

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021887.D
 Acq On : 19 Aug 2021 13:35
 Operator : SY/MD
 Sample : M3422-09DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKB0DL

Quant Time: Aug 20 02:17:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

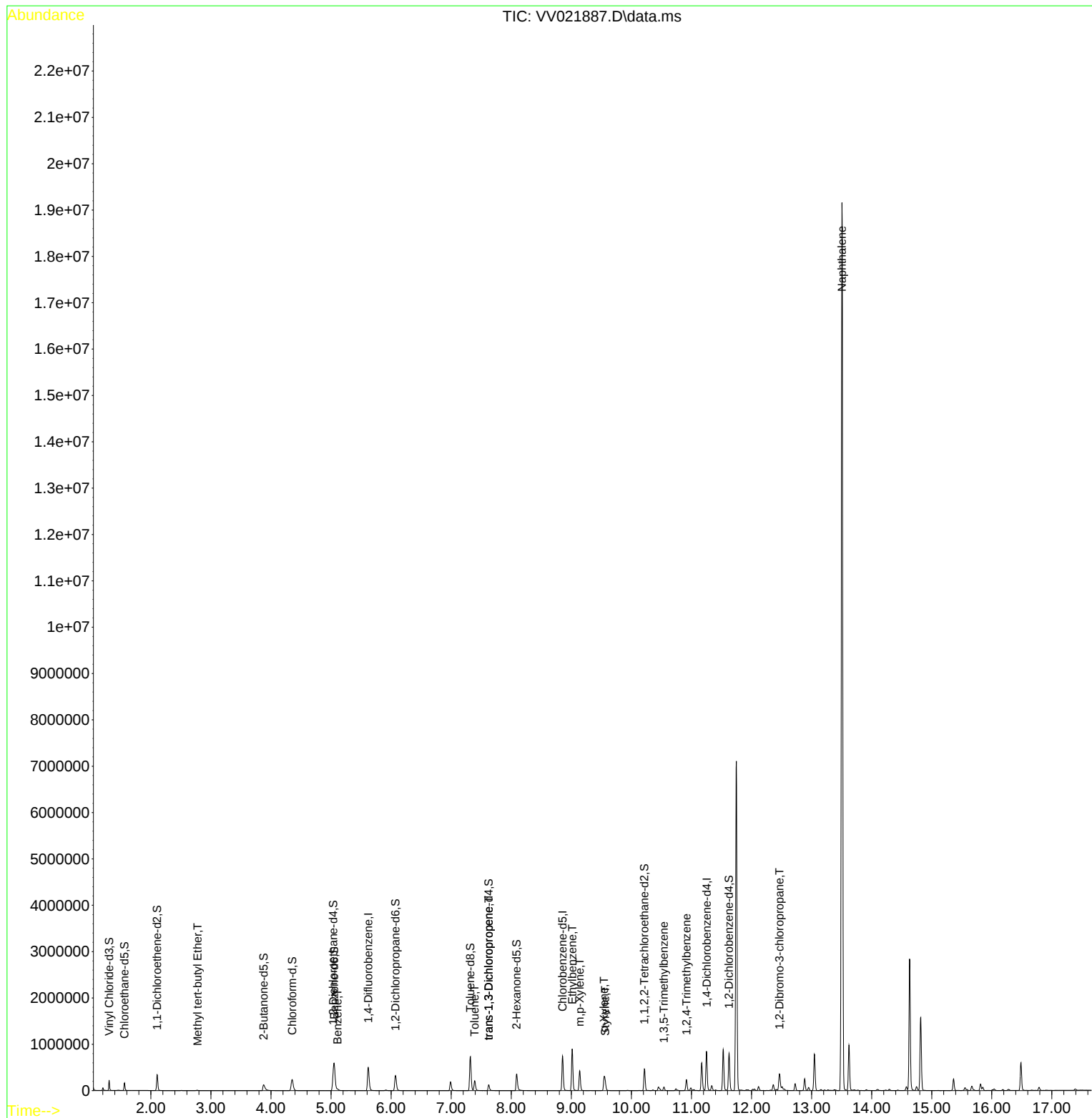
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	461689	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	428984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	231676	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135191	37.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.920%
7) Chloroethane-d5	1.561	69	107908	39.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.240%
11) 1,1-Dichloroethene-d2	2.105	63	172810	30.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.160%
21) 2-Butanone-d5	3.876	46	197271	87.880	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.880%
24) Chloroform-d	4.352	84	254129	40.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.280%
26) 1,2-Dichloroethane-d4	5.037	65	154011	42.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
32) Benzene-d6	5.053	84	539364	43.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	6.072	67	167516	43.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.220%
41) Toluene-d8	7.320	98	499874	43.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	7.625	79	74036	39.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.320%
47) 2-Hexanone-d5	8.088	63	127893	101.577	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	234069	49.168	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.340%
66) 1,2-Dichlorobenzene-d4	11.625	152	212825	44.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.780%
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	2.777	73	9691	0.984	ug/L	96
33) Benzene	5.108	78	30683	2.324	ug/L	100
42) Toluene	7.391	91	159082	11.283	ug/L	97
44) trans-1,3-Dichloropropene	7.625	75	3073	0.616	ug/L #	80
52) Ethylbenzene	9.014	91	645294	42.900	ug/L	99
53) m,p-Xylene	9.140	106	126793	21.750	ug/L	100
54) o-Xylene	9.545	106	74844	12.952	ug/L	100
55) Styrene	9.564	104	89715	9.271	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	40604	3.115	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	131979	9.959	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.464	75	8825	8.478	ug/L #	1
71) Naphthalene	13.506	128	14492395	1091.051	ug/L #	94

