

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034621.D
 Acq On : 14 Mar 2024 22:37
 Operator : SY/MD
 Sample : P1751-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:55:18 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)

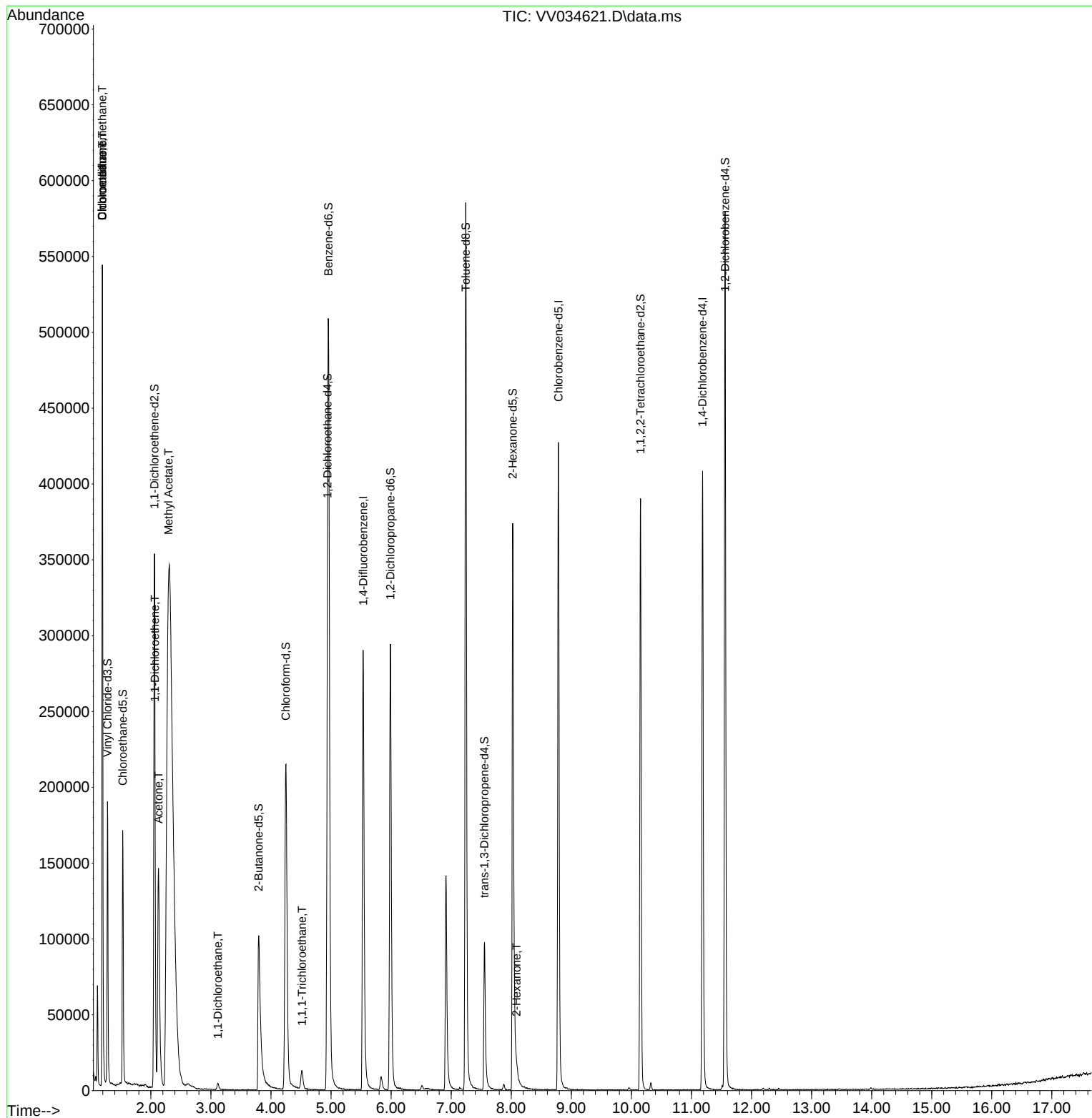
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	253938	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	228472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106385	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	115621	52.522	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 105.040%		
7) Chloroethane-d5	1.532	69	100865	58.812	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 117.620%		
11) 1,1-Dichloroethene-d2	2.060	65	55124	55.369	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 110.740%		
21) 2-Butanone-d5	3.796	46	185469	125.985	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 125.990%		
24) Chloroform-d	4.246	84	233384	59.961	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 119.920%		
26) 1,2-Dichloroethane-d4	4.940	65	157570	61.950	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 123.900%		
32) Benzene-d6	4.957	84	445502	64.609	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 129.220%#		
36) 1,2-Dichloropropane-d6	5.989	67	140071	66.563	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 133.120%#		
41) Toluene-d8	7.243	98	378572	60.669	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 121.340%#		
43) trans-1,3-Dichloroprop...	7.554	79	59326	56.141	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 112.280%		
47) 2-Hexanone-d5	8.024	63	132088	125.701	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 125.700%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	184232	66.527	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 133.060%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	144318	66.367	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 132.740%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.191	85	39352	14.774	ug/L	100
3) Chloromethane	1.191	50	4725	1.805	ug/L #	42
8) Chloroethane	1.191	64	24988	16.547	ug/L	95
12) 1,1-Dichloroethene	2.069	96	15687	8.250	ug/L #	1
13) Acetone	2.127	43	207849	117.445	ug/L	98
15) Methyl Acetate	2.294	43	121169	53.517	ug/L #	53
19) 1,1-Dichloroethane	3.117	63	4739	1.314	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	10249	3.128	ug/L	98
48) 2-Hexanone	8.088	43	9082	4.163	ug/L #	40

