

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081821\
 Data File : VW021859.D
 Acq On : 18 Aug 2021 12:38
 Operator : SY/MD
 Sample : M3422-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 01:16:39 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	5.616	114	402257	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	375648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	191054	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	149163	47.433	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.860%
7) Chloroethane-d5	1.542	69	113303	47.745	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.500%
11) 1,1-Dichloroethene-d2	2.098	63	170510	34.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.120%
21) 2-Butanone-d5	3.873	46	213366	109.093	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.090%
24) Chloroform-d	4.346	84	255689	46.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
26) 1,2-Dichloroethane-d4	5.031	65	160186	51.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
32) Benzene-d6	5.047	84	551572	51.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.120%
36) 1,2-Dichloropropane-d6	6.069	67	172792	51.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.740%
41) Toluene-d8	7.317	98	516802	51.761	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.520%
43) trans-1,3-Dichloroprop...	7.622	79	78666	47.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.040%
47) 2-Hexanone-d5	8.088	63	133162	120.778	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	235498	56.492	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	203527	51.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.940%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	88624	27.848	ug/L	98
6) Bromomethane	1.497	94	3584	1.874	ug/L	96
16) Methylene chloride	2.500	84	82715	25.008	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	117915	42.260	ug/L	100
25) Chloroform	4.371	83	3870	0.724	ug/L	81
30) 1,1,1-Trichloroethane	4.609	97	86786	18.463	ug/L	96
31) Carbon tetrachloride	4.606	117	12204	3.001	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	54883	11.841	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	166825	41.433	ug/L	98
42) Toluene	7.391	91	254209	20.590	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	49961	11.438	ug/L	96
46) Tetrachloroethene	7.976	164	120930	48.984	ug/L	99
48) 2-Hexanone	8.092	43	14210	4.556	ug/L	# 68
49) Dibromochloromethane	8.249	129	89311	27.587	ug/L	100
51) Chlorobenzene	8.883	112	160927	19.964	ug/L	100
52) Ethylbenzene	9.014	91	348425	26.453	ug/L	100
71) Naphthalene	13.509	128	7128	0.651	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021859.D
Acq On : 18 Aug 2021 12:38
Operator : SY/MD
Sample : M3422-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 19 01:16:39 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

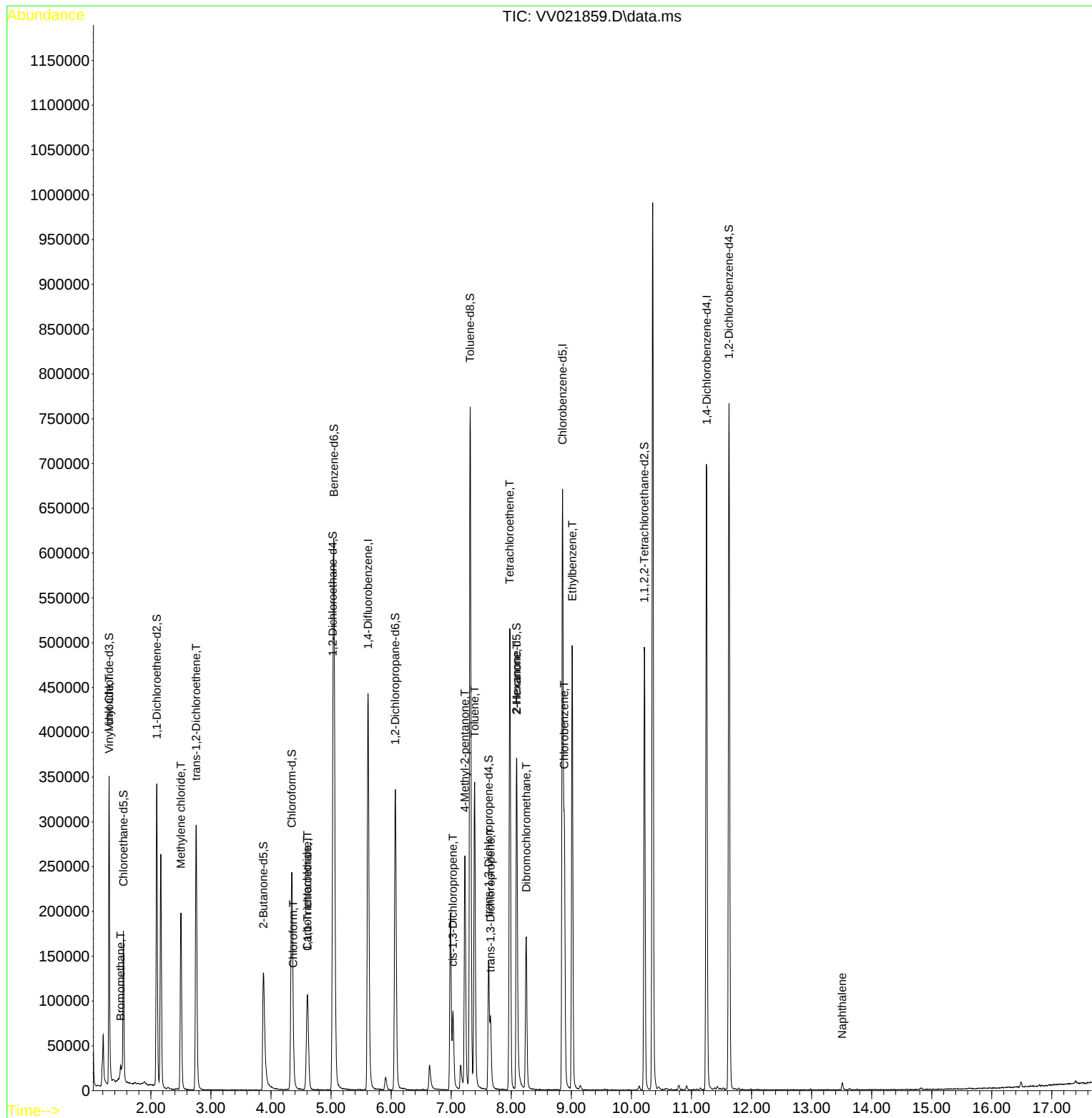
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