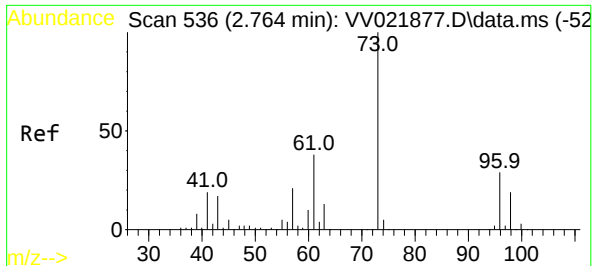
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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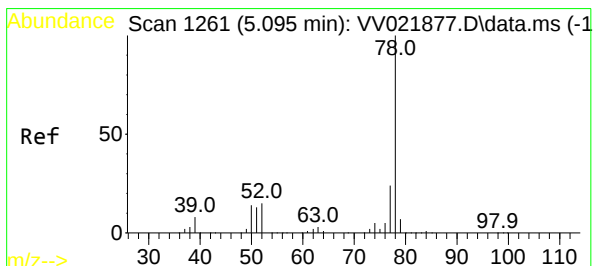
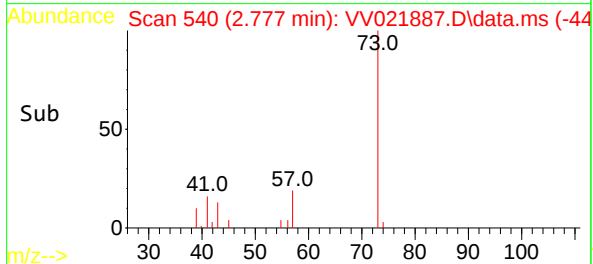
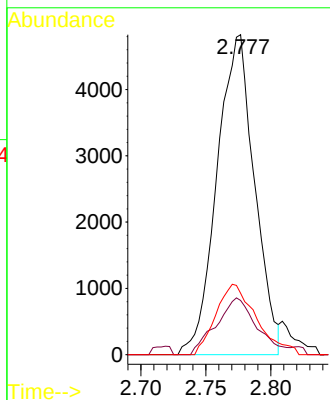
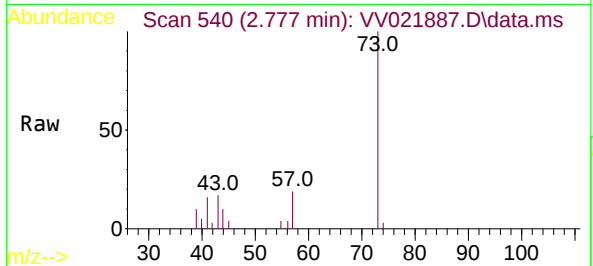




