

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020223\
 Data File : VW030018.D
 Acq On : 02 Feb 2023 13:02
 Operator : SY/MD
 Sample : 01393-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B41

Quant Time: Feb 03 01:13:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 03 01:11:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	249890	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	233845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	120447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81612	4.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.564	69	76237	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.104	63	113435	3.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.899	46	179440	53.414	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	4.339	84	150705	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.027	65	64694	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.043	84	310479	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.063	67	100009	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.307	98	259203	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.616	79	31097	4.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.085	63	157306	52.115	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	69631	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	100293	4.580	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3882	0.159	ug/L	99
13) Acetone	2.188	43	12207	5.091	ug/L	93
15) Methyl Acetate	2.188	43	12133	1.943	ug/L #	45
21) 2-Butanone	4.005	43	9491	2.763	ug/L	97
25) Chloroform	4.368	83	66166	1.834	ug/L	97
31) Carbon tetrachloride	4.821	117	2470	0.093	ug/L	96
35) Methylcyclohexane	6.063	83	21265	0.643	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	10014	0.553	ug/L #	86
38) Bromodichloromethane	6.503	83	43104	1.841	ug/L	100
39) cis-1,3-Dichloropropene	6.982	75	2011	0.083	ug/L #	47
42) Toluene	7.378	91	791201	9.488	ug/L	100
49) Dibromochloromethane	8.236	129	26366	1.722	ug/L	100
52) Ethylbenzene	9.008	91	10052	0.115	ug/L	98
53) m,p-Xylene	9.130	106	4044	0.117	ug/L	92
54) o-Xylene	9.532	106	2965	0.090	ug/L	85
59) Bromoform	9.722	173	3943	0.505	ug/L	98
61) 1,2,3-Trichloropropane	11.236	75	14848	1.665	ug/L #	64

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Quant Time: Feb 03 01:13:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 03 01:11:57 2023
Response via : Initial Calibration

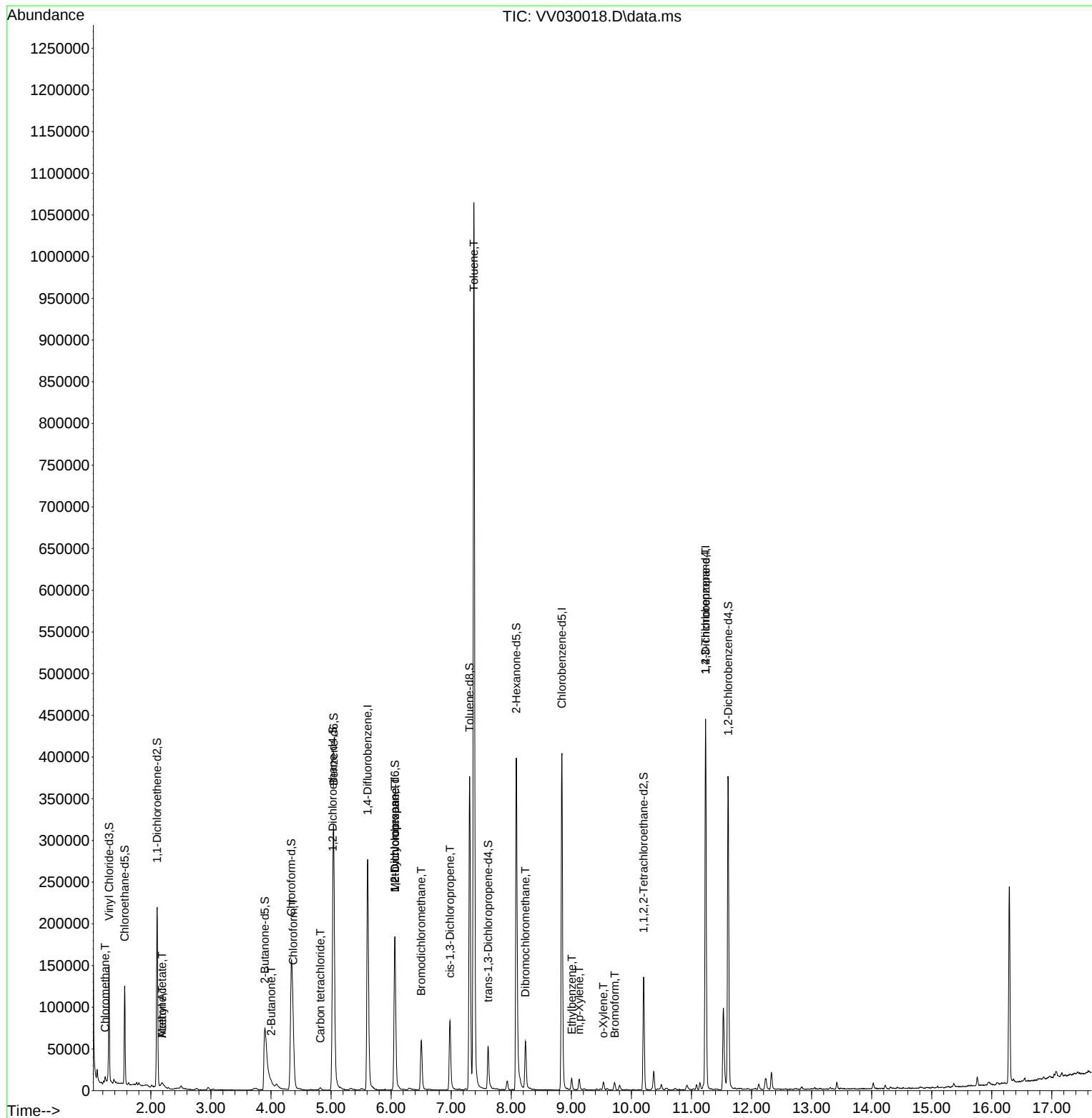
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

