

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030934.D
 Acq On : 09 Apr 2019 03:02
 Operator : JC/SP
 Sample : K2248-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD4

Quant Time: Apr 09 03:40:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 03:34:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	279884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99061	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.68	69	90711	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.28	63	13073090	298.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	5971.80%#
20) 2-Butanone-d5	4.23	46	396290	71.91	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.82%#
24) Chloroform-d	4.65	84	188656	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.31	65	111339	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.34	84	384405	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.33	67	131433	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.56	98	304523	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.85	79	46749	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.31	63	288002	75.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.24%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114772	6.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	121956	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	5888	0.161	ug/L	94
5) Vinyl chloride	1.40	62	65658	1.961	ug/L	83
9) Trichlorofluoromethane	1.88	101	181544	4.782	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	34456	1.632	ug/L #	33
12) 1,1-Dichloroethene	2.28	96	21651044	1060.178	ug/L #	64
13) Acetone	2.33	43	27417	6.435	ug/L	90
14) Carbon disulfide	2.48	76	31113	0.434	ug/L	97
15) Methyl Acetate	2.62	43	3049	0.277	ug/L #	68
16) Methylene chloride	2.69	84	3822	0.161	ug/L	91
18) trans-1,2-Dichloroethene	2.97	96	921623	42.746	ug/L	95
19) 1,1-Dichloroethane	3.44	63	15761622	345.604	ug/L	99
21) 2-Butanone	4.30	43	16171	2.395	ug/L #	53
25) Chloroform	4.67	83	43537	1.047	ug/L	91
27) 1,2-Dichloroethane	5.40	62	19917	0.738	ug/L #	56
30) Cyclohexane	5.01	56	22547	0.545	ug/L #	36
33) Benzene	5.39	78	418763	4.606	ug/L	100
34) Trichloroethene	6.18	95	463297	20.355	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

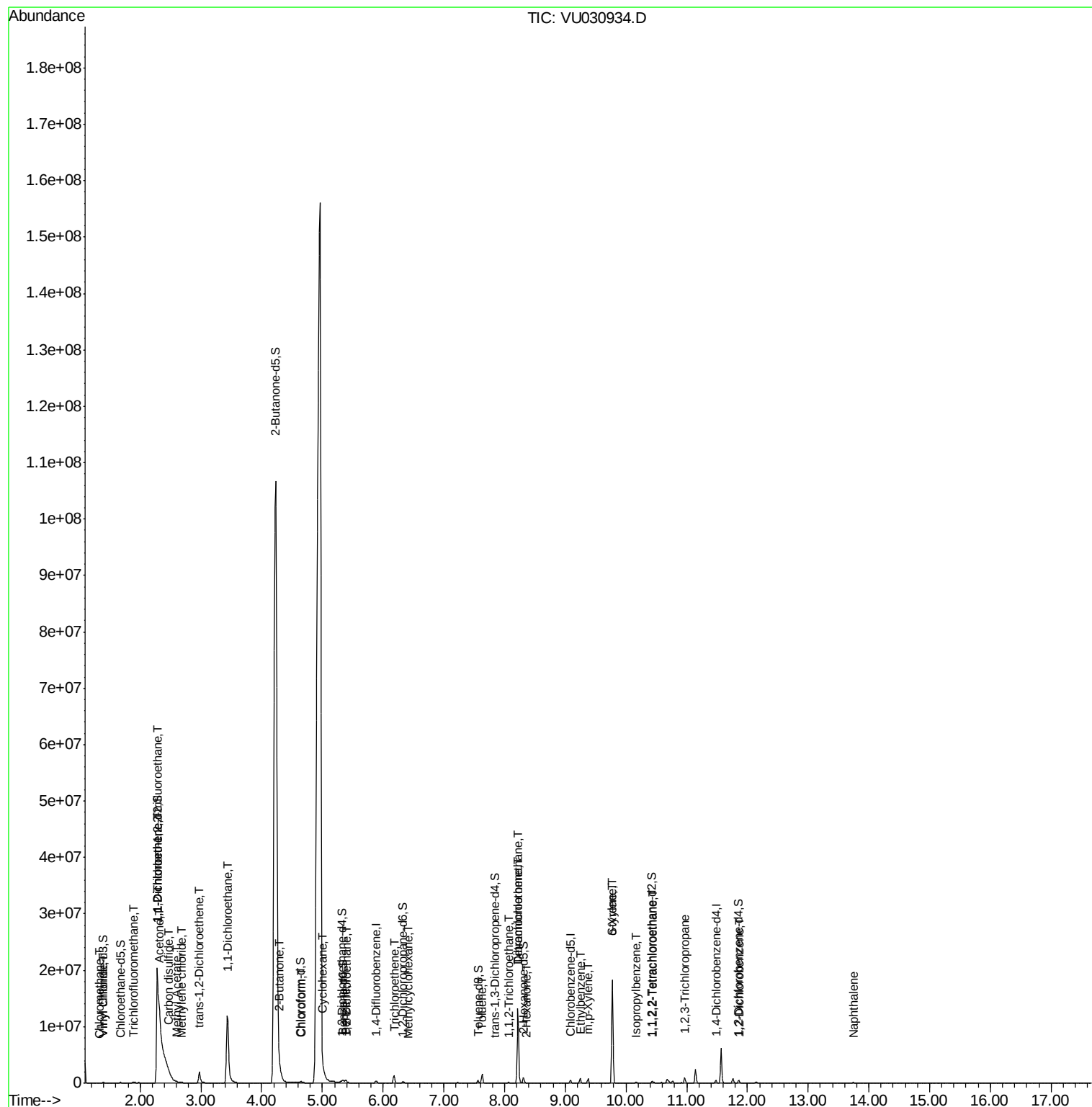
35) Methylcyclohexane	6.40	83	3384	0.093	ug/L	87
42) Toluene	7.63	91	1167840	12.807	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	55232	3.702	ug/L	96
47) Tetrachloroethene	8.22	164	2899047	181.590	ug/L	98
48) 2-Hexanone	8.37	43	12896	1.192	ug/L	96
49) Dibromochloromethane	8.22	129	2837006	159.009	ug/L #	13
52) Ethylbenzene	9.25	91	539678	5.549	ug/L	99
53) m,p-Xylene	9.38	106	192323	5.661	ug/L	99
54) o-Xylene	9.77	106	4556405	136.774	ug/L	97
55) Styrene	9.77	104	237316	4.222	ug/L #	1
56) Isopropylbenzene	10.16	105	88533	0.995	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	51223	2.582	ug/L	99
59) 1,2,3-Trichloropropane	10.96	75	5817	0.416	ug/L #	1
65) 1,2-Dichlorobenzene	11.88	146	6532	0.163	ug/L	93
69) Naphthalene	13.74	128	83693	2.191	ug/L	99

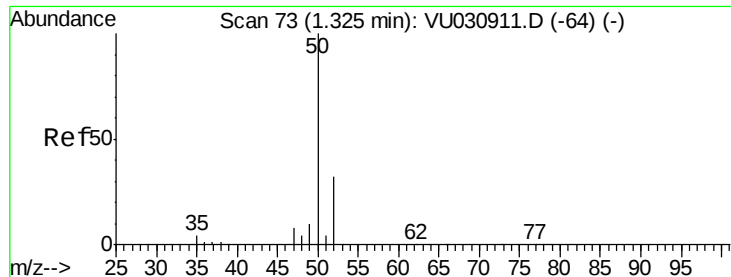
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

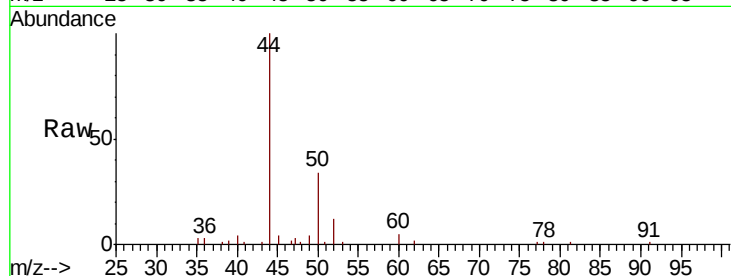
E3YD4

Tot Ion: 50 Resp: 5888

Ion Ratio Lower Upper

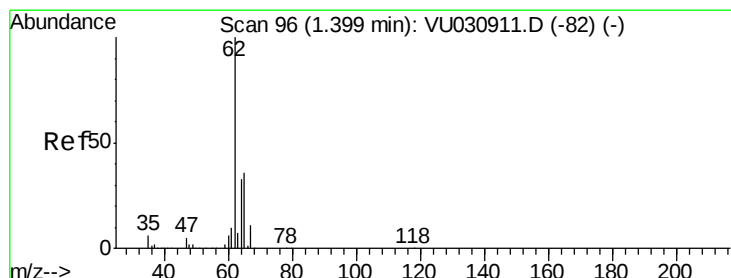
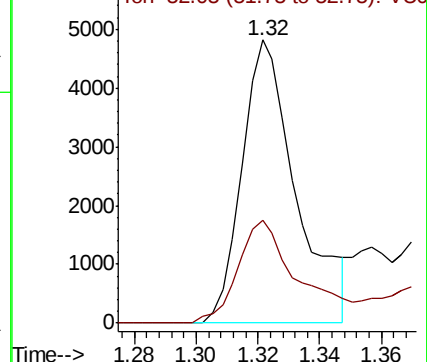
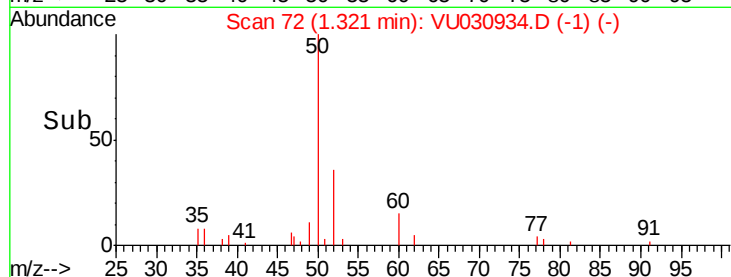
50 100

52 36.3 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU030934.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU030934.D (-1) (-)



#5

Vinyl chloride

Concen: 1.961 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.01 min

Lab File: VU030934.D

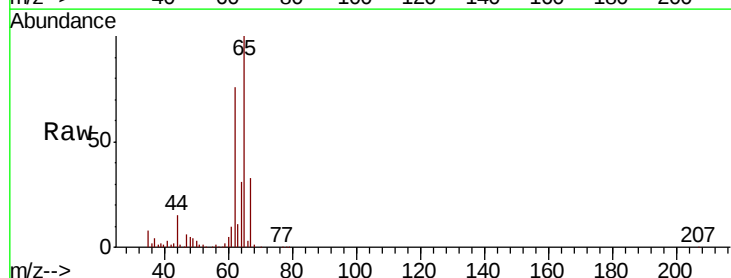
Acq: 09 Apr 2019 03:02

Tgt Ion: 62 Resp: 65658

Ion Ratio Lower Upper

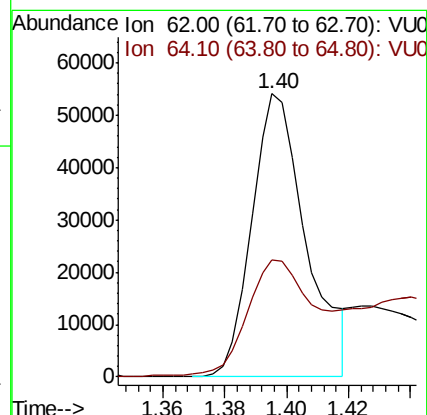
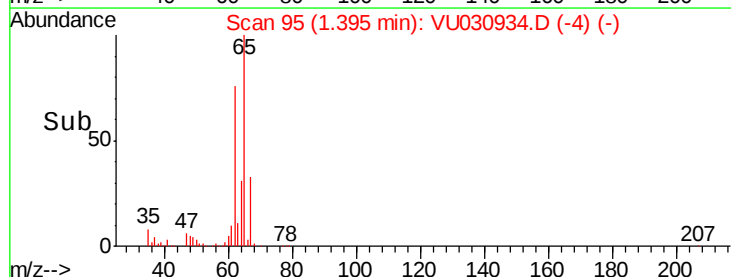
62 100

