

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
 Data File : VV021858.D
 Acq On : 18 Aug 2021 12:14
 Operator : SY/MD
 Sample : M3422-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 01:16:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 19 01:14:55 2021
 Response via : Initial Calibration

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

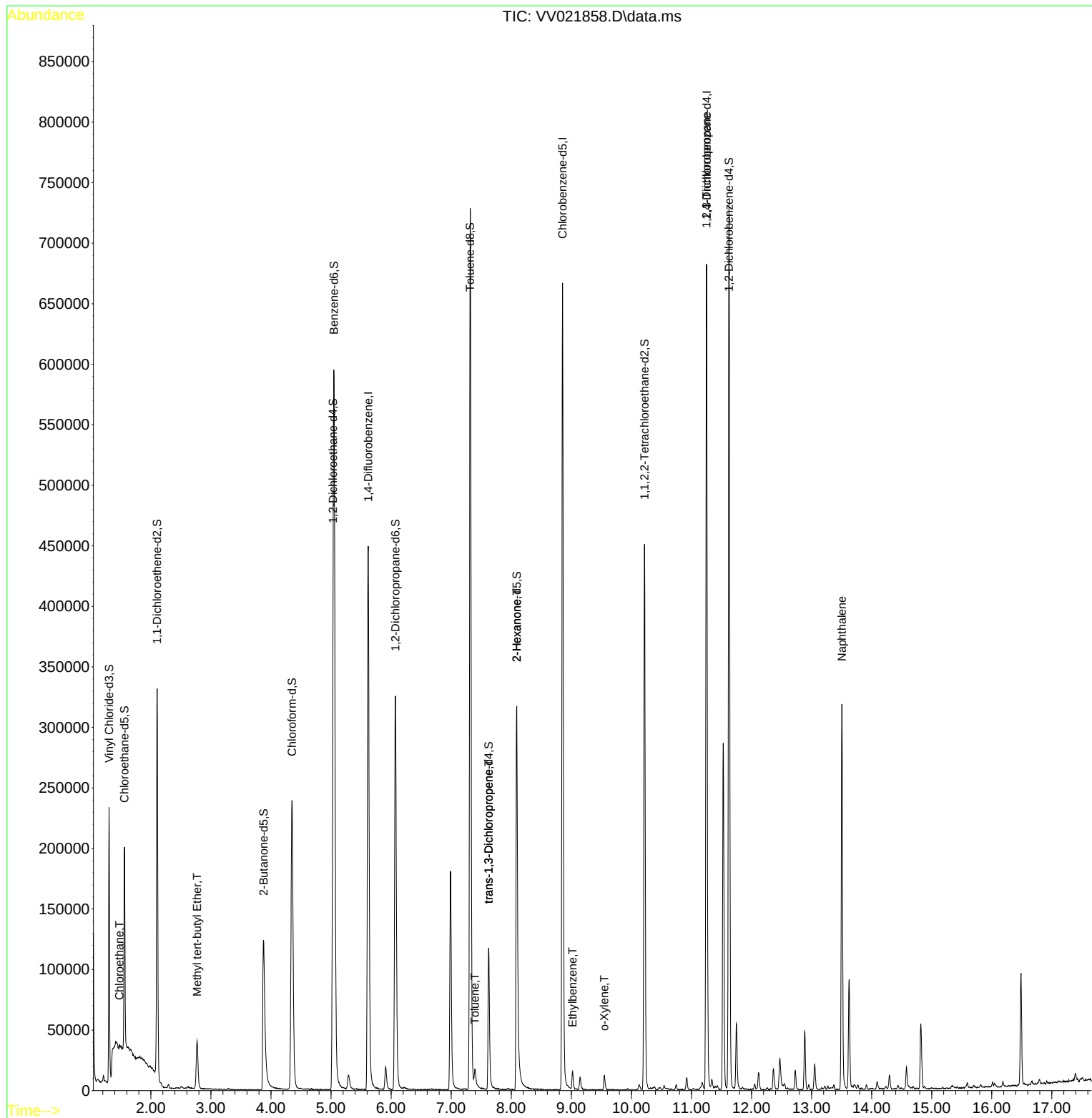
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	406049	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	379427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	188092	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143178	45.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.200%
7) Chloroethane-d5	1.561	69	110138	45.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.960%
11) 1,1-Dichloroethene-d2	2.105	63	156040	30.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.760%
21) 2-Butanone-d5	3.876	46	195457	99.003	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.000%
24) Chloroform-d	4.349	84	254757	46.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
26) 1,2-Dichloroethane-d4	5.034	65	153703	48.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
32) Benzene-d6	5.050	84	536565	49.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
36) 1,2-Dichloropropane-d6	6.072	67	169444	49.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.740%
41) Toluene-d8	7.317	98	487350	48.325	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.640%
43) trans-1,3-Dichloroprop...	7.625	79	69770	41.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.440%
47) 2-Hexanone-d5	8.092	63	109419	98.255	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.250%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	216639	51.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	194010	49.840	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.680%
Target Compounds						Qvalue
8) Chloroethane	1.478	64	4050	2.110	ug/L #	51
18) Methyl tert-butyl Ether	2.770	73	41360	4.775	ug/L	100
42) Toluene	7.394	91	12062	0.967	ug/L	89
44) trans-1,3-Dichloropropene	7.625	75	2947	0.668	ug/L #	78
48) 2-Hexanone	8.092	43	12700	4.031	ug/L #	67
52) Ethylbenzene	9.021	91	11641	0.875	ug/L	99
54) o-Xylene	9.551	106	3357	0.657	ug/L	88
61) 1,2,3-Trichloropropane	11.249	75	20289	5.837	ug/L #	66
71) Naphthalene	13.506	128	248752	23.067	ug/L	99

