

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015367.D
 Acq On : 02 Apr 2020 12:22
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 01:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	750072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	711687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	335785	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	218340	32.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.92%
7) Chloroethane-d5	1.58	69	197877	34.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.88%#
11) 1,1-Dichloroethene-d2	2.12	63	331991	27.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.24%#
21) 2-Butanone-d5	3.94	46	282879	79.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.13%
24) Chloroform-d	4.38	84	401866	36.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.38%
26) 1,2-Dichloroethane-d4	5.06	65	267838	38.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.44%
32) Benzene-d6	5.07	84	854540	38.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.98%
36) 1,2-Dichloropropane-d6	6.09	67	253109	39.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.34%
41) Toluene-d8	7.34	98	826390	39.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.86%#
43) trans-1,3-Dichloropropene-	7.64	79	130730	36.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.22%
47) 2-Hexanone-d5	8.12	63	234486	79.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	367569	39.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	309645	40.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.08%

Target Compounds

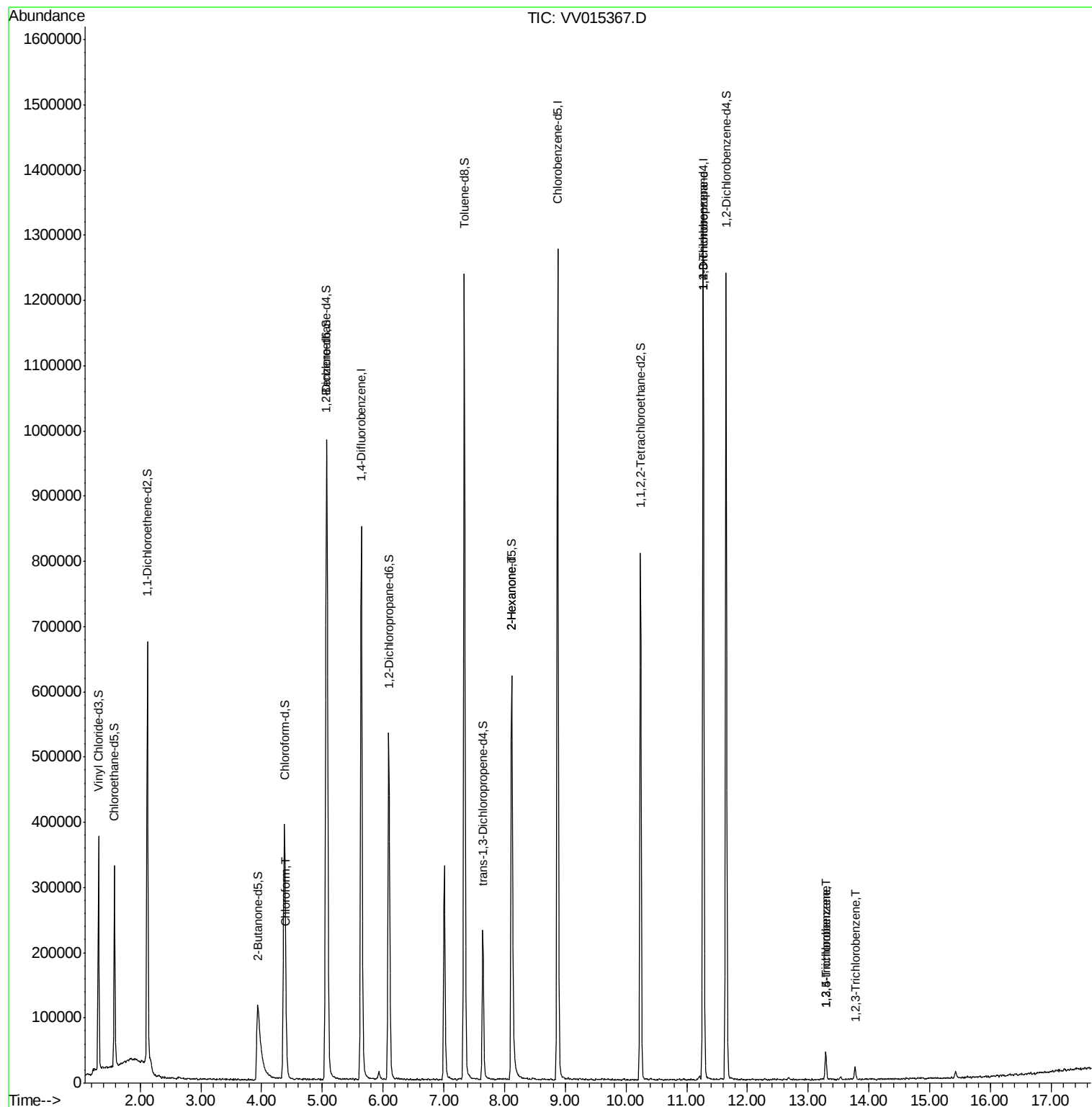
					Ovalue
25) Chloroform	4.41	83	14939	1.477 ug/L	97
48) 2-Hexanone	8.12	43	27022	4.910 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	42480	6.085 ug/L	93
67) 1,3,5-Trichlorobenzene	13.29	180	11706	1.563 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	11706	1.711 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	4995	0.709 ug/L	99

