

Data File : VV015022.D
Acq On : 18 Mar 2020 18:40
Operator : SY/MD
Sample : VV0318WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK88

Quant Time: Mar 19 04:10:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	377347	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180569	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71872	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.52%
7) Chloroethane-d5	1.58	69	58142	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.10%
11) 1,1-Dichloroethene-d2	2.12	63	91722	30.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.88%
21) 2-Butanone-d5	3.93	46	105782	88.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.50%
24) Chloroform-d	4.38	84	182011	40.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	5.06	65	119560	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
32) Benzene-d6	5.08	84	373672	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
36) 1,2-Dichloropropane-d6	6.10	67	111044	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.94%
41) Toluene-d8	7.34	98	365776	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.64	79	55271	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.88%
47) 2-Hexanone-d5	8.12	63	109054	93.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162675	42.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	160132	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%

Target Compounds

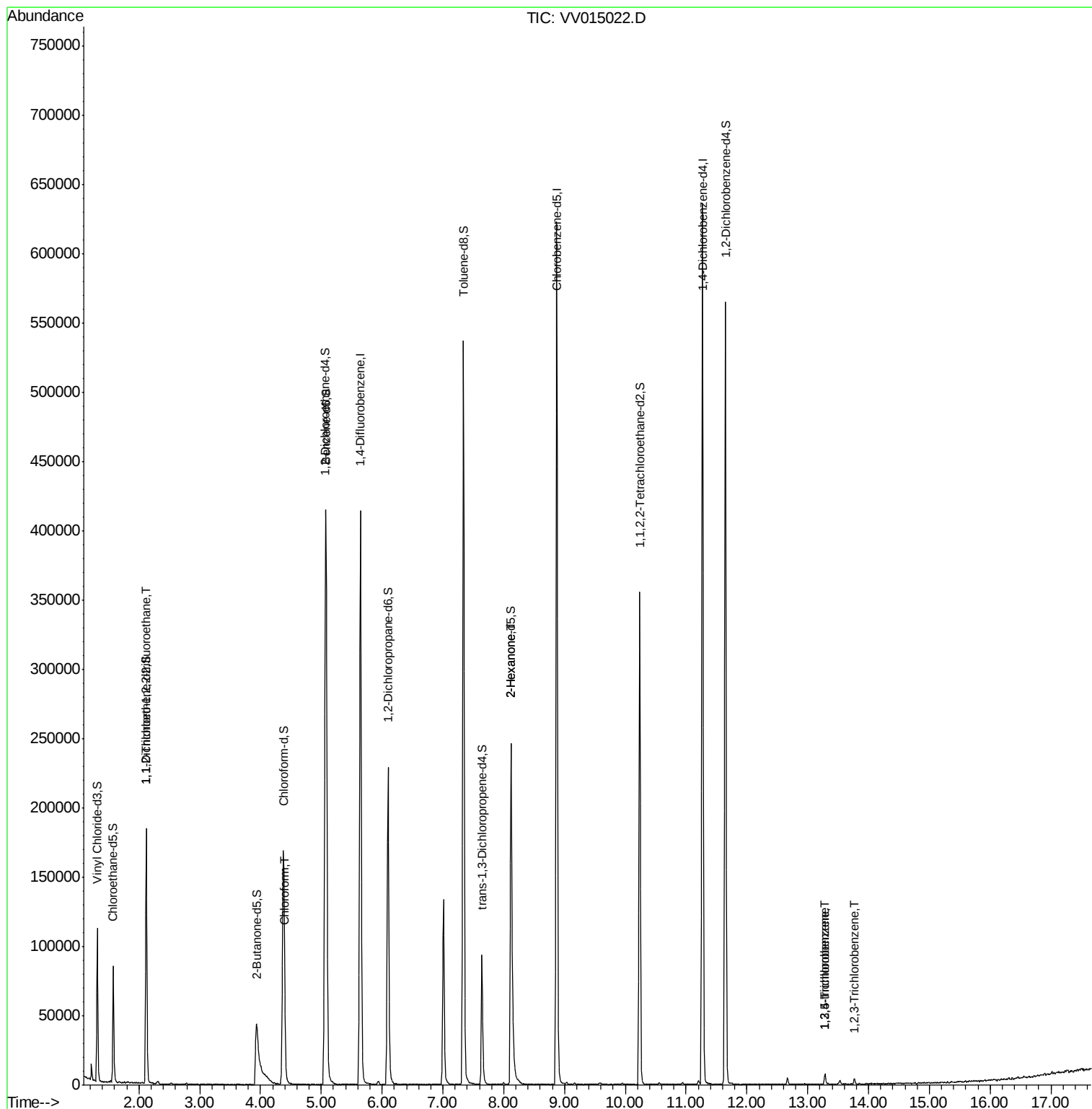
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1349	0.831 ug/L #	24
25) Chloroform	4.41	83	3317	0.749 ug/L	99
48) 2-Hexanone	8.12	43	11776	5.286 ug/L #	73
67) 1,3,5-Trichlorobenzene	13.29	180	2790	0.649 ug/L	89
68) 1,2,4-trichlorobenzene	13.29	180	2790	0.705 ug/L	88
70) 1,2,3-Trichlorobenzene	13.77	180	1760	0.452 ug/L	96

