

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
 Data File : VU031199.D
 Acq On : 15 Apr 2019 21:27
 Operator : JC/SP
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Apr 16 04:14:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	32717	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	12196	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	12666	1.14	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	25472	1.920 ug/l	97
3) Chloromethane	1.32	50	26936	1.718 ug/l	98
4) Vinyl Chloride	1.40	62	26131	1.746 ug/l	100
5) Bromomethane	1.63	94	16200	2.191 ug/l	97
6) Chloroethane	1.70	64	17643	2.027 ug/l	97
7) Trichlorofluoromethane	1.89	101	36504	2.046 ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18740	2.086 ug/l	98
9) 1,1-Dichloroethene	2.29	96	18820	2.114 ug/l	99
10) Iodomethane	2.41	142	24857	2.145 ug/l	99
11) Allyl Chloride	2.59	41	36920	1.938 ug/l	98
12) Acrylonitrile	2.94	53	11737	4.055 ug/l	95
13) Acetone	2.33	43	22554	8.494 ug/l	98
14) Carbon Disulfide	2.48	76	71431	2.184 ug/l	100
15) Methylene Chloride	2.70	84	23925	1.970 ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	20677	2.053 ug/l	99
17) 1,1-Dichloroethane	3.44	63	34792	1.765 ug/l	99
18) 2-Butanone	4.29	43	25755	7.610 ug/l	99
19) Cyclohexane	4.99	56	23023	1.448 ug/l	95
20) Methylcyclohexane	6.41	83	21655	1.569 ug/l	91
21) 2,2-Dichloropropane	4.23	77	26529	1.742 ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	17489	1.720 ug/l	91
23) Diethyl Ether	2.10	59	17951	2.004 ug/l	99
24) tert-Butyl Alcohol	2.86	59	7020	6.707 ug/l	95
25) Methyl tert-Butyl Ether	3.00	73	54896	1.972 ug/l	96
26) Bromochloromethane	4.54	128	8449	1.918 ug/l	95
27) Chloroform	4.67	83	34300	1.837 ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	28777	1.872 ug/l	99
29) 1,1-Dichloropropene	5.13	75	22507	1.672 ug/l	97
30) Carbon Tetrachloride	5.13	117	24707	1.841 ug/l	98
31) Isopropyl Ether	3.57	45	49159	1.535 ug/l	98
32) Ethyl-t-butyl ether	4.07	59	39859	1.532 ug/l	96
33) Tert-Amyl methyl ether	5.58	73	34660	1.584 ug/l #	96
34) Propionitrile	4.34	54	3392	4.032 ug/l #	50
35) Benzene	5.39	78	69958	1.750 ug/l	100
36) 1,2-Dichloroethane	5.40	62	22591	1.777 ug/l	96
37) Trichloroethene	6.18	130	19341	1.988 ug/l	97
38) 1,2-Dichloropropane	6.43	63	17986	1.578 ug/l	96
39) Methacrylonitrile	4.56	41	6344	1.525 ug/l	92
40) Methyl acrylate	4.44	55	7183	1.405 ug/l #	81
41) Tetrahydrofuran	4.66	42	6495	2.901 ug/l #	91
42) 1-Chlorobutane	5.06	56	32398	1.584 ug/l	95

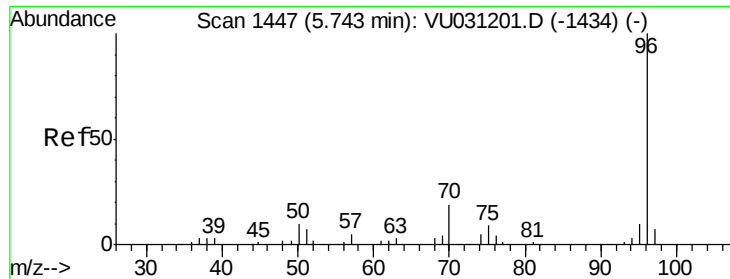
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
 Data File : VU031199.D
 Acq On : 15 Apr 2019 21:27
 Operator : JC/SP
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC002

