

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031238.D
 Acq On : 25 May 2023 17:34
 Operator : SY/MD
 Sample : VV0525WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 07:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

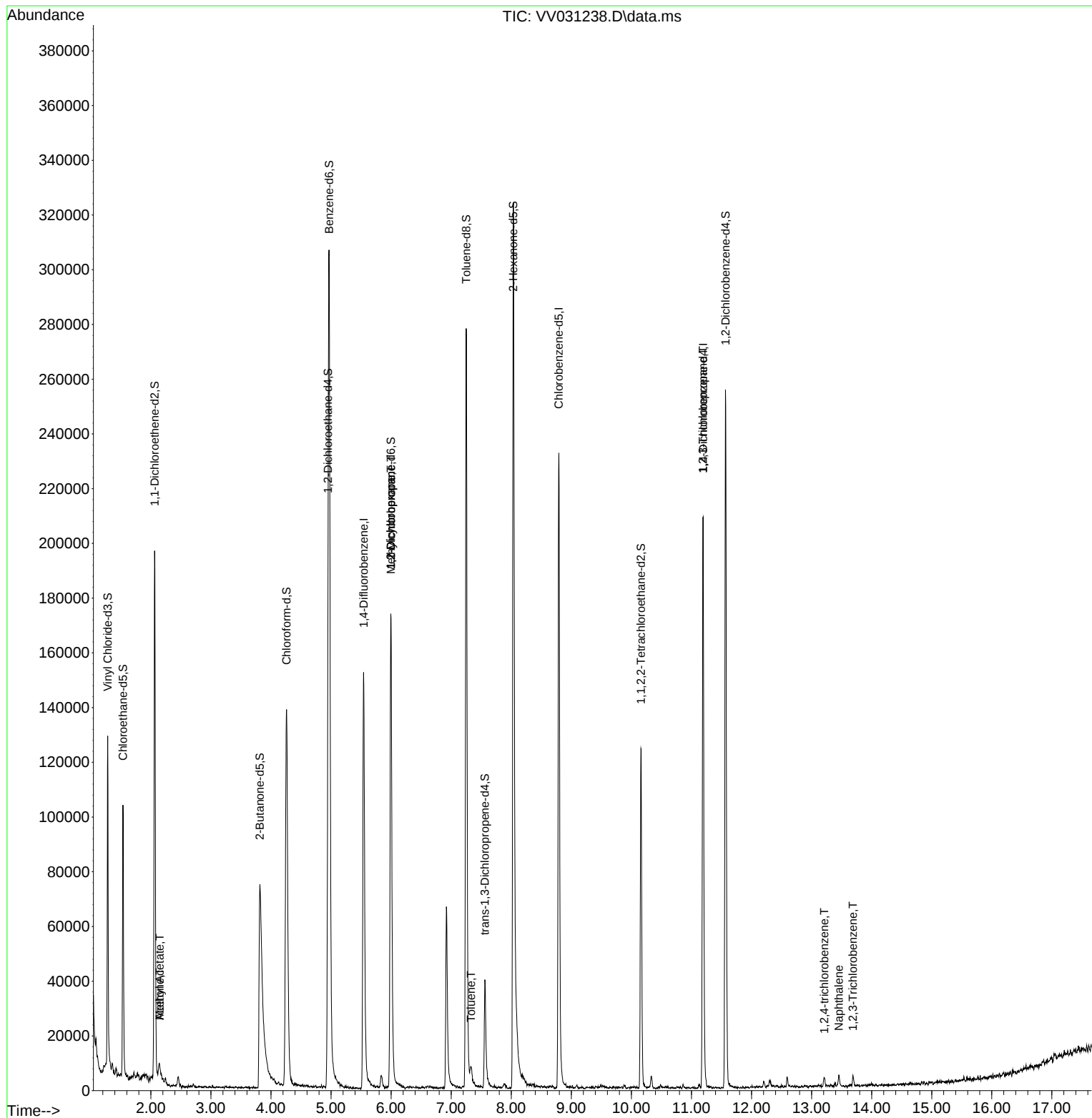
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	75372	5.412	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.200%
7) Chloroethane-d5	1.536	69	60383	5.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.063	65	35178	6.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.200%
20) 2-Butanone-d5	3.815	46	190319	63.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.980%
24) Chloroform-d	4.259	84	154112	5.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
26) 1,2-Dichloroethane-d4	4.950	65	81132	5.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.000%
32) Benzene-d6	4.969	84	267737	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.995	67	86573	5.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.249	98	187773	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.561	79	25113	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.034	63	118568	52.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.860%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	59477	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	63721	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
13) Acetone	2.146	43	8390	3.561	ug/L	98
15) Methyl Acetate	2.146	43	8390	1.788	ug/L #	60
35) Methylcyclohexane	5.998	83	20456	1.210	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	10332	0.775	ug/L #	88
42) Toluene	7.330	91	4425	0.099	ug/L	84
61) 1,2,3-Trichloropropane	11.191	75	7087	1.205	ug/L #	69
70) 1,2,4-trichlorobenzene	13.214	180	1159	0.096	ug/L	92
71) Naphthalene	13.455	128	3745	0.210	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.689	180	1215	0.117	ug/L	89

