

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020851.D
 Acq On : 02 Apr 2021 00:21
 Operator : SY/MD
 Sample : M1845-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 08:32:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

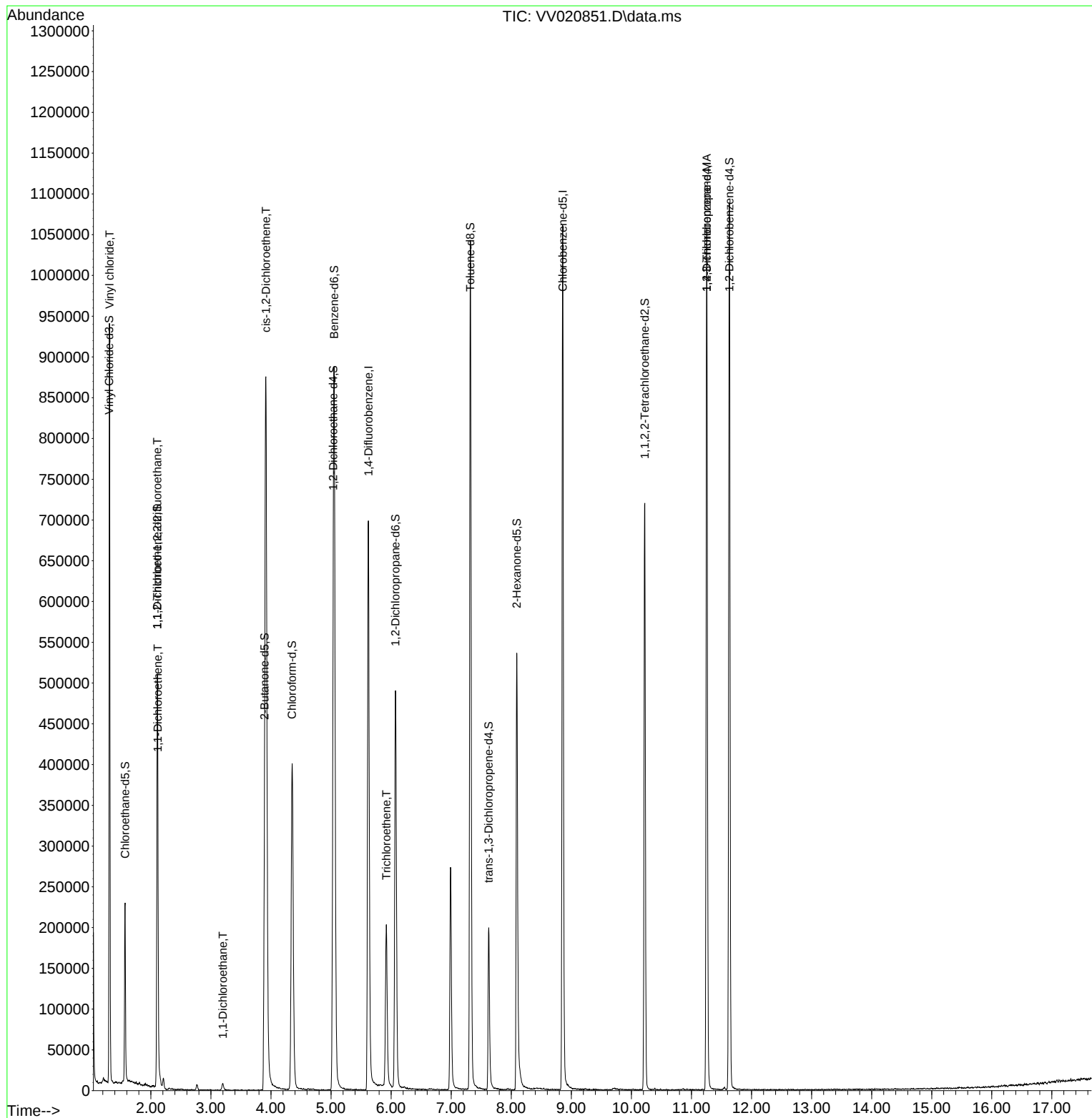
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	602611	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	577777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	279282	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151237	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.70%
7) Chloroethane-d5	1.571	69	131466	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.30%
11) 1,1-Dichloroethene-d2	2.108	63	259955	32.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.42%
21) 2-Butanone-d5	3.892	46	243028	87.31	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.31%
24) Chloroform-d	4.352	84	411196	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.037	65	282520	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
32) Benzene-d6	5.053	84	747308	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.072	67	221457	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.68%
41) Toluene-d8	7.320	98	689795	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloroprop...	7.625	79	117681	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.091	63	183384	92.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.51%
57) 1,1,2,2-Tetrachloroeth...	10.223	84	315129	45.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.50%
64) 1,2-Dichlorobenzene-d4	11.632	152	288123	53.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.32%
Target Compounds						
5) Vinyl chloride	1.314	62	420905	91.42	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2763	0.73	ug/L #	21
12) 1,1-Dichloroethene	2.117	96	6826	1.94	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	7480	1.00	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	448099	103.85	ug/L	95
34) Trichloroethene	5.921	95	64952	14.87	ug/L	95
59) 1,2,3-Trichloropropane	11.255	75	26103	4.78	ug/L	94