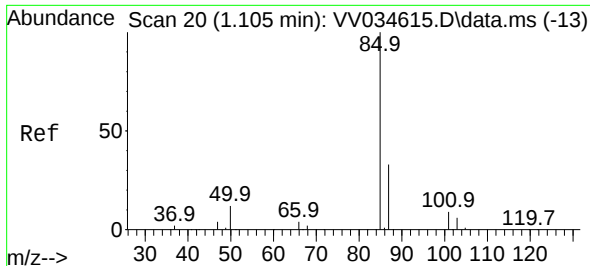
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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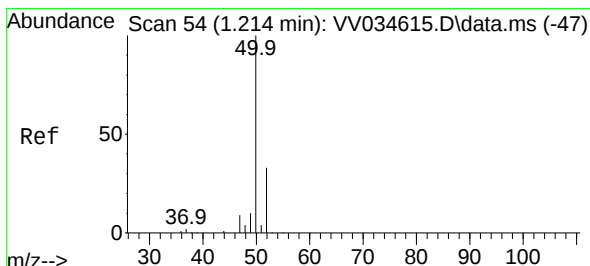
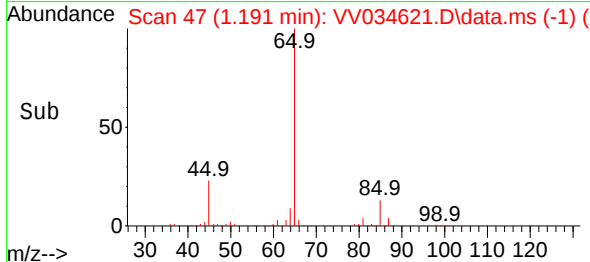
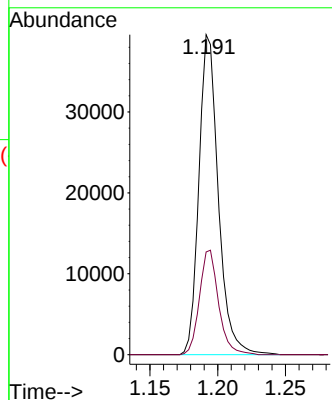
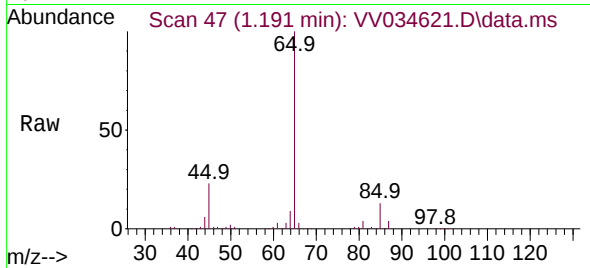




#2
 Dichlorodifluoromethane
 Concen: 14.774 ug/L
 RT: 1.191 min Scan# 47
 Delta R.T. 0.087 min
 Lab File: VV034621.D
 Acq: 14 Mar 2024 22:37