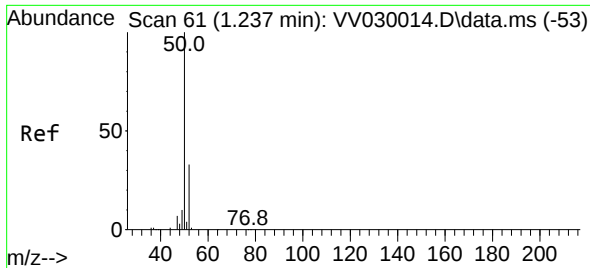
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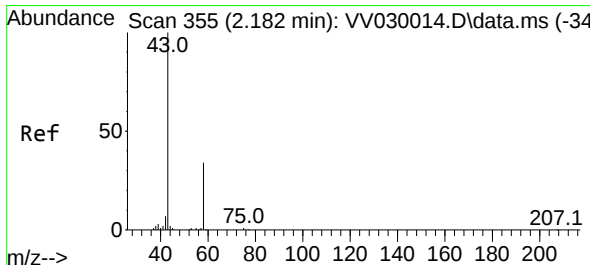
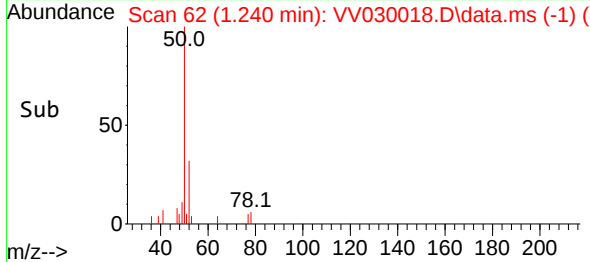
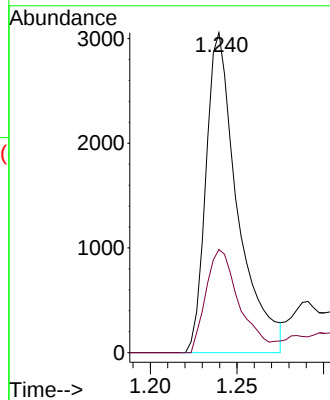
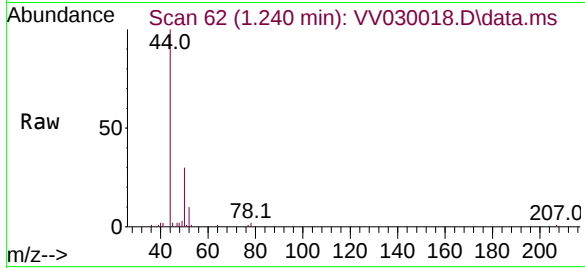




#3
Chloromethane
Concen: 0.159 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

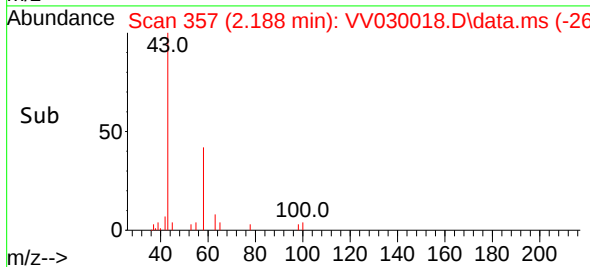
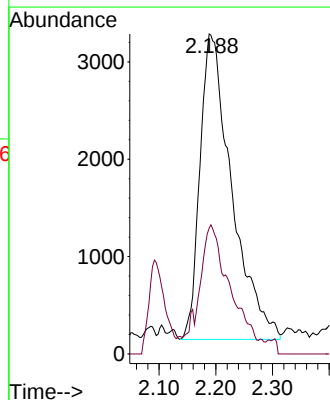
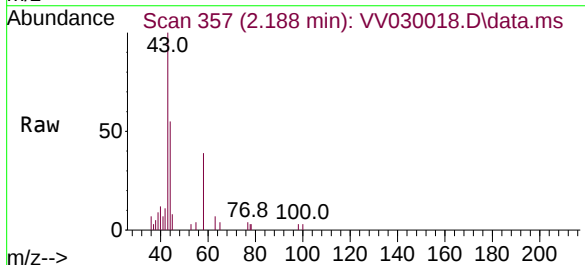
Instrument :
MSVOA_V
ClientSampleId :
C0B41

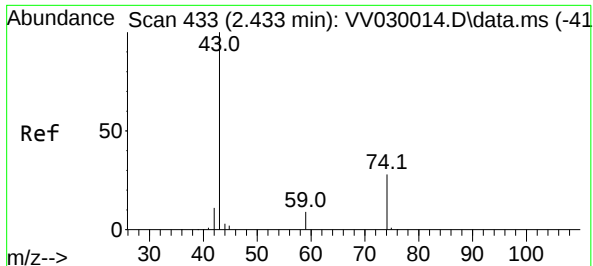
Tgt Ion: 50 Resp: 3882
Ion Ratio Lower Upper
50 100
52 32.3 23.1 42.9



#13
Acetone
Concen: 5.091 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.006 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

Tgt Ion: 43 Resp: 12207
Ion Ratio Lower Upper
43 100
58 38.4 0.0 68.8





#15

Methyl Acetate

Concen: 1.943 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.245 min

Lab File: VV030018.D

Acq: 02 Feb 2023 13:02

Instrument :