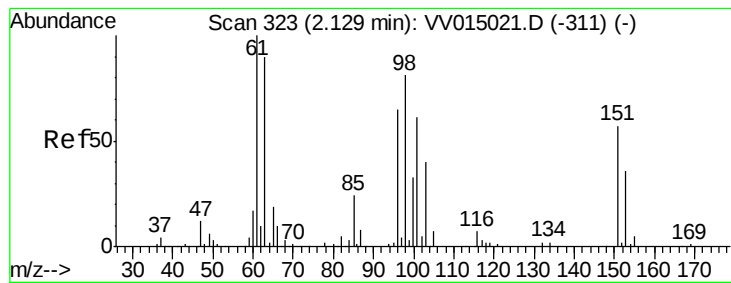
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.831 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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ClientSampleId :

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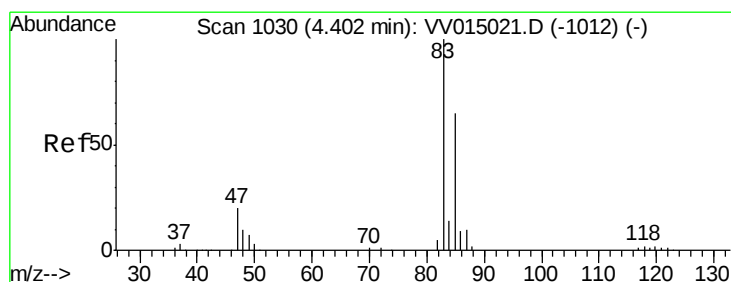
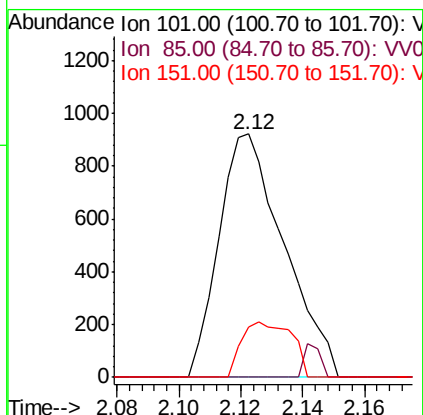
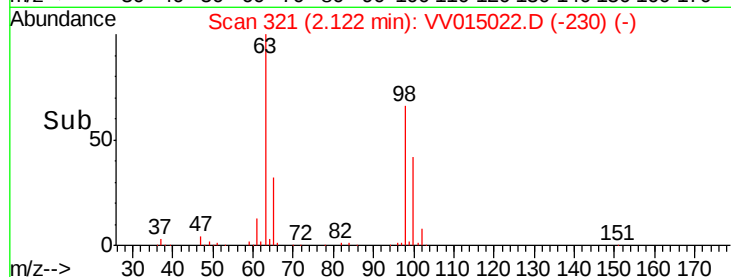
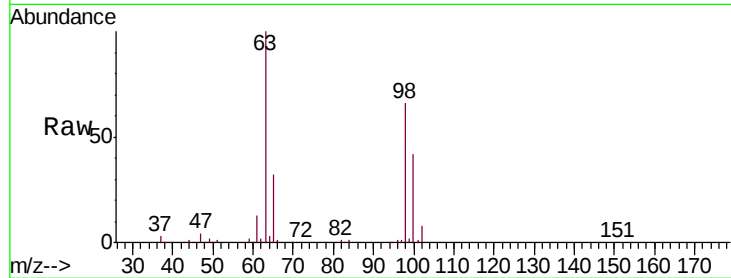
Tgt Ion:101 Resp: 1349