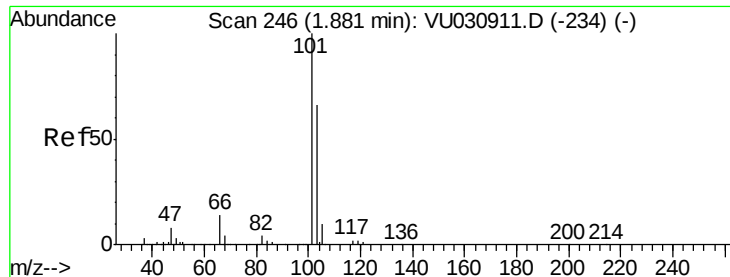
64 41.5 22.5 41.9



Abundance Ion 62.00 (61.70 to 62.70): VU030934.D (-4) (-)

Ion 64.10 (63.80 to 64.80): VU030934.D (-4) (-)





#9

Trichlorofluoromethane

Concen: 4.782 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.01 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampled :

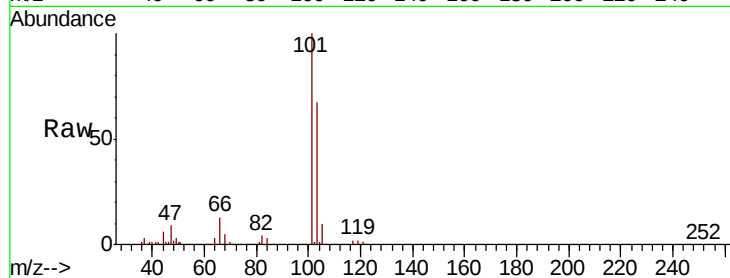
E3YD4

Tot Ion:101 Resp: 181544

Ion Ratio Lower Upper

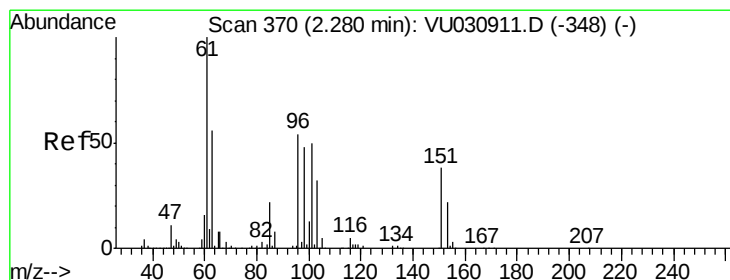
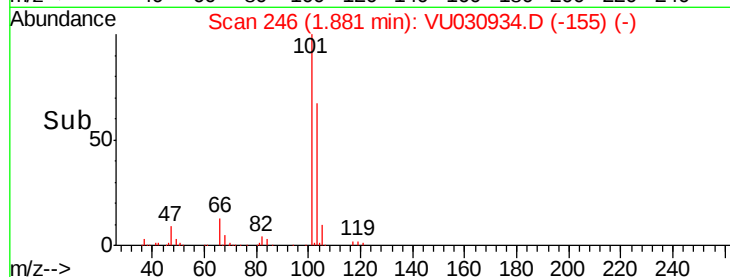
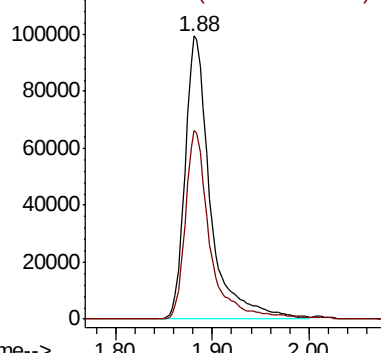
101 100

103 64.6 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 1.632 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

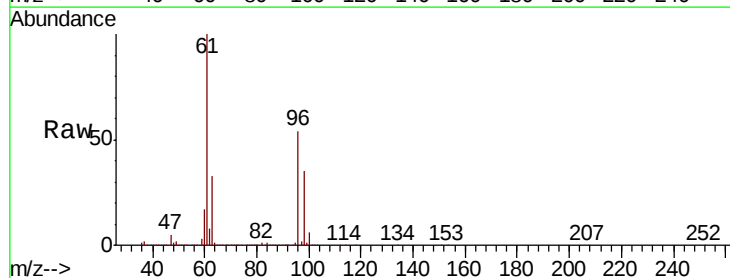
Tgt Ion:101 Resp: 34456

Ion Ratio Lower Upper

101 100

85 14.6 35.3 52.9#

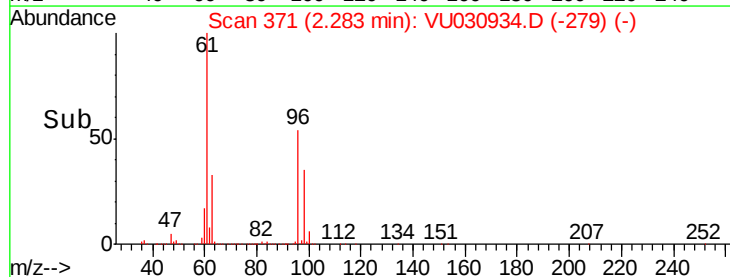
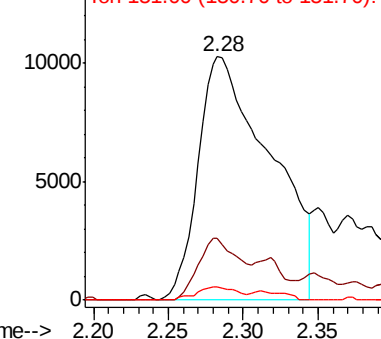
151 3.0 55.2 82.8#

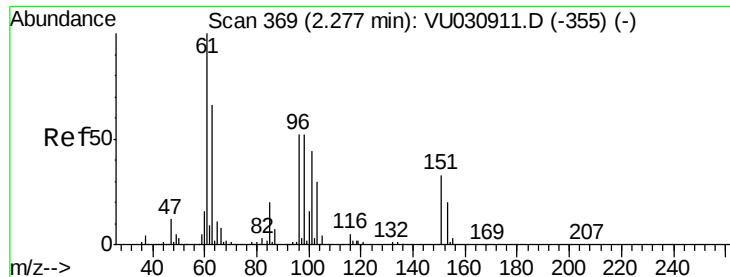


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 1060.178 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

E3YD4

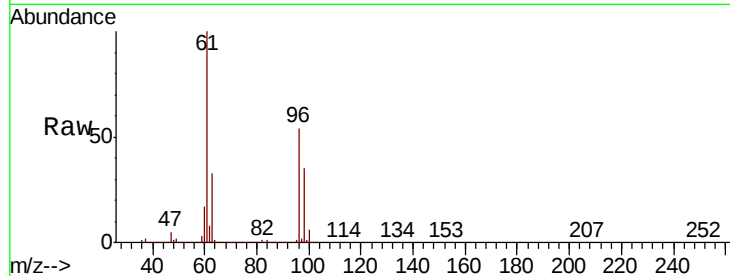
Tot Ion: 96 Resp: 21651044

Ion Ratio Lower Upper

96 100

61 184.1 136.9 254.3

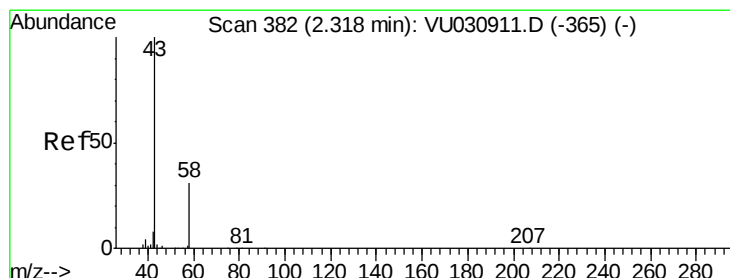
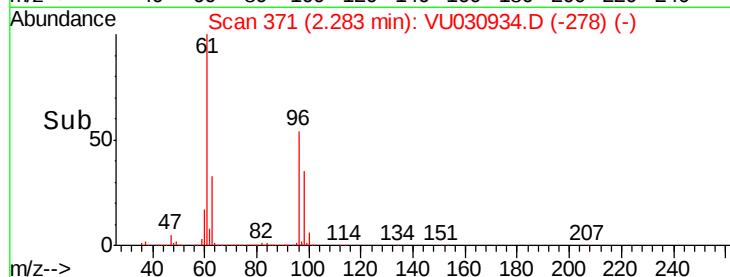
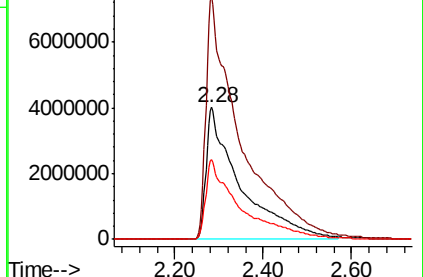
63 60.7 107.7 200.1#



Abundance Ion 96.00 (95.70 to 96.70): VU030934.D (-371) (-)

Ion 61.05 (60.75 to 61.75): VU030934.D (-371) (-)

Ion 63.00 (62.70 to 63.70): VU030934.D (-371) (-)



#13

Acetone

Concen: 6.435 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.03 min

Lab File: VU030934.D

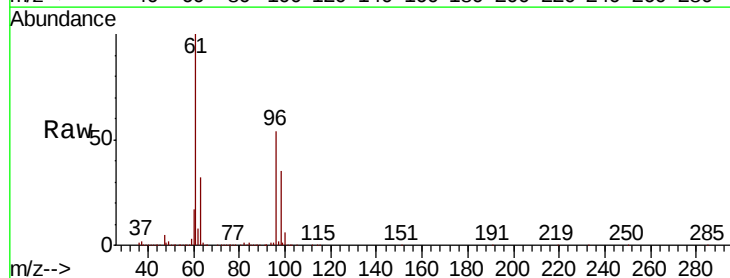
Acq: 09 Apr 2019 03:02

Tgt Ion: 43 Resp: 27417

Ion Ratio Lower Upper

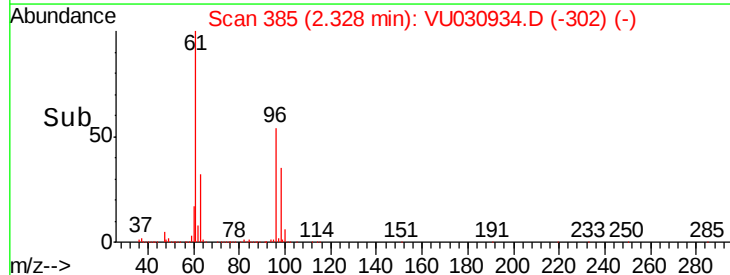
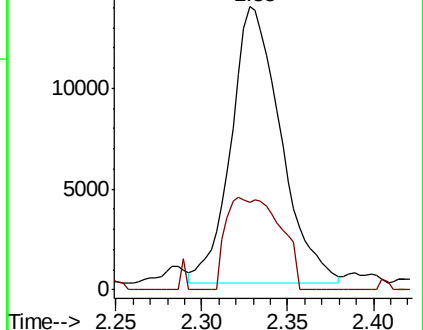
43 100

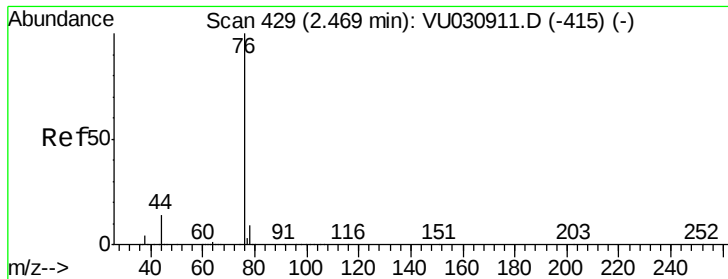
58 36.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030934.D (-385) (-)

