

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016394.D
 Acq On : 31 May 2020 17:50
 Operator : SY/MD
 Sample : L2780-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAL0

Manual Integrations
 APPROVED

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 6/1/2020 12:45:08 PM

Quant Time: Jun 01 08:45:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	70842	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	67596	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	29273	5.00	ug/L	0.00

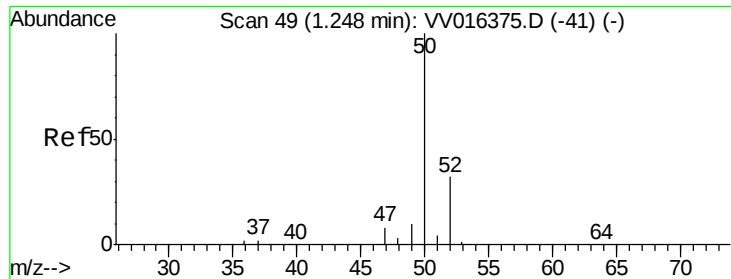
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29690	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	23208	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	43701	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.94	46	69041	51.59	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.38	84	51966	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	28983	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.08	84	101023	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.10	67	31380	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.34	98	85897	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
45) trans-1,3-Dichloropropene-	7.65	79	9466	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
48) 2-Hexanone-d5	8.12	63	49287	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21938	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	29745	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	1588	0.225 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2862	0.596 ug/L	90
12) 1,1-Dichloroethene	2.14	96	4117	0.903 ug/L #	1
19) 1,1-Dichloroethane	3.22	63	1956	0.205 ug/L #	90
22) cis-1,2-Dichloroethene	3.94	96	5868	1.099 ug/L	97
25) Chloroform	4.41	83	2839m	0.297 ug/L	
34) Trichloroethene	5.94	95	4078	0.777 ug/L	93
49) Tetrachloroethene	8.00	164	1903	0.494 ug/L	89

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



#3

Chloromethane

Concen: 0.225 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

COAL0

Tot Ion: 50 Resp: 1588

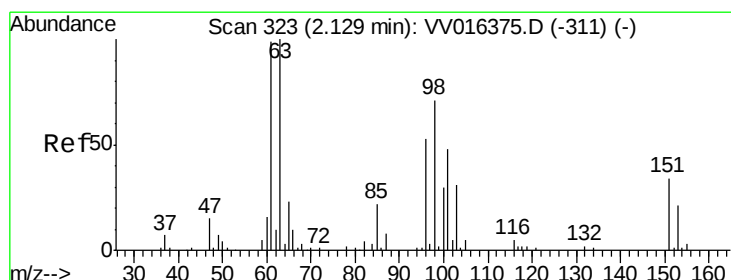
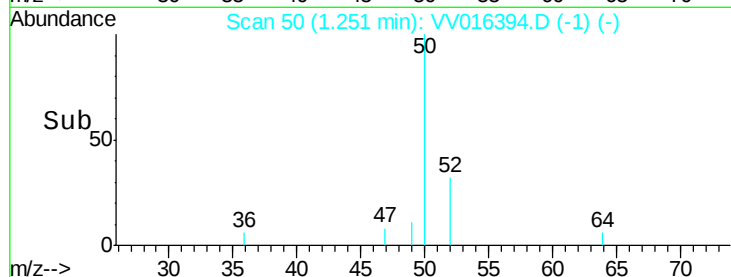
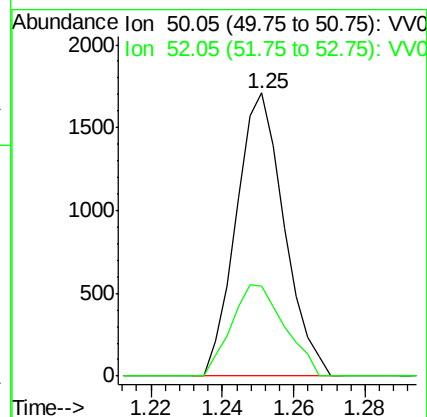
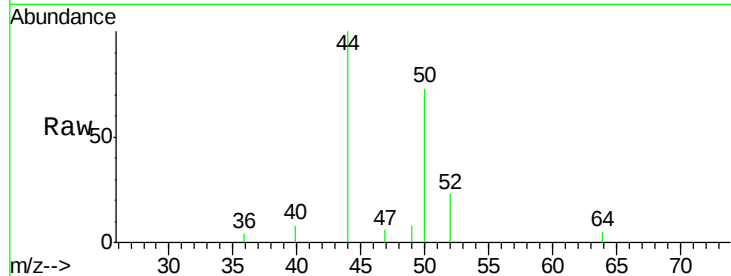
Ion Ratio Lower Upper