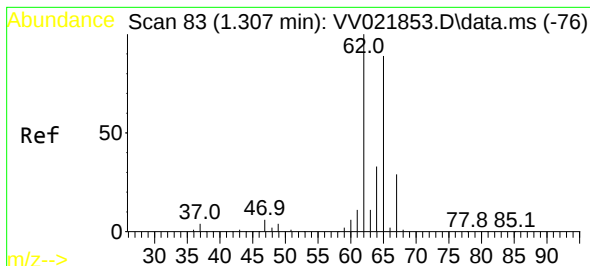
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021859.D
Acq On : 18 Aug 2021 12:38
Operator : SY/MD
Sample : M3422-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 19 01:16:39 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

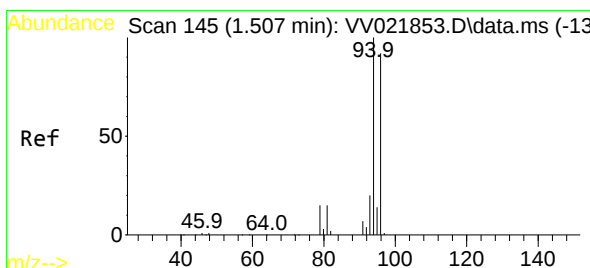
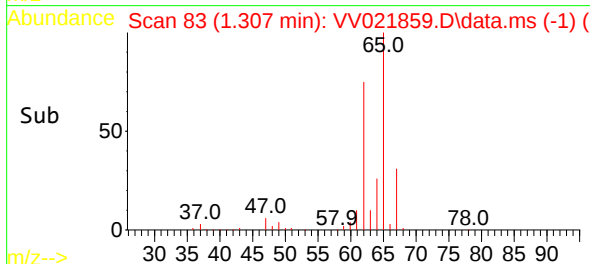
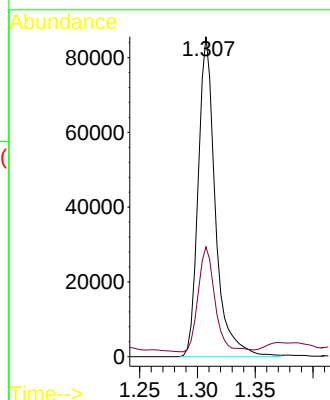
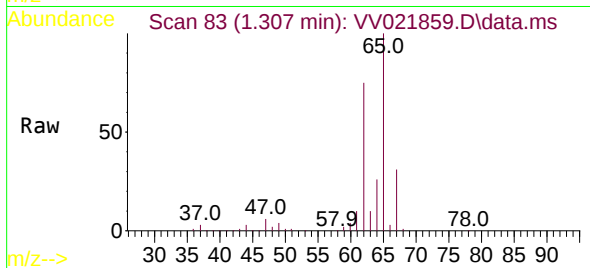




#5
 Vinyl chloride
 Concen: 27.848 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021859.D
 Acq: 18 Aug 2021 12:38

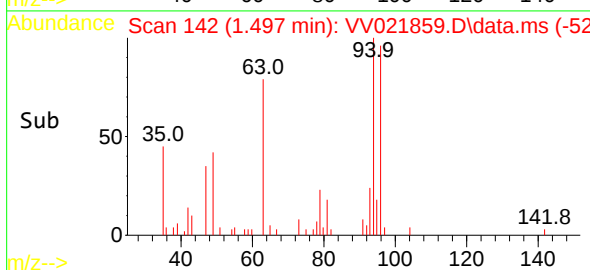
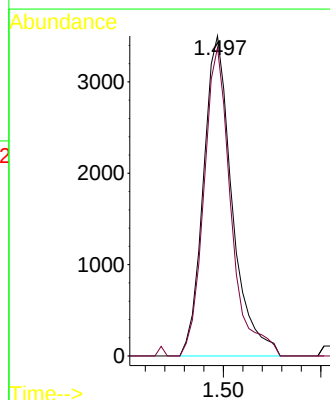
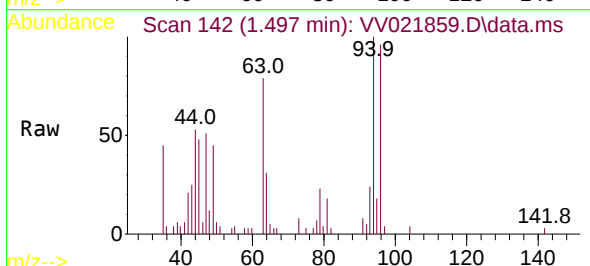
Instrument :
 MSVOA_V
 ClientSampled :

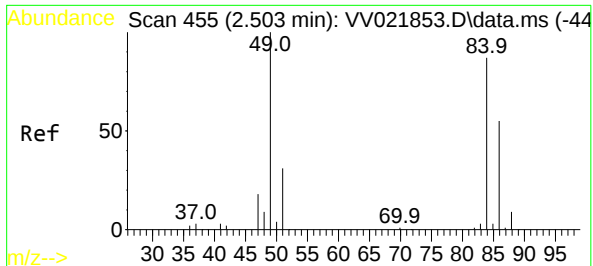
Tgt Ion: 62 Resp: 88624
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.4 43.4



