

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
 Data File : VU031205.D
 Acq On : 16 Apr 2019 09:54
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 17 03:00:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	36768	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	17025	1.27	ug/l	0.00
Spiked Amount 1.000			Recovery	=	127.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	14338	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	158686	9.979 ug/l	97
3) Chloromethane	1.32	50	166138	9.902 ug/l	99
4) Vinyl Chloride	1.40	62	161836	9.873 ug/l	99
5) Bromomethane	1.63	94	99707	10.383 ug/l	97
6) Chloroethane	1.70	64	110022	9.720 ug/l	100
7) Trichlorofluoromethane	1.89	101	236656	9.901 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	124673	10.477 ug/l	99
9) 1,1-Dichloroethene	2.28	96	118720	9.987 ug/l	99
10) Iodomethane	2.41	142	183928	11.457 ug/l	100
11) Allyl Chloride	2.59	41	253333	10.858 ug/l	97
12) Acrylonitrile	2.94	53	67997	19.553 ug/l	98
13) Acetone	2.32	43	151740	53.238 ug/l	100
14) Carbon Disulfide	2.48	76	462928	10.544 ug/l	100
15) Methylene Chloride	2.70	84	139045	9.073 ug/l	100
16) trans-1,2-Dichloroethene	2.98	96	132289	10.084 ug/l	96
17) 1,1-Dichloroethane	3.44	63	219091	10.544 ug/l	99
18) 2-Butanone	4.27	43	187314	57.958 ug/l	99
19) Cyclohexane	4.99	56	166766	11.407 ug/l	100
20) Methylcyclohexane	6.41	83	180979	12.207 ug/l	97
21) 2,2-Dichloropropane	4.22	77	184874	11.479 ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	125676	10.987 ug/l	100
23) Diethyl Ether	2.10	59	114334	10.312 ug/l	99
24) tert-Butyl Alcohol	2.84	59	110382	93.472 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	346728	10.004 ug/l	99
26) Bromochloromethane	4.54	128	55271	10.599 ug/l	100
27) Chloroform	4.67	83	213583	10.388 ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	182481	10.442 ug/l	99
29) 1,1-Dichloropropene	5.13	75	163676	11.169 ug/l	100
30) Carbon Tetrachloride	5.13	117	161602	10.467 ug/l	99
31) Isopropyl Ether	3.57	45	330803	10.857 ug/l	95
32) Ethyl-t-butyl ether	4.06	59	292529	11.321 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	259846	11.488 ug/l	99
34) Propionitrile	4.33	54	51601	57.783 ug/l	# 85
35) Benzene	5.38	78	469210	10.758 ug/l	99
36) 1,2-Dichloroethane	5.40	62	141494	10.194 ug/l	99
37) Trichloroethene	6.18	130	124210	10.156 ug/l	99
38) 1,2-Dichloropropane	6.43	63	124423	10.713 ug/l	99
39) Methacrylonitrile	4.54	41	46476	11.555 ug/l	96
40) Methyl acrylate	4.42	55	67006	10.652 ug/l	98
41) Tetrahydrofuran	4.64	42	45896	22.344 ug/l	97
42) 1-Chlorobutane	5.06	56	234907	11.254 ug/l	99

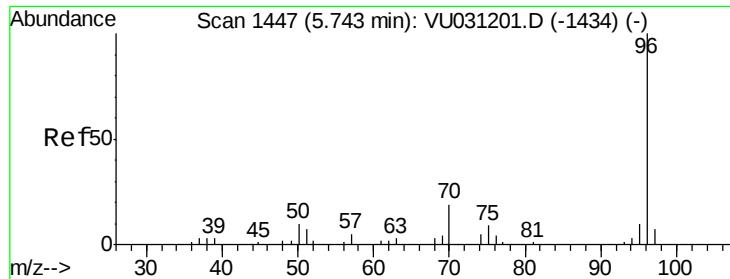
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
 Data File : VU031205.D
 Acq On : 16 Apr 2019 09:54
 Operator : JC/SP
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Quant Time: Apr 17 03:00:43 2019
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	66040	10.568	ug/l	98
44) Bromodichloromethane	6.75	83	155766	10.344	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	429276	58.235	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	70707	25.165	ug/l	90
47) Methyl methacrylate	6.62	69	125310	23.762	ug/l	98
48) Ethyl methacrylate	8.02	69	118709	10.347	ug/l	97
49) Toluene	7.63	92	278709	11.643	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	150146	11.693	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	174291	11.480	ug/l	98
52) 1,1,2-Trichloroethane	8.06	97	90389	10.720	ug/l	97
53) 1,3-Dichloropropane	8.24	76	153858	10.749	ug/l	99
54) 2-Hexanone	8.36	43	303852	61.078	ug/l	99
55) Dibromochloromethane	8.47	129	106495	10.655	ug/l	99
56) 1,2-Dibromoethane	8.58	107	80352	10.254	ug/l	99
58) Tetrachloroethene	8.22	164	114823	11.042	ug/l	98
59) Chlorobenzene	9.12	112	295606	11.119	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.20	131	106416	10.680	ug/l	98
61) Pentachloroethane	11.10	117	79280	10.225	ug/l	94
62) Hexachloroethane	12.14	117	81171	10.831	ug/l	99
63) Ethyl Benzene	9.25	91	515759	12.159	ug/l	100
64) m/p-Xylenes	9.37	106	399374	24.728	ug/l	99
65) o-Xylene	9.77	106	184406	11.929	ug/l	99
66) Styrene	9.79	104	326925	10.486	ug/l	99
67) Bromoform	9.95	173	63954	11.090	ug/l	100
69) Isopropylbenzene	10.16	105	499822	12.062	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	108919	9.959	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	70707	8.942	ug/l #	91
72) Bromobenzene	10.45	156	122928	11.211	ug/l	99
73) n-propylbenzene	10.58	120	137787	12.451	ug/l	99
74) 2-Chlorotoluene	10.66	126	119823	11.742	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	428730	12.223	ug/l	99
76) 4-Chlorotoluene	10.77	126	124253	12.086	ug/l	100
77) tert-Butylbenzene	11.10	119	405546	11.818	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	443038	12.531	ug/l	100
79) sec-Butylbenzene	11.32	105	554178	12.003	ug/l	100
80) Nitrobenzene	12.86	77	20788	49.702	ug/l #	94
81) p-Isopropyltoluene	11.47	119	457967	12.349	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	238752	11.024	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	234402	11.175	ug/l	98
84) n-Butylbenzene	11.89	91	454773	12.690	ug/l	99
85) 1,2-Dichlorobenzene	11.87	146	220741	10.870	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	17306	10.995	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	155555	12.533	ug/l	100
88) Hexachlorobutadiene	13.69	225	88539	10.679	ug/l	100
89) Naphthalene	13.74	128	273742	9.918	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	150437	12.106	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 96 Resp: 36768

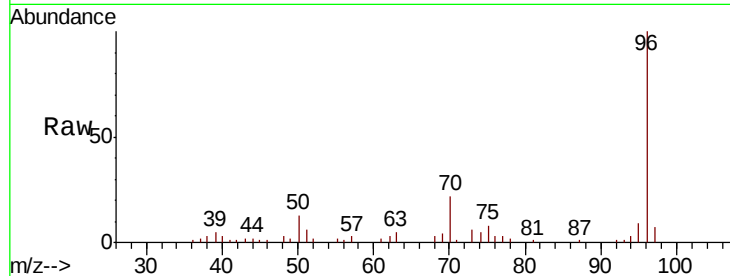
Ion Ratio Lower Upper

96 100

70 20.6 18.4 27.6

95 9.5 7.6 11.4

97 0.0 0.0 0.0

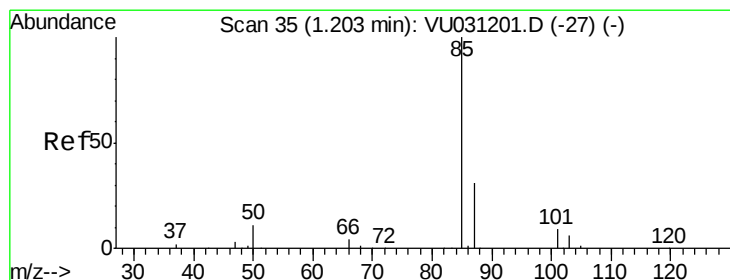
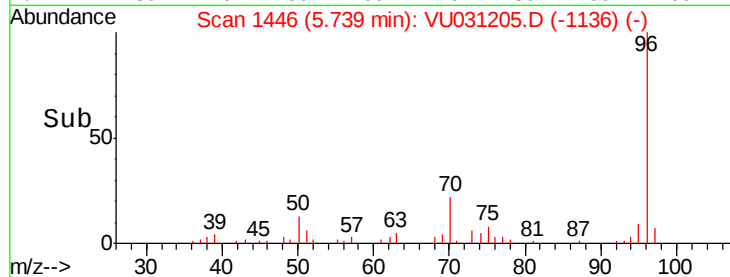
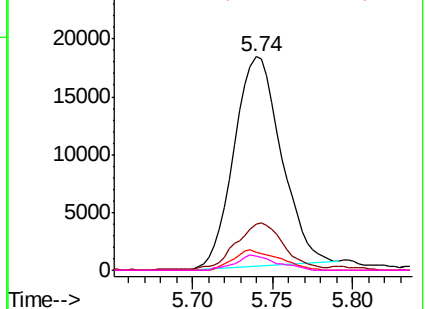


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.979 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031205.D

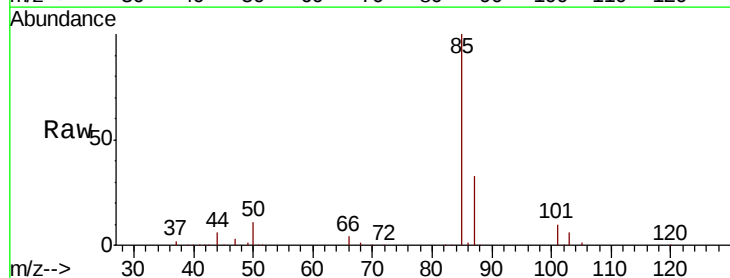
Acq: 16 Apr 2019 09:54

Tgt Ion: 85 Resp: 158686

Ion Ratio Lower Upper

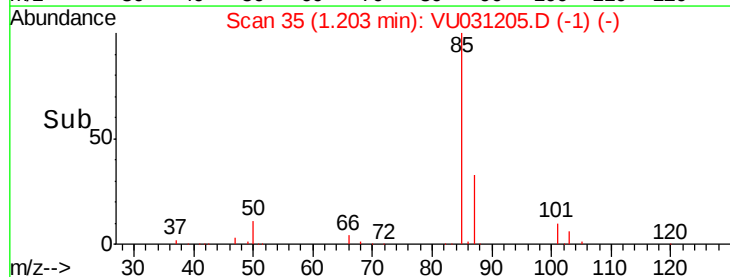
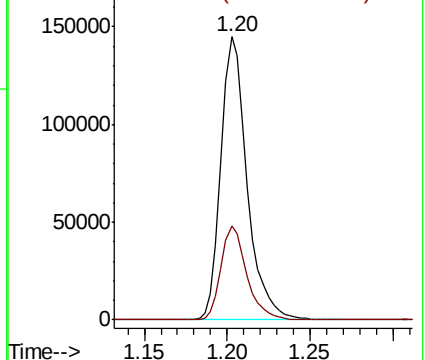
85 100

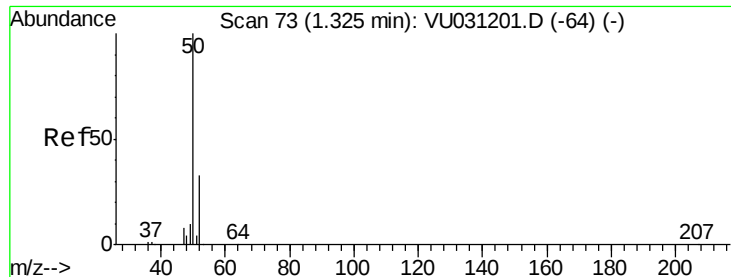
87 33.3 15.8 47.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.902 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

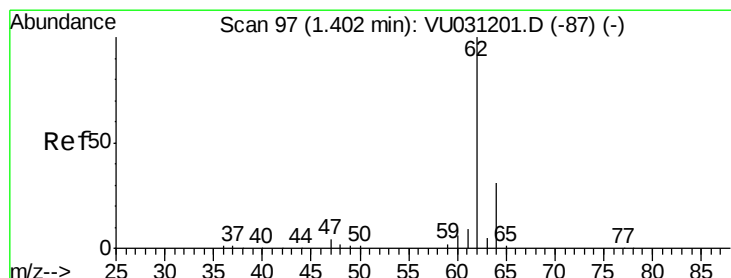
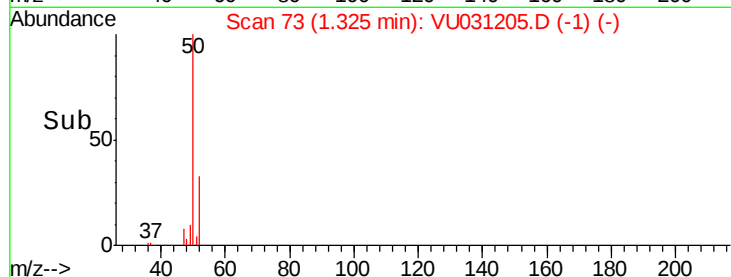
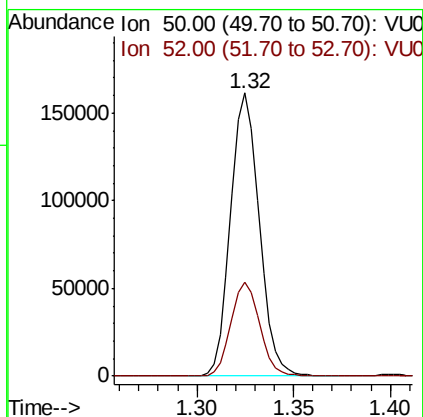
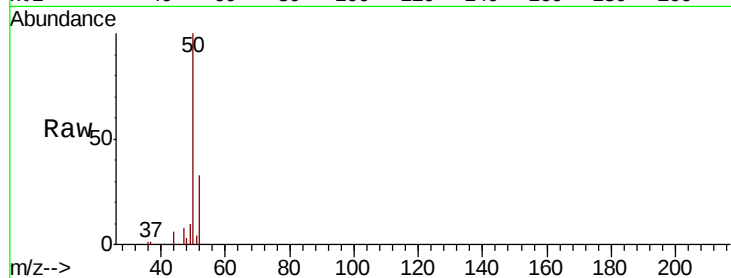
VSTDCCC010

Tgt Ion: 50 Resp: 166138

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 9.873 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031205.D

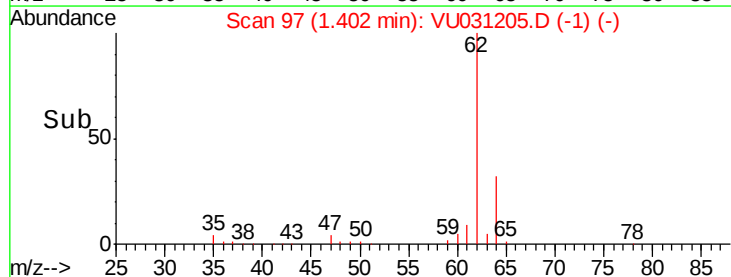
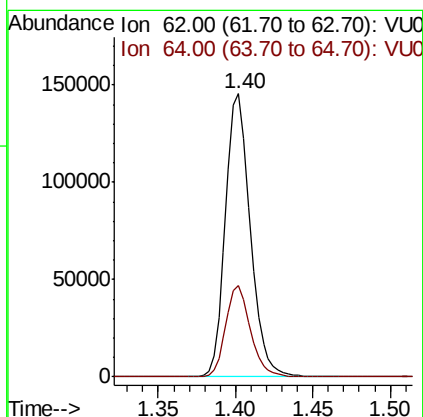
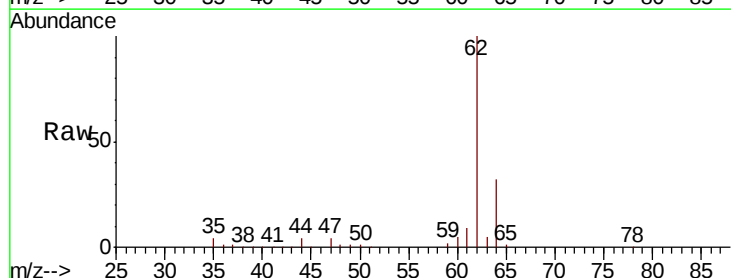
Acq: 16 Apr 2019 09:54

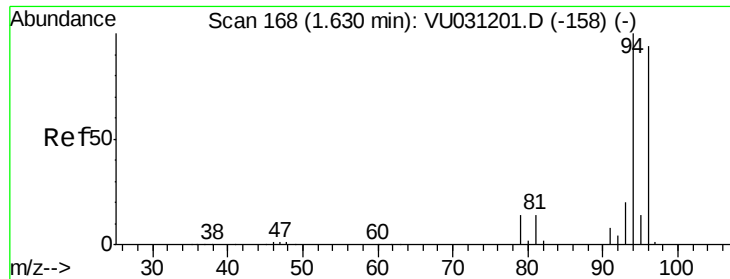
Tgt Ion: 62 Resp: 161836

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.6





#5

Bromomethane

Concen: 10.383 ug/l

RT: 1.63 min Scan# 167

Delta R.T. -0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

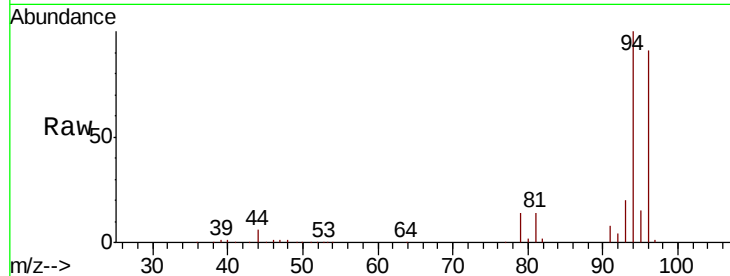
VSTDCCC010

Tgt Ion: 94 Resp: 99707

Ion Ratio Lower Upper

94 100

96 90.7 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU031205.D (-167) (-)

Ion 96.00 (95.70 to 96.70): VU031205.D (-167) (-)

1.63

80000

60000

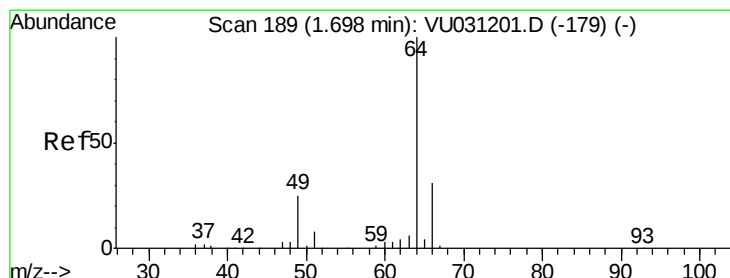
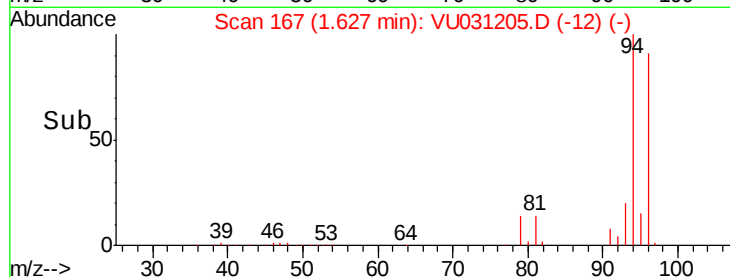
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 9.720 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031205.D

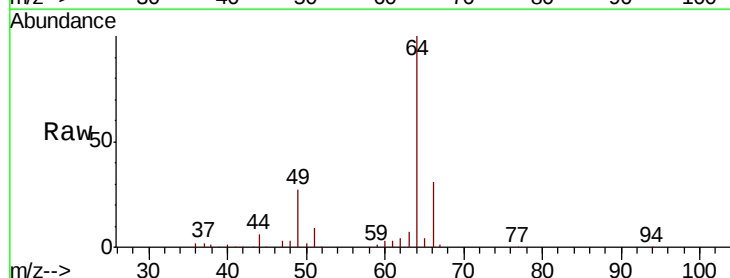
Acq: 16 Apr 2019 09:54

Tgt Ion: 64 Resp: 110022

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU031205.D (-189) (-)

Ion 66.00 (65.70 to 66.70): VU031205.D (-189) (-)

1.70

80000

60000

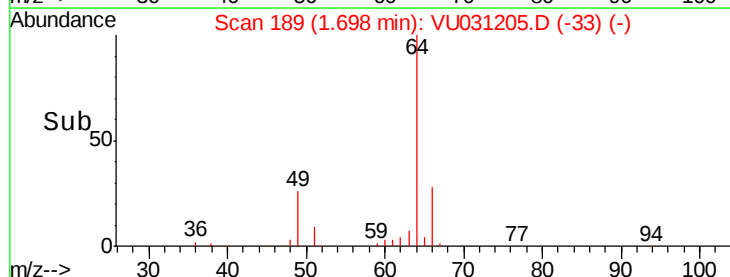
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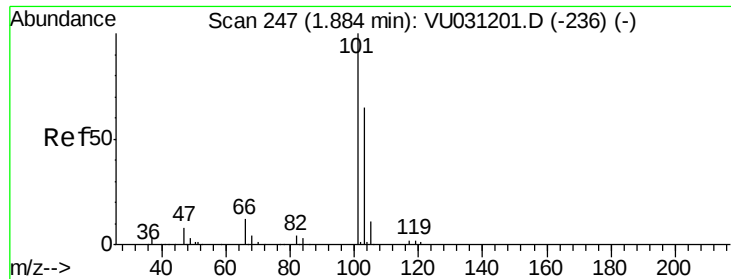
20000

0

1.65 1.70 1.75 1.80

Time-->





#7

Trichlorofluoromethane

Concen: 9.901 ug/l

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

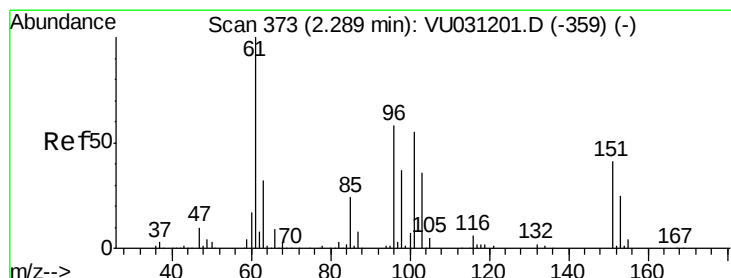
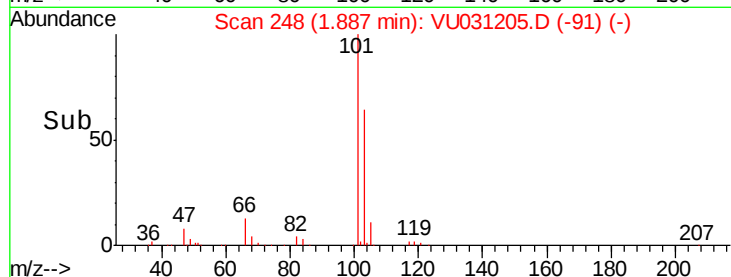
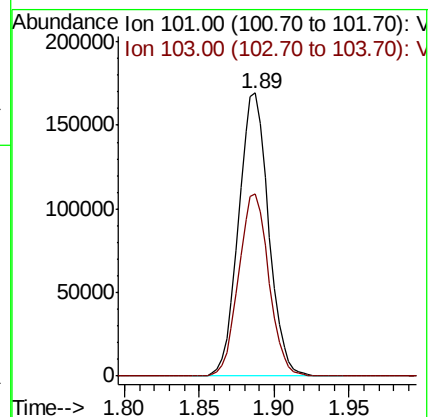
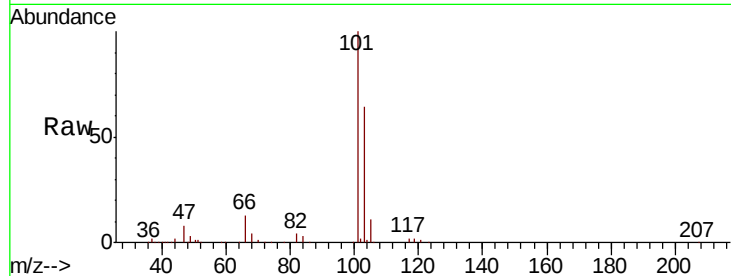
VSTDCCC010

Tgt Ion:101 Resp: 236656

Ion Ratio Lower Upper

101 100

103 64.5 51.8 77.8



#8

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

Concen: 10.477 ug/l

RT: 2.29 min Scan# 373

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

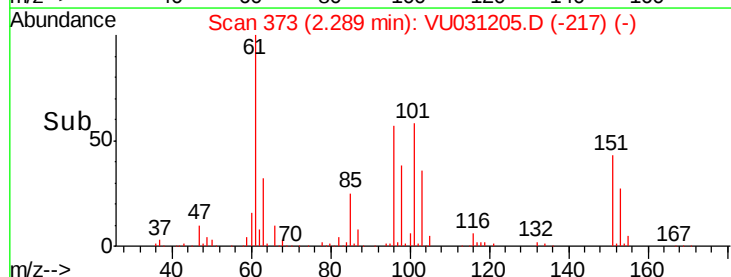
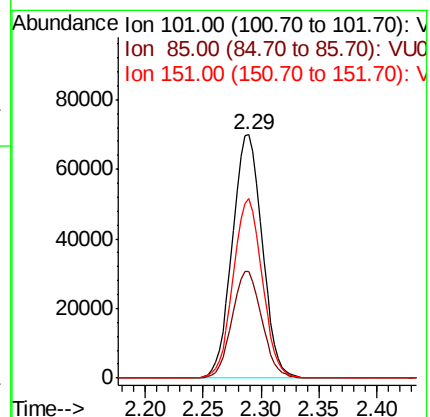
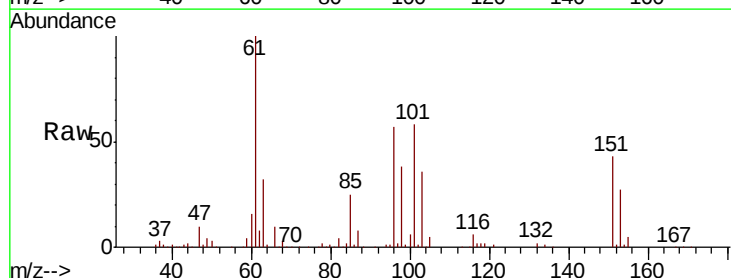
Tgt Ion:101 Resp: 124673

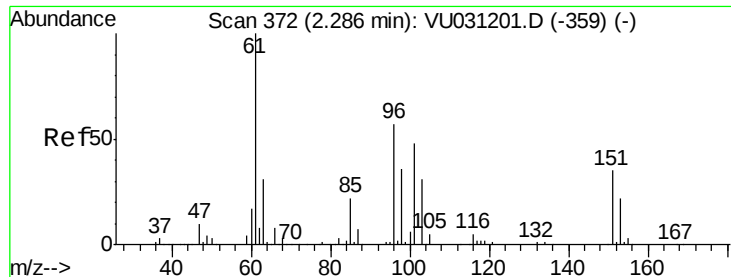
Ion Ratio Lower Upper

101 100

85 43.5 36.1 54.1

151 72.0 58.2 87.2





#9

1,1-Dichloroethene

Concen: 9.987 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

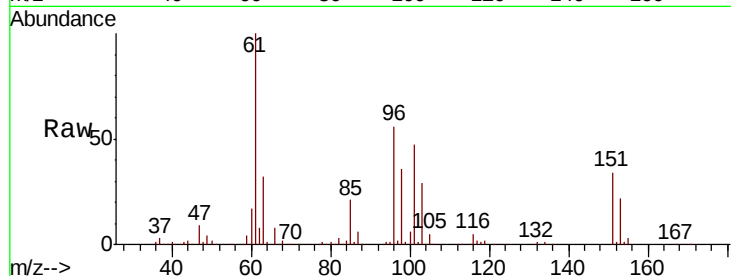
Tgt Ion: 96 Resp: 118720

Ion Ratio Lower Upper

96 100

61 177.1 0.0 527.7

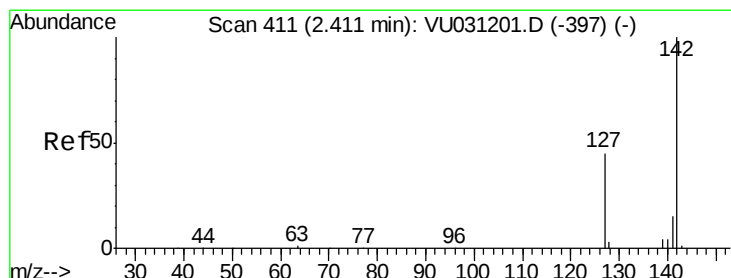
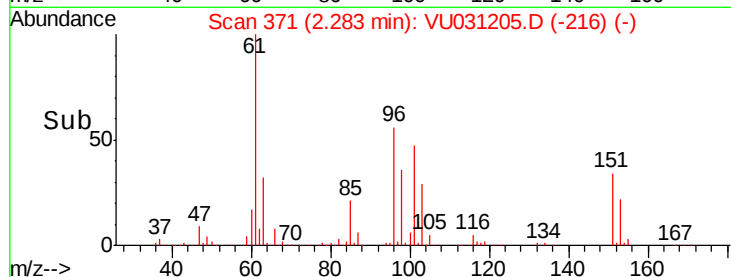
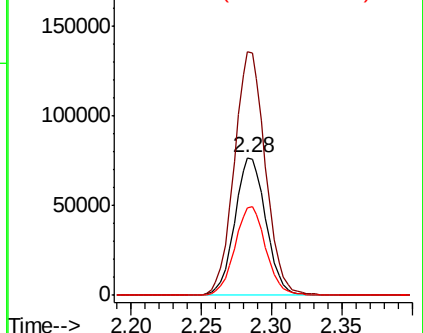
98 63.4 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU031205.D (-216) (-)

Ion 61.00 (60.70 to 61.70): VU031205.D (-216) (-)

Ion 98.00 (97.70 to 98.70): VU031205.D (-216) (-)