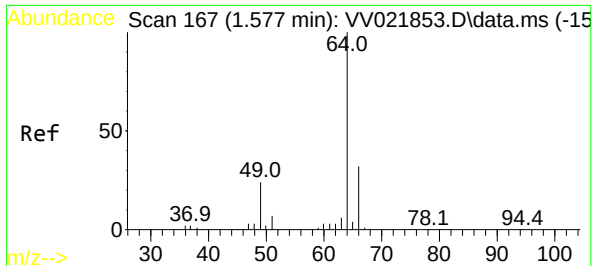
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 19 01:14:55 2021
Response via : Initial Calibration

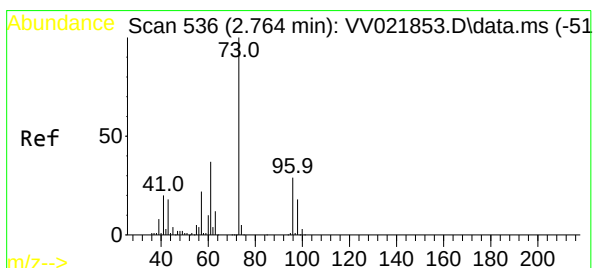
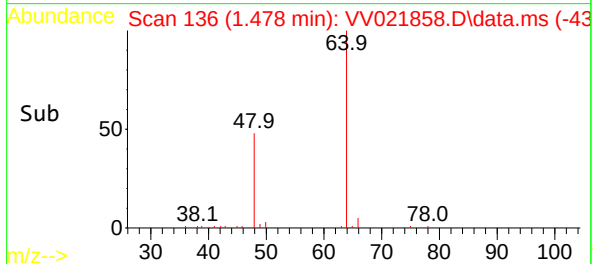
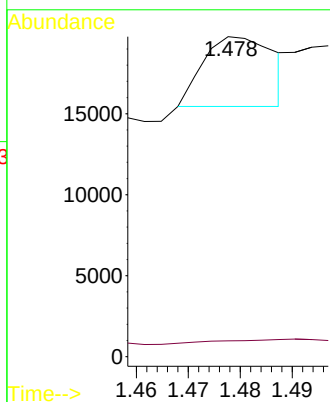
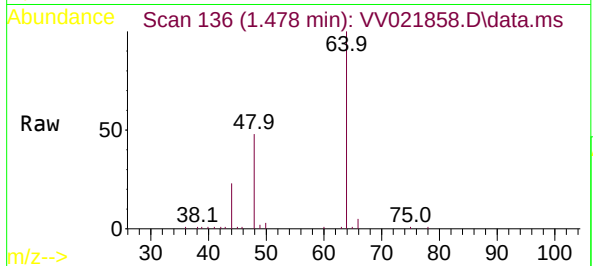




#8
Chloroethane
Concen: 2.110 ug/L
RT: 1.478 min Scan# 136
Delta R.T. -0.100 min
Lab File: VV021858.D
Acq: 18 Aug 2021 12:14