Quant Time: Apr 16 04:14:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	10155	1.899	ug/l	99
44) Bromodichloromethane	6.76	83	24218	1.734	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	56543	7.435	ug/l	98
46) t-1,4-Dichloro-2-butene	10.49	75	21858	8.349	ug/l #	50
47) Methyl methacrylate	6.63	69	16779	3.443	ug/l	91
48) Ethyl methacrylate	8.02	69	14789	1.620	ug/l	100
49) Toluene	7.63	92	36919	1.693	ug/l	96
50) t-1,3-Dichloropropene	7.88	75	19235	1.606	ug/l	94
51) cis-1,3-Dichloropropene	7.27	75	23900	1.661	ug/l	93
52) 1,1,2-Trichloroethane	8.06	97	13694	1.795	ug/l	95
53) 1,3-Dichloropropane	8.24	76	22793	1.707	ug/l	99
54) 2-Hexanone	8.37	43	39680	7.866	ug/l	93
55) Dibromochloromethane	8.48	129	15555	1.795	ug/l	98
56) 1,2-Dibromoethane	8.58	107	12872	1.870	ug/l	97
58) Tetrachloroethene	8.22	164	16661	1.927	ug/l	94
59) Chlorobenzene	9.12	112	42547	1.784	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	16307	1.812	ug/l	98
61) Pentachloroethane	11.10	117	12542	1.819	ug/l	98
62) Hexachloroethane	12.14	117	12054	1.840	ug/l	99
63) Ethyl Benzene	9.25	91	64729	1.639	ug/l	99
64) m/p-Xylenes	9.37	106	47600	3.297	ug/l	98
65) o-Xylene	9.78	106	23941	1.706	ug/l	98
66) Styrene	9.79	104	38386	1.584	ug/l	98
67) Bromoform	9.95	173	9219	1.851	ug/l	100
69) Isopropylbenzene	10.16	105	62338	1.665	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	17838	1.778	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	21858	2.866	ug/l #	78
72) Bromobenzene	10.45	156	17841	1.885	ug/l	99
73) n-propylbenzene	10.58	120	16404	1.642	ug/l	91
74) 2-Chlorotoluene	10.66	126	15917	1.746	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	54040	1.704	ug/l	98
76) 4-Chlorotoluene	10.77	126	16175	1.739	ug/l	98
77) tert-Butylbenzene	11.10	119	53384	1.727	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	54374	1.683	ug/l	98
79) sec-Butylbenzene	11.32	105	71559	1.704	ug/l	99
80) Nitrobenzene	12.88	77	1957	6.555	ug/l #	53
81) p-Isopropyltoluene	11.47	119	57531	1.747	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	34718	1.852	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	35396	1.910	ug/l	95
84) n-Butylbenzene	11.89	91	53339	1.612	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	32721	1.837	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2692	1.719	ug/l	95
87) 1,2,4-Trichlorobenzene	13.50	180	17967	1.689	ug/l	96
88) Hexachlorobutadiene	13.69	225	13187	2.065	ug/l	96
89) Naphthalene	13.74	128	27957	1.492	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	18547	1.753	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