Ion Ratio Lower Upper

101 100

85 3.3 33.2 49.8#

151 12.8 72.6 109.0#



#25

Chloroform

Concen: 0.749 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

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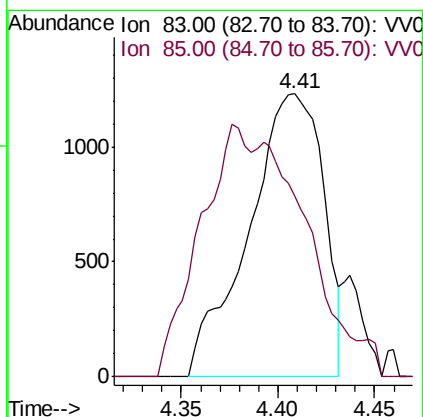
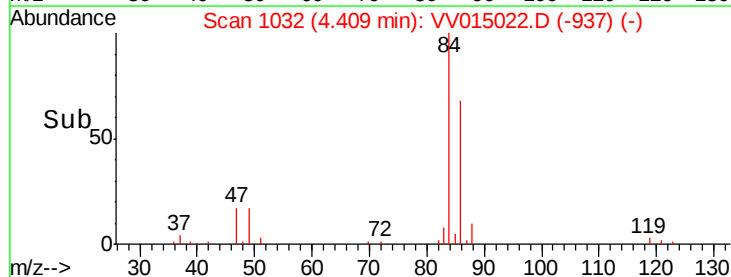
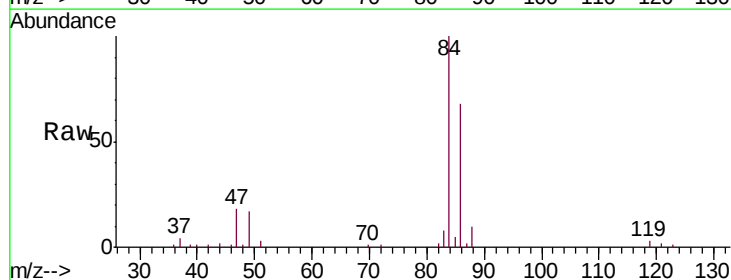
Acq: 18 Mar 2020 18:40