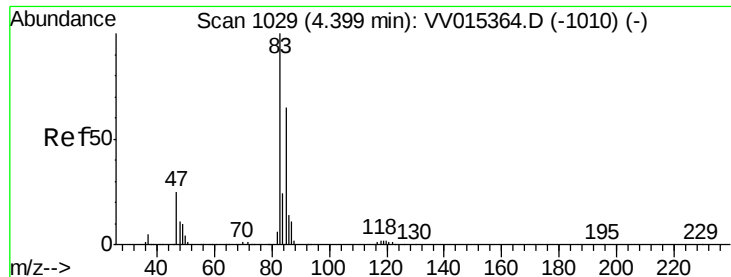
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 03 01:25:45 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 1.477 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015367.D

Acq: 02 Apr 2020 12:22

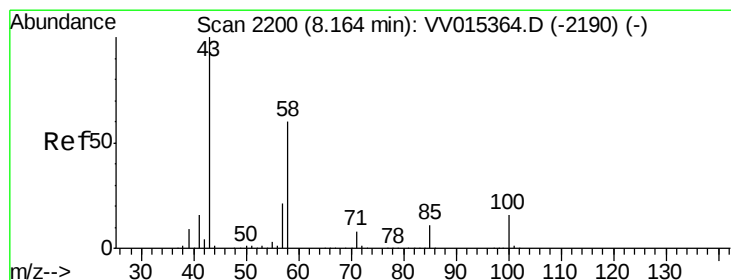
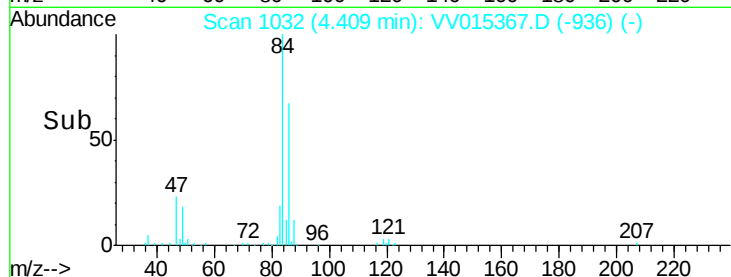
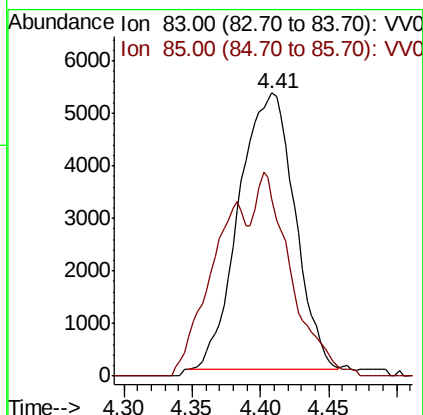
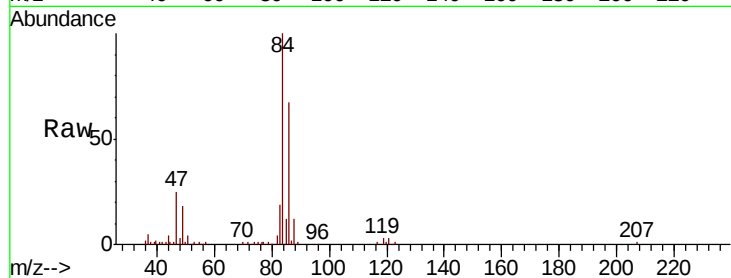
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 14939