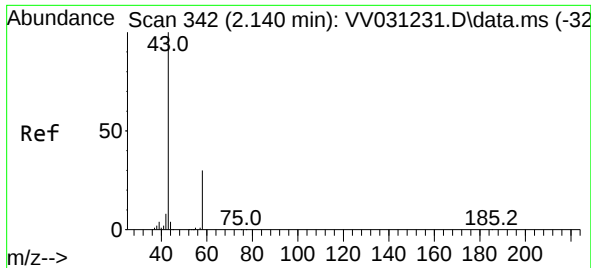
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 26 06:48:38 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.561 ug/L

RT: 2.146 min Scan# 344

Delta R.T. 0.007 min

Lab File: VV031238.D

Acq: 25 May 2023 17:34

Instrument :

MSVOA_V

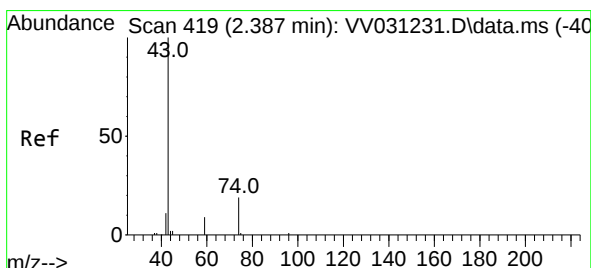
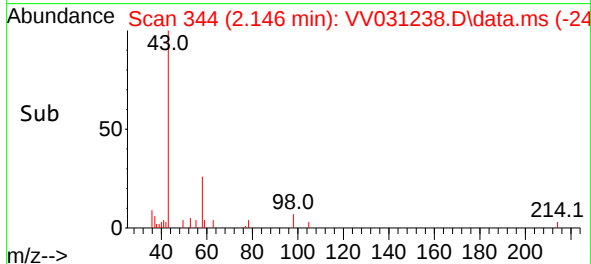
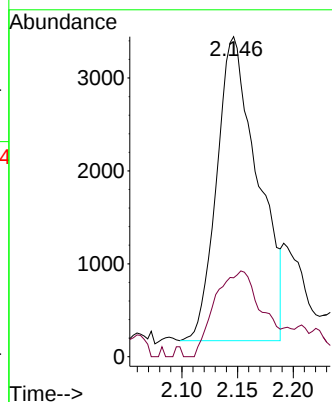
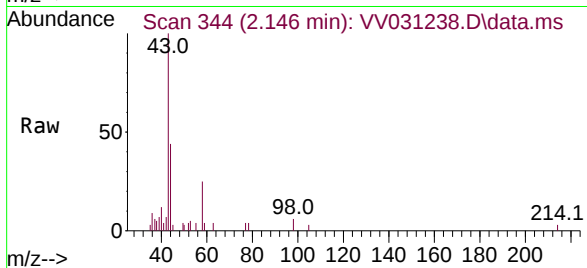
ClientSampleId :