#18
Methyl tert-butyl Ether
Concen: 0.984 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.013 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

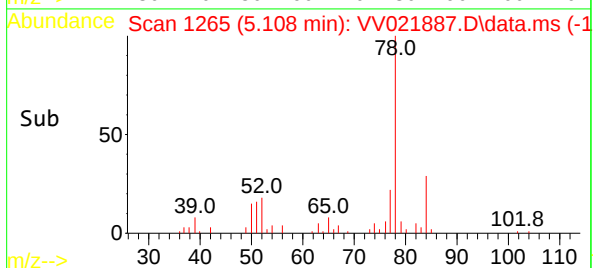
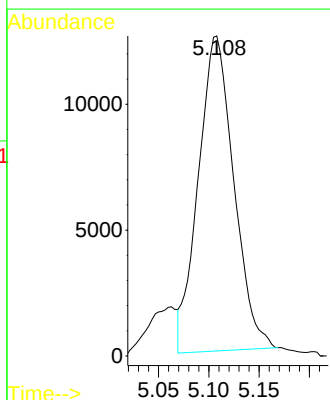
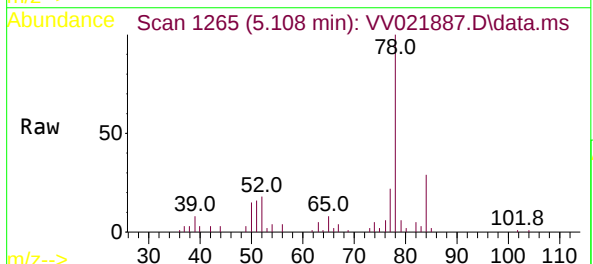
Instrument :
MSVOA_V
ClientSampleId :
DBKB0DL

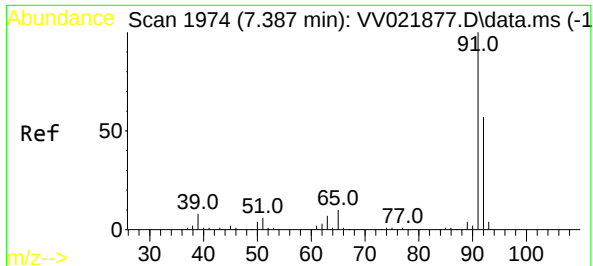
Tgt Ion: 73 Resp: 9691
Ion Ratio Lower Upper
73 100
43 19.4 14.2 21.4
57 23.8 17.7 26.5



#33
Benzene
Concen: 2.324 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

Tgt Ion: 78 Resp: 30683

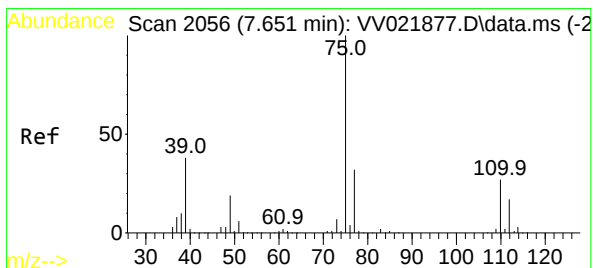
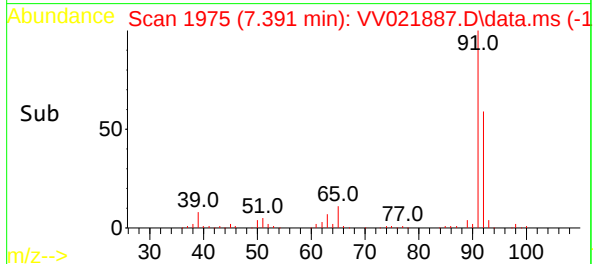
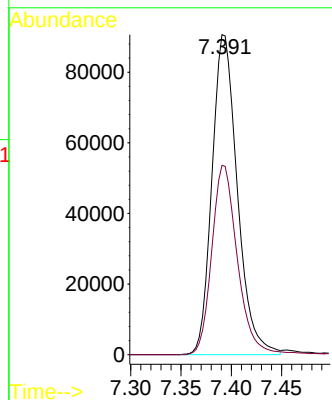
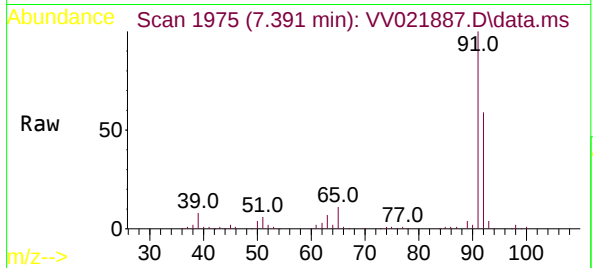




