

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034632.D
 Acq On : 15 Mar 2024 03:00
 Operator : SY/MD
 Sample : P1751-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:57:57 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)

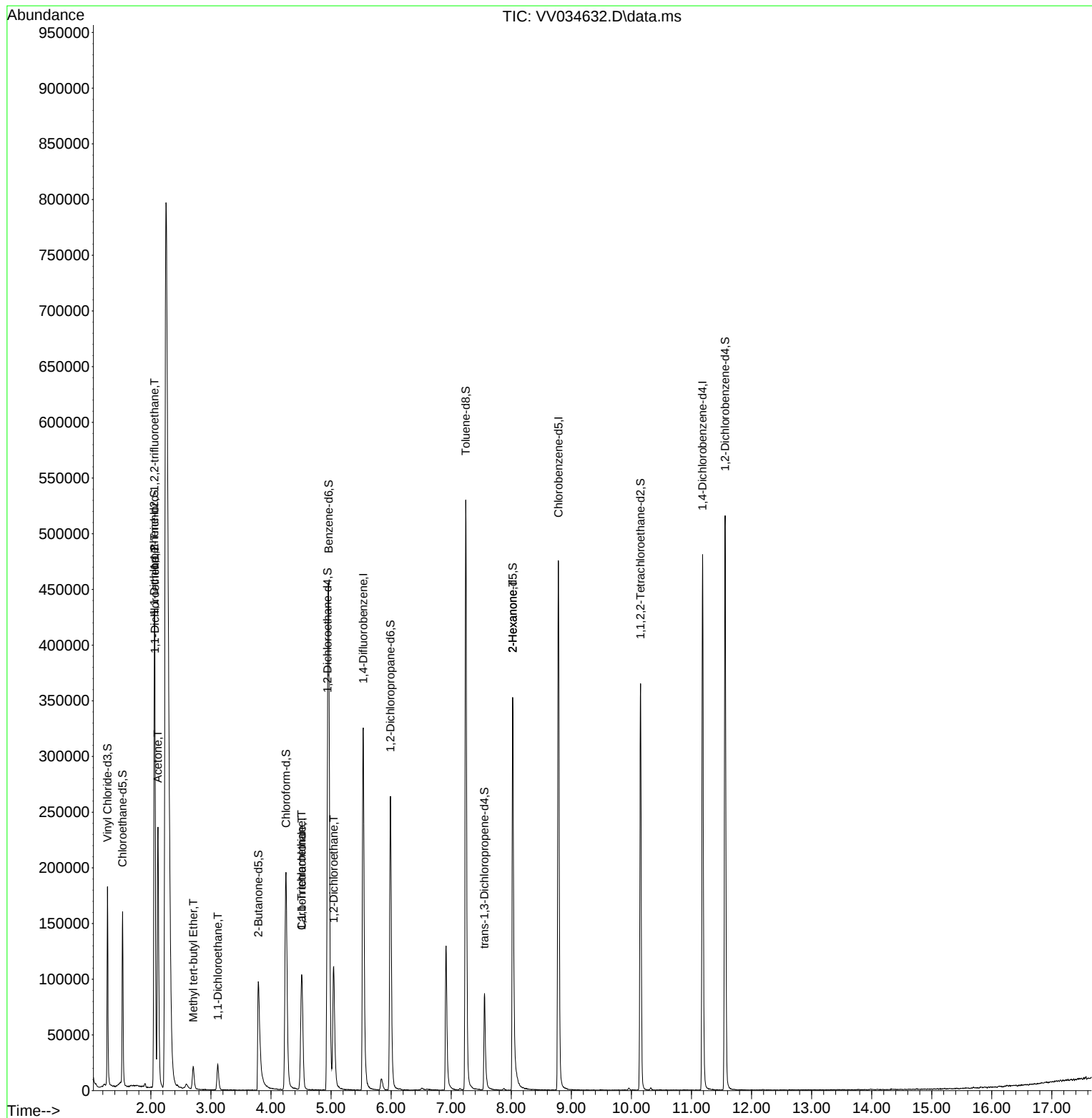
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	281090	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	262304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	123330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	109709	45.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.040%		
7) Chloroethane-d5	1.529	69	92560	48.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.520%		
11) 1,1-Dichloroethene-d2	2.056	65	50418	45.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.500%		
21) 2-Butanone-d5	3.789	46	173236	106.309	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.310%		
24) Chloroform-d	4.249	84	205913	47.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.580%		
26) 1,2-Dichloroethane-d4	4.940	65	140287	49.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.660%		
32) Benzene-d6	4.960	84	399854	50.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.020%		
36) 1,2-Dichloropropane-d6	5.989	67	124508	51.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.080%		
41) Toluene-d8	7.243	98	346869	48.418	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.840%		
43) trans-1,3-Dichloroprop...	7.554	79	52399	43.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.380%		
47) 2-Hexanone-d5	8.024	63	121588	100.785	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.780%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	169386	53.277	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.560%		
66) 1,2-Dichlorobenzene-d4	11.561	152	129180	51.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.480%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	2202	0.970	ug/L #	45
12) 1,1-Dichloroethene	2.069	96	59862	28.441	ug/L #	84
13) Acetone	2.117	43	261571	133.524	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	20842	2.849	ug/L	98
19) 1,1-Dichloroethane	3.114	63	23533	5.897	ug/L	95
27) 1,2-Dichloroethane	5.043	62	106931	31.818	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	87433	23.245	ug/L	100
31) Carbon tetrachloride	4.513	117	11113	3.337	ug/L	97
48) 2-Hexanone	8.024	43	15768	6.295	ug/L #	72