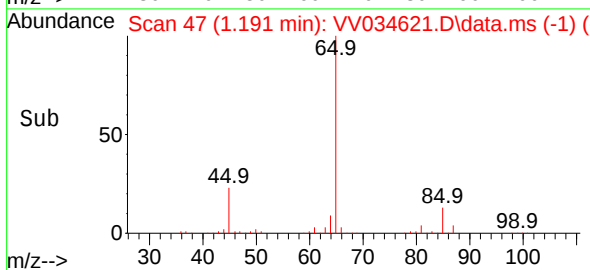
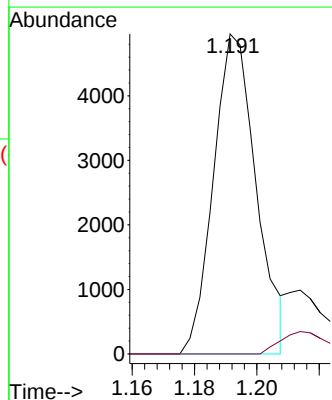
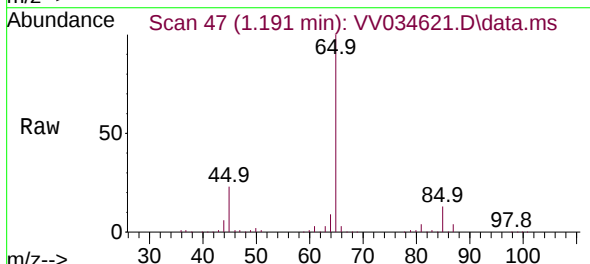
Instrument :
 MSVOA_V
 ClientSampleId :

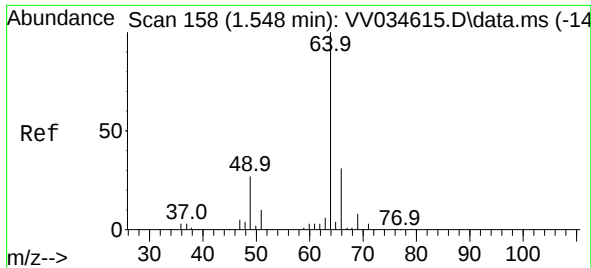
Tgt Ion: 85 Resp: 39352
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.5 38.3



#3
 Chloromethane
 Concen: 1.805 ug/L
 RT: 1.191 min Scan# 47
 Delta R.T. -0.023 min
 Lab File: VV034621.D
 Acq: 14 Mar 2024 22:37

Tgt Ion: 50 Resp: 4725
 Ion Ratio Lower Upper
 50 100
 52 0.0 23.0 42.8#





#8

Chloroethane

Concen: 16.547 ug/L

RT: 1.191 min Scan# 41

Delta R.T. -0.357 min

Lab File: VV034621.D

Acq: 14 Mar 2024 22:37

Instrument :

MSVOA_V

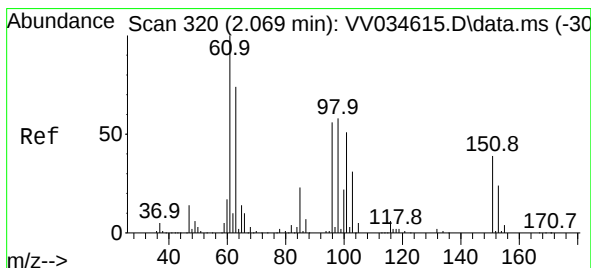
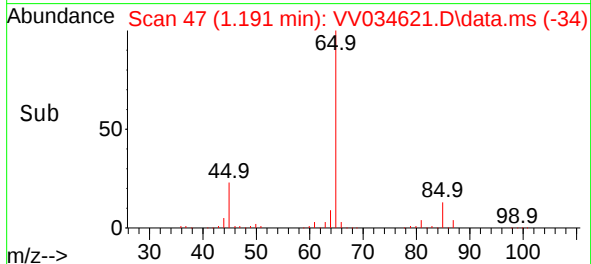
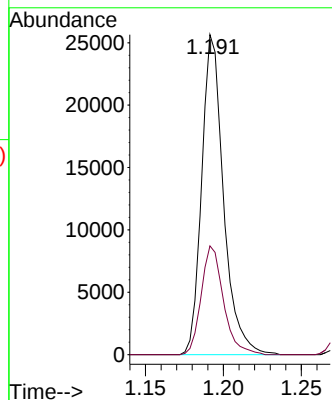
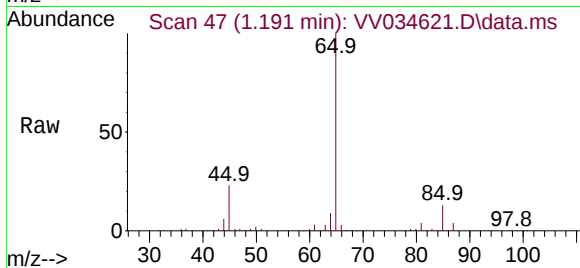
ClientSampleId :