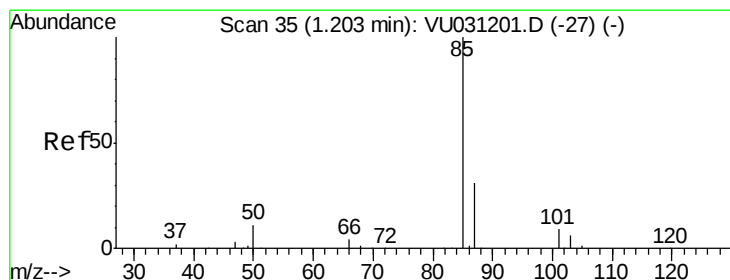
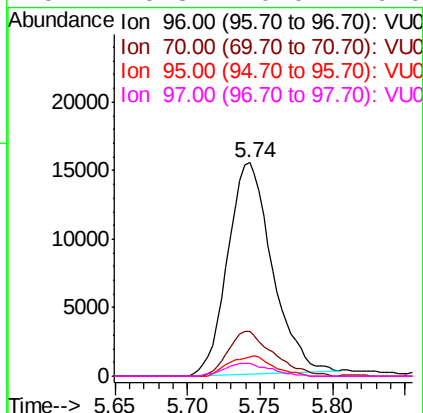
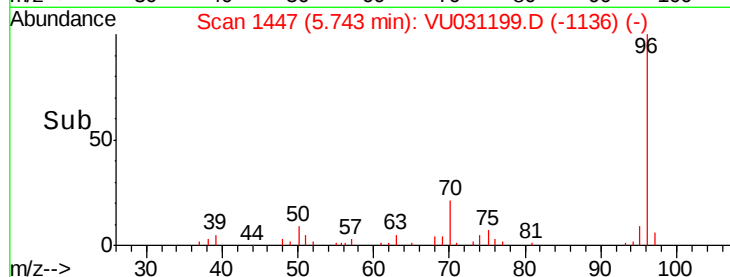
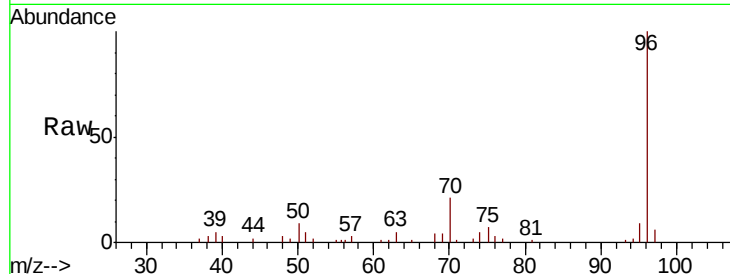
Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 32717

Ion	Ratio	Lower	Upper
96	100		
70	21.7	18.4	27.6
95	9.5	7.6	11.4
97	6.3	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.920 ug/l

RT: 1.20 min Scan# 35

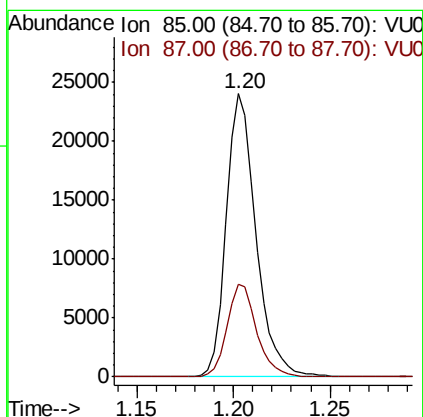
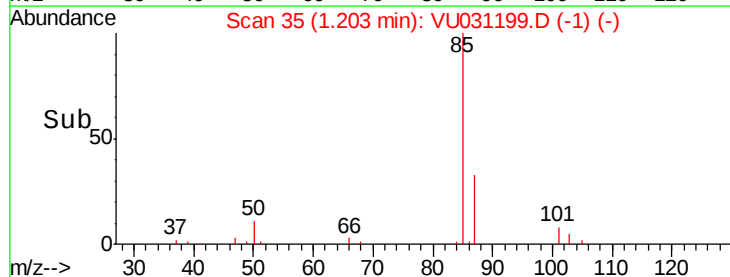
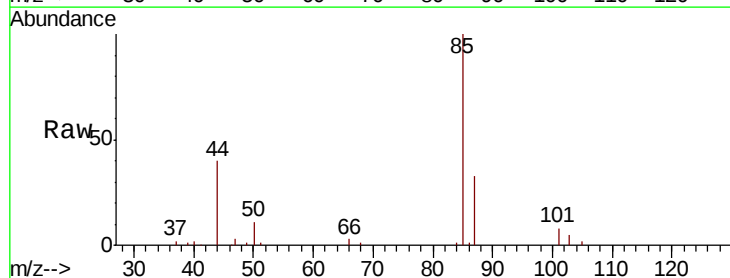
Delta R.T. 0.00 min

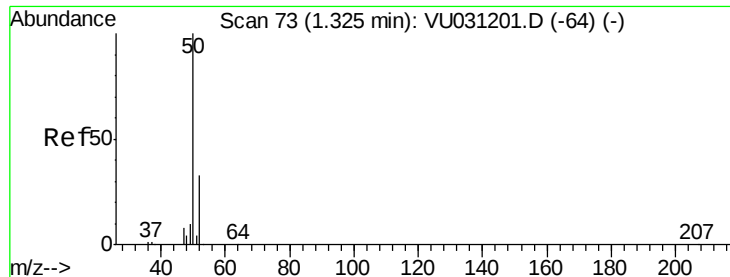
Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Tgt Ion: 85 Resp: 25472

