

Data File : VV013544.D
Acq On : 08 Nov 2019 17:20
Operator : SY/MD
Sample : K5747-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J01

Quant Time: Nov 08 22:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	389817	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	391822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	182066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85226	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	82599	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.13	63	107140	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.93	46	265752	45.12	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.40	84	206327	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	120550	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	395385	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.11	67	140456	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	309706	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	48075	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.13	63	177523	43.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93597	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	168797	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

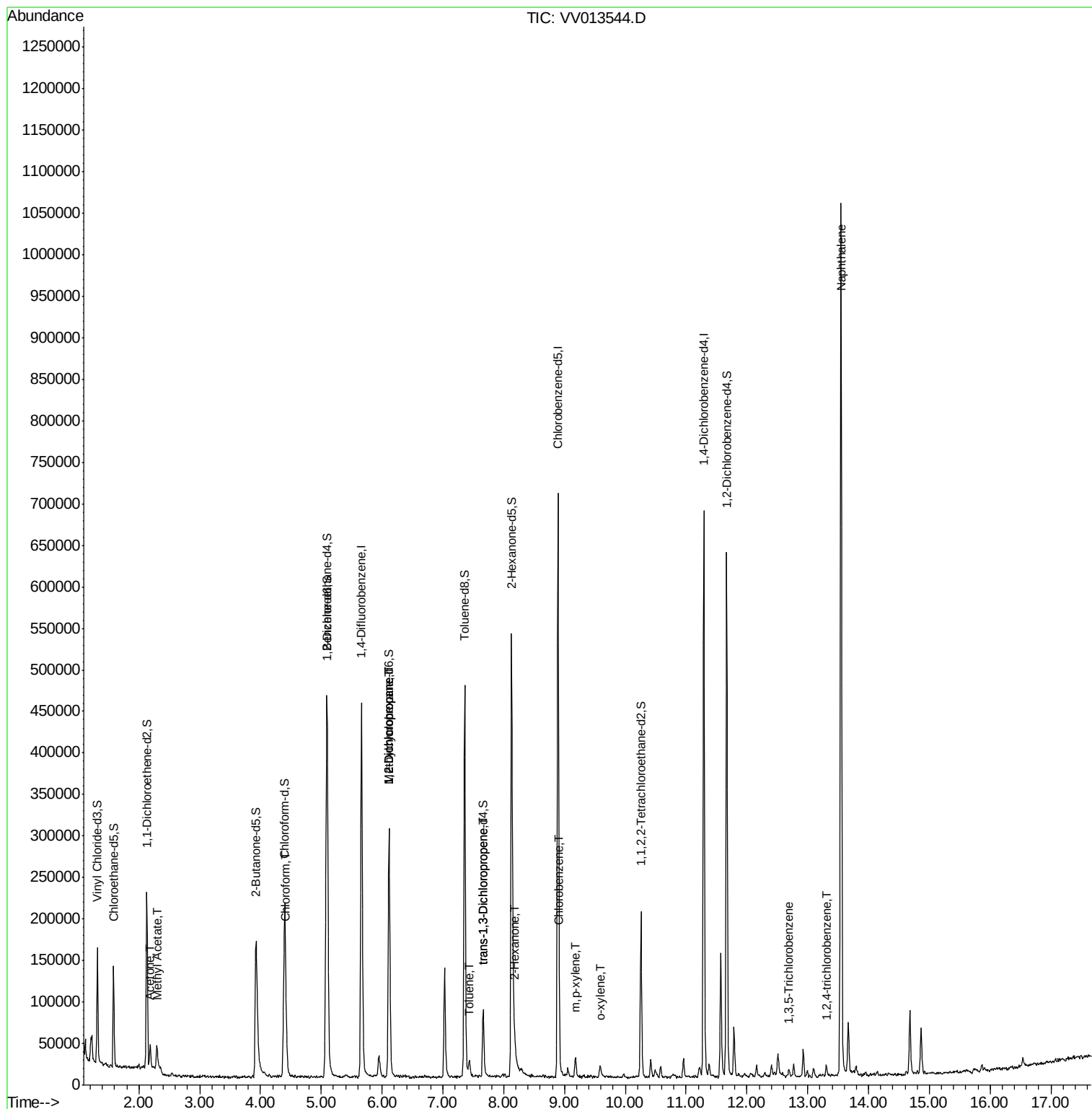
					Qvalue
13) Acetone	2.19	43	27694	7.751	ug/L 98
15) Methyl Acetate	2.30	43	6333	0.593	ug/L # 62
25) Chloroform	4.42	83	24412	0.412	ug/L 95
35) Methylcyclohexane	6.11	83	34033	0.682	ug/L # 19
37) 1,2-Dichloropropane	6.11	63	15995	0.534	ug/L # 88
42) Toluene	7.43	91	12599	0.100	ug/L 96
44) trans-1,3-Dichloropropene	7.67	75	2478	0.076	ug/L 88
48) 2-Hexanone	8.18	43	18738	1.537	ug/L # 77
51) Chlorobenzene	8.92	112	4440	0.053	ug/L # 90
53) m,p-xylene	9.18	106	6747	0.133	ug/L 91
54) o-xylene	9.59	106	4247	0.087	ug/L 86
67) 1,3,5-Trichlorobenzene	12.69	180	2670	0.056	ug/L # 88
68) 1,2,4-trichlorobenzene	13.31	180	3677	0.097	ug/L 93
69) Naphthalene	13.55	128	794326	15.490	ug/L 99