Tgt Ion: 43 Resp: 8390

Ion Ratio Lower Upper

43 100

58 32.3 0.0 62.2



#15

Methyl Acetate

Concen: 1.788 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.241 min

Lab File: VV031238.D

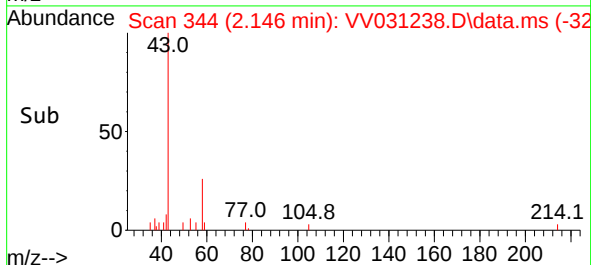
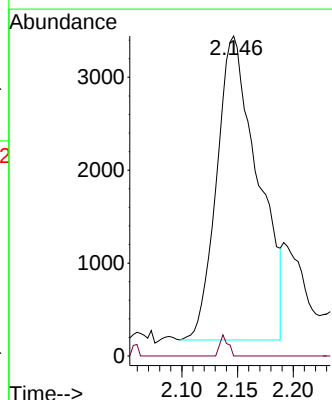
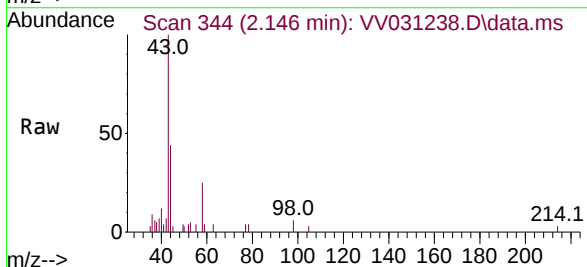
Acq: 25 May 2023 17:34

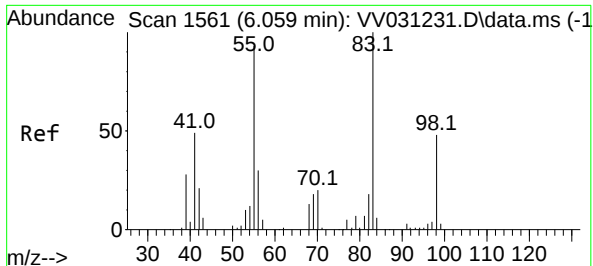
Tgt Ion: 43 Resp: 8390

Ion Ratio Lower Upper

43 100

74 1.4 15.5 23.3#

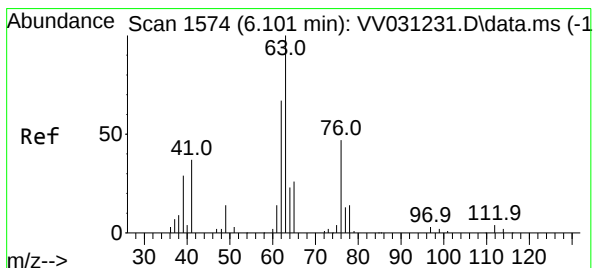
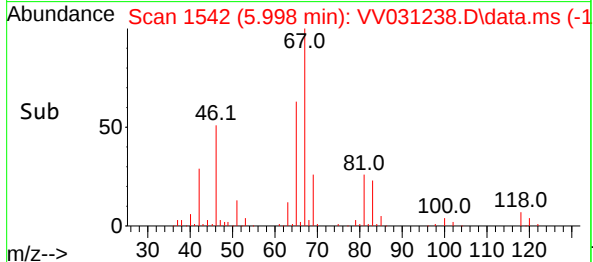
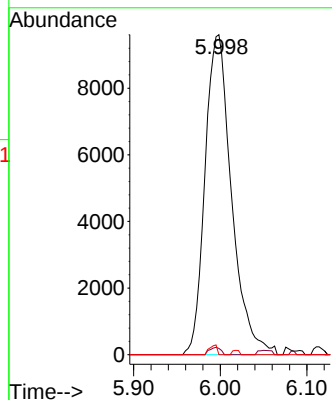
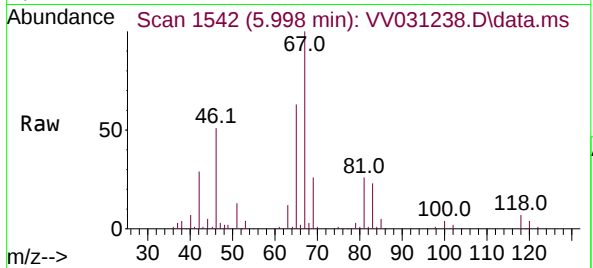




#35
Methylcyclohexane
Concen: 1.210 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV031238.D
Acq: 25 May 2023 17:34