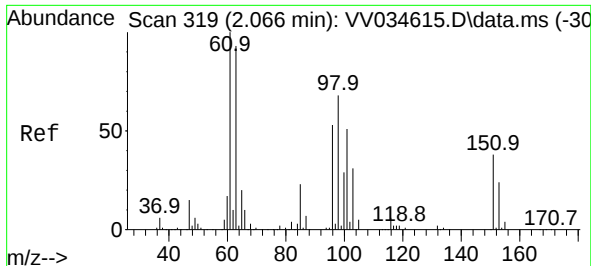
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:40:01 2024
Response via : Initial Calibration





#10

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

Concen: 0.970 ug/L

RT: 2.059 min Scan# 319

Delta R.T. -0.007 min

Lab File: VV034632.D

Acq: 15 Mar 2024 03:00

Instrument :

MSVOA_V

ClientSampleId :

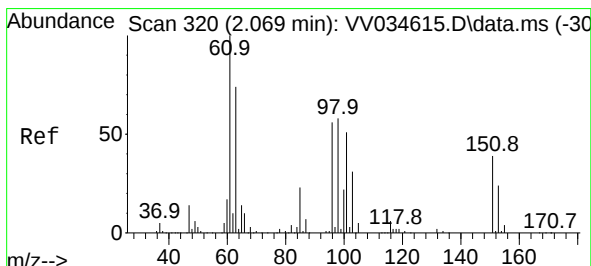
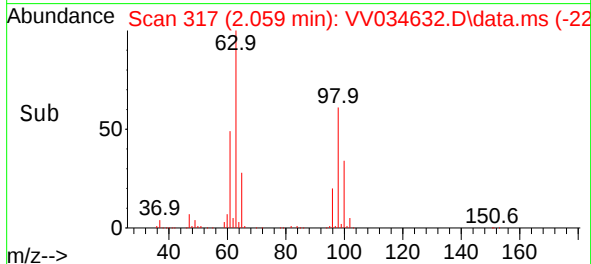
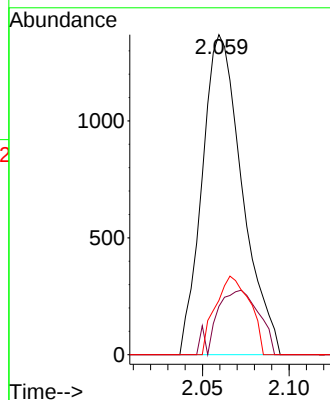
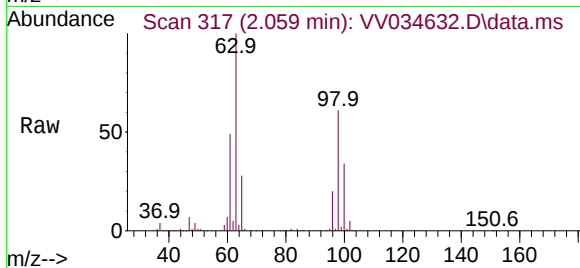
Tgt Ion:101 Resp: 2202

Ion Ratio Lower Upper

101 100

85 20.1 37.4 56.0#

151 21.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 28.441 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034632.D