Ion 58.05 (57.75 to 58.75): VU030934.D (-385) (-)





#14

Carbon disulfide

Concen: 0.434 ug/L

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

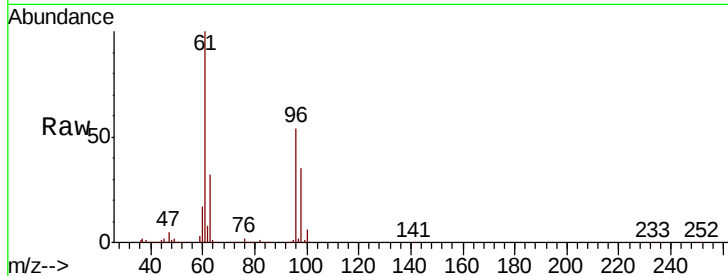
E3YD4

Tot Ion: 76 Resp: 31113

Ion Ratio Lower Upper

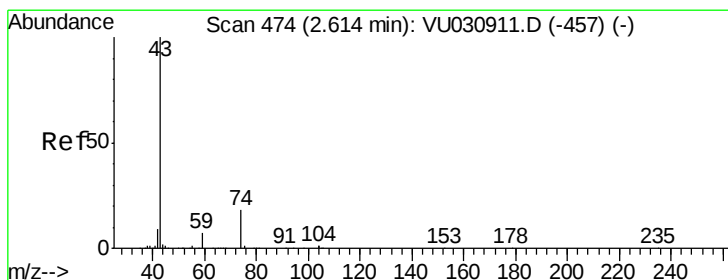
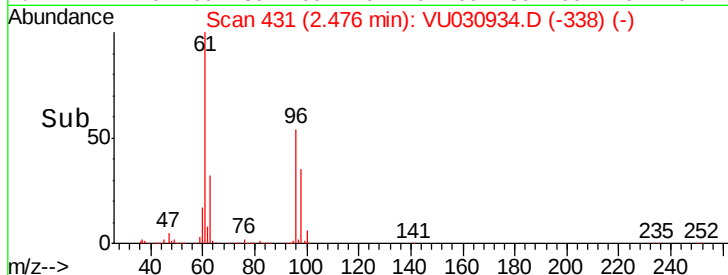
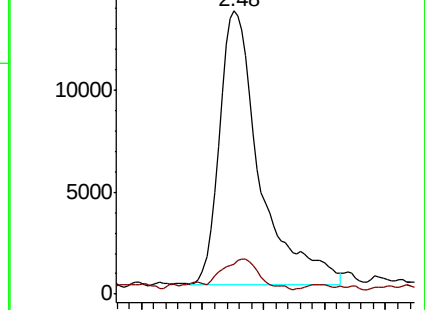
76 100

78 10.7 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU030911.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU030911.D (-415) (-)



#15

Methyl Acetate

Concen: 0.277 ug/L

RT: 2.62 min Scan# 476

Delta R.T. -0.01 min

Lab File: VU030934.D

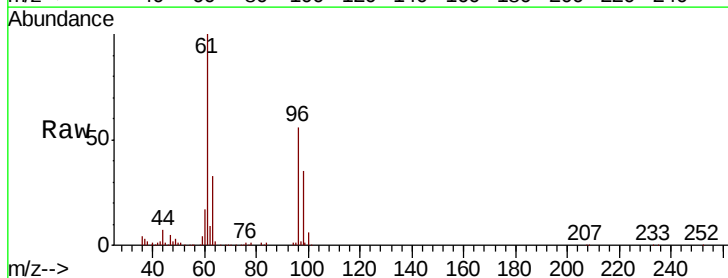
Acq: 09 Apr 2019 03:02

Tgt Ion: 43 Resp: 3049

Ion Ratio Lower Upper

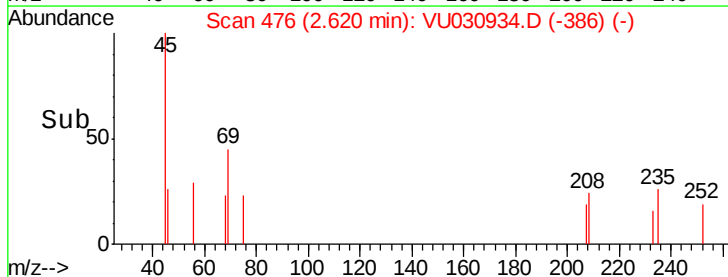
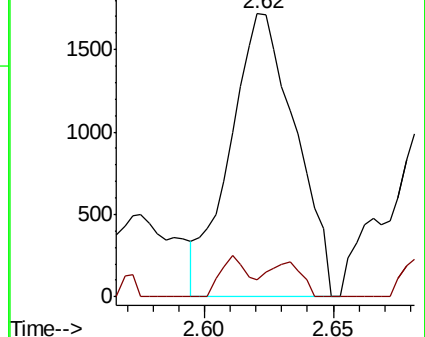
43 100

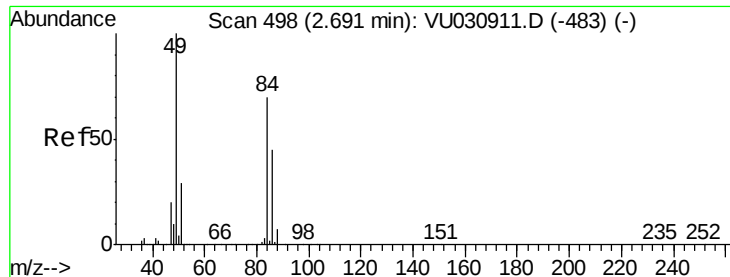
74 6.1 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU030911.D (-457) (-)

Ion 74.05 (73.75 to 74.75): VU030911.D (-457) (-)

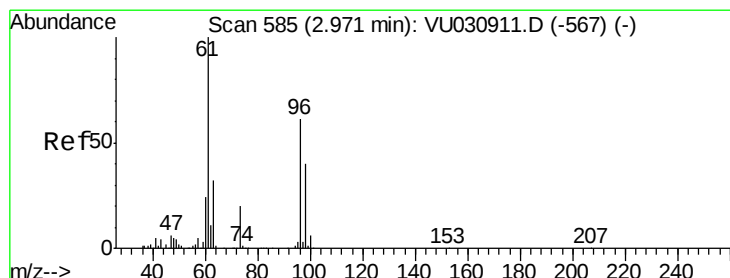
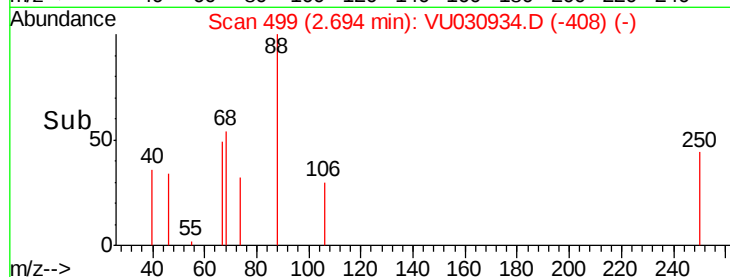
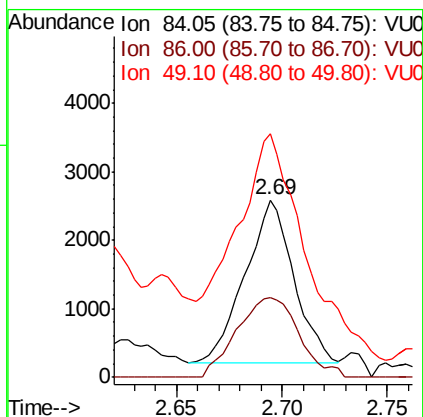
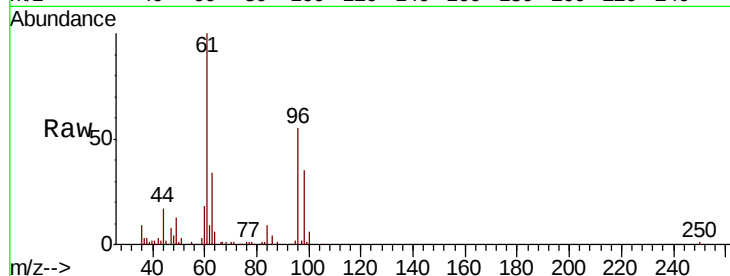




#16
Methylene chloride
Concen: 0.161 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.01 min
Lab File: VU030934.D
Acq: 09 Apr 2019 03:02

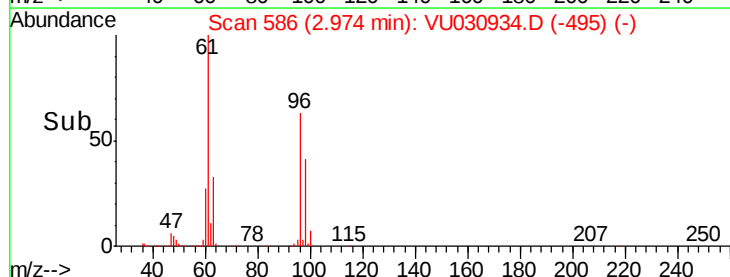
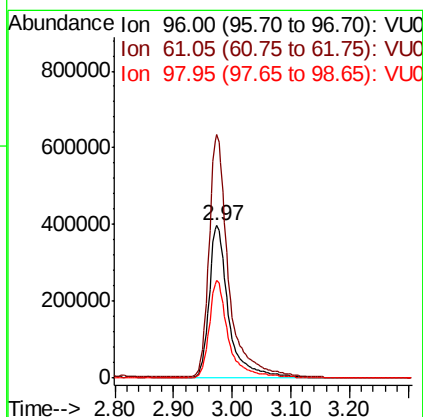
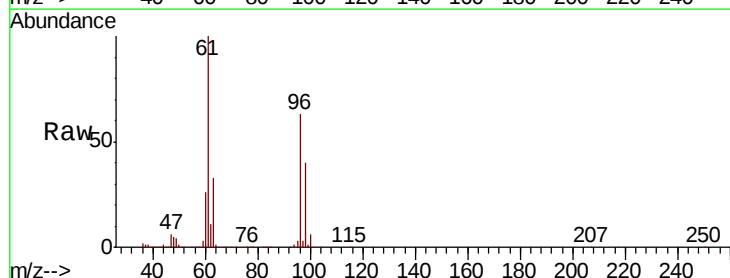
Instrument :
MSVOA_U
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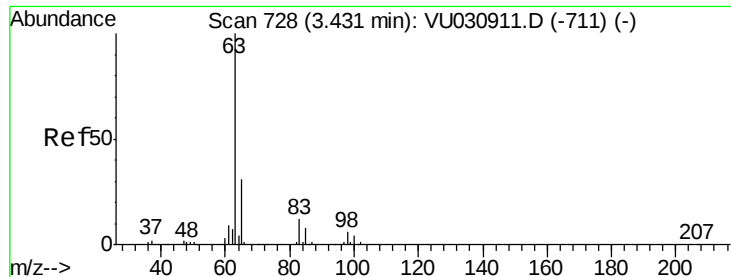
Tot Ion: 84 Resp: 3822
Ion Ratio Lower Upper
84 100
86 45.1 43.4 80.6
49 137.1 98.5 182.9



#18
trans-1,2-Dichloroethene
Concen: 42.746 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.01 min
Lab File: VU030934.D
Acq: 09 Apr 2019 03:02

Tgt Ion: 96 Resp: 921623
Ion Ratio Lower Upper
96 100
61 159.7 116.8 216.8
98 64.3 46.8 87.0