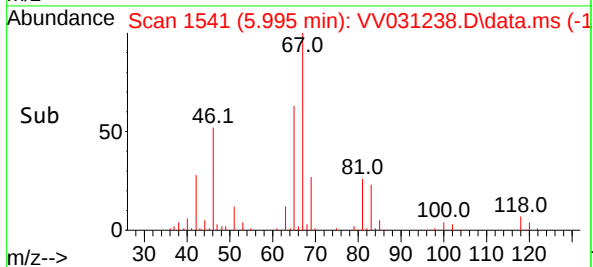
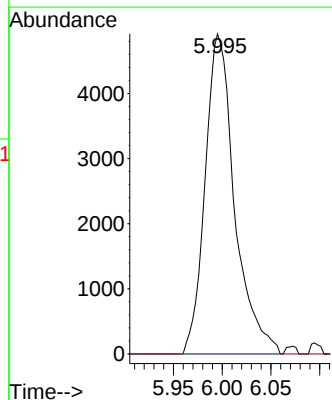
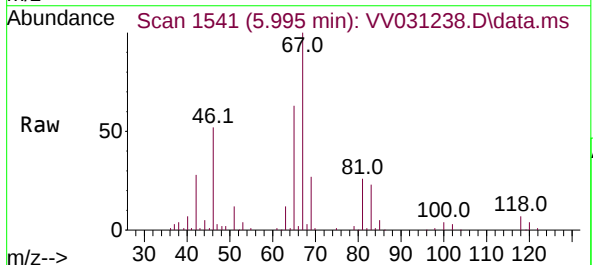
Instrument :
MSVOA_V
ClientSampleId :

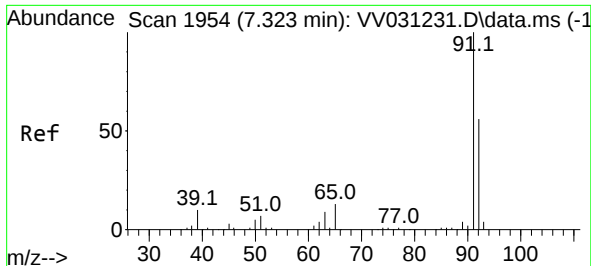
Tgt Ion: 83 Resp: 20456
Ion Ratio Lower Upper
83 100
55 1.0 74.4 111.6#
98 0.9 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.775 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.106 min
Lab File: VV031238.D
Acq: 25 May 2023 17:34

Tgt Ion: 63 Resp: 10332
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#42

Toluene

Concen: 0.099 ug/L

RT: 7.330 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV031238.D

Acq: 25 May 2023 17:34

Instrument :

MSVOA_V

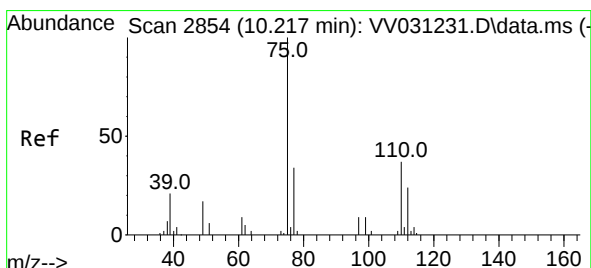
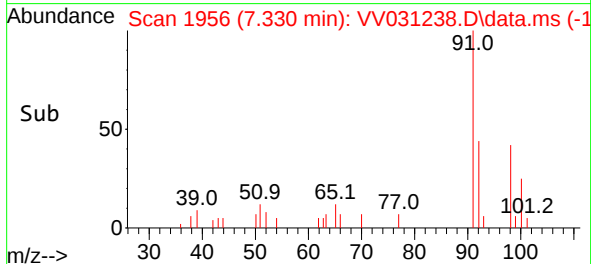
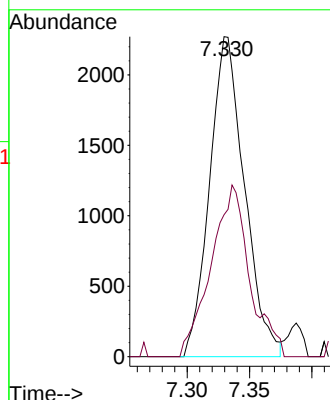
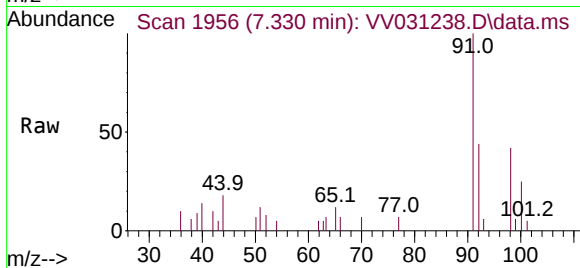
ClientSampleId :

