

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019537.D
 Acq On : 11 Dec 2020 02:38
 Operator : SY/MD
 Sample : VV1210WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK99

Quant Time: Dec 11 04:43:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 04:38:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	681654	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	630093	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	290740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	233174	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.40%
7) Chloroethane-d5	1.57	69	191457	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.32%
11) 1,1-Dichloroethene-d2	2.11	63	338079	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.54%
21) 2-Butanone-d5	3.90	46	290725	109.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.43%
24) Chloroform-d	4.35	84	426809	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.04	65	293875	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
32) Benzene-d6	5.05	84	849595	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.07	67	269319	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.32	98	761487	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%
43) trans-1,3-Dichloropropene-	7.62	79	142013	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.86%
47) 2-Hexanone-d5	8.09	63	215881	104.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.49%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	357879	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	276398	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

Target Compounds

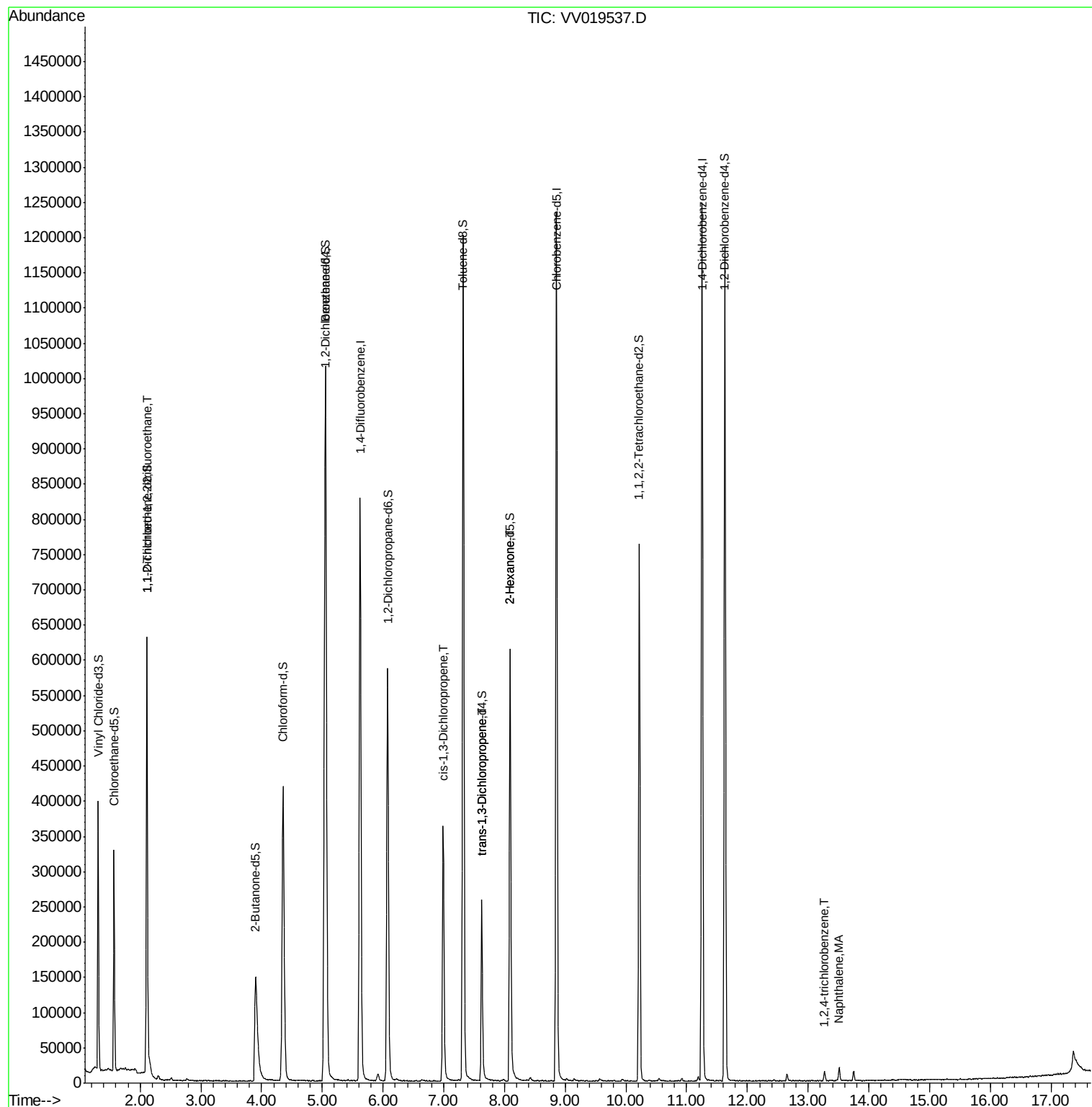
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3241	0.819 ug/L #	25
39) cis-1,3-Dichloropropene	6.99	75	9301	1.165 ug/L #	69
44) trans-1,3-Dichloropropene	7.62	75	7659	0.947 ug/L	96
48) 2-Hexanone	8.09	43	25084	4.765 ug/L #	65
68) 1,2,4-trichlorobenzene	13.27	180	3784	0.642 ug/L	94
69) Naphthalene	13.51	128	13700	0.670 ug/L	99