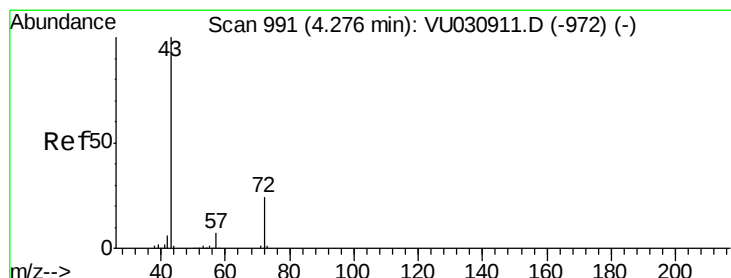
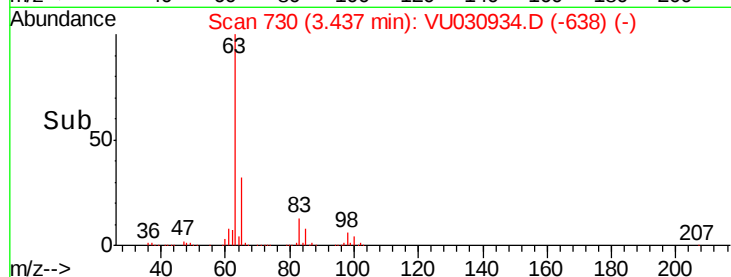
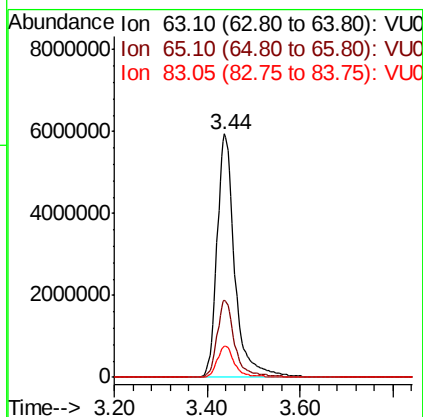
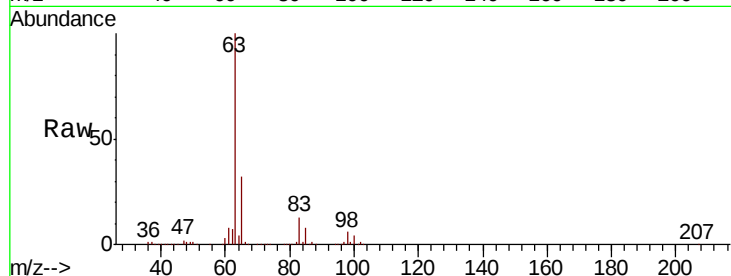


#19
 1,1-Dichloroethane
 Concen: 345.604 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU030934.D
 Acq: 09 Apr 2019 03:02

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD4

Tot Ion: 63 Resp:15761622

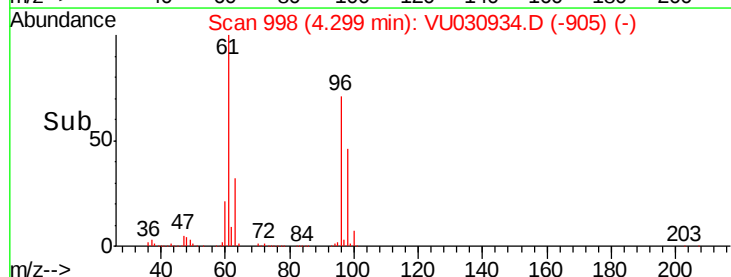
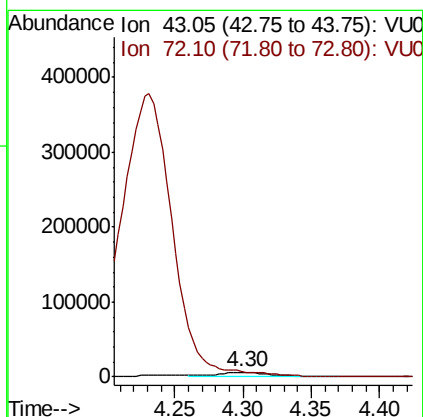
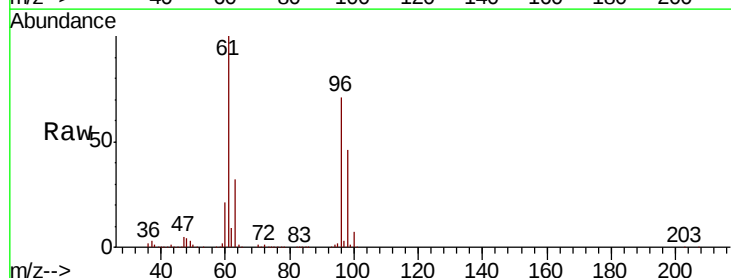
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.6	40.0
83	12.8	9.1	16.9

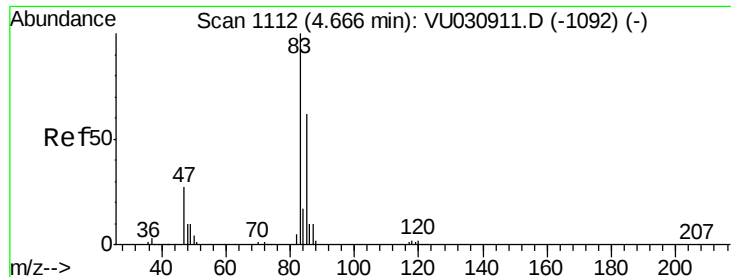


#21
 2-Butanone
 Concen: 2.395 ug/L
 RT: 4.30 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: VU030934.D
 Acq: 09 Apr 2019 03:02

Tgt Ion: 43 Resp: 16171

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.2	33.5#

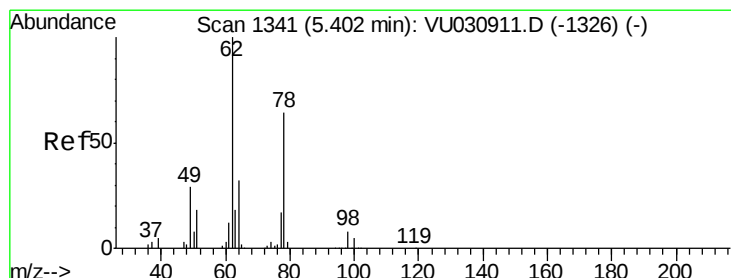
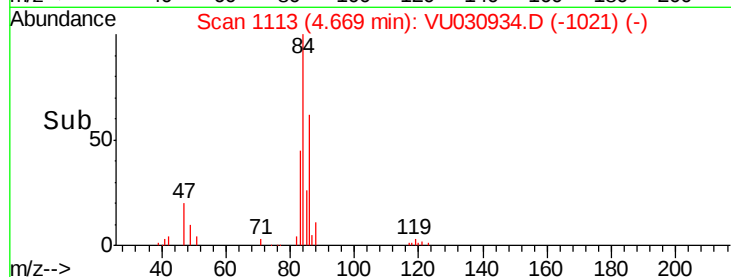
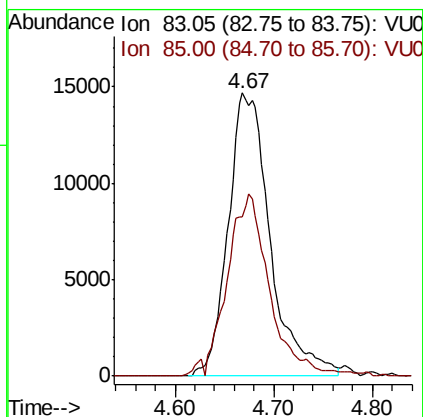
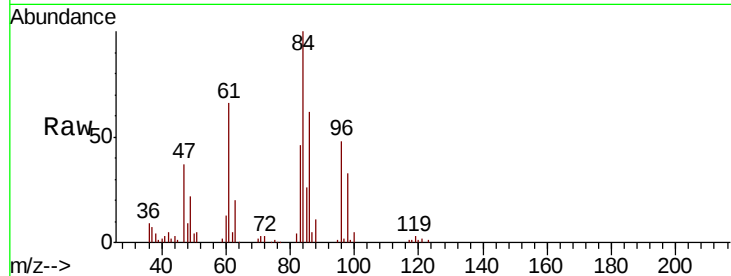




#25
Chloroform
Concen: 1.047 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030934.D
Acq: 09 Apr 2019 03:02

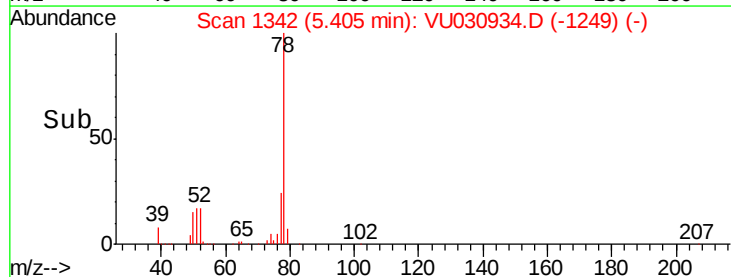
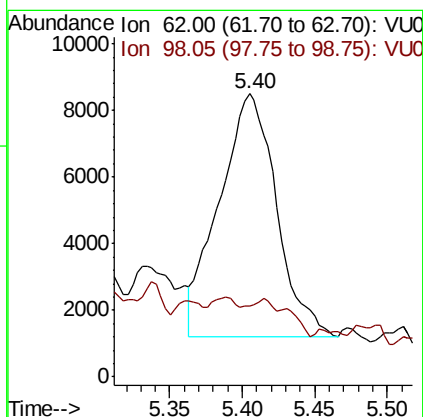
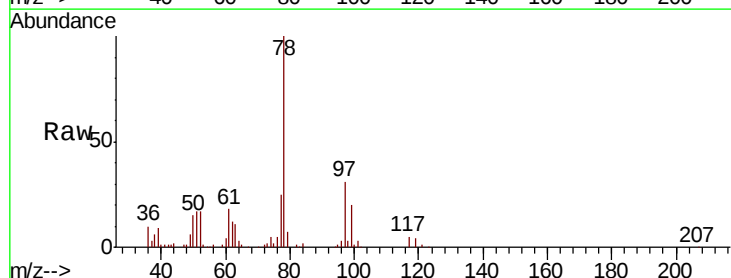
Instrument :
MSVOA_U
ClientSampleId :
E3YD4

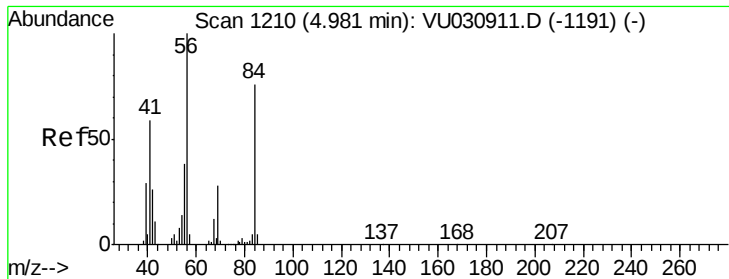
Tot Ion: 83 Resp: 43537
Ion Ratio Lower Upper
83 100
85 56.2 44.2 82.2



#27
1,2-Dichloroethane
Concen: 0.738 ug/L
RT: 5.40 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VU030934.D
Acq: 09 Apr 2019 03:02