50 100

52 31.8 23.1 42.9

Manual Integrations
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#10

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

Concen: 0.596 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.01 min

Lab File: VV016394.D

Acq: 31 May 2020 17:50

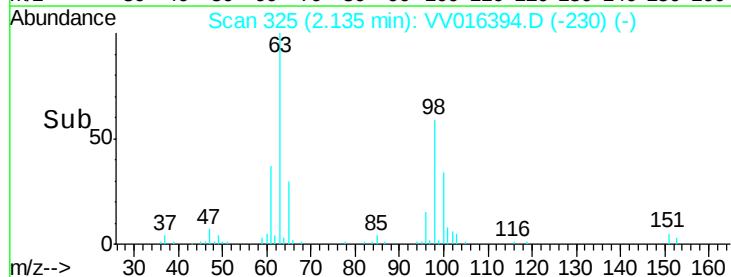
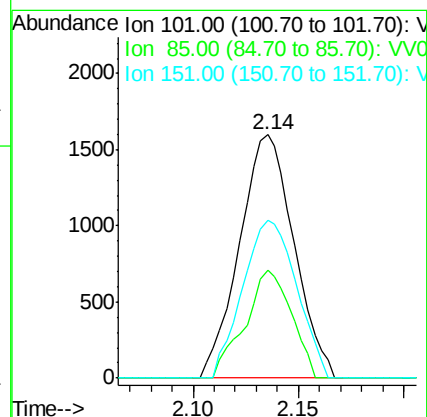
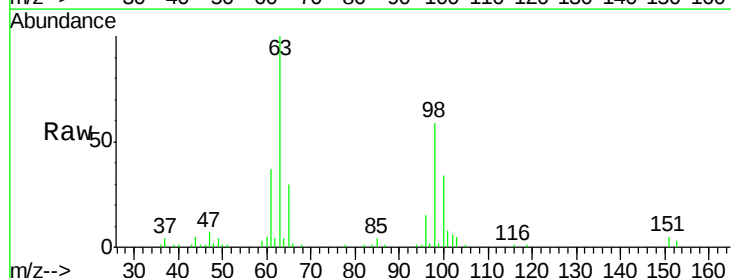
Tgt Ion: 101 Resp: 2862