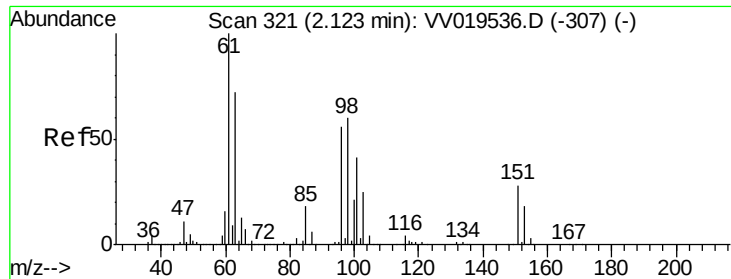
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.819 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019537.D

Acq: 11 Dec 2020 02:38

Instrument :

MSVOA_V

ClientSampleId :

VBLK99

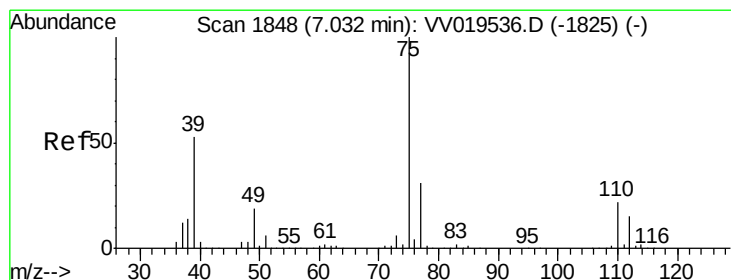
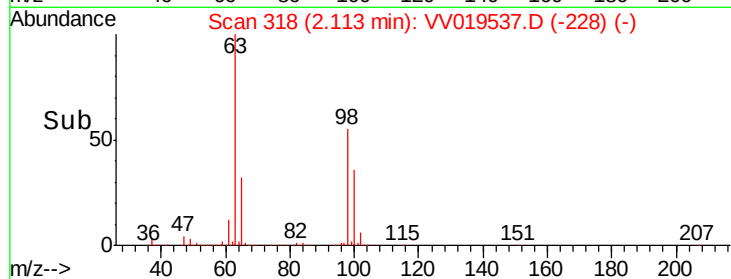
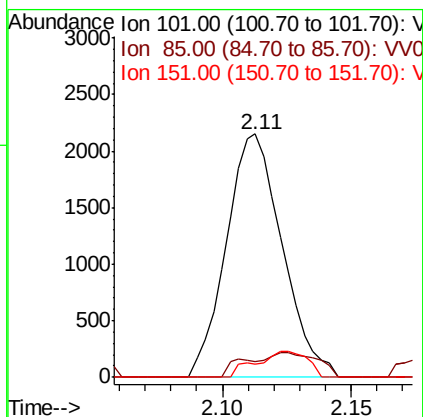
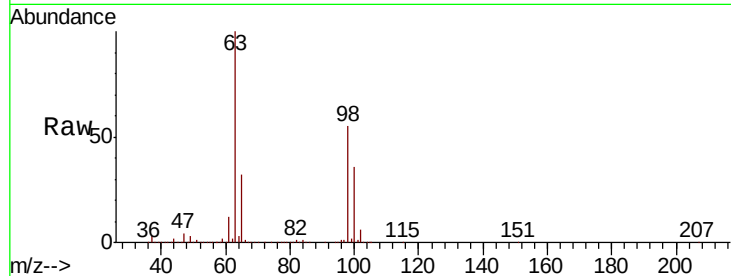
Tot Ion:101 Resp: 3241