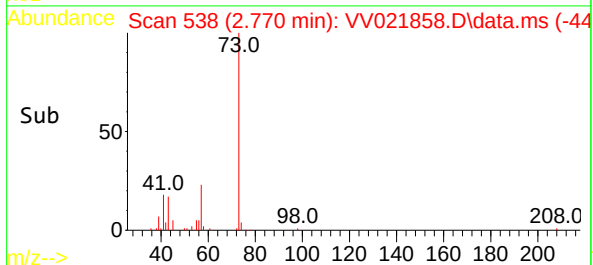
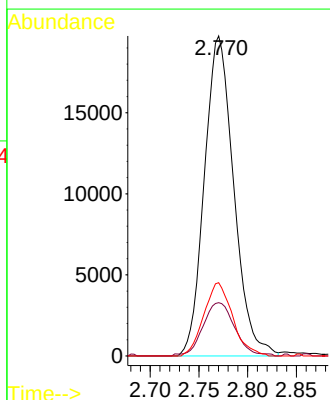
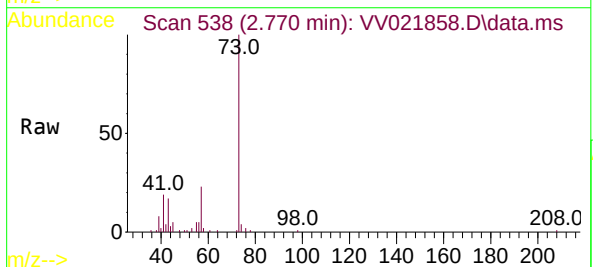
Instrument :
MSVOA_V
ClientSampled :

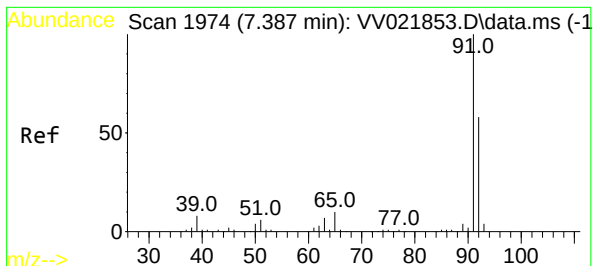
Tgt Ion: 64 Resp: 4050
Ion Ratio Lower Upper
64 100
66 5.0 22.6 42.0#



#18
Methyl tert-butyl Ether
Concen: 4.775 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV021858.D
Acq: 18 Aug 2021 12:14

Tgt Ion: 73 Resp: 41360
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 22.5 17.7 26.5





#42

Toluene

Concen: 0.967 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV021858.D

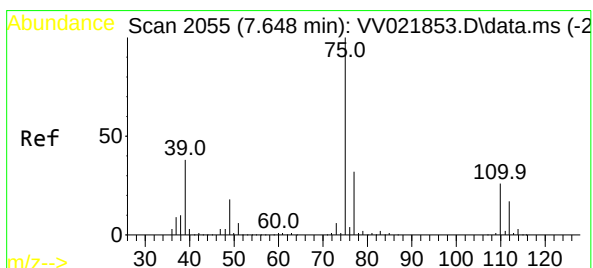
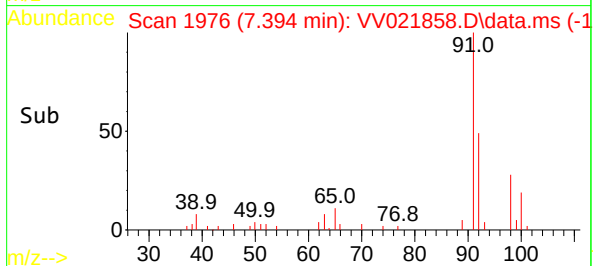
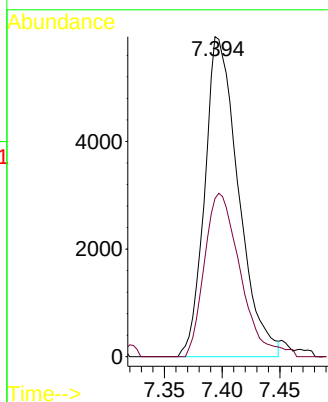
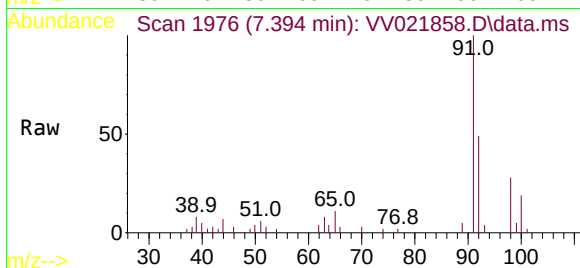
Acq: 18 Aug 2021 12:14