Tgt Ion: 62 Resp: 19917
Ion Ratio Lower Upper
62 100
98 25.3 7.4 11.2#

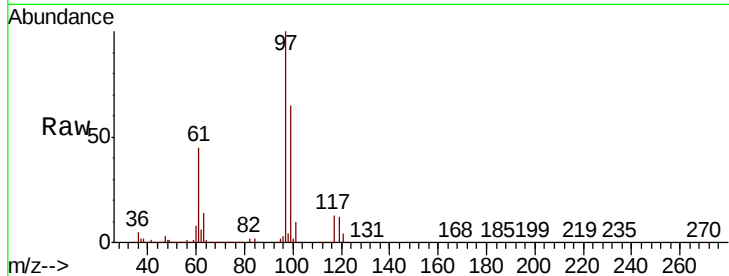




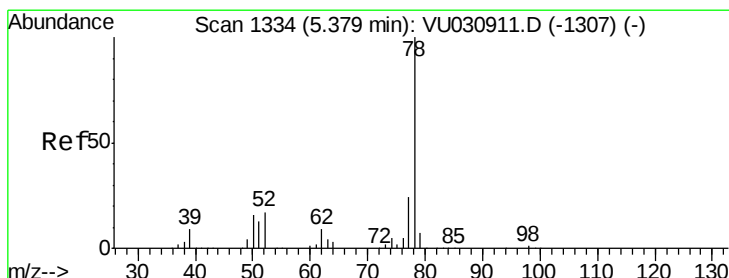
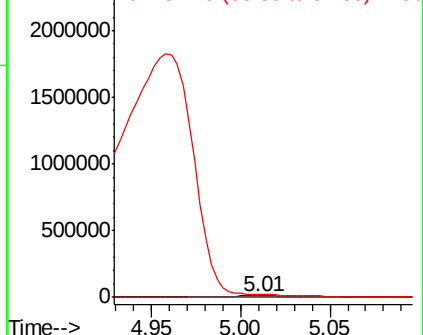
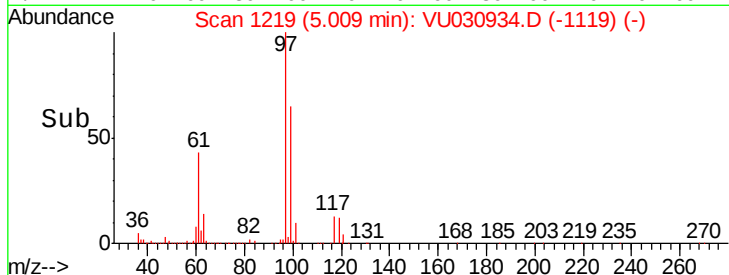
#30
Cyclohexane
Concen: 0.545 ug/L
RT: 5.01 min Scan# 1219
Delta R.T. 0.02 min
Lab File: VU030934.D
Acq: 09 Apr 2019 03:02

Instrument :
MSVOA_U
ClientSampled :
E3YD4

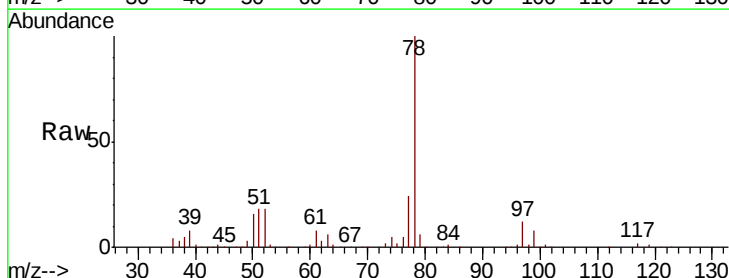
Tot Ion: 56 Resp: 22547
Ion Ratio Lower Upper
56 100
69 26.5 22.3 33.5
84 0.0 58.3 87.5#



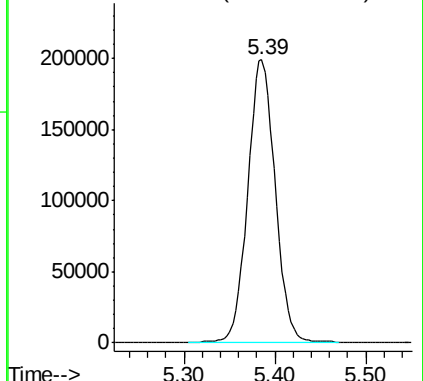
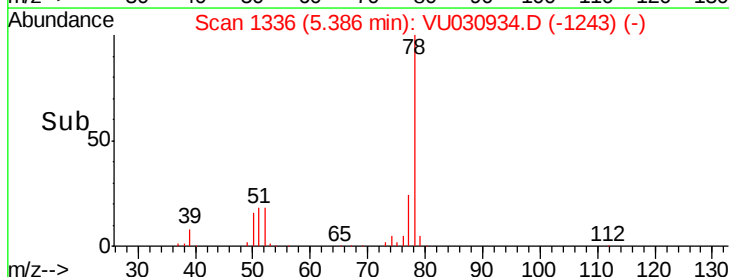
Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

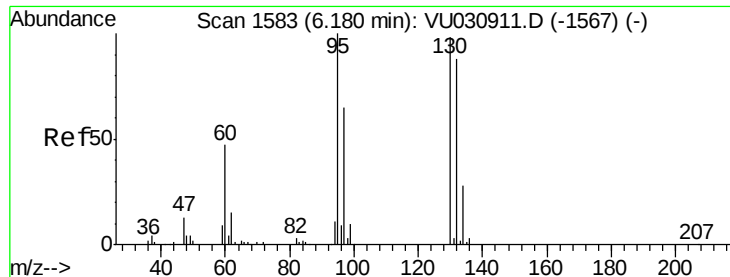


#33
Benzene
Concen: 4.606 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU030934.D
Acq: 09 Apr 2019 03:02
Tgt Ion: 78 Resp: 418763



Abundance Ion 78.10 (77.80 to 78.80): VU0

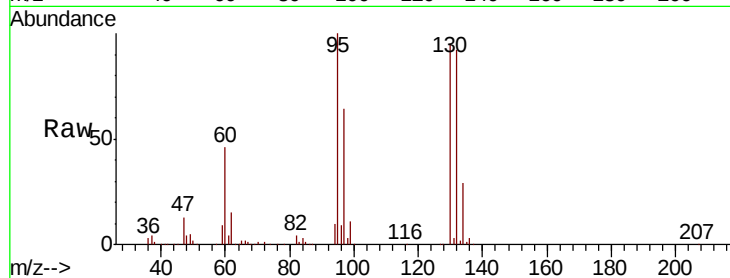




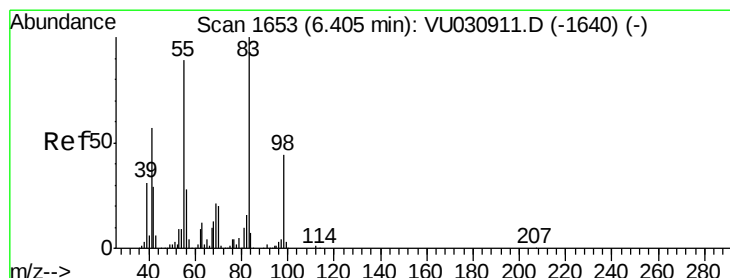
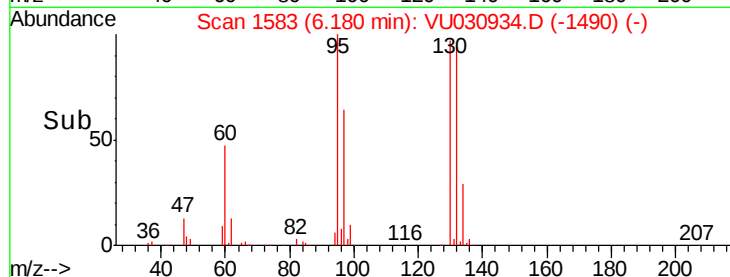
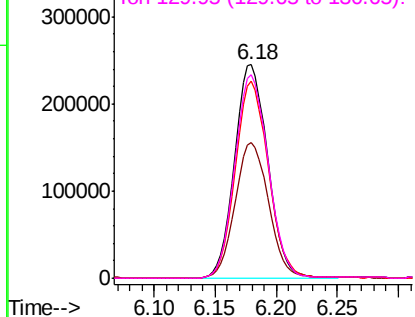
#34
 Trichloroethene
 Concen: 20.355 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030934.D
 Acq: 09 Apr 2019 03:02

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD4

Tot Ion:	95	Resp:	463297
Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.5	80.9
132	92.2	60.7	112.7
130	95.5	65.1	120.9

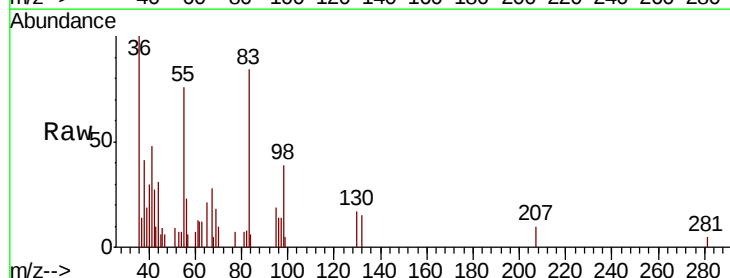


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

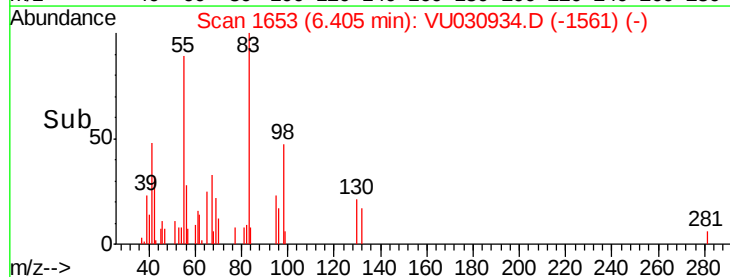
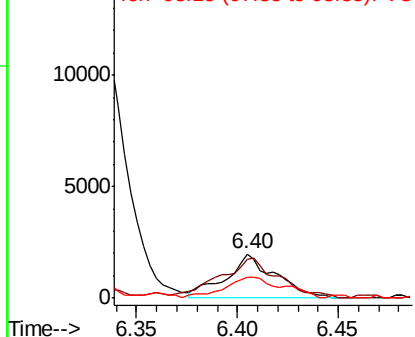


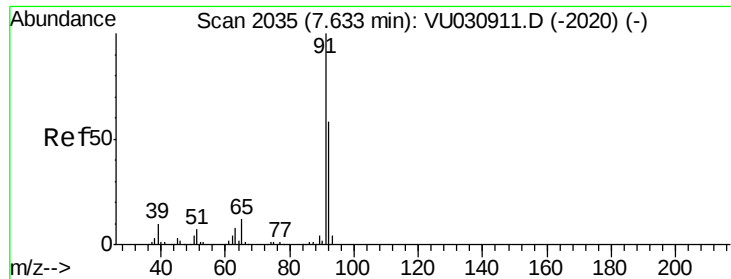
#35
 Methylcyclohexane
 Concen: 0.093 ug/L
 RT: 6.40 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: VU030934.D
 Acq: 09 Apr 2019 03:02

Tgt Ion:	83	Resp:	3384
Ion	Ratio	Lower	Upper
83	100		
55	107.9	72.6	108.8
98	44.8	35.0	52.6