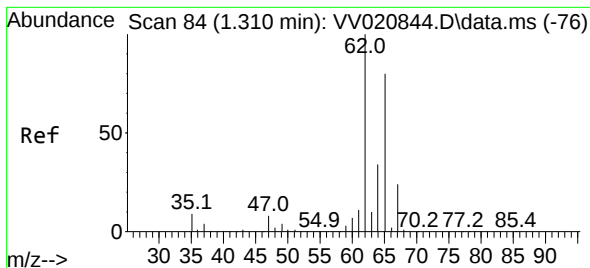
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 08:30:00 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 91.42 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.003 min

Lab File: VV020851.D

Acq: 02 Apr 2021 00:21

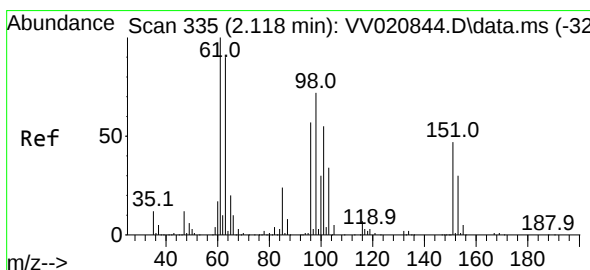
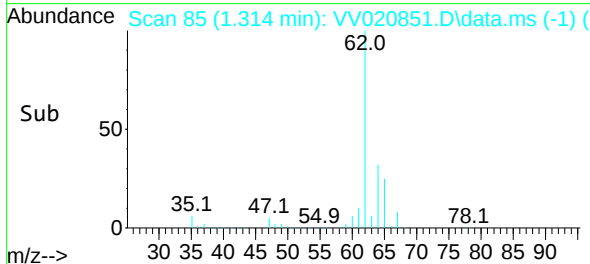
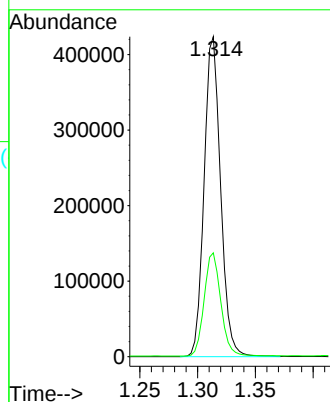
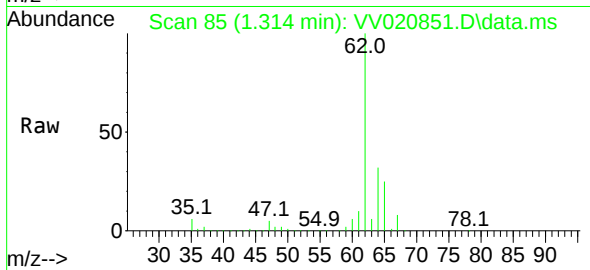
Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 62 Resp: 420905

Ion Ratio Lower Upper

62 100

64 32.5 23.3 43.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.73 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.010 min