Tgt Ion: 91 Resp: 12062

Ion Ratio Lower Upper

91 100

92 49.5 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 0.668 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.022 min

Lab File: VV021858.D

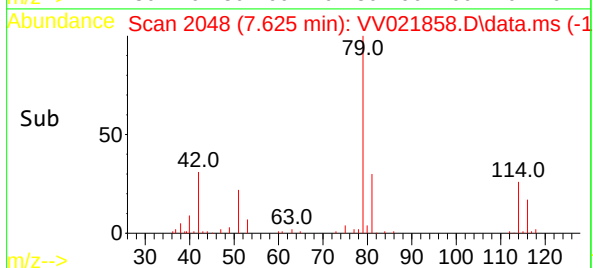
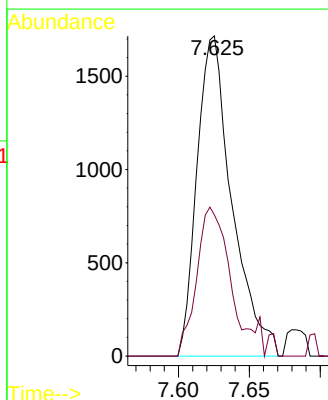
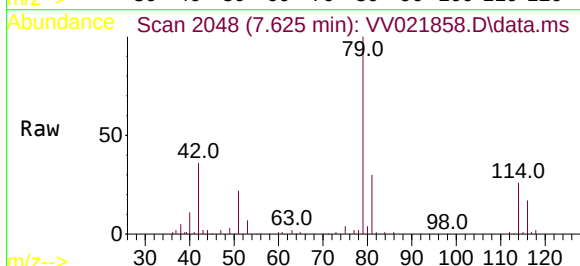
Acq: 18 Aug 2021 12:14

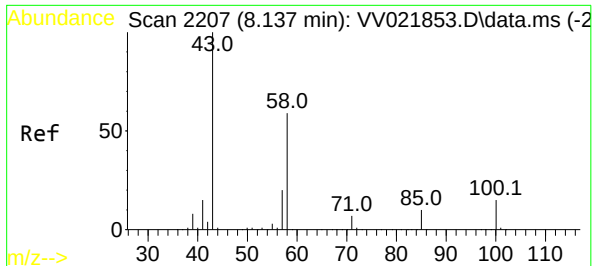
Tgt Ion: 75 Resp: 2947

Ion Ratio Lower Upper

75 100

77 44.1 22.2 41.2#

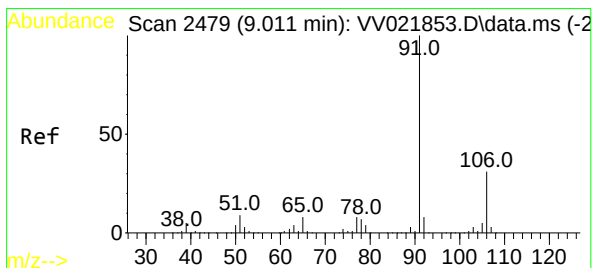
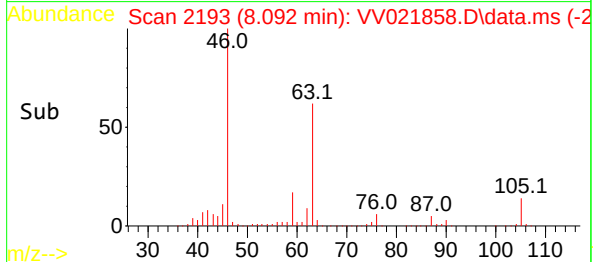
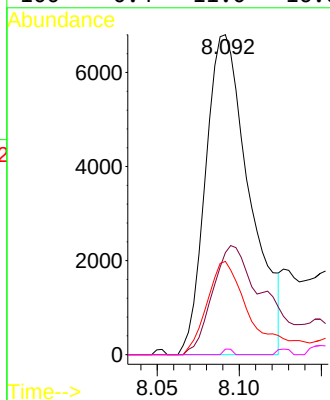
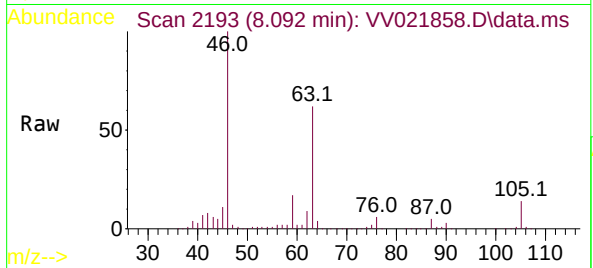