#6
 Bromomethane
 Concen: 1.874 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.010 min
 Lab File: VV021859.D
 Acq: 18 Aug 2021 12:38

Tgt Ion: 94 Resp: 3584
 Ion Ratio Lower Upper
 94 100
 96 96.4 64.8 120.3

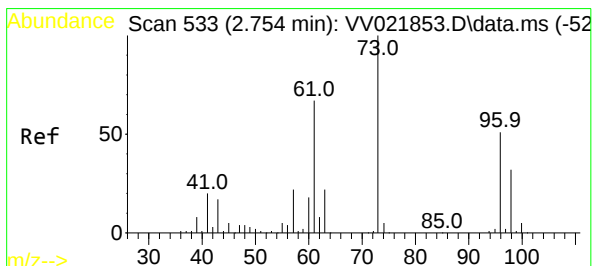
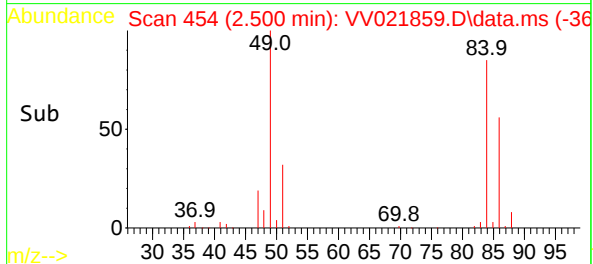
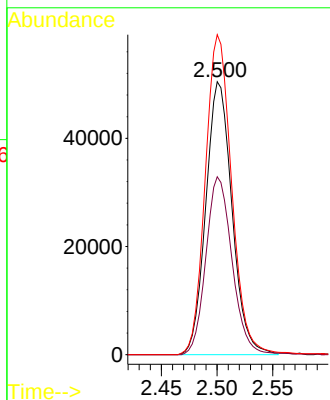
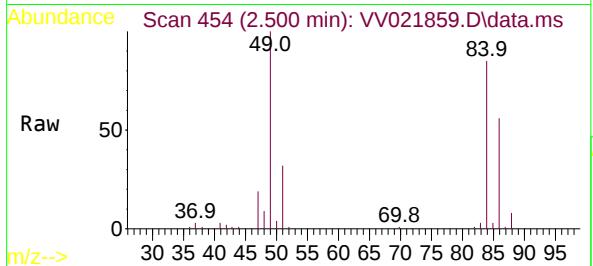




#16
Methylene chloride
Concen: 25.008 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

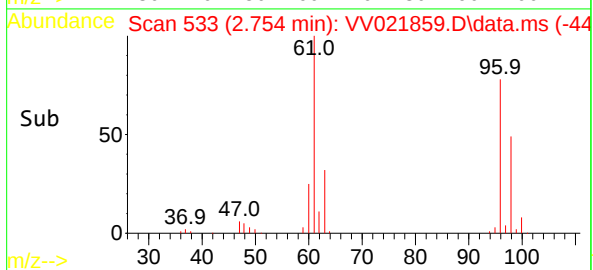
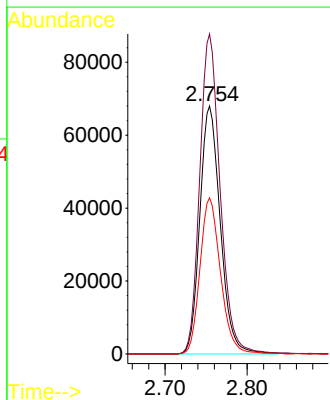
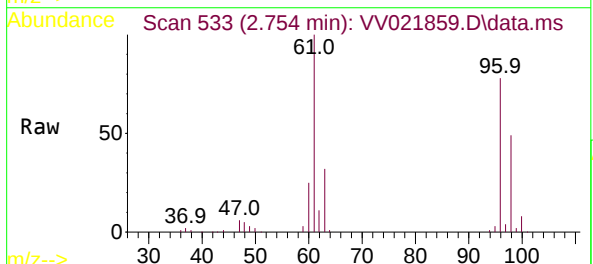
Instrument :
MSVOA_V
ClientSampleId :

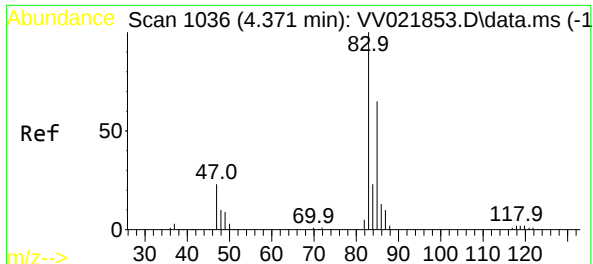
Tgt Ion: 84 Resp: 82715
Ion Ratio Lower Upper
84 100
86 65.2 44.7 83.1
49 117.2 82.5 153.3



#17
trans-1,2-Dichloroethene
Concen: 42.260 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

Tgt Ion: 96 Resp: 117915
Ion Ratio Lower Upper
96 100
61 129.0 90.4 168.0
98 63.0 44.4 82.5