#10

Iodomethane

Concen: 11.457 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU031205.D

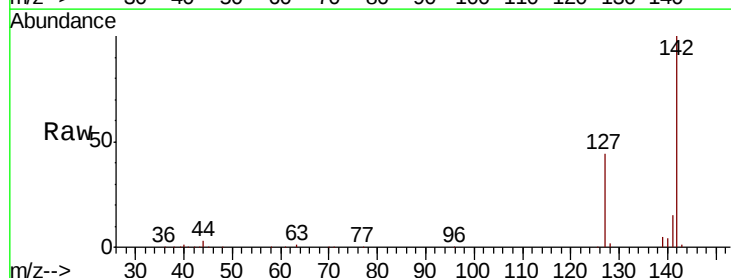
Acq: 16 Apr 2019 09:54

Tgt Ion: 142 Resp: 183928

Ion Ratio Lower Upper

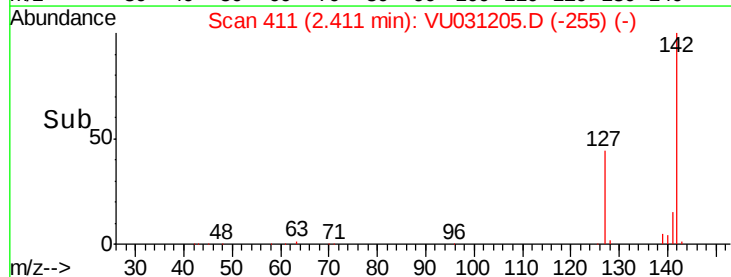
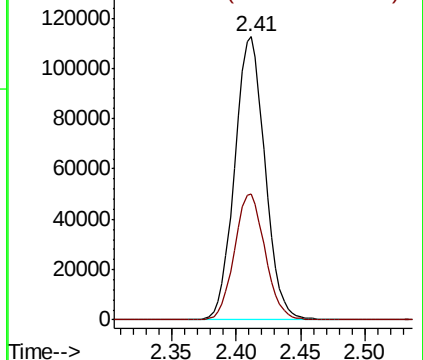
142 100

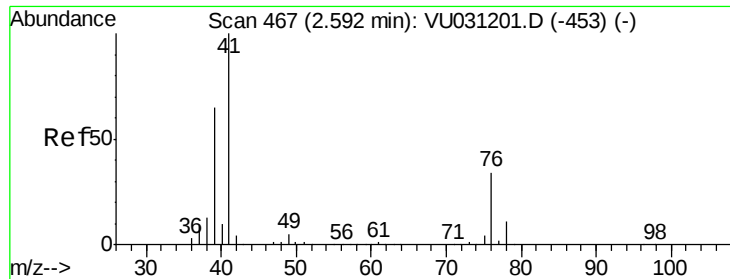
127 44.8 35.9 53.9



Abundance Ion 142.00 (141.70 to 142.70): VU031205.D (-255) (-)

Ion 127.00 (126.70 to 127.70): VU031205.D (-255) (-)

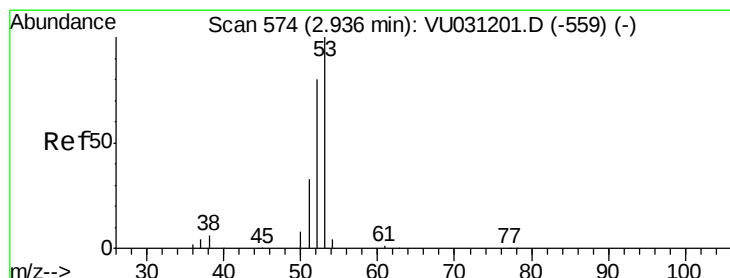
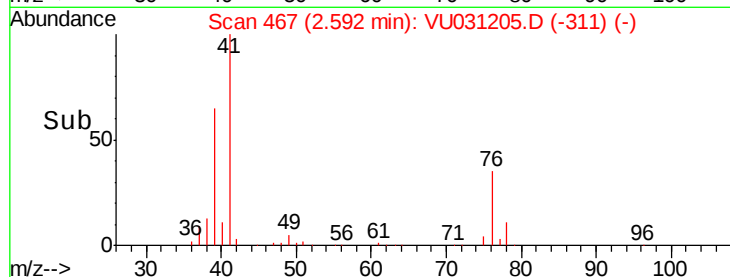
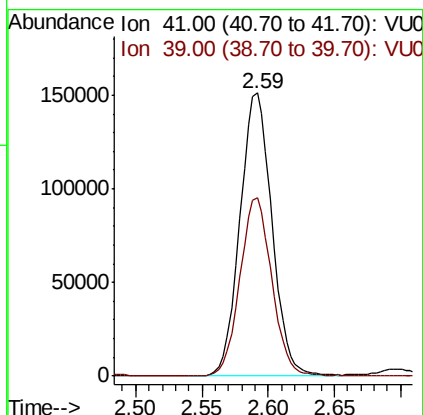
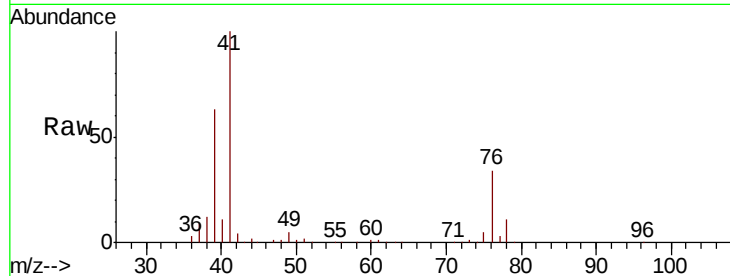




#11
 Allyl Chloride
 Concen: 10.858 ug/l
 RT: 2.59 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

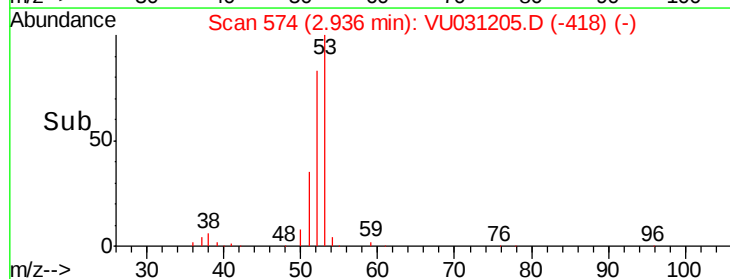
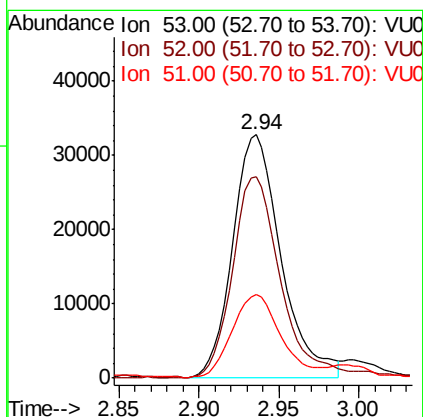
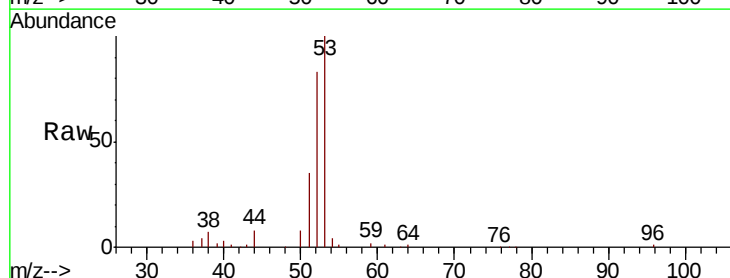
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

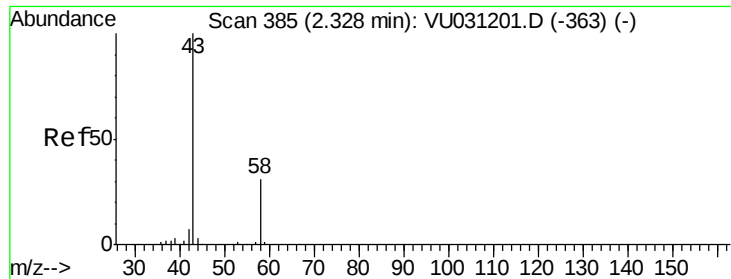
Tgt Ion: 41 Resp: 253333
 Ion Ratio Lower Upper
 41 100
 39 62.6 51.9 77.9



#12
 Acrylonitrile
 Concen: 19.553 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 53 Resp: 67997
 Ion Ratio Lower Upper
 53 100
 52 83.6 67.8 101.8
 51 35.0 26.9 40.3





#13

Acetone

Concen: 53.238 ug/l

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

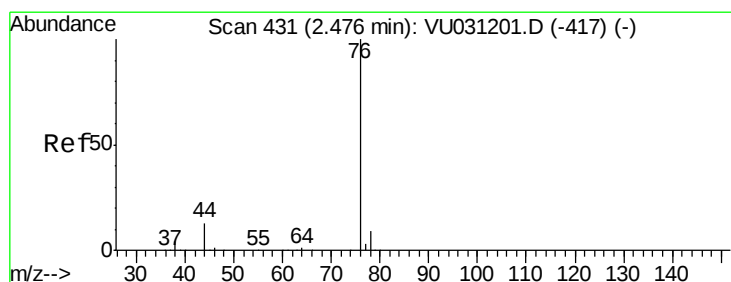
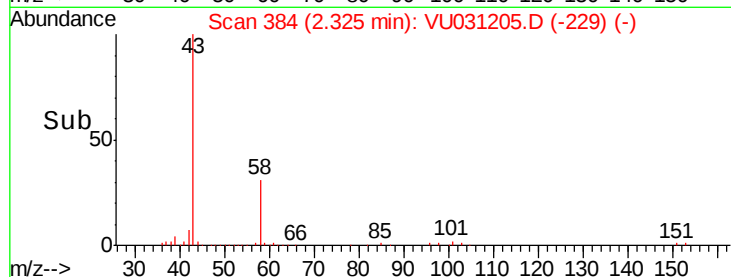
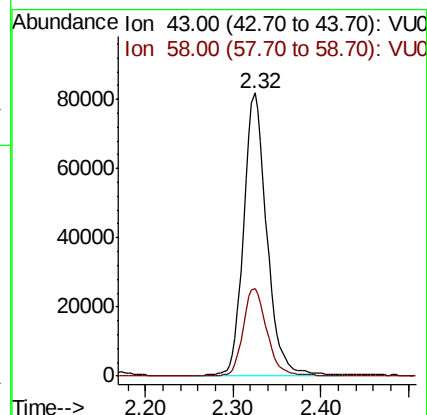
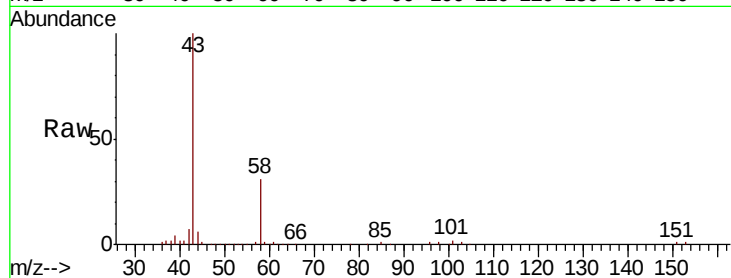
VSTDCCC010

Tgt Ion: 43 Resp: 151740

Ion Ratio Lower Upper

43 100

58 31.0 24.7 37.1



#14

Carbon Disulfide

Concen: 10.544 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031205.D

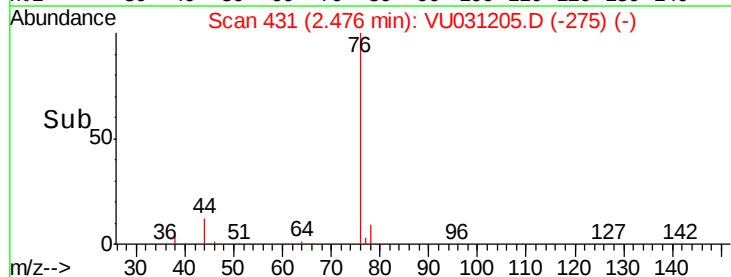
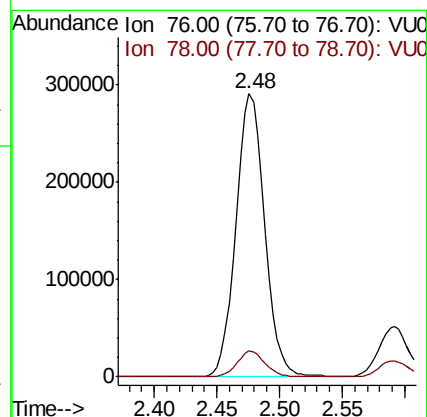
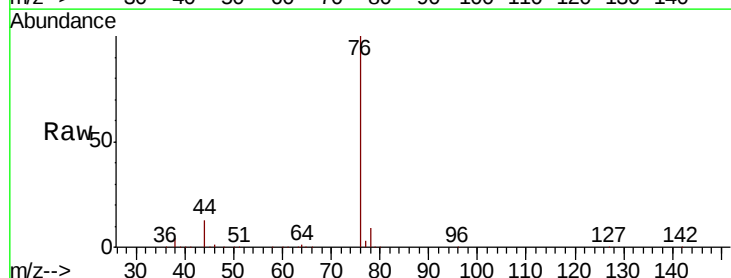
Acq: 16 Apr 2019 09:54

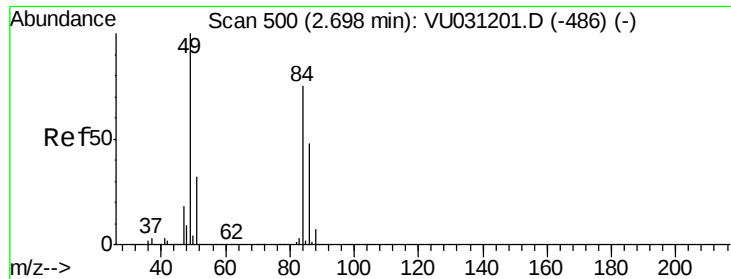
Tgt Ion: 76 Resp: 462928

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

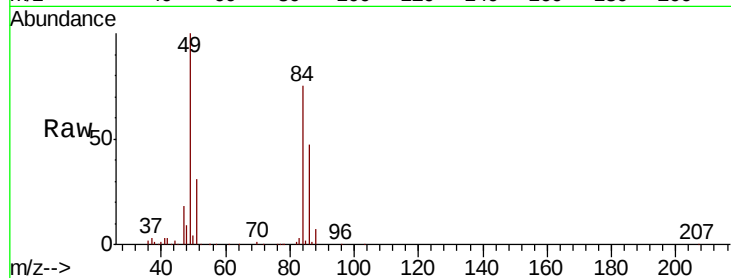




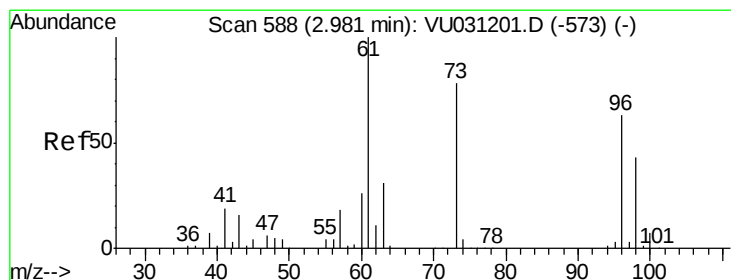
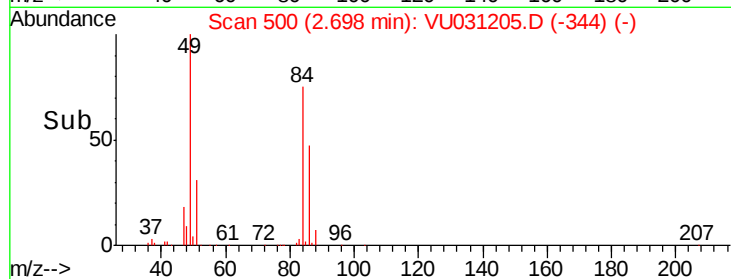
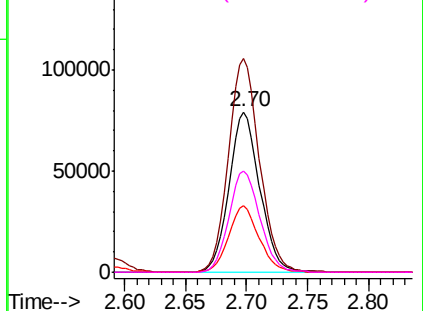
#15
Methylene Chloride
Concen: 9.073 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 84 Resp: 139045
Ion Ratio Lower Upper
84 100
49 132.9 106.1 159.1
51 41.1 0.0 84.2
86 63.0 50.5 75.7

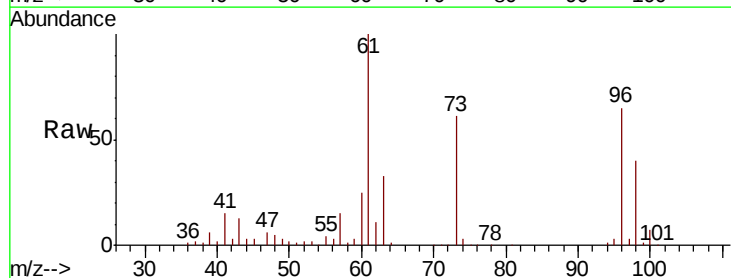


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

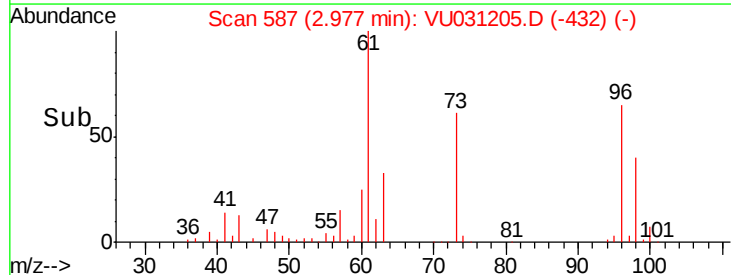
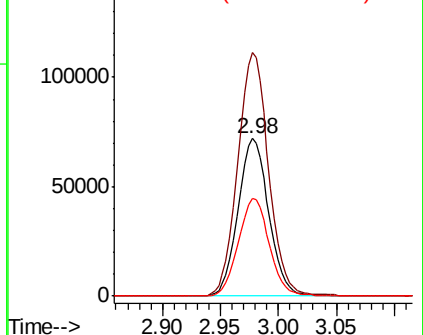


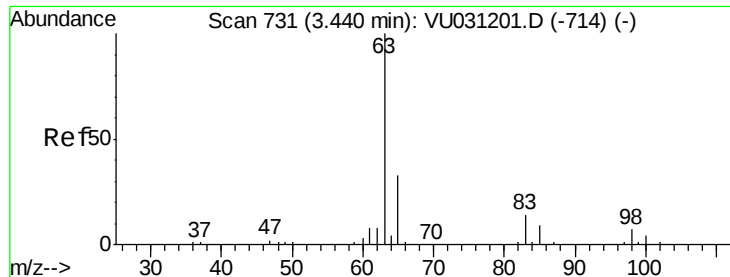
#16
trans-1,2-Dichloroethene
Concen: 10.084 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 96 Resp: 132289
Ion Ratio Lower Upper
96 100
61 154.3 126.6 189.8
98 61.7 53.9 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

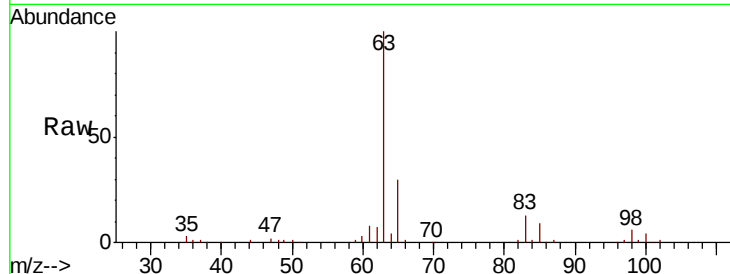




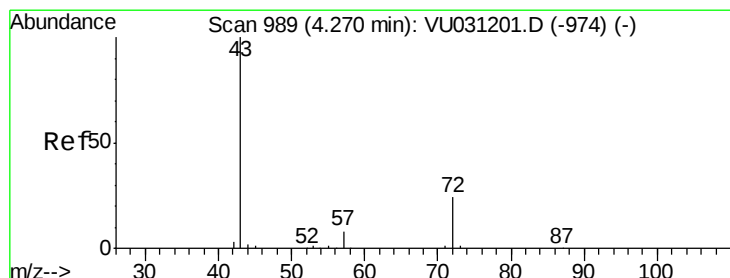
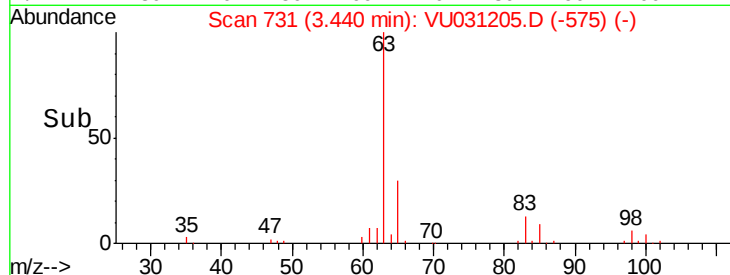
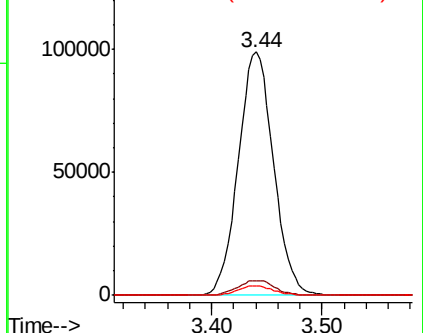
#17
 1,1-Dichloroethane
 Concen: 10.544 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 63 Resp: 219091
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.1 2.0 5.8

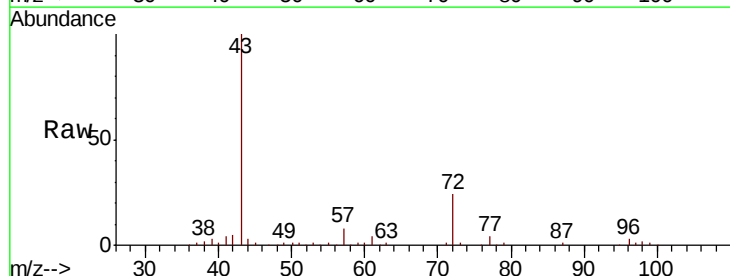


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

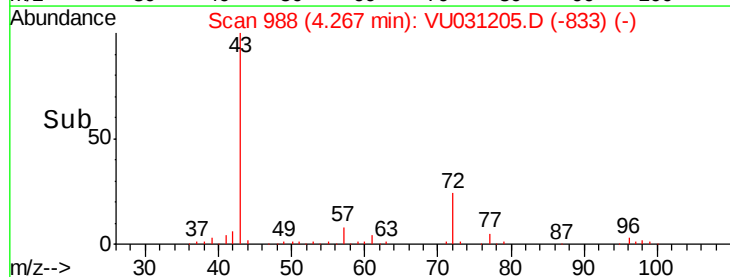
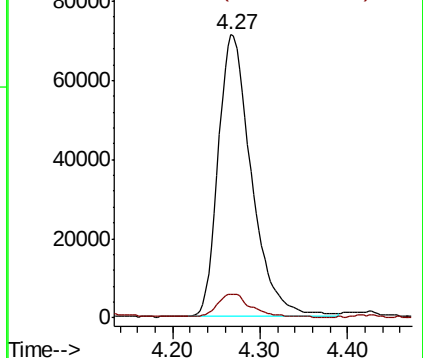


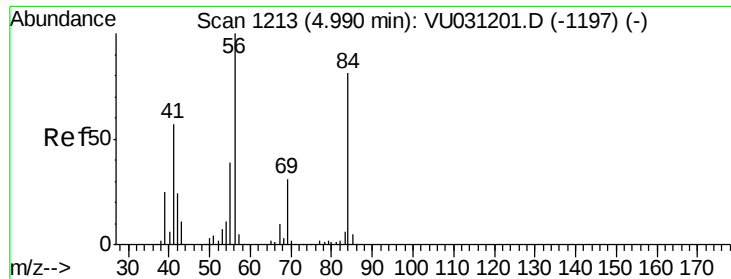
#18
 2-Butanone
 Concen: 57.958 ug/l
 RT: 4.27 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 43 Resp: 187314
 Ion Ratio Lower Upper
 43 100
 57 7.8 0.0 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

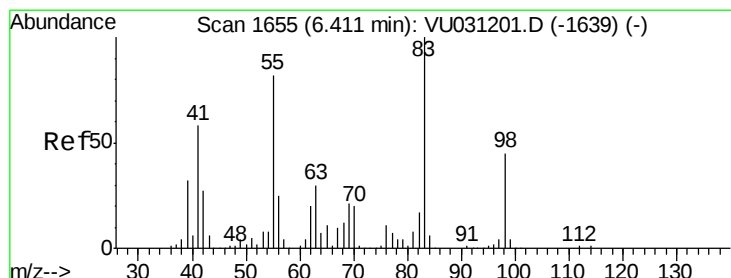
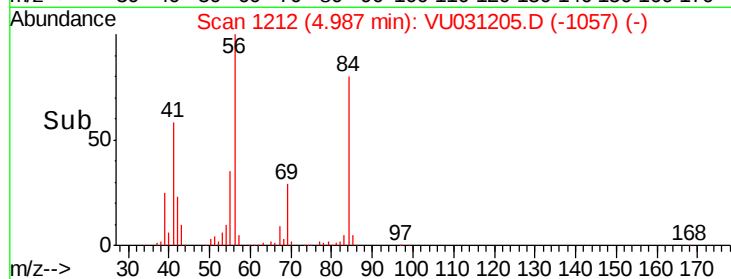
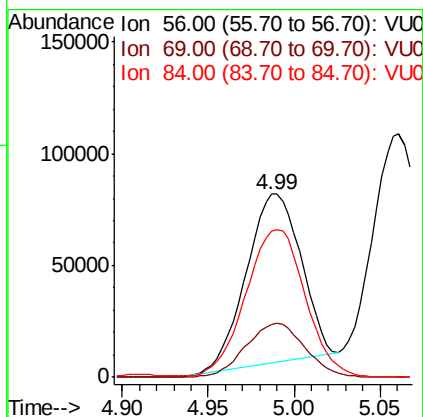
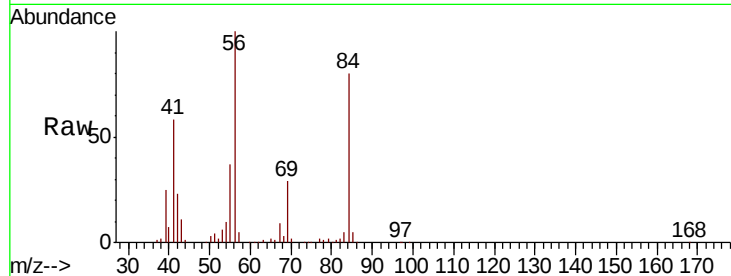




#19
Cyclohexane
Concen: 11.407 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

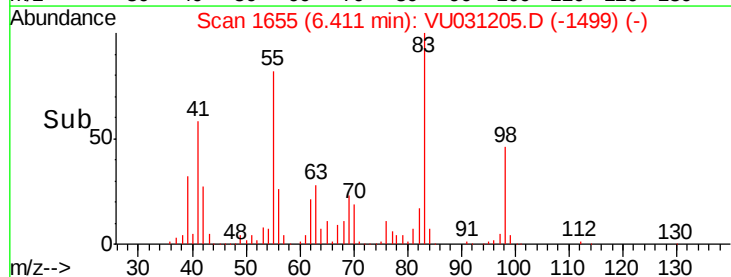
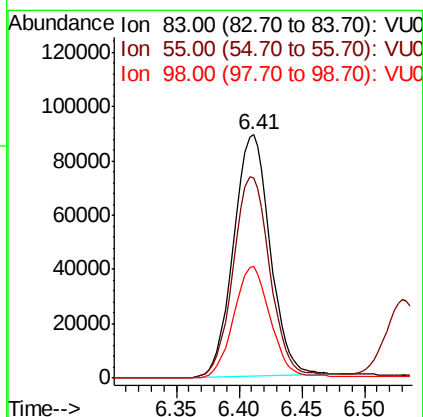
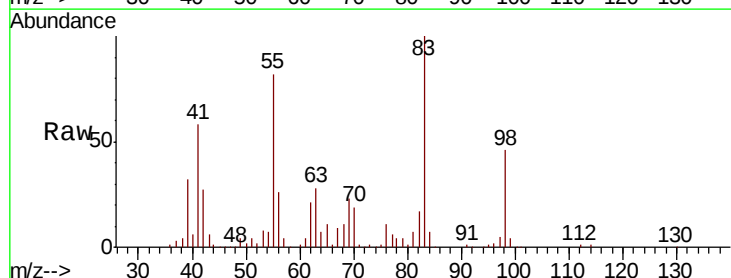
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

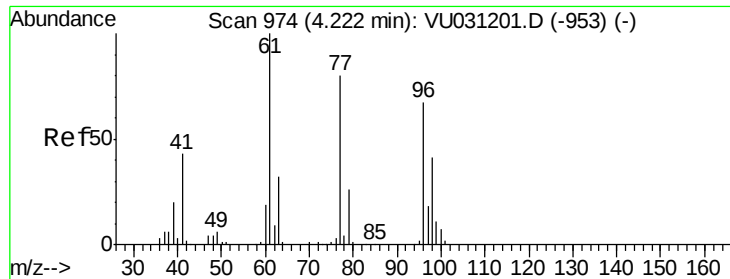
Tgt Ion: 56 Resp: 166766
Ion Ratio Lower Upper
56 100
69 34.8 28.3 42.5
84 94.1 75.2 112.8



#20
Methylcyclohexane
Concen: 12.207 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 83 Resp: 180979
Ion Ratio Lower Upper
83 100
55 81.8 68.2 102.2
98 45.4 35.8 53.8