#48
2-Hexanone
Concen: 4.031 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV021858.D
Acq: 18 Aug 2021 12:14

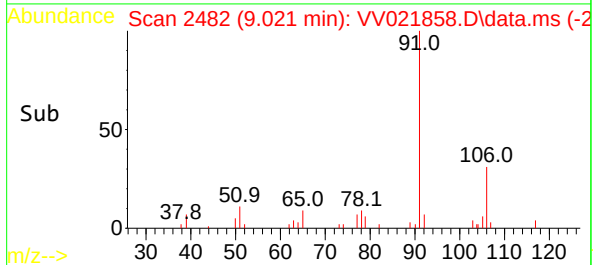
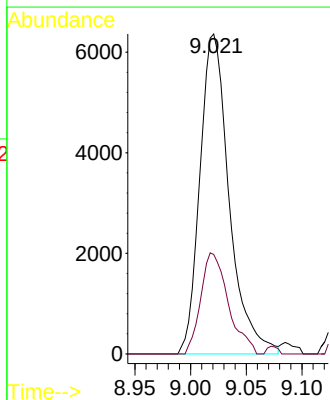
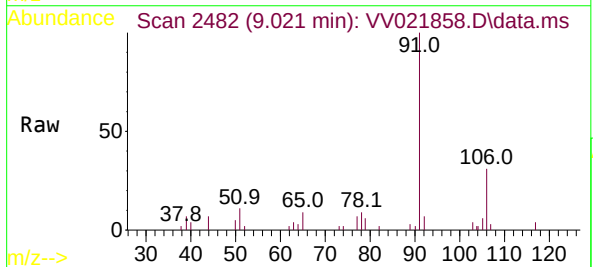
Instrument :
MSVOA_V
ClientSampled :

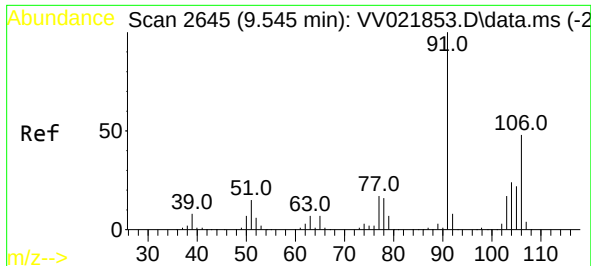
Tgt Ion: 43	Resp: 12700
Ion Ratio	Lower Upper
43 100	
58 29.1	45.4 68.2#
57 27.4	15.3 22.9#
100 0.4	11.0 16.6#



#52
Ethylbenzene
Concen: 0.875 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV021858.D
Acq: 18 Aug 2021 12:14