#25

Chloroform

Concen: 0.724 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021859.D

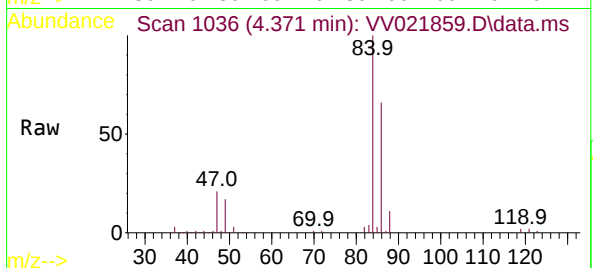
Acq: 18 Aug 2021 12:38

Tgt Ion: 83 Resp: 3870

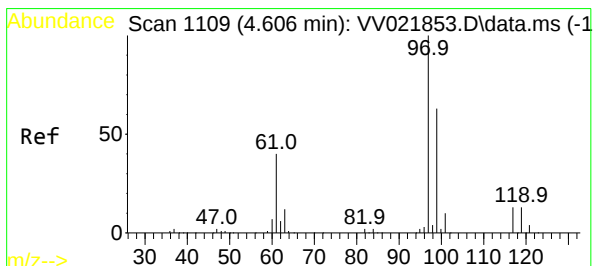
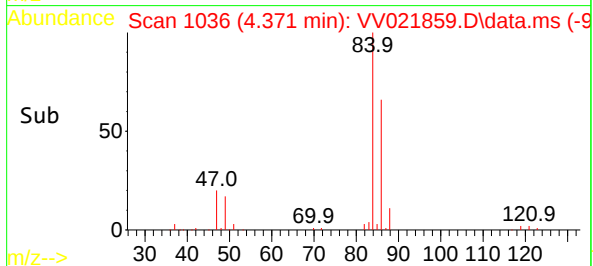
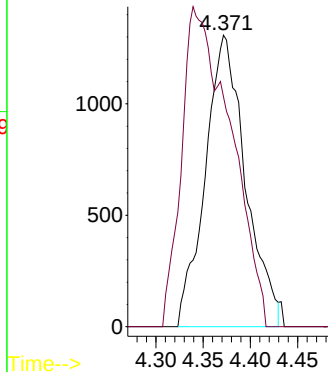
Ion Ratio Lower Upper

83 100

85 78.9 44.8 83.2



Abundance



#30

1,1,1-Trichloroethane

Concen: 18.463 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021859.D

Acq: 18 Aug 2021 12:38

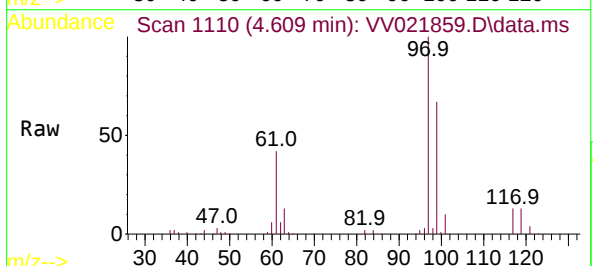
Tgt Ion: 97 Resp: 86786

Ion Ratio Lower Upper

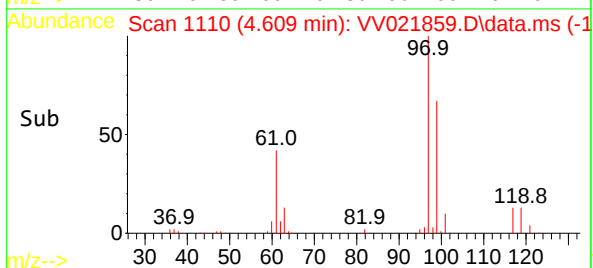
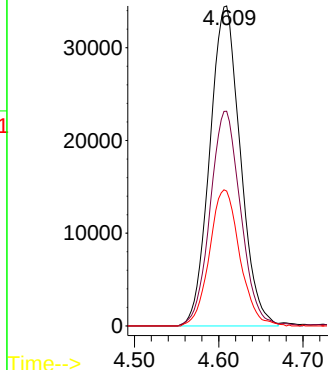
97 100

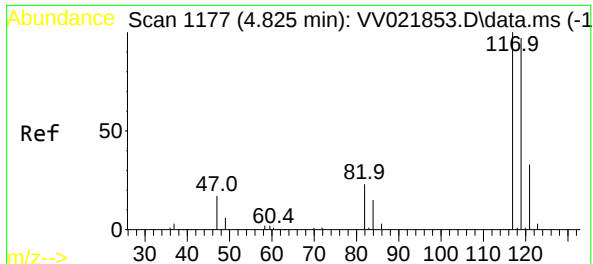
99 67.0 51.0 76.4

61 42.3 32.3 48.5



Abundance

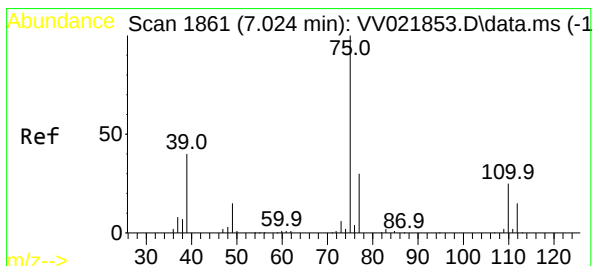
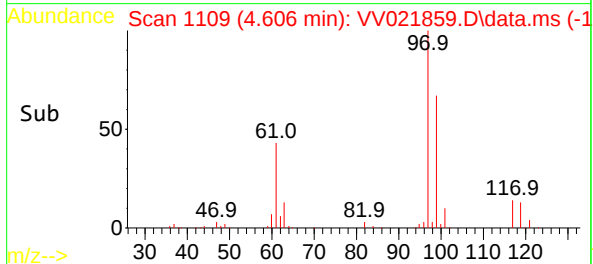
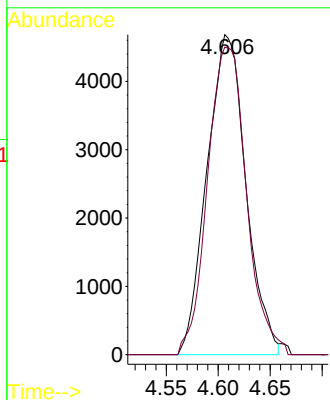
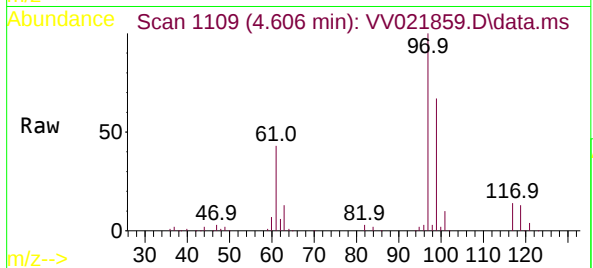