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.8	47.3





#3

Chloromethane

Concen: 1.718 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

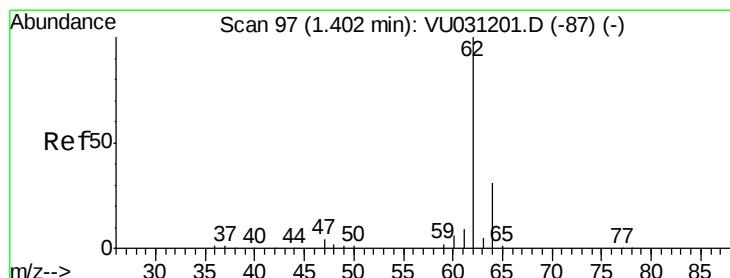
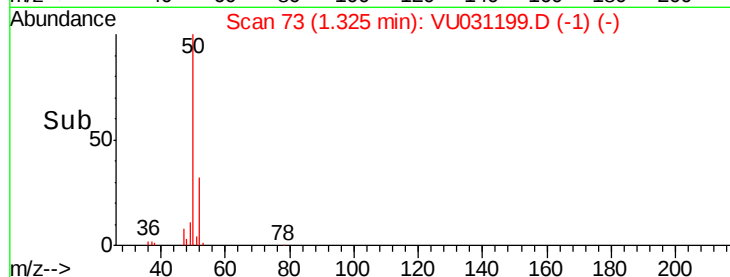
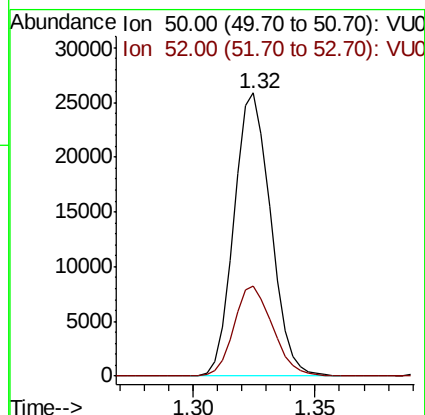
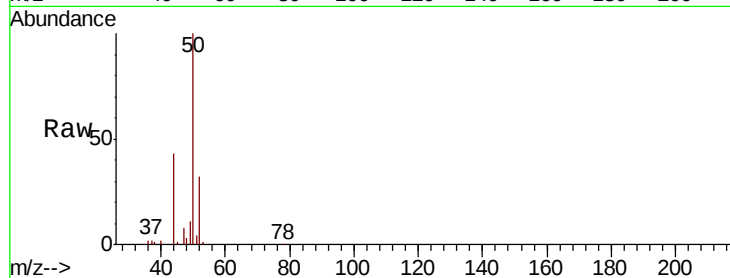
VSTDIC002

Tgt Ion: 50 Resp: 26936

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



#4

Vinyl Chloride

Concen: 1.746 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031199.D

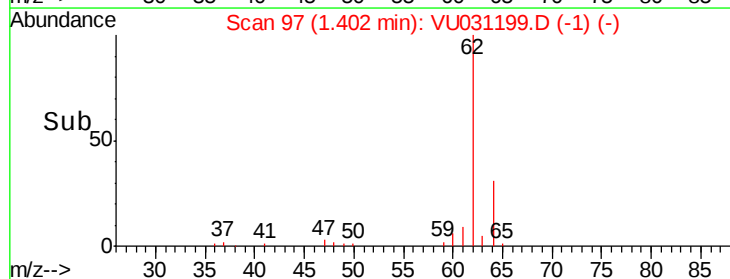
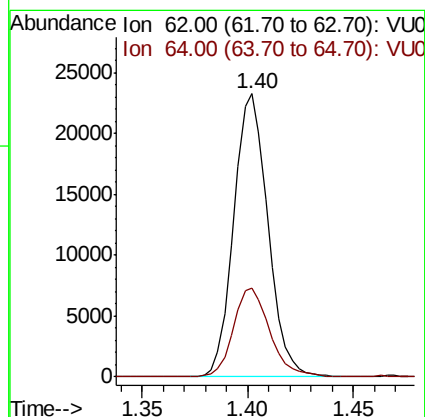
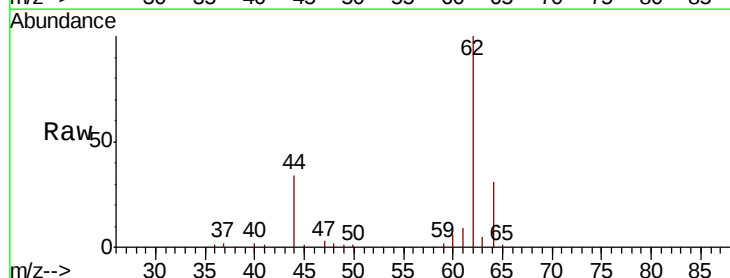
Acq: 15 Apr 2019 21:27