Ion Ratio Lower Upper

101 100

85 3.5 35.0 52.4#

151 2.2 55.8 83.8#



#39

cis-1,3-Dichloropropene

Concen: 1.165 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019537.D

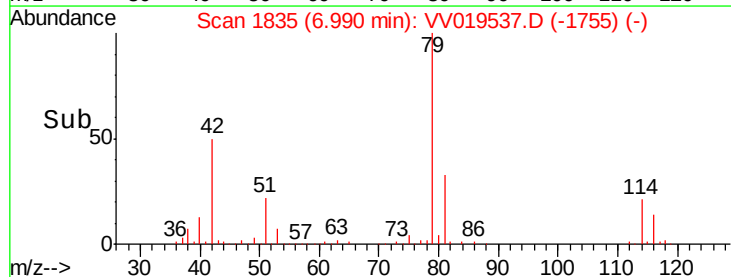
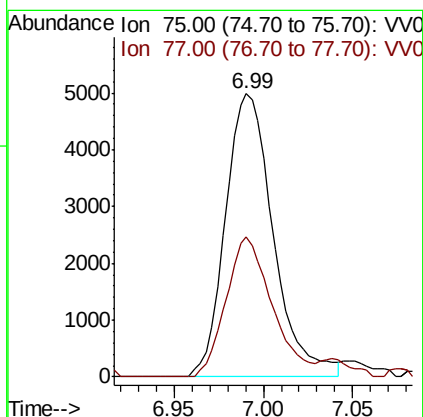
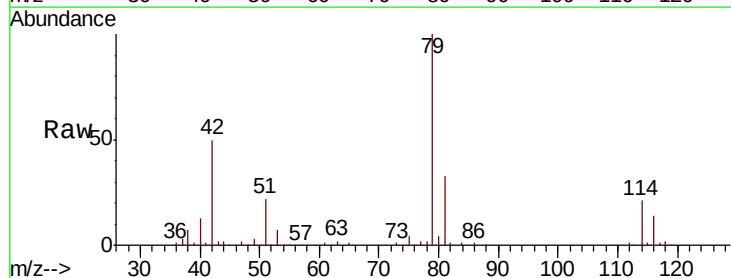
Acq: 11 Dec 2020 02:38

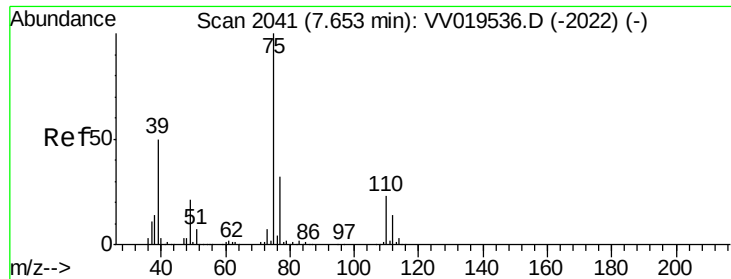
Tgt Ion: 75 Resp: 9301

Ion Ratio Lower Upper

75 100

77 49.4 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.947 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. -0.03 min

Lab File: VV019537.D

Acq: 11 Dec 2020 02:38

Instrument :

MSVOA_V

ClientSampleId :