Acq: 15 Mar 2024 03:00

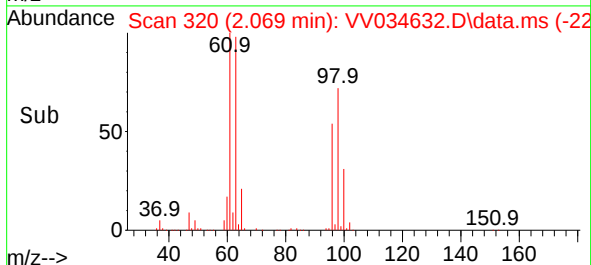
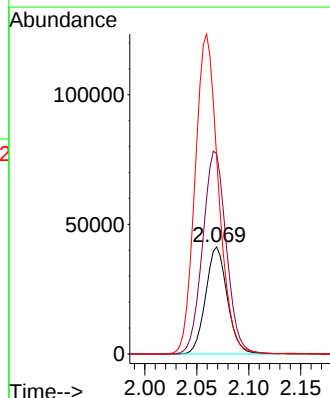
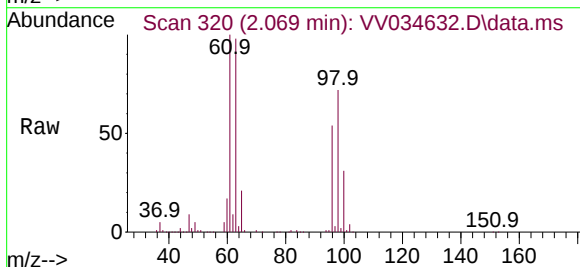
Tgt Ion: 96 Resp: 59862

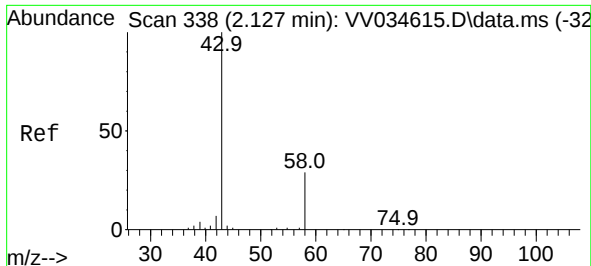
Ion Ratio Lower Upper

96 100

61 186.9 128.9 239.3

63 183.3 98.0 182.0#





#13

Acetone

Concen: 133.524 ug/L

RT: 2.117 min Scan# 338

Delta R.T. -0.010 min

Lab File: VV034632.D

Acq: 15 Mar 2024 03:00

Instrument :

MSVOA_V

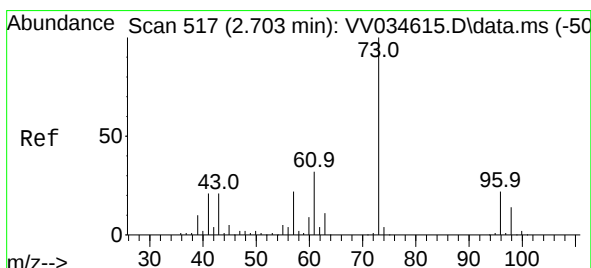
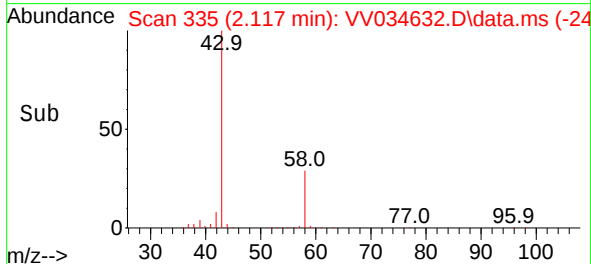
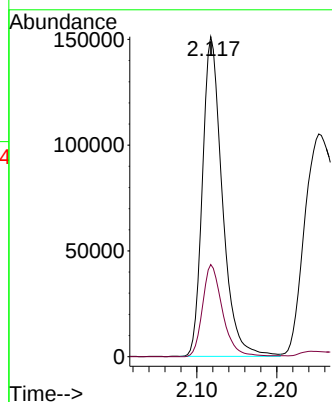
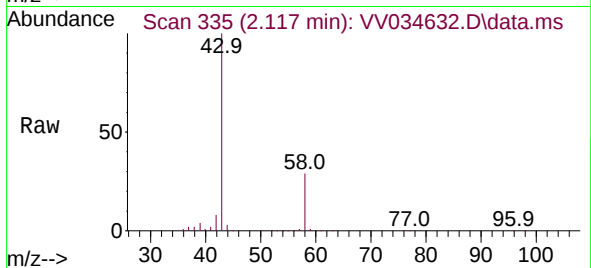
ClientSampleId :

