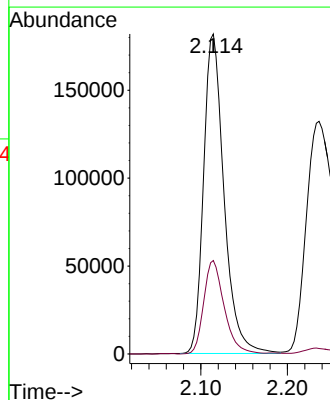
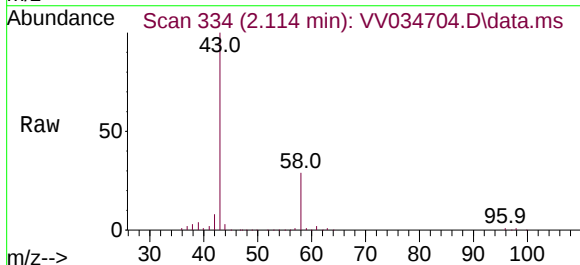
Acq: 18 Mar 2024 18:43

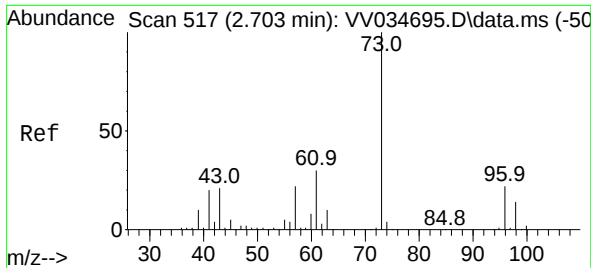
Tgt Ion: 43 Resp: 297563

Ion Ratio Lower Upper

43 100

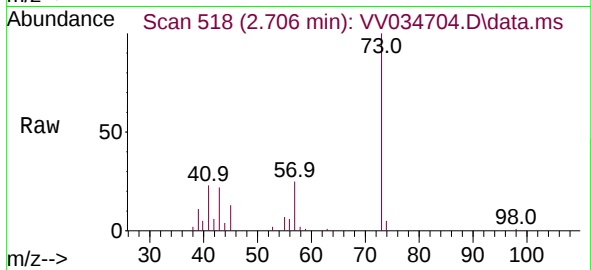
58 29.4 0.0 57.2



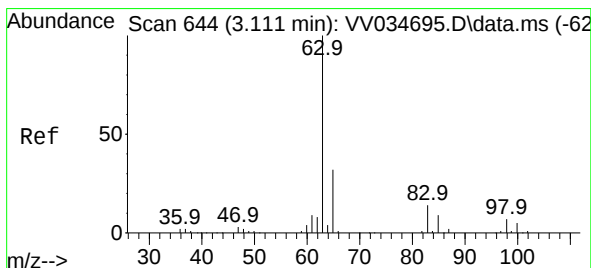
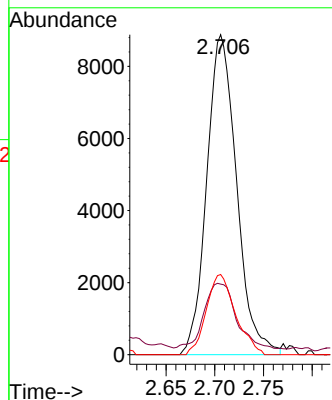
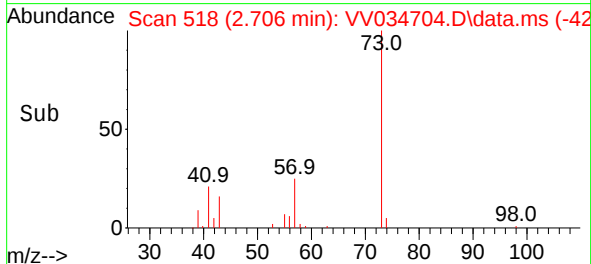


#18
Methyl tert-butyl Ether
Concen: 2.576 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Instrument :
MSVOA_V
ClientSampleId :

