

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041621\
 Data File : VW021047.D
 Acq On : 16 Apr 2021 15:02
 Operator : SY/MD
 Sample : M2067-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:49:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 17 00:47:19 2021
 Response via : Initial Calibration

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

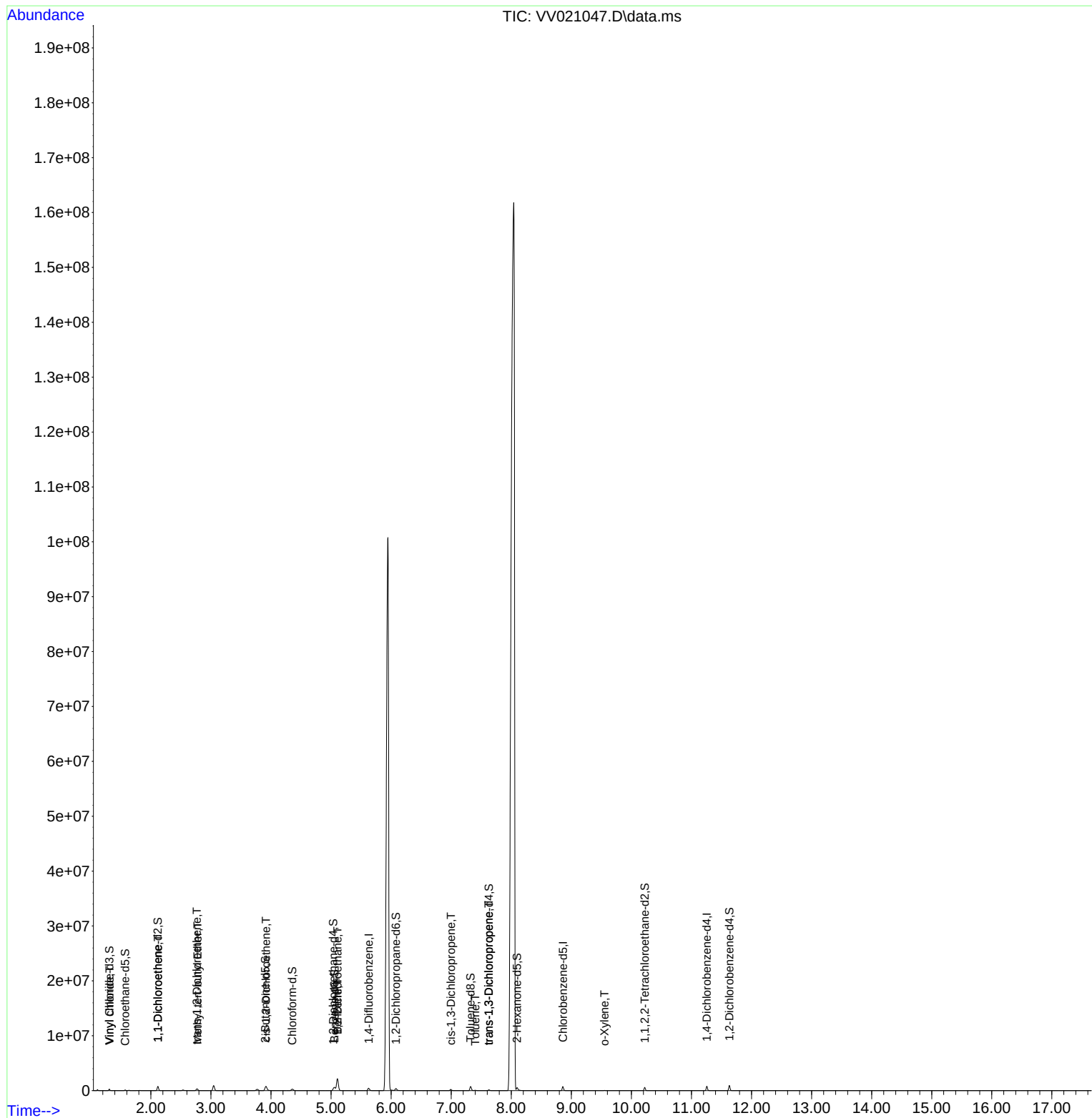
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	408413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	410578	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	212680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	93326	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.571	69	83480	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.58%
11) 1,1-Dichloroethene-d2	2.114	63	252974	53.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.16%
21) 2-Butanone-d5	3.905	46	164911	112.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	4.355	84	287657	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.30%
26) 1,2-Dichloroethane-d4	5.037	65	203297	54.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.08%
32) Benzene-d6	5.056	84	519071	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
36) 1,2-Dichloropropane-d6	6.082	67	149217	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.04%
41) Toluene-d8	7.323	98	512813	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%
43) trans-1,3-Dichloroprop...	7.628	79	93795	54.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.16%
47) 2-Hexanone-d5	8.098	63	148199	122.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.60%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	243530	53.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.78%
66) 1,2-Dichlorobenzene-d4	11.631	152	253406	58.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.72%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	21089	8.66	ug/L #	65
12) 1,1-Dichloroethene	2.121	96	173596	70.99	ug/L #	82
17) trans-1,2-Dichloroethene	2.767	96	5887	2.26	ug/L	91
18) Methyl tert-butyl Ether	2.777	73	117645	14.40	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	406783	146.74	ug/L	96
27) 1,2-Dichloroethane	5.108	62	22521	5.19	ug/L #	76
33) Benzene	5.108	78	2225450	216.96	ug/L	100
39) cis-1,3-Dichloropropene	6.995	75	5827	1.37	ug/L #	53
42) Toluene	7.400	91	54974	4.75	ug/L	94
44) trans-1,3-Dichloropropene	7.625	75	4414	1.00	ug/L	89
54) o-Xylene	9.554	106	8197	1.65	ug/L	78