MSVOA_V

ClientSampleId :

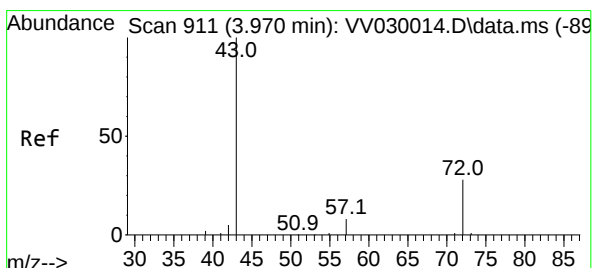
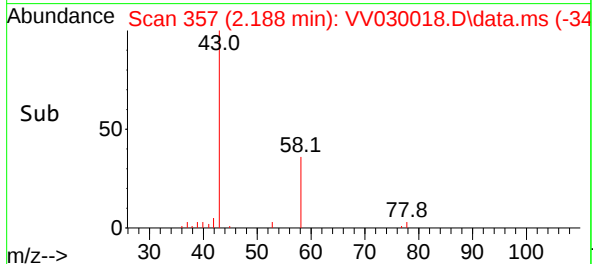
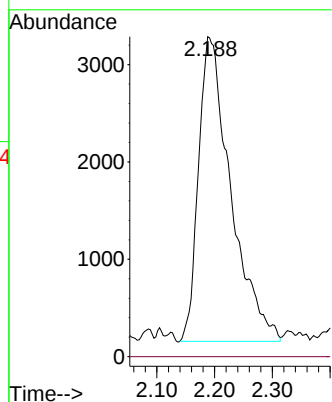
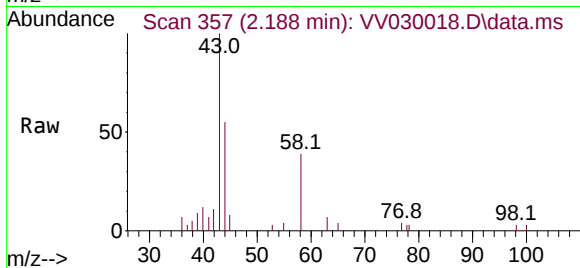
C0B41

Tgt Ion: 43 Resp: 12133

Ion Ratio Lower Upper

43 100

74 0.0 23.4 35.0#



#21

2-Butanone

Concen: 2.763 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.035 min

Lab File: VV030018.D

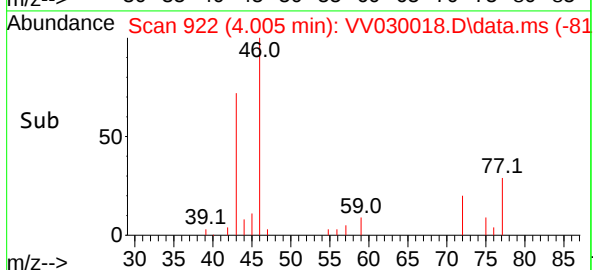
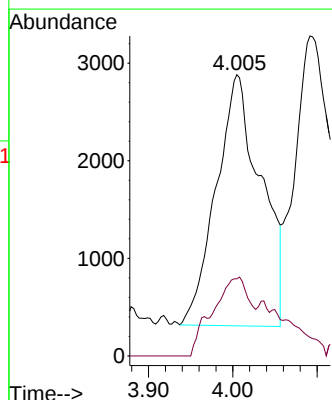
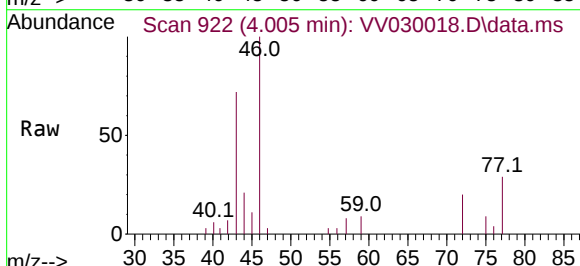
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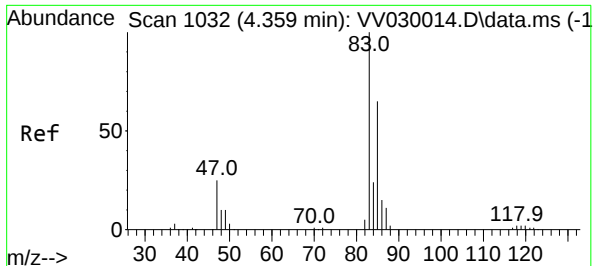
Tgt Ion: 43 Resp: 9491

Ion Ratio Lower Upper

43 100

72 26.4 13.9 41.6





#25

Chloroform

Concen: 1.834 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV030018.D

Acq: 02 Feb 2023 13:02

Instrument :

MSVOA_V

ClientSampleId :