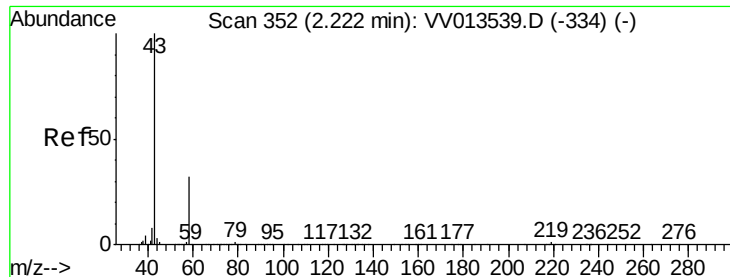
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.751 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV013544.D

Acq: 08 Nov 2019 17:20

Instrument :

MSVOA_V

ClientSampleId :

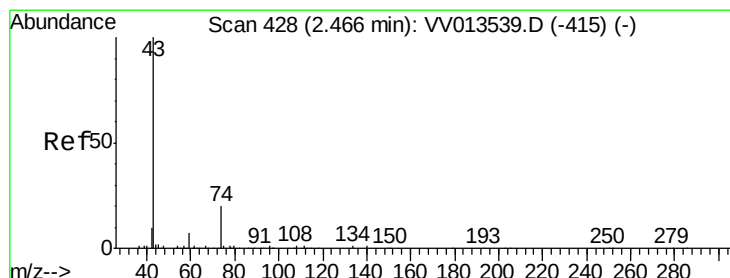
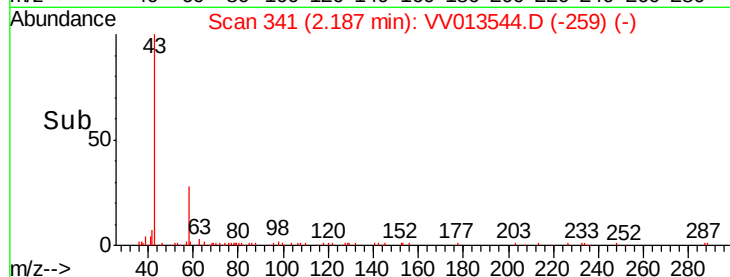
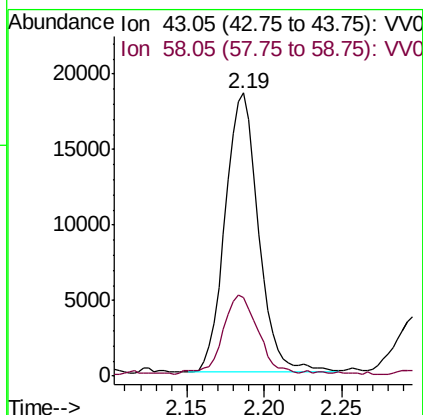
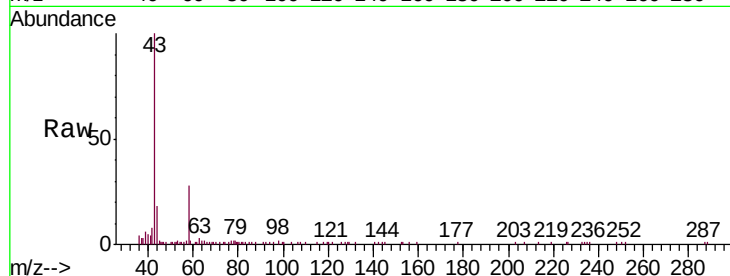
F2J01

Tgt Ion: 43 Resp: 27694

Ion Ratio Lower Upper

43 100

58 29.3 0.0 60.8



#15

Methyl Acetate

Concen: 0.593 ug/L

RT: 2.30 min Scan# 375

Delta R.T. -0.17 min

Lab File: VV013544.D

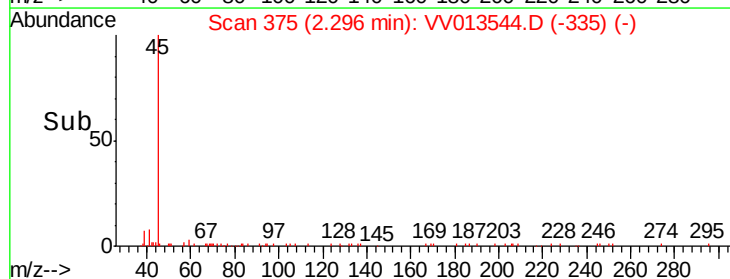
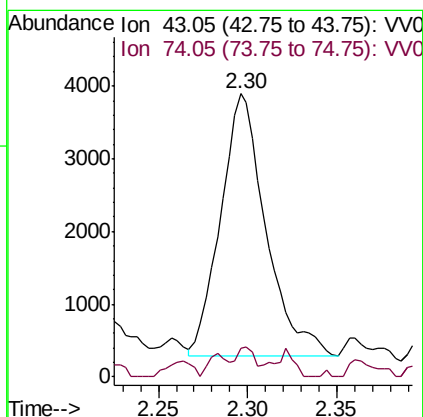
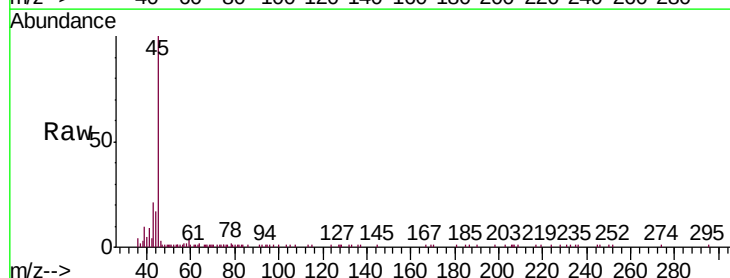
Acq: 08 Nov 2019 17:20