#42
Toluene
Concen: 11.283 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

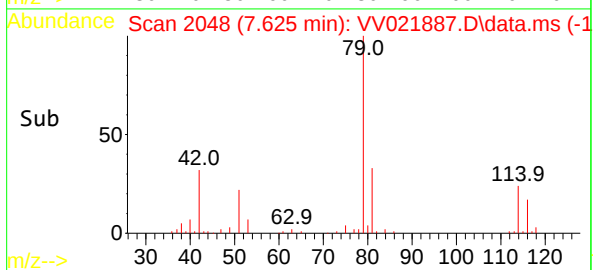
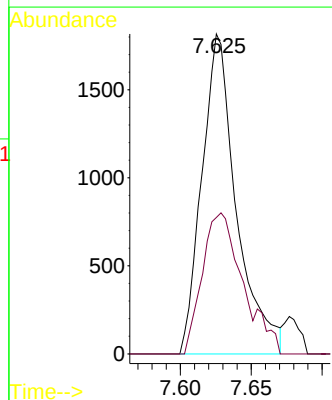
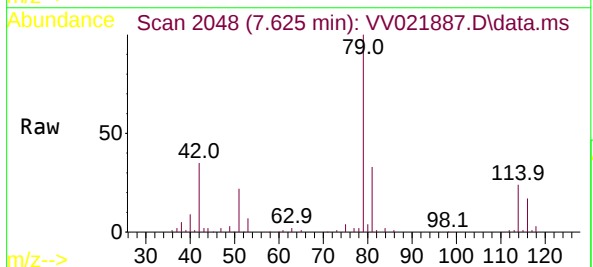
Instrument :
MSVOA_V
ClientSampleId :
DBKB0DL

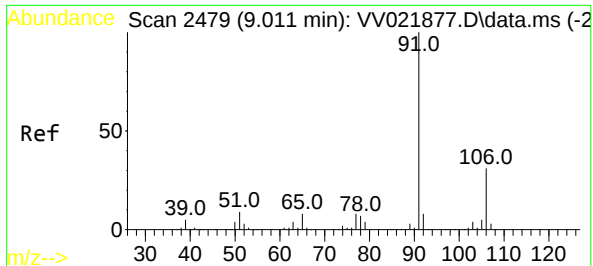
Tgt Ion: 91 Resp: 159082
Ion Ratio Lower Upper
91 100
92 59.2 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 0.616 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