Lab File: VV020851.D

Acq: 02 Apr 2021 00:21

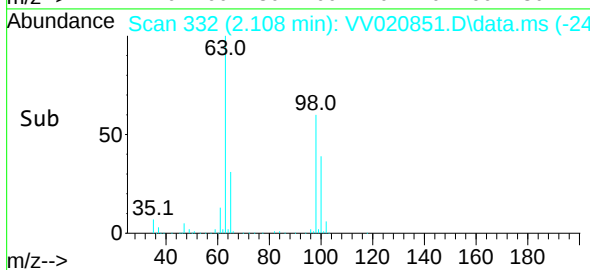
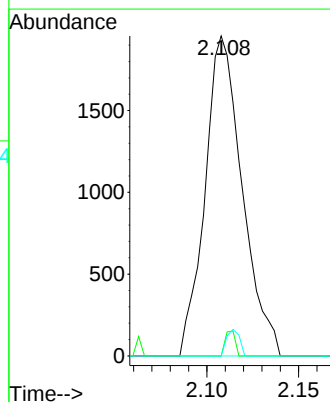
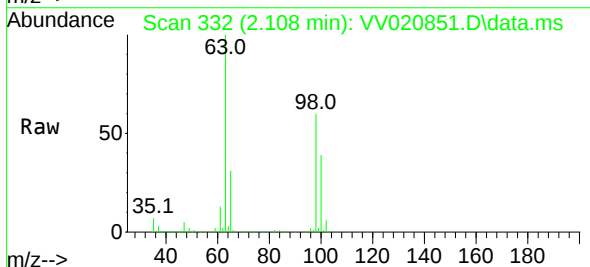
Tgt Ion: 101 Resp: 2763

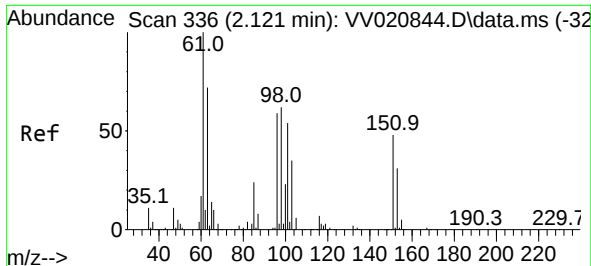
Ion Ratio Lower Upper

101 100

85 2.1 35.4 53.0#

151 2.9 63.5 95.3#





#12

1,1-Dichloroethene

Concen: 1.94 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV020851.D

Acq: 02 Apr 2021 00:21

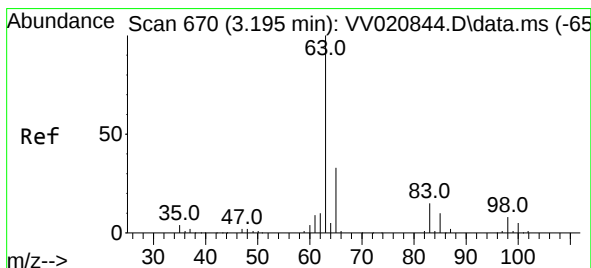
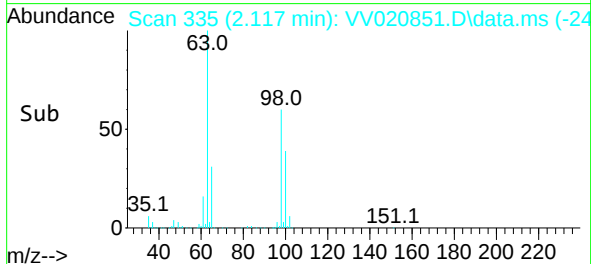
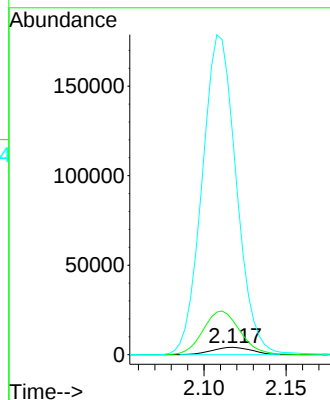
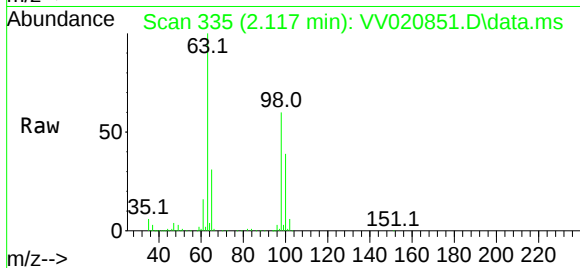
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 6826

