

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034651.D
 Acq On : 15 Mar 2024 14:19
 Operator : SY/MD
 Sample : P1752-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 23:34:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

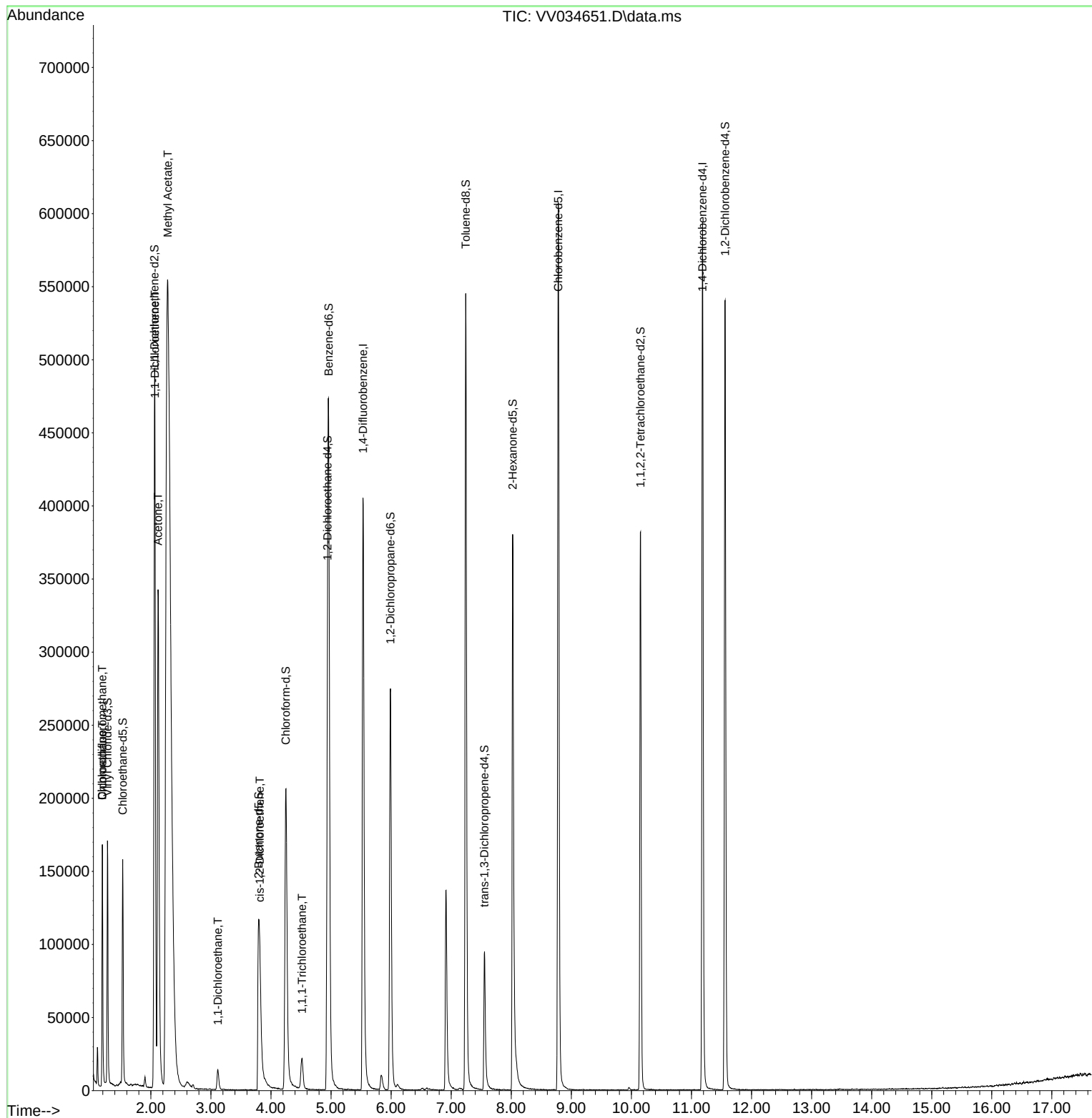
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	350519	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151683	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104324	34.333	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.660%		
7) Chloroethane-d5	1.532	69	92570	39.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.200%		
11) 1,1-Dichloroethene-d2	2.060	65	51555	37.516	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.040%		
21) 2-Butanone-d5	3.793	46	191364	94.173	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.170%		
24) Chloroform-d	4.246	84	216382	40.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.540%		
26) 1,2-Dichloroethane-d4	4.941	65	146766	41.803	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.600%		
32) Benzene-d6	4.960	84	410129	41.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.820%		
36) 1,2-Dichloropropane-d6	5.989	67	132253	44.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.580%		
41) Toluene-d8	7.243	98	359041	40.546	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.100%		
43) trans-1,3-Dichloroprop...	7.555	79	56774	37.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.720%		
47) 2-Hexanone-d5	8.024	63	131734	88.342	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.340%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	179877	45.772	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.540%		
66) 1,2-Dichlorobenzene-d4	11.561	152	138891	44.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.192	85	12112	3.294	ug/L	98
8) Chloroethane	1.192	64	7209	3.459	ug/L	96
12) 1,1-Dichloroethene	2.069	96	81669	31.116	ug/L	92
13) Acetone	2.121	43	434840	178.005	ug/L	98
15) Methyl Acetate	2.281	43	418086	133.778	ug/L #	53
19) 1,1-Dichloroethane	3.114	63	14422	2.898	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	23328	8.463	ug/L	89
30) 1,1,1-Trichloroethane	4.516	97	17797	3.828	ug/L	99