Tgt Ion: 91	Resp: 11641
Ion Ratio	Lower Upper
91 100	
106 31.1	22.2 41.2

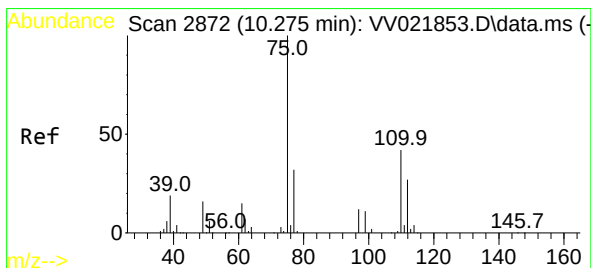
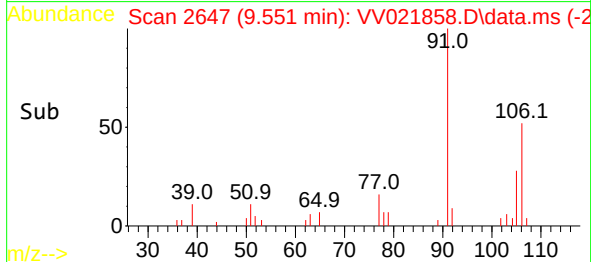
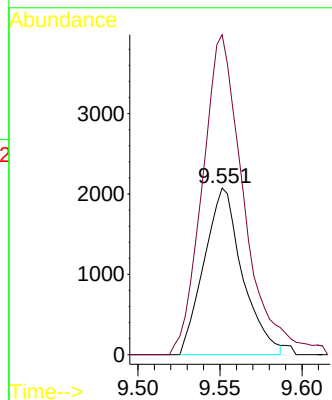
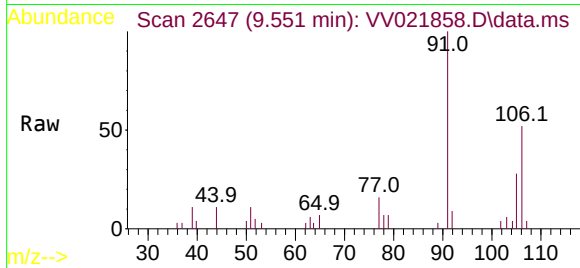




#54
o-Xylene
Concen: 0.657 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV021858.D
Acq: 18 Aug 2021 12:14

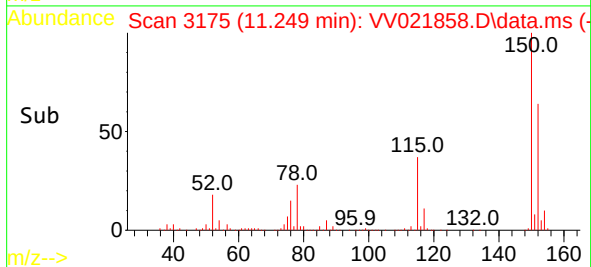
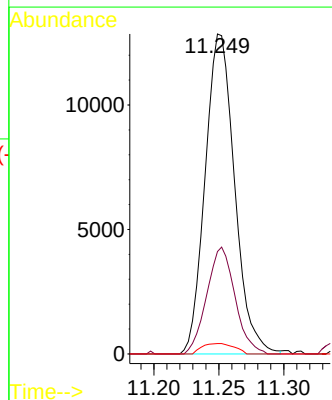
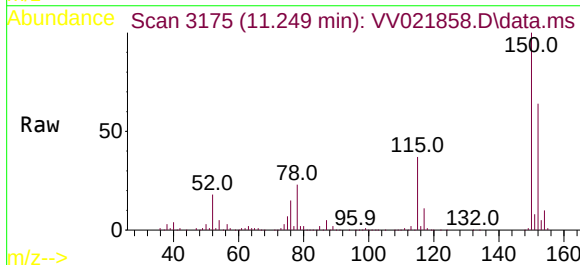
Instrument :
MSVOA_V
ClientSampled :

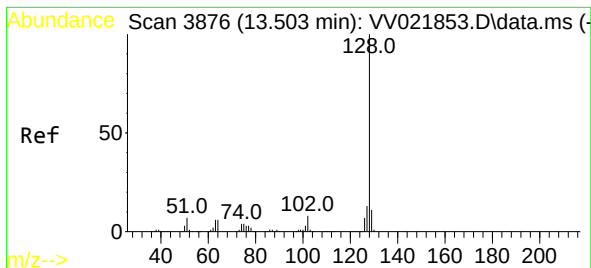
Tgt Ion:106 Resp: 3357
Ion Ratio Lower Upper
106 100
91 192.2 148.1 275.0



#61
1,2,3-Trichloropropane
Concen: 5.837 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021858.D
Acq: 18 Aug 2021 12:14

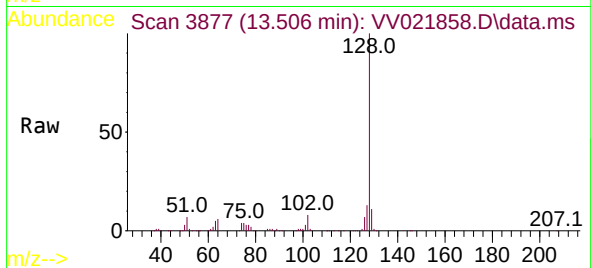
Tgt Ion: 75 Resp: 20289
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 3.5 33.4 50.2#





#71
Naphthalene
Concen: 23.067 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021858.D
Acq: 18 Aug 2021 12:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 248752
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.0 8.5 12.7

