

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031833.D
 Acq On : 17 Aug 2023 16:01
 Operator : SY/MD
 Sample : 04059-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:33:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

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

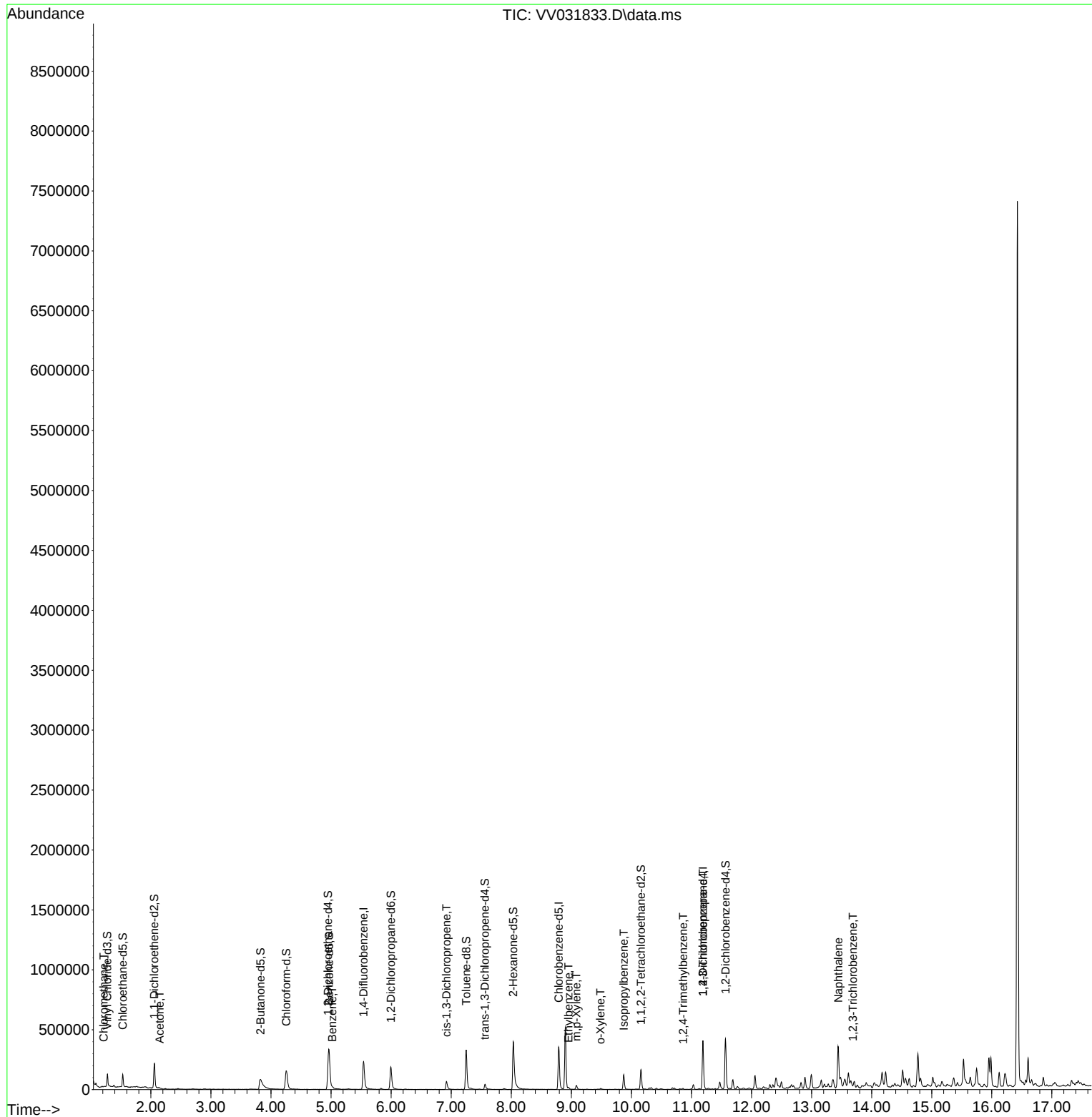
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	203592	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	202248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	104469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63287	5.225	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.532	69	70219	5.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	2.056	65	34946	4.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.828	46	204034	48.930	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.860%
24) Chloroform-d	4.252	84	175678	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.950	65	89553	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.966	84	297131	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	5.995	67	98564	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.249	98	233643	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.561	79	29086	4.836	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.034	63	151600	52.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.760%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	82368	6.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.200%#
66) 1,2-Dichlorobenzene-d4	11.567	152	108121	5.868	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3712	0.209	ug/L	97
13) Acetone	2.146	43	6989	2.921	ug/L	71
33) Benzene	5.021	78	12187	0.253	ug/L	100
39) cis-1,3-Dichloropropene	6.921	75	2101	0.128	ug/L	85
52) Ethylbenzene	8.953	91	3951	0.082	ug/L	98
53) m,p-Xylene	9.085	106	7827	0.455	ug/L	82
54) o-Xylene	9.484	106	1237	0.076	ug/L	82
60) Isopropylbenzene	9.873	105	73075	1.730	ug/L	100
61) 1,2,3-Trichloropropane	11.191	75	11288	1.308	ug/L #	54
63) 1,2,4-Trimethylbenzene	10.863	105	4271	0.124	ug/L	93
71) Naphthalene	13.445	128	205561	9.526	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	1051	0.079	ug/L #	1