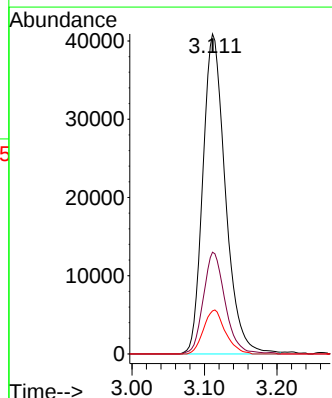
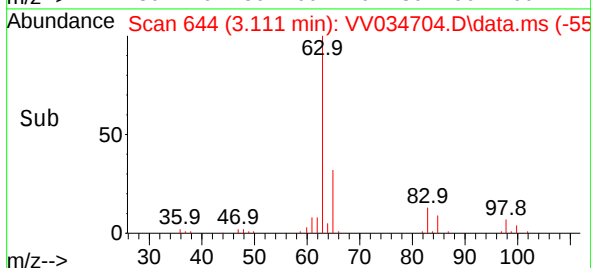
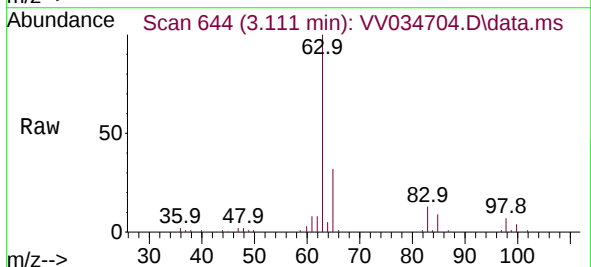


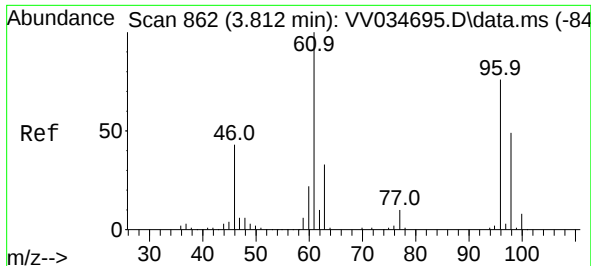
Tgt Ion: 73 Resp: 18919
Ion Ratio Lower Upper
73 100
43 22.0 17.1 25.7
57 24.5 17.6 26.4



#19
1,1-Dichloroethane
Concen: 22.051 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Tgt Ion: 63 Resp: 88345
Ion Ratio Lower Upper
63 100
65 31.8 22.1 41.1
83 13.4 9.9 18.3

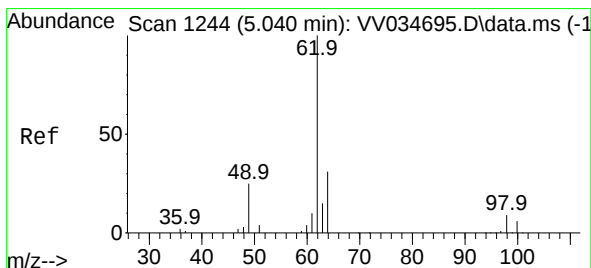
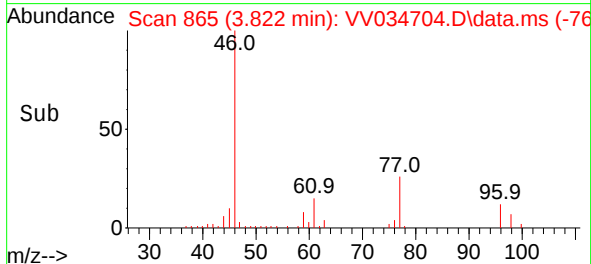
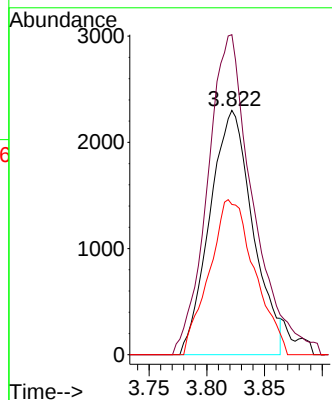
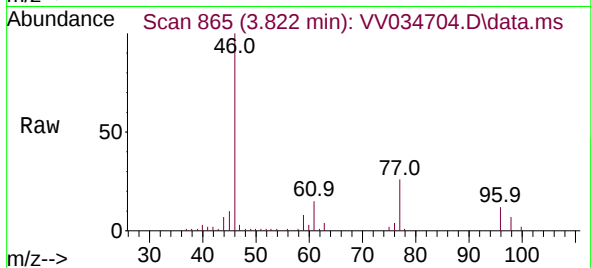




#20
 cis-1,2-Dichloroethene
 Concen: 2.698 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.010 min
 Lab File: VV034704.D
 Acq: 18 Mar 2024 18:43