Tgt Ion: 91 Resp: 4425

Ion Ratio Lower Upper

91 100

92 44.3 39.4 73.2



#61

1,2,3-Trichloropropane

Concen: 1.205 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031238.D

Acq: 25 May 2023 17:34

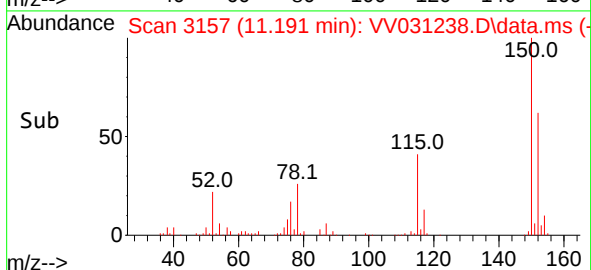
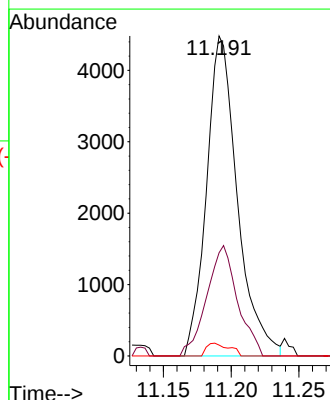
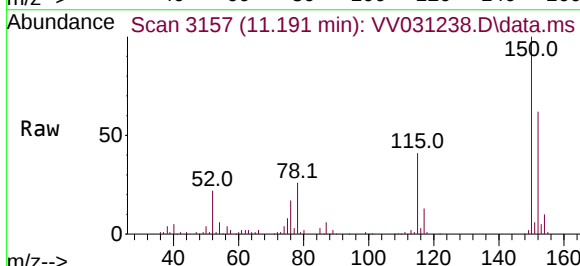
Tgt Ion: 75 Resp: 7087

