

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034631.D
 Acq On : 15 Mar 2024 02:36
 Operator : SY/MD
 Sample : P1751-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:57:42 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)

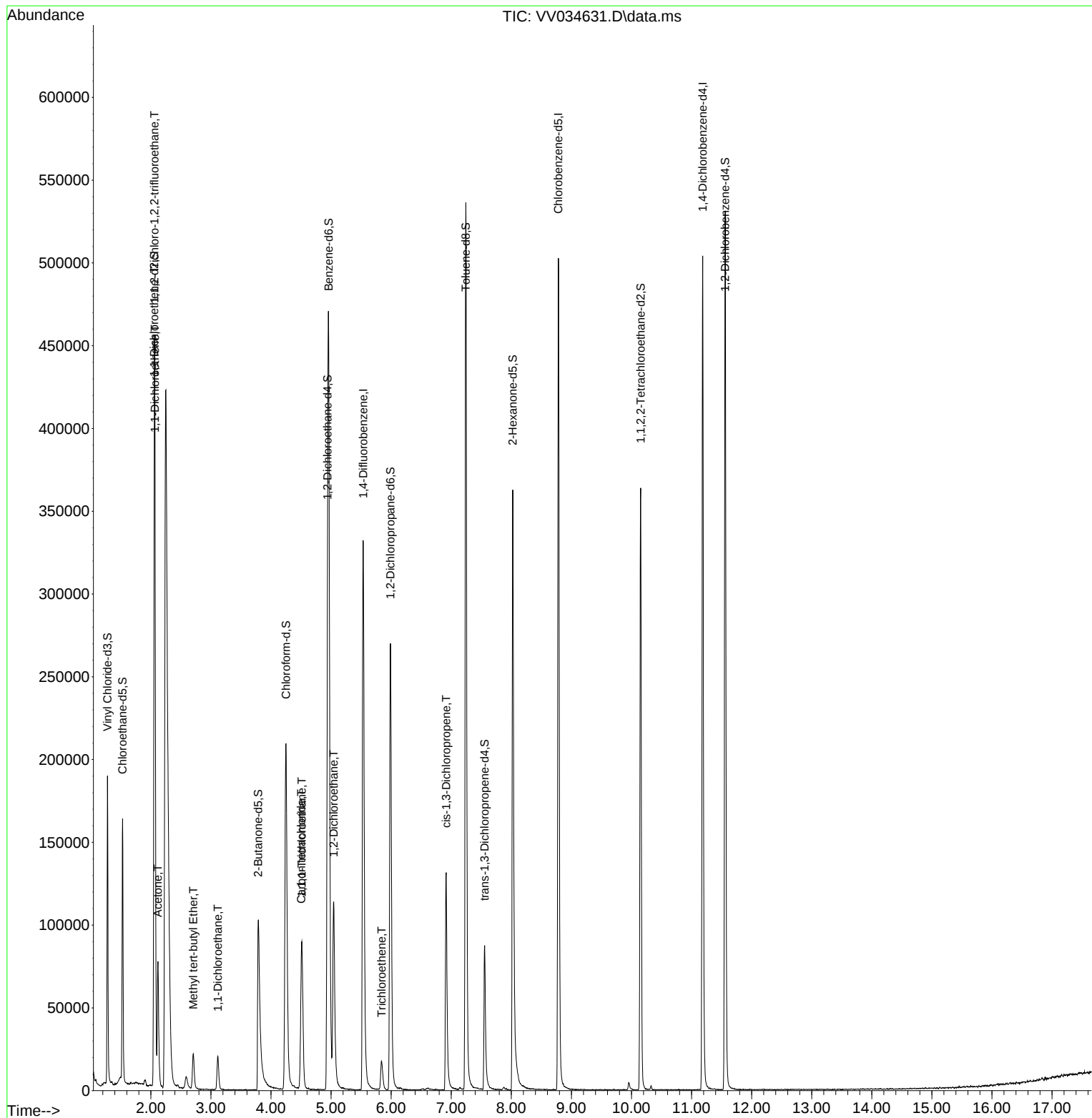
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	285963	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	268550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	127079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112755	45.484	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.960%		
7) Chloroethane-d5	1.529	69	96290	49.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.720%		
11) 1,1-Dichloroethene-d2	2.056	65	52787	47.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.160%		
21) 2-Butanone-d5	3.786	46	177870	107.293	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.290%		
24) Chloroform-d	4.249	84	215581	49.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.360%		
26) 1,2-Dichloroethane-d4	4.940	65	143649	50.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.300%		
32) Benzene-d6	4.960	84	407694	50.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.600%		
36) 1,2-Dichloropropane-d6	5.989	67	128902	52.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.220%		
41) Toluene-d8	7.243	98	353027	48.132	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.260%		
43) trans-1,3-Dichloroprop...	7.555	79	51477	41.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.880%		
47) 2-Hexanone-d5	8.024	63	124323	100.655	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.660%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	171896	52.809	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.620%		
66) 1,2-Dichlorobenzene-d4	11.561	152	132913	51.169	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.340%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2111	0.914	ug/L #	38
12) 1,1-Dichloroethene	2.069	96	63218	29.523	ug/L #	79
13) Acetone	2.117	43	80221	40.252	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	21268	2.858	ug/L	97
19) 1,1-Dichloroethane	3.114	63	20947	5.159	ug/L	99
27) 1,2-Dichloroethane	5.043	62	110354	32.277	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	74534	19.355	ug/L	99
31) Carbon tetrachloride	4.506	117	8974	2.632	ug/L	98
34) Trichloroethene	5.841	95	5284	2.230	ug/L	95
39) cis-1,3-Dichloropropene	6.915	75	4207	1.190	ug/L #	71