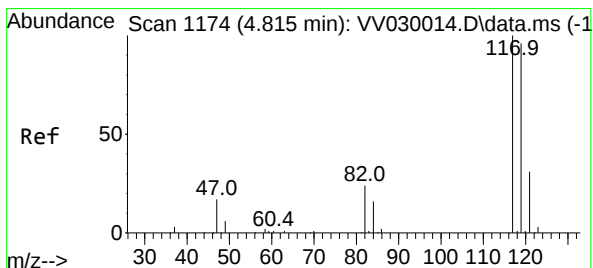
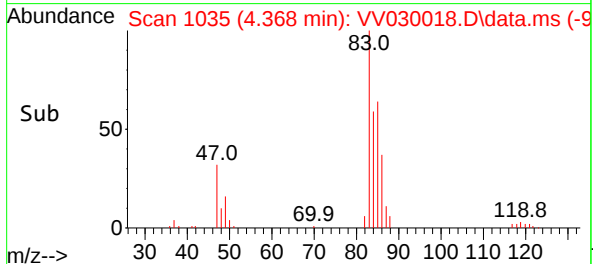
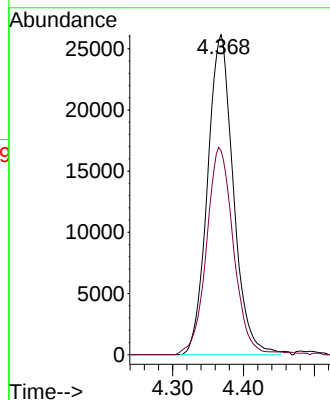
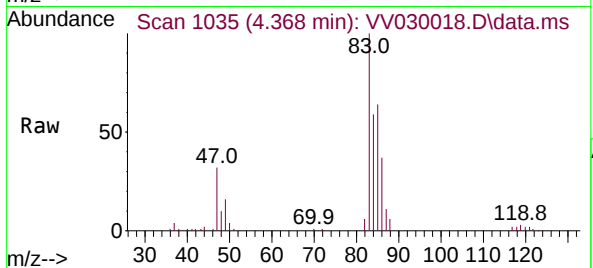
C0B41

Tgt Ion: 83 Resp: 66166

Ion Ratio Lower Upper

83 100

85 63.8 46.5 86.5



#31

Carbon tetrachloride

Concen: 0.093 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VV030018.D

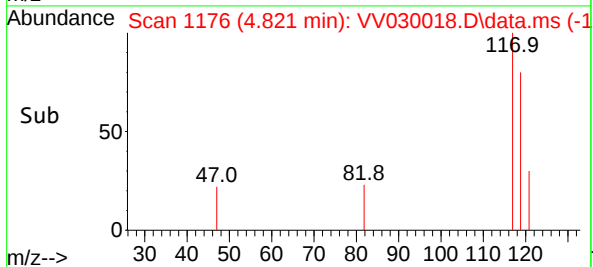
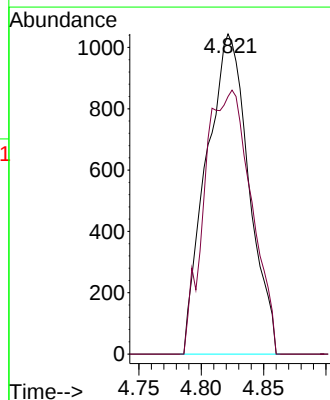
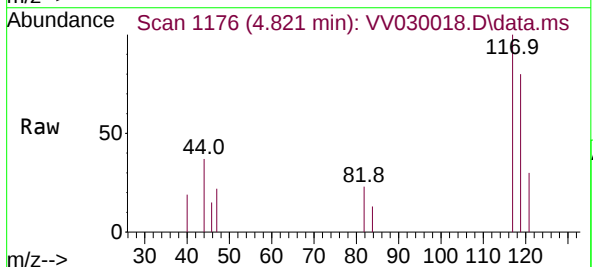
Acq: 02 Feb 2023 13:02

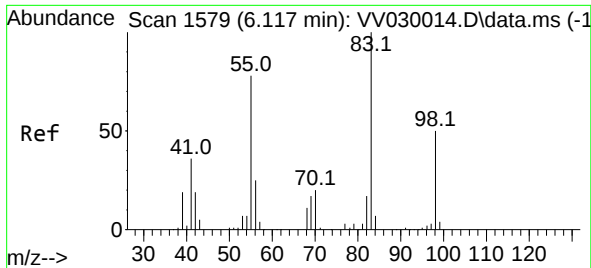
Tgt Ion: 117 Resp: 2470

Ion Ratio Lower Upper

117 100

119 91.5 76.6 114.8

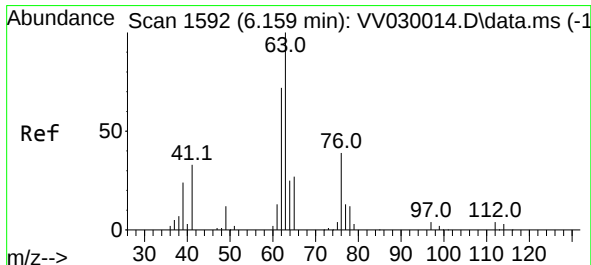
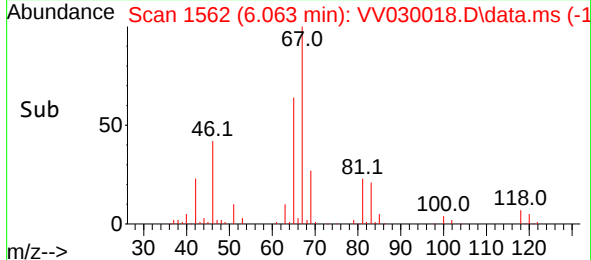
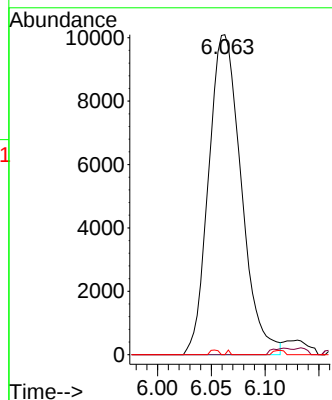
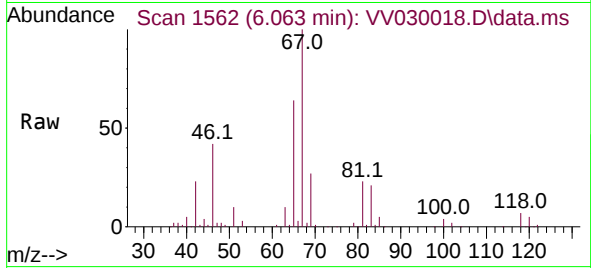