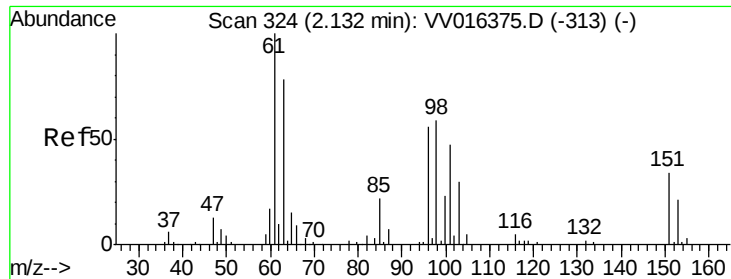
Ion Ratio Lower Upper

101 100

85 37.7 35.7 53.5

151 64.2 57.2 85.8





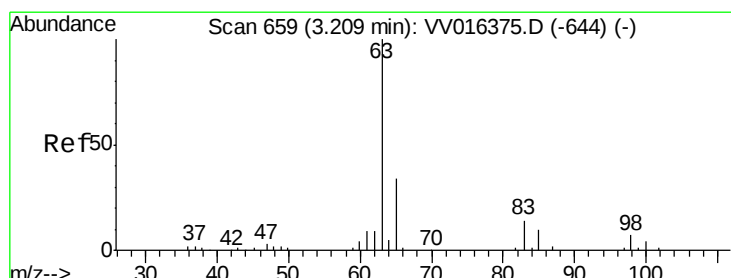
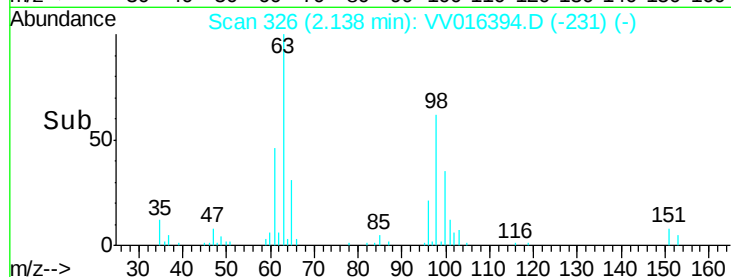
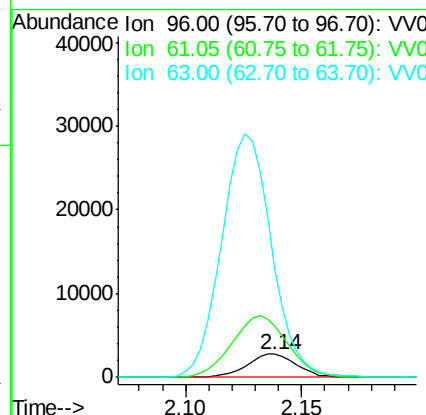
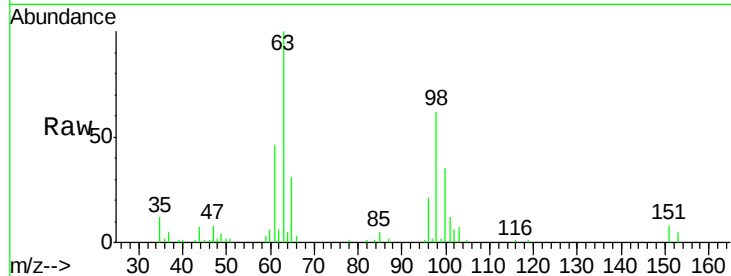
#12
 1,1-Dichloroethene
 Concen: 0.903 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VV016394.D
 Acq: 31 May 2020 17:50

Instrument :
 MSVOA_V
 ClientSampleId :
 COAL0

Tot Ion	Ratio	Lower	Upper
96	100		
61	218.0	125.4	233.0
63	472.1	88.2	163.8#

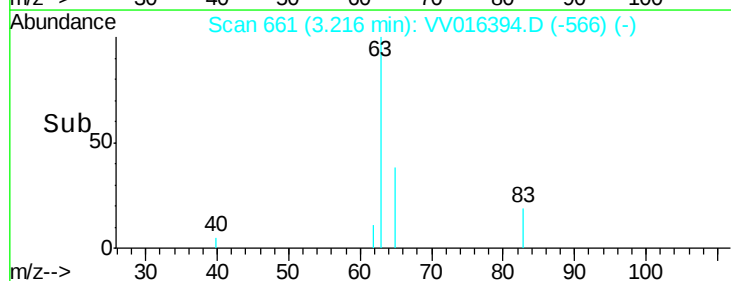
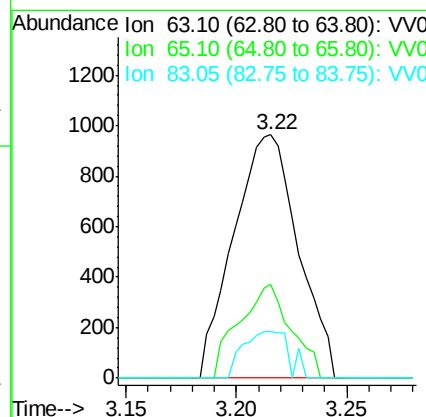
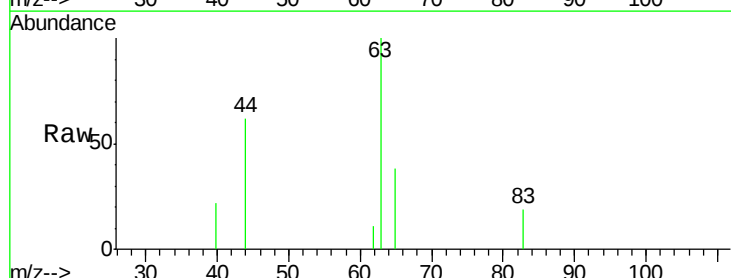
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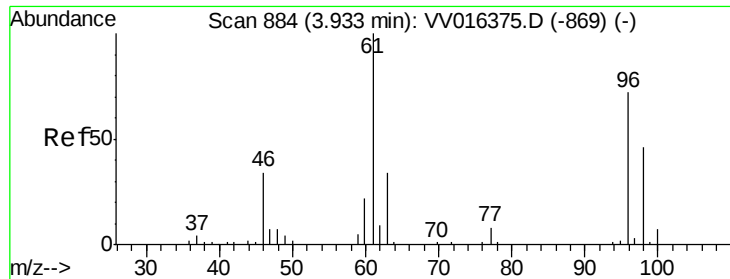
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#19
 1,1-Dichloroethane
 Concen: 0.205 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV016394.D
 Acq: 31 May 2020 17:50