#31
Carbon tetrachloride
Concen: 3.001 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.219 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

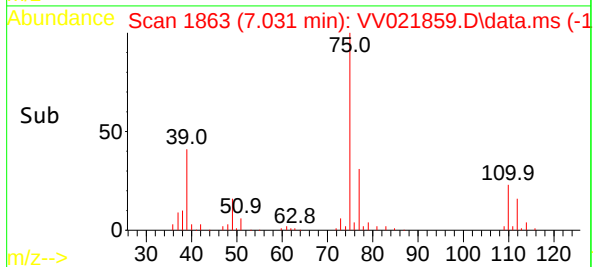
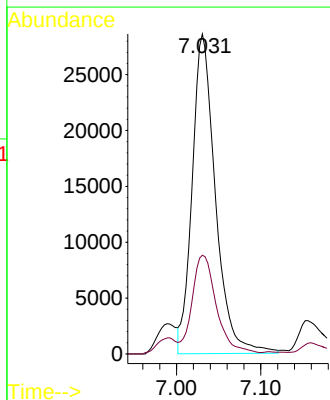
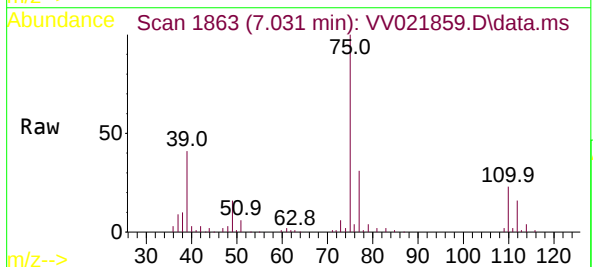
Instrument :
MSVOA_V
ClientSampleId :

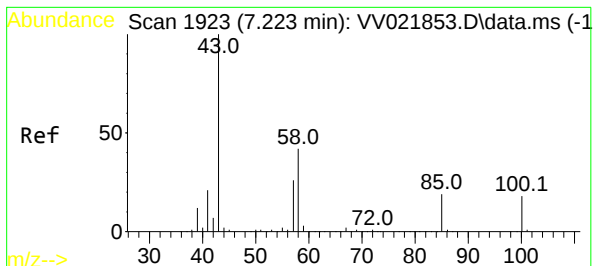
Tgt Ion:117 Resp: 12204
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#39
cis-1,3-Dichloropropene
Concen: 11.841 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

Tgt Ion: 75 Resp: 54883
Ion Ratio Lower Upper
75 100
77 30.9 22.5 41.9

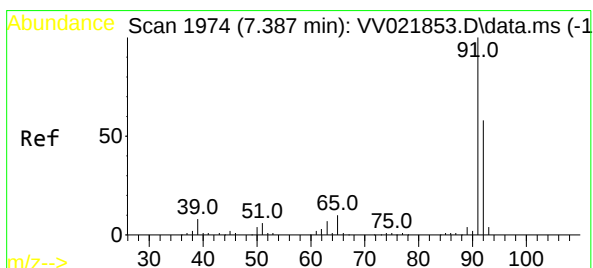
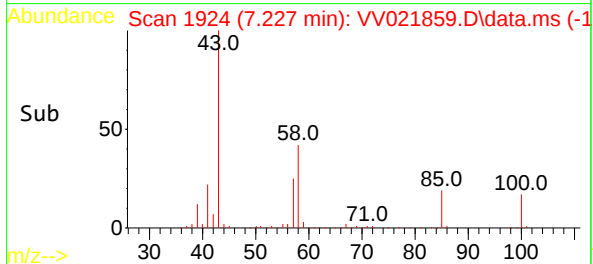
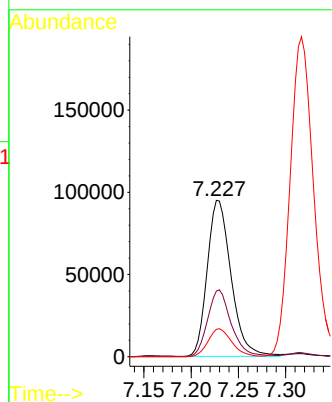
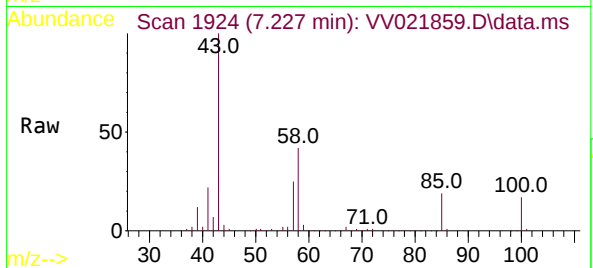




#40
4-Methyl-2-pentanone
Concen: 41.433 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