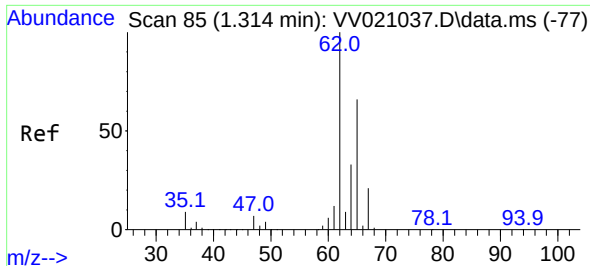
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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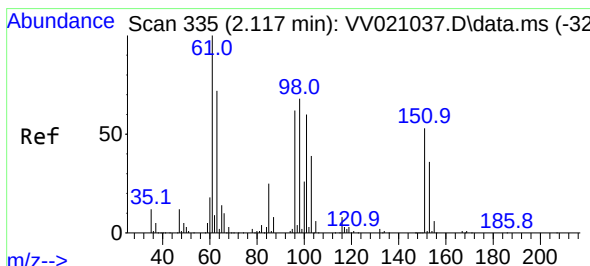
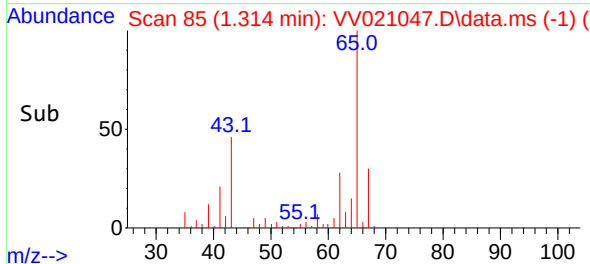
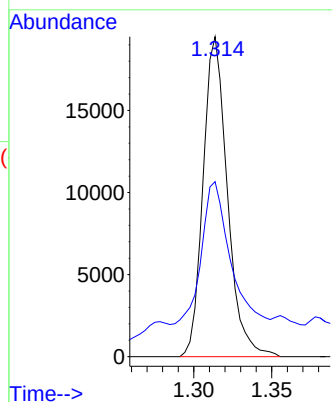
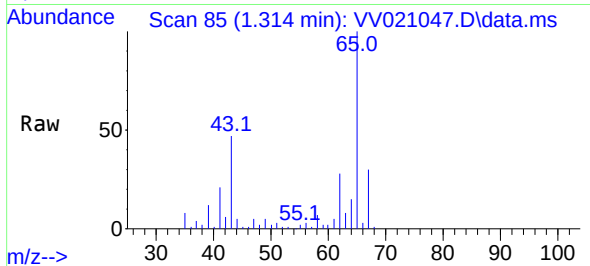




#5
 Vinyl chloride
 Concen: 8.66 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021047.D
 Acq: 16 Apr 2021 15:02