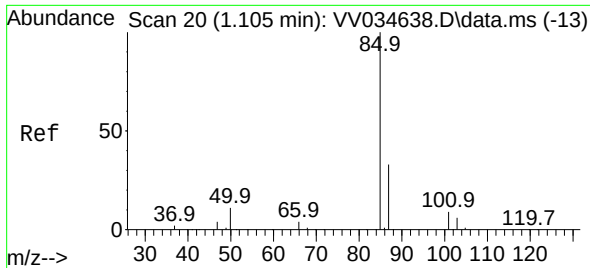
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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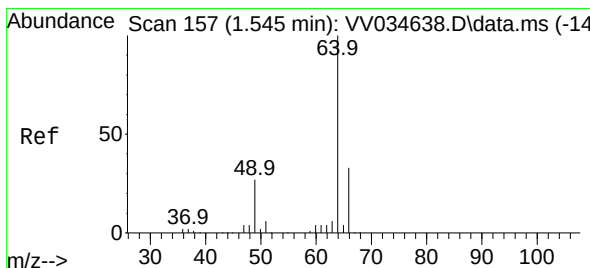
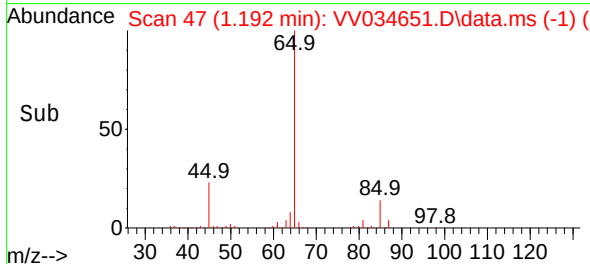
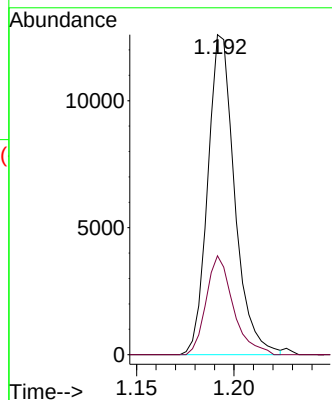
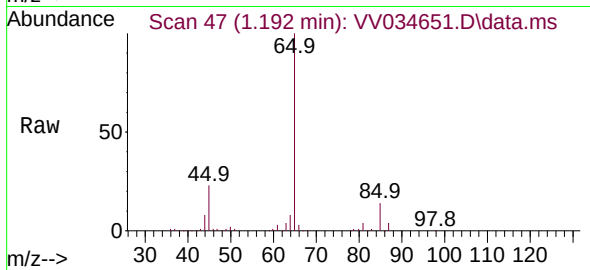