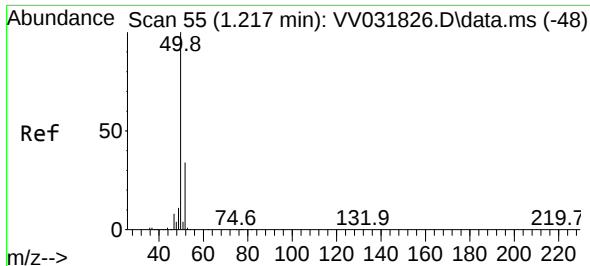
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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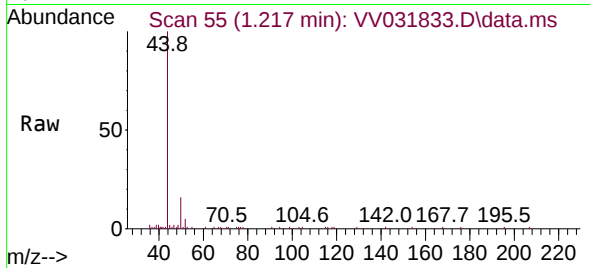
Quant Time: Aug 18 02:33:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
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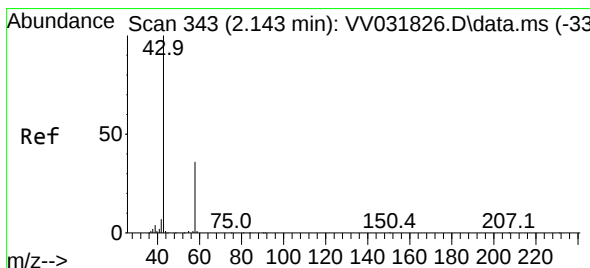
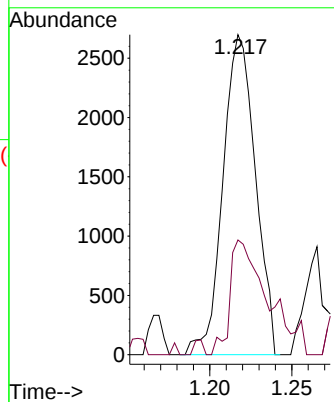
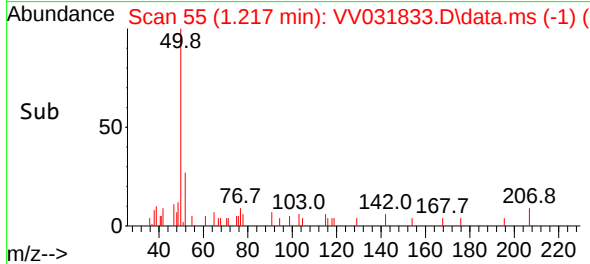