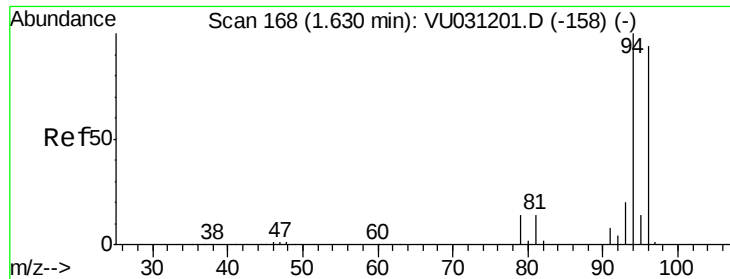
Tgt Ion: 62 Resp: 26131

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6

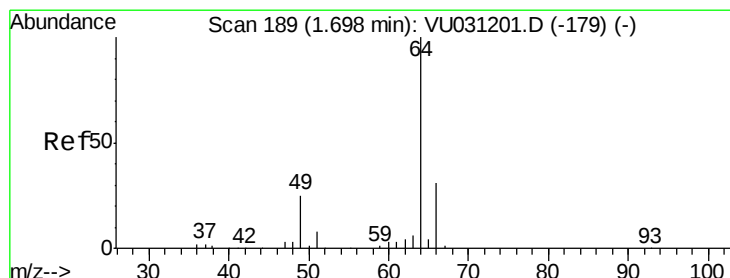
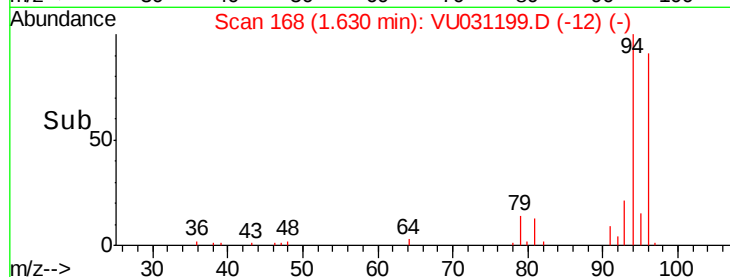
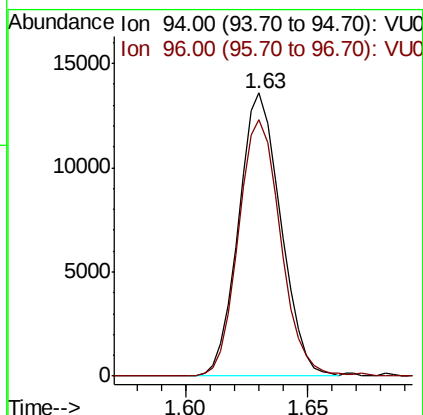
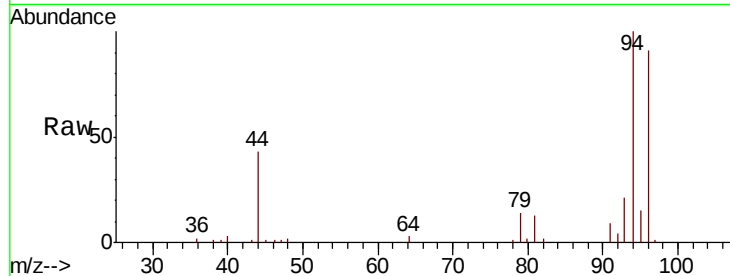