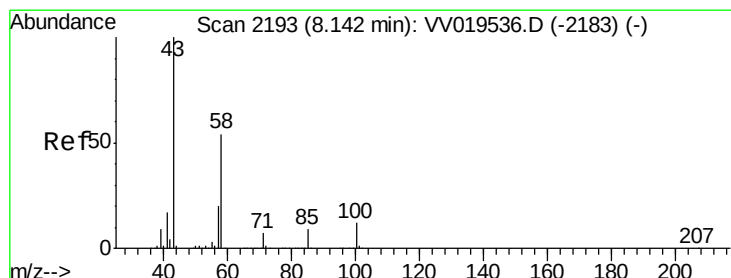
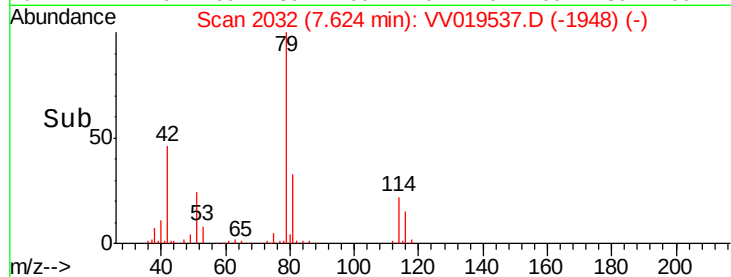
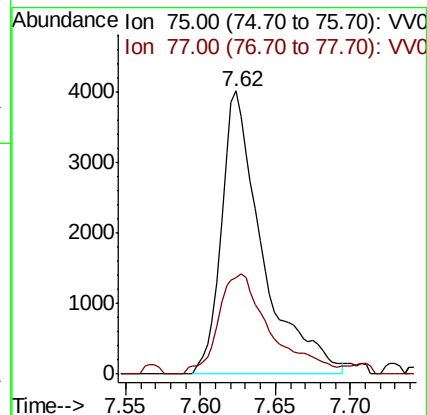
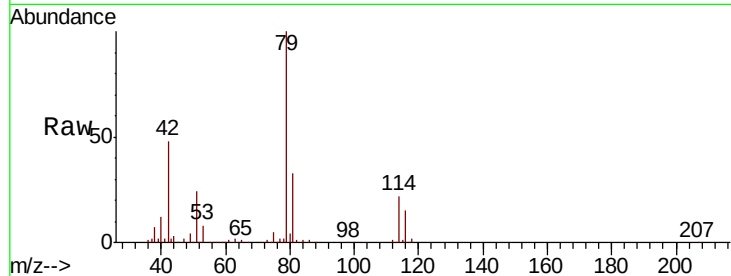
VBLK99

Tot Ion: 75 Resp: 7659

Ion Ratio Lower Upper

75 100

77 34.3 22.5 41.9



#48

2-Hexanone

Concen: 4.765 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019537.D

Acq: 11 Dec 2020 02:38

Tgt Ion: 43 Resp: 25084

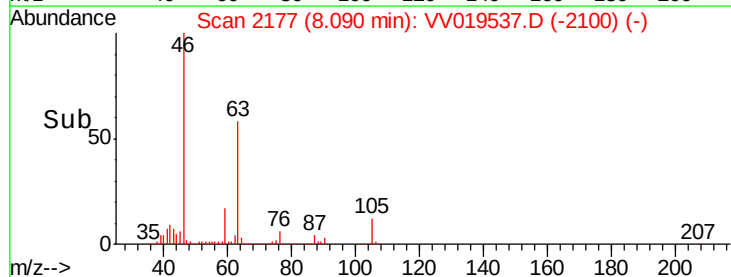
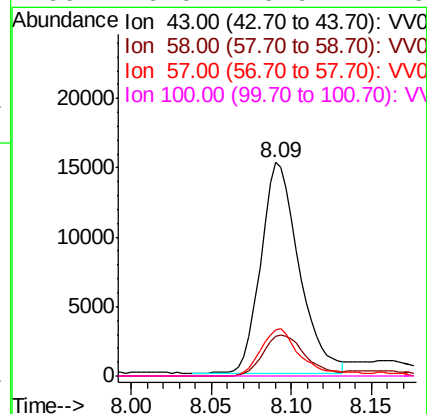
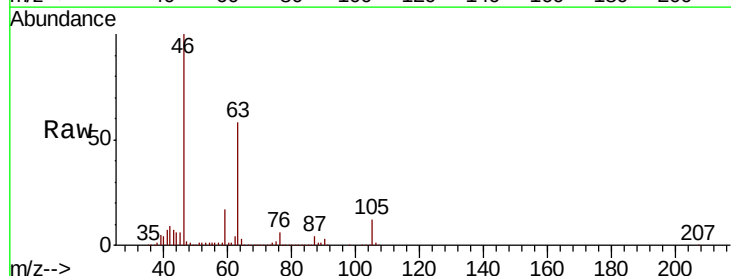
Ion Ratio Lower Upper