#2
Dichlorodifluoromethane
Concen: 3.294 ug/L
RT: 1.192 min Scan# 47
Delta R.T. 0.087 min
Lab File: VV034651.D
Acq: 15 Mar 2024 14:19

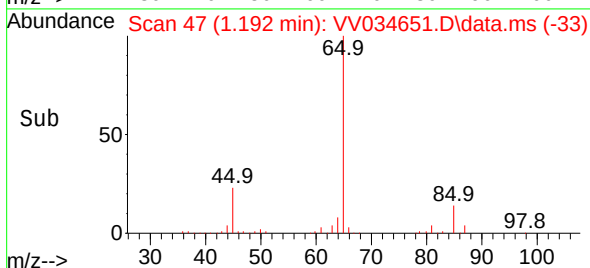
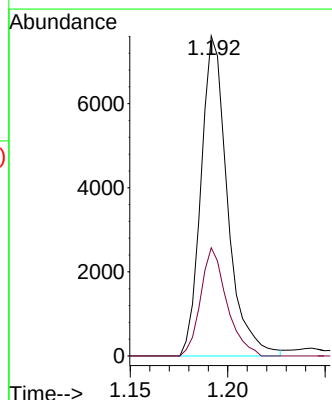
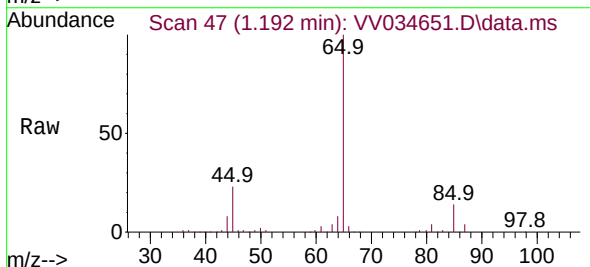
Instrument :
MSVOA_V
ClientSampleId :

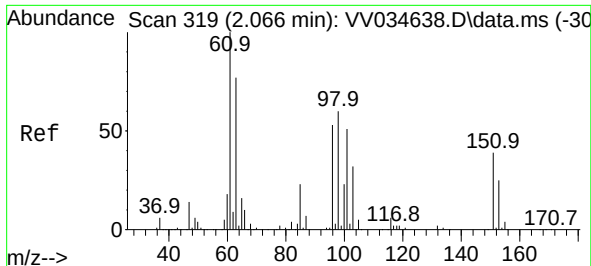
Tgt Ion: 85 Resp: 12112
Ion Ratio Lower Upper
85 100
87 30.9 25.5 38.3



#8
Chloroethane
Concen: 3.459 ug/L
RT: 1.192 min Scan# 47
Delta R.T. -0.354 min
Lab File: VV034651.D
Acq: 15 Mar 2024 14:19

Tgt Ion: 64 Resp: 7209
Ion Ratio Lower Upper
64 100
66 33.8 22.0 40.8





#12

1,1-Dichloroethene

Concen: 31.116 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034651.D

Acq: 15 Mar 2024 14:19

Instrument :

MSVOA_V

ClientSampleId :