#21

2,2-Dichloropropane

Concen: 11.479 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

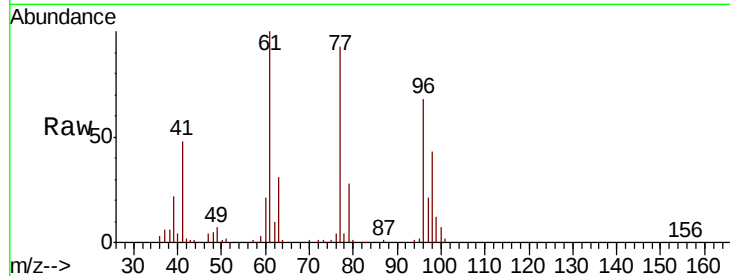
VSTDCCC010

Tgt Ion: 77 Resp: 184874

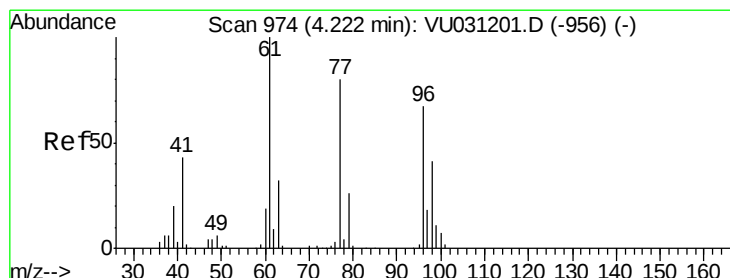
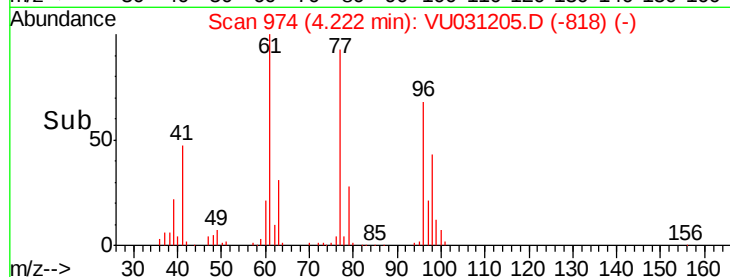
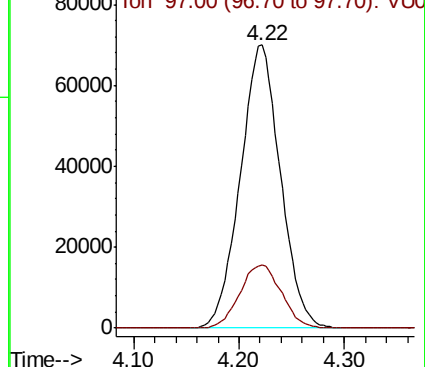
Ion Ratio Lower Upper

77 100

97 23.2 18.2 27.2



Abundance Ion 77.00 (76.70 to 77.70): VU031201.D (-953) (-)



#22

cis-1,2-Dichloroethene

Concen: 10.987 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

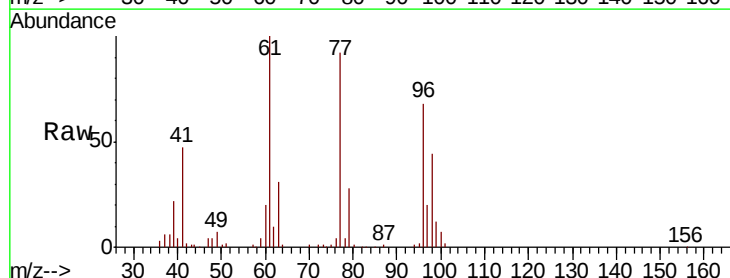
Tgt Ion: 96 Resp: 125676

Ion Ratio Lower Upper

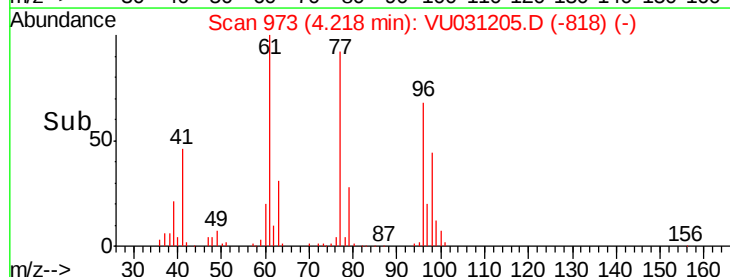
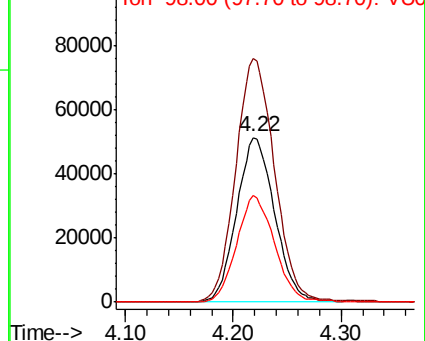
96 100

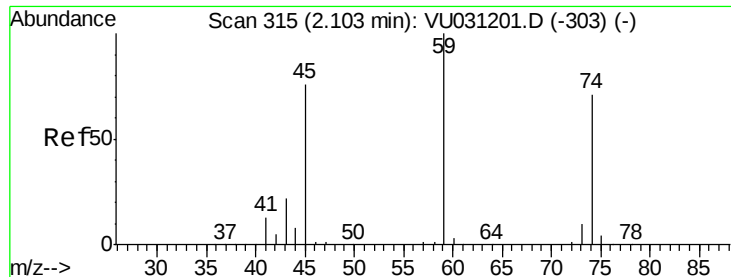
61 151.5 0.0 380.0

98 64.8 32.3 96.9



Abundance Ion 96.00 (95.70 to 96.70): VU031205.D (-818) (-)

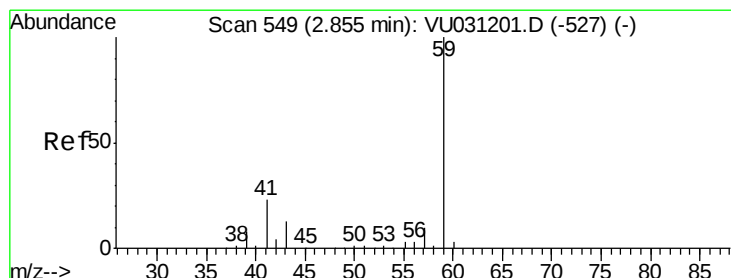
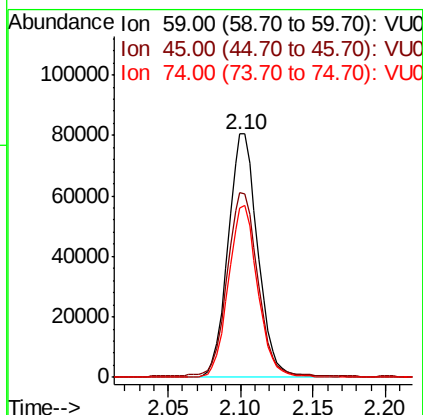
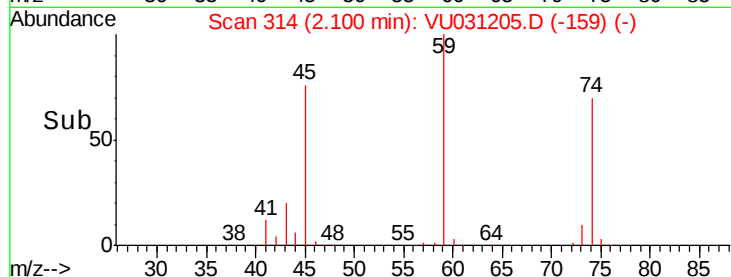
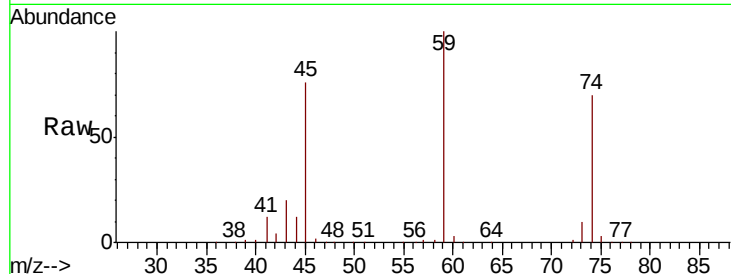




#23
Diethyl Ether
Concen: 10.312 ug/l
RT: 2.10 min Scan# 314
Delta R.T. -0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

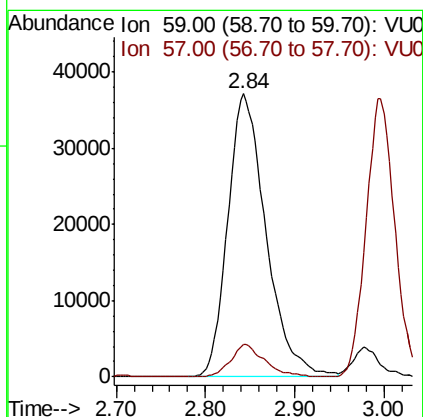
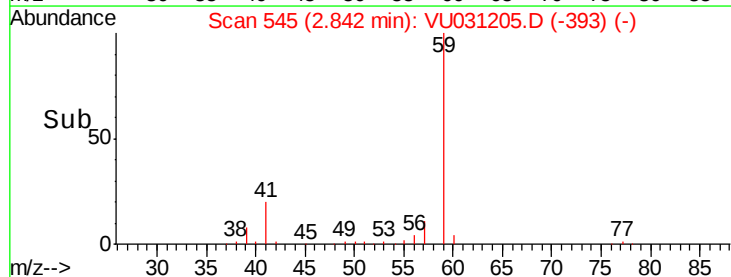
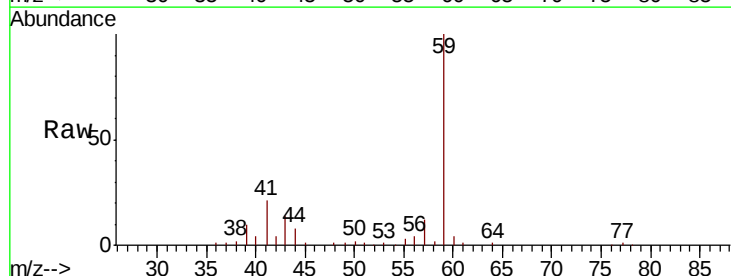
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

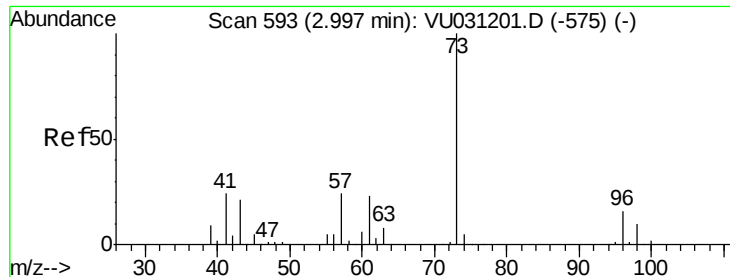
Tgt Ion: 59 Resp: 114334
Ion Ratio Lower Upper
59 100
45 79.5 61.8 92.6
74 69.7 55.8 83.8



#24
tert-Butyl Alcohol
Concen: 93.472 ug/l
RT: 2.84 min Scan# 545
Delta R.T. -0.01 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 59 Resp: 110382
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



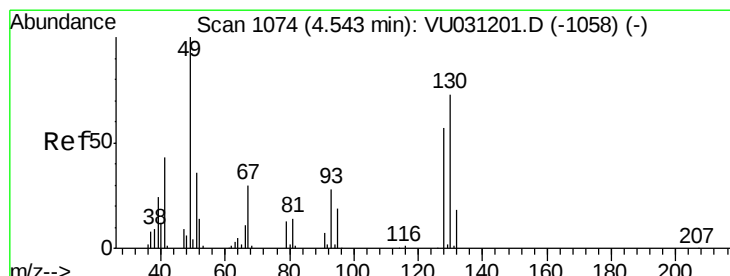
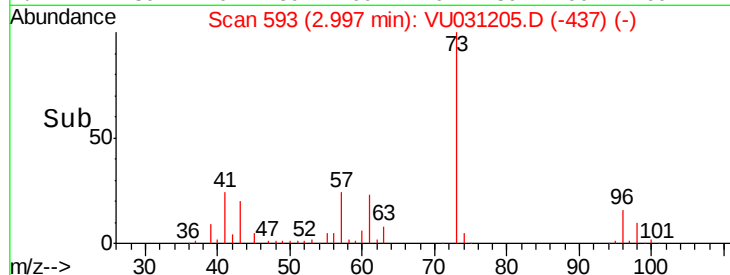
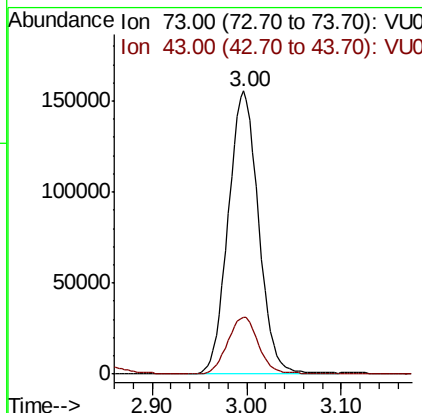
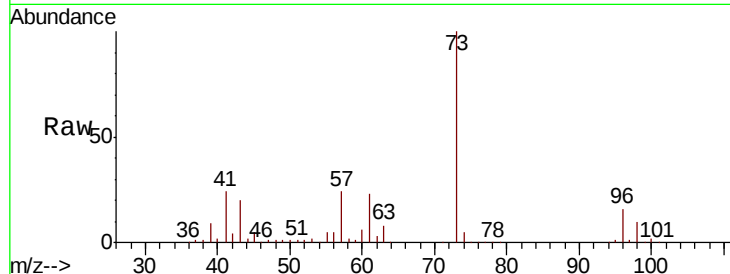


#25

Methyl tert-Butyl Ether
 Concen: 10.004 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

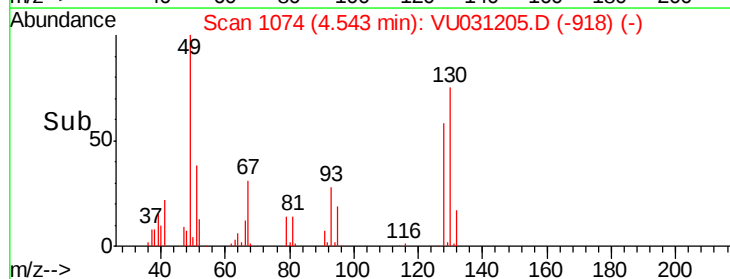
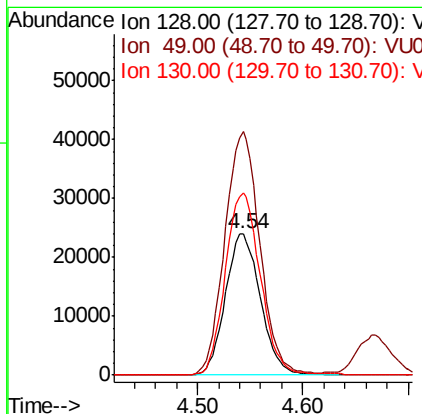
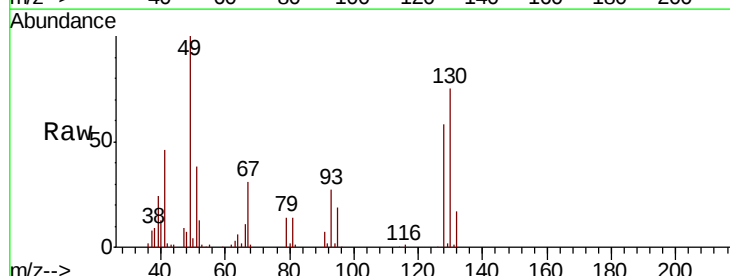
Tgt Ion: 73 Resp: 346728
 Ion Ratio Lower Upper
 73 100
 43 20.0 16.2 24.4

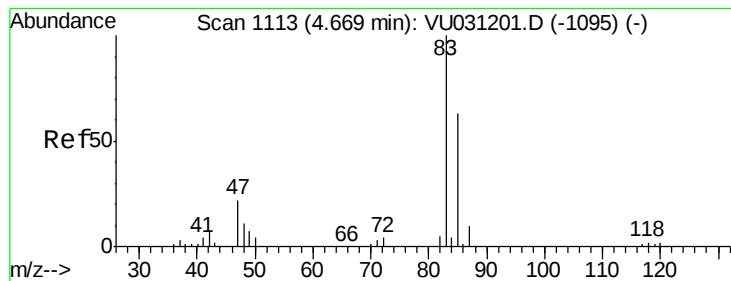


#26

Bromochloromethane
 Concen: 10.599 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 128 Resp: 55271
 Ion Ratio Lower Upper
 128 100
 49 172.3 0.0 345.8
 130 129.0 103.4 155.2





#27

Chloroform

Concen: 10.388 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

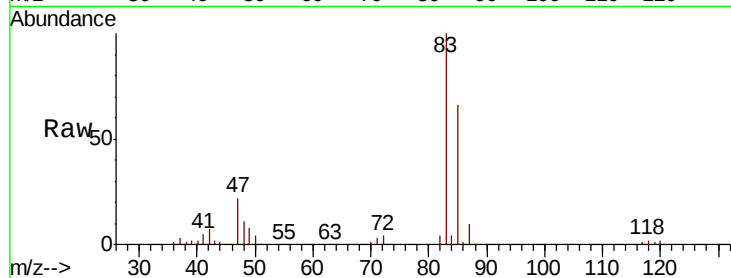
VSTDCCC010

Tgt Ion: 83 Resp: 213583

Ion Ratio Lower Upper

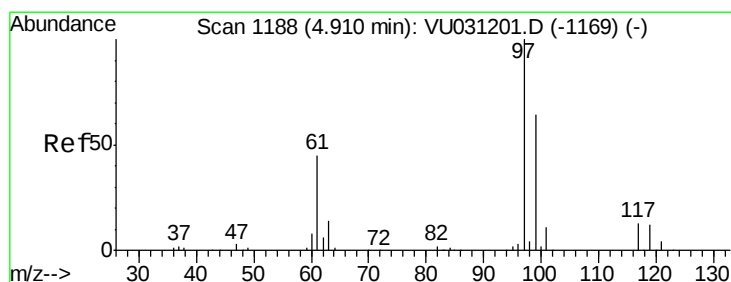
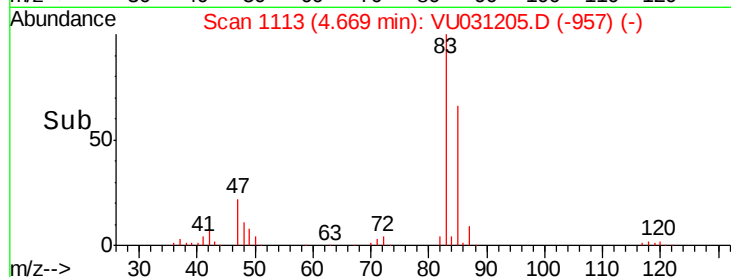
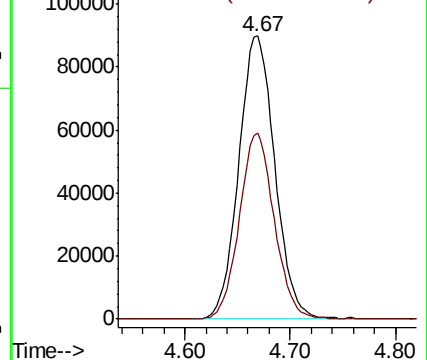
83 100

85 65.8 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 10.442 ug/l

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

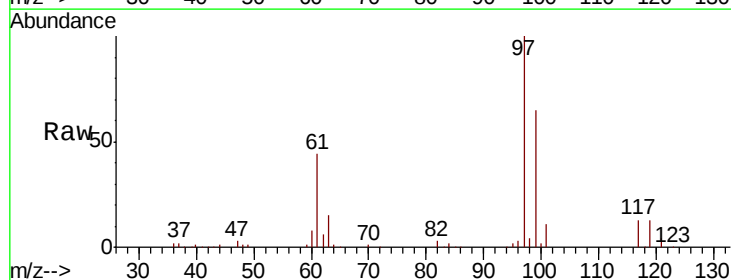
Tgt Ion: 97 Resp: 182481

Ion Ratio Lower Upper

97 100

99 63.6 32.0 96.0

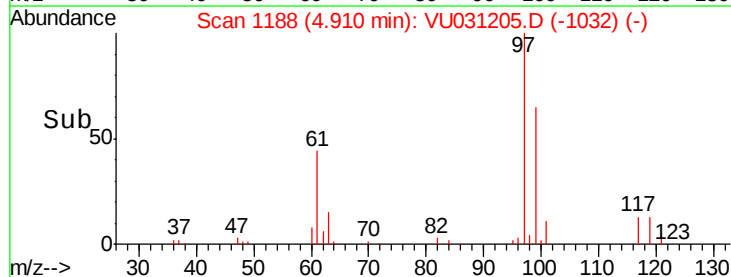
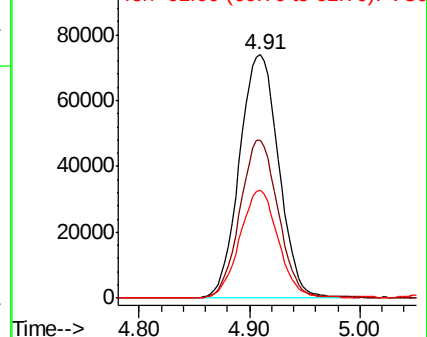
61 43.5 22.2 66.6

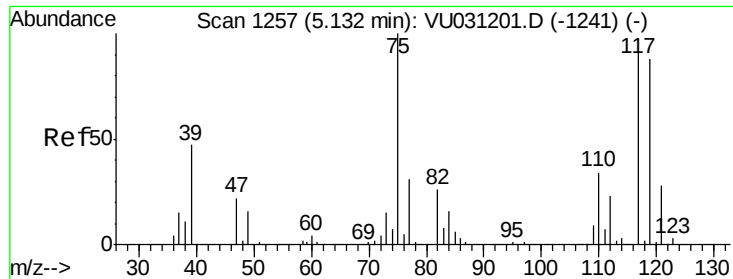


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

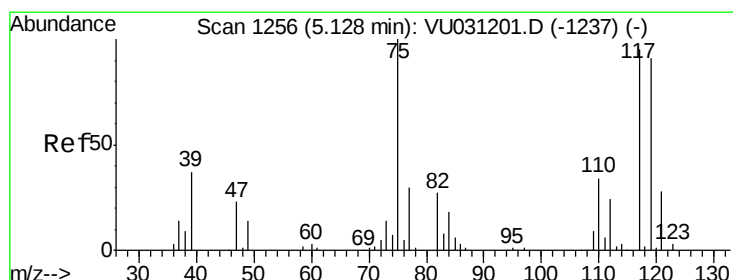
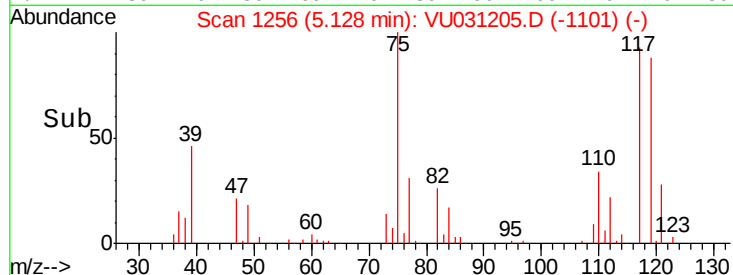
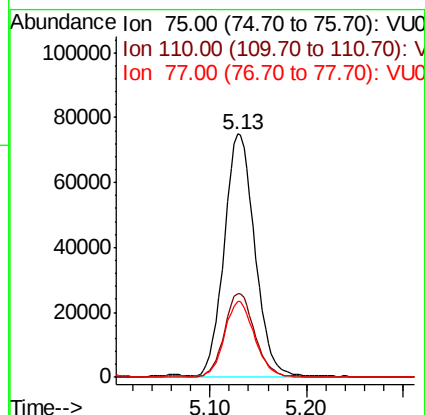
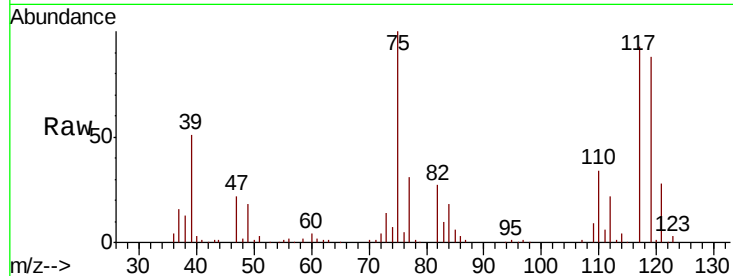




#29
 1,1-Dichloropropene
 Concen: 11.169 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

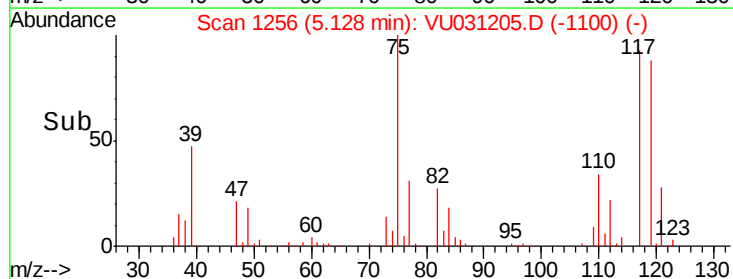
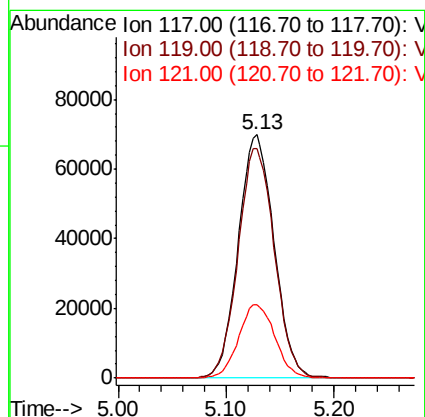
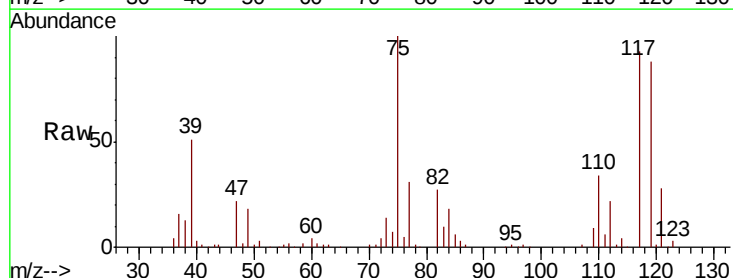
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

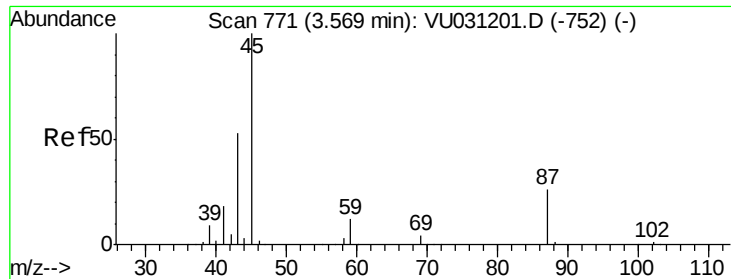
Tgt Ion:	75	Resp:	163676
Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.2	51.5
77	31.3	24.9	37.3



#30
 Carbon Tetrachloride
 Concen: 10.467 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion:	117	Resp:	161602
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.2	114.4
121	30.0	23.8	35.8

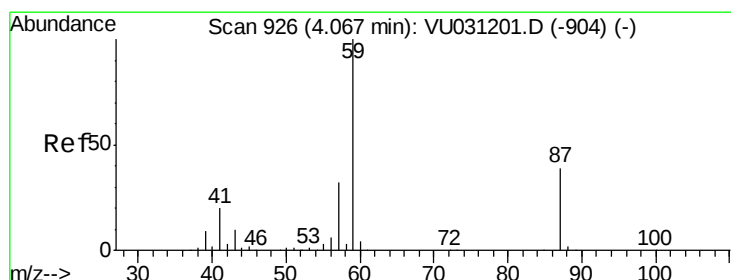
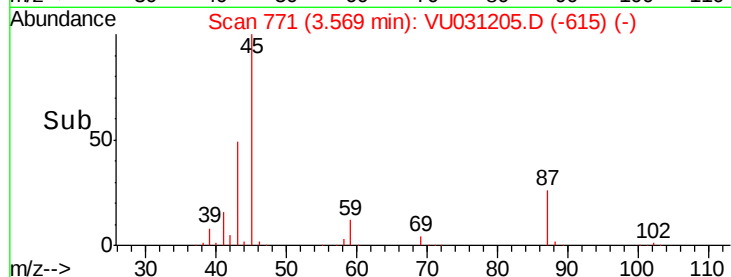
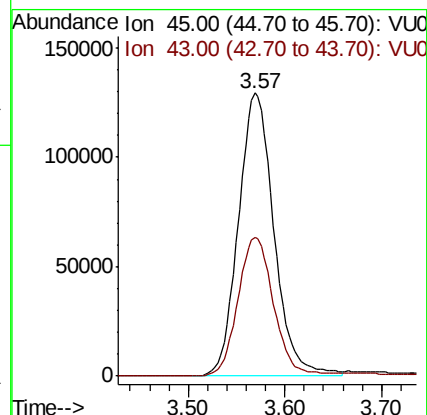
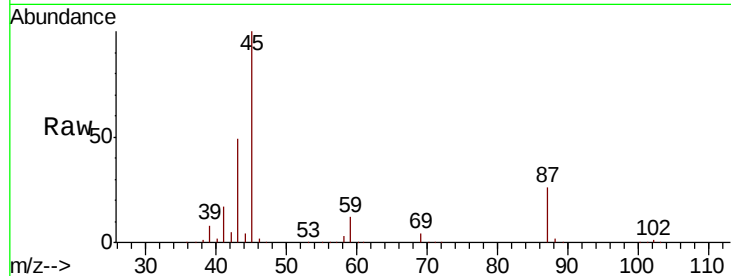




#31
Isopropyl Ether
Concen: 10.857 ug/l
RT: 3.57 min Scan# 771
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

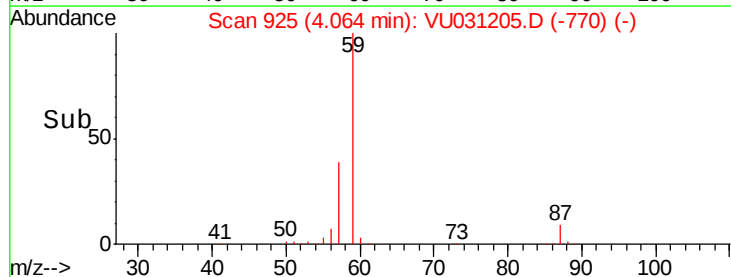
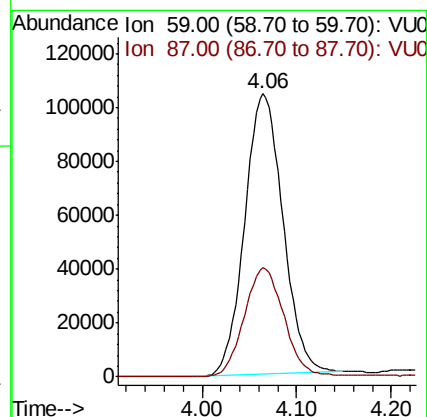
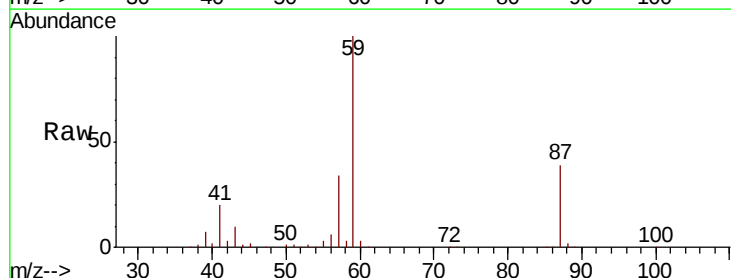
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