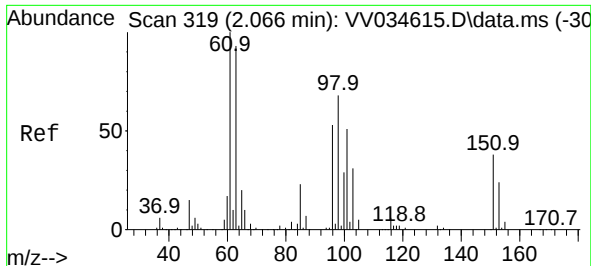
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.914 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

Lab File: VV034631.D

Acq: 15 Mar 2024 02:36

Instrument :

MSVOA_V

ClientSampleId :

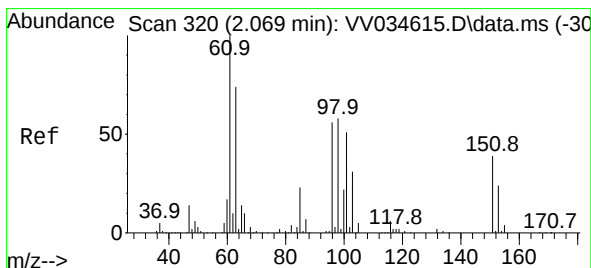
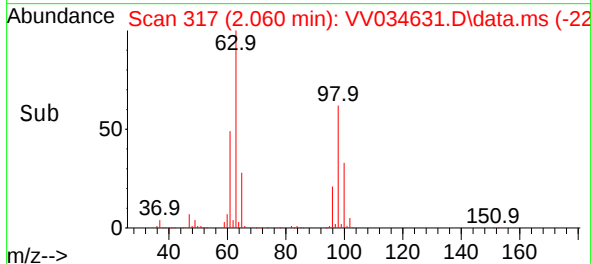
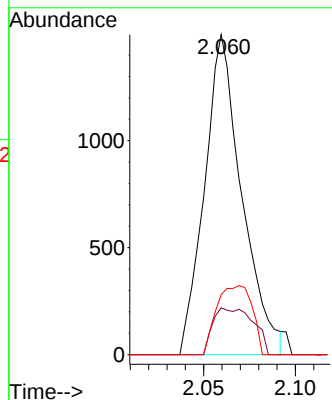
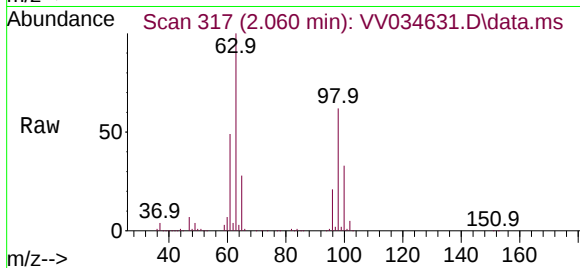
Tgt Ion:101 Resp: 2111