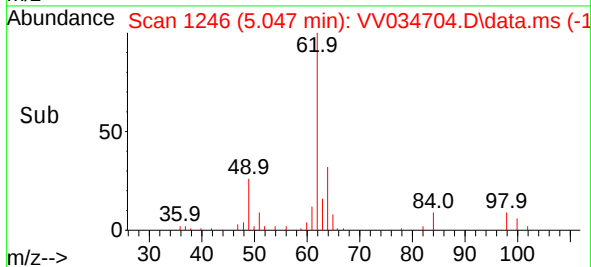
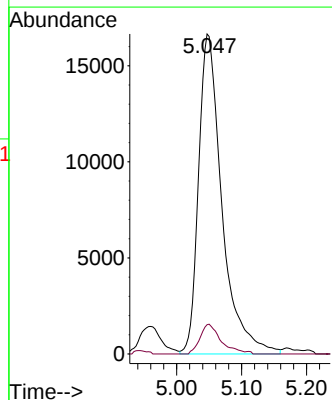
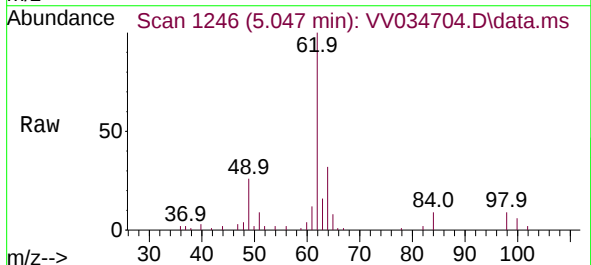
Instrument :
 MSVOA_V
 ClientSampleId :

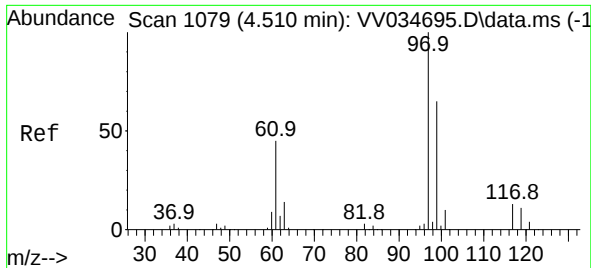
Tgt Ion: 96 Resp: 5986
 Ion Ratio Lower Upper
 96 100
 61 131.0 96.0 178.4
 98 61.5 46.0 85.4



#27
 1,2-Dichloroethane
 Concen: 12.376 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. 0.007 min
 Lab File: VV034704.D
 Acq: 18 Mar 2024 18:43

Tgt Ion: 62 Resp: 41756
 Ion Ratio Lower Upper
 62 100
 98 9.2 6.6 10.0





#30

1,1,1-Trichloroethane

Concen: 43.837 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034704.D

Acq: 18 Mar 2024 18:43

Instrument :

MSVOA_V

ClientSampleId :

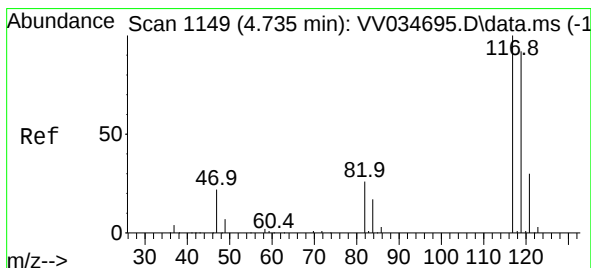
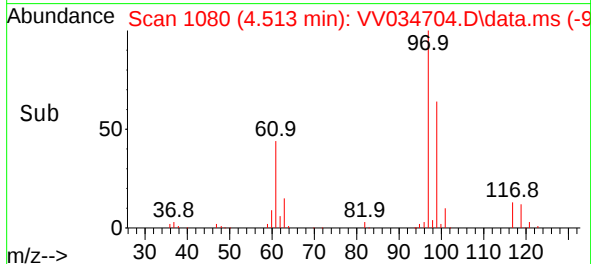
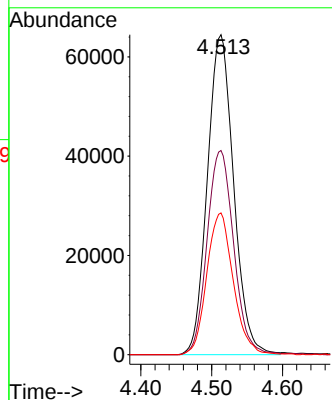
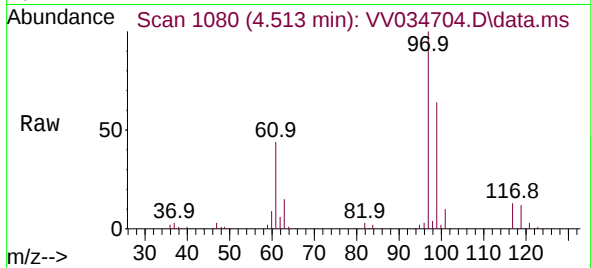
Tgt Ion: 97 Resp: 166395