Tgt Ion: 64 Resp: 24988

Ion Ratio Lower Upper

64 100

66 34.0 22.0 40.8



#12

1,1-Dichloroethene

Concen: 8.250 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034621.D

Acq: 14 Mar 2024 22:37

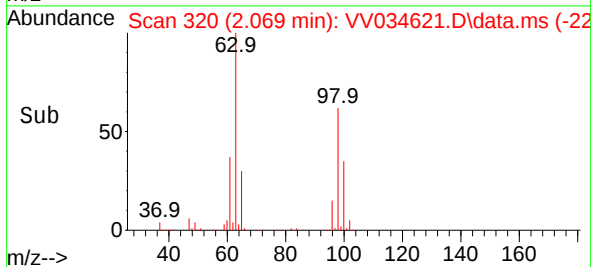
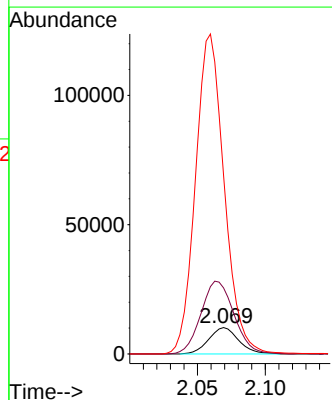
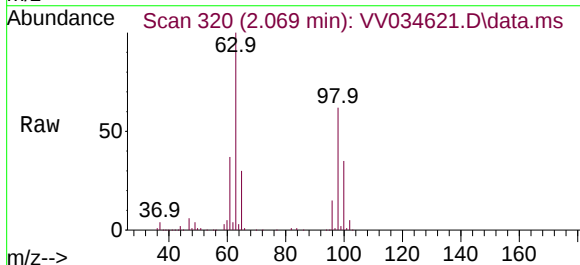
Tgt Ion: 96 Resp: 15687

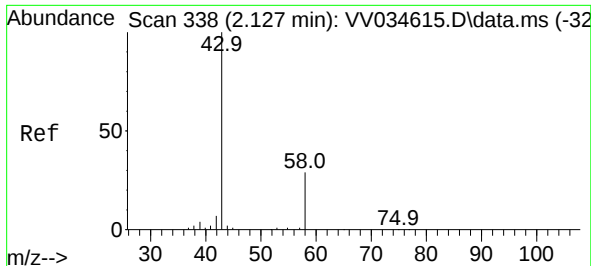
Ion Ratio Lower Upper

96 100

61 249.7 128.9 239.3#

63 674.6 98.0 182.0#





#13

Acetone

Concen: 117.445 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.000 min

Lab File: VV034621.D

Acq: 14 Mar 2024 22:37

Instrument :

MSVOA_V

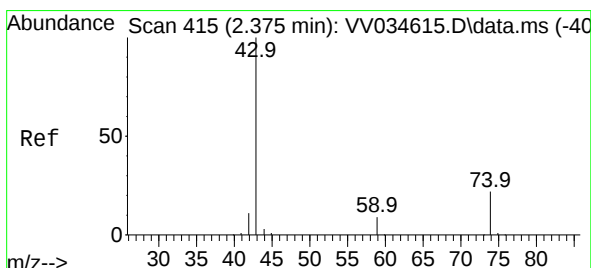
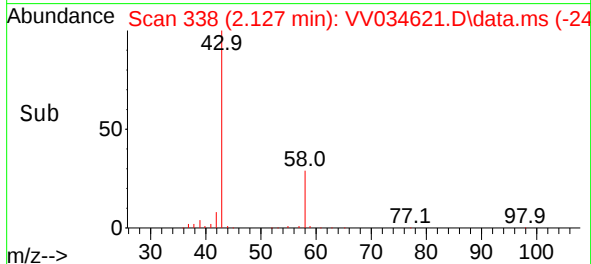
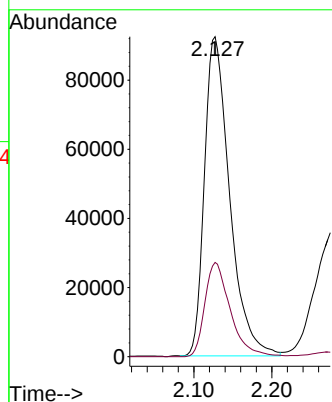
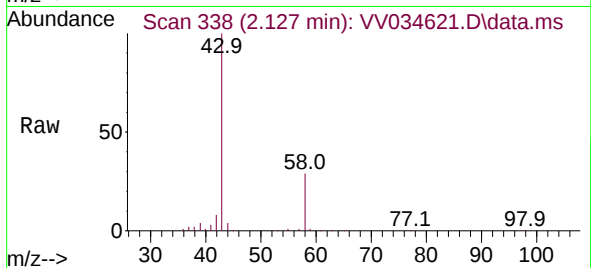
ClientSampleId :