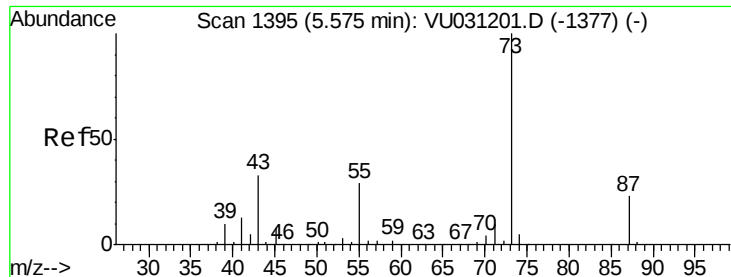
Tgt Ion: 45 Resp: 330803
Ion Ratio Lower Upper
45 100
43 49.2 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 11.321 ug/l
RT: 4.06 min Scan# 925
Delta R.T. -0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 59 Resp: 292529
Ion Ratio Lower Upper
59 100
87 39.4 32.2 48.2

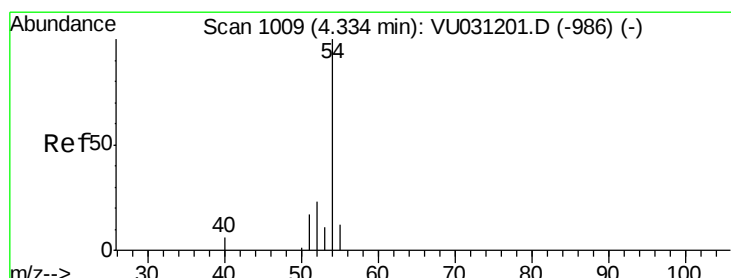
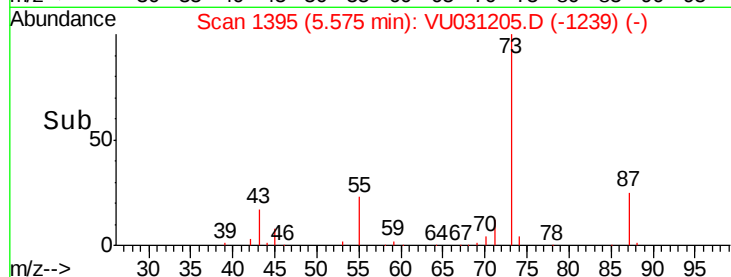
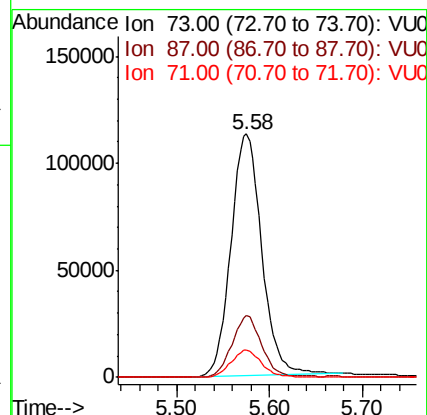
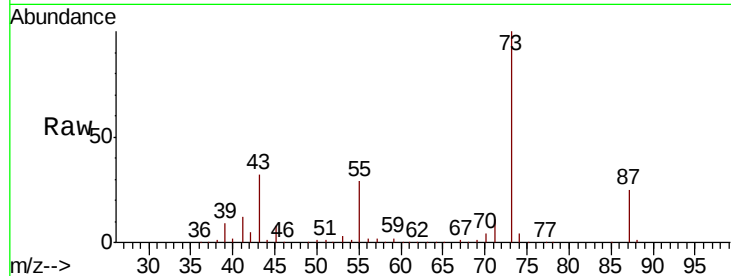




#33
Tert-Amyl methyl ether
Concen: 11.488 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

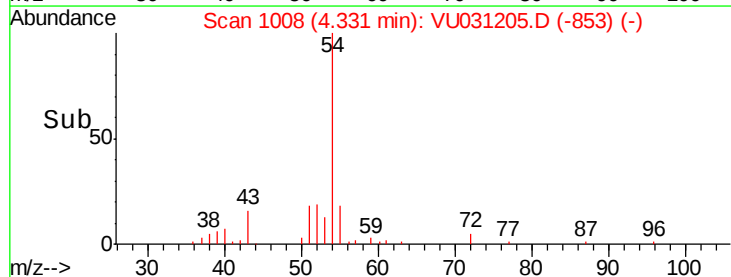
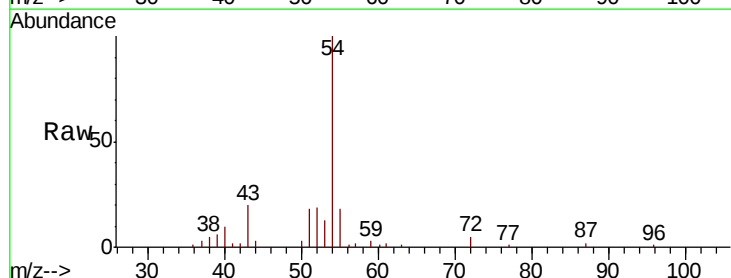
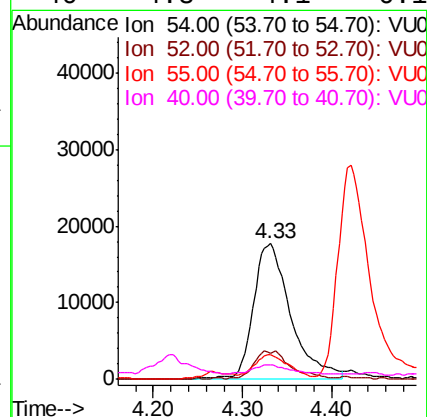
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

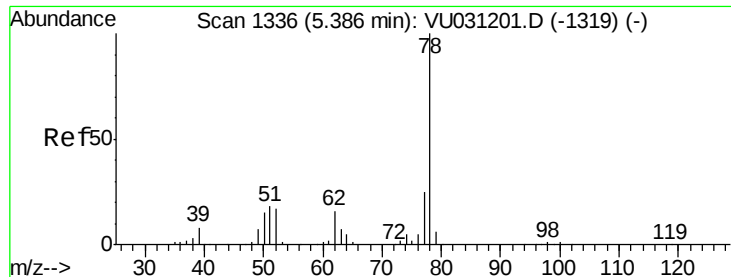
Tgt Ion: 73 Resp: 259846
Ion Ratio Lower Upper
73 100
87 23.5 18.4 27.6
71 11.0 8.8 13.2



#34
Propionitrile
Concen: 57.783 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 54 Resp: 51601
Ion Ratio Lower Upper
54 100
52 9.3 15.9 23.9#
55 13.7 8.9 13.3#
40 4.8 4.1 6.1





#35

Benzene

Concen: 10.758 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

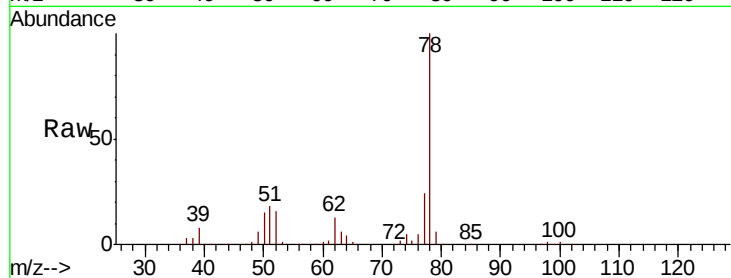
VSTDCCC010

Tgt Ion: 78 Resp: 469210

Ion Ratio Lower Upper

78 100

77 23.9 19.6 29.4



Abundance Ion 78.10 (77.80 to 78.80): VU031201.D (-1319) (-)

Ion 77.00 (76.70 to 77.70): VU031205.D (-1180) (-)

5.38

250000

200000

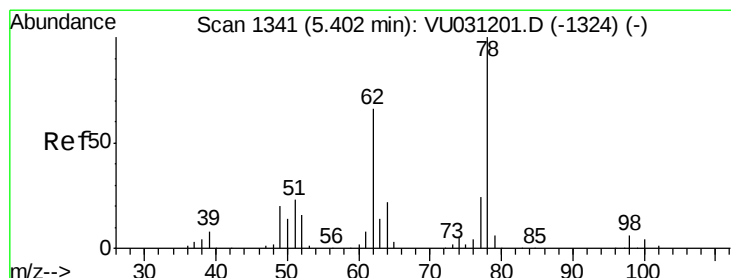
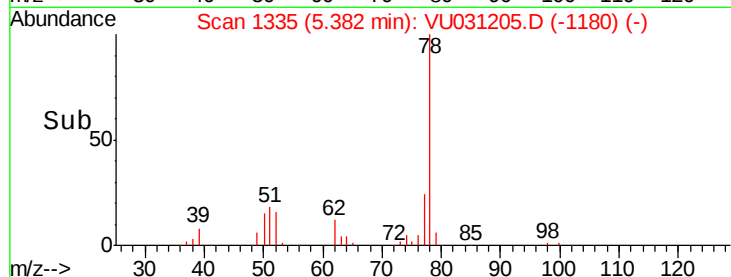
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.194 ug/l

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU031205.D

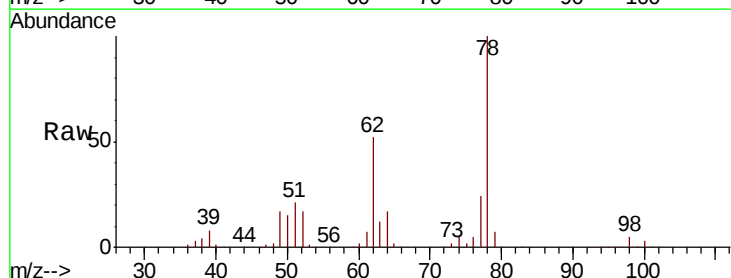
Acq: 16 Apr 2019 09:54

Tgt Ion: 62 Resp: 141494

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VU031201.D (-1324) (-)

Ion 98.00 (97.70 to 98.70): VU031205.D (-1185) (-)

5.40

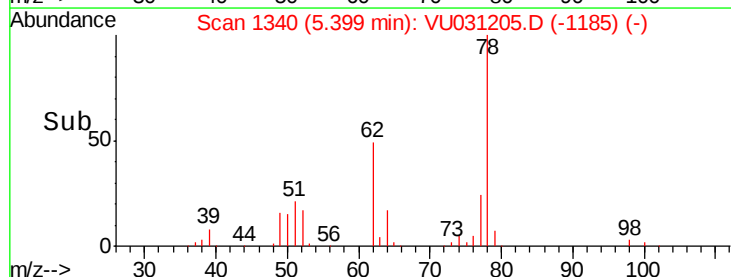
60000

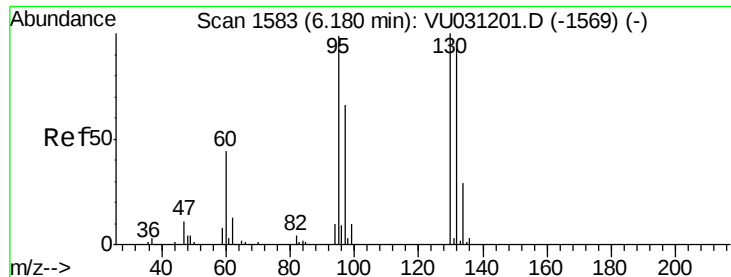
40000

20000

0

Time-->

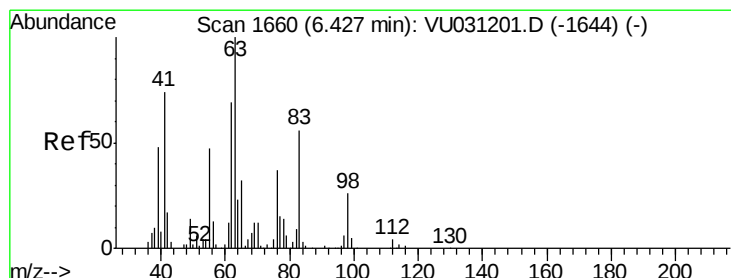
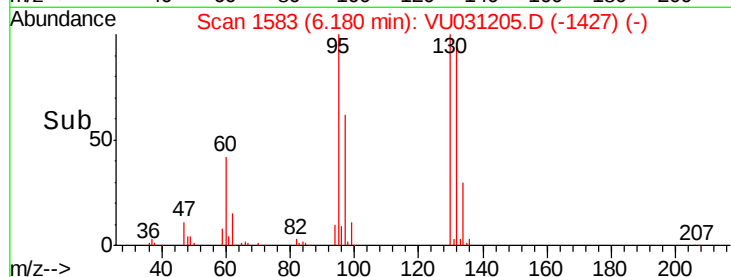
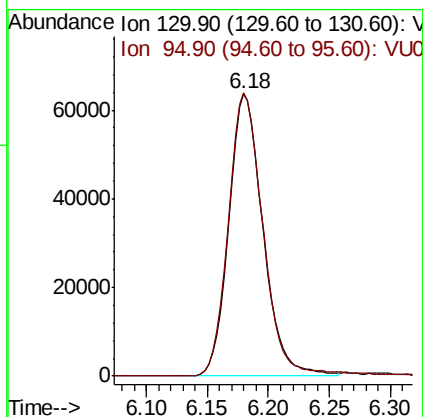
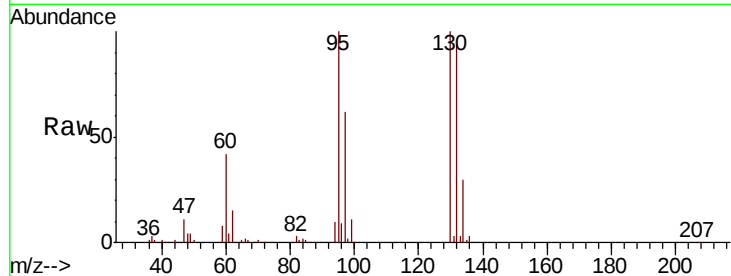




#37
 Trichloroethene
 Concen: 10.156 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

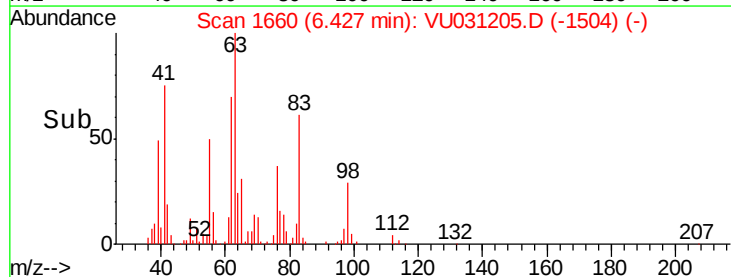
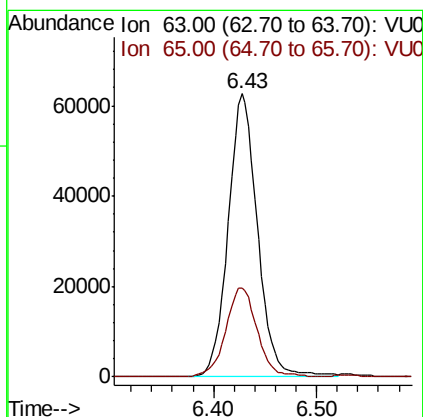
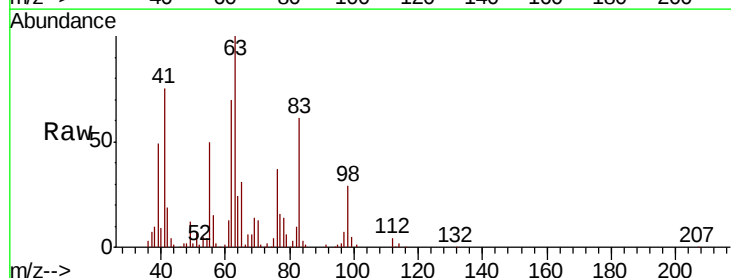
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

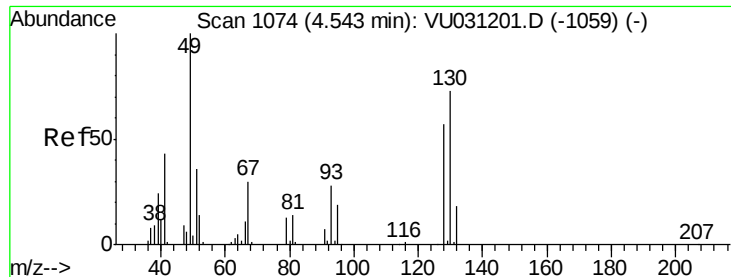
Tgt Ion:130 Resp: 124210
 Ion Ratio Lower Upper
 130 100
 95 100.3 79.3 118.9



#38
 1,2-Dichloropropane
 Concen: 10.713 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 63 Resp: 124423
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.5 38.3

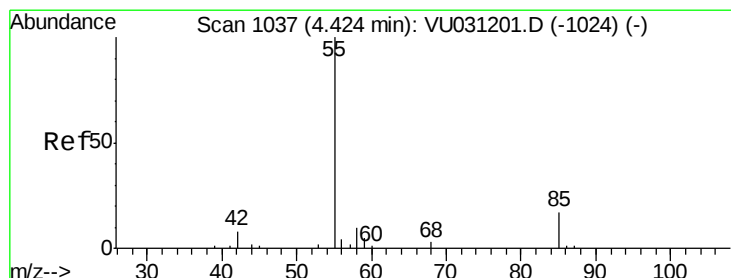
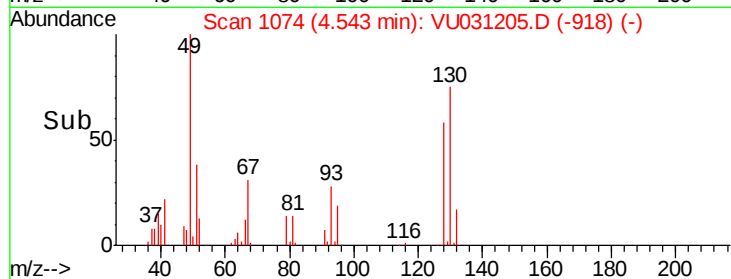
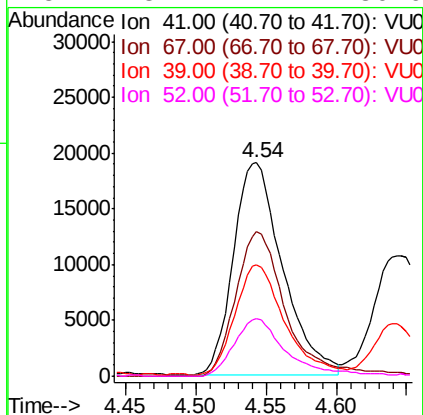
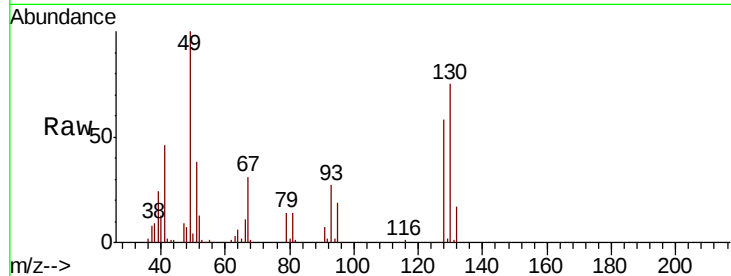




#39
Methacrylonitrile
Concen: 11.555 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

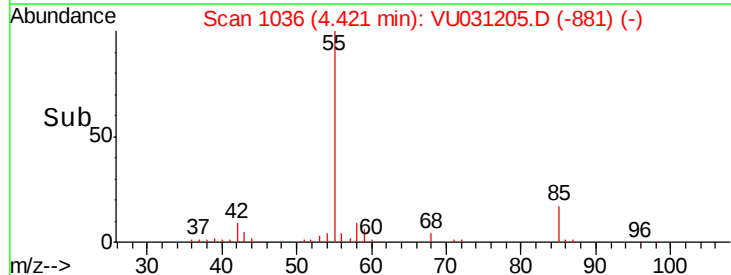
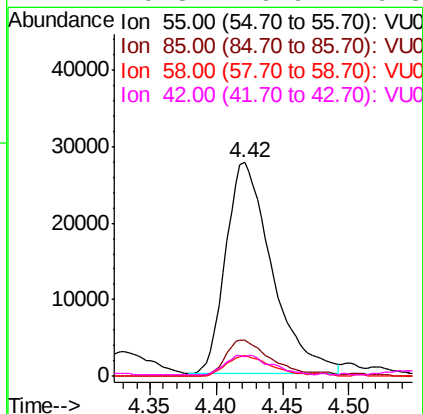
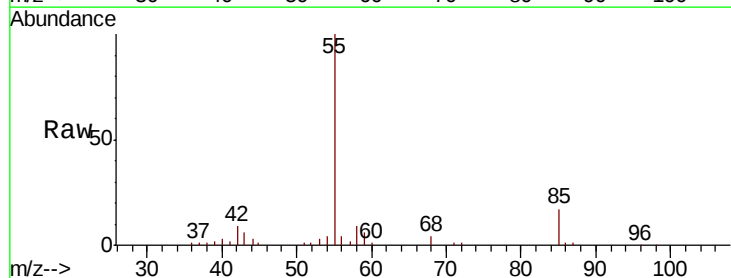
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

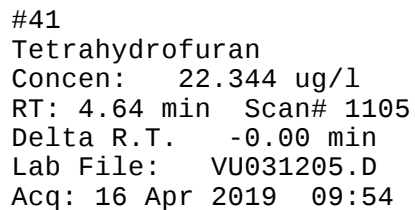
Tgt Ion:	41	Resp:	46476
Ion	Ratio	Lower	Upper
41	100		
67	68.6	59.7	89.5
39	52.1	42.2	63.2
52	28.4	24.4	36.6



#40
Methyl acrylate
Concen: 10.652 ug/l
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

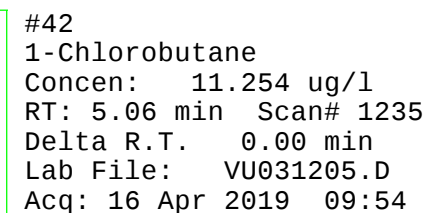
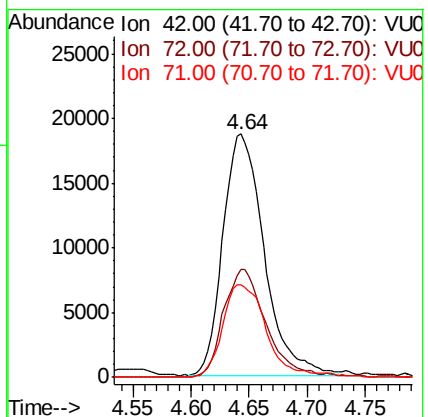
Tgt Ion:	55	Resp:	67006
Ion	Ratio	Lower	Upper
55	100		
85	16.1	12.2	18.2
58	9.2	7.0	10.6
42	9.3	6.9	10.3



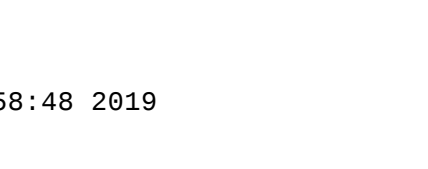
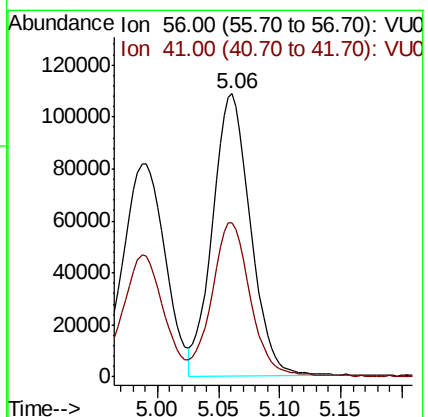


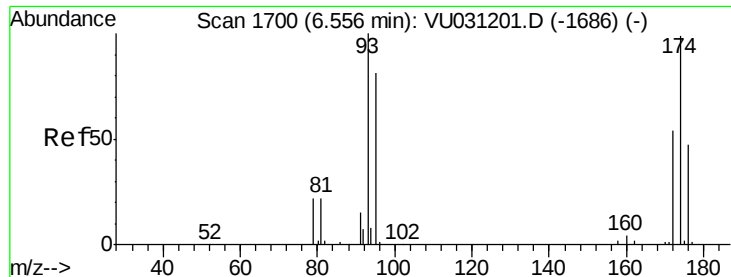
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt	Ion: 42	Resp:	45896
Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.4	51.6
71	41.1	32.0	48.0



Tgt	Ion: 56	Resp:	234907
Ion	Ratio	Lower	Upper
56	100		
41	55.1	27.3	81.9

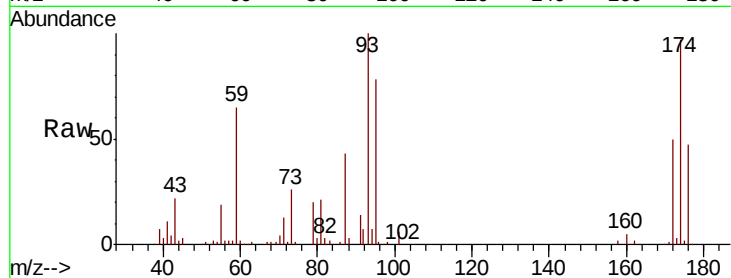




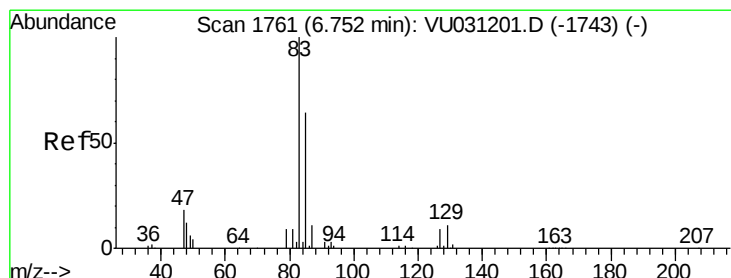
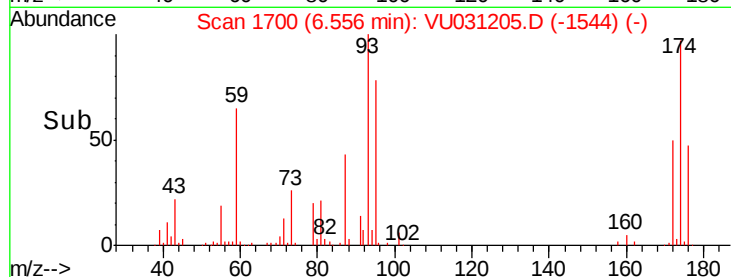
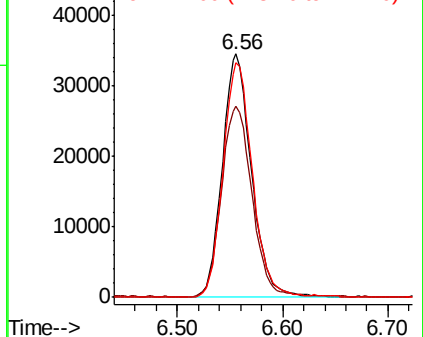
#43
 Dibromomethane
 Concen: 10.568 ug/l
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 93 Resp: 66040
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.4 101.0
 174 96.9 79.1 118.7

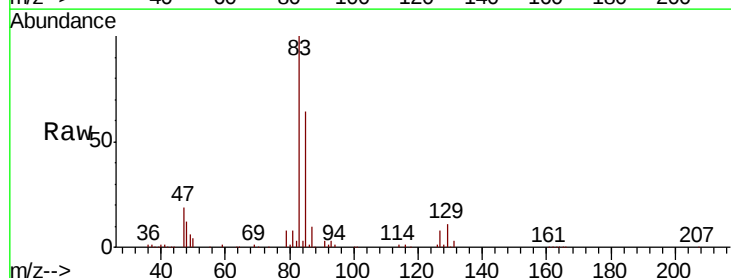


Abundance Ion 93.00 (92.70 to 93.70): VU0
 Ion 95.00 (94.70 to 95.70): VU0
 Ion 174.00 (173.70 to 174.70): V

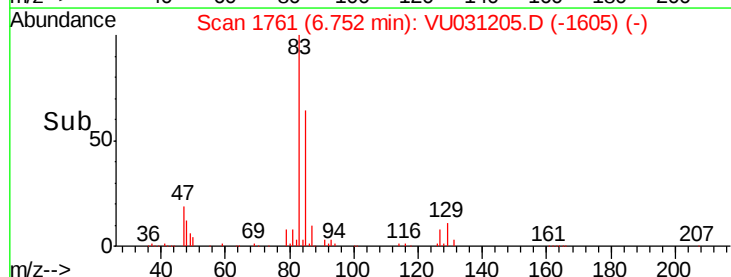
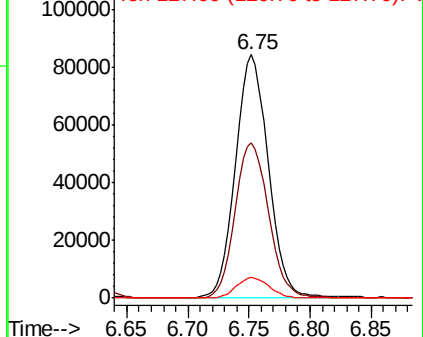


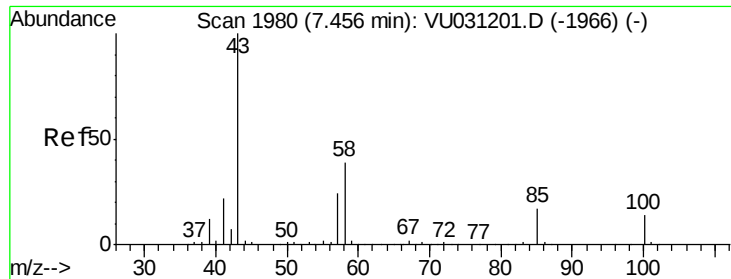
#44
 Bromodichloromethane
 Concen: 10.344 ug/l
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 83 Resp: 155766
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.0 76.6
 127 8.4 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 127.00 (126.70 to 127.70): V