#35
Methylcyclohexane
Concen: 0.643 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.055 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

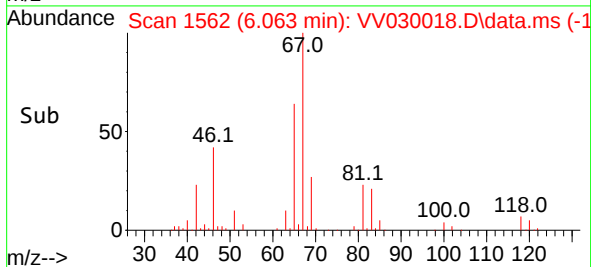
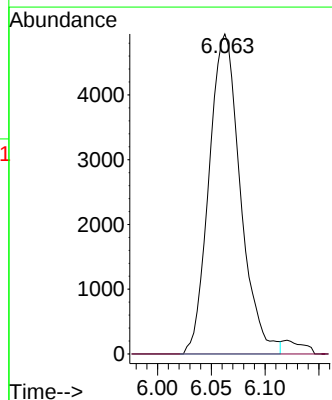
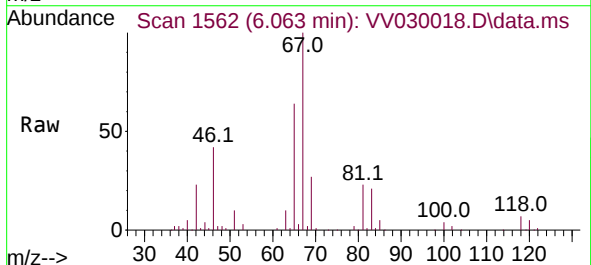
Instrument :
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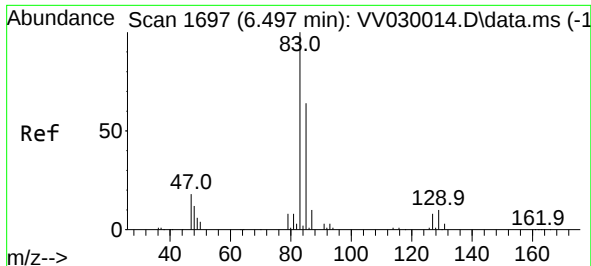
Tgt Ion: 83 Resp: 21265
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.1 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.097 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

Tgt Ion: 63 Resp: 10014
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#

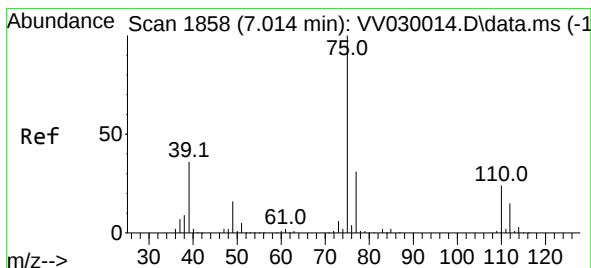
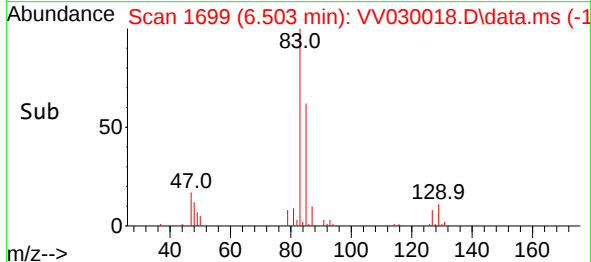
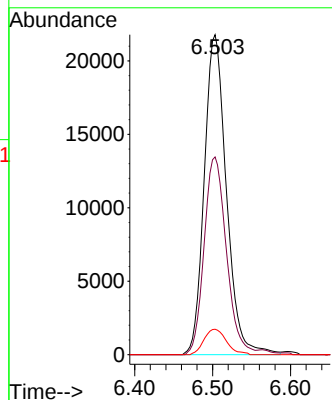
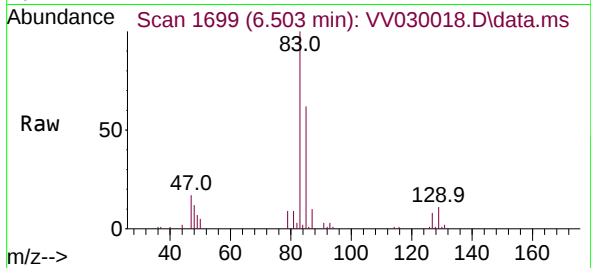




#38
Bromodichloromethane
Concen: 1.841 ug/L
RT: 6.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