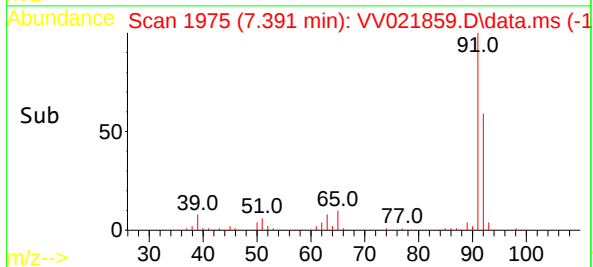
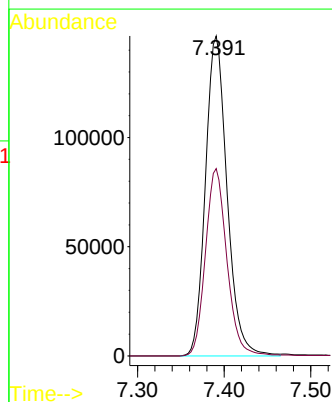
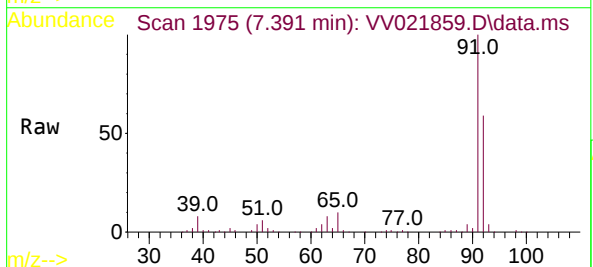
Instrument :
MSVOA_V
ClientSampleId :

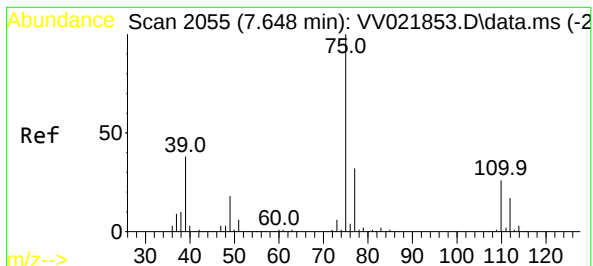
Tgt Ion: 43 Resp: 166825
Ion Ratio Lower Upper
43 100
58 42.4 32.9 49.3
100 17.8 14.0 21.0



#42
Toluene
Concen: 20.590 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

Tgt Ion: 91 Resp: 254209
Ion Ratio Lower Upper
91 100
92 58.5 40.1 74.5



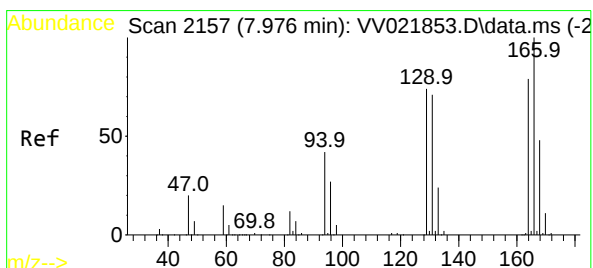
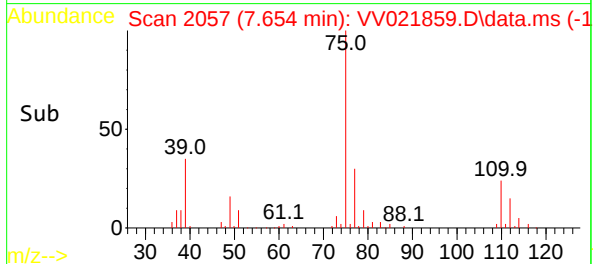
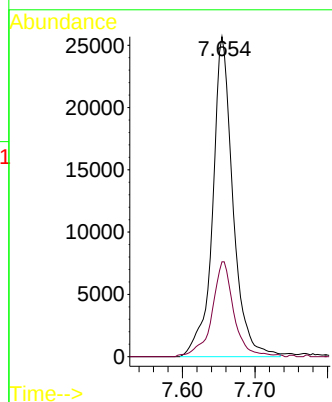
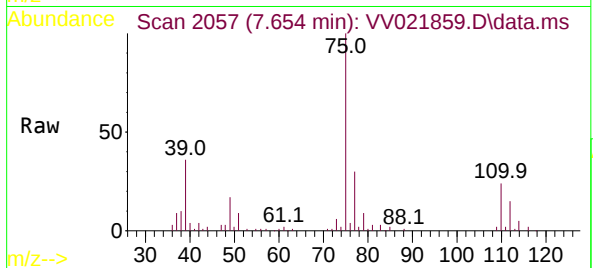


#44

trans-1,3-Dichloropropene
Concen: 11.438 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

Instrument :
MSVOA_V
ClientSampled :

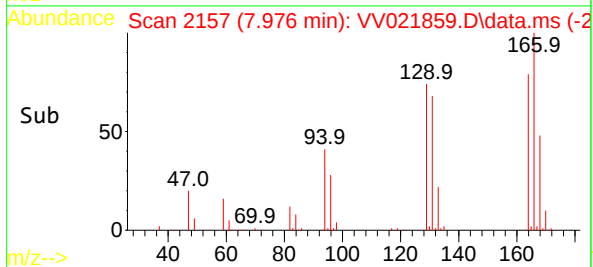
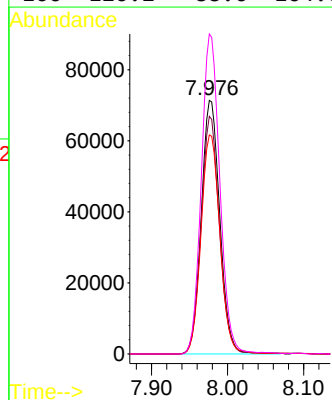
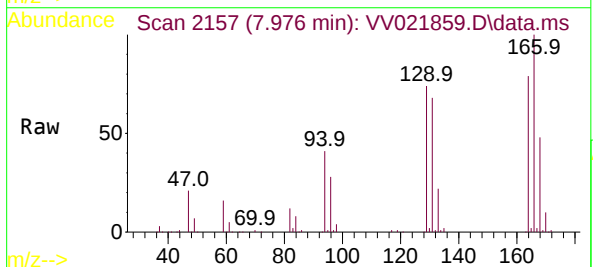
Tgt Ion: 75 Resp: 49961
Ion Ratio Lower Upper
75 100
77 29.6 22.2 41.2

