

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012634.D
 Acq On : 09 Sep 2019 20:28
 Operator : SY/MD
 Sample : K4724-08
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDA9

Quant Time: Sep 11 01:11:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	405328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	407326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	215348	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126923	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	112325	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	153256	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.93	46	316390	47.82	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	4.40	84	230161	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	126881	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	467333	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	154932	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	380583	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	49184	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.13	63	216637	53.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	129247	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	190341	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

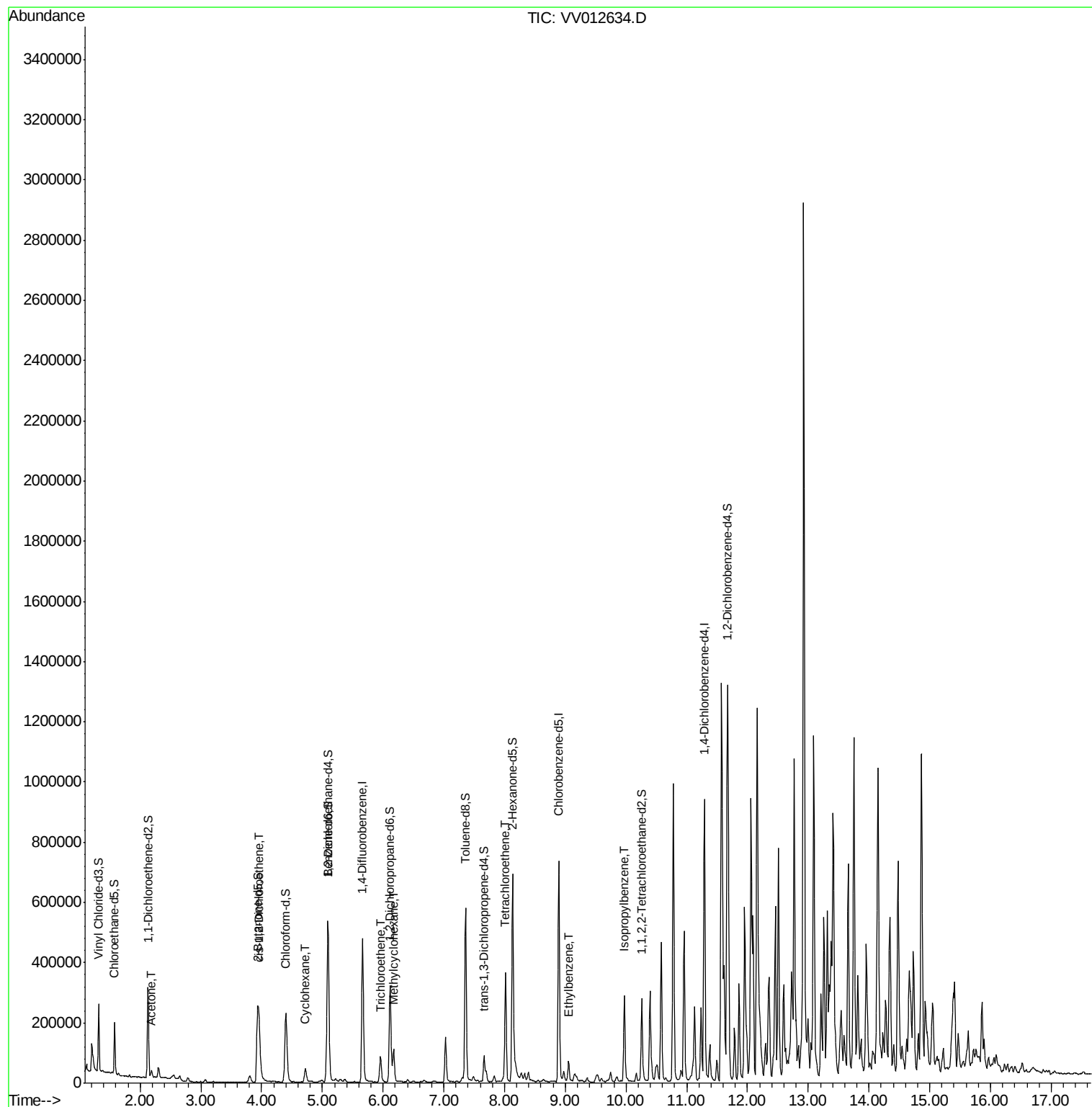
					Ovalue
13) Acetone	2.19	43	18457	4.759 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	59316	1.929 ug/L	94
30) Cyclohexane	4.72	56	20539	0.460 ug/L	99
34) Trichloroethene	5.96	95	26522	0.806 ug/L	96
35) Methylcyclohexane	6.17	83	36559	0.786 ug/L	91
47) Tetrachloroethene	8.02	164	83089	3.218 ug/L	98
52) Ethylbenzene	9.05	91	43402	0.326 ug/L	98
56) Isopropylbenzene	9.97	105	173213	1.358 ug/L	99