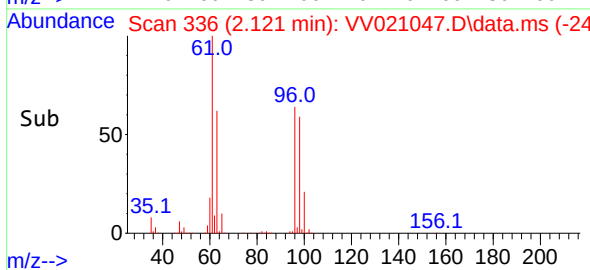
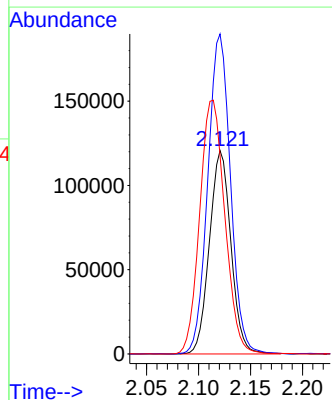
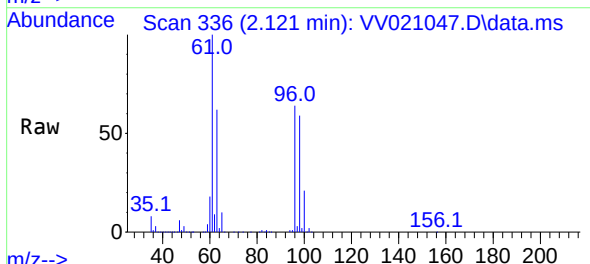
Instrument :
 MSVOA_V
 ClientSampled :

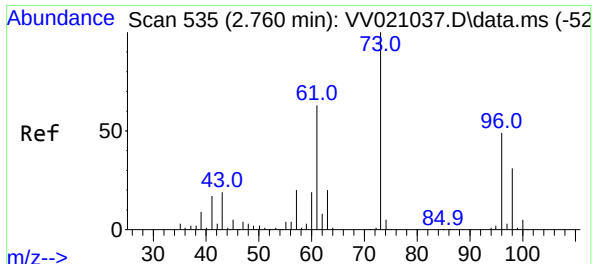
Tgt Ion: 62 Resp: 21089
 Ion Ratio Lower Upper
 62 100
 64 54.7 24.3 45.1#



#12
 1,1-Dichloroethene
 Concen: 70.99 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV021047.D
 Acq: 16 Apr 2021 15:02

Tgt Ion: 96 Resp: 173596
 Ion Ratio Lower Upper
 96 100
 61 157.4 113.1 210.1
 63 97.8 98.1 182.3#

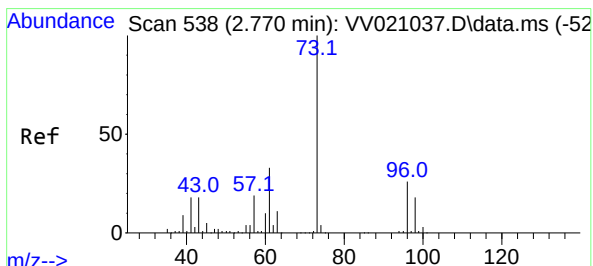
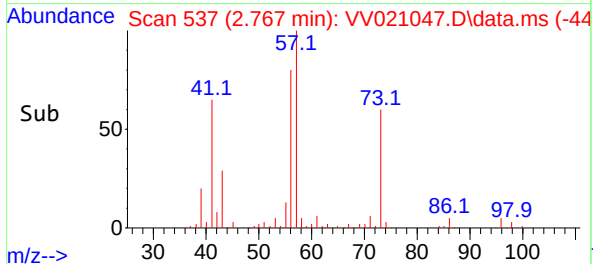
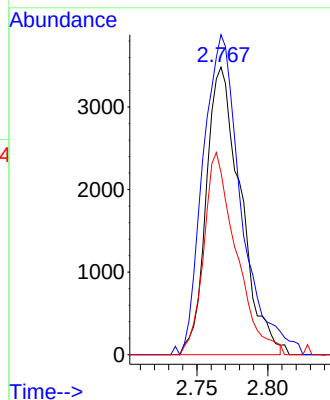
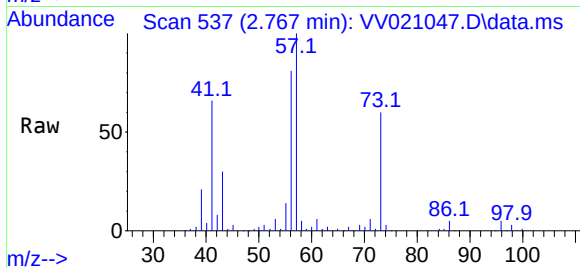