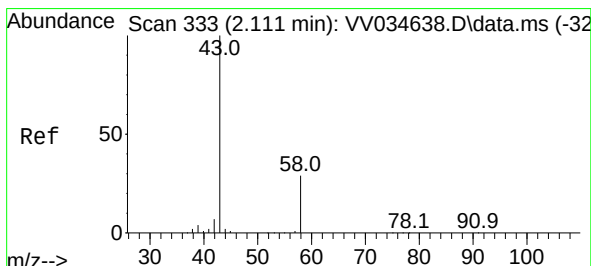
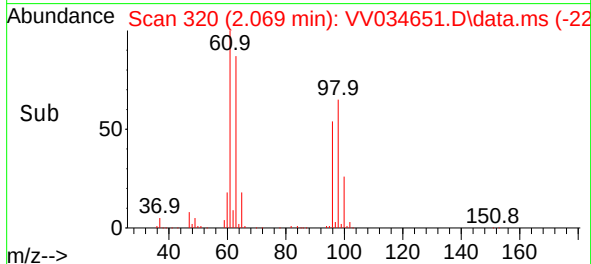
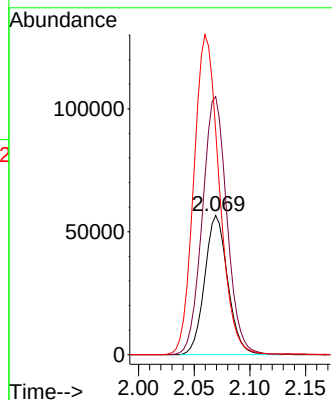
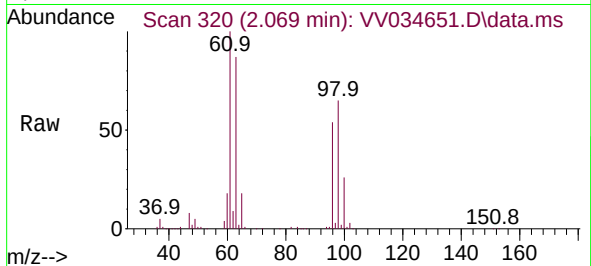
Tgt Ion: 96 Resp: 81669

Ion Ratio Lower Upper

96 100

61 185.5 128.9 239.3

63 160.8 98.0 182.0



#13

Acetone

Concen: 178.005 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.010 min

Lab File: VV034651.D

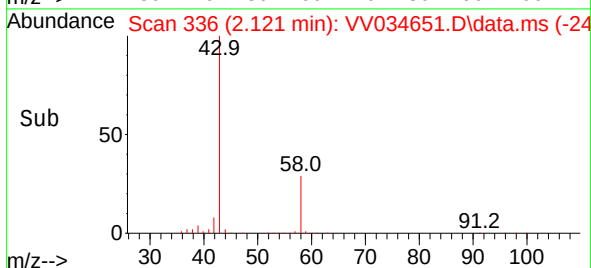
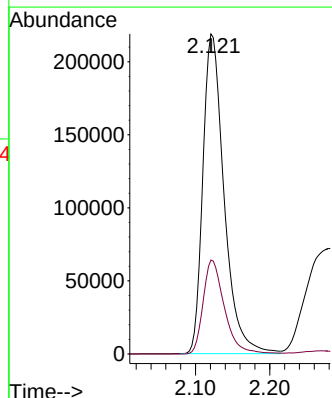
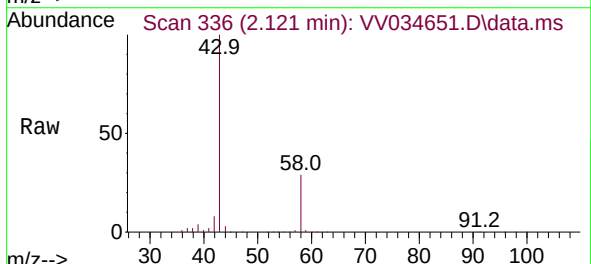
Acq: 15 Mar 2024 14:19

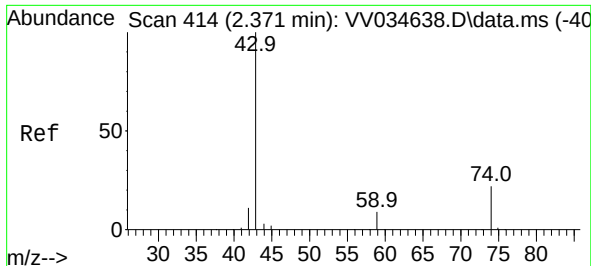
Tgt Ion: 43 Resp: 434840

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.2





#15

Methyl Acetate

Concen: 133.778 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.090 min

Lab File: VV034651.D

Acq: 15 Mar 2024 14:19

Instrument :