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.9



#48

2-Hexanone

Concen: 4.910 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015367.D

Acq: 02 Apr 2020 12:22

Tgt Ion: 43 Resp: 27022

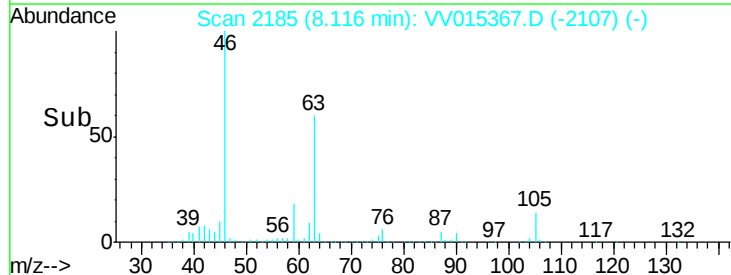
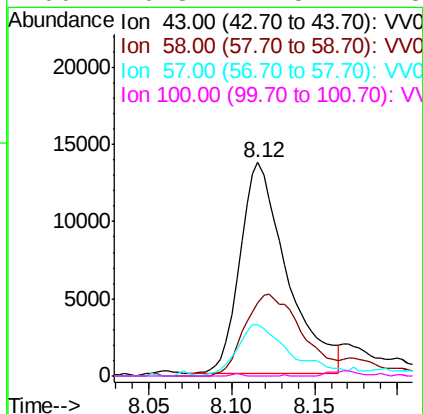
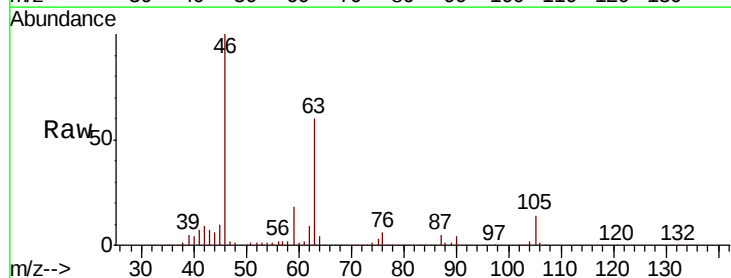
Ion Ratio Lower Upper

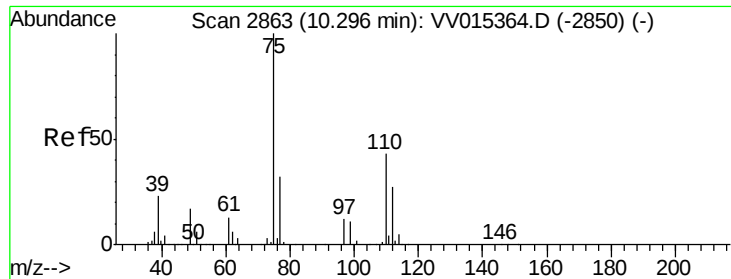
43 100

58 47.0 47.4 71.2#

57 23.2 16.7 25.1

100 0.3 11.5 17.3#





#59

1,2,3-Trichloropropane

Concen: 6.085 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015367.D

Acq: 02 Apr 2020 12:22

Instrument :

MSVOA_V

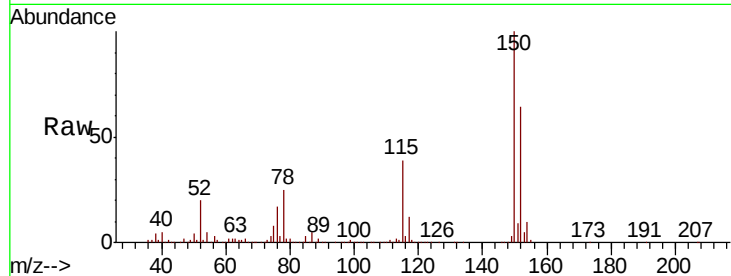
ClientSampleId :