Ion	Ratio	Lower	Upper
96	100		
61	470.3	126.3	234.6#
63	2985.8	100.2	186.2#



#19

1,1-Dichloroethane

Concen: 1.00 ug/L

RT: 3.198 min Scan# 671

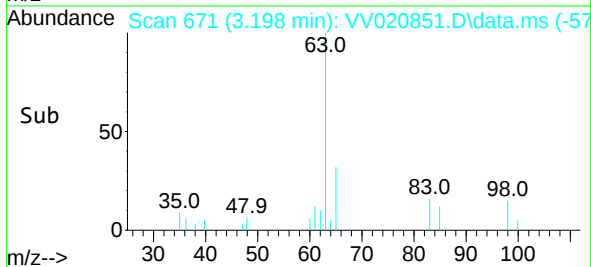
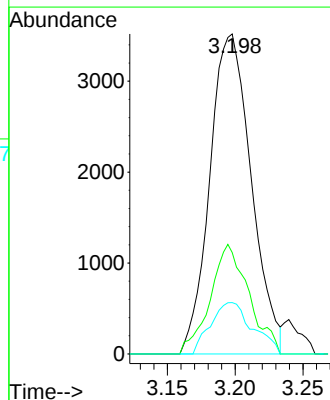
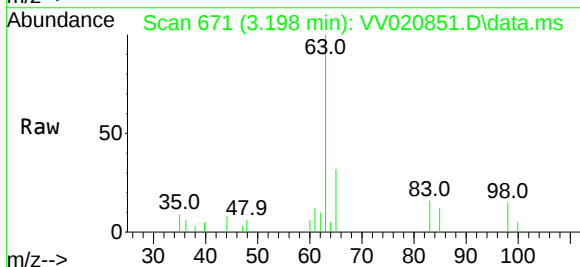
Delta R.T. 0.003 min