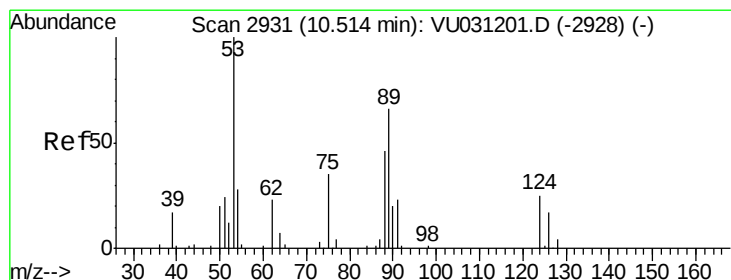
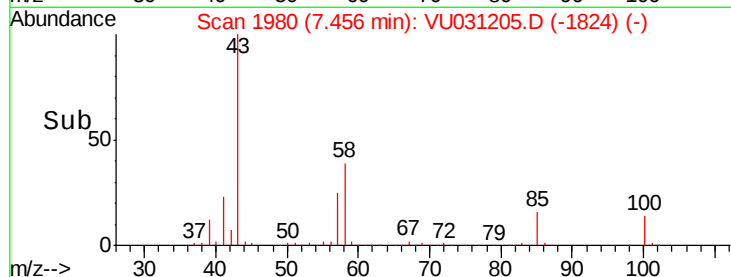
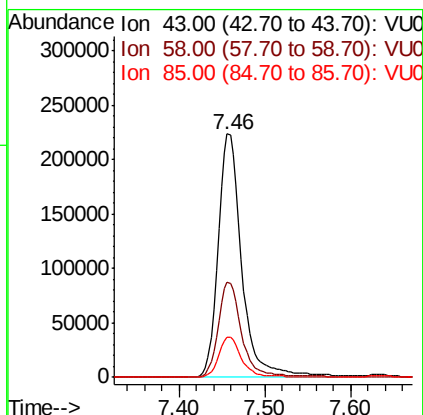
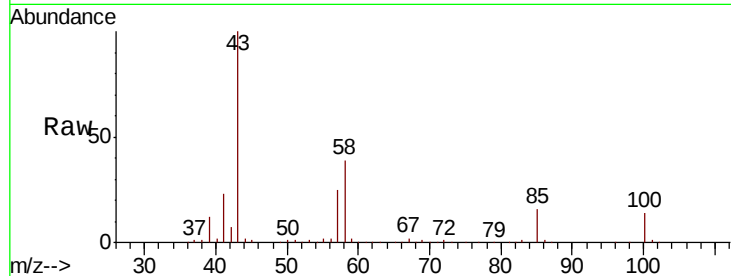




#45
4-Methyl-2-Pentanone
Concen: 58.235 ug/l
RT: 7.46 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

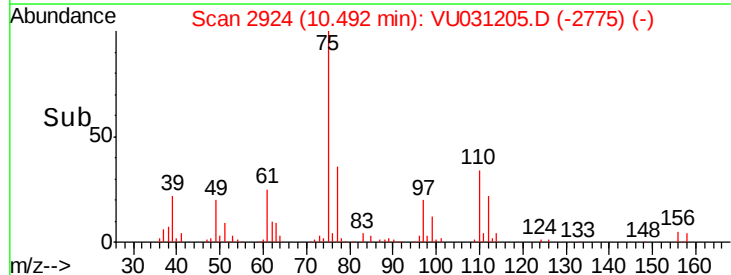
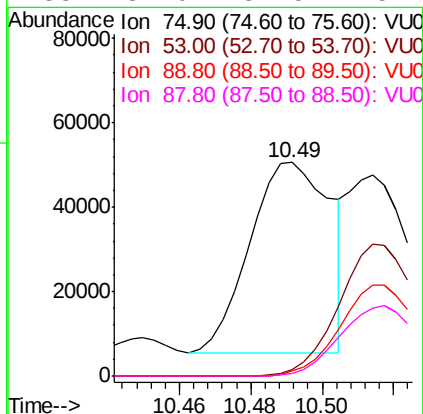
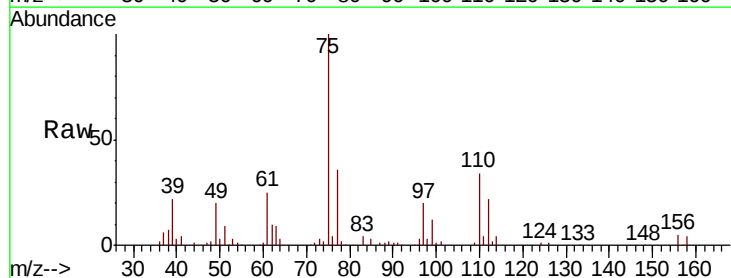
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

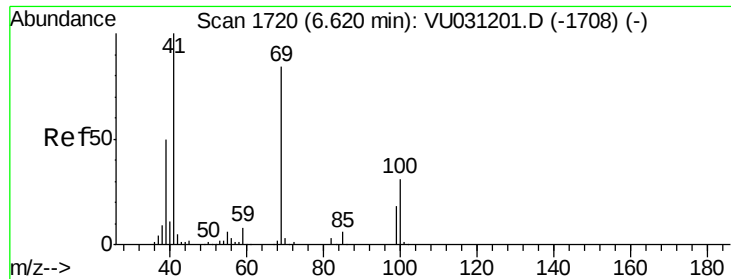
Tgt Ion: 43 Resp: 429276
Ion Ratio Lower Upper
43 100
58 38.5 19.4 58.2
85 16.2 13.2 19.8



#46
t-1,4-Dichloro-2-butene
Concen: 25.165 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 75 Resp: 70707
Ion Ratio Lower Upper
75 100
53 69.4 65.2 97.8
89 47.2 43.0 64.4
88 37.0 32.5 48.7

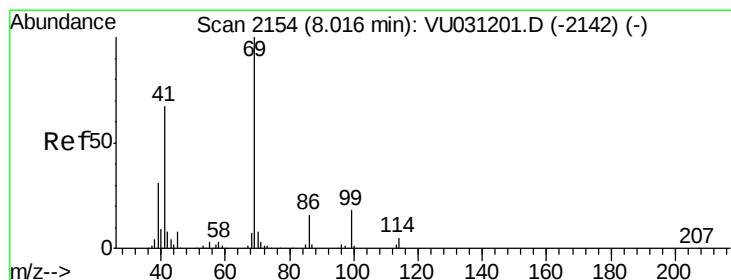
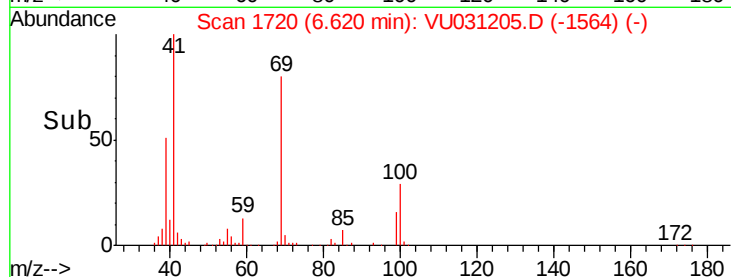
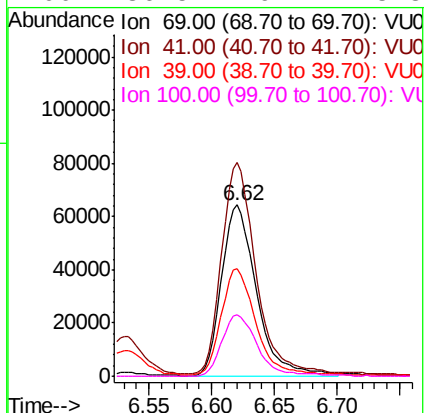
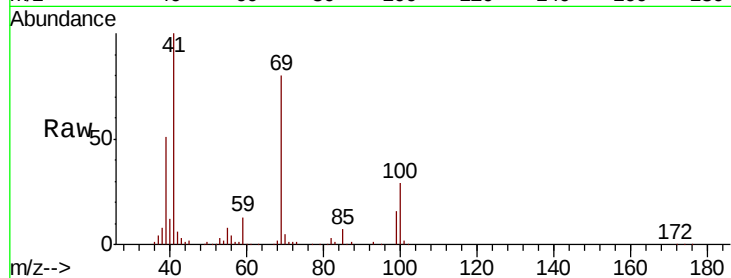




#47
Methyl methacrylate
Concen: 23.762 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

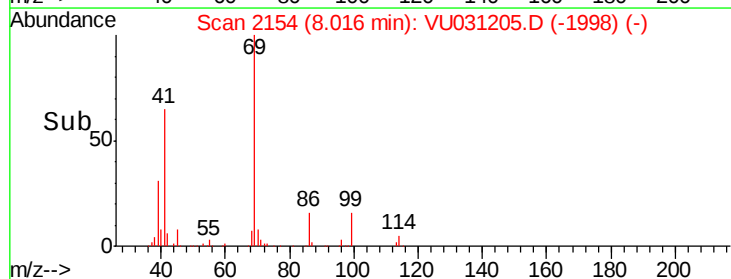
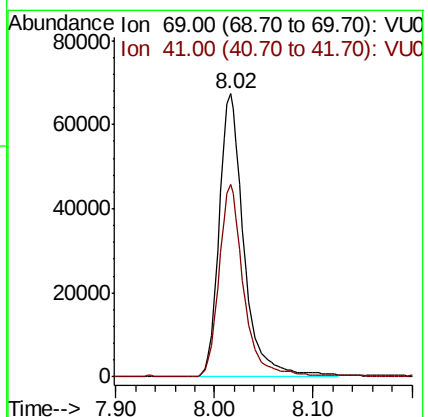
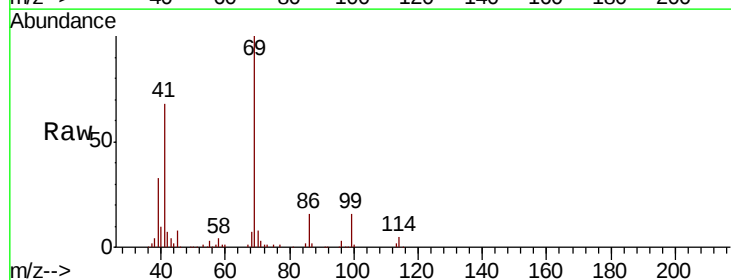
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

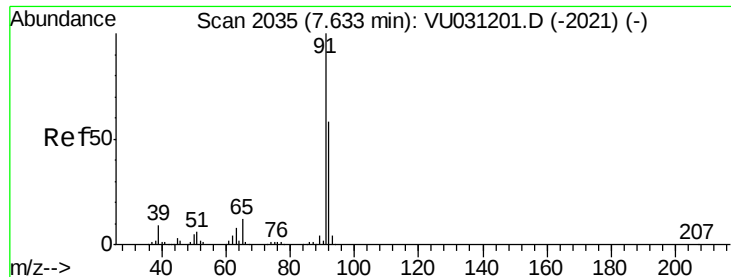
Tgt Ion: 69 Resp: 125310
Ion Ratio Lower Upper
69 100
41 121.7 0.0 237.2
39 61.1 47.4 71.2
100 36.5 29.2 43.8



#48
Ethyl methacrylate
Concen: 10.347 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 69 Resp: 118709
Ion Ratio Lower Upper
69 100
41 67.4 32.5 97.5





#49

Toluene

Concen: 11.643 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

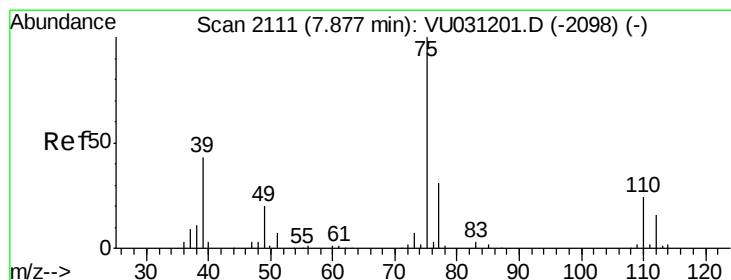
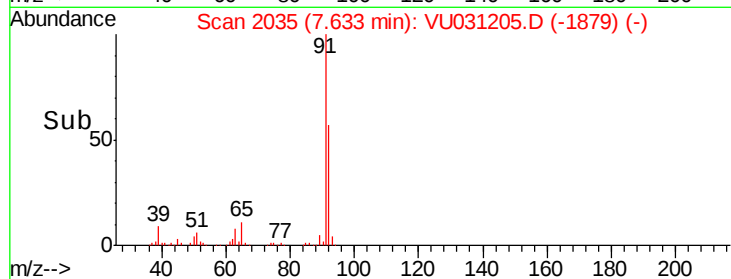
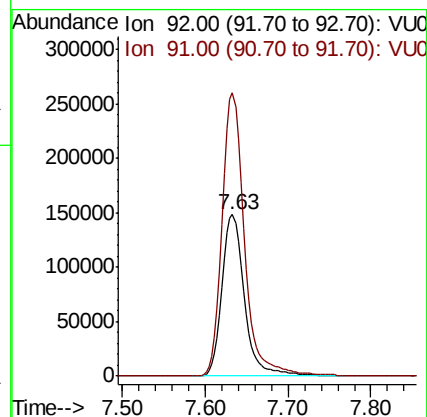
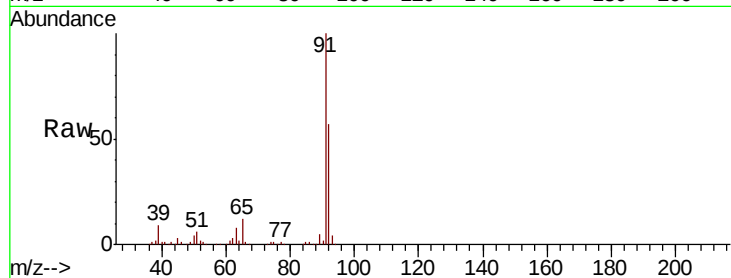
VSTDCCC010

Tgt Ion: 92 Resp: 278709

Ion Ratio Lower Upper

92 100

91 174.8 140.2 210.4



#50

t-1,3-Dichloropropene

Concen: 11.693 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU031205.D

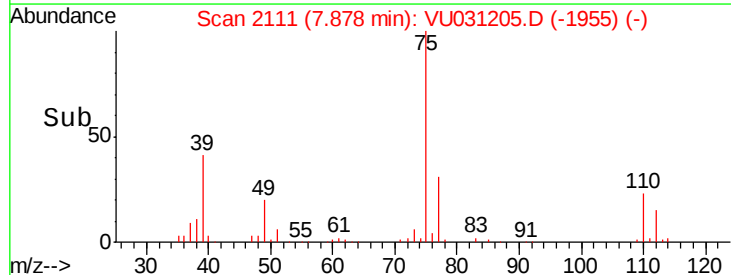
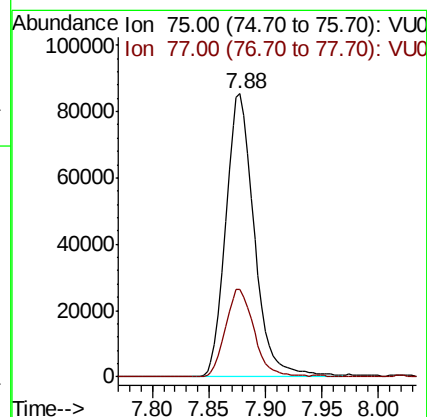
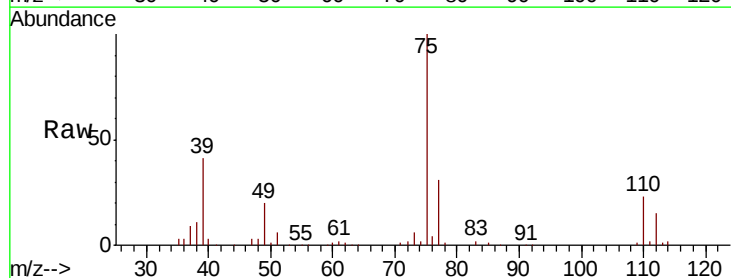
Acq: 16 Apr 2019 09:54

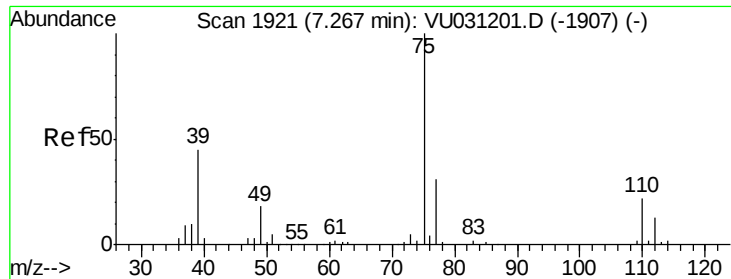
Tgt Ion: 75 Resp: 150146

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0



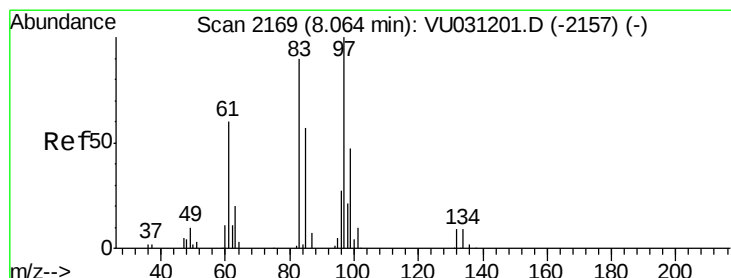
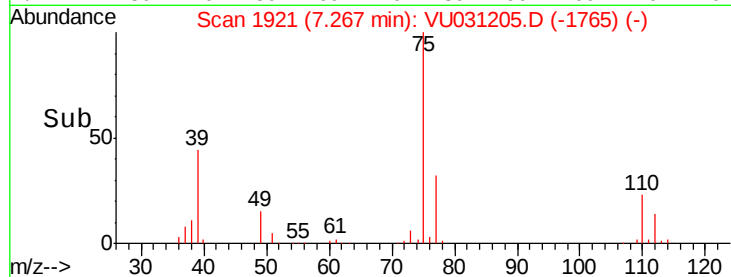
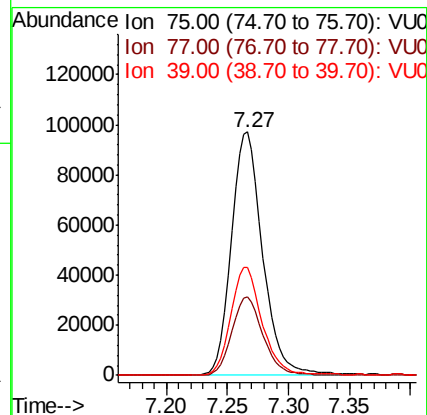
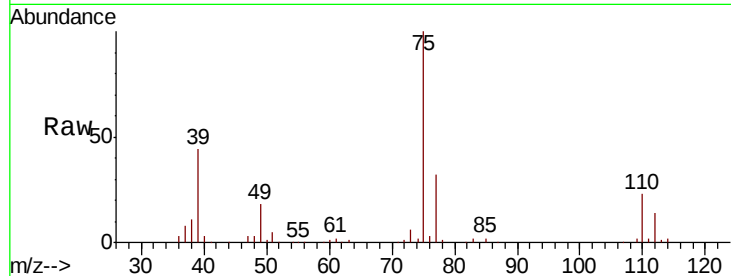


#51

cis-1,3-Dichloropropene
Concen: 11.480 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

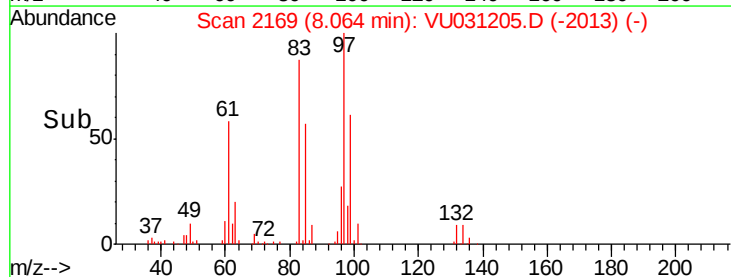
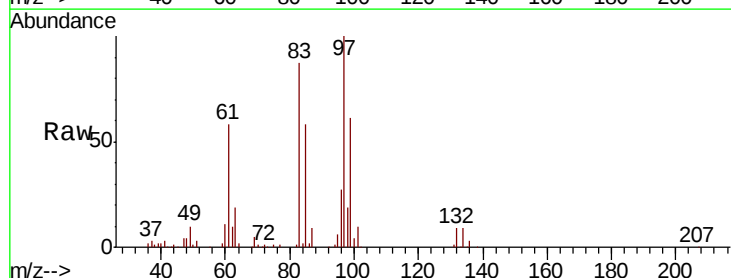
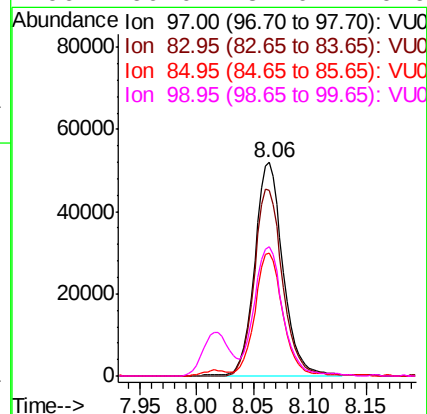
Tgt Ion: 75 Resp: 174291
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0
39 44.4 36.1 54.1

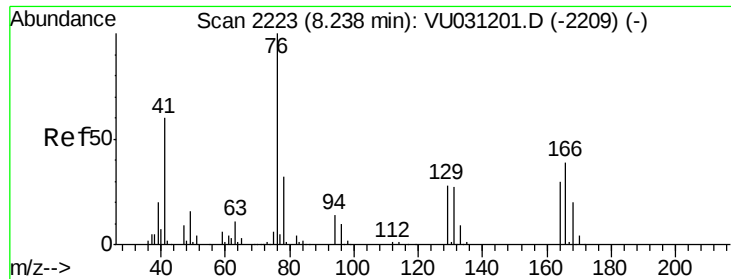


#52

1,1,2-Trichloroethane
Concen: 10.720 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 97 Resp: 90389
Ion Ratio Lower Upper
97 100
83 86.7 71.5 107.3
85 57.2 46.7 70.1
99 60.0 51.0 76.6

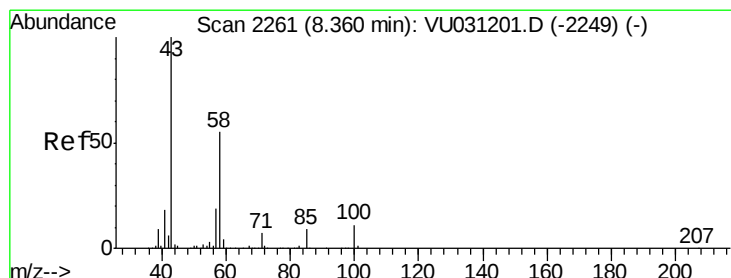
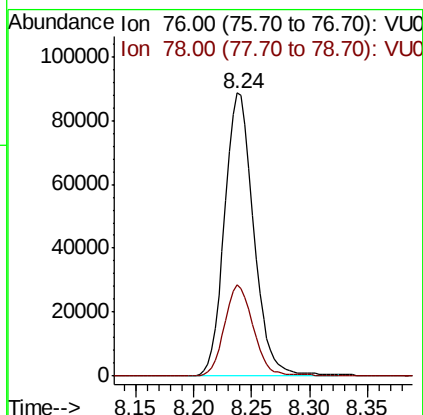
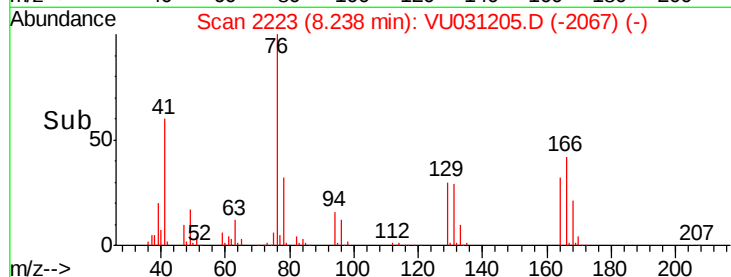
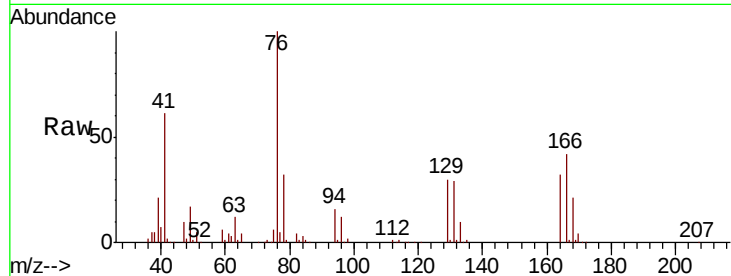




#53
 1,3-Dichloropropane
 Concen: 10.749 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

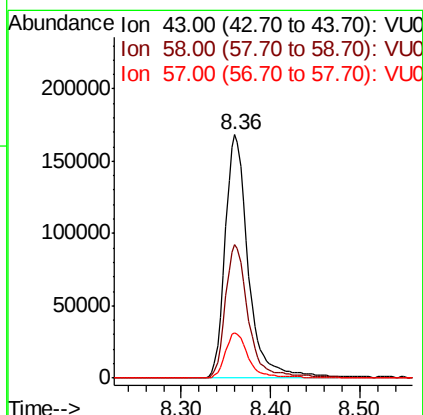
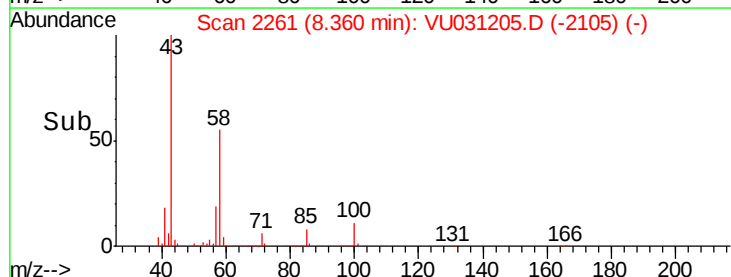
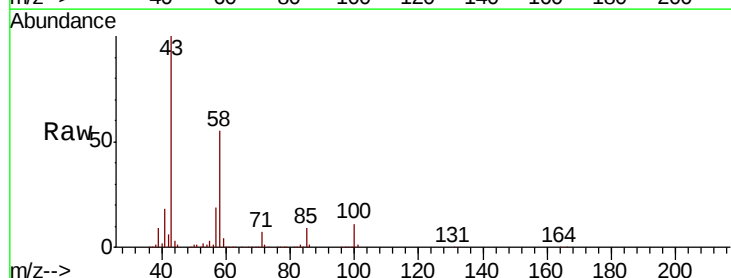
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

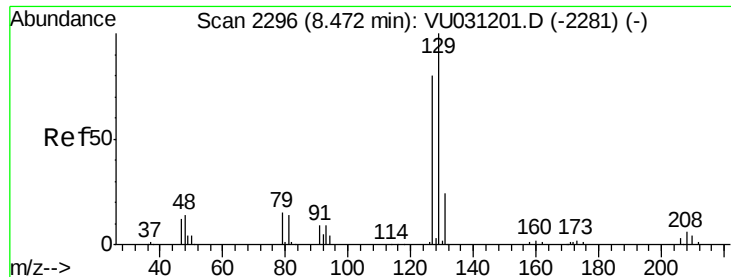
Tgt Ion: 76 Resp: 153858
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9



#54
 2-Hexanone
 Concen: 61.078 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 43 Resp: 303852
 Ion Ratio Lower Upper
 43 100
 58 54.8 35.5 75.5
 57 18.7 0.0 38.7

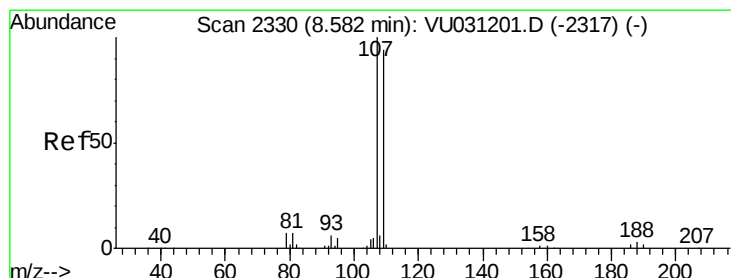
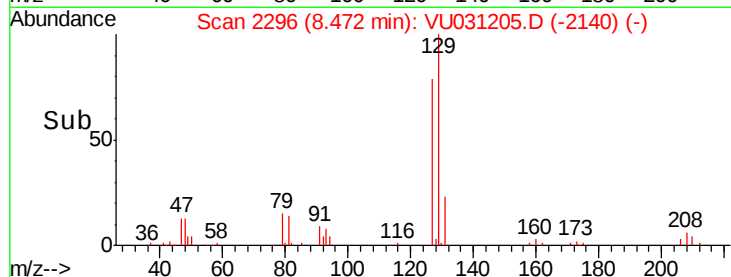
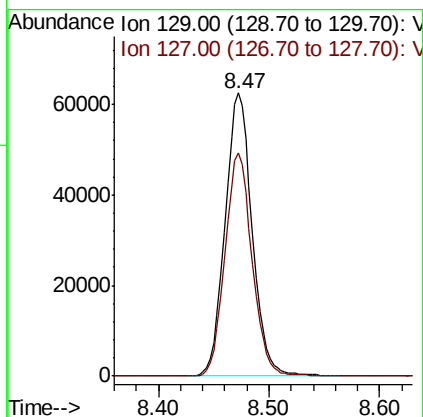
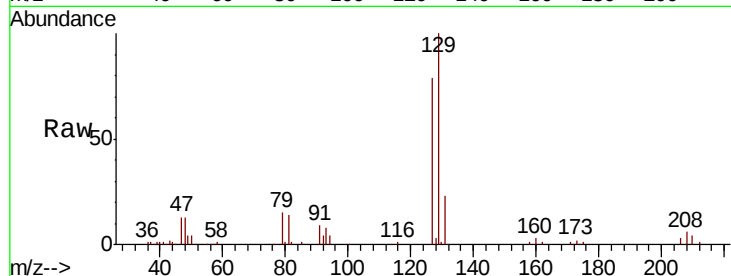




#55
 Dibromochloromethane
 Concen: 10.655 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

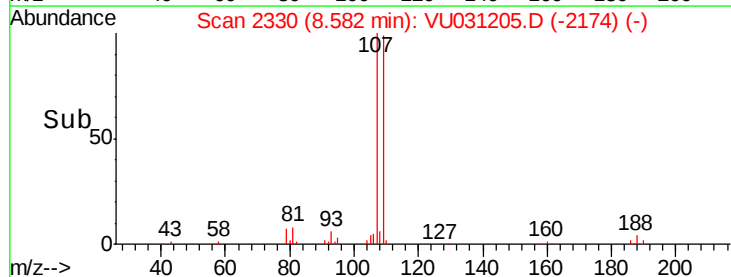
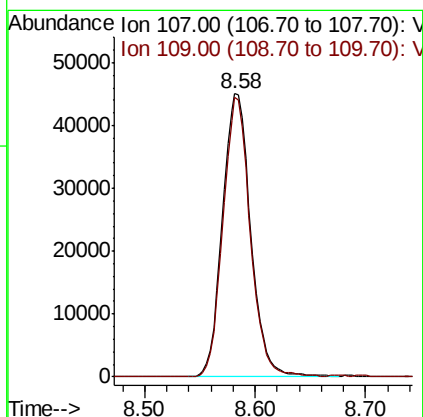
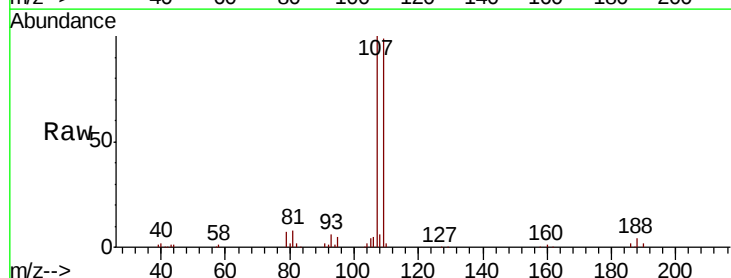
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