Ion Ratio Lower Upper

101 100

85 8.3 37.4 56.0#

151 20.5 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 29.523 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034631.D

Acq: 15 Mar 2024 02:36

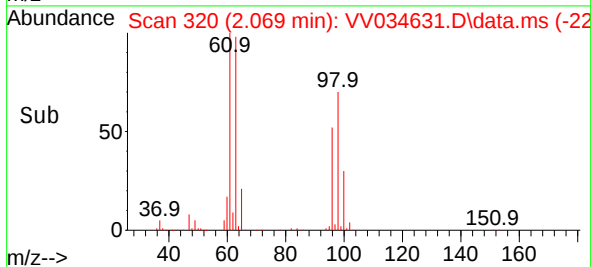
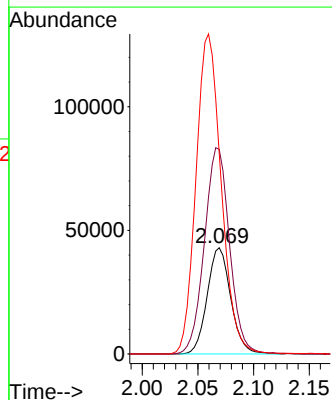
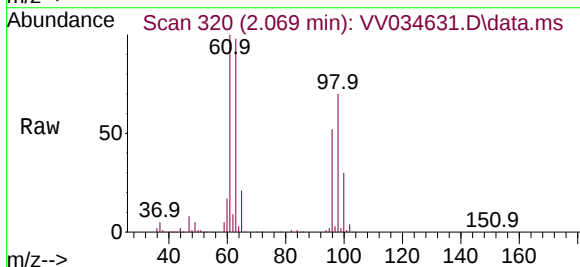
Tgt Ion: 96 Resp: 63218

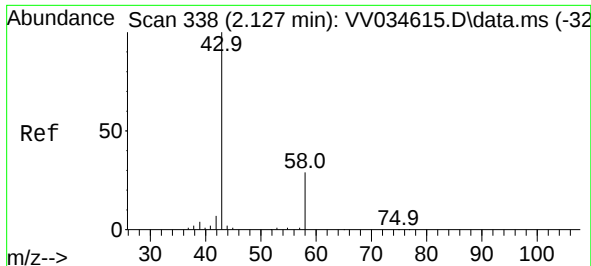
Ion Ratio Lower Upper

96 100

61 192.8 128.9 239.3

63 188.7 98.0 182.0#





#13

Acetone

Concen: 40.252 ug/L

RT: 2.117 min Scan# 338

Delta R.T. -0.010 min

Lab File: VV034631.D

Acq: 15 Mar 2024 02:36

Instrument :