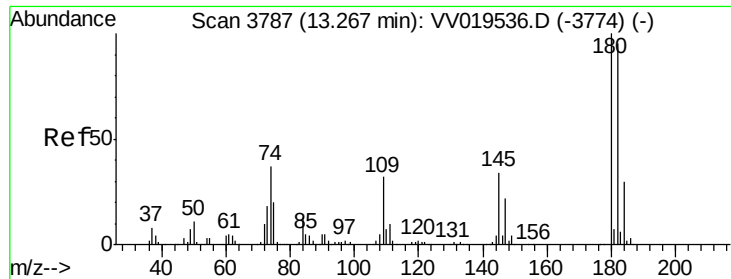
43 100

58 21.8 44.4 66.6#

57 22.8 15.7 23.5

100 0.0 9.9 14.9#

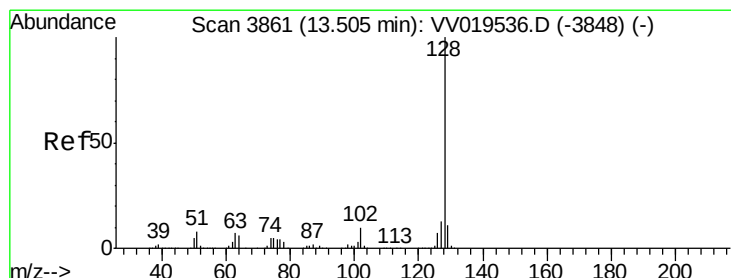
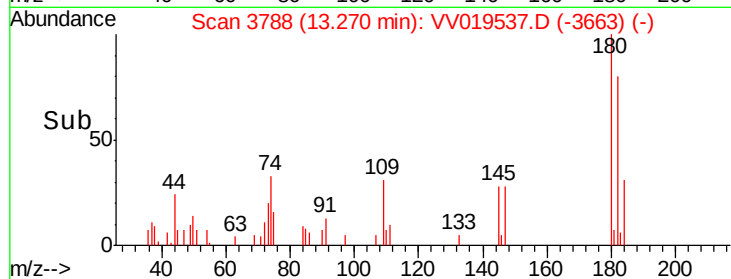
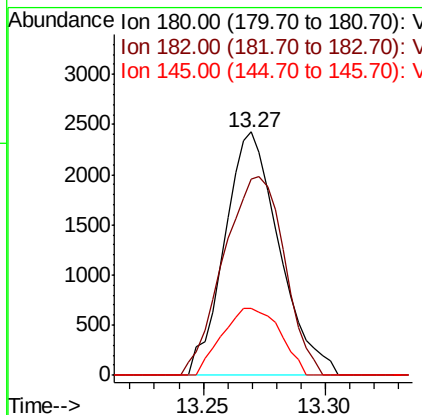
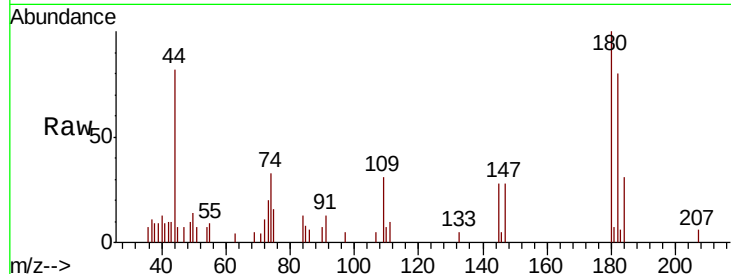




#68
 1,2,4-trichlorobenzene
 Concen: 0.642 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. 0.00 min
 Lab File: VV019537.D
 Acq: 11 Dec 2020 02:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK99

Tot Ion:180 Resp: 3784
 Ion Ratio Lower Upper
 180 100
 182 90.8 76.5 114.7
 145 29.3 27.0 40.6



#69
 Naphthalene
 Concen: 0.670 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VV019537.D
 Acq: 11 Dec 2020 02:38

Tgt Ion:128 Resp: 13700
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 11.3 8.6 12.8