#3
Chloromethane
Concen: 0.209 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.000 min
Lab File: VV031833.D
Acq: 17 Aug 2023 16:01

Instrument :
MSVOA_V
ClientSampleId :

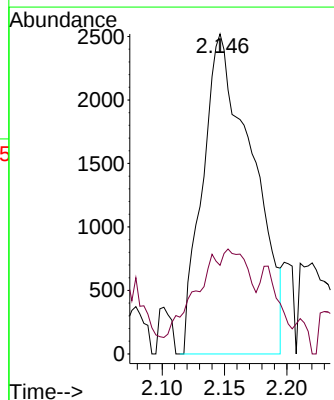
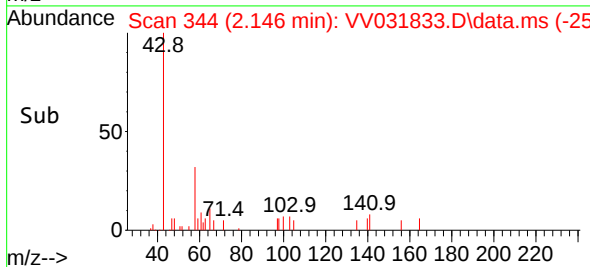
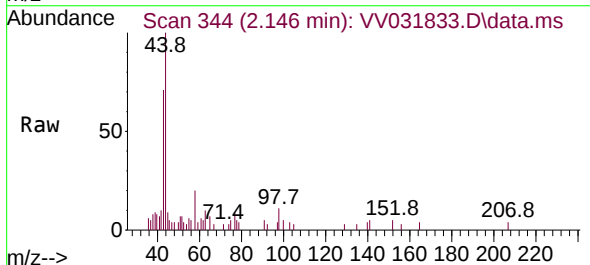


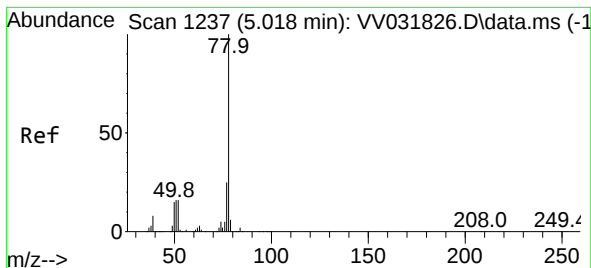
Tgt Ion: 50 Resp: 3712
Ion Ratio Lower Upper
50 100
52 35.8 23.8 44.2



#13
Acetone
Concen: 2.921 ug/L
RT: 2.146 min Scan# 344
Delta R.T. 0.003 min
Lab File: VV031833.D
Acq: 17 Aug 2023 16:01

Tgt Ion: 43 Resp: 6989
Ion Ratio Lower Upper
43 100
58 17.7 0.0 69.0





#33

Benzene

Concen: 0.253 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031833.D

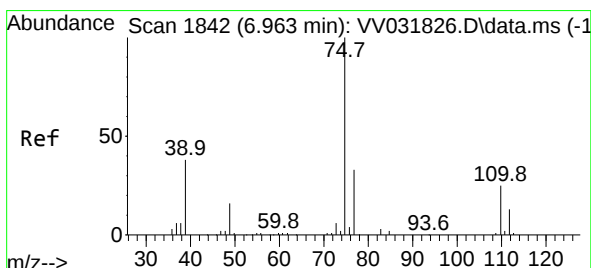
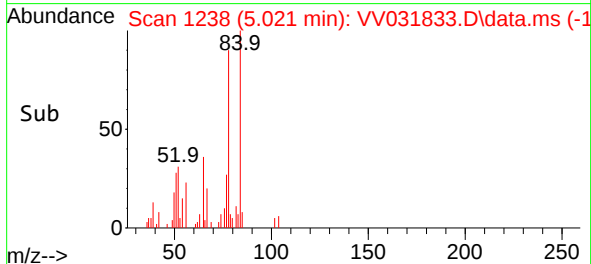
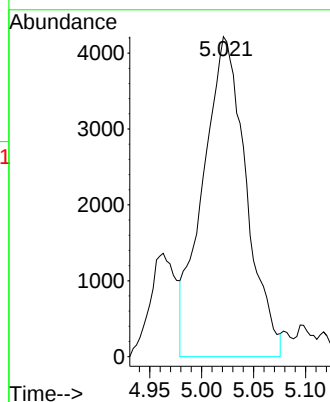
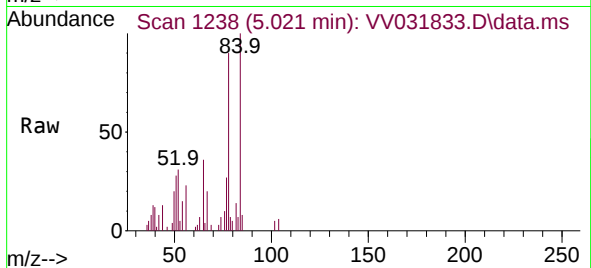
Acq: 17 Aug 2023 16:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 12187