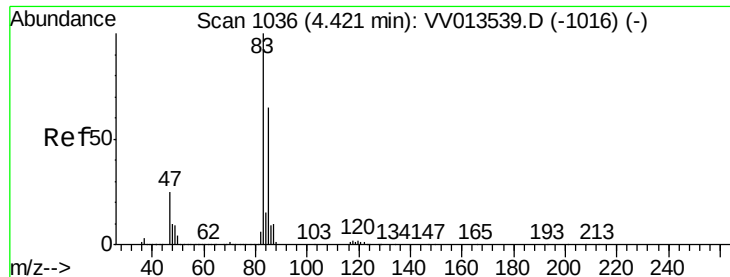
Tgt Ion: 43 Resp: 6333

Ion Ratio Lower Upper

43 100

74 5.1 19.4 29.0#

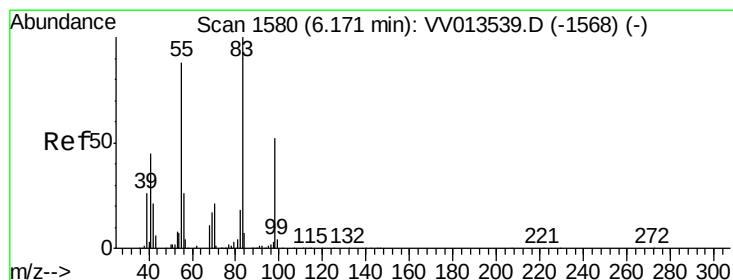
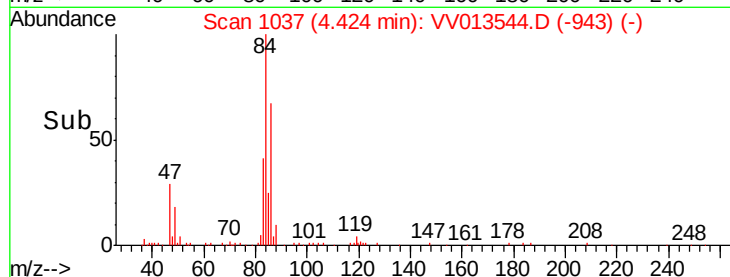
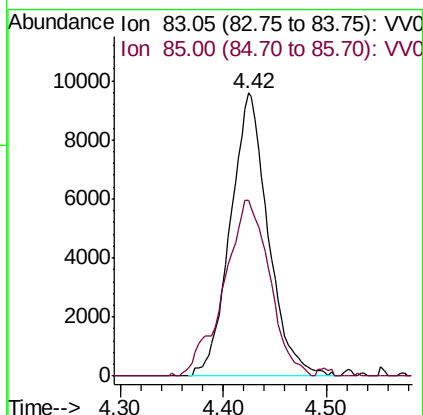
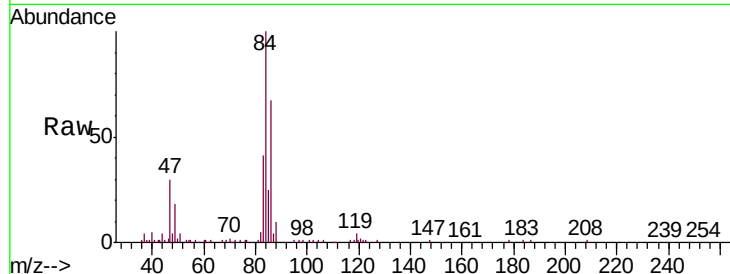




#25
Chloroform
Concen: 0.412 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013544.D
Acq: 08 Nov 2019 17:20

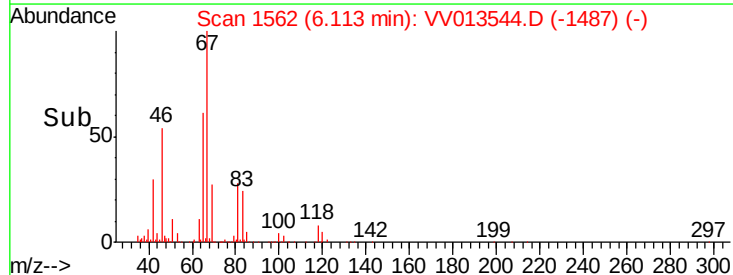
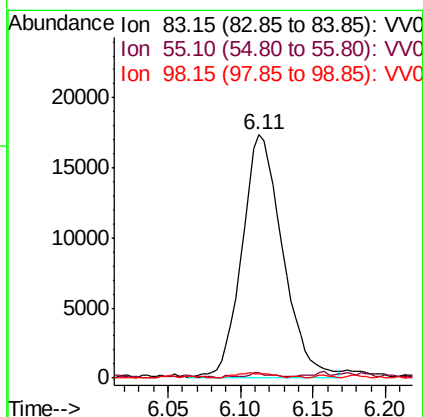
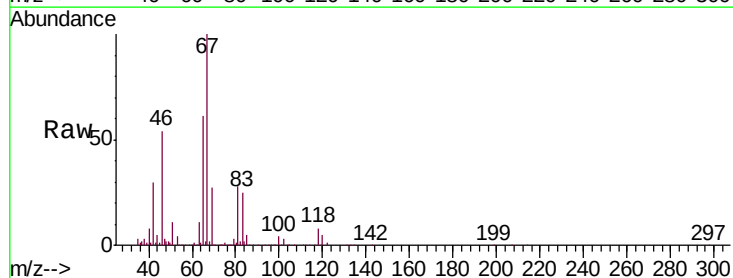
Instrument :
MSVOA_V
ClientSampled :
F2J01