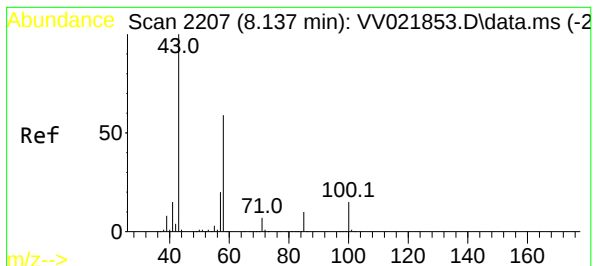


#46

Tetrachloroethene
Concen: 48.984 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

Tgt Ion: 164 Resp: 120930
Ion Ratio Lower Upper
164 100
129 93.7 63.7 118.3
131 86.3 61.5 114.3
166 126.2 88.6 164.6

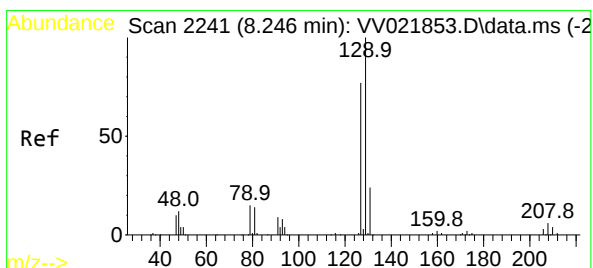
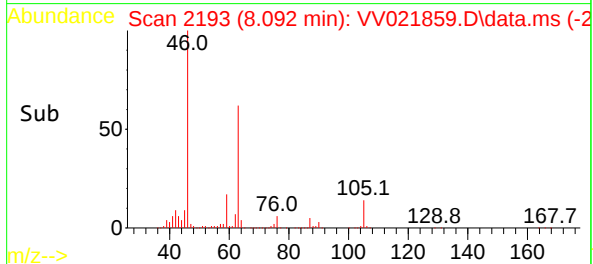
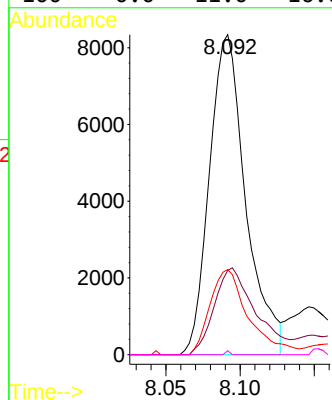
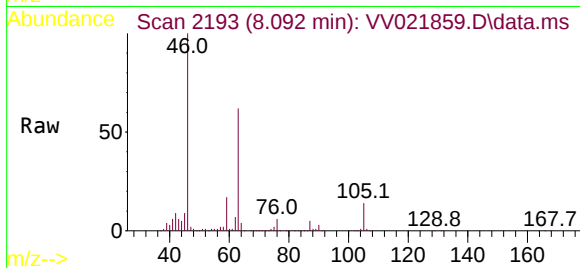




#48
2-Hexanone
Concen: 4.556 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

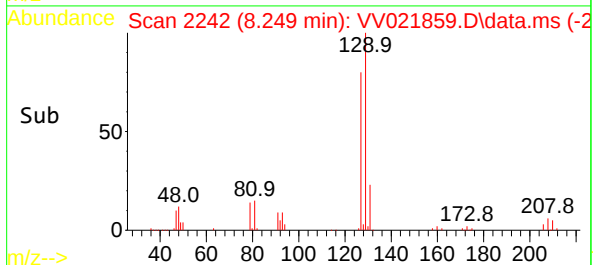
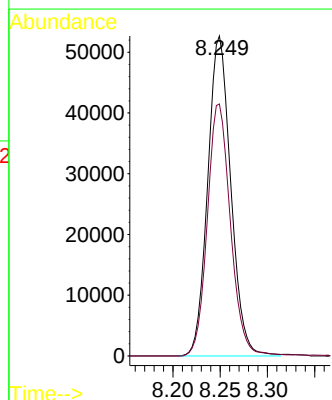
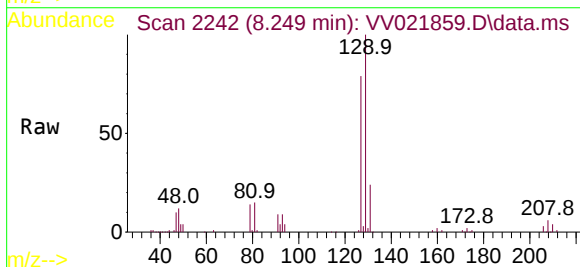
Instrument :
MSVOA_V
ClientSampleId :

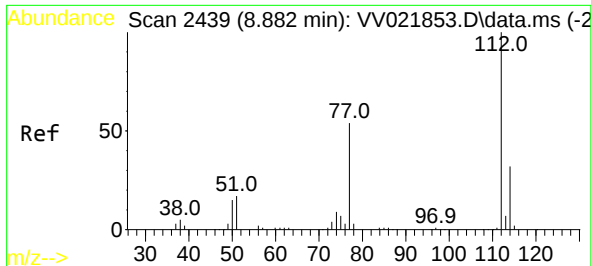
Tgt Ion: 43	Resp: 14210
Ion Ratio	Lower Upper
43 100	
58 31.2	45.4 68.2#
57 28.3	15.3 22.9#
100 0.0	11.0 16.6#