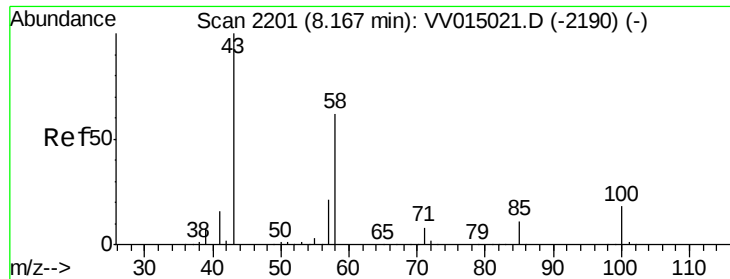
Tgt Ion: 83 Resp: 3317

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4

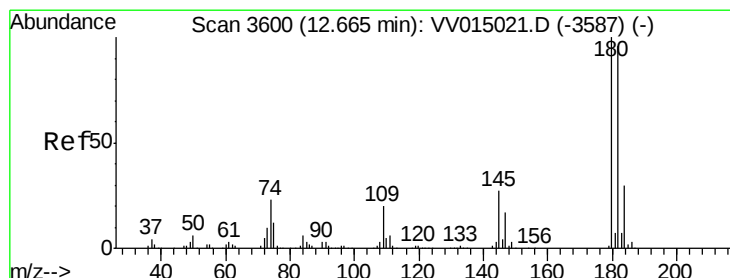
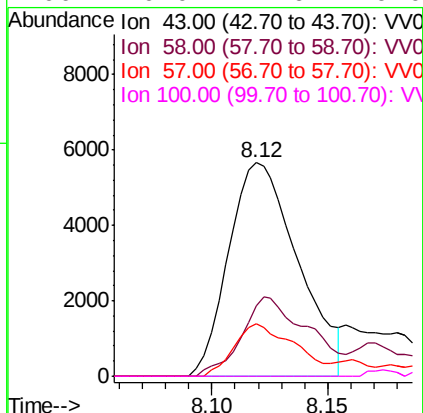
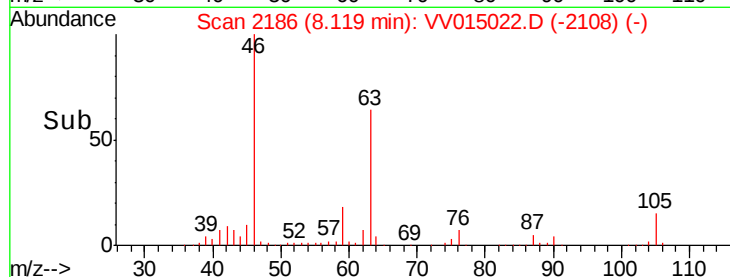
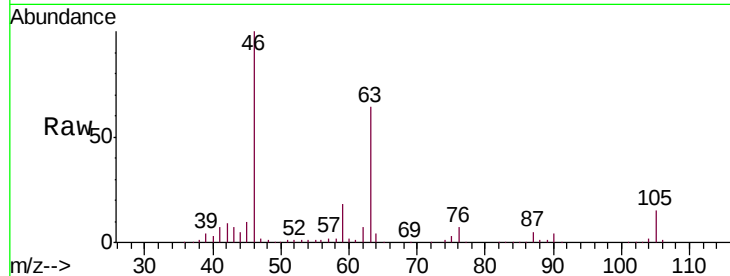




#48
2-Hexanone
Concen: 5.286 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
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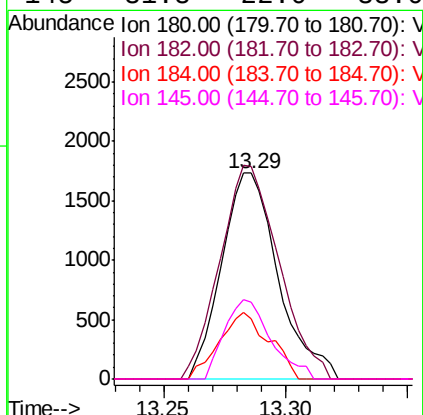
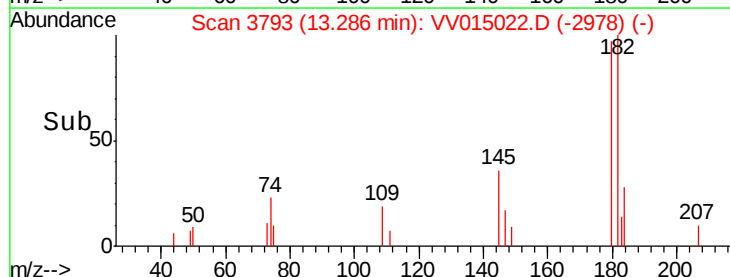
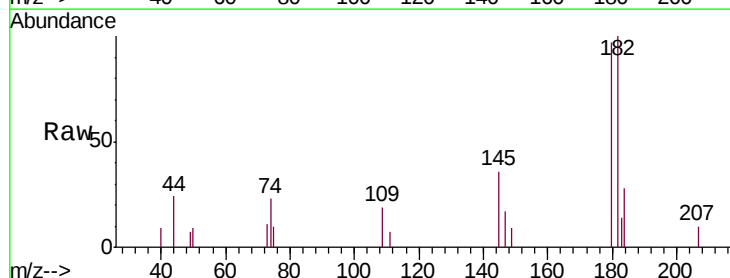
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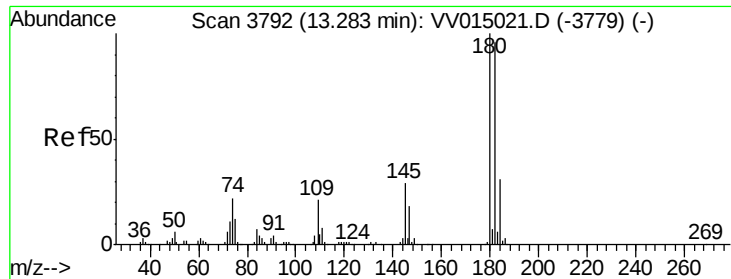
Tgt Ion:	43	Resp:	11776
Ion	Ratio	Lower	Upper
43	100		
58	36.0	48.2	72.2#
57	21.2	15.8	23.6
100	0.0	12.6	19.0#