#5
Bromomethane
Concen: 2.191 ug/l
RT: 1.63 min Scan# 168
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

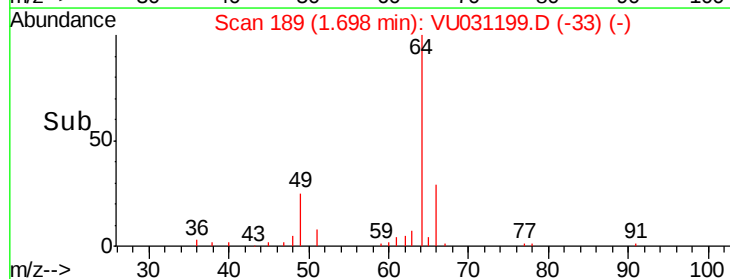
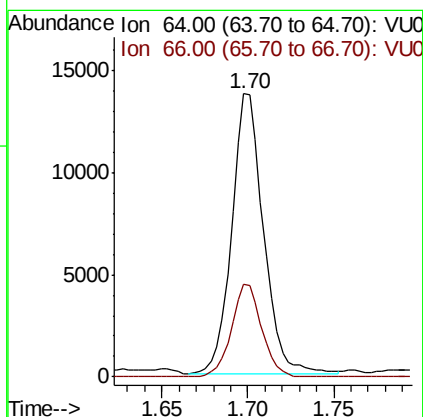
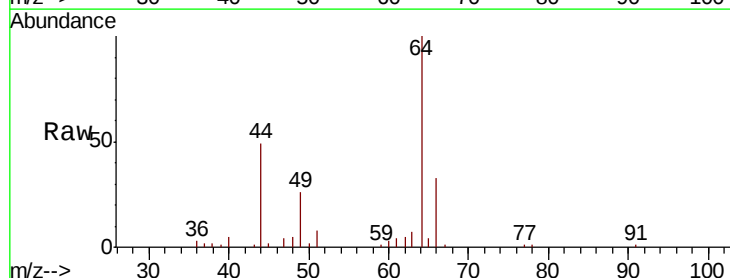
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

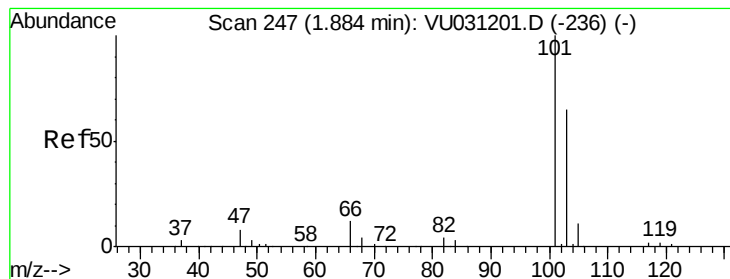
Tgt Ion: 94 Resp: 16200
Ion Ratio Lower Upper
94 100
96 90.6 75.0 112.6



#6
Chloroethane
Concen: 2.027 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 64 Resp: 17643
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