#49
Dibromochloromethane
Concen: 27.587 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

Tgt Ion: 129	Resp: 89311
Ion Ratio	Lower Upper
129 100	
127 78.8	54.9 101.9

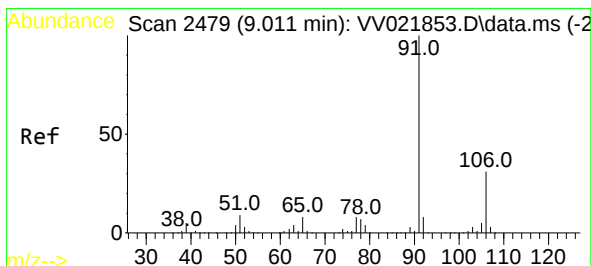
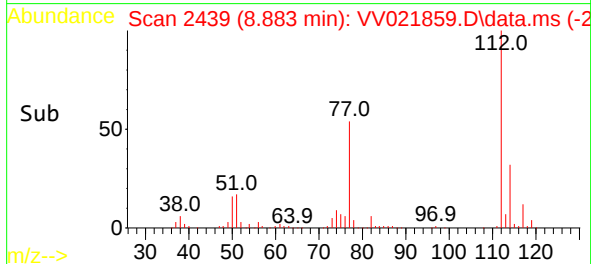
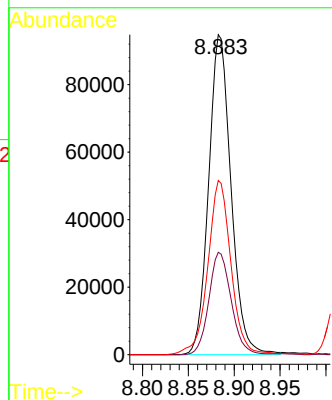
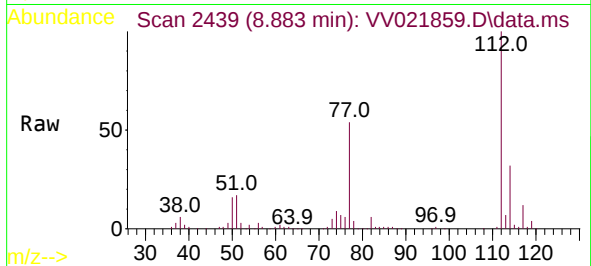




#51
Chlorobenzene
Concen: 19.964 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

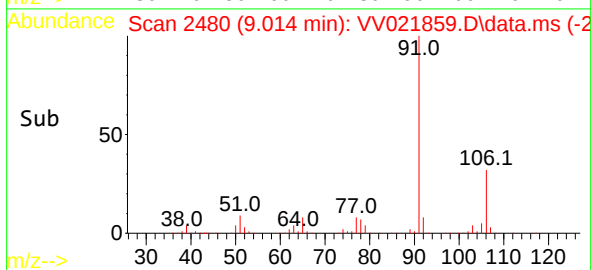
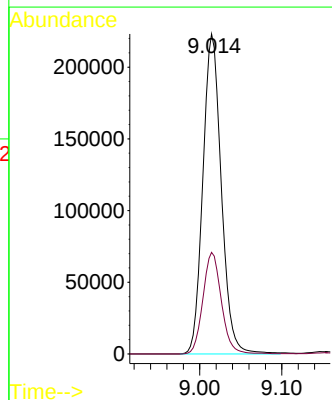
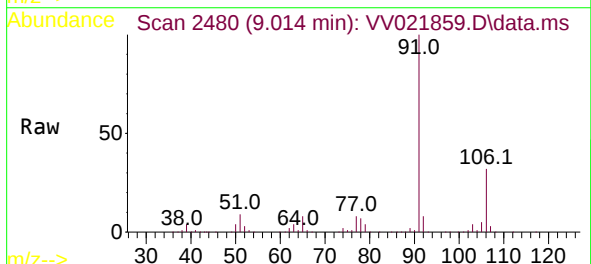
Instrument :
MSVOA_V
ClientSampleId :

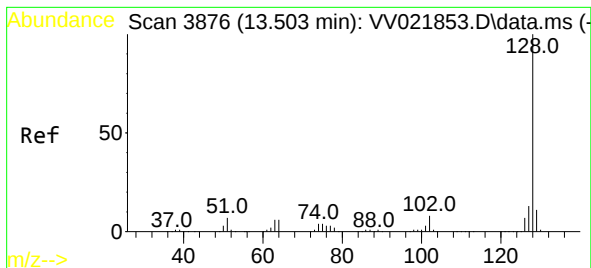
Tgt Ion:112 Resp: 160927
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 54.5 43.7 65.5



#52
Ethylbenzene
Concen: 26.453 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

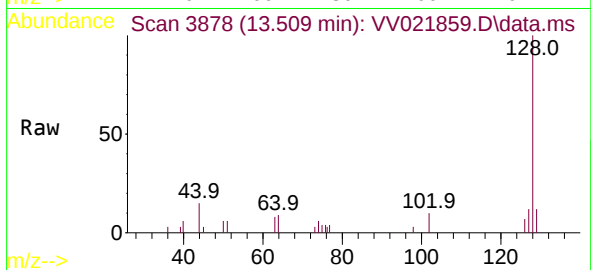
Tgt Ion: 91 Resp: 348425
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2





#71
Naphthalene
Concen: 0.651 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV021859.D
Acq: 18 Aug 2021 12:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	7128
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.0	15.0
129	9.4	8.5	12.7