MSVOA_V

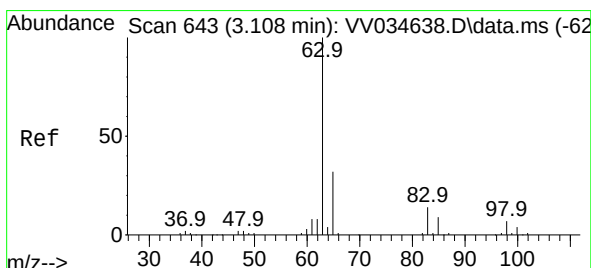
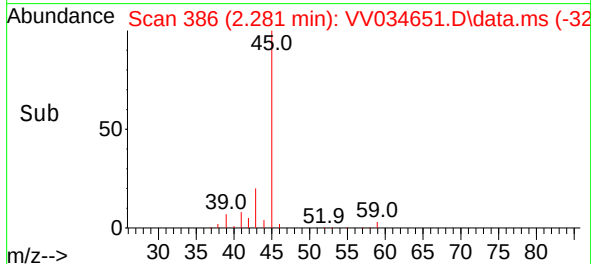
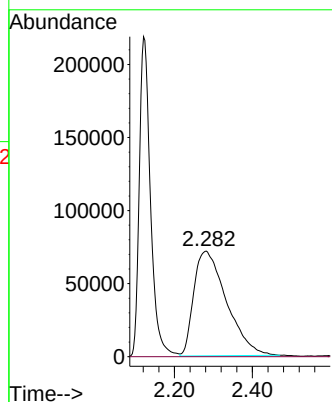
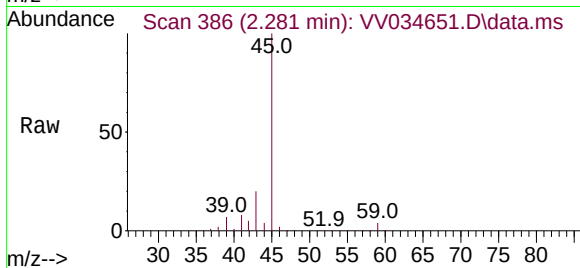
ClientSampleId :

Tgt Ion: 43 Resp: 418086

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

1,1-Dichloroethane

Concen: 2.898 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.007 min

Lab File: VV034651.D

Acq: 15 Mar 2024 14:19

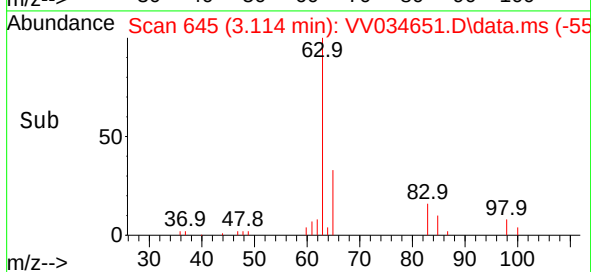
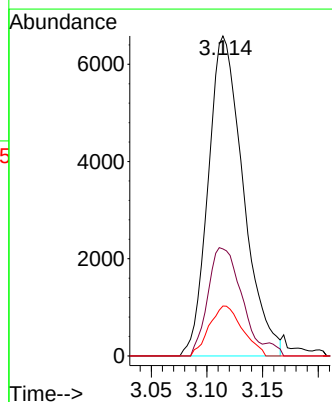
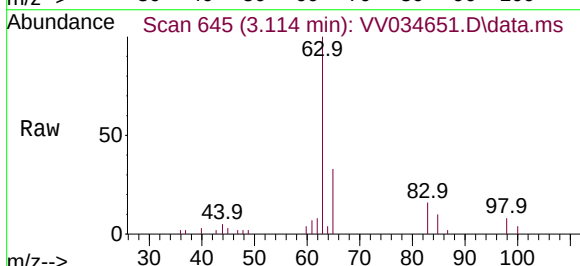
Tgt Ion: 63 Resp: 14422