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 44.6 36.0 54.0



#31

Carbon tetrachloride

Concen: 6.180 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.222 min

Lab File: VV034704.D

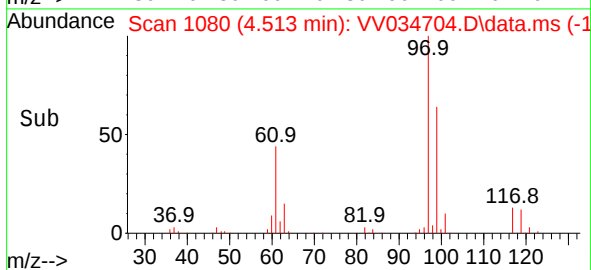
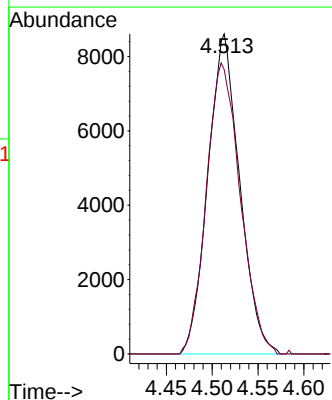
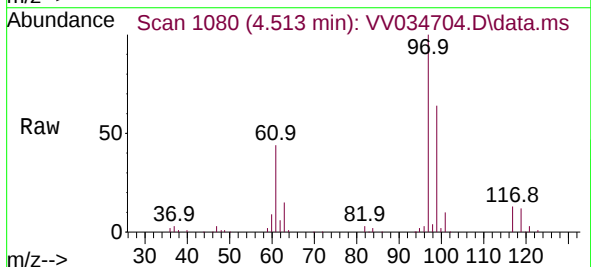
Acq: 18 Mar 2024 18:43

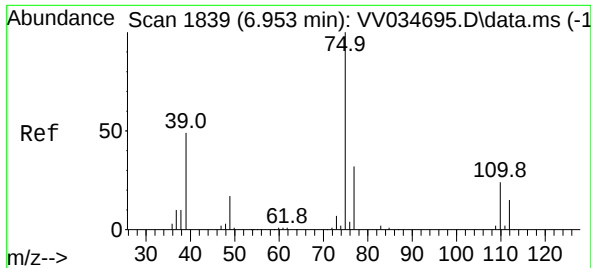
Tgt Ion: 117 Resp: 20768

Ion Ratio Lower Upper

117 100

119 96.8 77.5 116.3

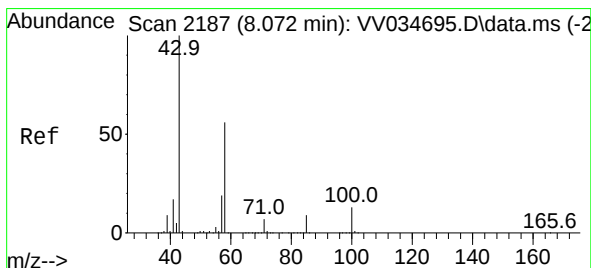
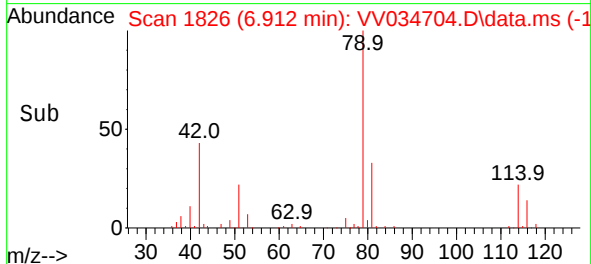
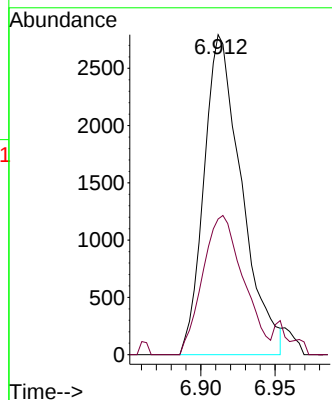
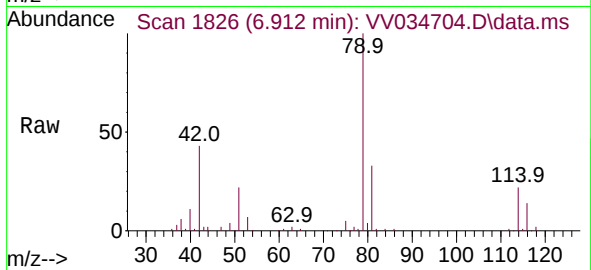




#39
cis-1,3-Dichloropropene
Concen: 1.410 ug/L
RT: 6.912 min Scan# 11
Delta R.T. -0.042 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4914
Ion Ratio Lower Upper
75 100
77 42.4 20.9 38.9#



#48
2-Hexanone
Concen: 5.679 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.048 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Tgt Ion: 43 Resp: 14353
Ion Ratio Lower Upper
43 100
58 30.5 42.0 63.0#
57 25.5 15.2 22.8#
100 0.0 10.0 15.0#