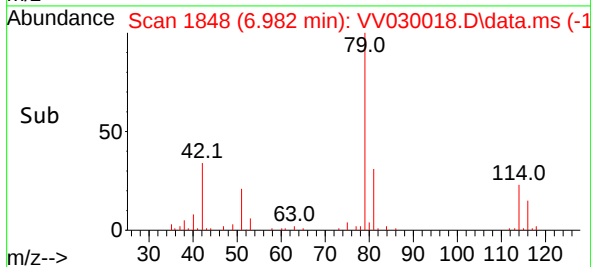
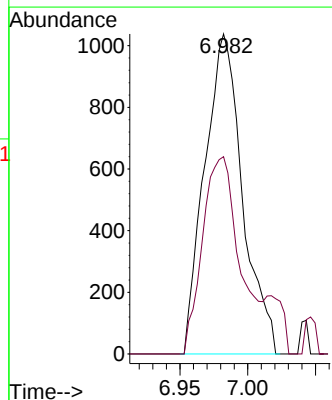
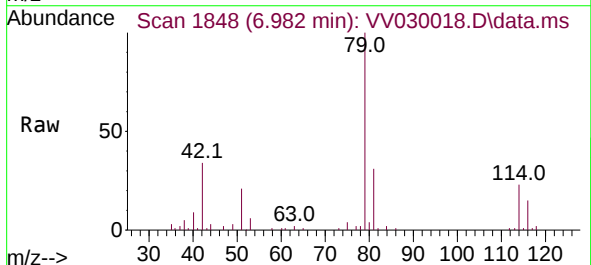
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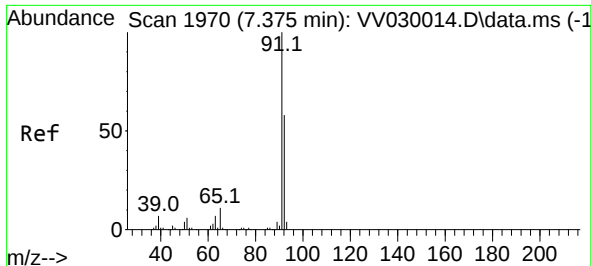
Tgt Ion: 83 Resp: 43104
Ion Ratio Lower Upper
83 100
85 61.8 43.2 80.2
127 7.9 7.0 10.6



#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.032 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

Tgt Ion: 75 Resp: 2011
Ion Ratio Lower Upper
75 100
77 61.7 22.4 41.6#





#42

Toluene

Concen: 9.488 ug/L

RT: 7.378 min Scan# 1970

Delta R.T. 0.003 min

Lab File: VV030018.D

Acq: 02 Feb 2023 13:02

Instrument :

MSVOA_V

ClientSampleId :

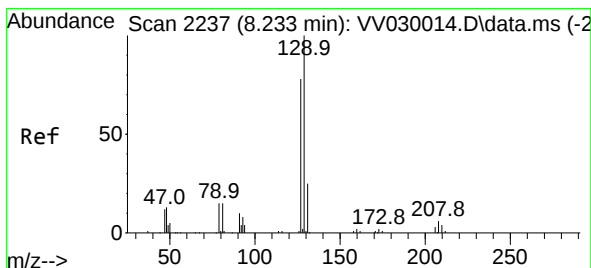
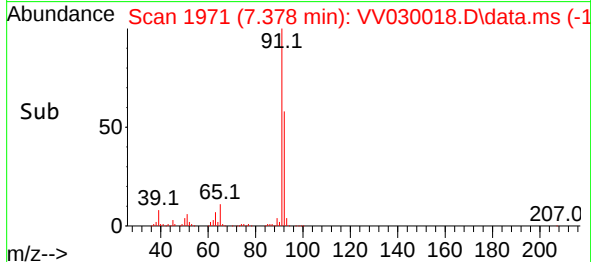
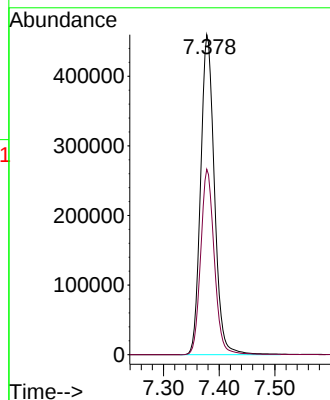
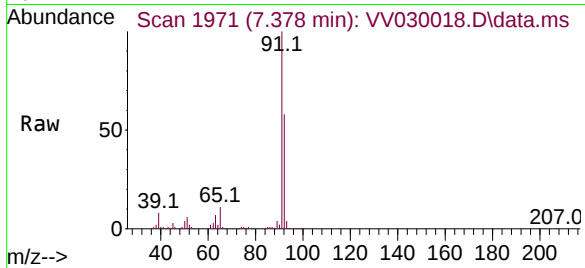
C0B41

Tgt Ion: 91 Resp: 791201

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



#49

Dibromochloromethane

Concen: 1.722 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. 0.003 min

Lab File: VV030018.D

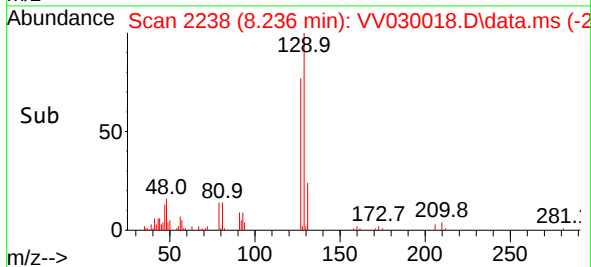
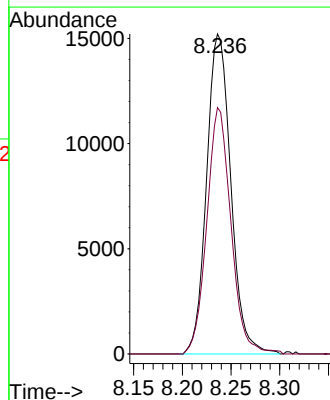
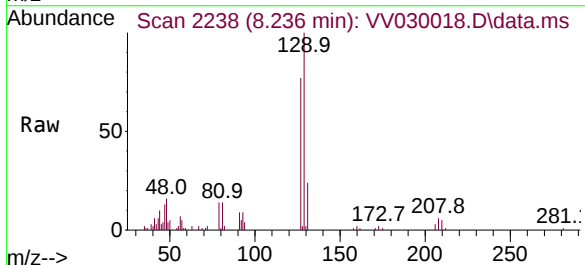
Acq: 02 Feb 2023 13:02