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV031833.D

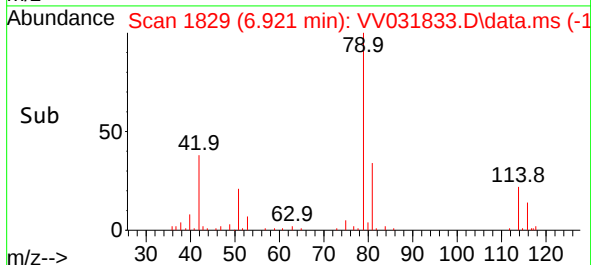
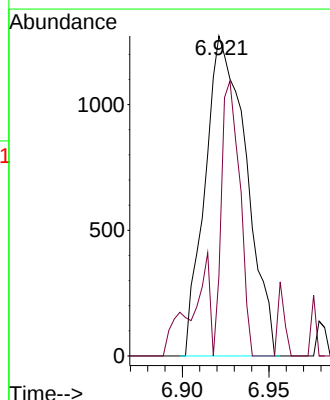
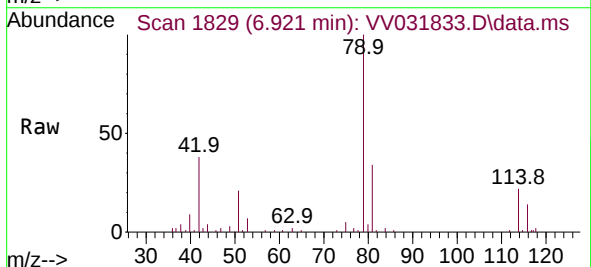
Acq: 17 Aug 2023 16:01