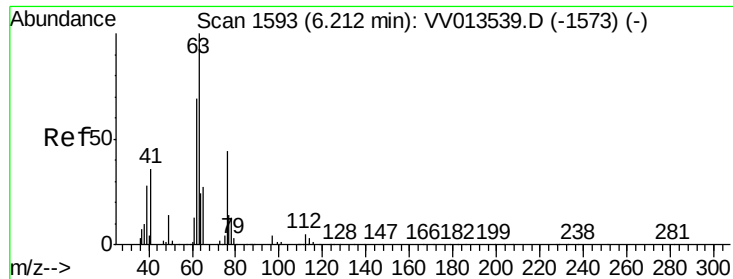
Tgt Ion: 83 Resp: 24412
Ion Ratio Lower Upper
83 100
85 62.0 46.3 86.1



#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013544.D
Acq: 08 Nov 2019 17:20

Tgt Ion: 83 Resp: 34033
Ion Ratio Lower Upper
83 100
55 1.5 63.8 95.8#
98 1.9 38.4 57.6#

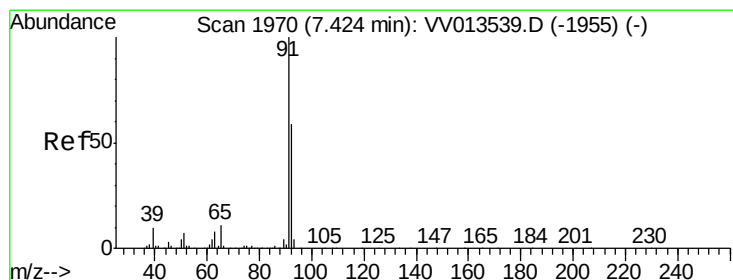
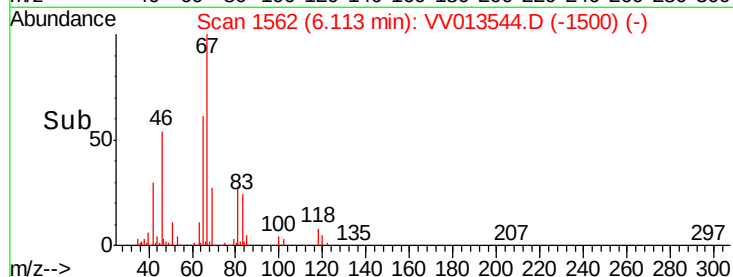
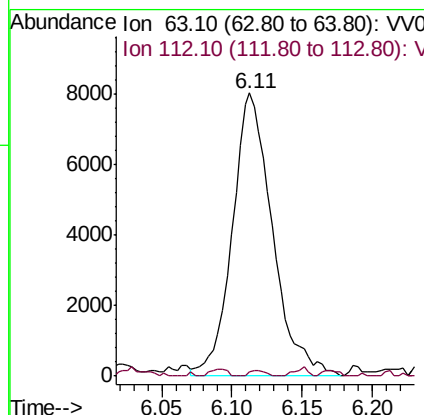
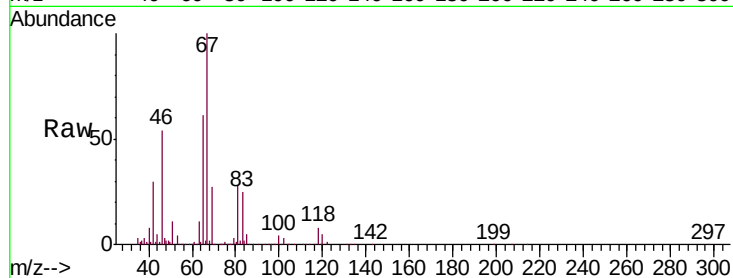




#37
 1,2-Dichloropropane
 Concen: 0.534 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013544.D
 Acq: 08 Nov 2019 17:20

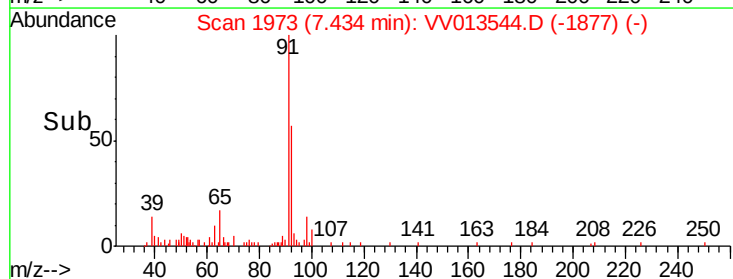
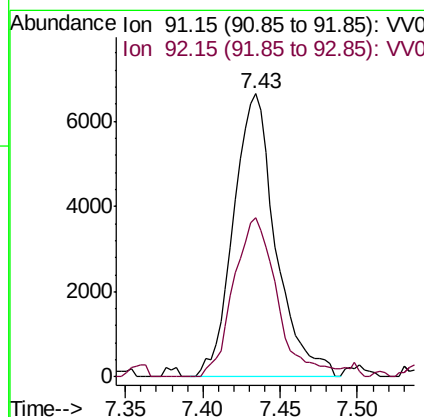
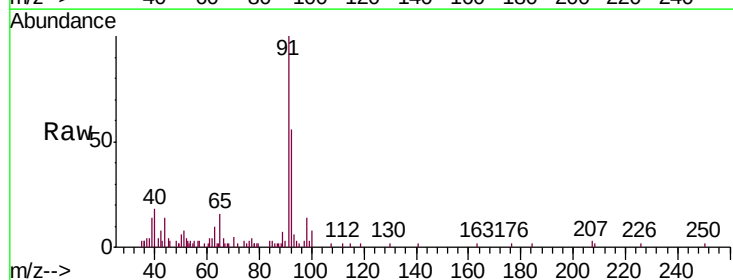
Instrument :
 MSVOA_V
 ClientSampleId :
 F2J01