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





#42

Toluene

Concen: 12.807 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

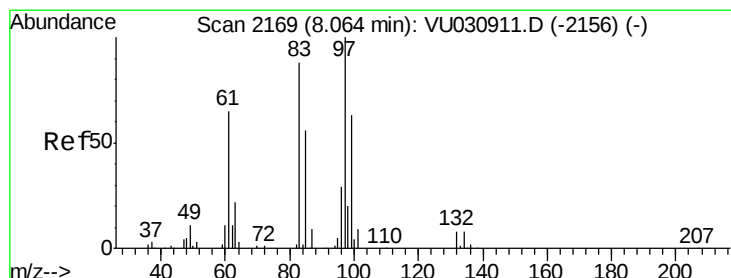
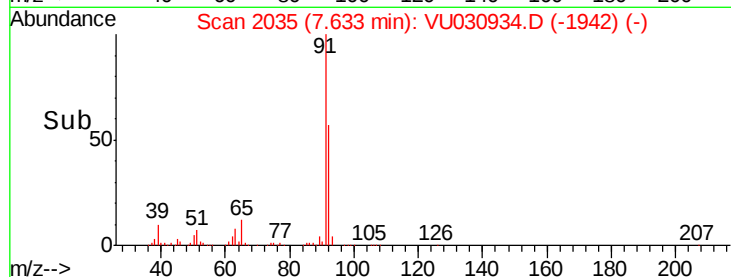
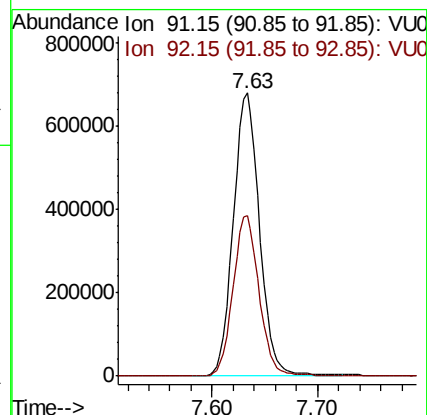
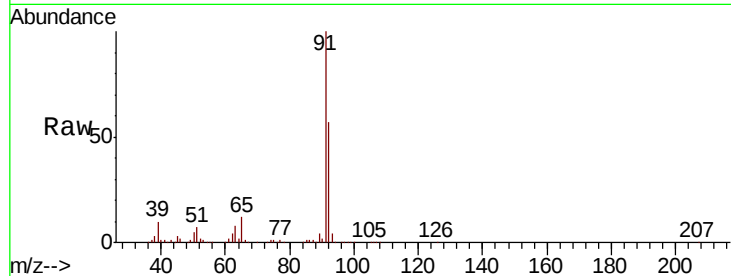
Instrument :
MSVOA_U
ClientSampleId :
E3YD4

Tot Ion: 91 Resp: 1167840

Ion Ratio Lower Upper

91 100

92 56.5 39.9 74.1



#45

1,1,2-Trichloroethane

Concen: 3.702 ug/L

RT: 8.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Tgt Ion: 97 Resp: 55232

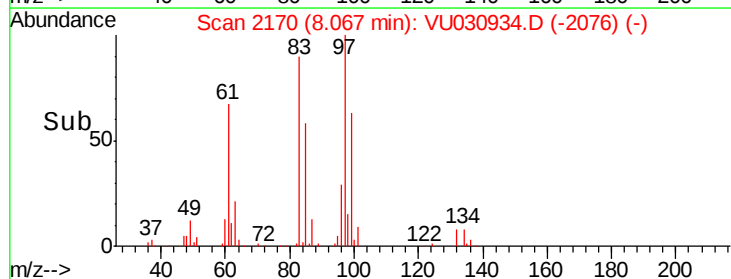
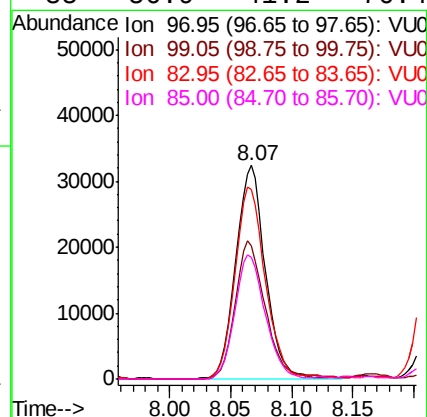
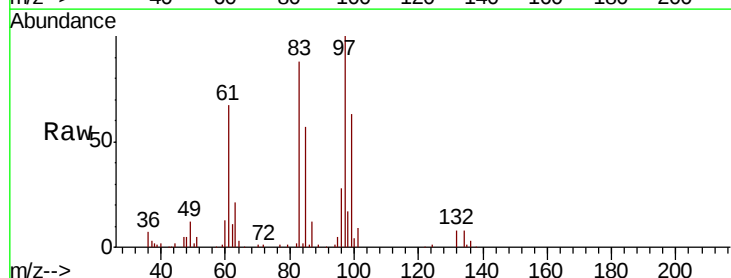
Ion Ratio Lower Upper

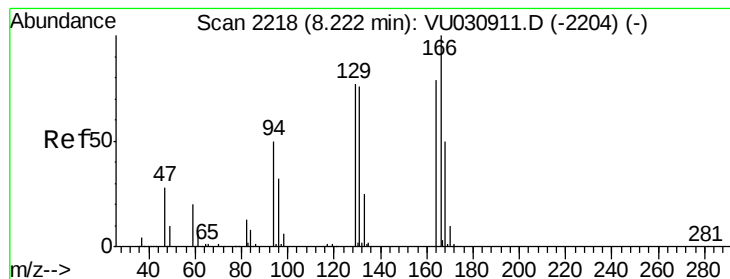
97 100

99 62.6 45.3 84.1

83 88.5 66.5 123.5

85 56.9 41.2 76.4





#47

Tetrachloroethene

Concen: 181.590 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

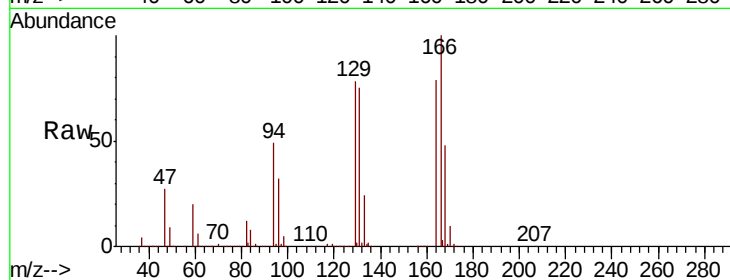
Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :
MSVOA_U
ClientSampleId :
E3YD4

Tot Ion:164 Resp: 2899047

Ion	Ratio	Lower	Upper
164	100		
129	98.1	70.1	130.1
131	94.0	67.8	125.8
166	126.0	87.9	163.3



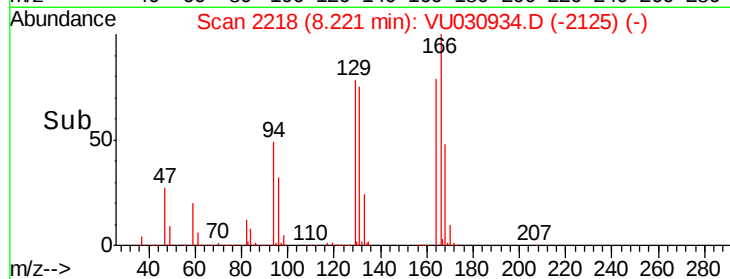
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time-->

8.10 8.20 8.30 8.40

Abundance

Ion 163.90 (163.60 to 164.60): V

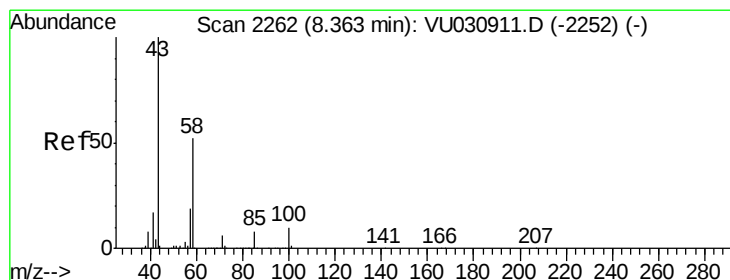
Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->

8.10 8.20 8.30 8.40



#48

2-Hexanone

Concen: 1.192 ug/L

RT: 8.37 min Scan# 2265

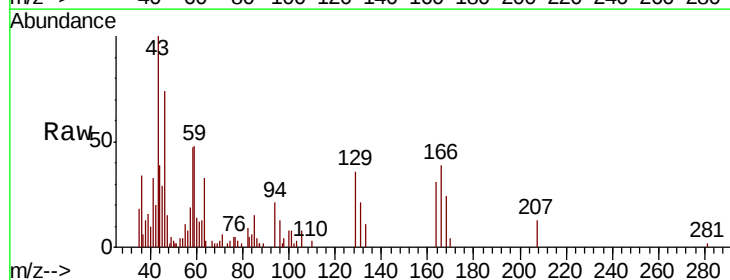
Delta R.T. 0.01 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Tgt Ion: 43 Resp: 12896

Ion	Ratio	Lower	Upper
43	100		
58	50.7	42.5	63.7
57	20.1	13.9	20.9
100	8.1	7.1	10.7



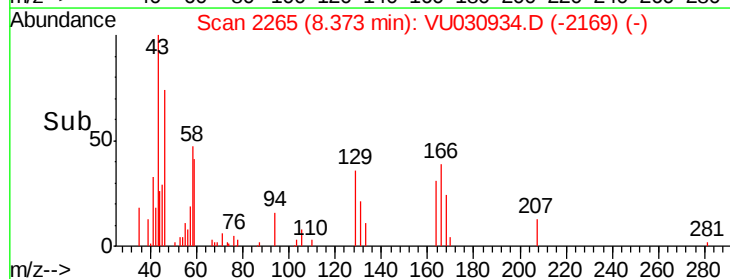
Abundance

Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



Time-->

8.35 8.40 8.45

Abundance

Ion 43.05 (42.75 to 43.75): VU0

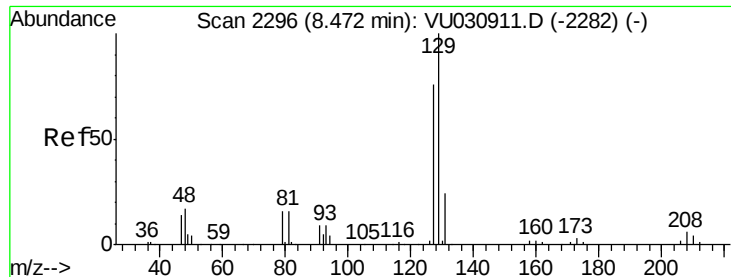
Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

Time-->

8.35 8.40 8.45



#49

Dibromochloromethane

Concen: 159.009 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampled :

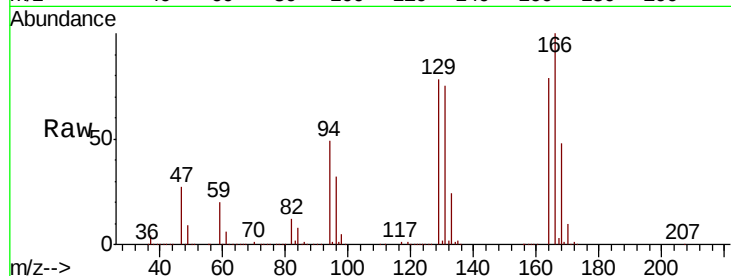
E3YD4

Tot Ion:129 Resp: 2837006

Ion Ratio Lower Upper

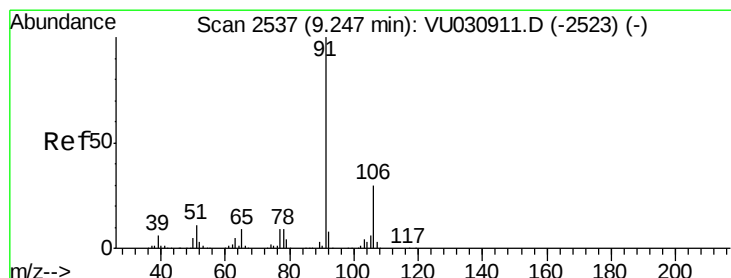
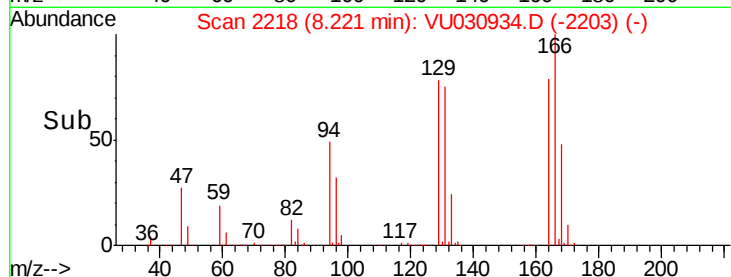
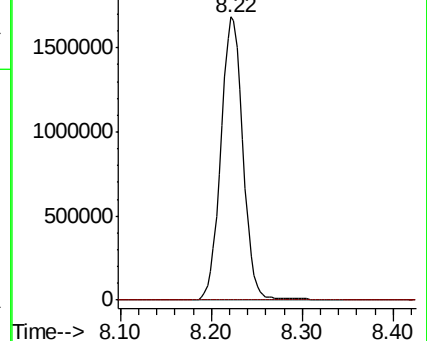
129 100