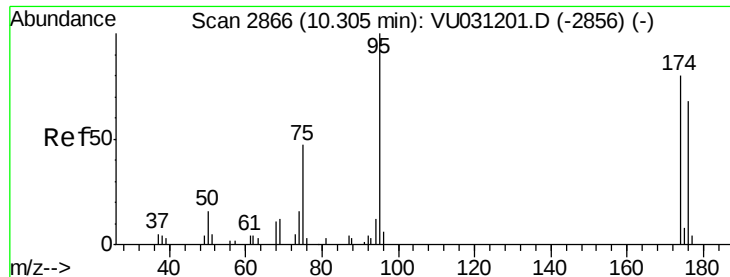
Tgt Ion:129 Resp: 106495
 Ion Ratio Lower Upper
 129 100
 127 78.8 62.2 93.2



#56
 1,2-Dibromoethane
 Concen: 10.254 ug/l
 RT: 8.58 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion:107 Resp: 80352
 Ion Ratio Lower Upper
 107 100
 109 95.1 0.0 189.0

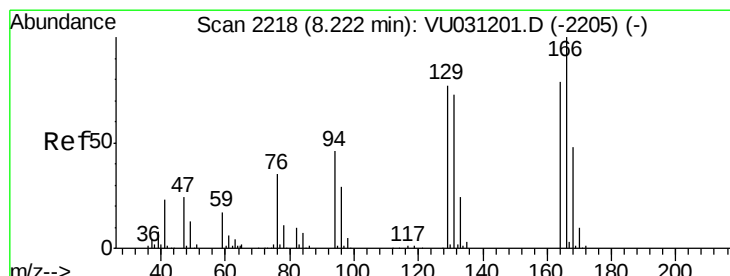
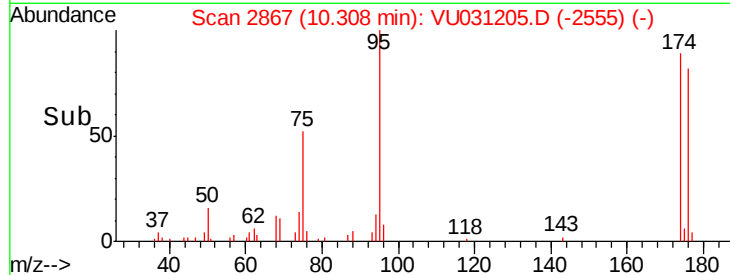
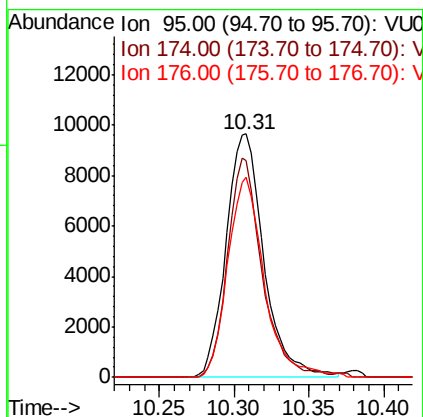
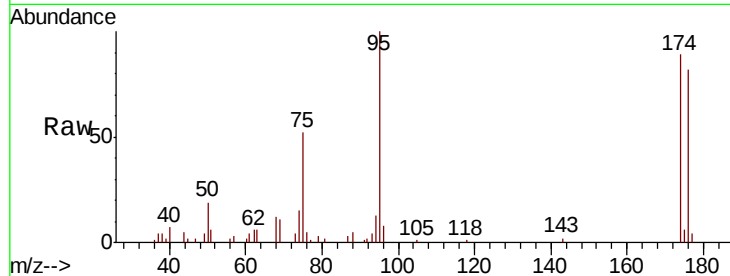




#57
4-Bromofluorobenzene
Concen: 10.254 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

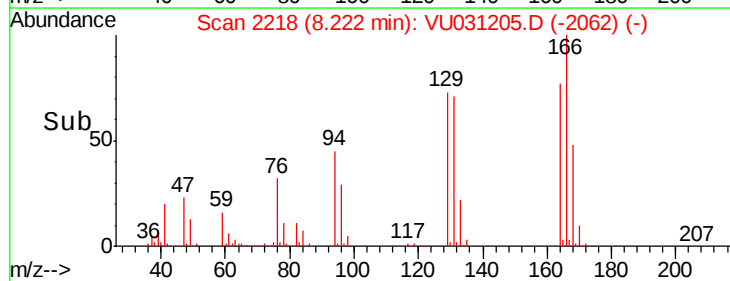
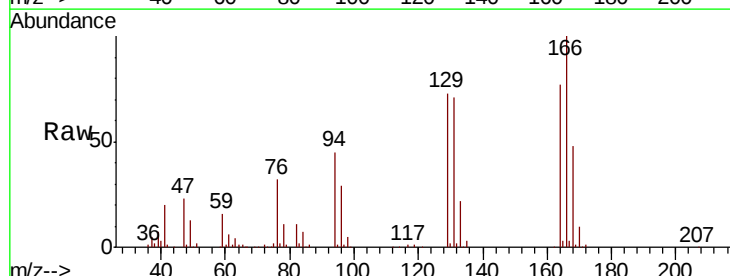
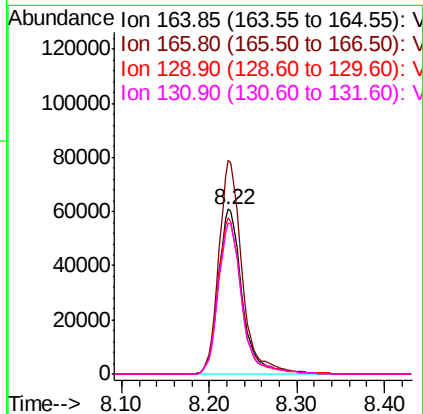
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MSVOA_U
ClientSampleId :
VSTDCCC010

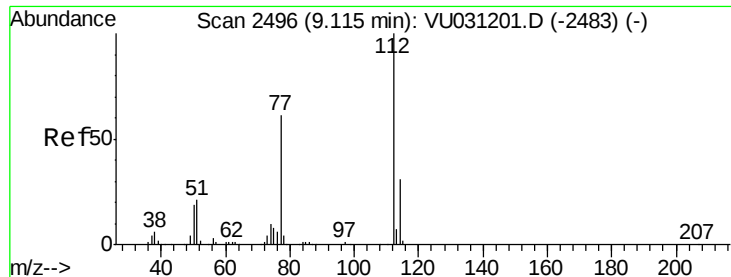
Tgt Ion: 95 Resp: 17025
Ion Ratio Lower Upper
95 100
174 82.3 64.2 96.2
176 79.5 58.0 87.0



#58
Tetrachloroethene
Concen: 11.042 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 164 Resp: 114823
Ion Ratio Lower Upper
164 100
166 129.6 100.9 151.3
129 94.8 77.6 116.4
131 91.8 73.5 110.3





#59

Chlorobenzene

Concen: 11.119 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

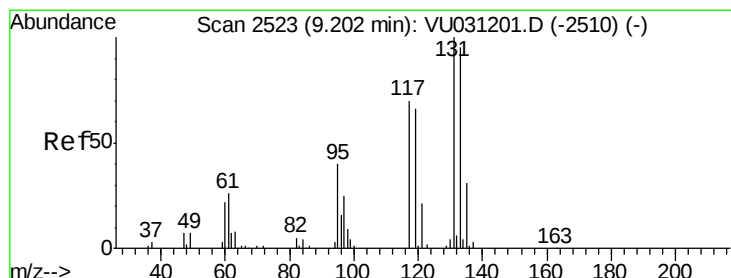
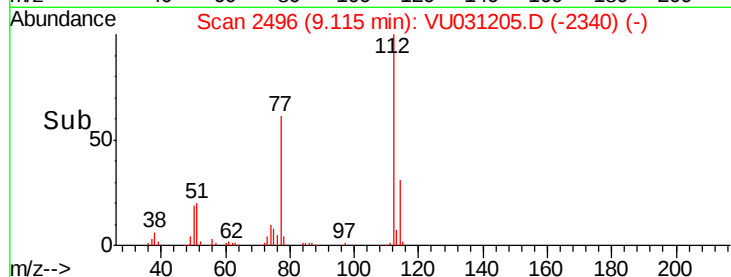
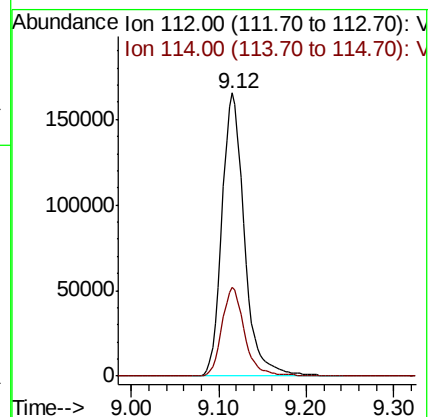
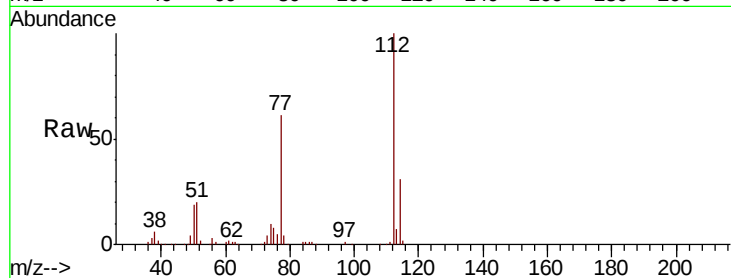
VSTDCCC010

Tgt Ion:112 Resp: 295606

Ion Ratio Lower Upper

112 100

114 31.3 24.4 36.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.680 ug/l

RT: 9.20 min Scan# 2523

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

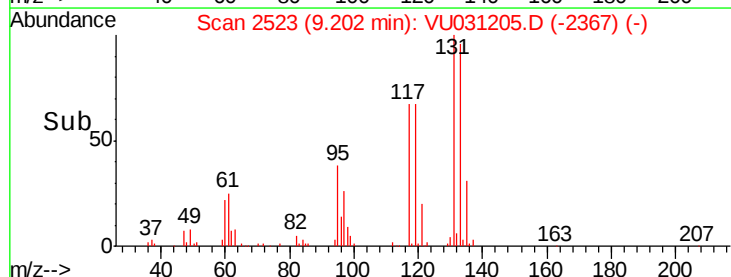
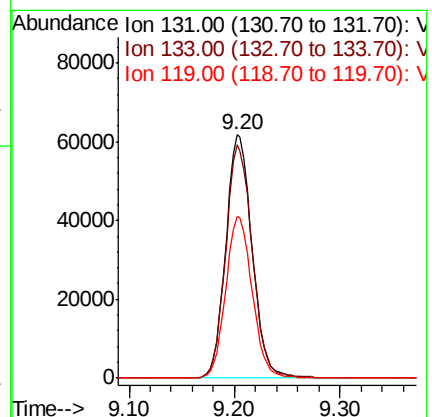
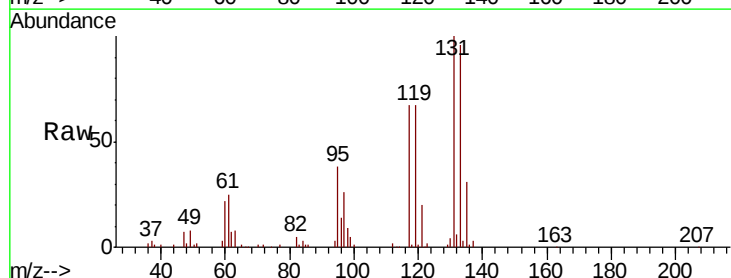
Tgt Ion:131 Resp: 106416

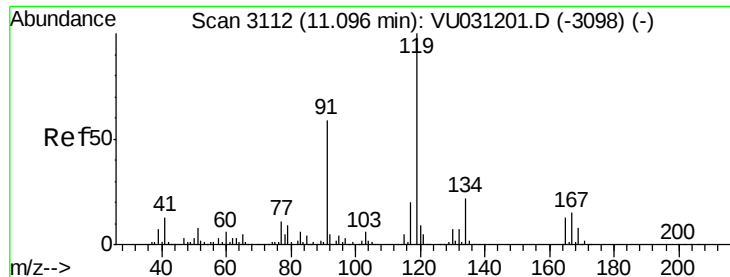
Ion Ratio Lower Upper

131 100

133 97.2 77.2 115.8

119 67.0 51.4 77.2





#61

Pentachloroethane

Concen: 10.225 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

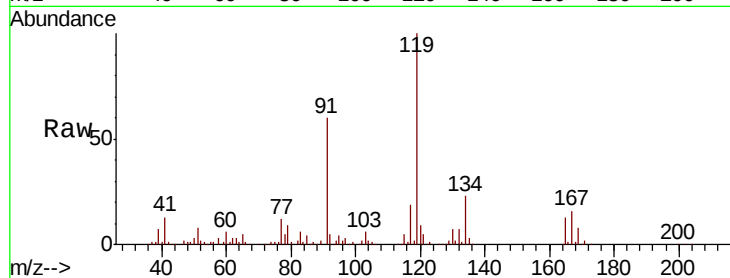
VSTDCCC010

Tgt Ion:117 Resp: 79280

Ion Ratio Lower Upper

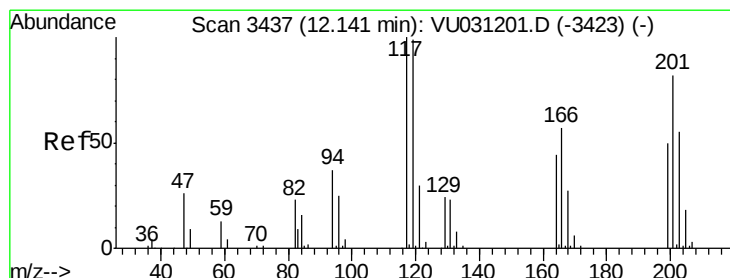
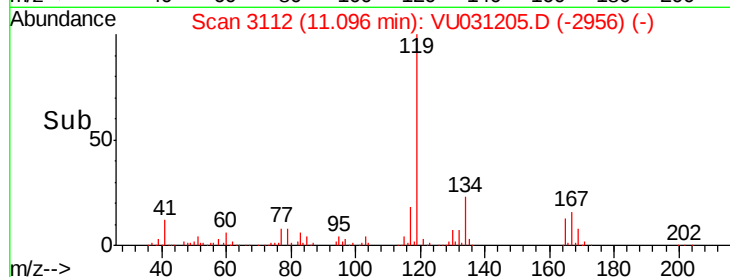
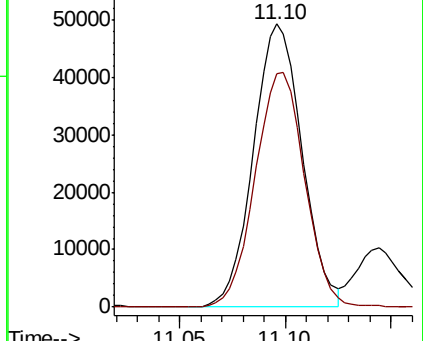
117 100

167 84.2 63.1 94.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.831 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031205.D

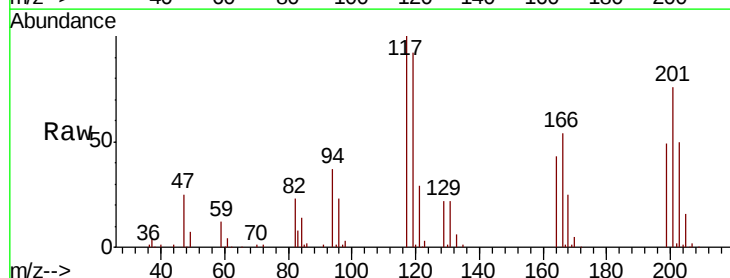
Acq: 16 Apr 2019 09:54

Tgt Ion:117 Resp: 81171

Ion Ratio Lower Upper

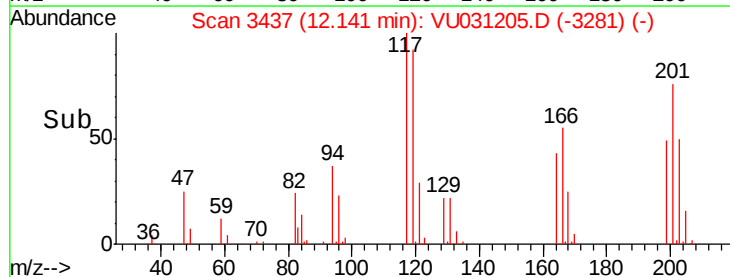
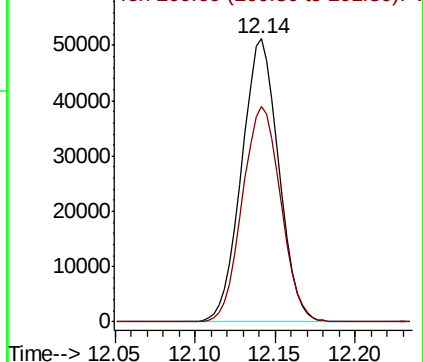
117 100

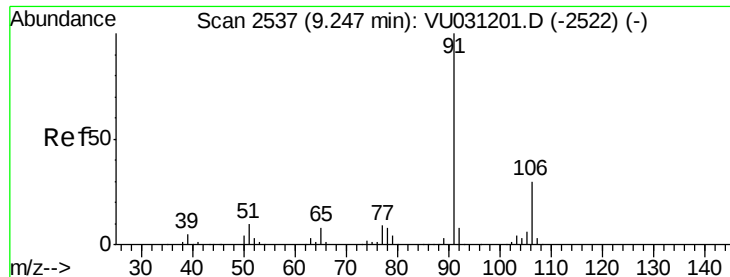
201 78.9 63.9 95.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

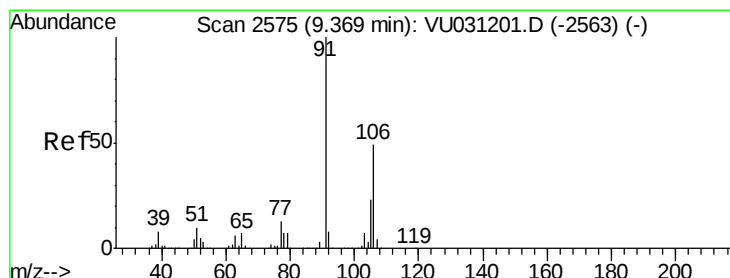
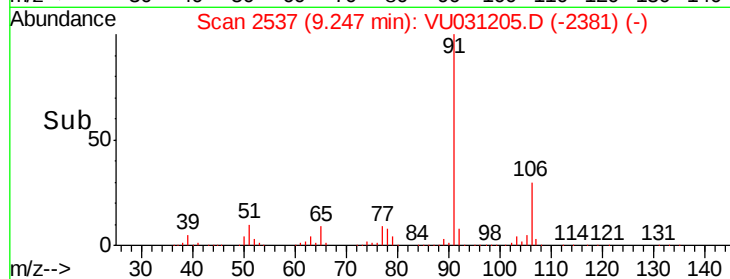
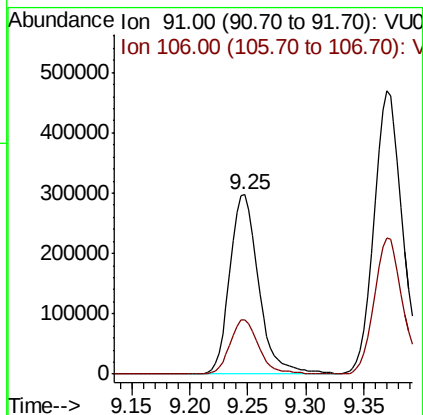
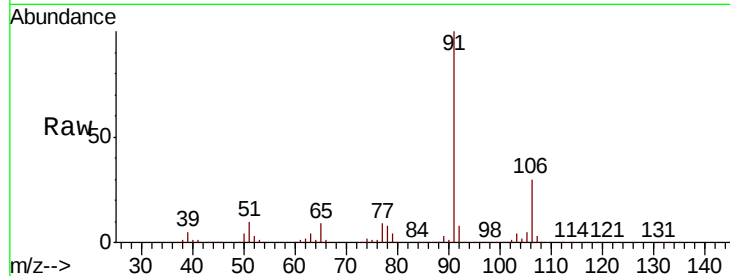




#63
Ethyl Benzene
Concen: 12.159 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

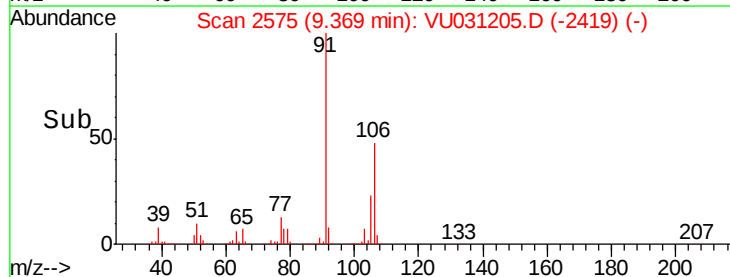
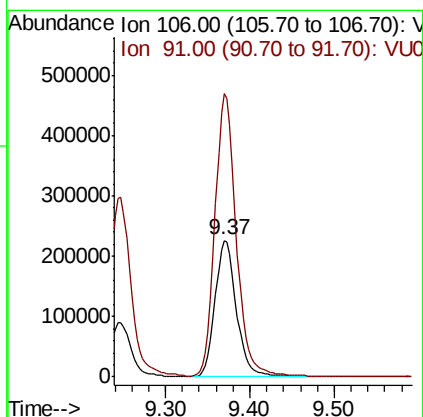
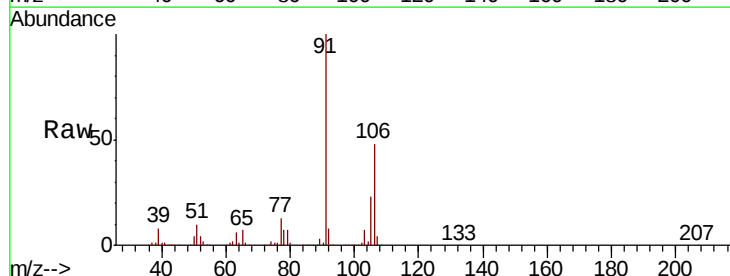
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

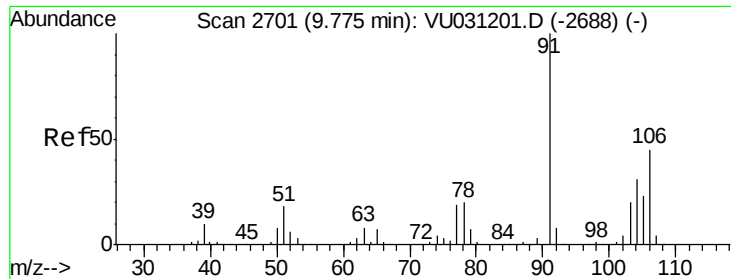
Tgt Ion: 91 Resp: 515759
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#64
m/p-Xylenes
Concen: 24.728 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion: 106 Resp: 399374
Ion Ratio Lower Upper
106 100
91 205.9 165.7 248.5

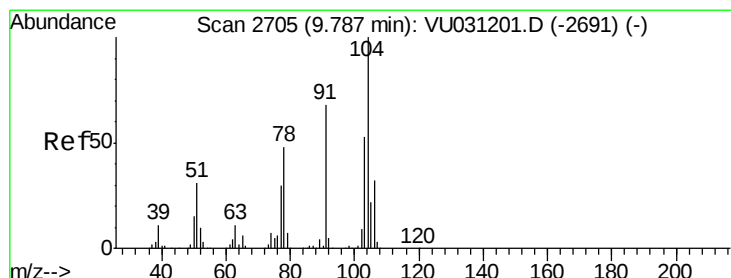
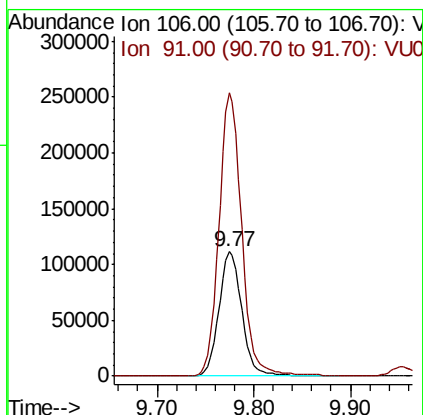
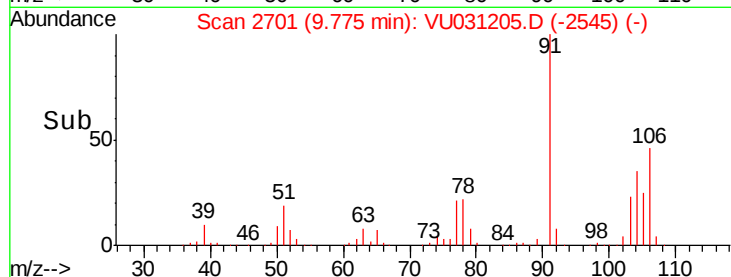
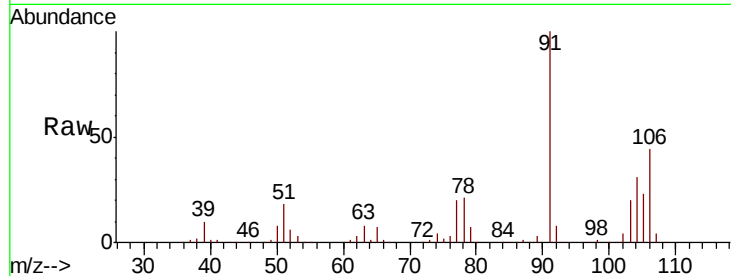




#65
o-Xylene
Concen: 11.929 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

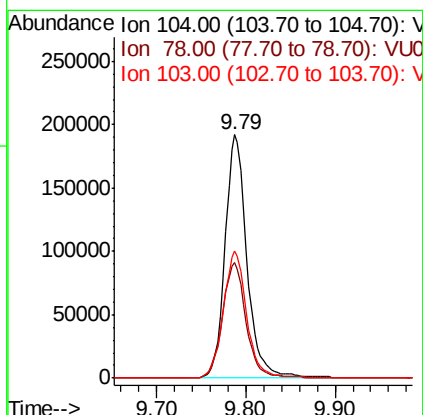
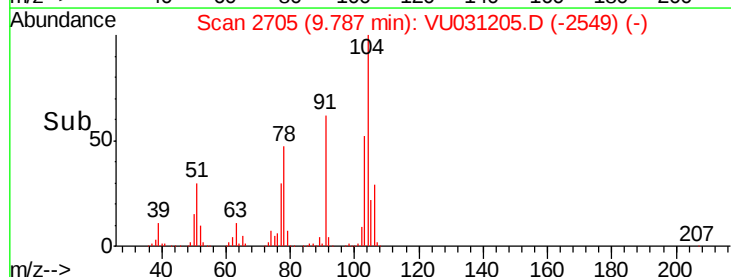
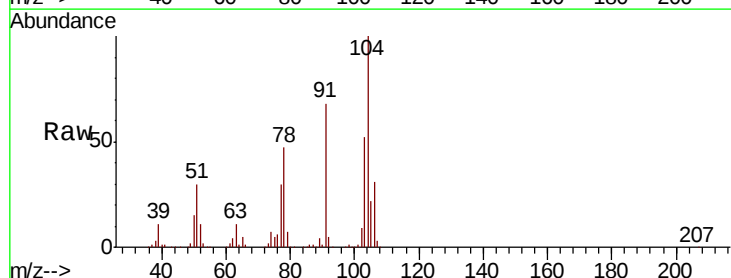
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

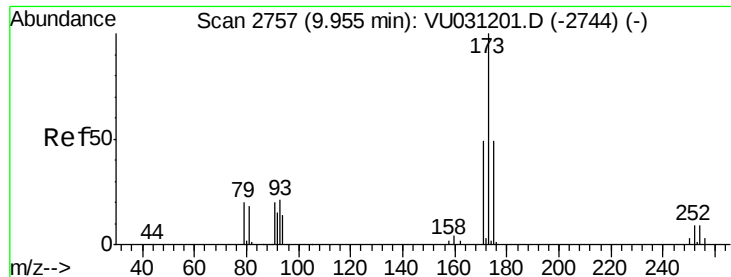
Tgt Ion:106 Resp: 184406
Ion Ratio Lower Upper
106 100
91 224.1 111.3 333.8



#66
Styrene
Concen: 10.486 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU031205.D
Acq: 16 Apr 2019 09:54

Tgt Ion:104 Resp: 326925
Ion Ratio Lower Upper
104 100
78 51.1 41.4 62.0
103 55.7 45.0 67.4





#67

Bromoform

Concen: 11.090 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

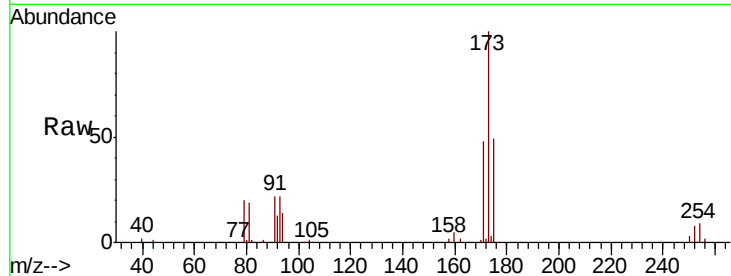
Tgt Ion:173 Resp: 63954

Ion Ratio Lower Upper

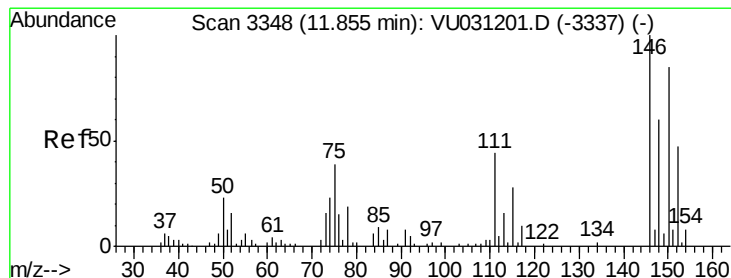
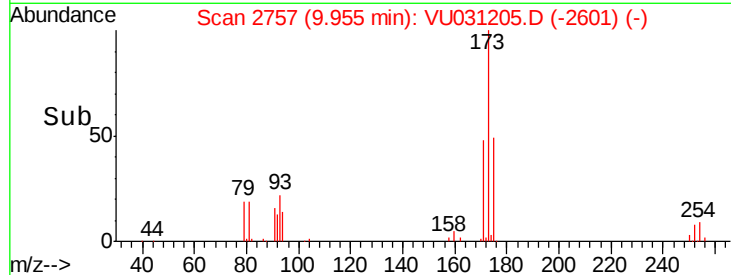
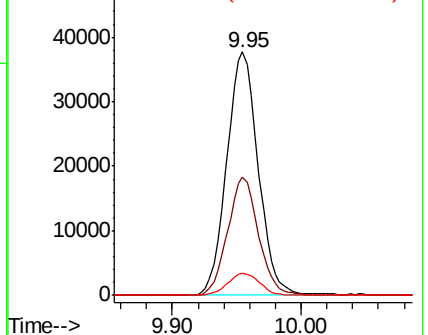
173 100