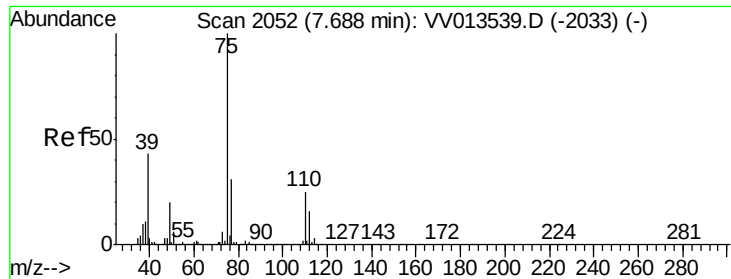
Tgt Ion: 63 Resp: 15995
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.8 5.6#



#42
 Toluene
 Concen: 0.100 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV013544.D
 Acq: 08 Nov 2019 17:20

Tgt Ion: 91 Resp: 12599
 Ion Ratio Lower Upper
 91 100
 92 56.2 41.4 77.0





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV013544.D

Acq: 08 Nov 2019 17:20

Instrument :

MSVOA_V

ClientSampleId :

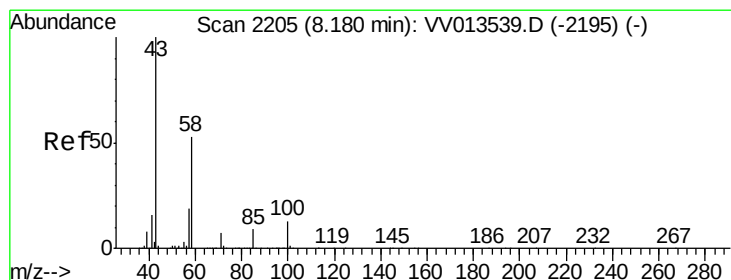
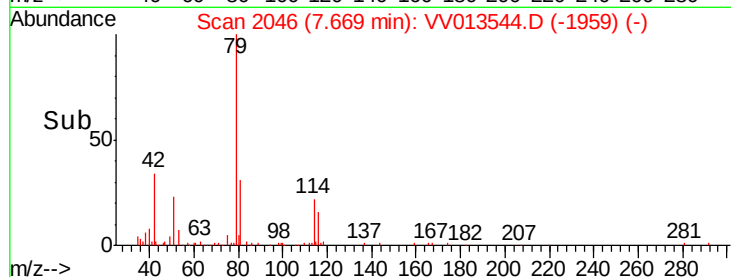
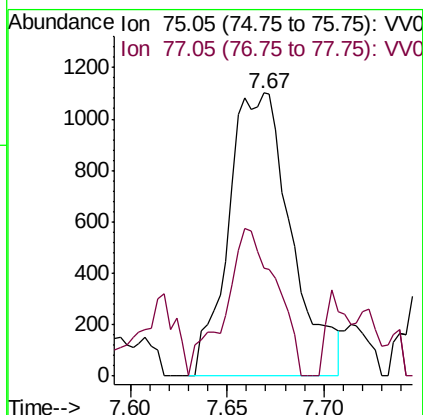
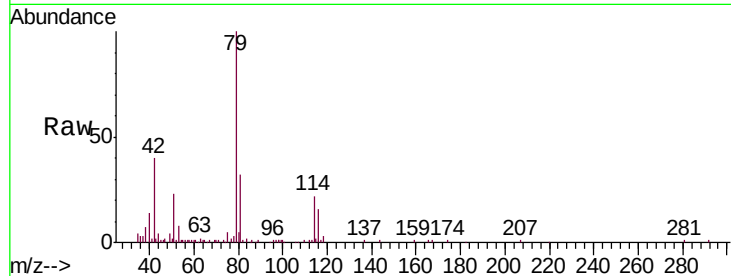
F2J01

Tgt Ion: 75 Resp: 2478

Ion Ratio Lower Upper

75 100

77 38.1 22.2 41.2



#48

2-Hexanone

Concen: 1.537 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013544.D

Acq: 08 Nov 2019 17:20

Tgt Ion: 43 Resp: 18738

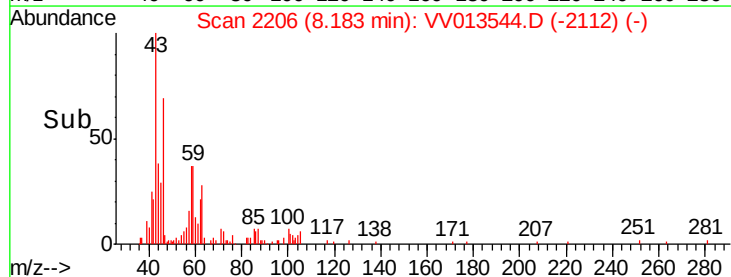
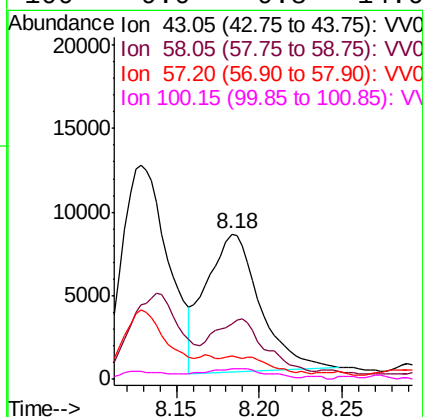
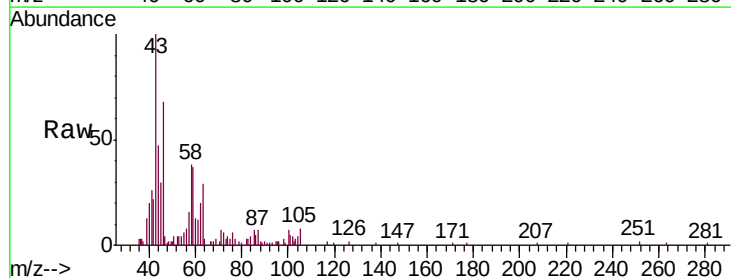
Ion Ratio Lower Upper