#7

Trichlorofluoromethane

Concen: 2.046 ug/l

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

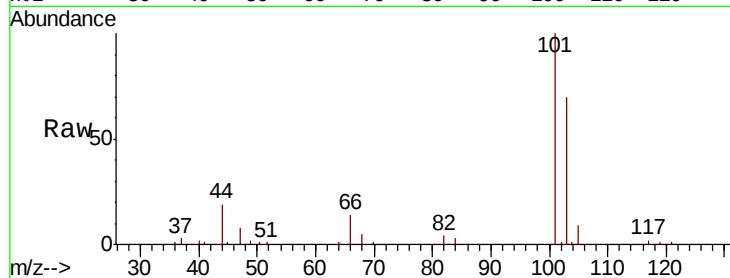
VSTDIC002

Tgt Ion:101 Resp: 36504

Ion Ratio Lower Upper

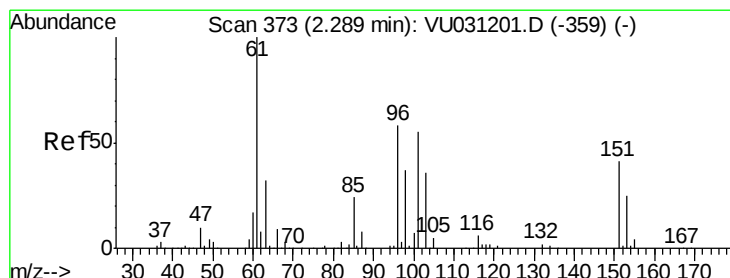
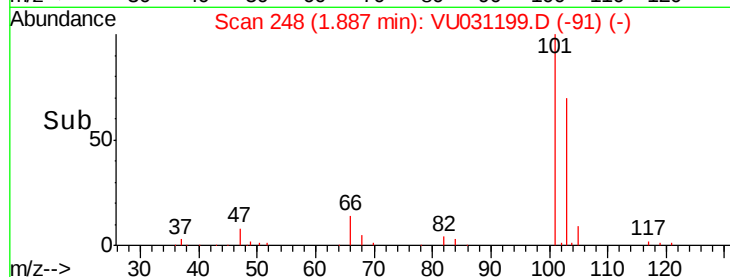
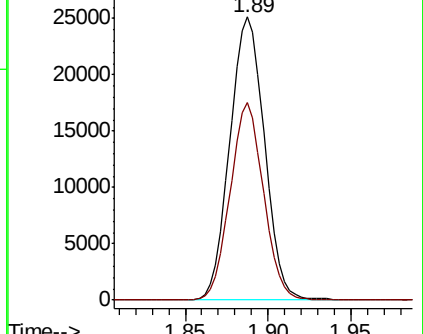
101 100

103 69.6 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 2.086 ug/l

RT: 2.29 min Scan# 373

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

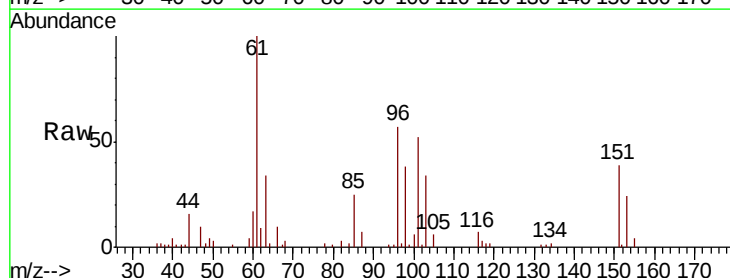
Tgt Ion:101 Resp: 18740

Ion Ratio Lower Upper

101 100

85 47.7 36.1 54.1

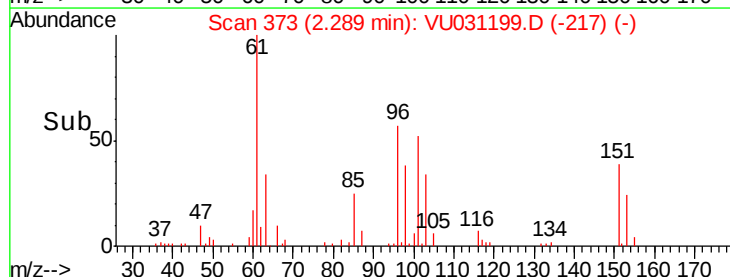
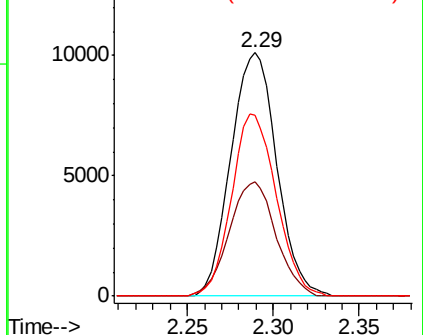
151 73.0 58.2 87.2