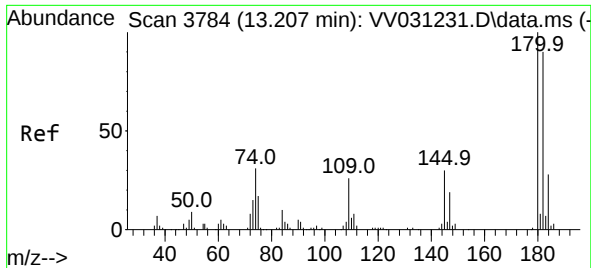
Ion Ratio Lower Upper

75 100

77 34.5 26.6 40.0

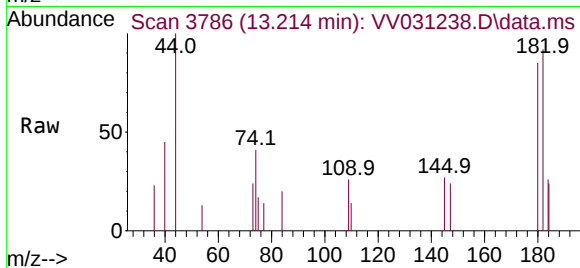
110 2.9 29.8 44.8#



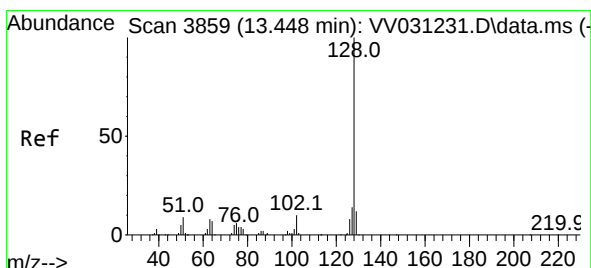
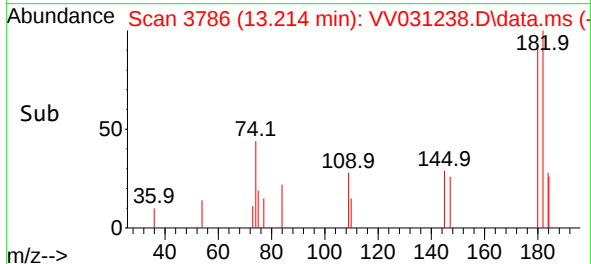
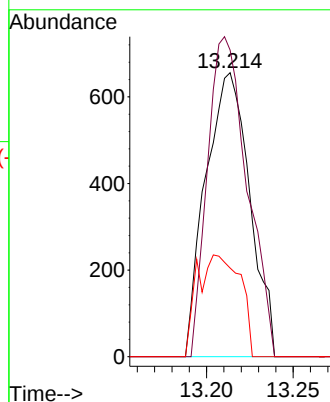


#70
1,2,4-trichlorobenzene
Concen: 0.096 ug/L
RT: 13.214 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV031238.D
Acq: 25 May 2023 17:34

Instrument :
MSVOA_V
ClientSampleId :

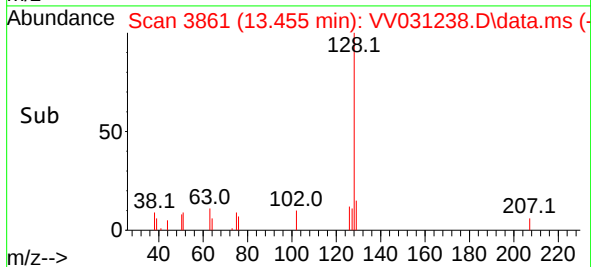
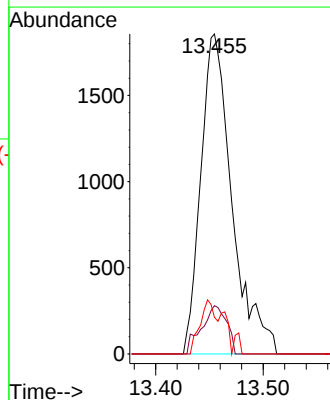
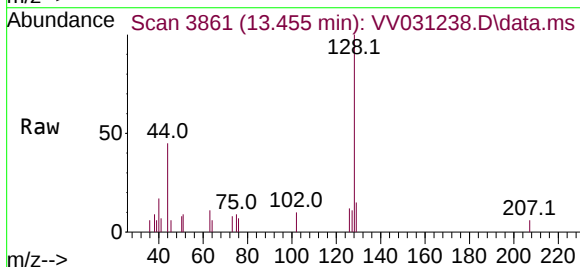


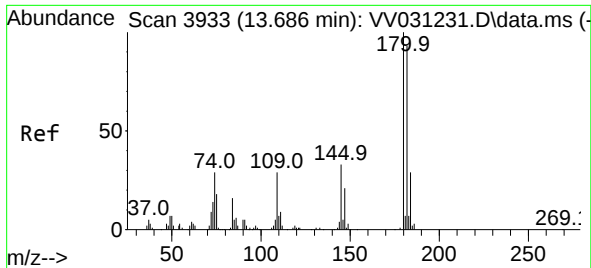
Tgt Ion:180 Resp: 1159
Ion Ratio Lower Upper
180 100
182 101.5 74.8 112.2
145 34.9 24.1 36.1



#71
Naphthalene
Concen: 0.210 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.007 min
Lab File: VV031238.D
Acq: 25 May 2023 17:34

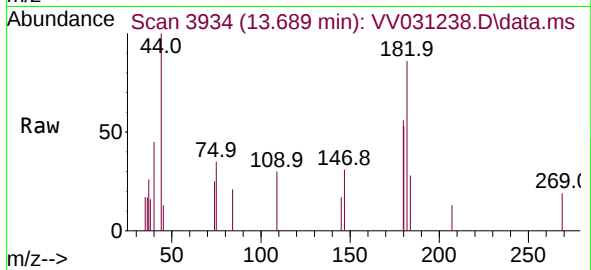
Tgt Ion:128 Resp: 3745
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 8.6 11.5 17.3#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.117 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.003 min
 Lab File: VV031238.D
 Acq: 25 May 2023 17:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1215
Ion	Ratio	Lower	Upper
180	100		
182	84.1	77.6	116.4
145	35.6	26.9	40.3