Tgt Ion	Ratio	Lower	Upper
63	100		
65	38.4	23.3	43.3
83	19.1	9.9	18.3#





#22

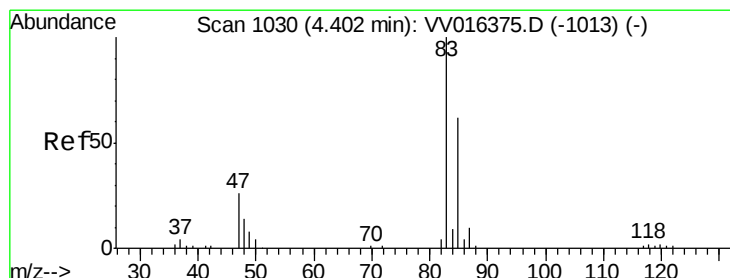
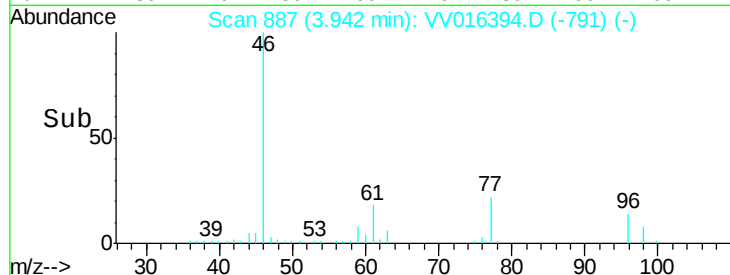
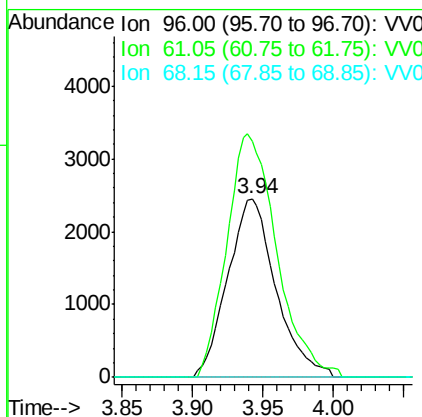
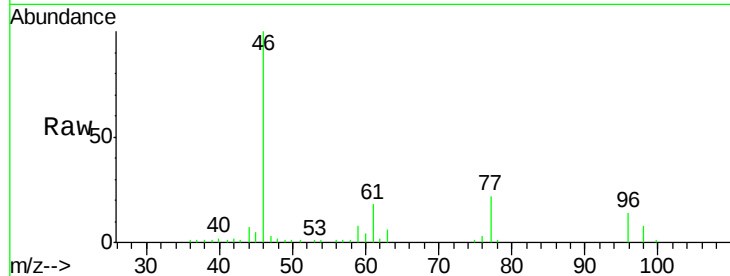
cis-1,2-Dichloroethene
 Concen: 1.099 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV016394.D
 Acq: 31 May 2020 17:50

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		5868		
61	131.7		94.8	176.0	
68	0.0		0.0	0.0	

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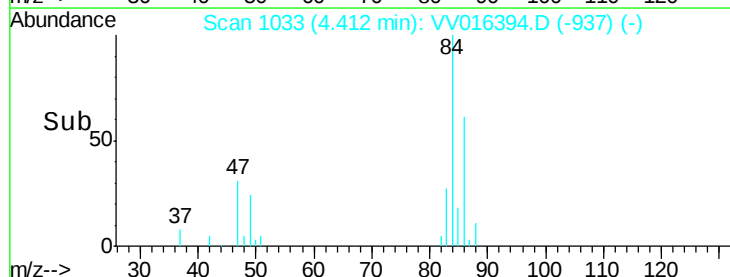
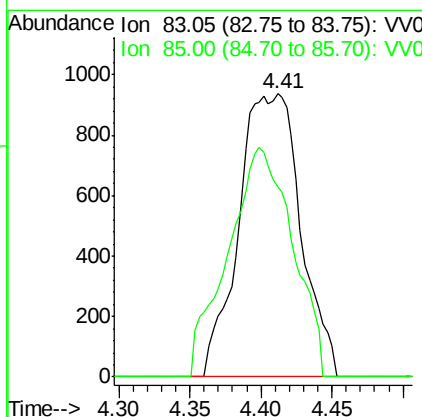
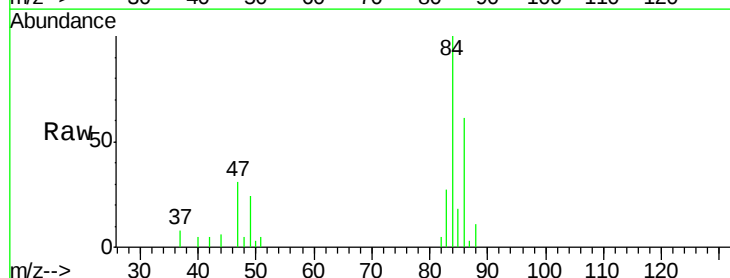
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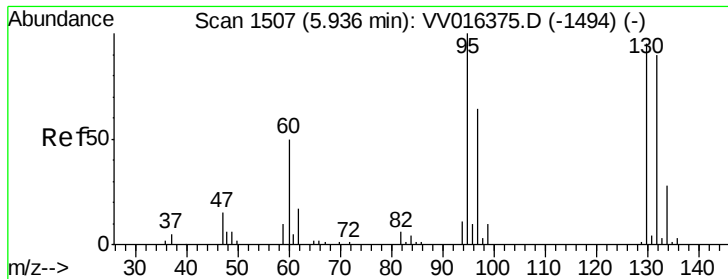