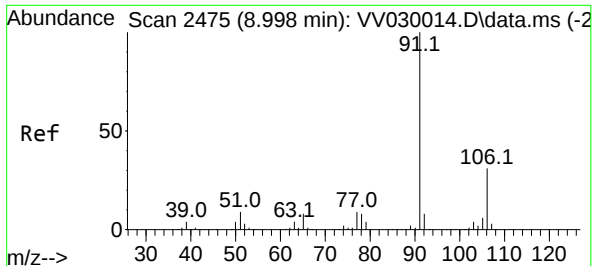
Tgt Ion: 129 Resp: 26366

Ion Ratio Lower Upper

129 100

127 77.0 54.1 100.5





#52

Ethylbenzene

Concen: 0.115 ug/L

RT: 9.008 min Scan# 2475

Delta R.T. 0.009 min

Lab File: VV030018.D

Acq: 02 Feb 2023 13:02

Instrument :

MSVOA_V

ClientSampleId :

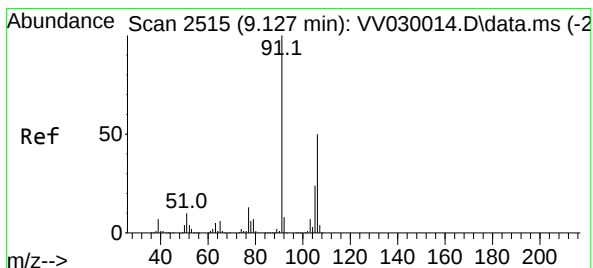
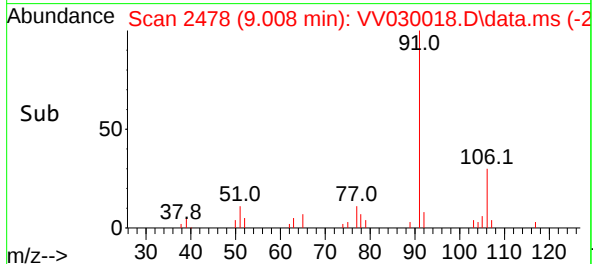
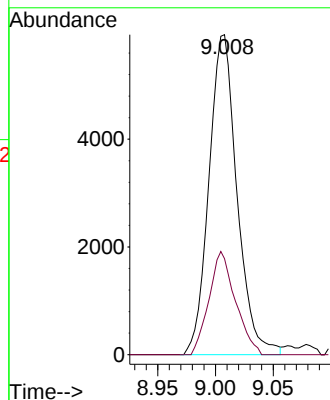
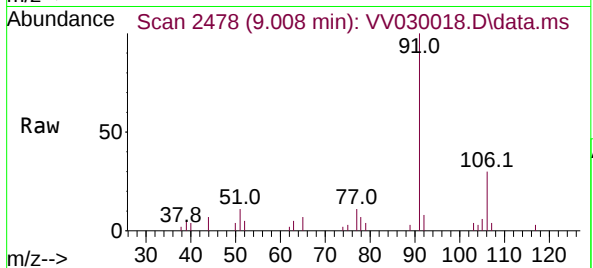
C0B41

Tgt Ion: 91 Resp: 10052

Ion Ratio Lower Upper

91 100

106 30.0 21.9 40.7



#53

m,p-Xylene

Concen: 0.117 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.003 min

Lab File: VV030018.D

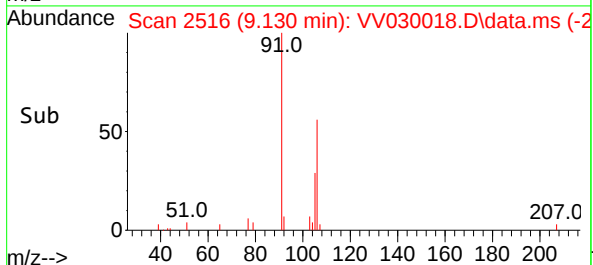
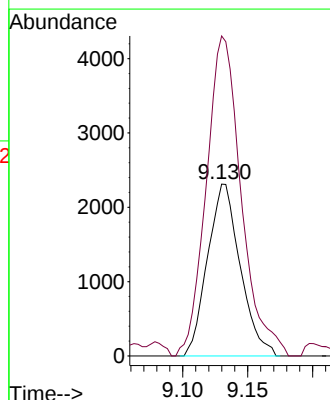
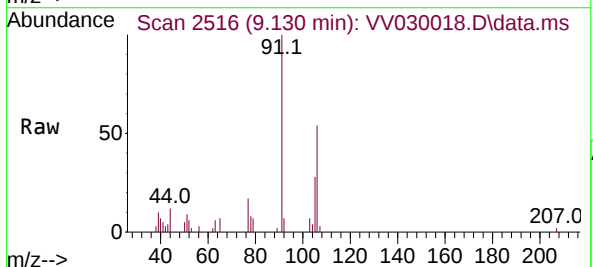
Acq: 02 Feb 2023 13:02