MSVOA_V

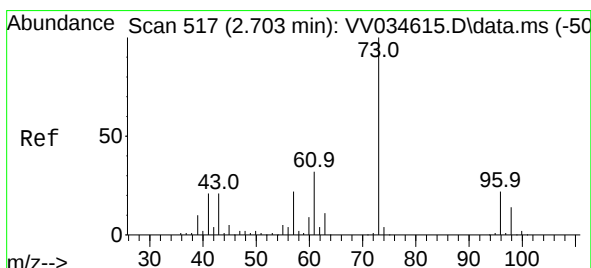
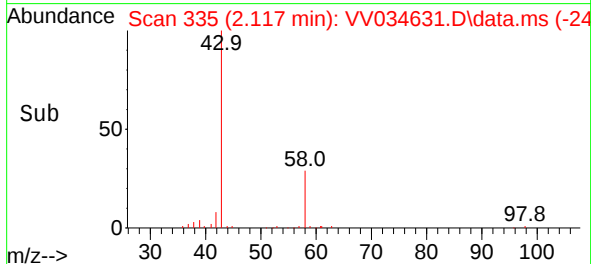
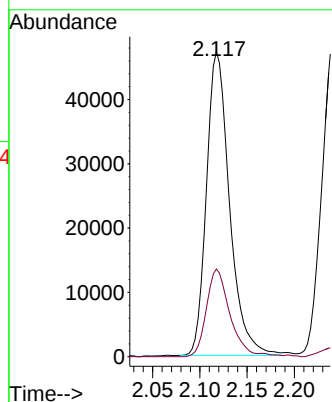
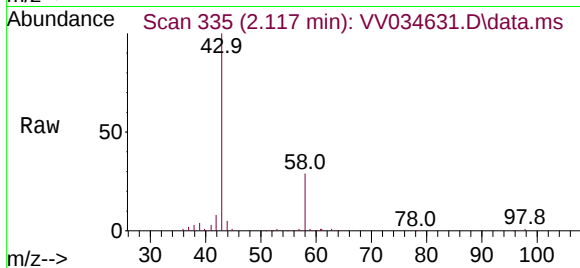
ClientSampleId :

Tgt Ion: 43 Resp: 80221

Ion Ratio Lower Upper

43 100

58 28.9 0.0 57.2



#18

Methyl tert-butyl Ether

Concen: 2.858 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV034631.D

Acq: 15 Mar 2024 02:36

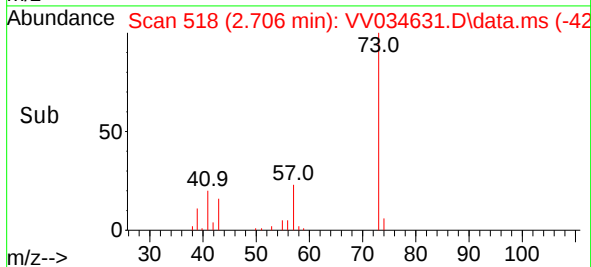
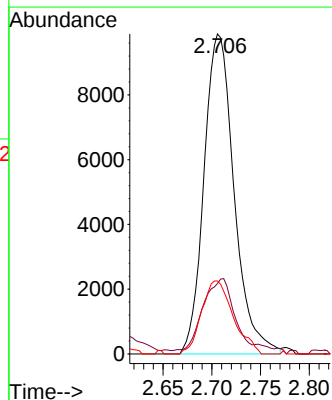
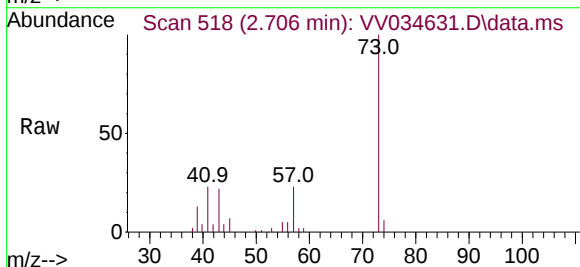
Tgt Ion: 73 Resp: 21268

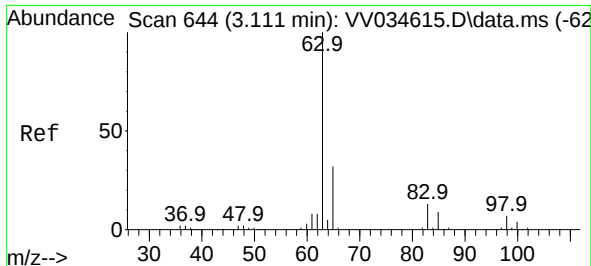
Ion Ratio Lower Upper

73 100

43 22.0 17.1 25.7

57 23.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 5.159 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034631.D

Acq: 15 Mar 2024 02:36

Instrument :

MSVOA_V

ClientSampleId :