#17
trans-1,2-Dichloroethene
Concen: 2.26 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

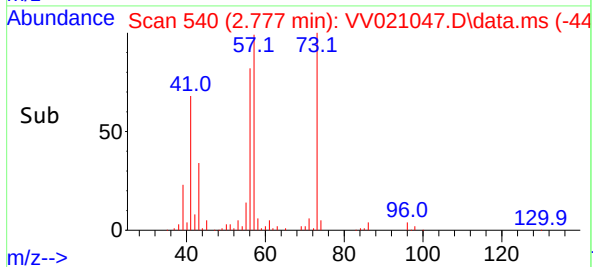
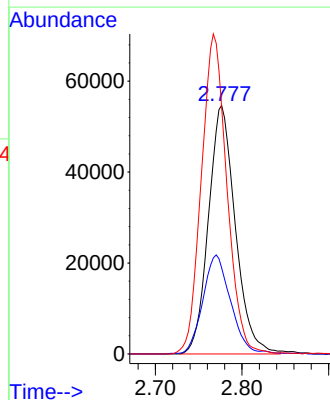
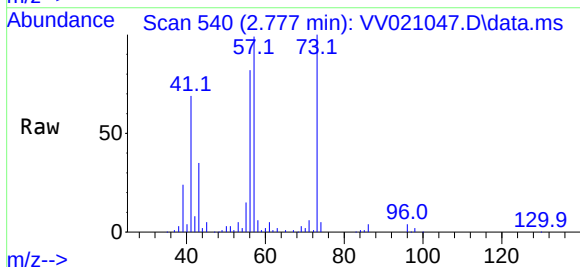
Instrument :
MSVOA_V
ClientSampleId :

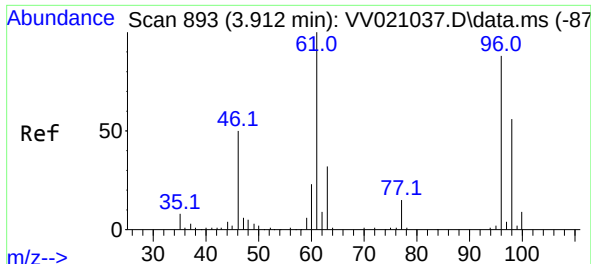
Tgt Ion: 96 Resp: 5887
Ion Ratio Lower Upper
96 100
61 111.3 88.4 164.2
98 63.4 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 14.40 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Tgt Ion: 73 Resp: 117645
Ion Ratio Lower Upper
73 100
43 40.3 15.3 22.9#
57 122.0 14.9 22.3#





#20

cis-1,2-Dichloroethene

Concen: 146.74 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

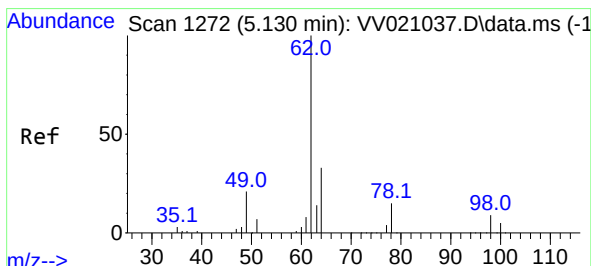
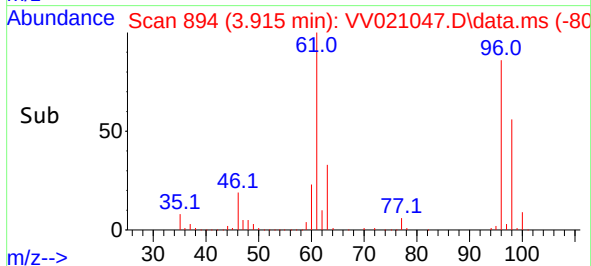
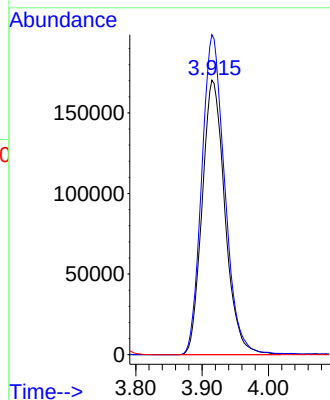
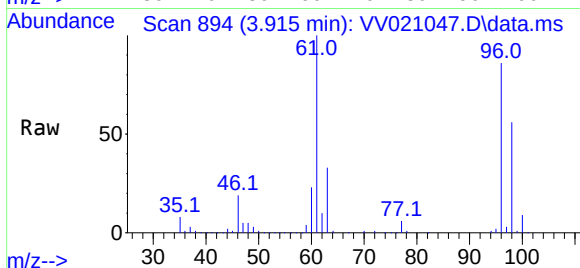
Lab File: VV021047.D