Tgt Ion: 75 Resp: 3073
Ion Ratio Lower Upper
75 100
77 42.7 22.2 41.2#





#52

Ethylbenzene

Concen: 42.900 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021887.D

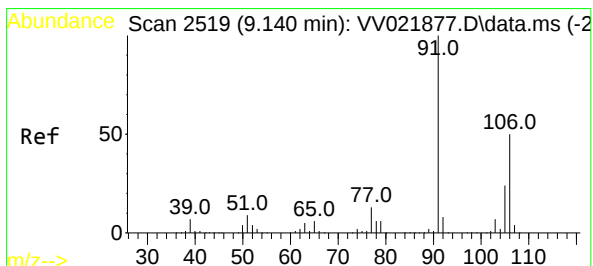
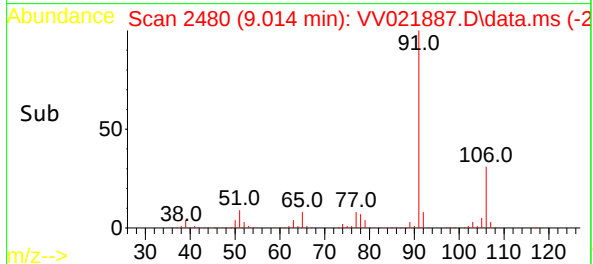
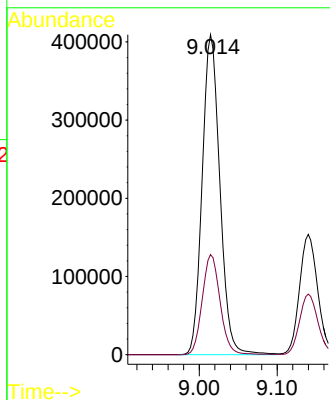
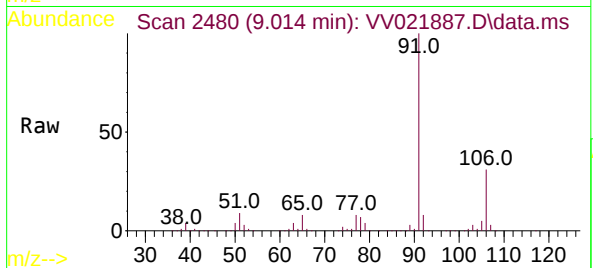
Acq: 19 Aug 2021 13:35

Tgt Ion: 91 Resp: 645294

Ion Ratio Lower Upper

91 100

106 31.3 22.2 41.2



#53

m,p-Xylene

Concen: 21.750 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021887.D

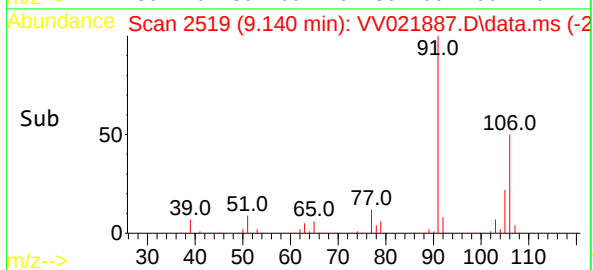
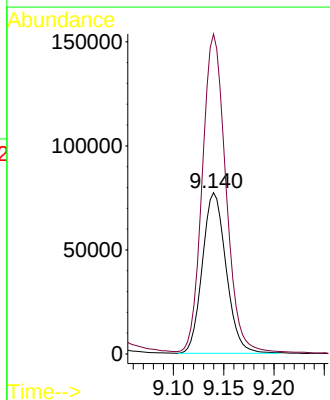
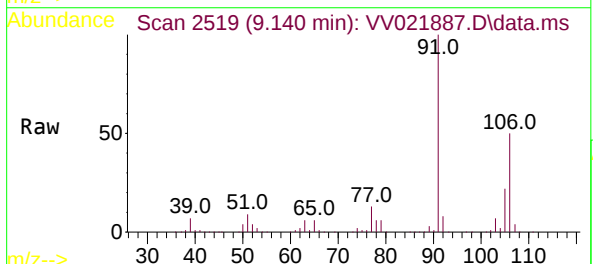
Acq: 19 Aug 2021 13:35