175 47.5 38.0 57.0

254 9.1 7.1 10.7



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 11.090 ug/l

RT: 11.85 min Scan# 3348

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

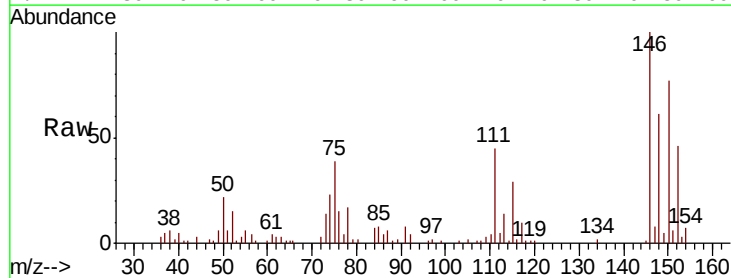
Tgt Ion:152 Resp: 14338

Ion Ratio Lower Upper

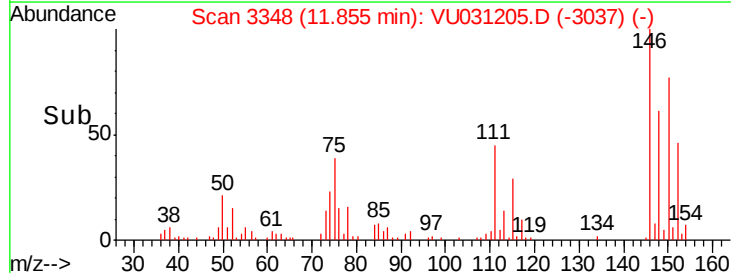
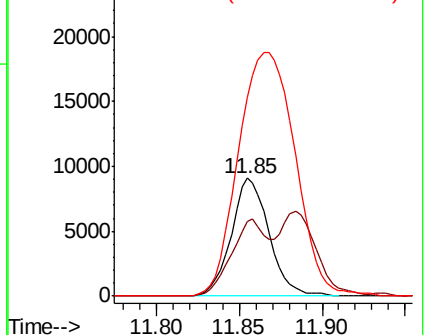
152 100

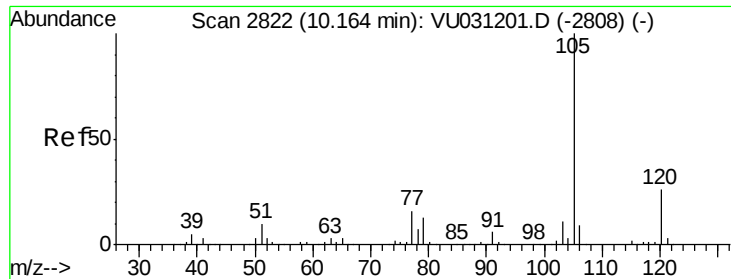
115 59.7 0.0 130.0

150 312.2 0.0 639.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 12.062 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

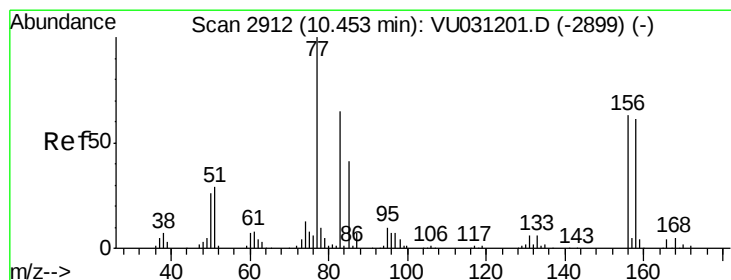
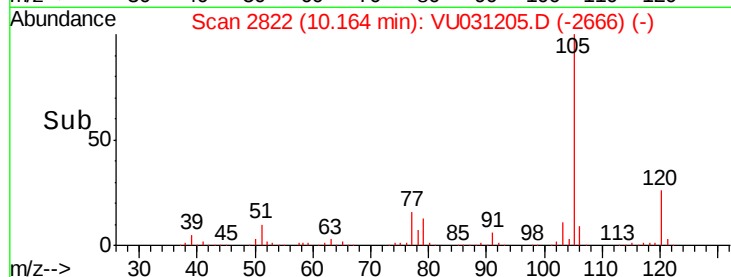
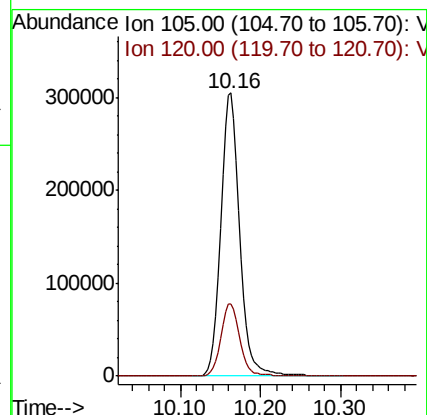
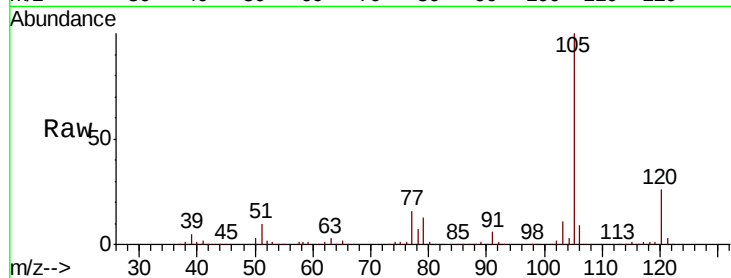
VSTDCCC010

Tgt Ion:105 Resp: 499822

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#70

1,1,2,2-Tetrachloroethane

Concen: 9.959 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

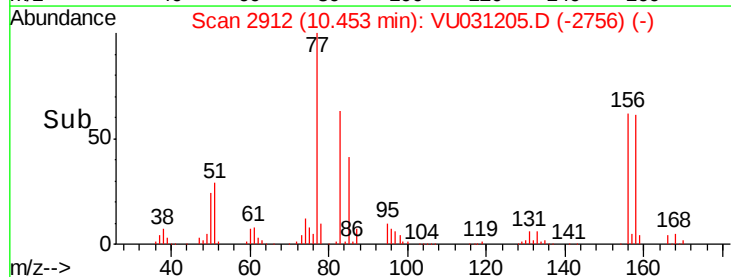
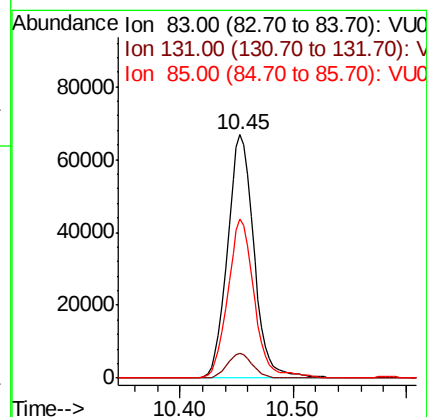
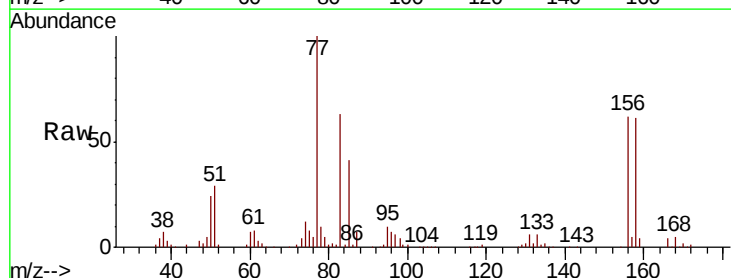
Tgt Ion: 83 Resp: 108919

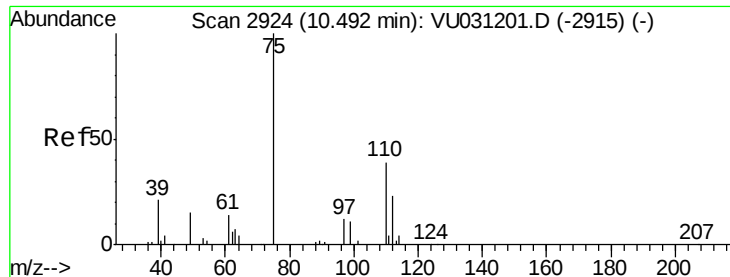
Ion Ratio Lower Upper

83 100

131 9.7 8.0 12.0

85 65.5 51.3 76.9

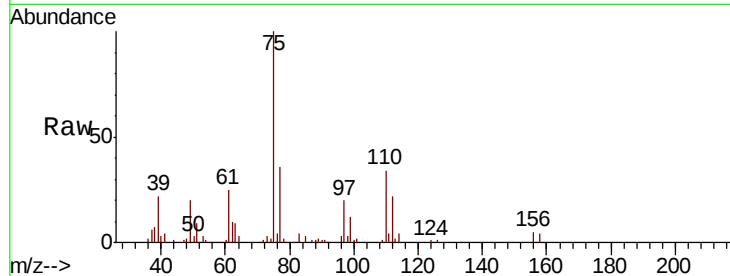




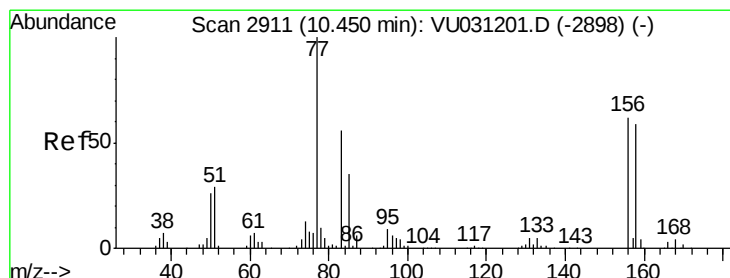
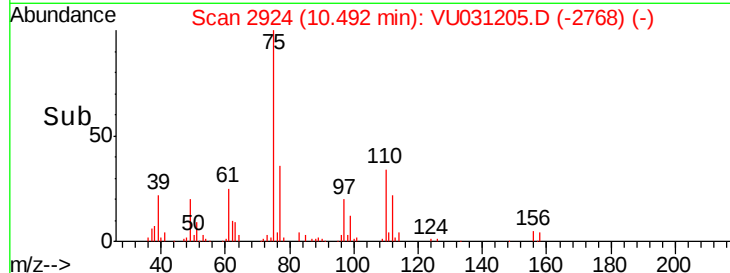
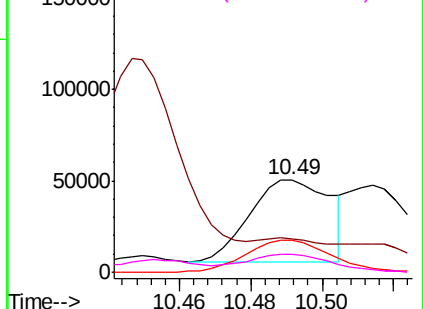
#71
 1,2,3-Trichloropropane
 Concen: 8.942 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	75	Resp:	70707
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	41.0	0.0	71.0
97	23.5	0.0	40.4

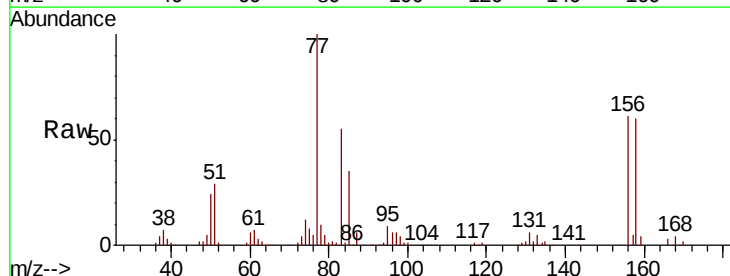


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

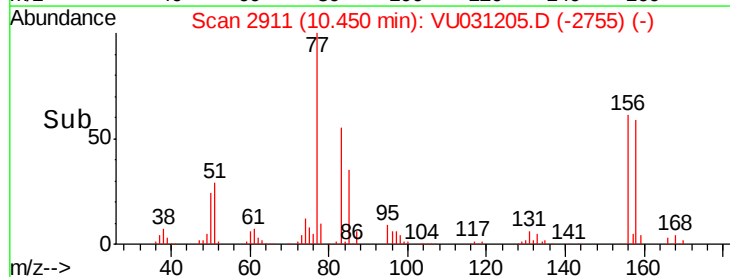
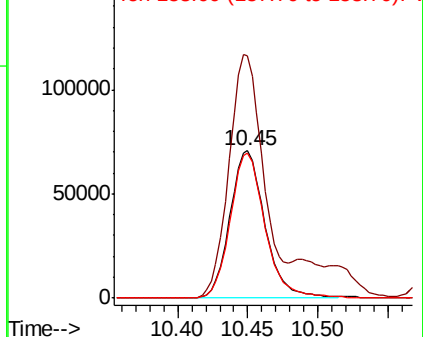


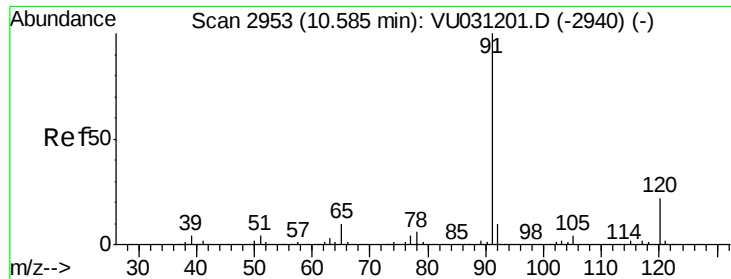
#72
 Bromobenzene
 Concen: 11.211 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion:	156	Resp:	122928
Ion	Ratio	Lower	Upper
156	100		
77	162.4	0.0	322.6
158	97.7	0.0	191.0



Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 12.451 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. -0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

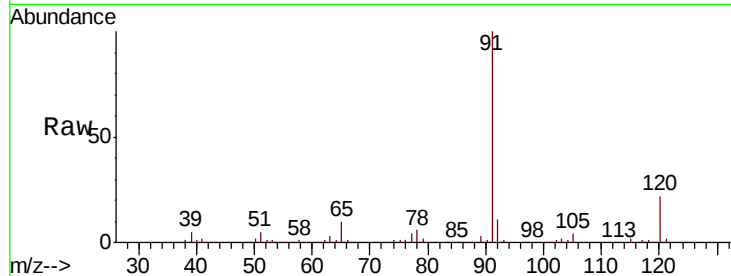
VSTDCCC010

Tgt Ion:120 Resp: 137787

Ion Ratio Lower Upper

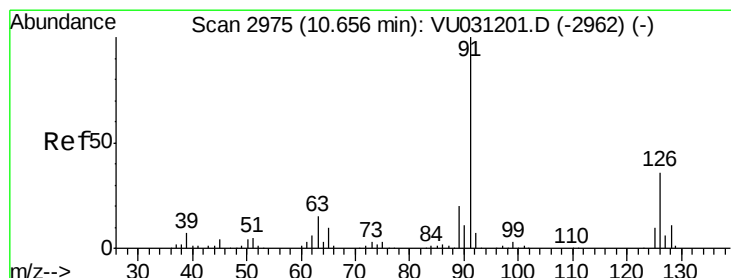
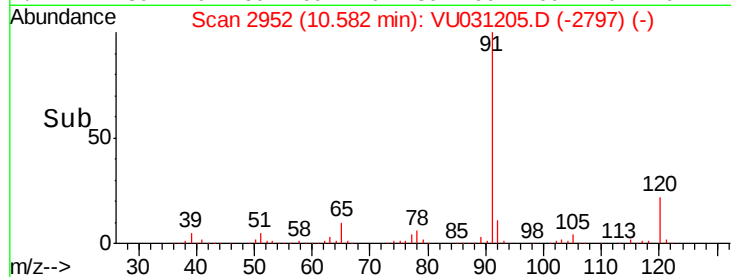
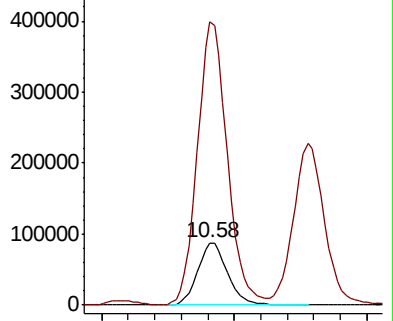
120 100

91 453.4 364.9 547.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.742 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU031205.D

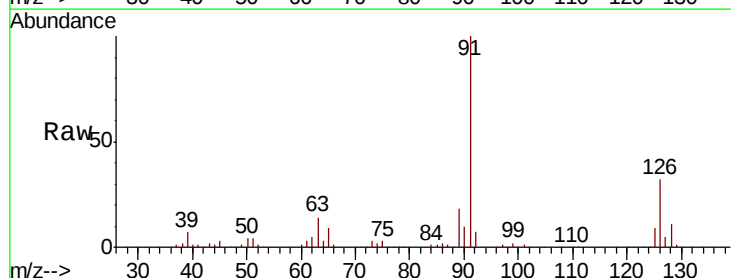
Acq: 16 Apr 2019 09:54

Tgt Ion:126 Resp: 119823

Ion Ratio Lower Upper

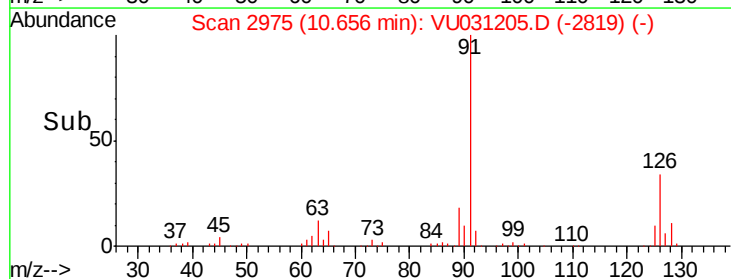
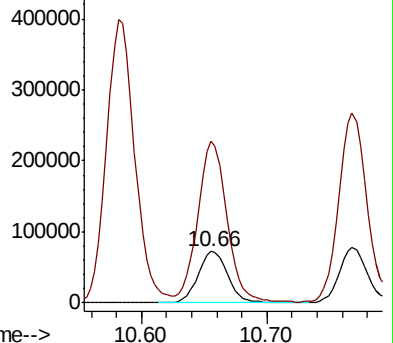
126 100

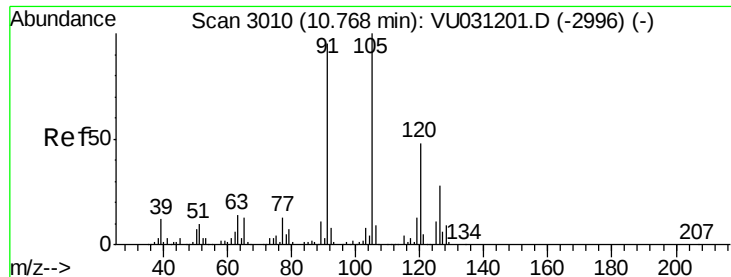
91 307.7 0.0 612.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 12.223 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

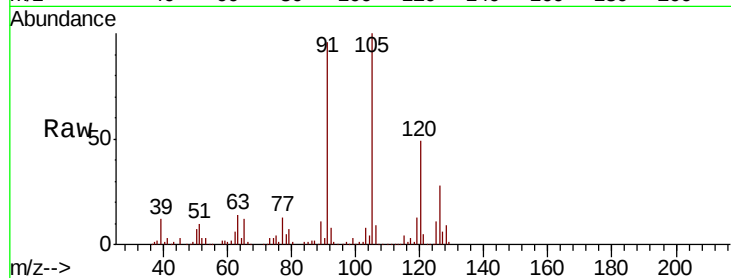
VSTDCCC010

Tgt Ion:105 Resp: 428730

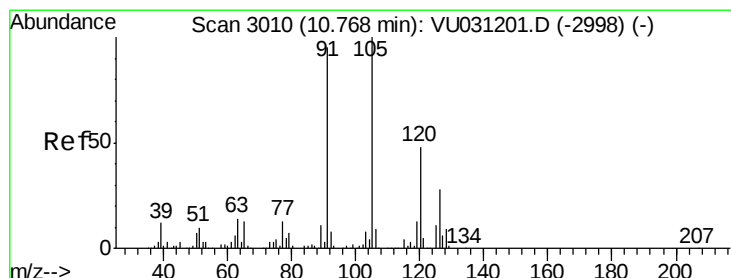
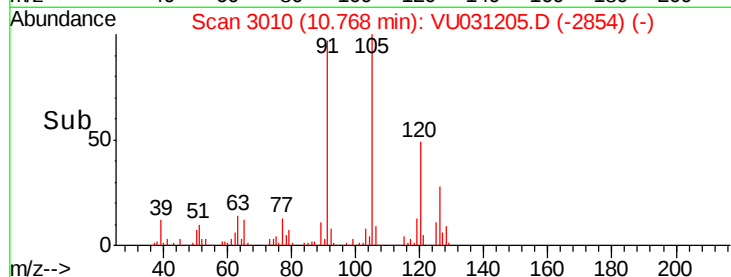
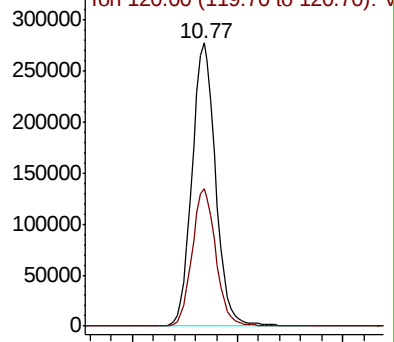
Ion Ratio Lower Upper

105 100

120 48.8 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V



#76

4-Chlorotoluene

Concen: 12.086 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031205.D

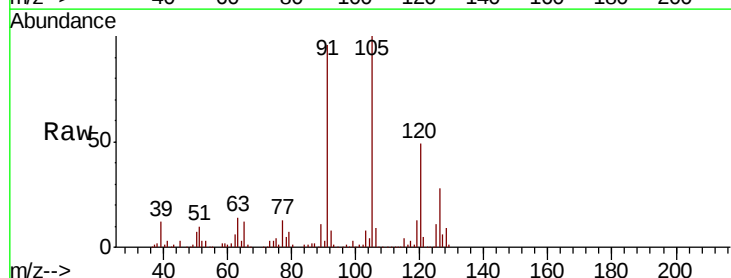
Acq: 16 Apr 2019 09:54

Tgt Ion:126 Resp: 124253

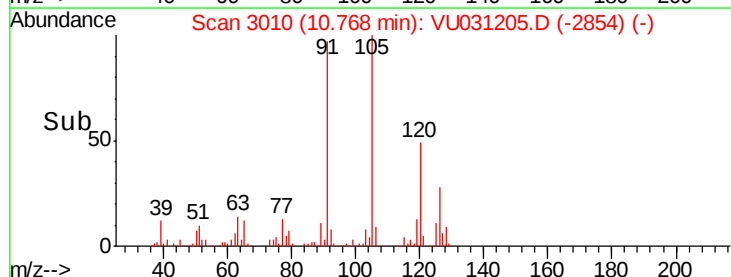
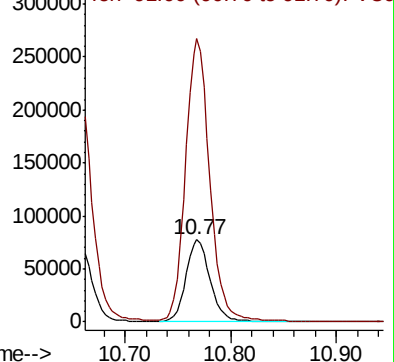
Ion Ratio Lower Upper

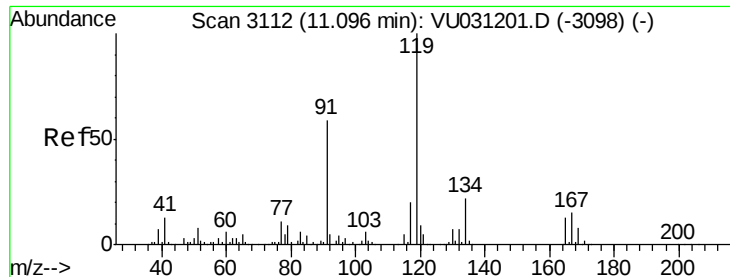
126 100

91 341.9 0.0 683.8



Abundance Ion 126.00 (125.70 to 126.70): V

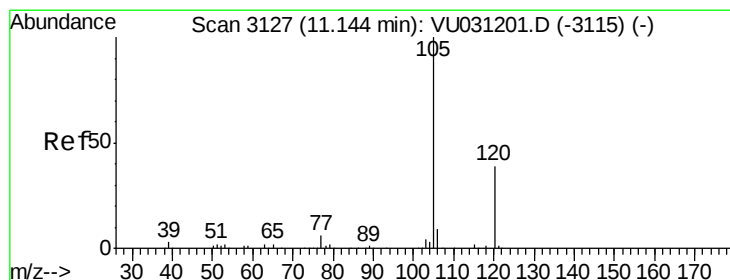
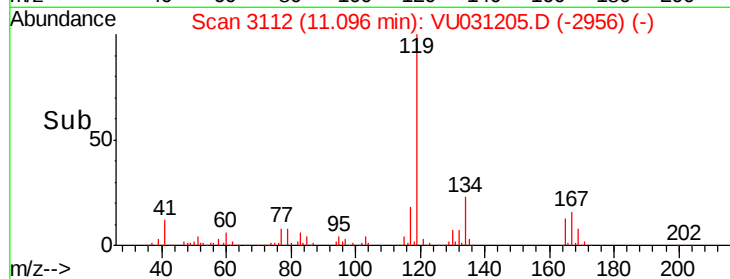
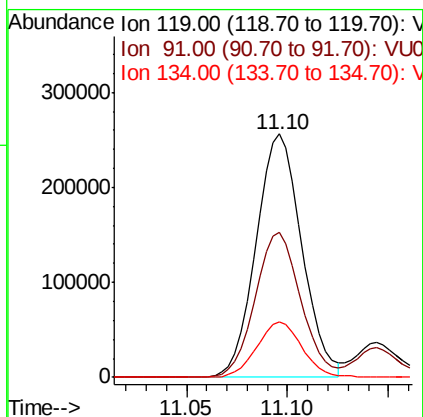
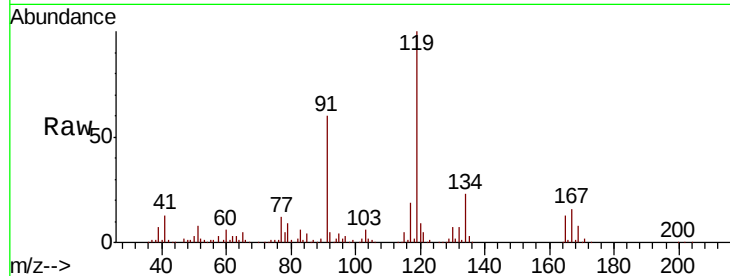




#77
 tert-Butylbenzene
 Concen: 11.818 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

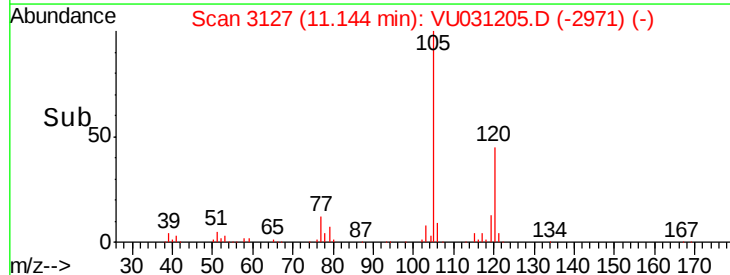
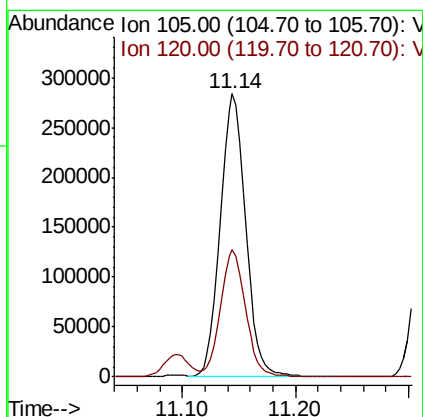
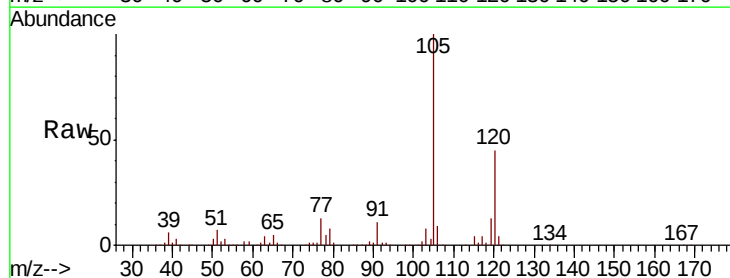
Instrument :
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 ClientSampleId :
 VSTDCCC010

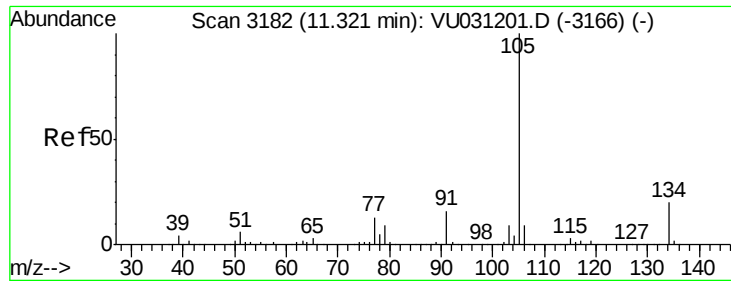
Tgt Ion:119 Resp: 405546
 Ion Ratio Lower Upper
 119 100
 91 59.2 29.4 88.3
 134 22.7 17.9 26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 12.531 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion:105 Resp: 443038
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.0