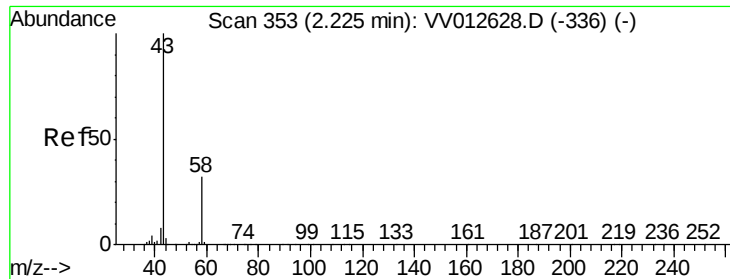
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.759 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012634.D

Acq: 09 Sep 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

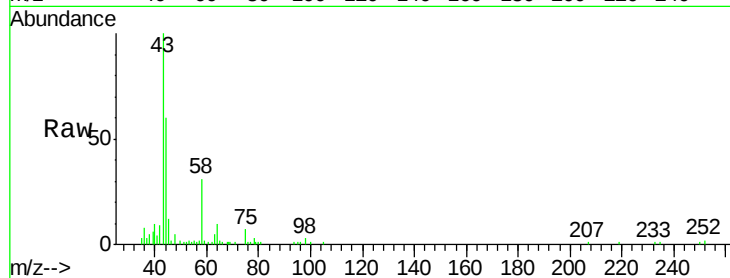
BFDA9

Tot Ion: 43 Resp: 18457

Ion Ratio Lower Upper

43 100

58 37.3 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV012628.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012628.D (-336) (-)

2.19

15000

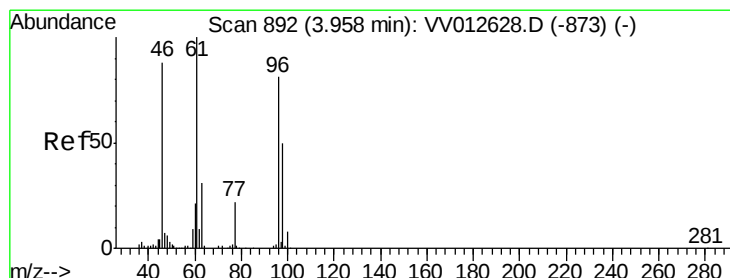
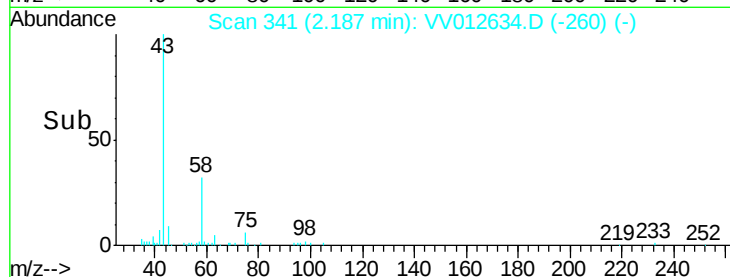
10000

5000

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 1.929 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV012634.D