Tgt Ion: 43 Resp: 261571

Ion Ratio Lower Upper

43 100

58 28.9 0.0 57.2



#18

Methyl tert-butyl Ether

Concen: 2.849 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV034632.D

Acq: 15 Mar 2024 03:00

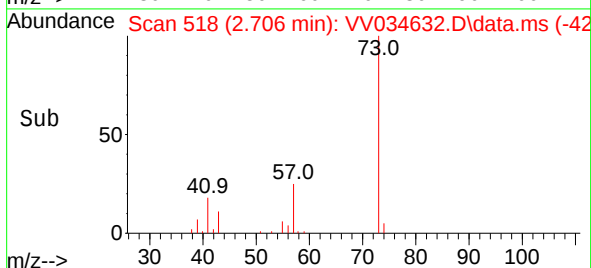
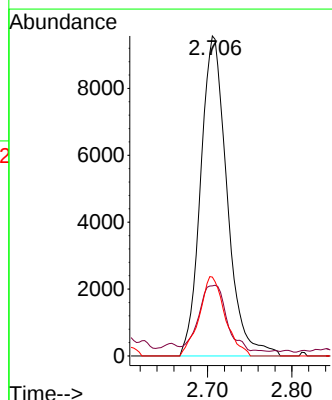
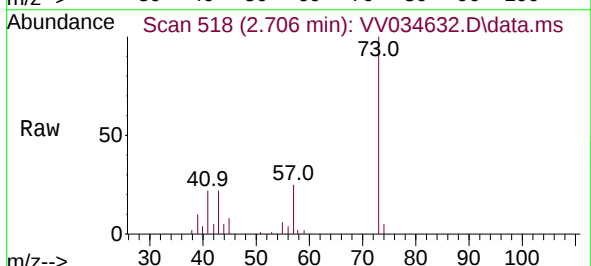
Tgt Ion: 73 Resp: 20842

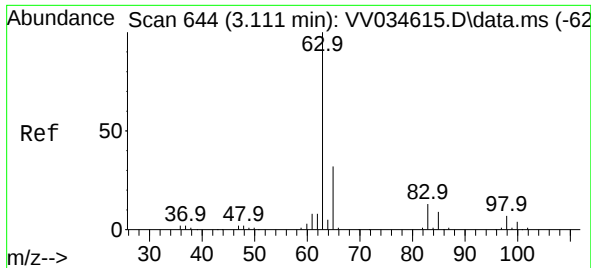
Ion Ratio Lower Upper

73 100

43 21.2 17.1 25.7

57 24.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 5.897 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034632.D

Acq: 15 Mar 2024 03:00

Instrument :

MSVOA_V

ClientSampleId :

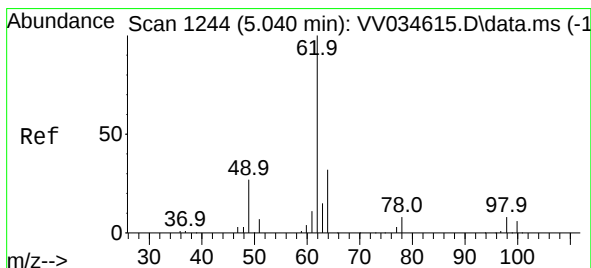
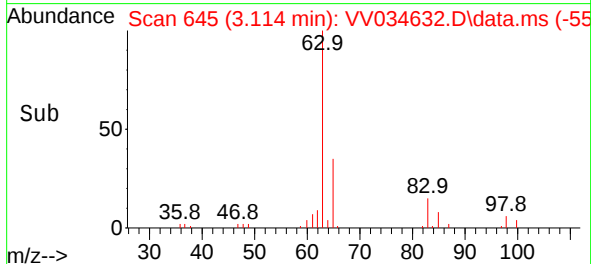
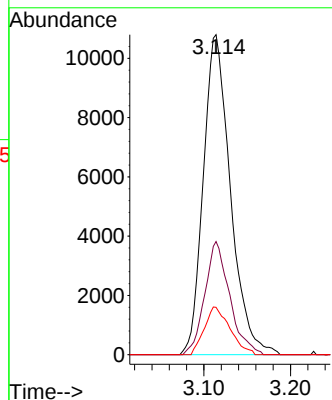
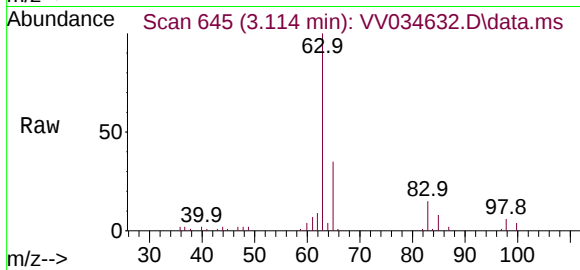
Tgt Ion: 63 Resp: 23533