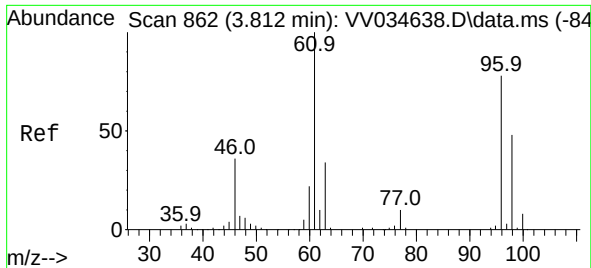
Ion Ratio Lower Upper

63 100

65 33.4 22.1 41.1

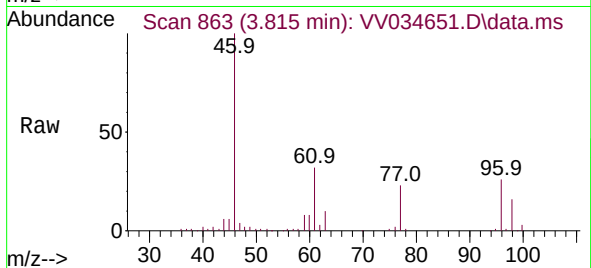
83 15.6 9.9 18.3



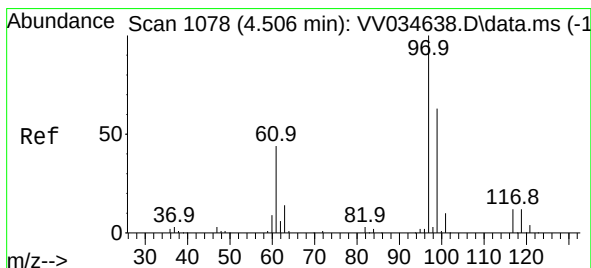
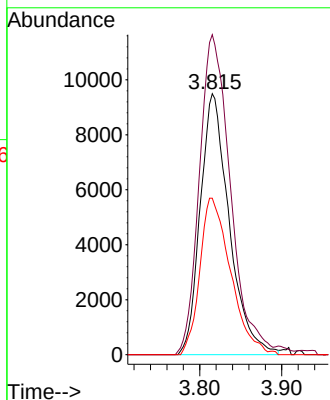
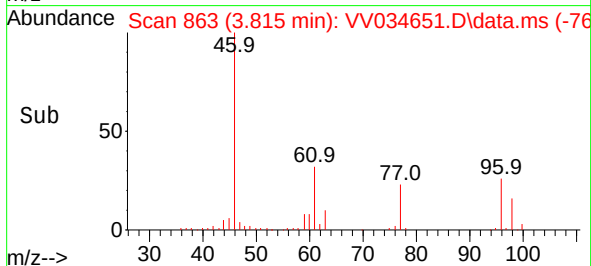


#20
 cis-1,2-Dichloroethene
 Concen: 8.463 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV034651.D
 Acq: 15 Mar 2024 14:19

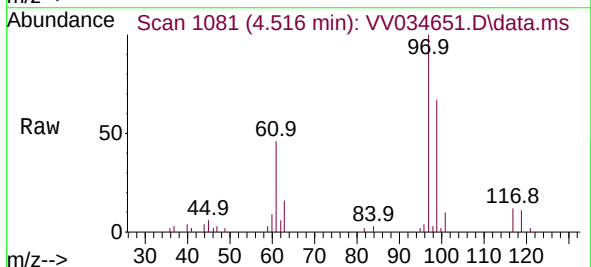
Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 23328
 Ion Ratio Lower Upper
 96 100
 61 122.6 96.0 178.4
 98 59.9 46.0 85.4



#30
 1,1,1-Trichloroethane
 Concen: 3.828 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.010 min
 Lab File: VV034651.D
 Acq: 15 Mar 2024 14:19



Tgt Ion: 97 Resp: 17797
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.3 76.9
 61 45.1 36.0 54.0