Acq: 09 Sep 2019 20:28

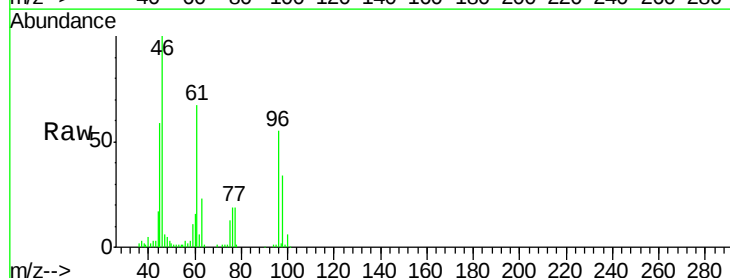
Tgt Ion: 96 Resp: 59316

Ion Ratio Lower Upper

96 100

61 121.6 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV012628.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VV012628.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VV012628.D (-873) (-)

3.96

40000

30000

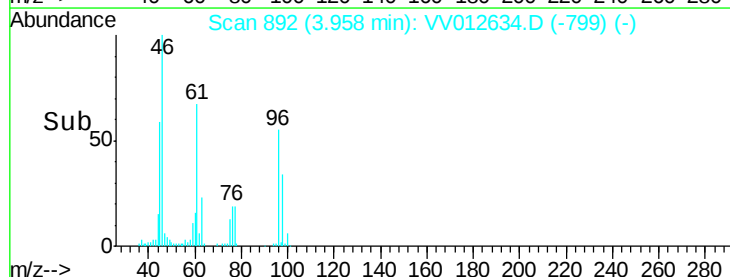
20000

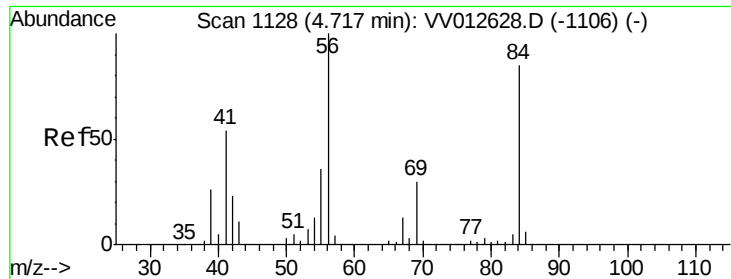
10000

0

Time-->

3.90 4.00 4.10

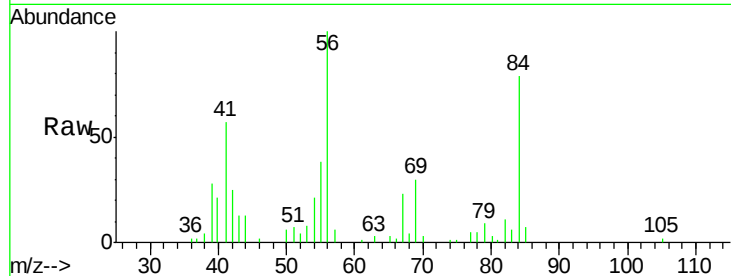




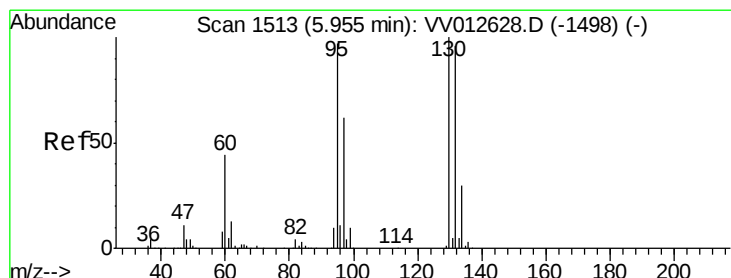
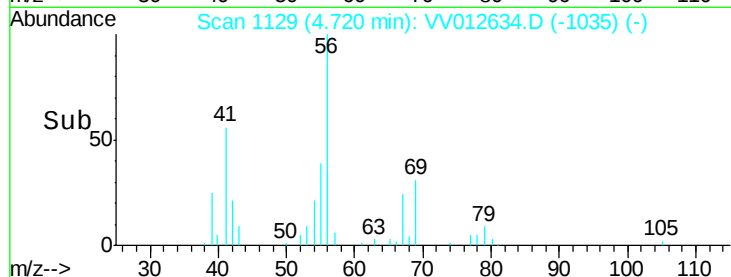
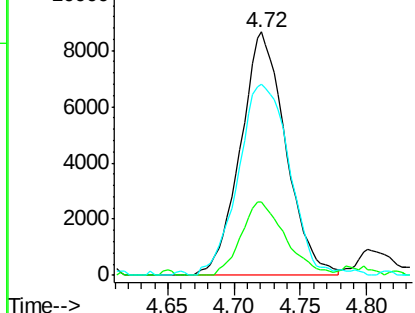
#30
Cyclohexane
Concen: 0.460 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV012634.D
Acq: 09 Sep 2019 20:28