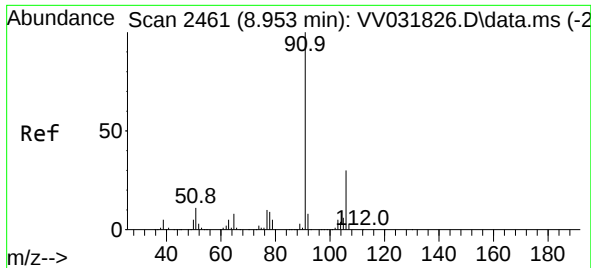
Tgt Ion: 75 Resp: 2101

Ion Ratio Lower Upper

75 100

77 25.0 23.4 43.4

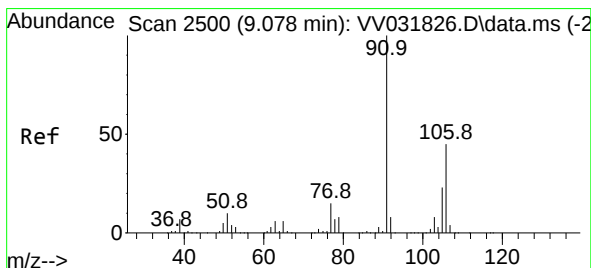
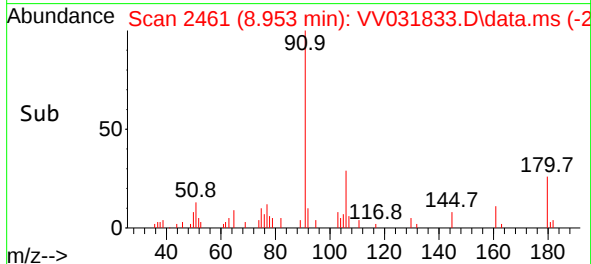
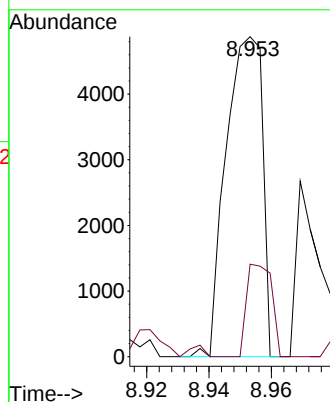
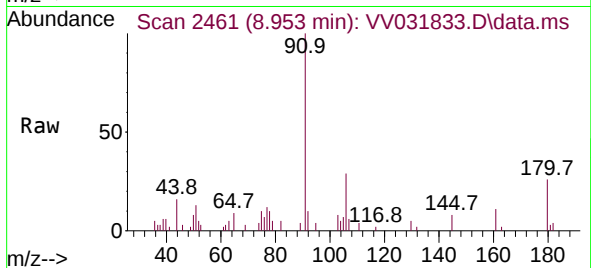




#52
Ethylbenzene
Concen: 0.082 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031833.D
Acq: 17 Aug 2023 16:01

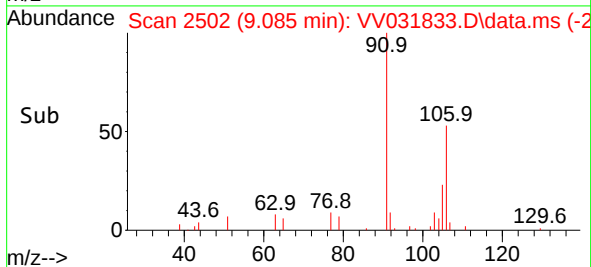
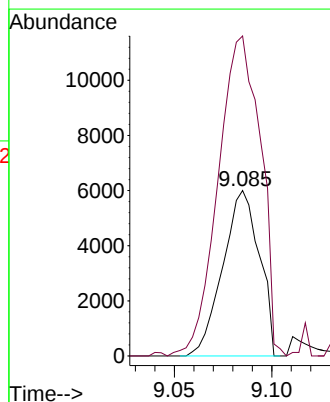
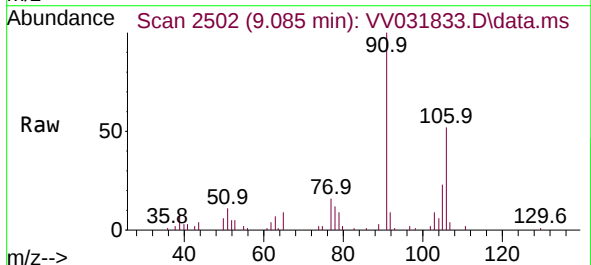
Instrument :
MSVOA_V
ClientSampleId :

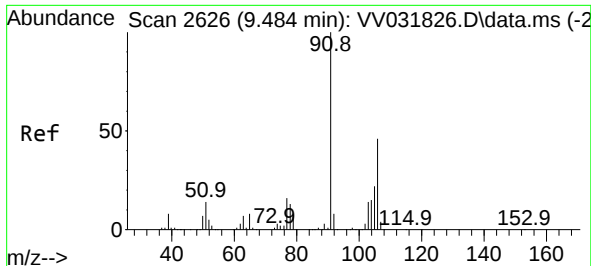
Tgt Ion: 91 Resp: 3951
Ion Ratio Lower Upper
91 100
106 28.9 20.9 38.7



#53
m,p-Xylene
Concen: 0.455 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.007 min
Lab File: VV031833.D
Acq: 17 Aug 2023 16:01