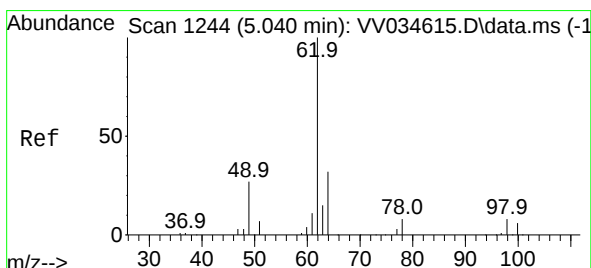
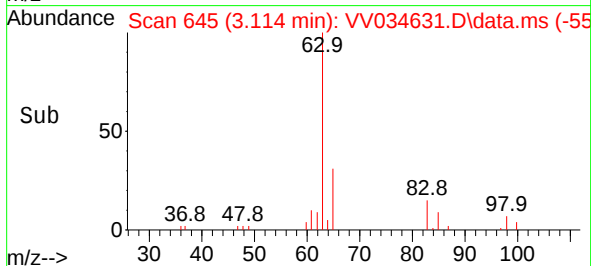
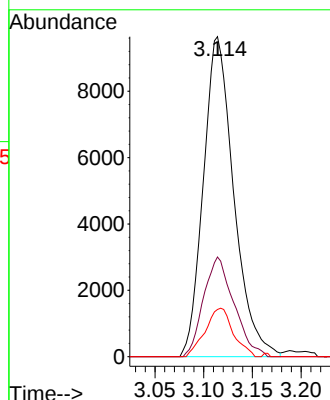
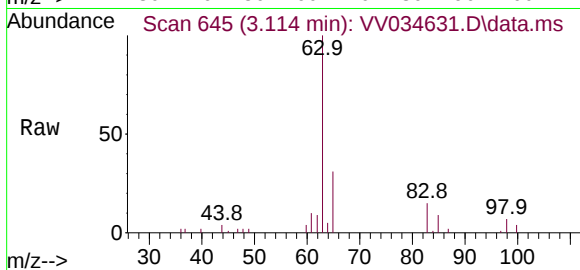
Tgt Ion: 63 Resp: 20947

Ion Ratio Lower Upper

63 100

65 31.2 22.1 41.1

83 14.7 9.9 18.3



#27

1,2-Dichloroethane

Concen: 32.277 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV034631.D

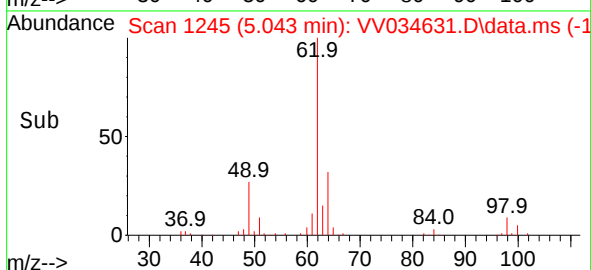
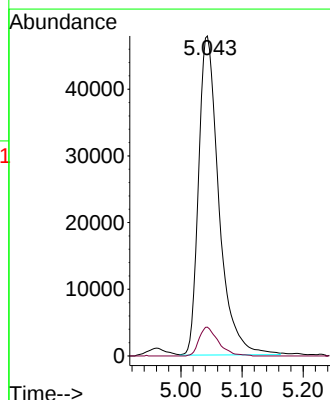
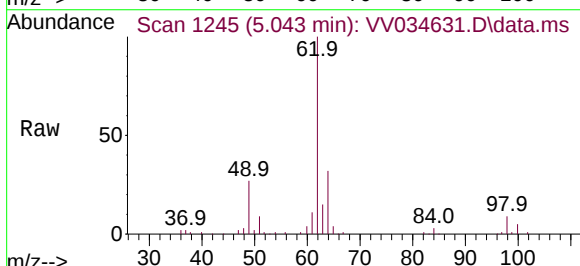
Acq: 15 Mar 2024 02:36