Instrument :
MSVOA_V
ClientSampleId :
BFDA9

Tot Ion: 56 Resp: 20539
Ion Ratio Lower Upper
56 100
69 29.4 23.8 35.8
84 88.8 70.1 105.1

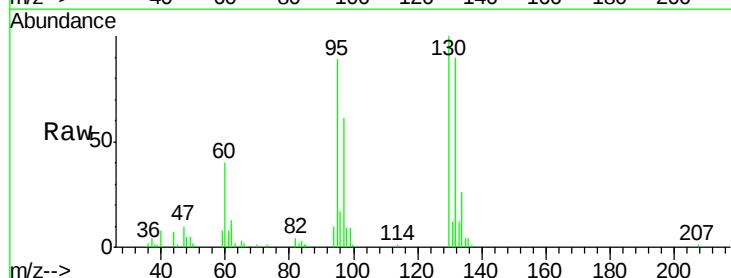


Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

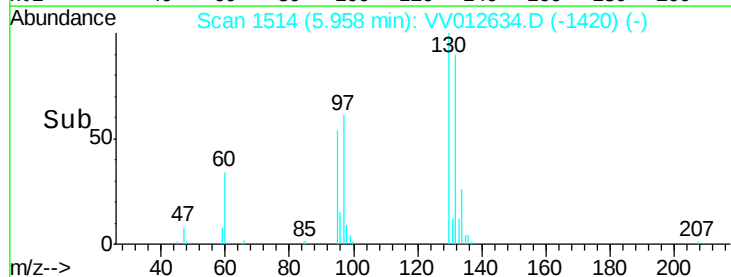
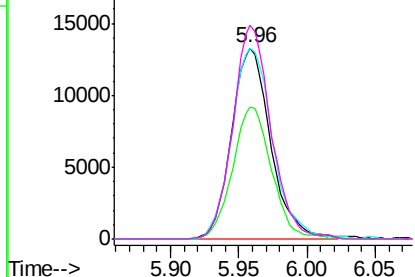


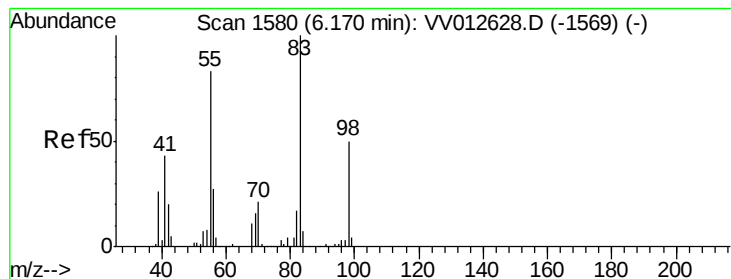
#34
Trichloroethene
Concen: 0.806 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012634.D
Acq: 09 Sep 2019 20:28

Tgt Ion: 95 Resp: 26522
Ion Ratio Lower Upper
95 100
97 68.8 45.4 84.2
132 100.3 70.2 130.4
130 112.0 74.2 137.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV012634.D