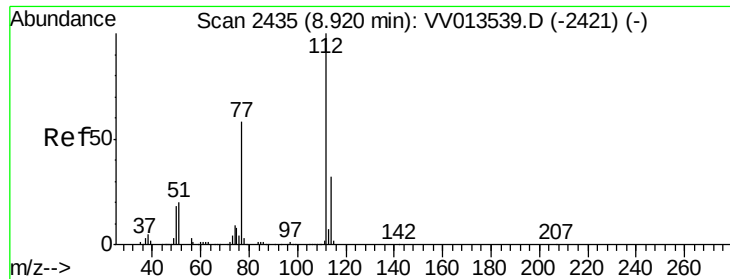
43 100

58 40.8 43.8 65.8#

57 0.0 15.0 22.6#

100 9.0 9.8 14.6#





#51

Chlorobenzene

Concen: 0.053 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV013544.D

Acq: 08 Nov 2019 17:20

Instrument :

MSVOA_V

ClientSampleId :

F2J01

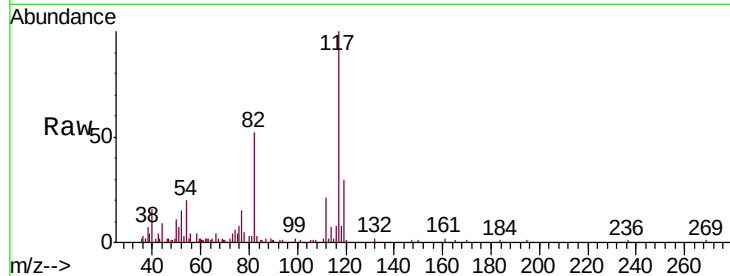
Tgt Ion:112 Resp: 4440

Ion Ratio Lower Upper

112 100

114 31.7 22.6 42.0

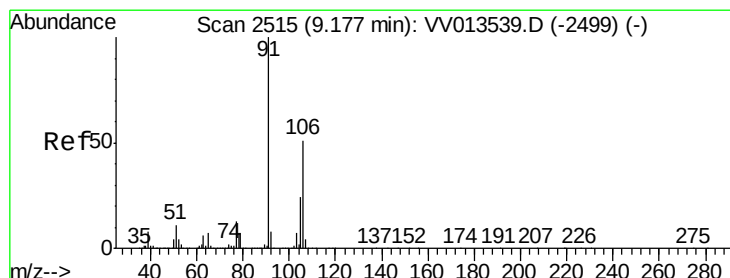
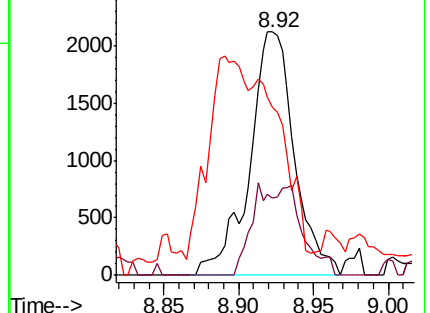
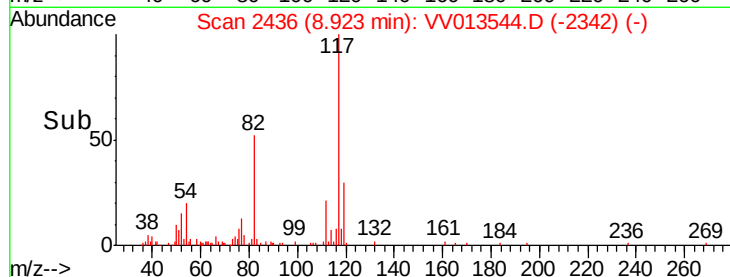
77 69.3 46.2 69.2#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0