127 0.0 51.1 94.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

Ethylbenzene

Concen: 5.549 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030934.D

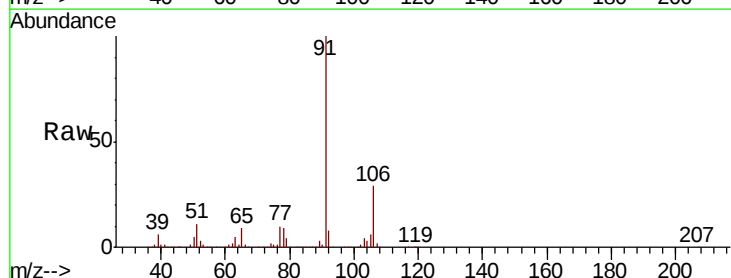
Acq: 09 Apr 2019 03:02

Tgt Ion: 91 Resp: 539678

Ion Ratio Lower Upper

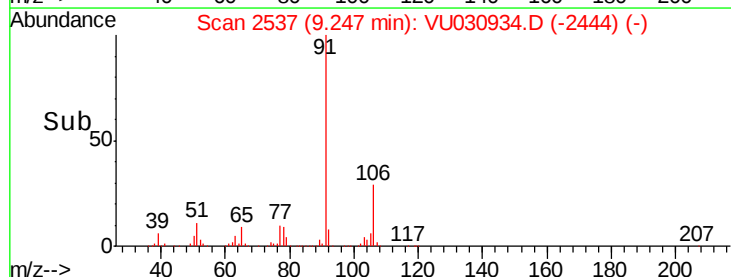
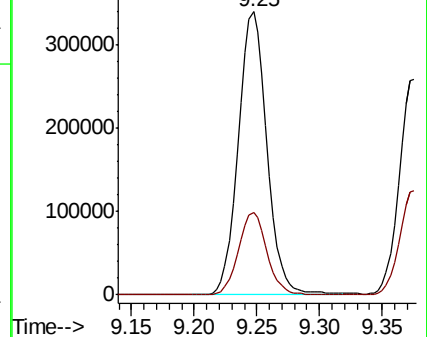
91 100

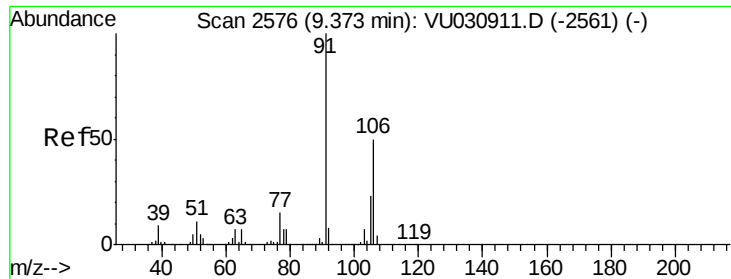
106 29.1 20.2 37.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 5.661 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

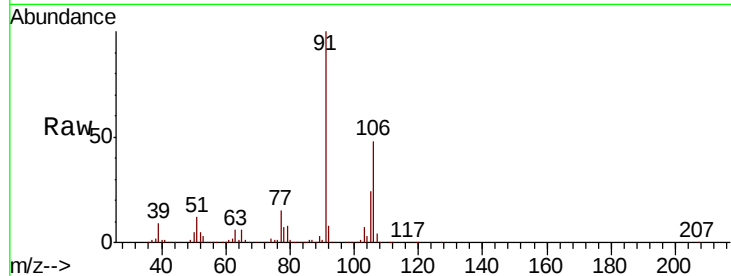
E3YD4

Tot Ion:106 Resp: 192323

Ion Ratio Lower Upper

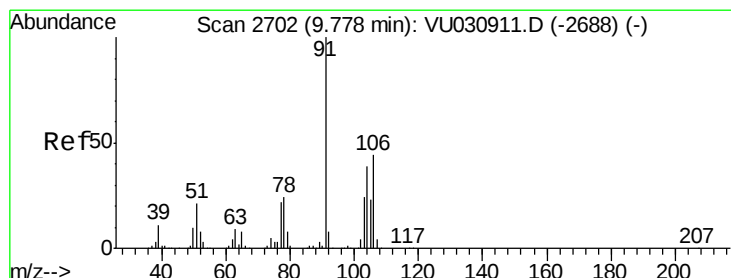
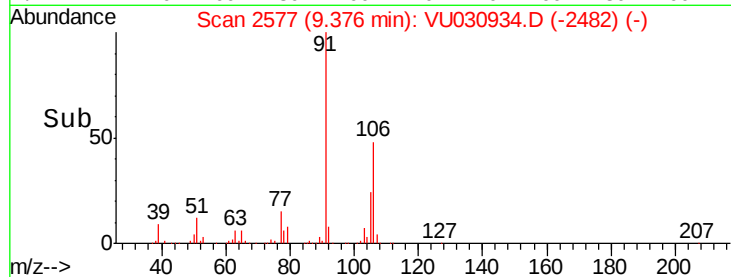
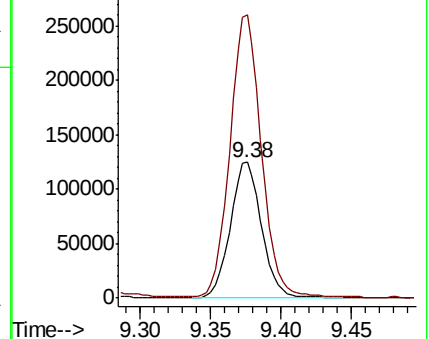
106 100

91 208.4 147.4 273.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 136.774 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU030934.D

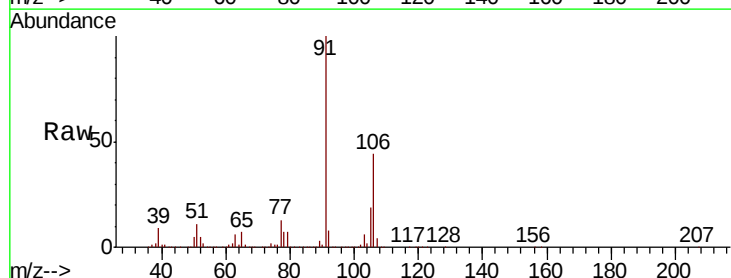
Acq: 09 Apr 2019 03:02

Tgt Ion:106 Resp: 4556405

Ion Ratio Lower Upper

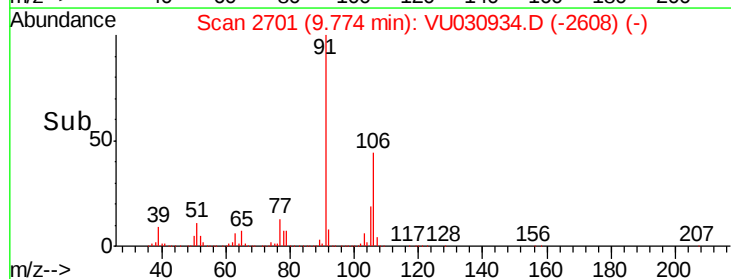
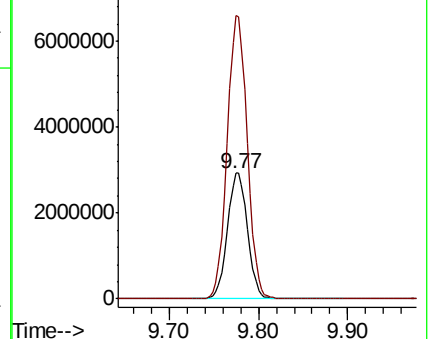
106 100

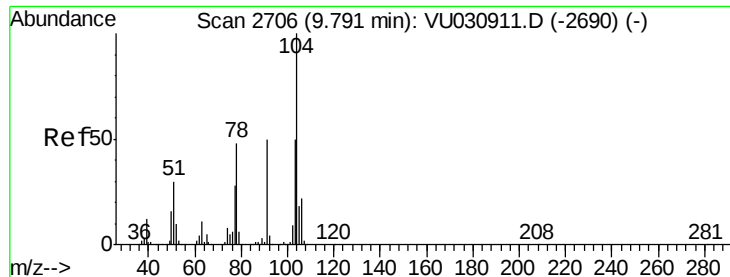
91 225.0 161.3 299.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 4.222 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.01 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

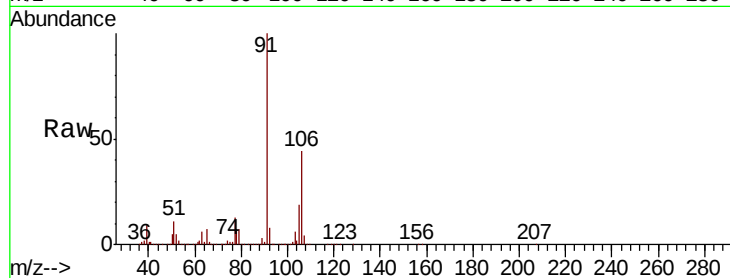
E3YD4

Tot Ion:104 Resp: 237316

Ion Ratio Lower Upper

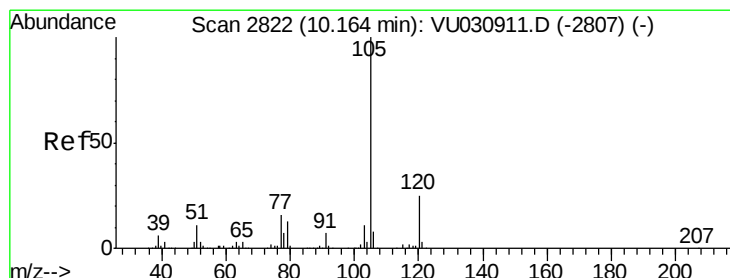
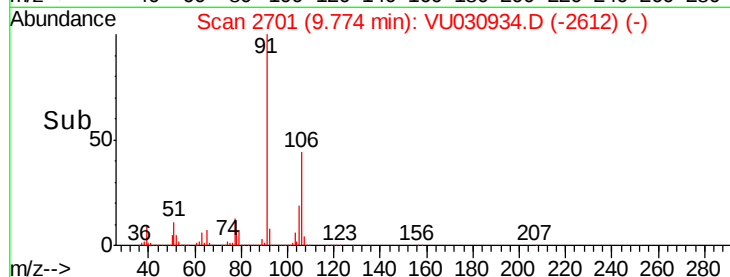
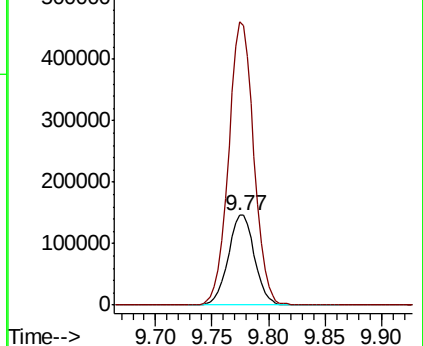
104 100

78 314.3 34.4 63.8#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 0.995 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