Acq: 09 Sep 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

BFDA9

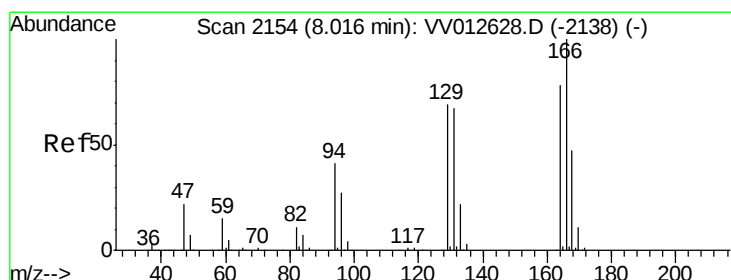
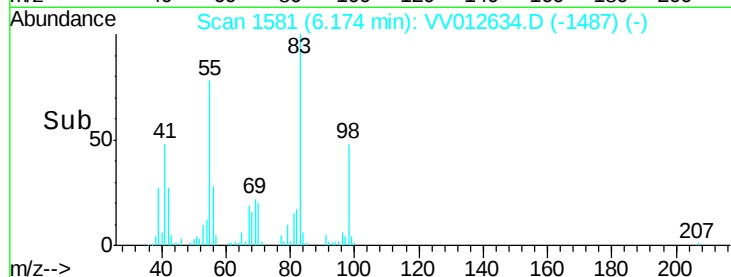
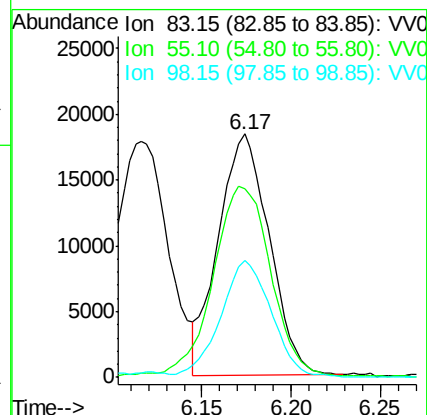
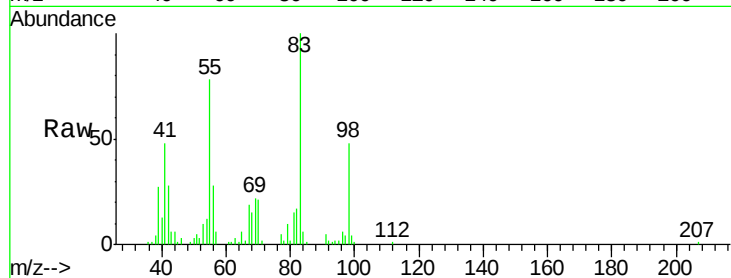
Tot Ion: 83 Resp: 36559

Ion Ratio Lower Upper

83 100

55 90.4 63.0 94.4

98 47.9 39.8 59.8



#47

Tetrachloroethene

Concen: 3.218 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012634.D

Acq: 09 Sep 2019 20:28

Tgt Ion: 164 Resp: 83089

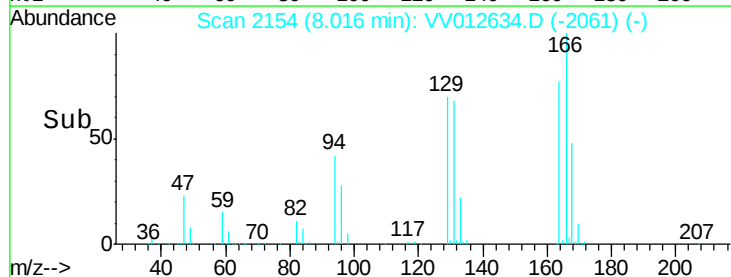
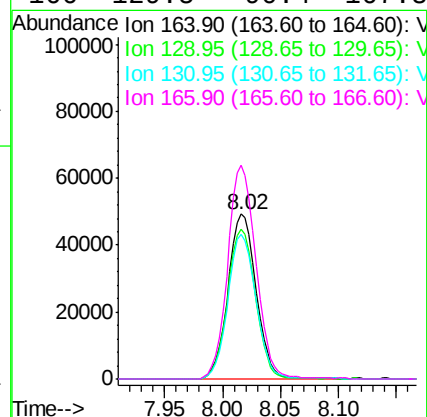
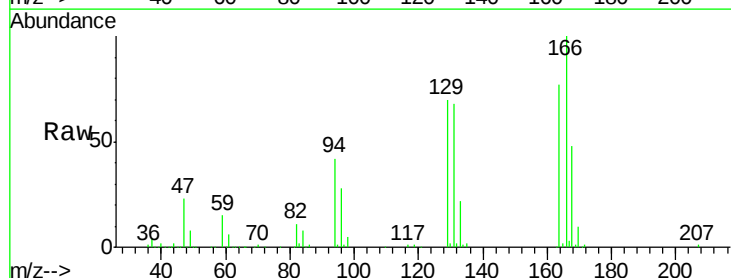
Ion Ratio Lower Upper