Tgt Ion:106 Resp: 7827
Ion Ratio Lower Upper
106 100
91 193.4 155.7 289.1

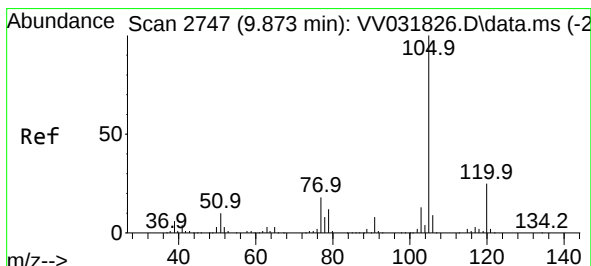
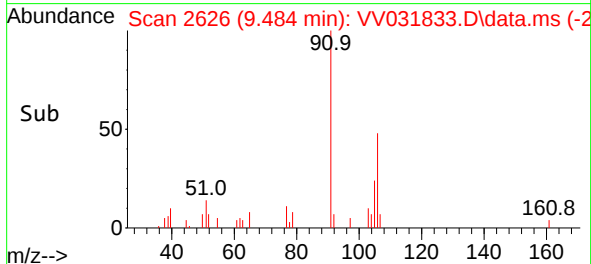
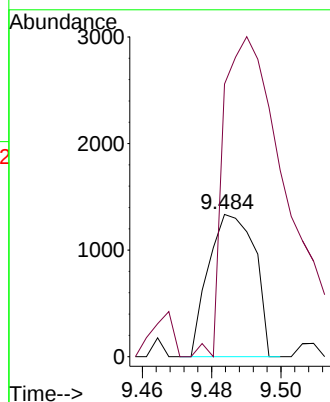
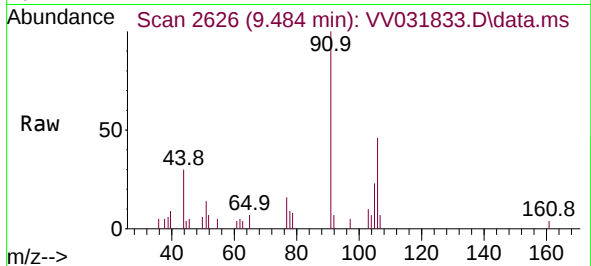




#54
o-Xylene
Concen: 0.076 ug/L
RT: 9.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031833.D
Acq: 17 Aug 2023 16:01

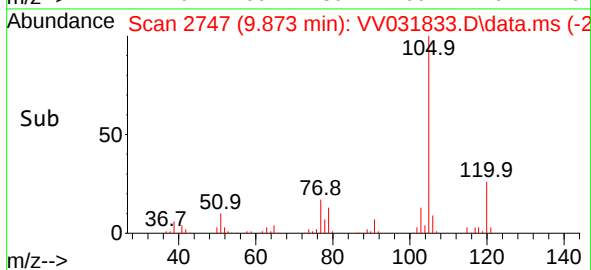
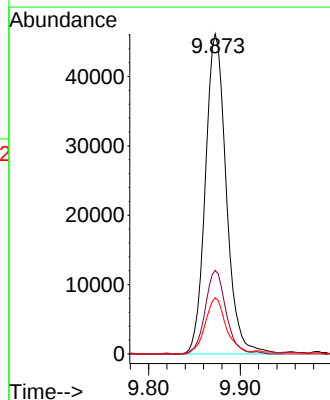
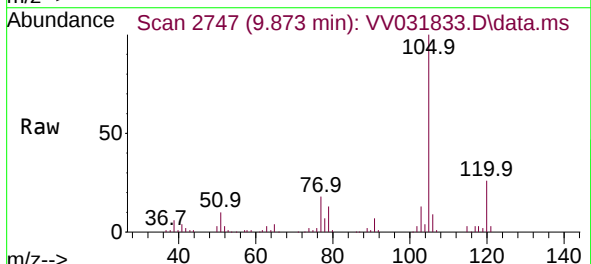
Instrument :
MSVOA_V
ClientSampleId :