Tgt Ion: 43 Resp: 207849

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.2



#15

Methyl Acetate

Concen: 53.517 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.080 min

Lab File: VV034621.D

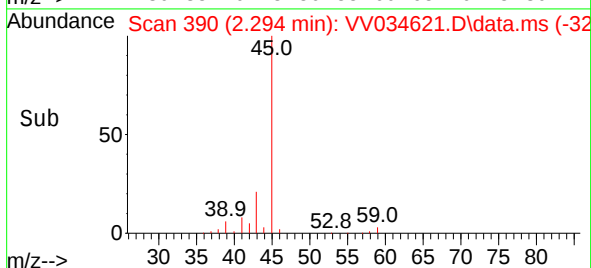
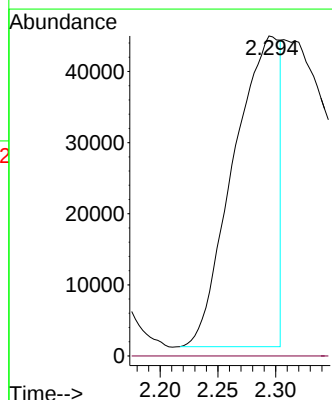
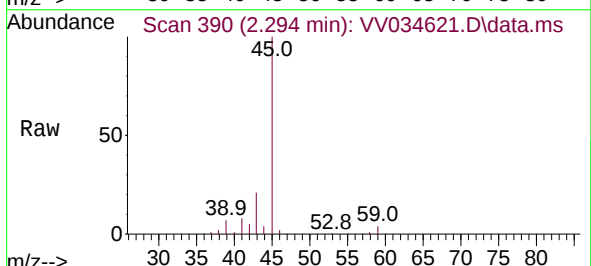
Acq: 14 Mar 2024 22:37