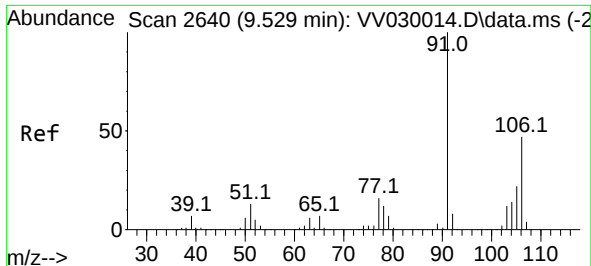
Tgt Ion: 106 Resp: 4044

Ion Ratio Lower Upper

106 100

91 186.3 138.7 257.7

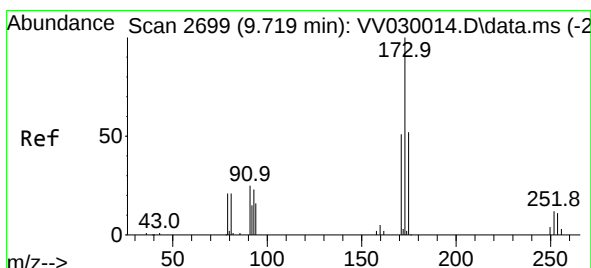
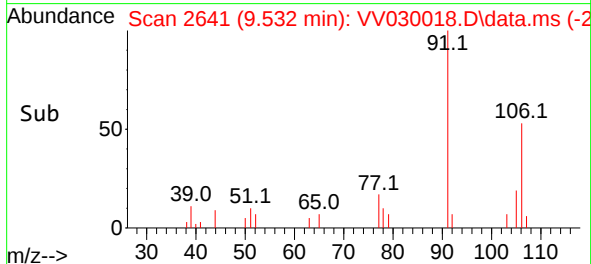
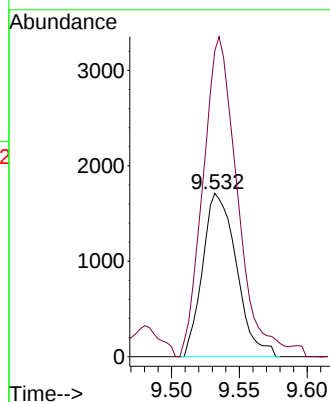
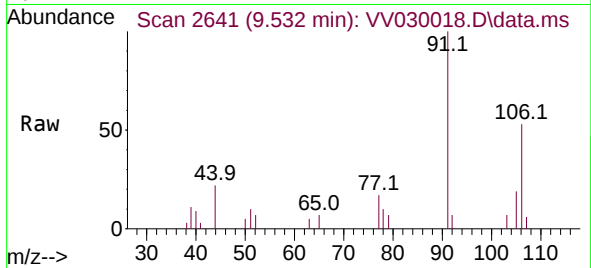




#54
o-Xylene
Concen: 0.090 ug/L
RT: 9.532 min Scan# 2700
Delta R.T. 0.003 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

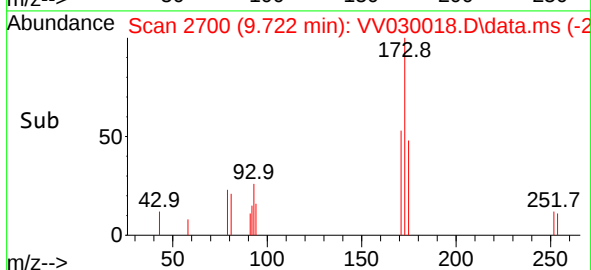
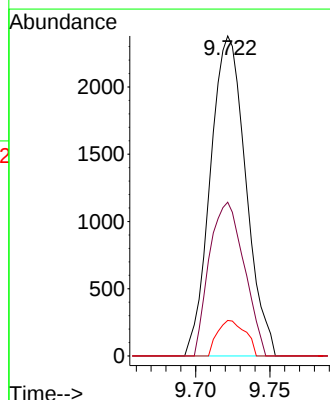
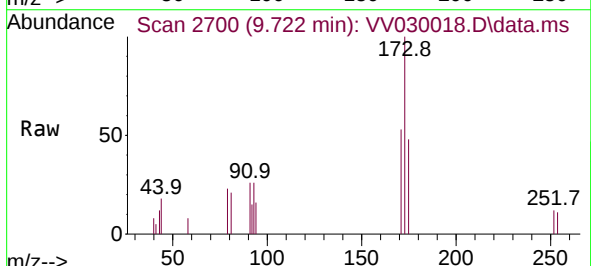
Instrument :
MSVOA_V
ClientSampleId :
C0B41

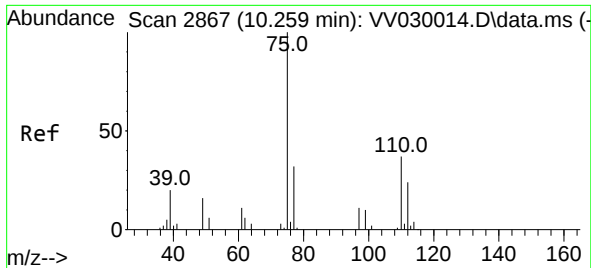
Tgt Ion:106 Resp: 2965
Ion Ratio Lower Upper
106 100
91 187.1 147.7 274.3



#59
Bromoform
Concen: 0.505 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.003 min
Lab File: VV030018.D
Acq: 02 Feb 2023 13:02

Tgt Ion:173 Resp: 3943
Ion Ratio Lower Upper
173 100
175 47.3 38.6 57.8
254 8.7 7.9 11.9





#61
 1,2,3-Trichloropropane
 Concen: 1.665 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030018.D
 Acq: 02 Feb 2023 13:02

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B41

Tgt Ion: 75 Resp: 14848
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.5 39.7
 110 1.7 31.8 47.8#