Acq: 16 Apr 2021 15:02

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 96 Resp: 406783

Ion	Ratio	Lower	Upper
96	100		
61	116.6	78.3	145.3
68	0.0	0.0	0.0



#27

1,2-Dichloroethane

Concen: 5.19 ug/L

RT: 5.108 min Scan# 1265

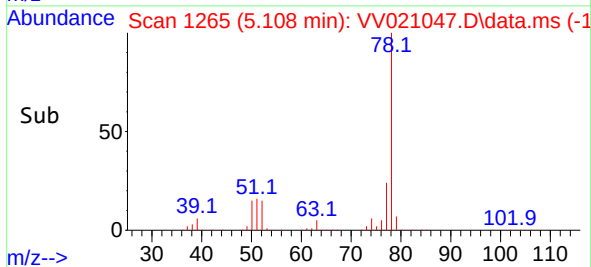
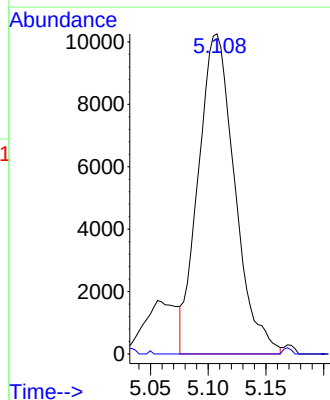
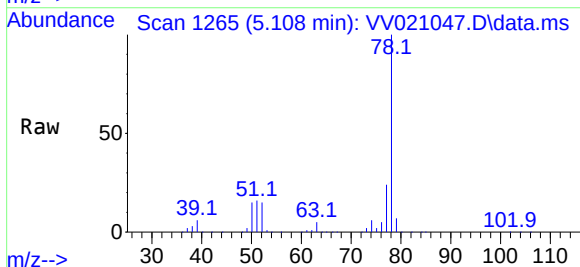
Delta R.T. -0.023 min