#53

m,p-xylene

Concen: 0.133 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013544.D

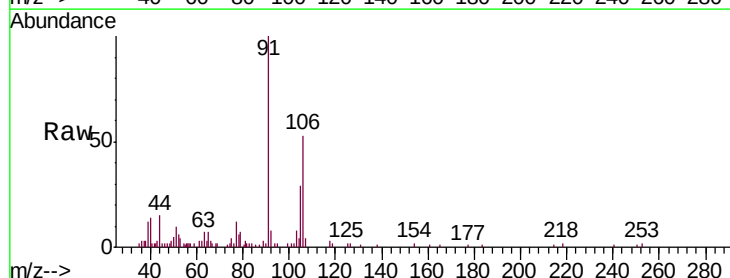
Acq: 08 Nov 2019 17:20

Tgt Ion:106 Resp: 6747

Ion Ratio Lower Upper

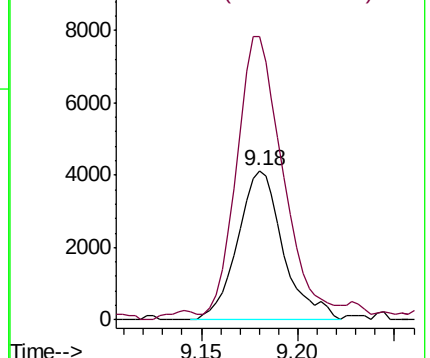
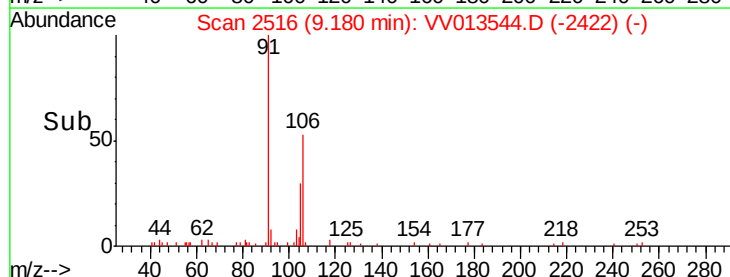
106 100

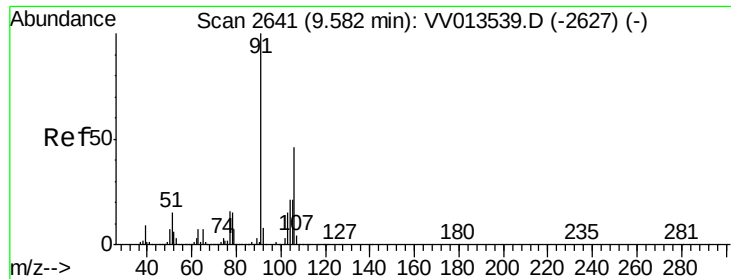
91 189.8 142.0 263.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54

o-xylene

Concen: 0.087 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013544.D

Acq: 08 Nov 2019 17:20

Instrument :

MSVOA_V

ClientSampled :

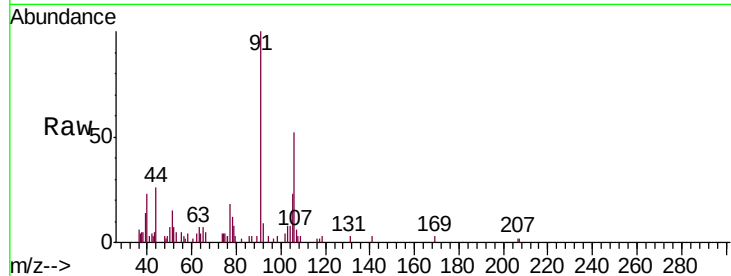
F2J01

Tgt Ion:106 Resp: 4247

Ion Ratio Lower Upper

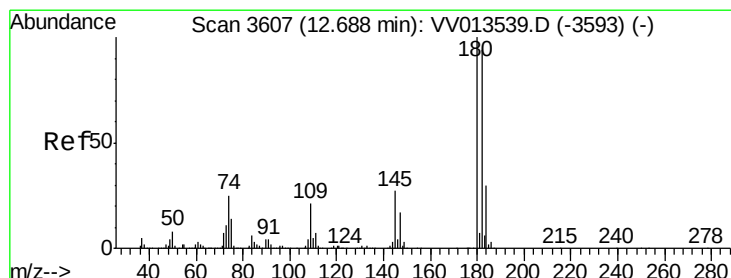
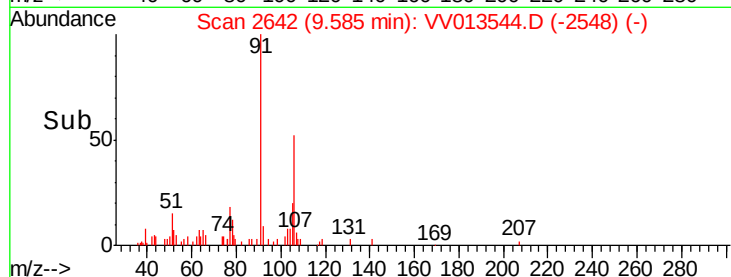
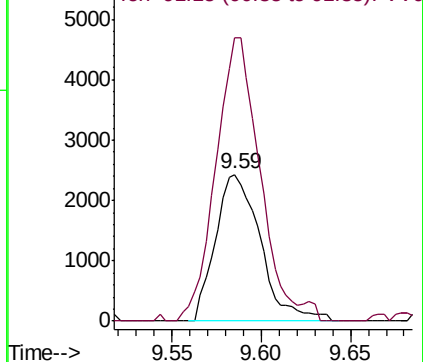
106 100