Tot Ion: 75 Resp: 42480

Ion Ratio Lower Upper

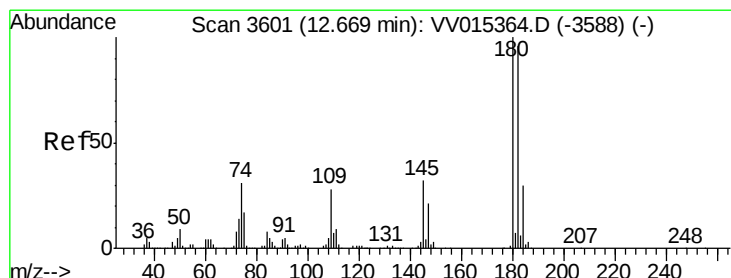
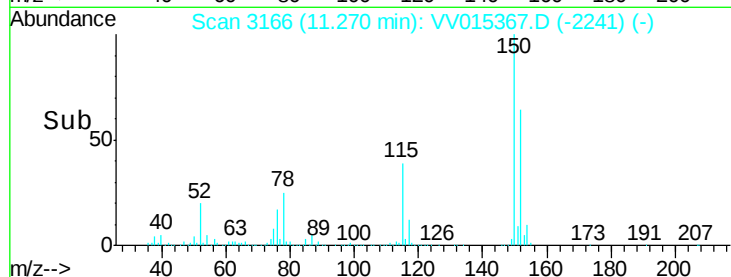
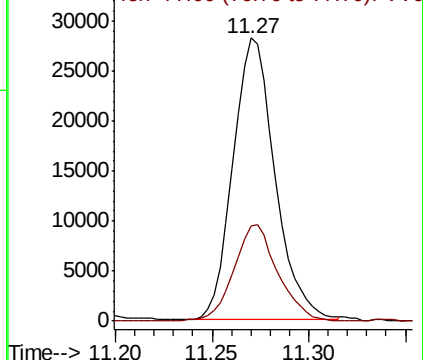
75 100

77 35.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV015367.D (-2241) (-)

Ion 77.00 (76.70 to 77.70): VV015367.D (-2241) (-)



#67

1,3,5-Trichlorobenzene

Concen: 1.563 ug/L

RT: 13.29 min Scan# 3794

Delta R.T. 0.62 min

Lab File: VV015367.D

Acq: 02 Apr 2020 12:22

Tgt Ion:180 Resp: 11706

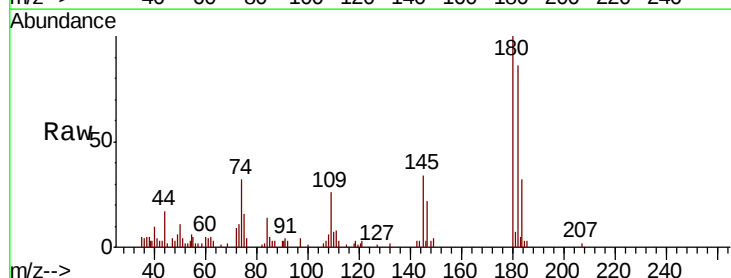
Ion Ratio Lower Upper

180 100

182 91.4 74.7 112.1

184 31.7 23.7 35.5

145 35.5 26.8 40.2

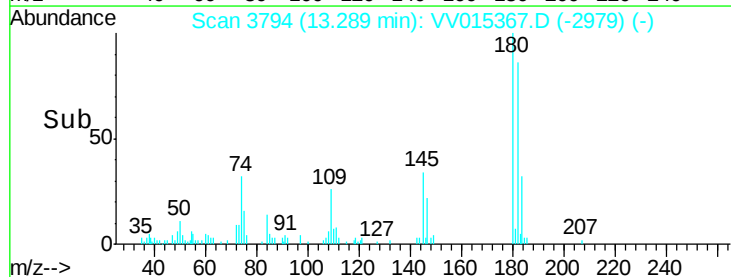
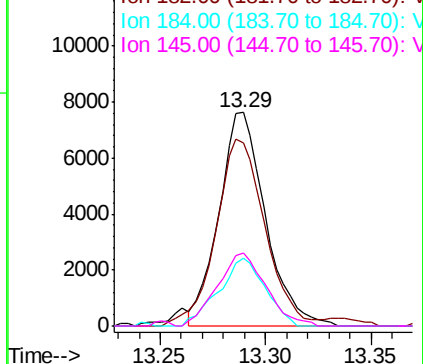