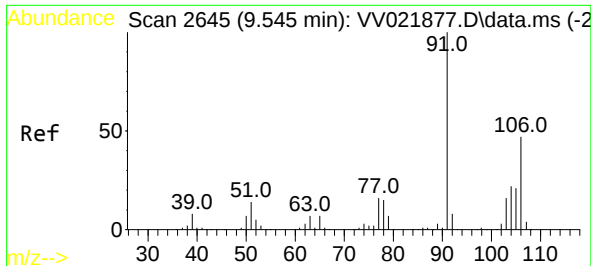
Tgt Ion: 106 Resp: 126793

Ion Ratio Lower Upper

106 100

91 198.5 139.2 258.6

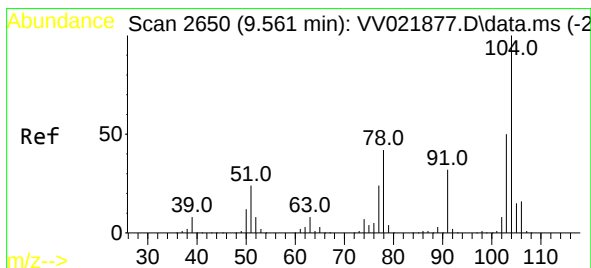
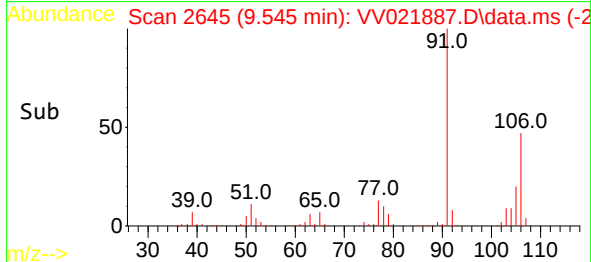
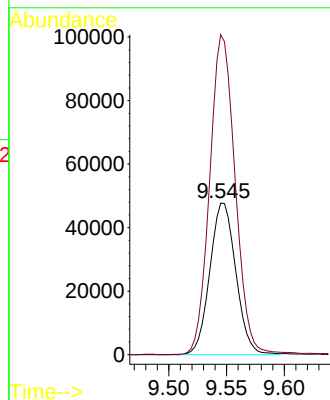
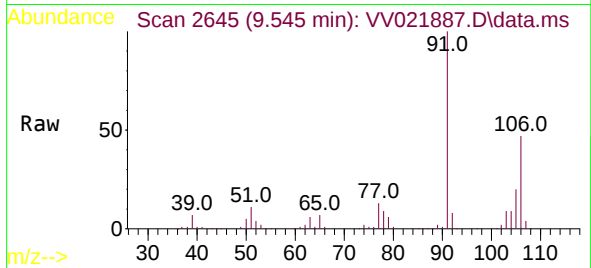




#54
o-Xylene
Concen: 12.952 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

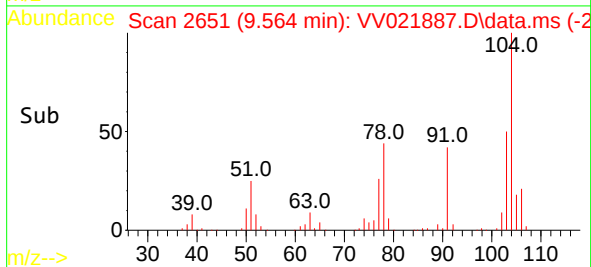
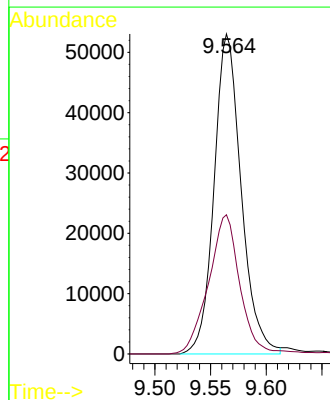
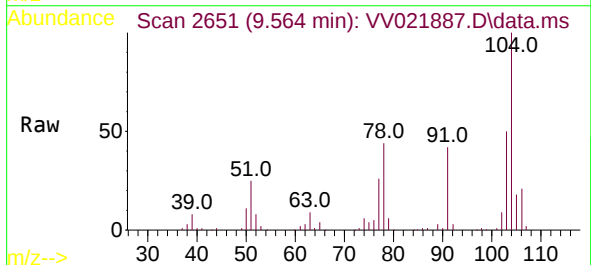
Instrument :
MSVOA_V
ClientSampled :
DBKB0DL