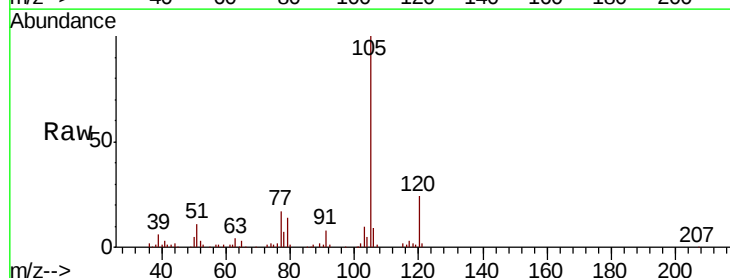
Tgt Ion:105 Resp: 88533

Ion Ratio Lower Upper

105 100

120 24.5 20.5 30.7

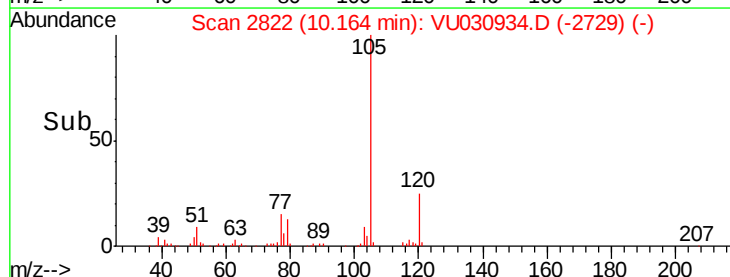
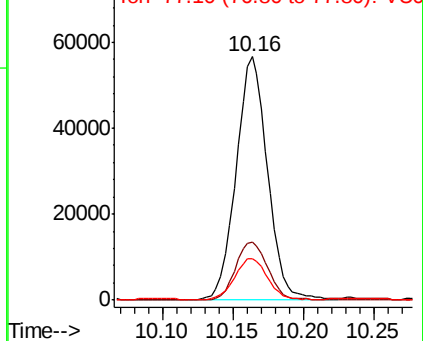
77 18.2 13.8 20.8

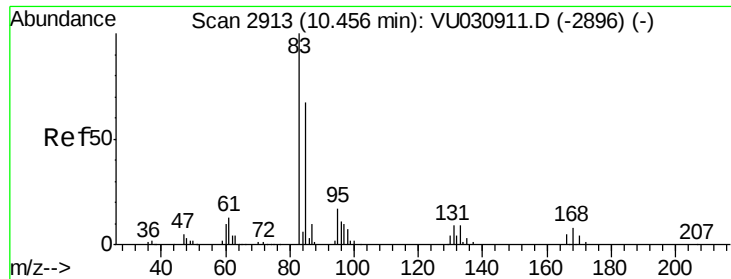


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

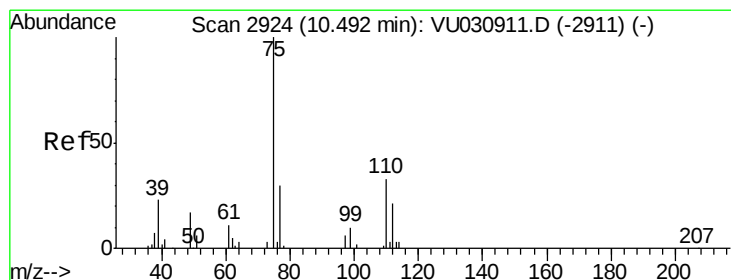
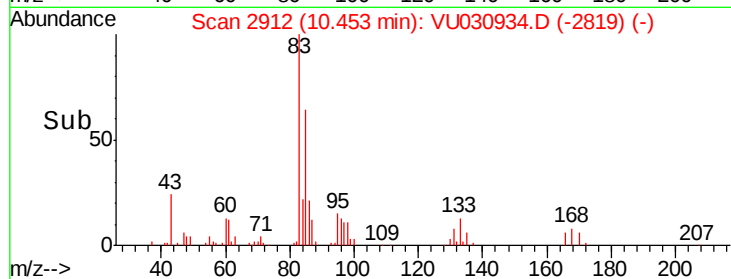
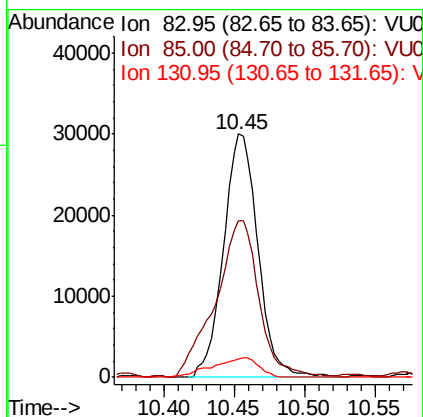
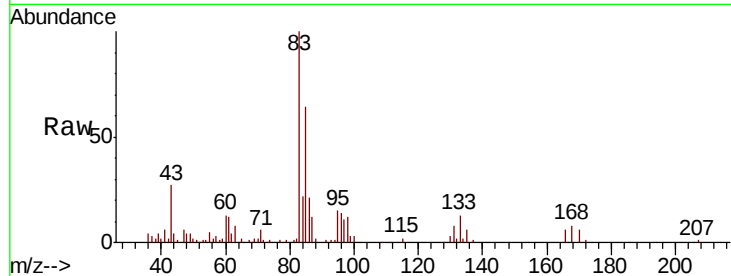




#58
 1,1,2,2-Tetrachloroethane
 Concen: 2.582 ug/L
 RT: 10.45 min Scan# 2912
 Delta R.T. -0.00 min
 Lab File: VU030934.D
 Acq: 09 Apr 2019 03:02

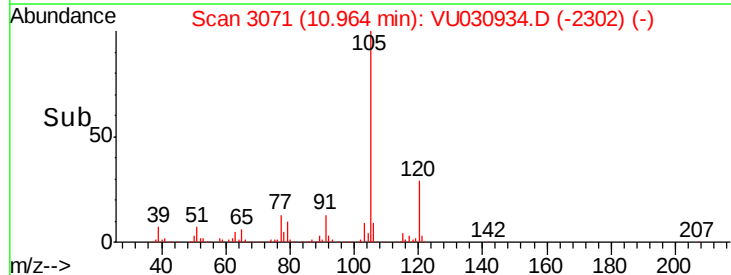
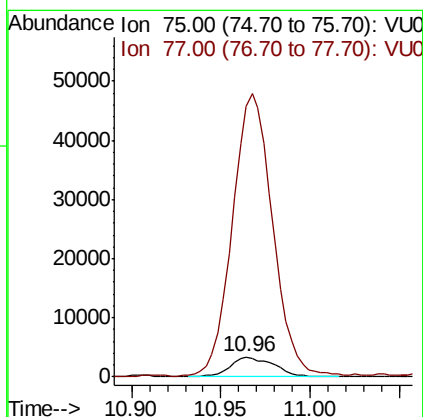
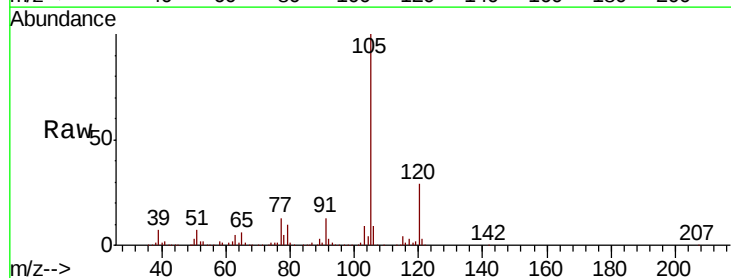
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD4

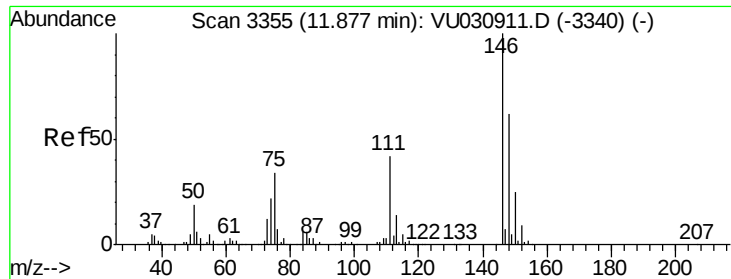
Tot Ion: 83 Resp: 51223
 Ion Ratio Lower Upper
 83 100
 85 64.2 44.4 82.5
 131 7.6 7.4 11.2



#59
 1,2,3-Trichloropropane
 Concen: 0.416 ug/L
 RT: 10.96 min Scan# 3071
 Delta R.T. 0.47 min
 Lab File: VU030934.D
 Acq: 09 Apr 2019 03:02

Tgt Ion: 75 Resp: 5817
 Ion Ratio Lower Upper
 75 100
 77 1283.9 25.6 38.4#





#65

1,2-Dichlorobenzene

Concen: 0.163 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

Instrument :

MSVOA_U

ClientSampleId :

E3YD4

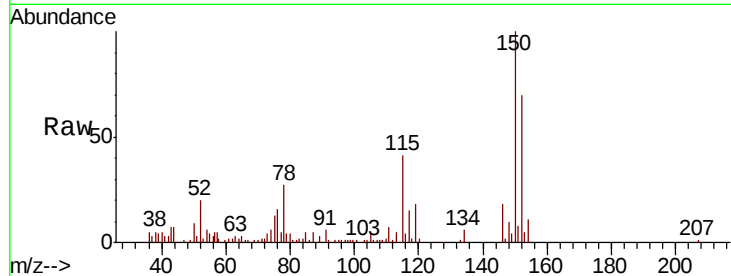
Tot Ion:146 Resp: 6532

Ion Ratio Lower Upper

146 100

111 42.1 37.1 55.7

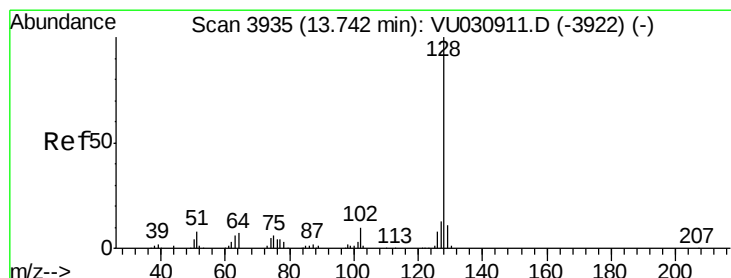
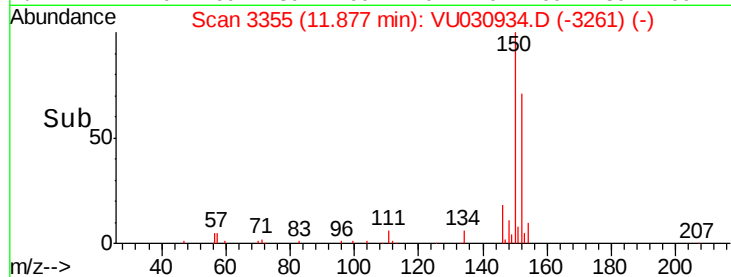
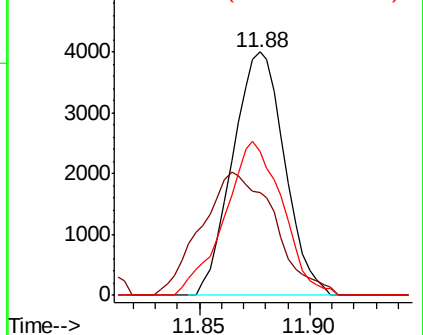
148 58.9 51.8 77.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#69

Naphthalene

Concen: 2.191 ug/L

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU030934.D

Acq: 09 Apr 2019 03:02

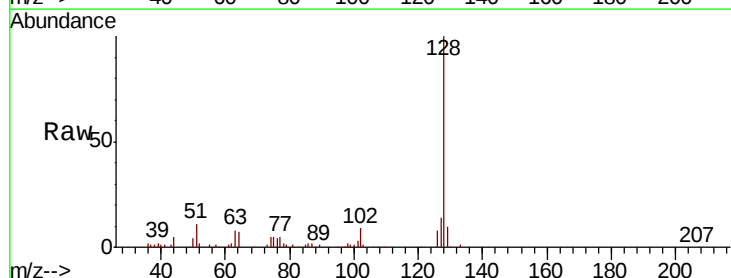
Tgt Ion:128 Resp: 83693

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

127 13.8 10.5 15.7



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