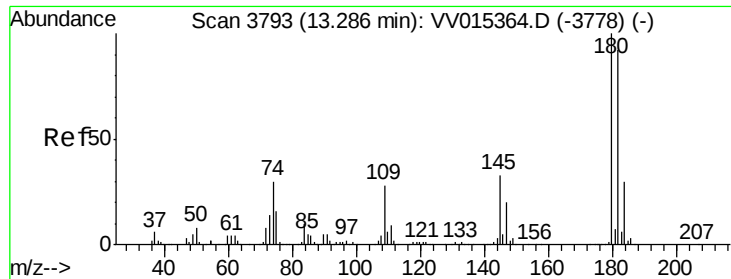
Abundance Ion 180.00 (179.70 to 180.70): VV015367.D (-2979) (-)

Ion 182.00 (181.70 to 182.70): VV015367.D (-2979) (-)

Ion 184.00 (183.70 to 184.70): VV015367.D (-2979) (-)

Ion 145.00 (144.70 to 145.70): VV015367.D (-2979) (-)

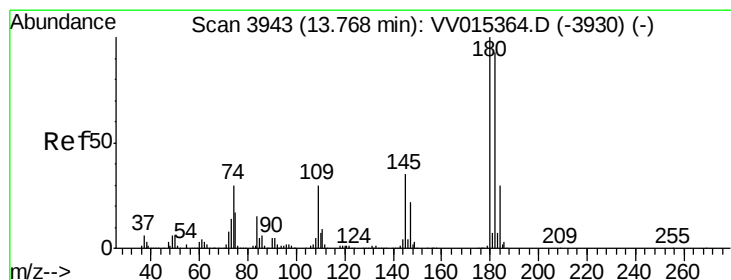
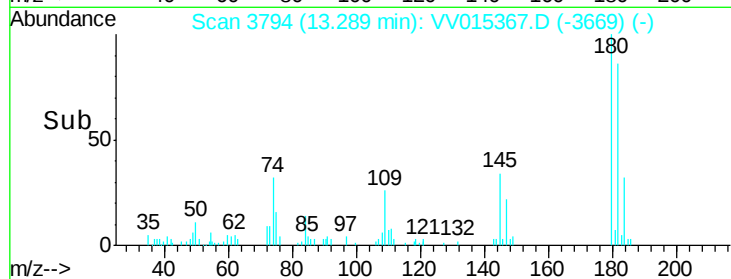
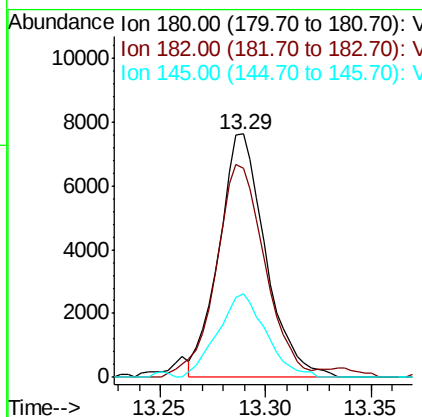
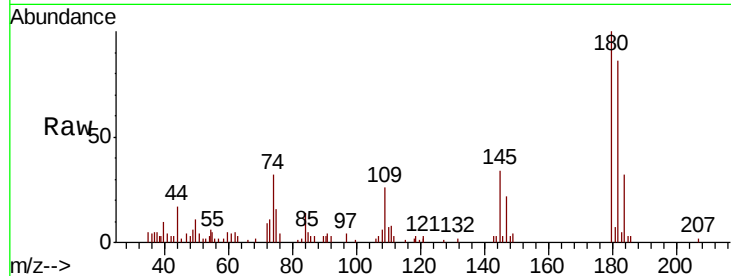




#68
 1,2,4-trichlorobenzene
 Concen: 1.711 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015367.D
 Acq: 02 Apr 2020 12:22

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180 Resp: 11706
 Ion Ratio Lower Upper
 180 100
 182 91.4 75.8 113.8
 145 35.5 27.7 41.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.709 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV015367.D
 Acq: 02 Apr 2020 12:22

Tgt Ion:180 Resp: 4995
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.1 114.1
 145 35.6 28.2 42.4