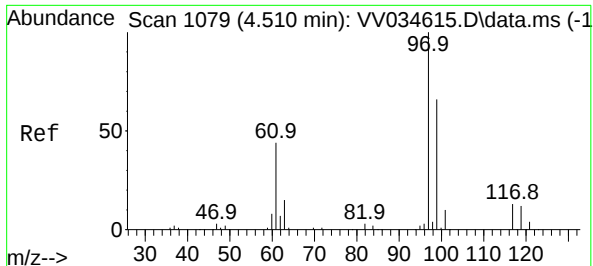
Tgt Ion: 62 Resp: 110354

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0

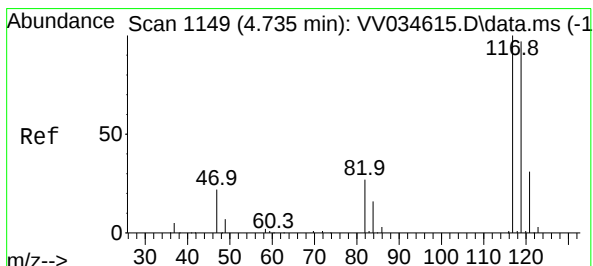
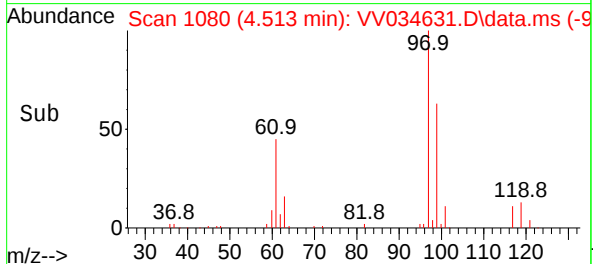
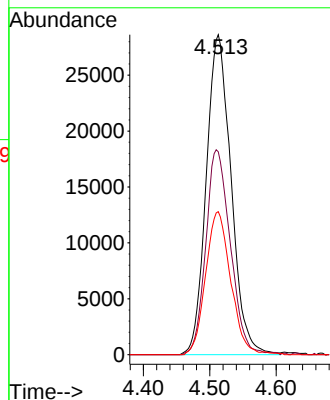
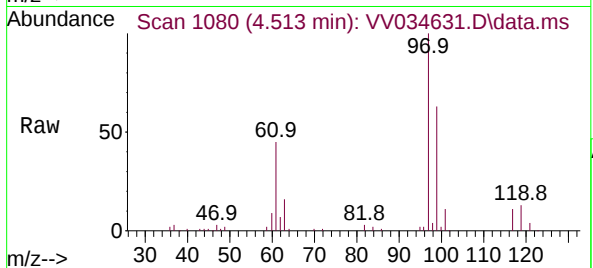




#30
1,1,1-Trichloroethane
Concen: 19.355 ug/L
RT: 4.513 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VV034631.D
Acq: 15 Mar 2024 02:36

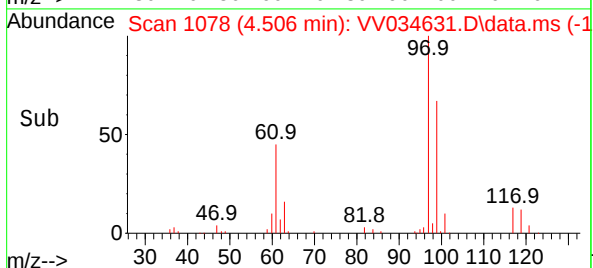
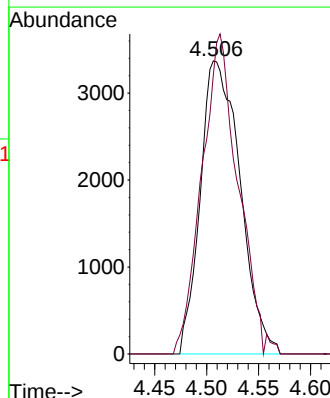
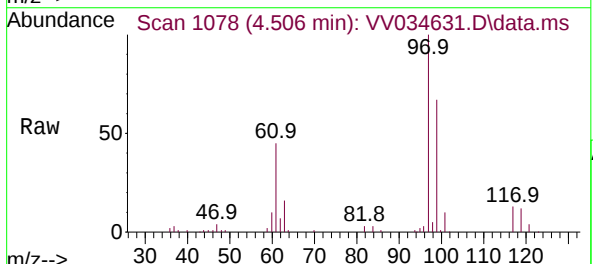
Instrument :
MSVOA_V
ClientSampleId :