Ion Ratio Lower Upper

63 100

65 35.4 22.1 41.1

83 14.8 9.9 18.3



#27

1,2-Dichloroethane

Concen: 31.818 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV034632.D

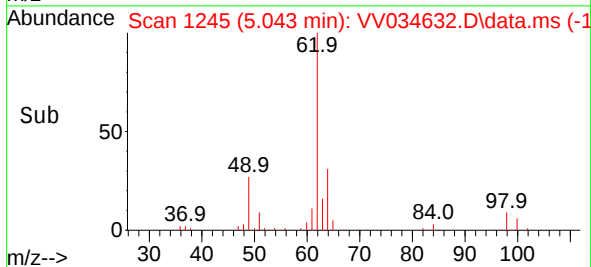
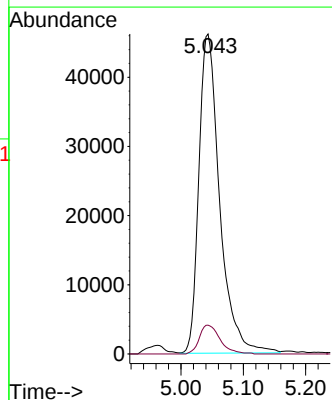
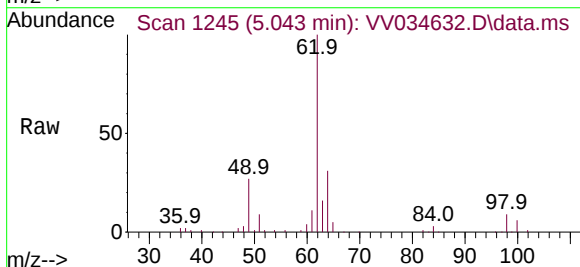
Acq: 15 Mar 2024 03:00

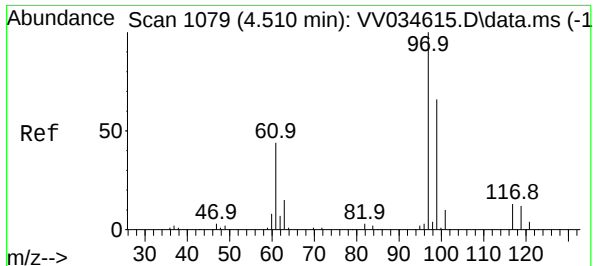
Tgt Ion: 62 Resp: 106931

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0

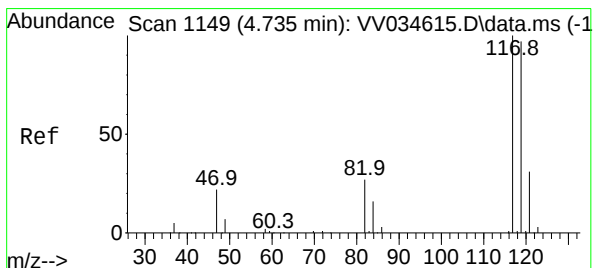
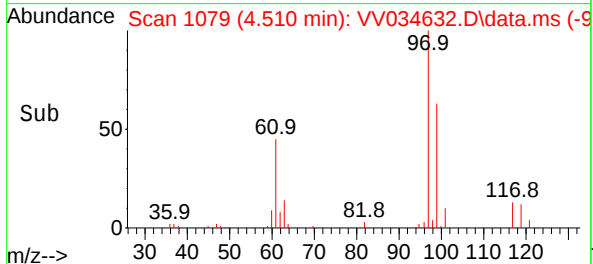
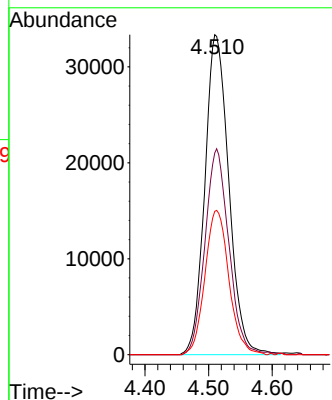
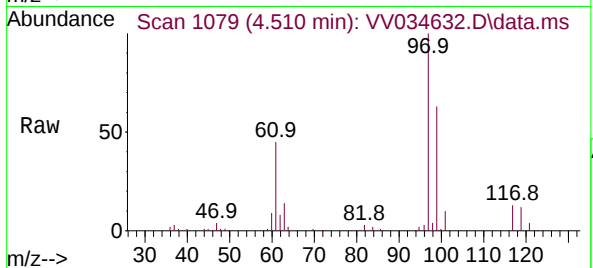