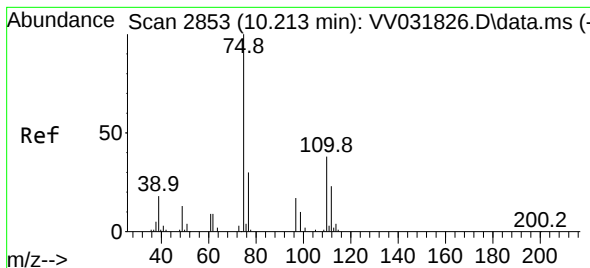
Tgt Ion:106 Resp: 1237
Ion Ratio Lower Upper
106 100
91 191.6 154.0 286.0



#60
Isopropylbenzene
Concen: 1.730 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.000 min
Lab File: VV031833.D
Acq: 17 Aug 2023 16:01

Tgt Ion:105 Resp: 73075
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 17.7 14.2 21.2





#61

1,2,3-Trichloropropane

Concen: 1.308 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV031833.D

Acq: 17 Aug 2023 16:01

Instrument :

MSVOA_V

ClientSampleId :

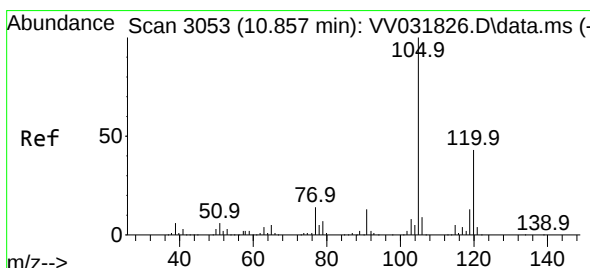
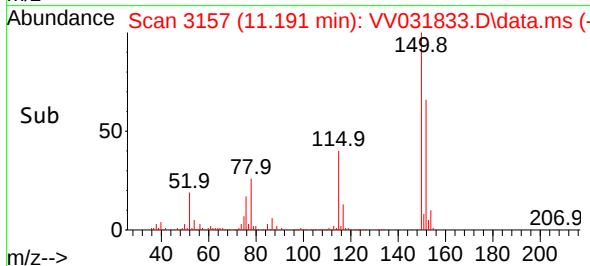
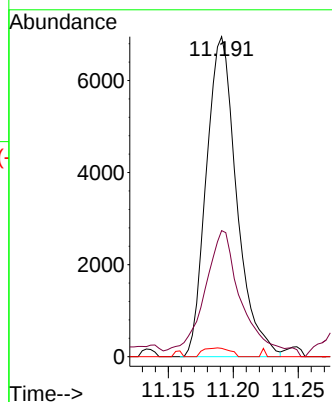
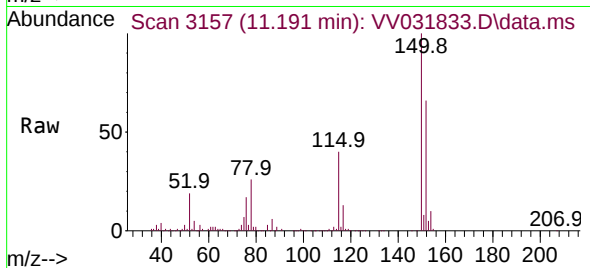
Tgt Ion: 75 Resp: 11288