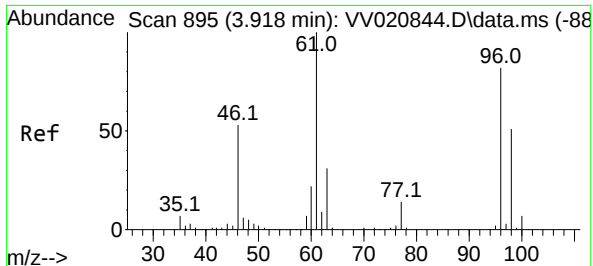
Lab File: VV020851.D

Acq: 02 Apr 2021 00:21

Tgt Ion: 63 Resp: 7480

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.5	41.9
83	16.1	9.7	17.9



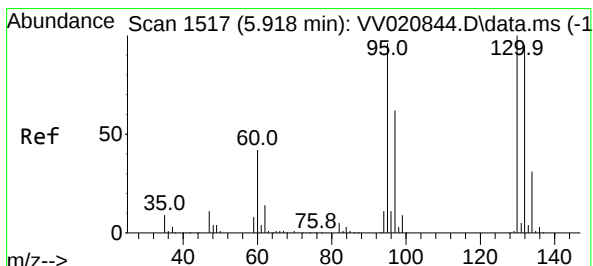
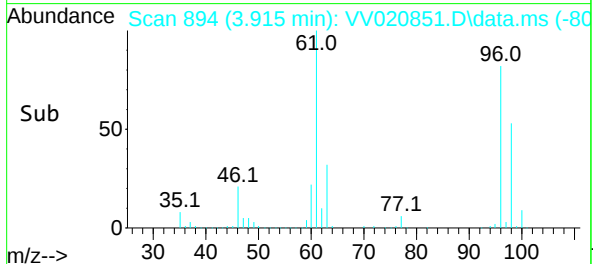
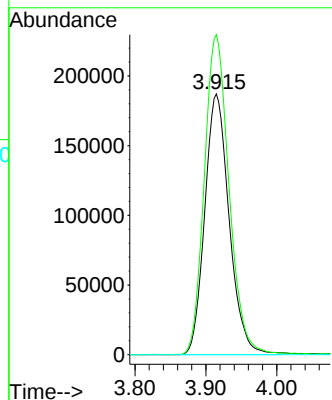
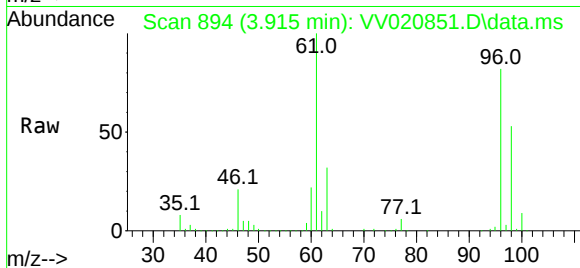


#20

cis-1,2-Dichloroethene
Concen: 103.85 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV020851.D
Acq: 02 Apr 2021 00:21

Instrument :
MSVOA_V
ClientSampleId :

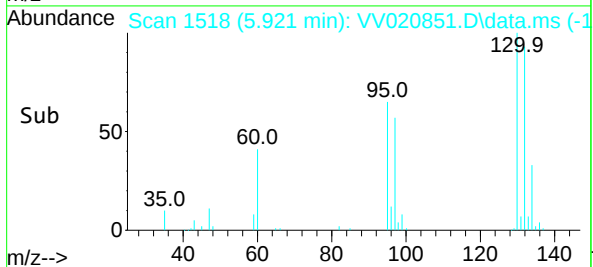
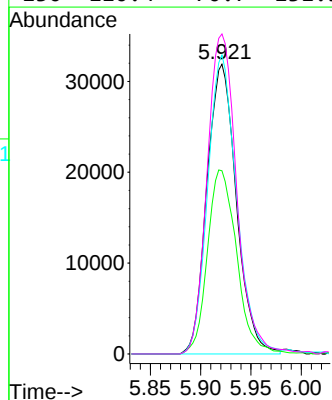
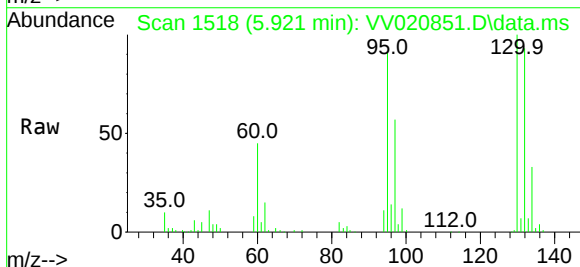
Tgt Ion: 96 Resp: 448099
Ion Ratio Lower Upper
96 100
61 122.7 89.9 167.0
68 0.0 0.0 0.0

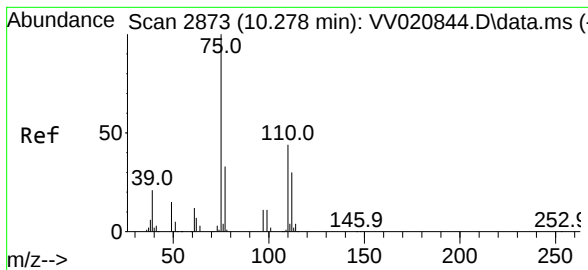


#34

Trichloroethene
Concen: 14.87 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020851.D
Acq: 02 Apr 2021 00:21

Tgt Ion: 95 Resp: 64952
Ion Ratio Lower Upper
95 100
97 63.2 43.5 80.9
132 103.2 69.5 129.1
130 110.4 70.7 131.3





#59
 1,2,3-Trichloropropane
 Concen: 4.78 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020851.D
 Acq: 02 Apr 2021 00:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 26103
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.3 37.9