#79

sec-Butylbenzene

Concen: 12.003 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

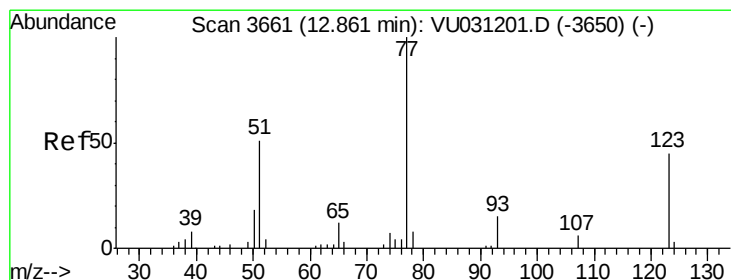
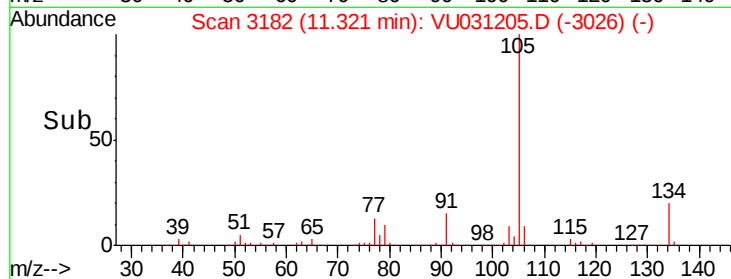
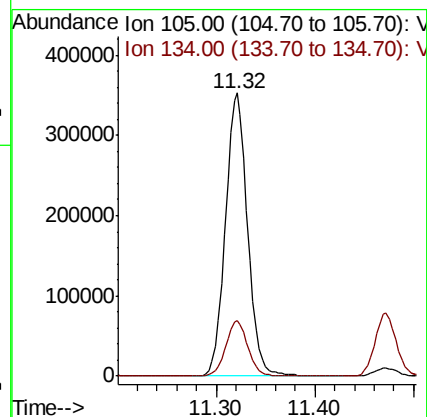
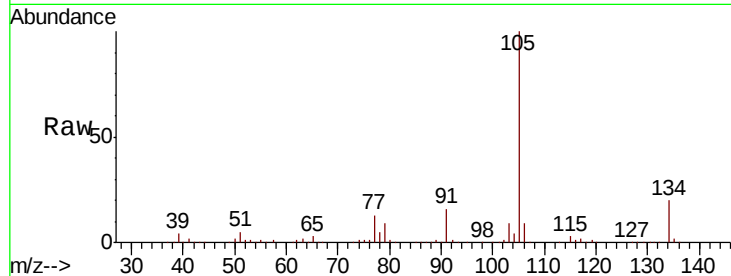
VSTDCCC010

Tgt Ion: 105 Resp: 554178

Ion Ratio Lower Upper

105 100

134 19.6 15.5 23.3



#80

Nitrobenzene

Concen: 49.702 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

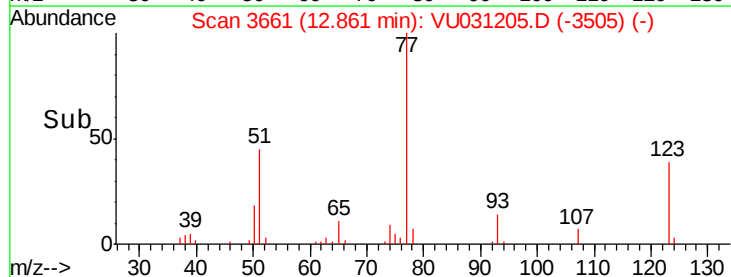
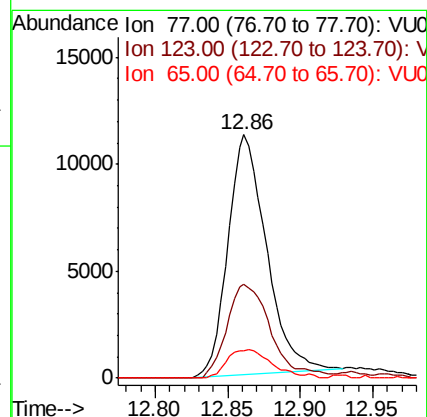
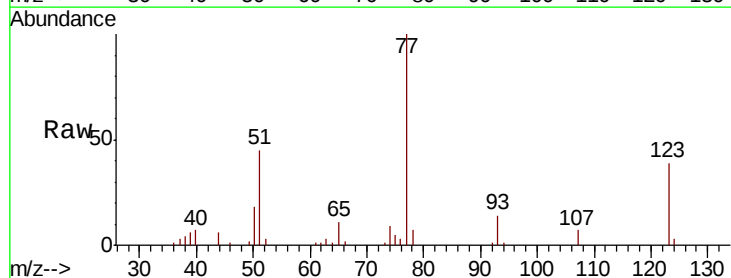
Tgt Ion: 77 Resp: 20788

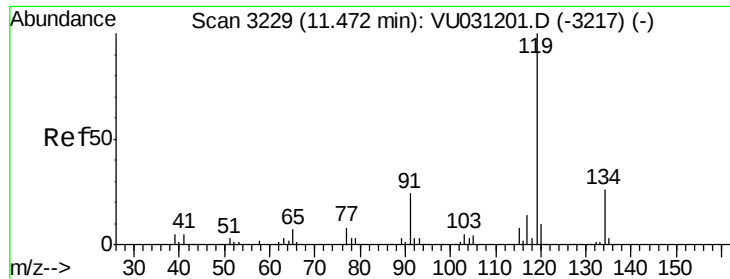
Ion Ratio Lower Upper

77 100

123 42.0 17.1 60.7

65 13.8 9.4 12.0#

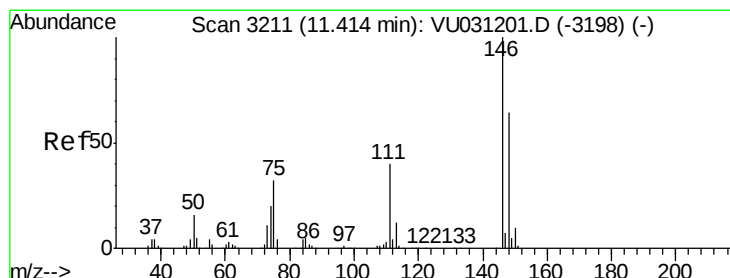
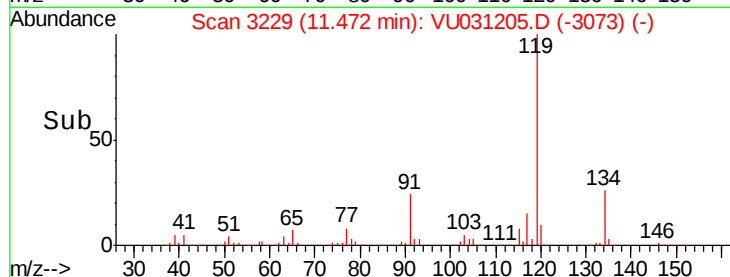
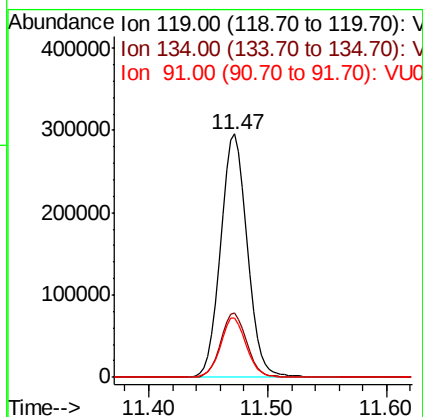
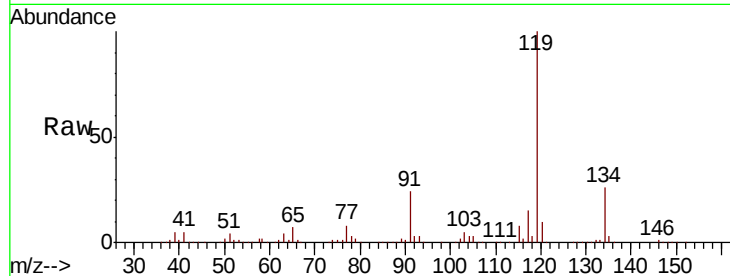




#81
 p-Isopropyltoluene
 Concen: 12.349 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

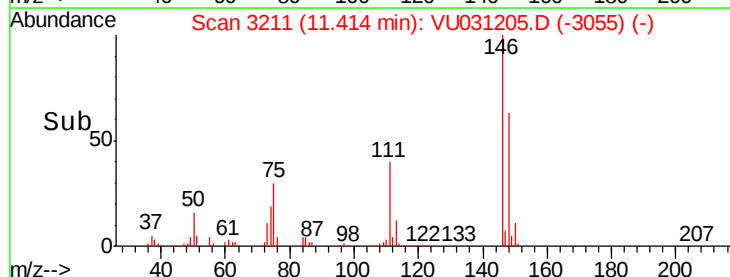
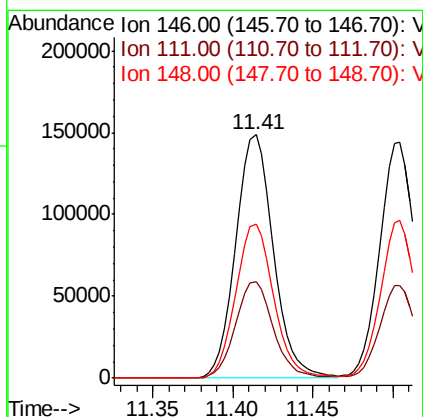
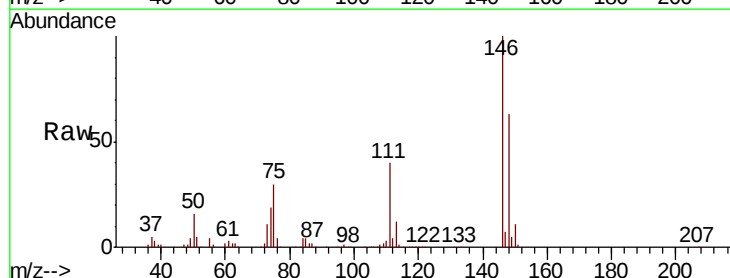
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

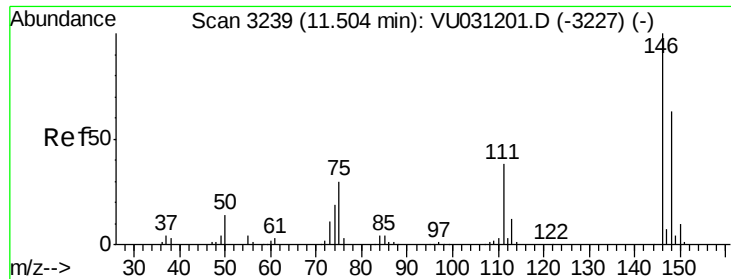
Tgt Ion:119 Resp: 457967
 Ion Ratio Lower Upper
 119 100
 134 26.0 21.0 31.4
 91 23.9 19.4 29.2



#82
 1,3-Dichlorobenzene
 Concen: 11.024 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion:146 Resp: 238752
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.4 48.6
 148 63.7 50.8 76.2

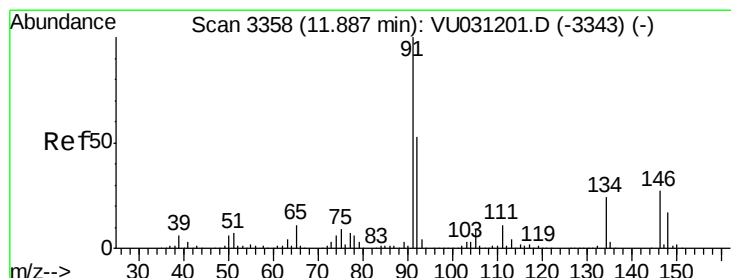
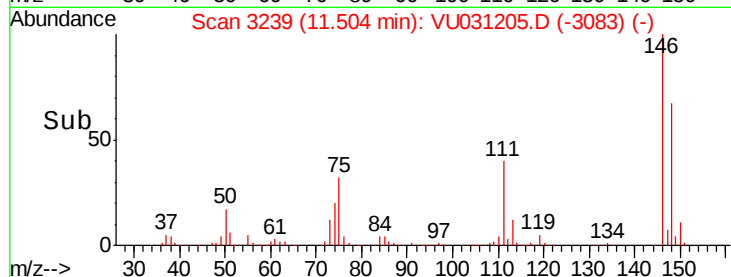
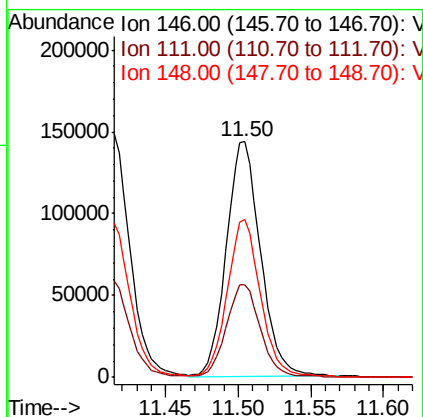
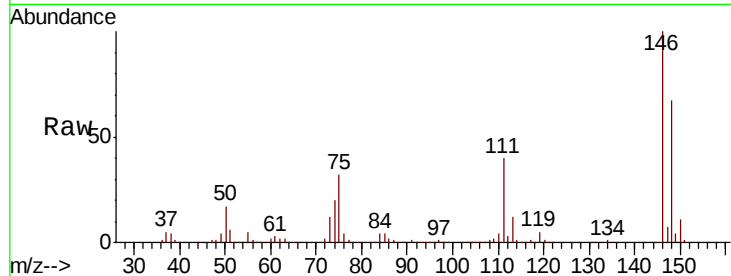




#83
 1,4-Dichlorobenzene
 Concen: 11.175 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

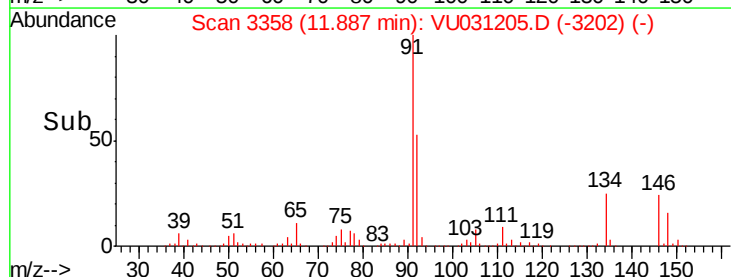
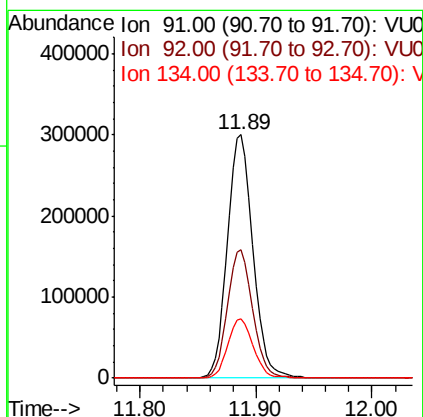
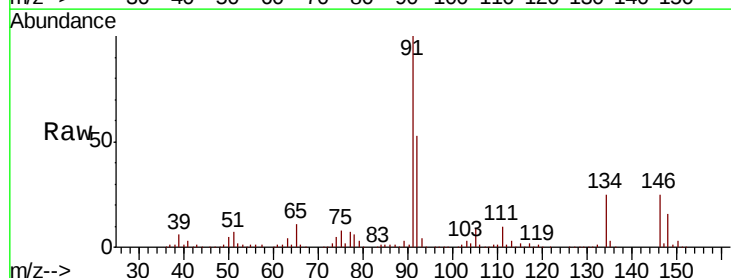
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

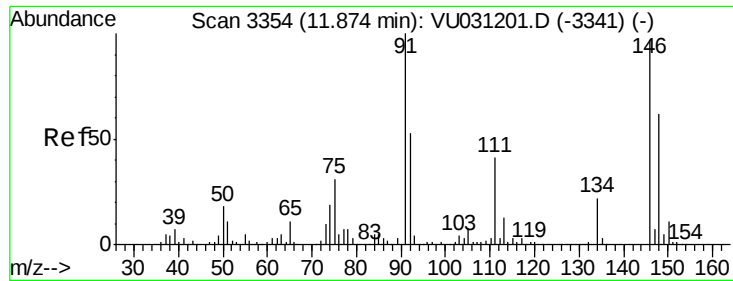
Tgt Ion: 146 Resp: 234402
 Ion Ratio Lower Upper
 146 100
 111 39.2 30.6 46.0
 148 65.1 51.1 76.7



#84
 n-Butylbenzene
 Concen: 12.690 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 91 Resp: 454773
 Ion Ratio Lower Upper
 91 100
 92 52.2 42.6 63.8
 134 24.4 19.1 28.7

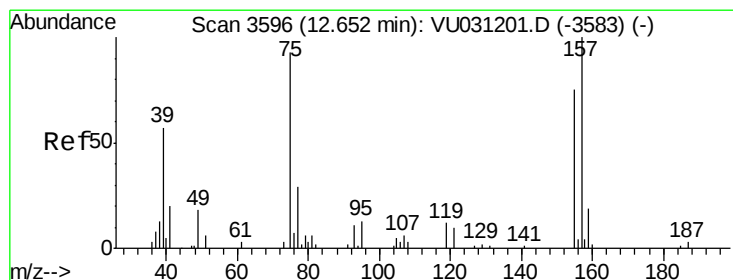
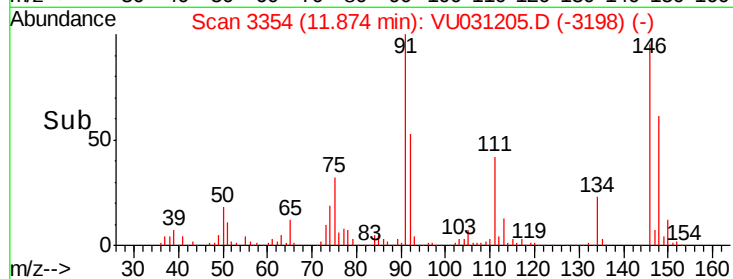
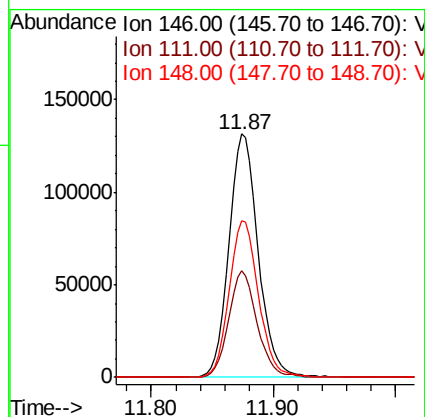
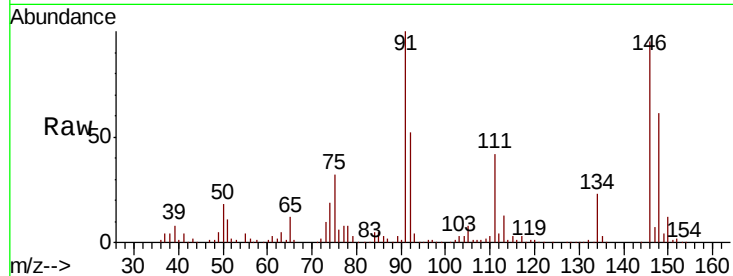




#85
 1,2-Dichlorobenzene
 Concen: 10.870 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

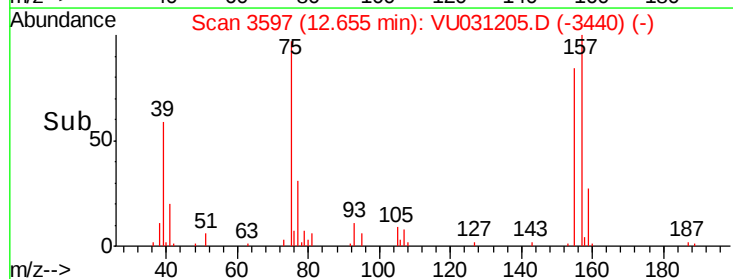
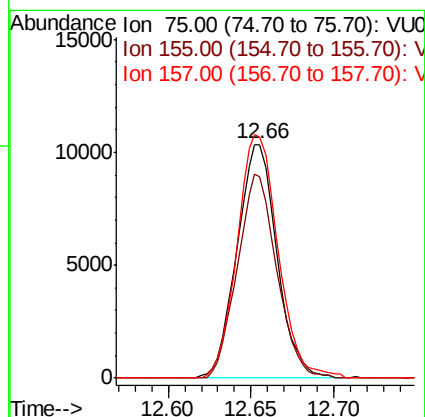
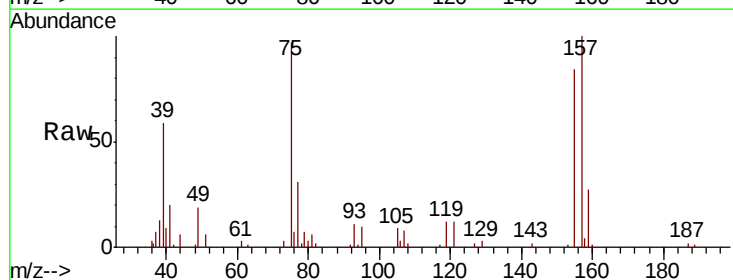
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

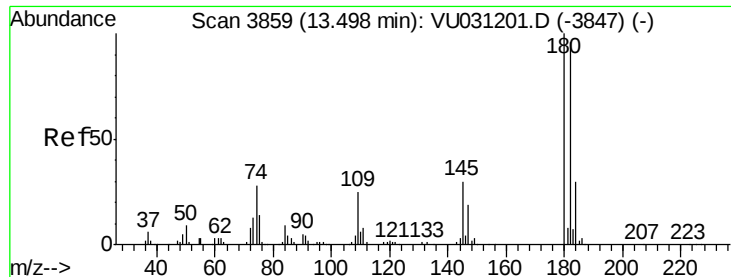
Tgt Ion: 146 Resp: 220741
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.5
 148 64.7 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.995 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion: 75 Resp: 17306
 Ion Ratio Lower Upper
 75 100
 155 85.8 61.7 92.5
 157 107.0 81.3 121.9

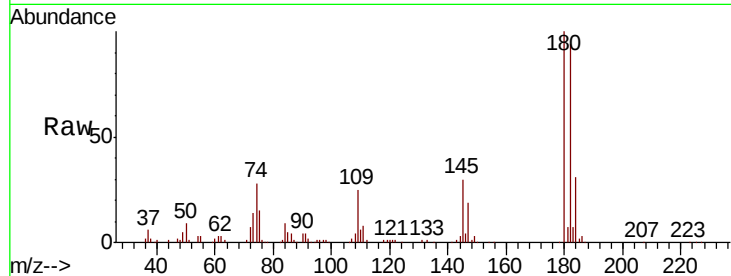




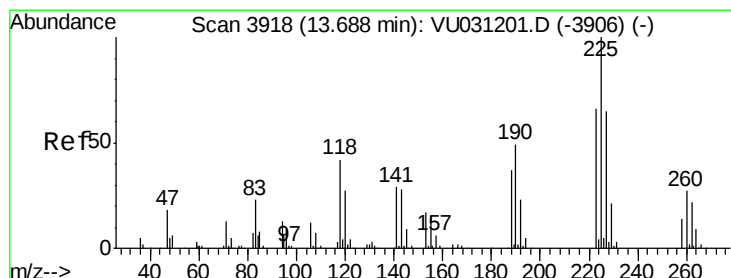
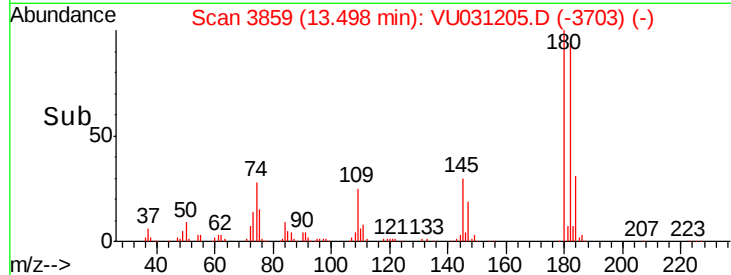
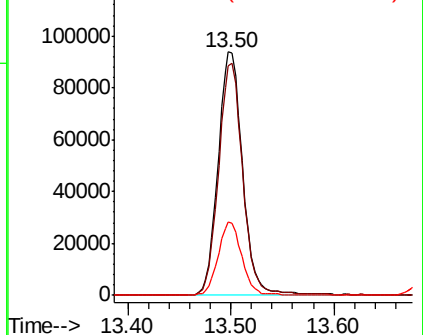
#87
 1,2,4-Trichlorobenzene
 Concen: 12.533 ug/l
 RT: 13.50 min Scan# 3859
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 155555
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.0 112.6
 145 29.2 23.4 35.2

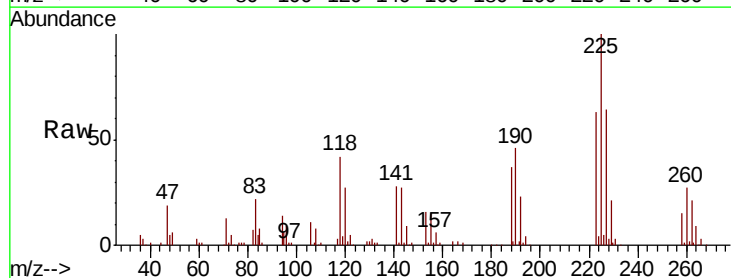


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

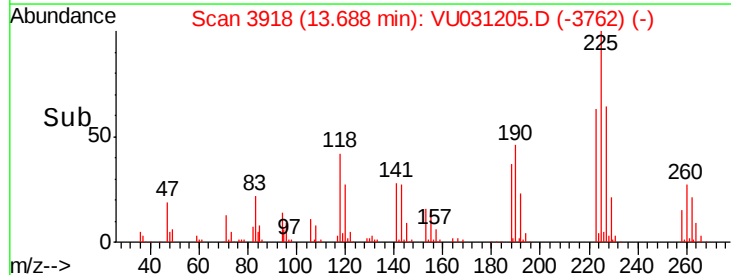
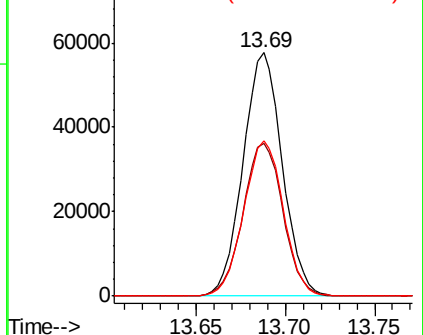


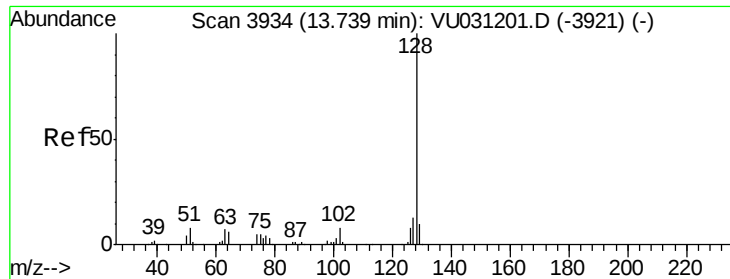
#88
 Hexachlorobutadiene
 Concen: 10.679 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031205.D
 Acq: 16 Apr 2019 09:54

Tgt Ion:225 Resp: 88539
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.4 77.2
 227 64.4 51.2 76.8



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 9.918 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

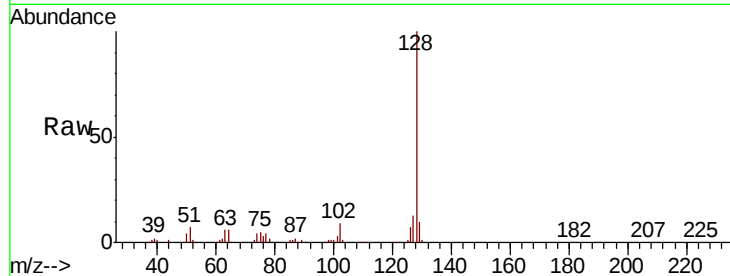
Tgt Ion:128 Resp: 273742

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

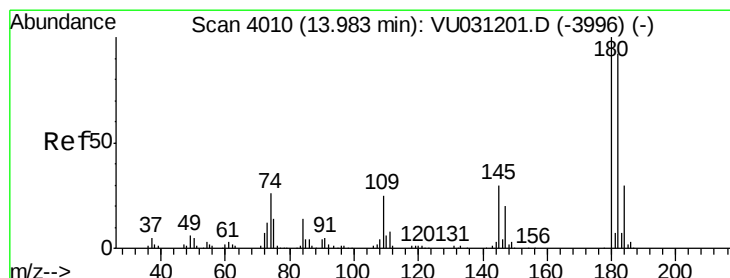
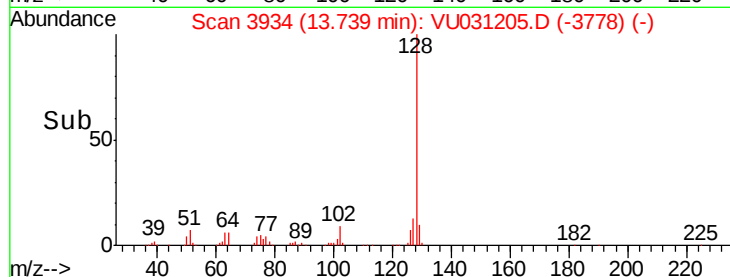
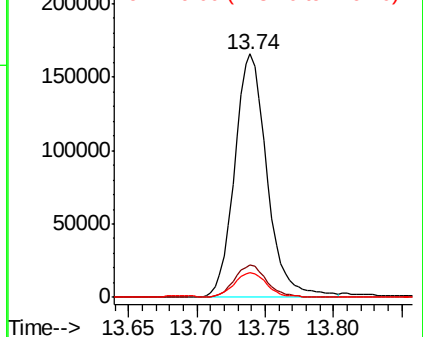
129 10.2 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 12.106 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU031205.D

Acq: 16 Apr 2019 09:54

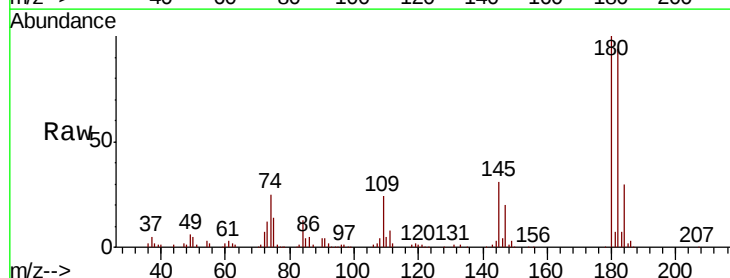
Tgt Ion:180 Resp: 150437

Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

145 30.5 25.3 37.9



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