Ion Ratio Lower Upper

75 100

77 49.0 26.6 40.0#

110 2.4 32.0 48.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.124 ug/L

RT: 10.863 min Scan# 3055

Delta R.T. 0.007 min

Lab File: VV031833.D

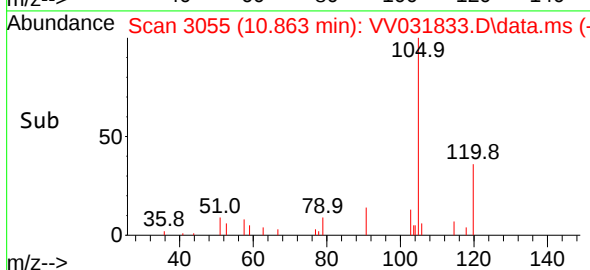
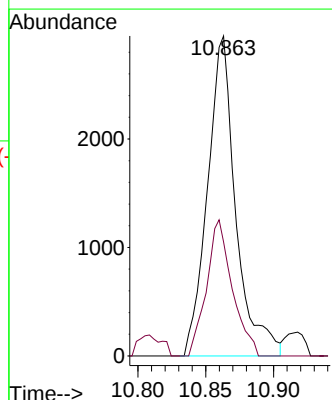
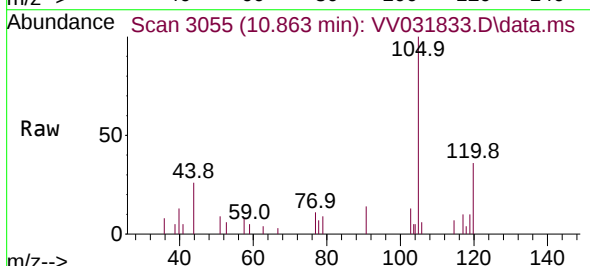
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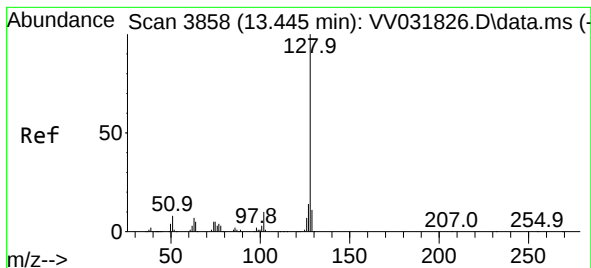
Tgt Ion: 105 Resp: 4271

Ion Ratio Lower Upper

105 100

120 38.7 34.5 51.7





#71

Naphthalene

Concen: 9.526 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031833.D

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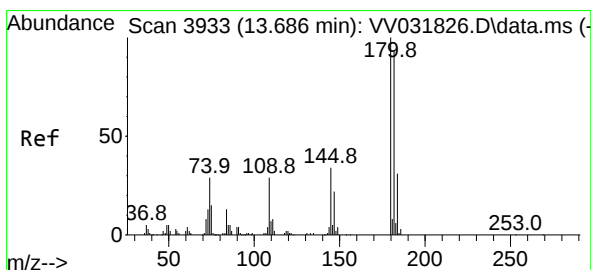
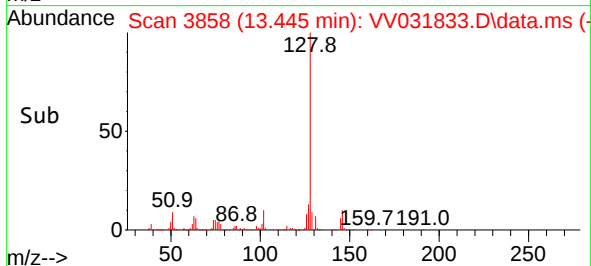
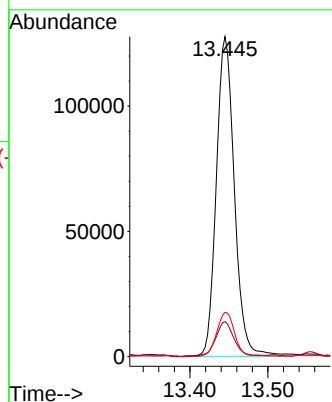
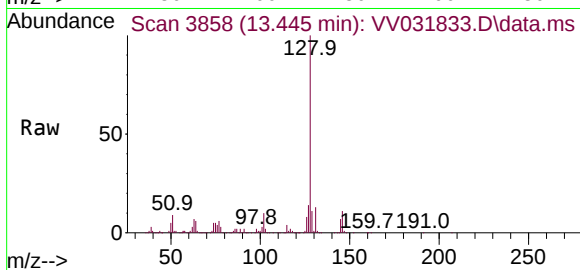
Tgt Ion:128 Resp: 205561

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

127 13.8 11.0 16.4



#72

1,2,3-Trichlorobenzene

Concen: 0.079 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031833.D

Acq: 17 Aug 2023 16:01

Tgt Ion:180 Resp: 1051

Ion Ratio Lower Upper

180 100

182 91.8 75.9 113.9

145 1253.6 27.6 41.4#