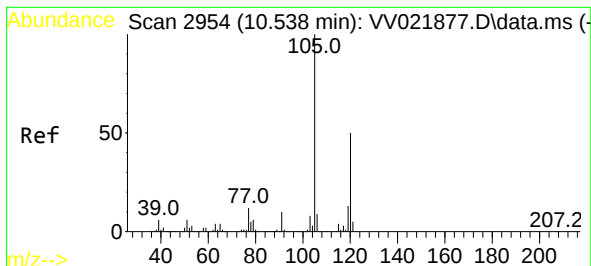
Tgt Ion:106 Resp: 74844
Ion Ratio Lower Upper
106 100
91 211.1 148.1 275.0



#55
Styrene
Concen: 9.271 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

Tgt Ion:104 Resp: 89715
Ion Ratio Lower Upper
104 100
78 43.5 30.2 56.2

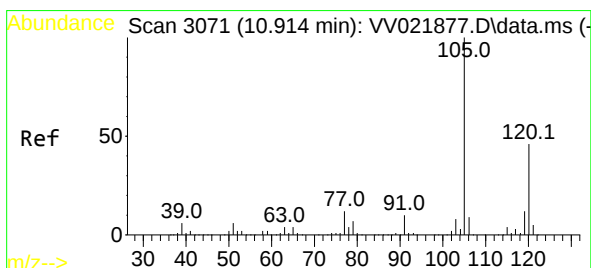
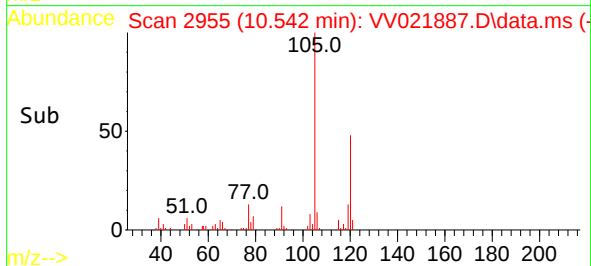
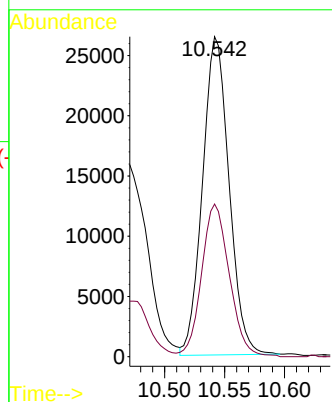
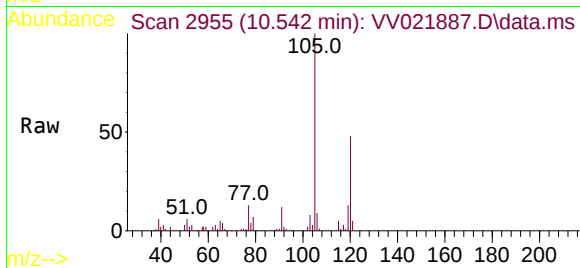




#62
1,3,5-Trimethylbenzene
Concen: 3.115 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

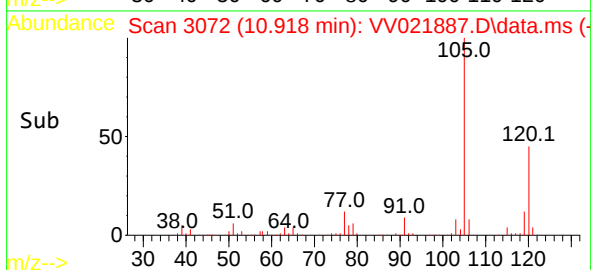
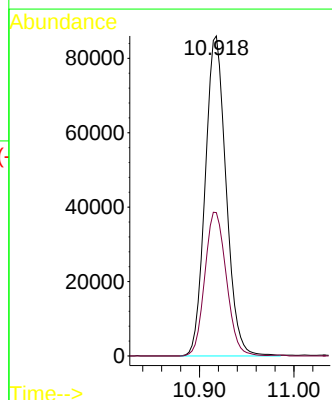
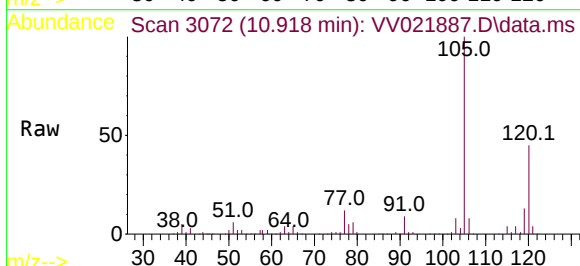
Instrument :
MSVOA_V
ClientSampleId :
DBKB0DL