#67
1,3,5-Trichlorobenzene
Concen: 0.649 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.62 min
Lab File: VV015022.D
Acq: 18 Mar 2020 18:40

Tgt Ion:	180	Resp:	2790
Ion	Ratio	Lower	Upper
180	100		
182	108.0	75.2	112.8
184	28.6	23.9	35.9
145	31.8	22.0	33.0

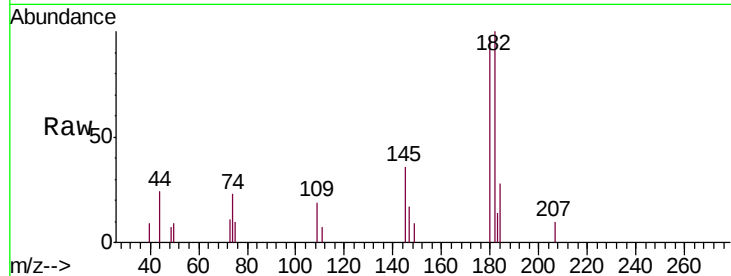




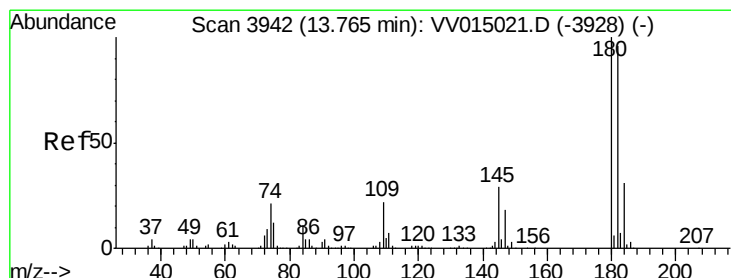
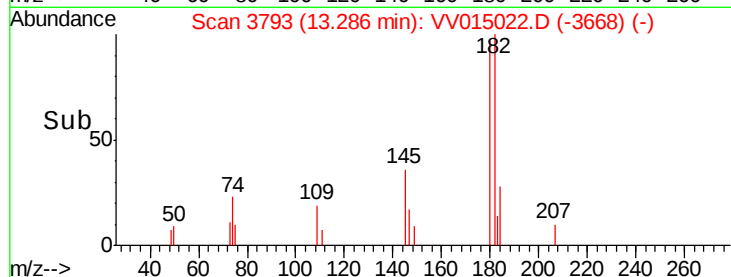
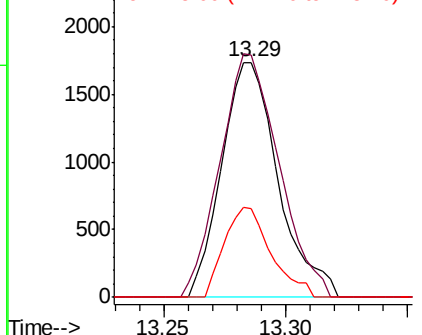
#68
 1,2,4-trichlorobenzene
 Concen: 0.705 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015022.D
 Acq: 18 Mar 2020 18:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK88

Tgt Ion:180 Resp: 2790
 Ion Ratio Lower Upper
 180 100
 182 108.0 76.3 114.5
 145 31.8 22.2 33.4

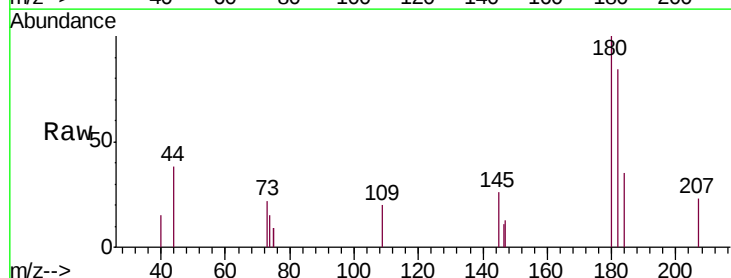


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.452 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VV015022.D
 Acq: 18 Mar 2020 18:40

Tgt Ion:180 Resp: 1760
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.5 113.3
 145 24.9 23.5 35.3



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