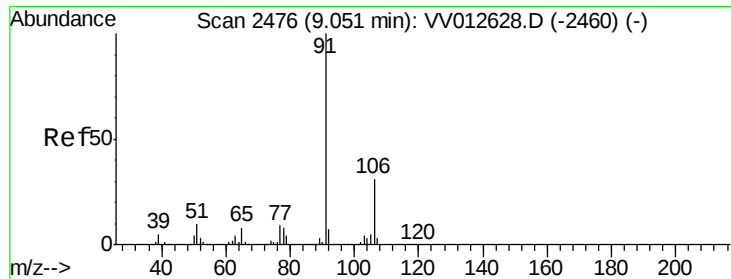
164 100

129 90.9 61.9 114.9

131 87.9 59.7 110.9

166 129.5 90.4 167.8





#52

Ethylbenzene

Concen: 0.326 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012634.D

Acq: 09 Sep 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

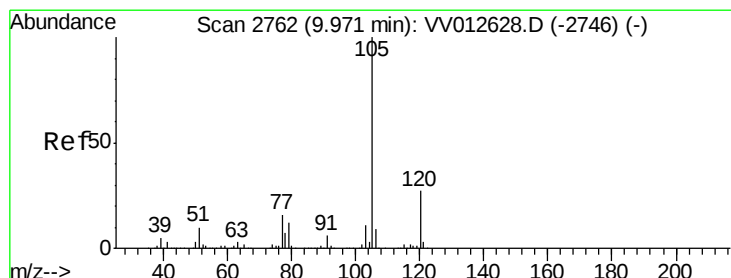
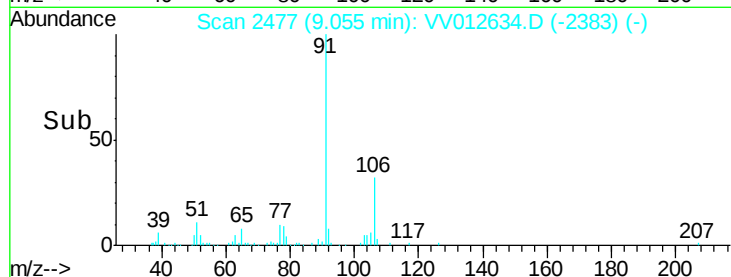
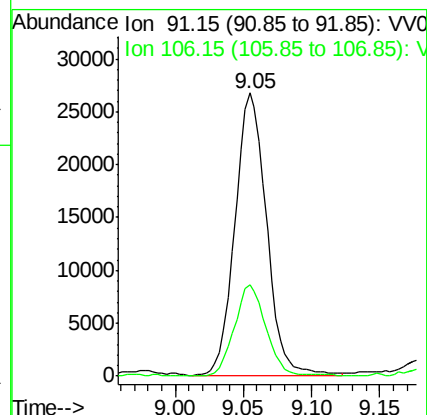
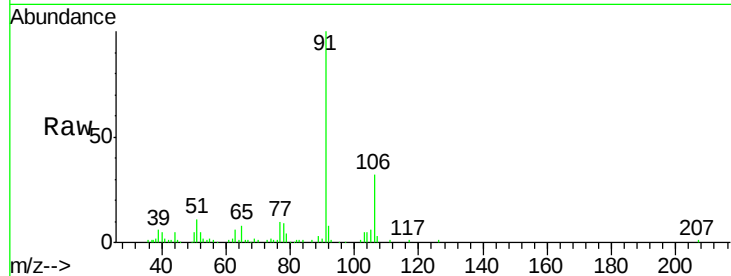
BFDA9

Tot Ion: 91 Resp: 43402

Ion Ratio Lower Upper

91 100

106 32.2 21.7 40.3



#56

Isopropylbenzene

Concen: 1.358 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV012634.D

Acq: 09 Sep 2019 20:28

Tgt Ion: 105 Resp: 173213

Ion Ratio Lower Upper

105 100

120 26.9 21.1 31.7

77 15.4 12.2 18.4