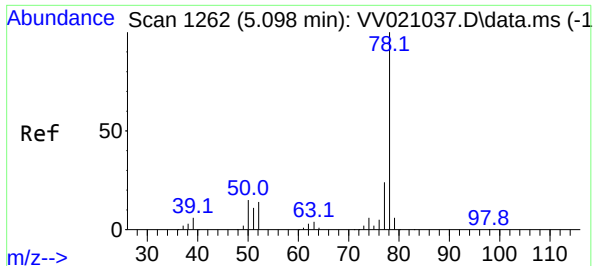
Lab File: VV021047.D

Acq: 16 Apr 2021 15:02

Tgt Ion: 62 Resp: 22521

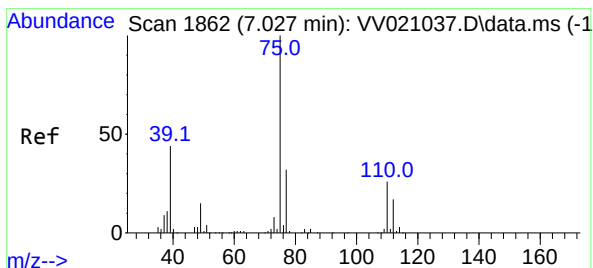
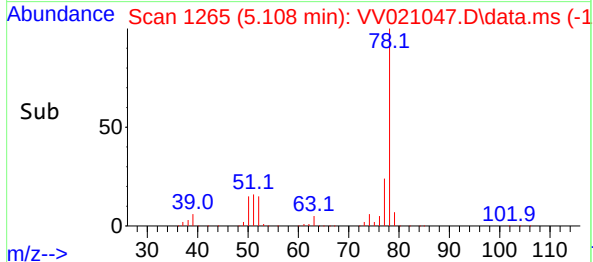
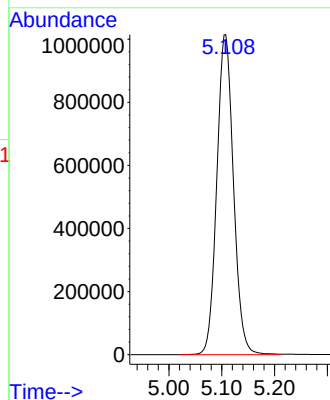
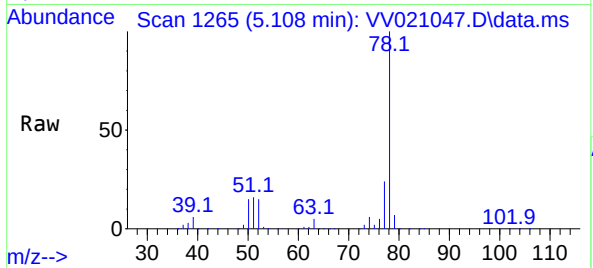
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#



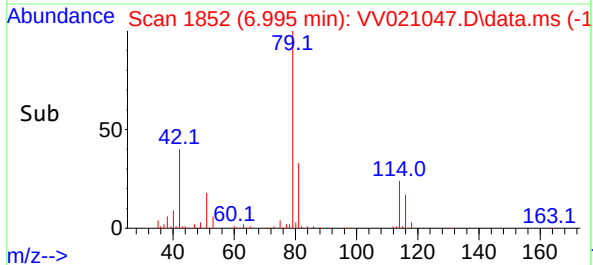
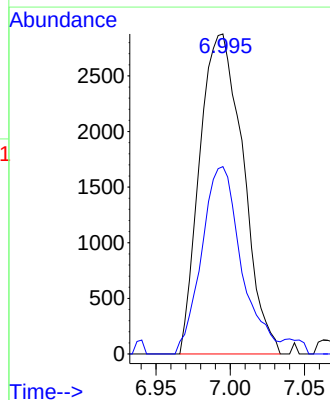
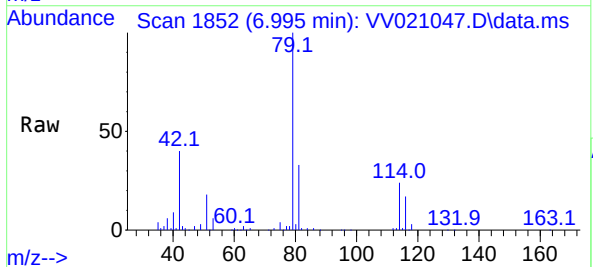


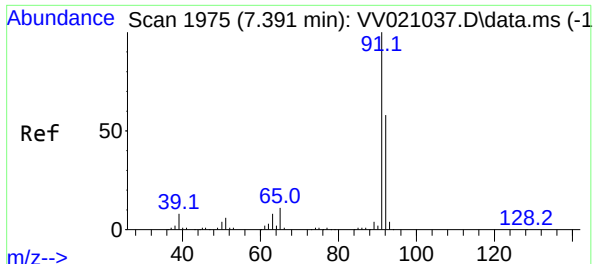
#33
Benzene
Concen: 216.96 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02
Tgt Ion: 78 Resp: 2225450

Instrument :
MSVOA_V
ClientSampled :



#39
cis-1,3-Dichloropropene
Concen: 1.37 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02
Tgt Ion: 75 Resp: 5827
Ion Ratio Lower Upper
75 100
77 58.5 22.6 42.0#