91 193.0 150.8 280.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#67

1,3,5-Trichlorobenzene

Concen: 0.056 ug/L

RT: 12.69 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VV013544.D

Acq: 08 Nov 2019 17:20

Tgt Ion:180 Resp: 2670

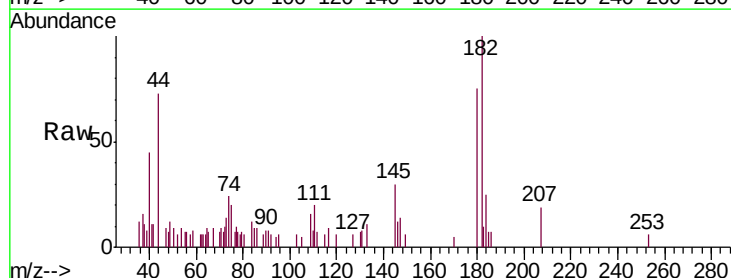
Ion Ratio Lower Upper

180 100

182 110.4 76.8 115.2

184 31.8 25.0 37.6

145 34.3 22.1 33.1#

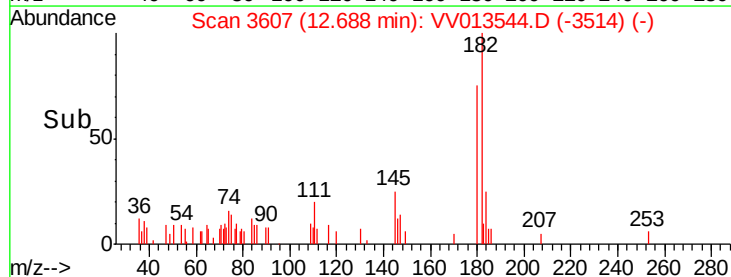
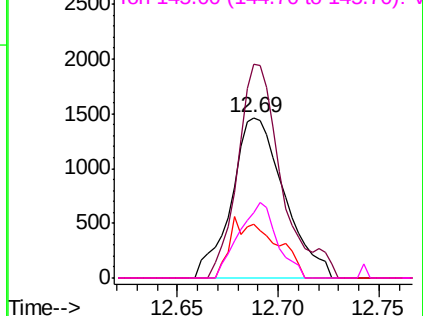


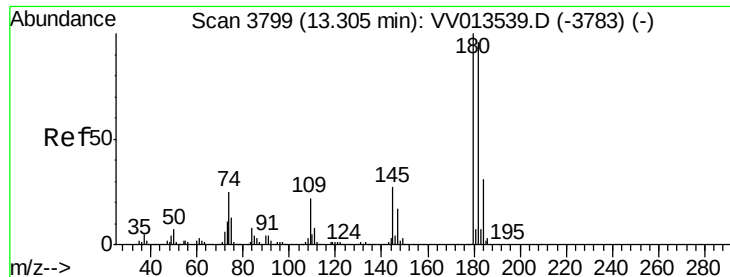
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

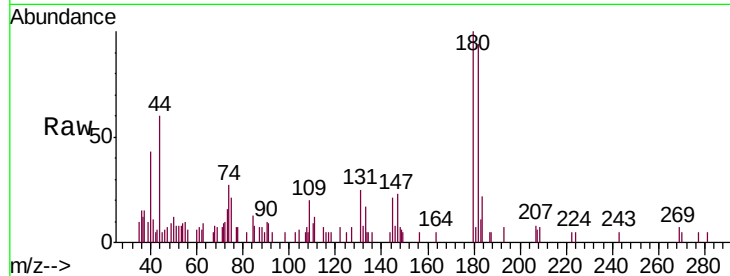




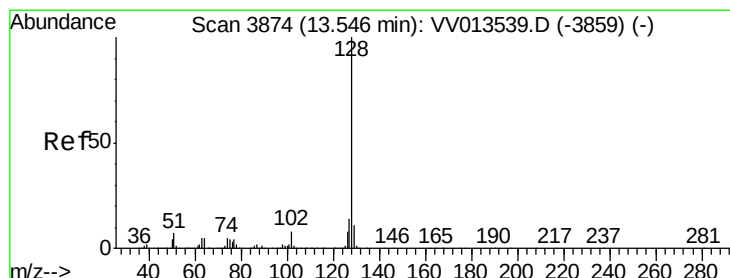
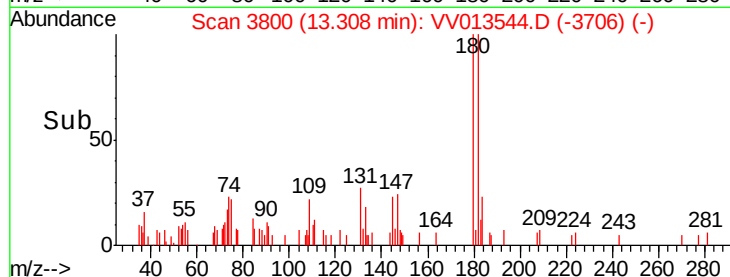
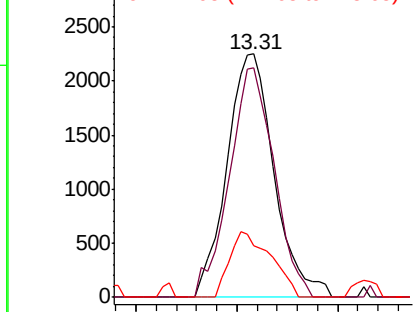
#68
 1,2,4-trichlorobenzene
 Concen: 0.097 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013544.D
 Acq: 08 Nov 2019 17:20

Instrument :
 MSVOA_V
 ClientSampleId :
 F2J01

Tgt Ion:180 Resp: 3677
 Ion Ratio Lower Upper
 180 100
 182 89.5 76.6 115.0
 145 23.7 22.2 33.4

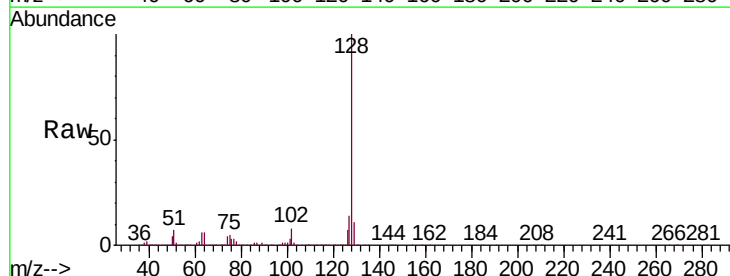


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 15.490 ug/L
 RT: 13.55 min Scan# 3874
 Delta R.T. -0.00 min
 Lab File: VV013544.D
 Acq: 08 Nov 2019 17:20

Tgt Ion:128 Resp: 794326
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.5 12.7
 127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