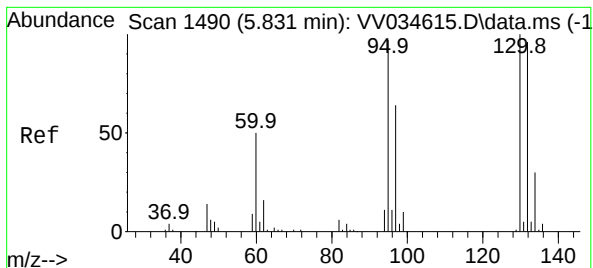
Tgt Ion: 97 Resp: 74534
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 44.8 36.0 54.0



#31
Carbon tetrachloride
Concen: 2.632 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. -0.228 min
Lab File: VV034631.D
Acq: 15 Mar 2024 02:36

Tgt Ion:117 Resp: 8974
Ion Ratio Lower Upper
117 100
119 98.9 77.5 116.3





#34

Trichloroethene

Concen: 2.230 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

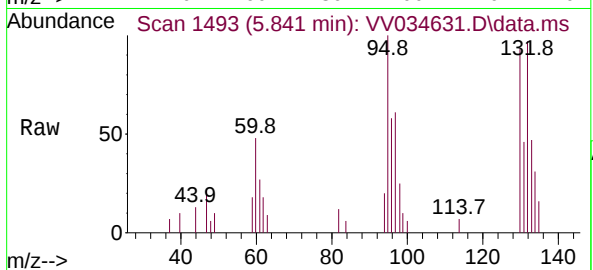
Lab File: VV034631.D

Acq: 15 Mar 2024 02:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 5284

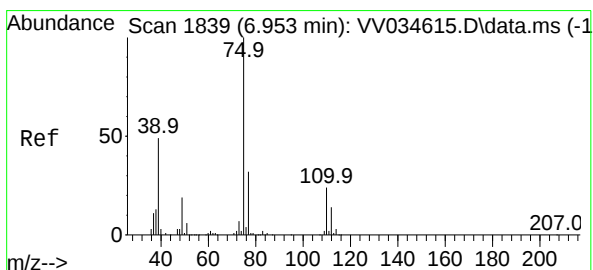
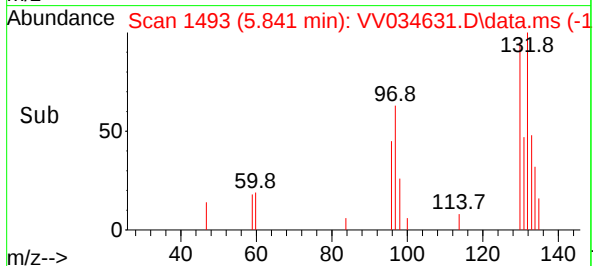
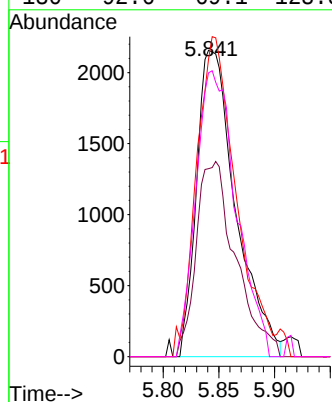
Ion Ratio Lower Upper

95 100

97 61.3 44.7 83.1

132 97.1 65.3 121.3

130 92.6 69.1 128.3



#39

cis-1,3-Dichloropropene

Concen: 1.190 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.039 min

Lab File: VV034631.D

Acq: 15 Mar 2024 02:36

Tgt Ion: 75 Resp: 4207

Ion Ratio Lower Upper

75 100

77 45.6 20.9 38.9#