#30
1,1,1-Trichloroethane
Concen: 23.245 ug/L
RT: 4.510 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV034632.D
Acq: 15 Mar 2024 03:00

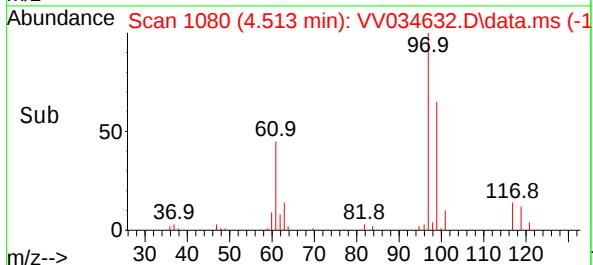
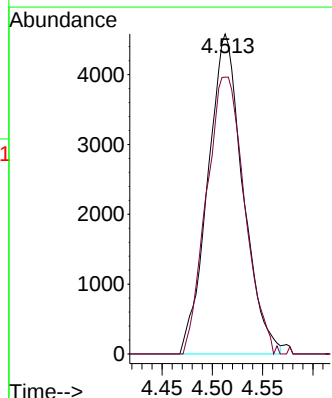
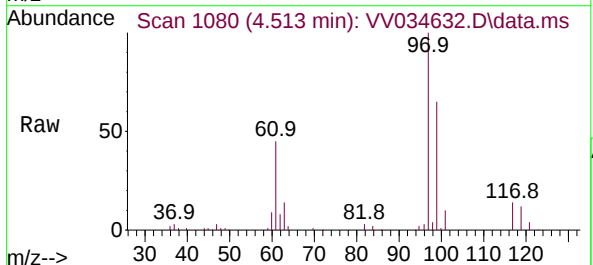
Instrument :
MSVOA_V
ClientSampleId :

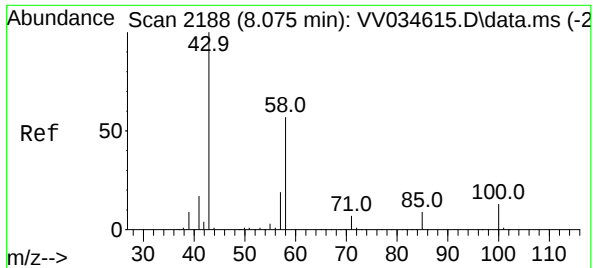
Tgt Ion: 97 Resp: 87433
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 45.2 36.0 54.0



#31
Carbon tetrachloride
Concen: 3.337 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.222 min
Lab File: VV034632.D
Acq: 15 Mar 2024 03:00

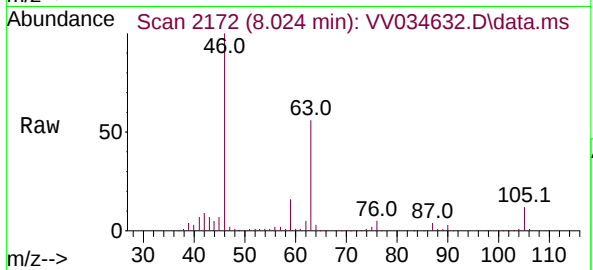
Tgt Ion: 117 Resp: 11113
Ion Ratio Lower Upper
117 100
119 93.8 77.5 116.3





#48
 2-Hexanone
 Concen: 6.295 ug/L
 RT: 8.024 min Scan# 21
 Delta R.T. -0.052 min
 Lab File: VV034632.D
 Acq: 15 Mar 2024 03:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 15768
Ion Ratio	Lower Upper
43	100
58	29.6 42.0 63.0#
57	24.6 15.2 22.8#
100	0.6 10.0 15.0#