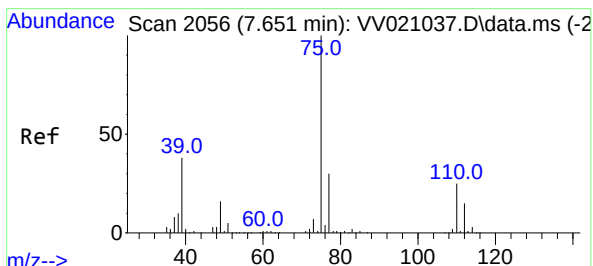
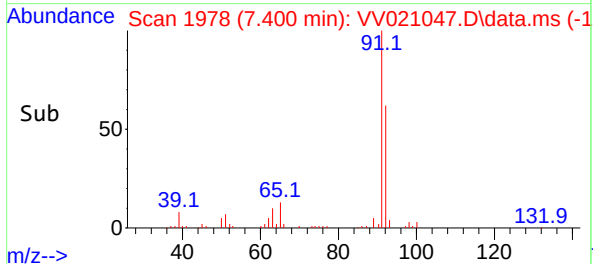
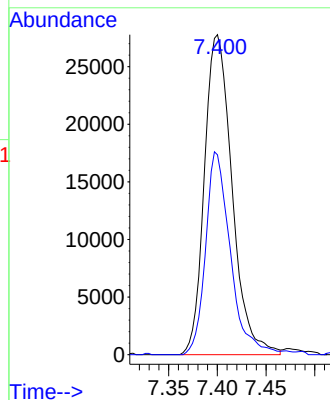
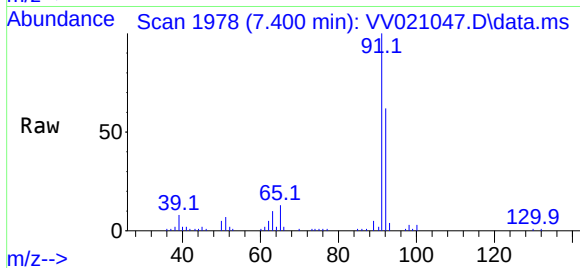




#42
Toluene
Concen: 4.75 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

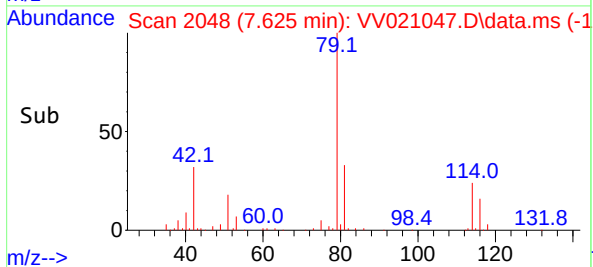
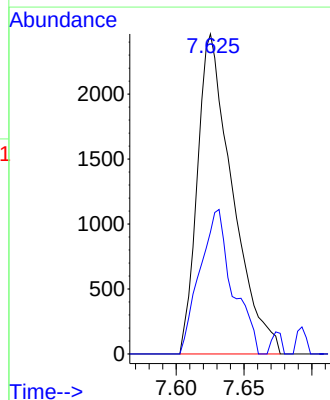
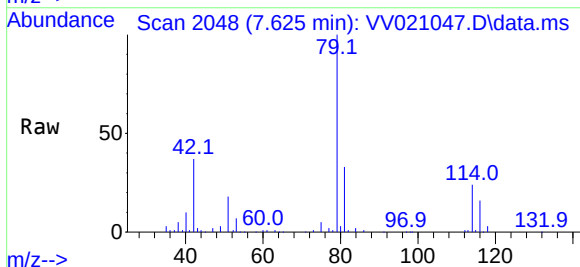
Instrument :
MSVOA_V
ClientSampled :

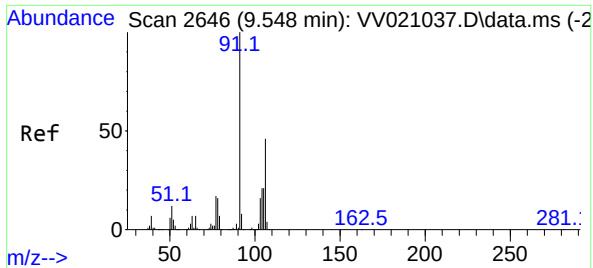
Tgt Ion: 91 Resp: 54974
Ion Ratio Lower Upper
91 100
92 62.4 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 1.00 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Tgt Ion: 75 Resp: 4414
Ion Ratio Lower Upper
75 100
77 38.1 22.3 41.3





#54
o-Xylene
Concen: 1.65 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.006 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 8197
Ion Ratio Lower Upper
106 100
91 255.6 154.5 286.9