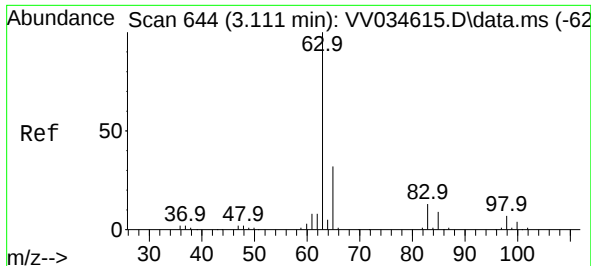
Tgt Ion: 43 Resp: 121169

Ion Ratio Lower Upper

43 100

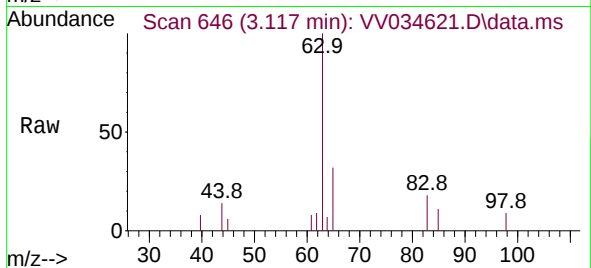
74 0.0 17.8 26.8#



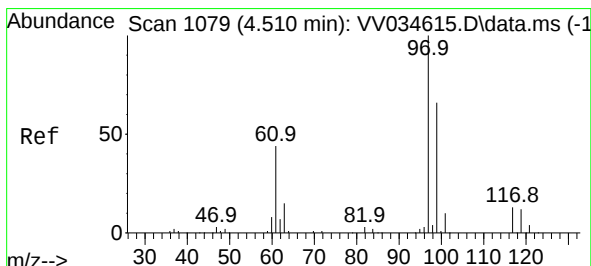
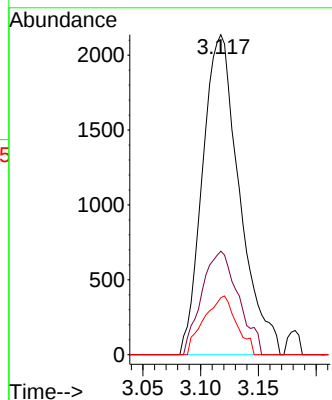
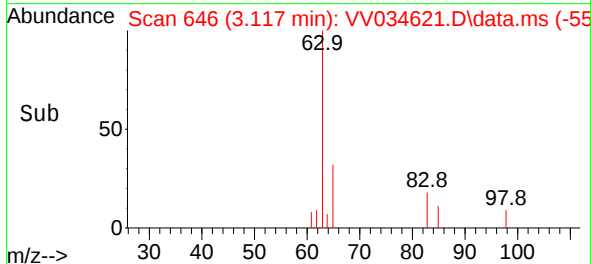


#19
1,1-Dichloroethane
Concen: 1.314 ug/L
RT: 3.117 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV034621.D
Acq: 14 Mar 2024 22:37

Instrument :
MSVOA_V
ClientSampleId :

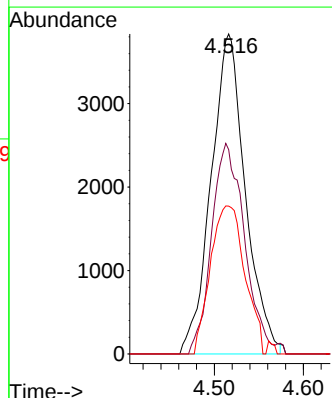
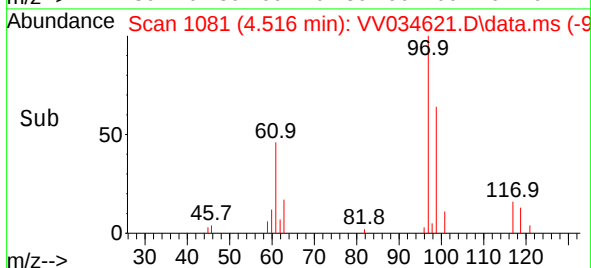
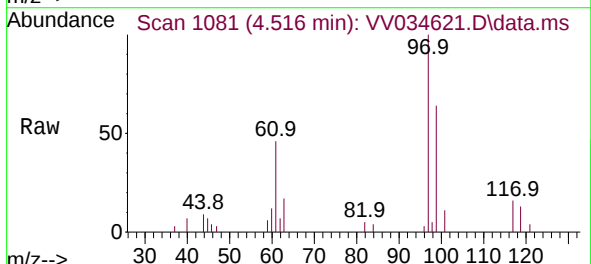


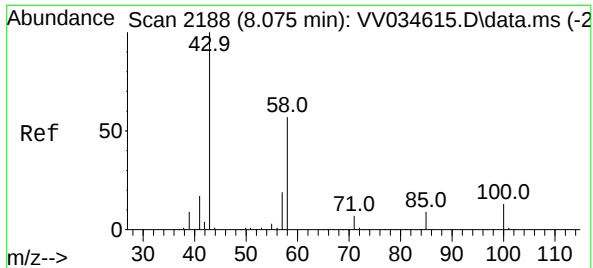
Tgt Ion: 63 Resp: 4739
Ion Ratio Lower Upper
63 100
65 32.3 22.1 41.1
83 17.8 9.9 18.3



#30
1,1,1-Trichloroethane
Concen: 3.128 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV034621.D
Acq: 14 Mar 2024 22:37

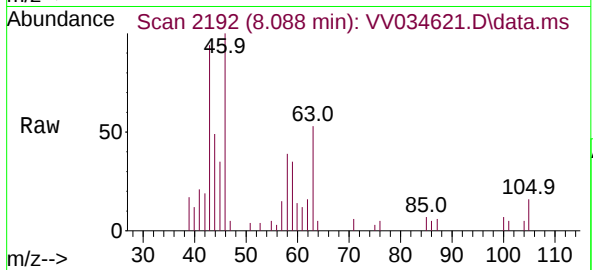
Tgt Ion: 97 Resp: 10249
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 46.5 36.0 54.0





#48
 2-Hexanone
 Concen: 4.163 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV034621.D
 Acq: 14 Mar 2024 22:37

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	43	Resp:	9082
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.0	63.0#
57	0.0	15.2	22.8#
100	2.3	10.0	15.0#