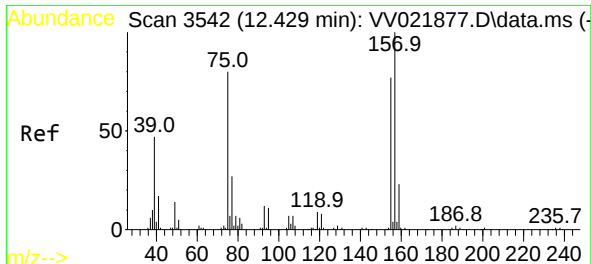
Tgt Ion:105 Resp: 40604
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 9.959 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

Tgt Ion:105 Resp: 131979
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9

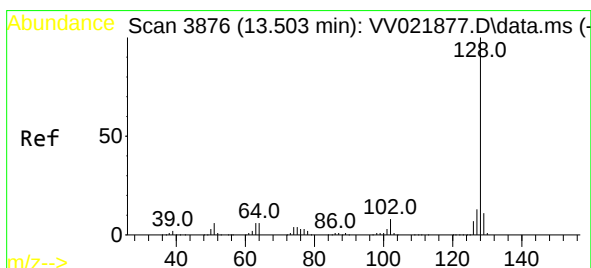
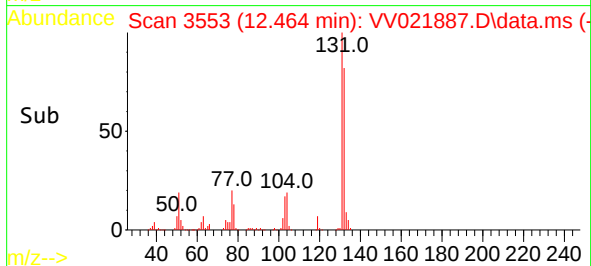
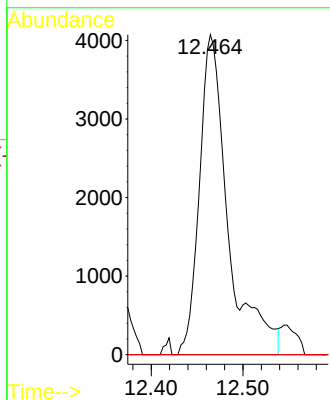
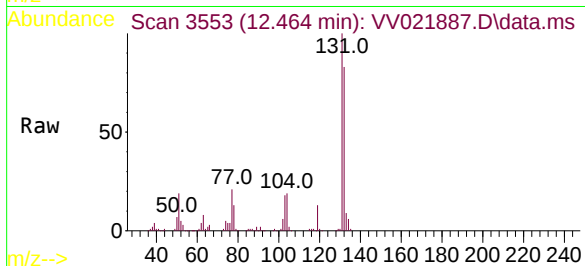




#68
1,2-Dibromo-3-chloropropane
Concen: 8.478 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.036 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

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MSVOA_V
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Tgt Ion: 75 Resp: 8825
Ion Ratio Lower Upper
75 100
155 0.0 77.8 116.8#
157 0.0 99.4 149.0#



#71
Naphthalene
Concen: 1091.051 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021887.D
Acq: 19 Aug 2021 13:35

Tgt Ion: 128 Resp: 14492395
Ion Ratio Lower Upper
128 100
127 14.8 10.0 15.0
129 12.8 8.5 12.7#