#25

Chloroform
 Concen: 0.297 ug/L m
 RT: 4.41 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: VV016394.D
 Acq: 31 May 2020 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		2839		
85	66.9		45.8	85.2	





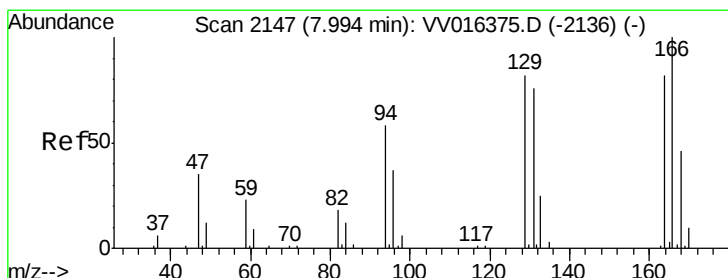
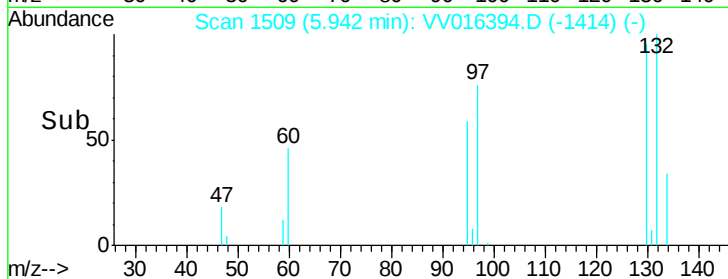
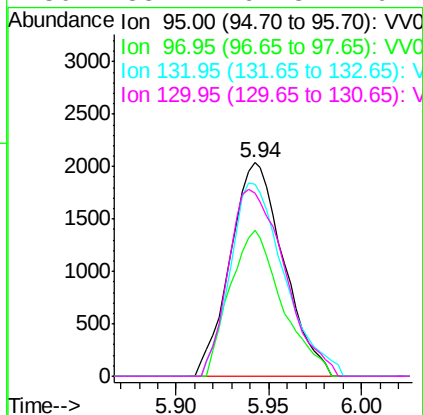
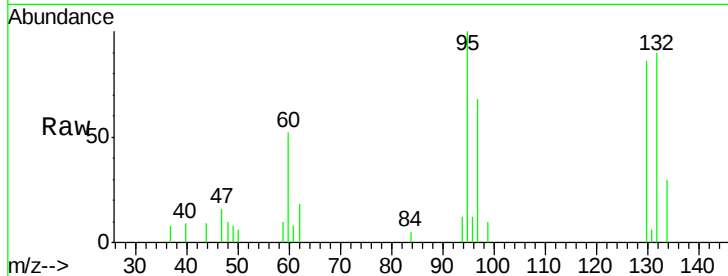
#34
 Trichloroethene
 Concen: 0.777 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016394.D
 Acq: 31 May 2020 17:50

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL0

Tot Ion:	95	Resp:	4078
Ion	Ratio	Lower	Upper
95	100		
97	68.2	42.6	79.0
132	89.7	59.6	110.8
130	85.7	64.8	120.4

Manual Integrations
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#49
 Tetrachloroethene
 Concen: 0.494 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV016394.D
 Acq: 31 May 2020 17:50

Tgt Ion:	164	Resp:	1903
Ion	Ratio	Lower	Upper
164	100		
129	87.3	72.2	134.0
131	90.3	65.8	122.2
166	110.8	88.3	163.9