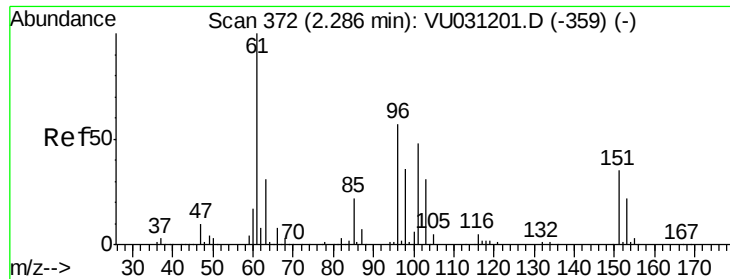


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.114 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

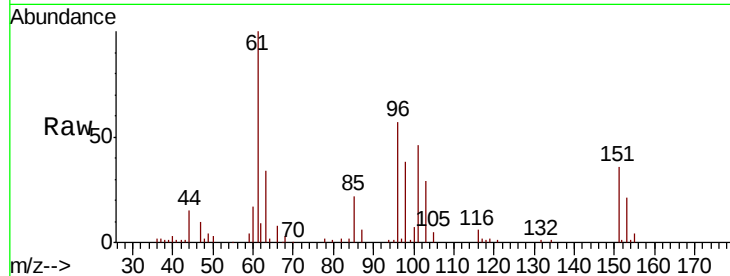
Tgt Ion: 96 Resp: 18820

Ion Ratio Lower Upper

96 100

61 175.4 0.0 527.7

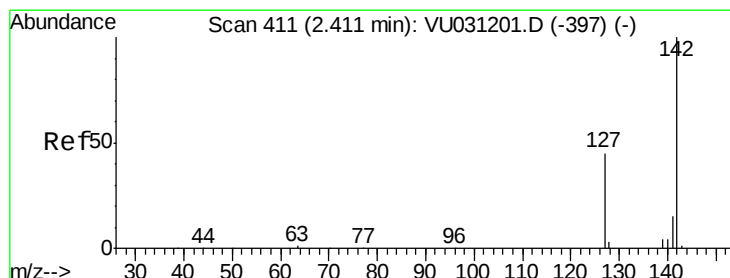
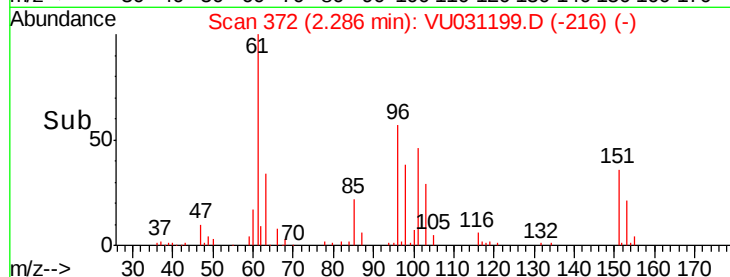
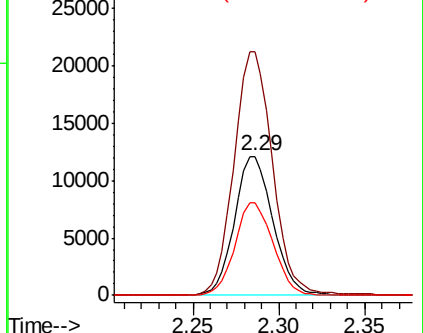
98 66.9 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU031199.D (-216) (-)

Ion 61.00 (60.70 to 61.70): VU031199.D (-216) (-)

Ion 98.00 (97.70 to 98.70): VU031199.D (-216) (-)



#10

Iodomethane

Concen: 2.145 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU031199.D

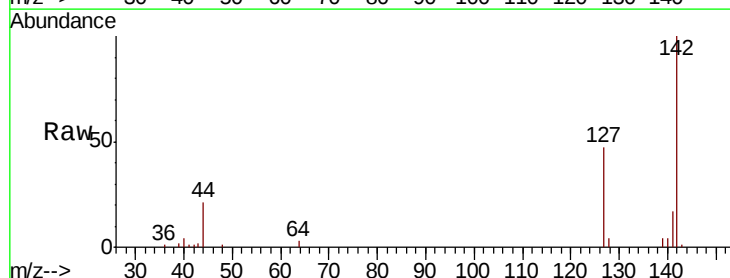
Acq: 15 Apr 2019 21:27

Tgt Ion: 142 Resp: 24857

Ion Ratio Lower Upper

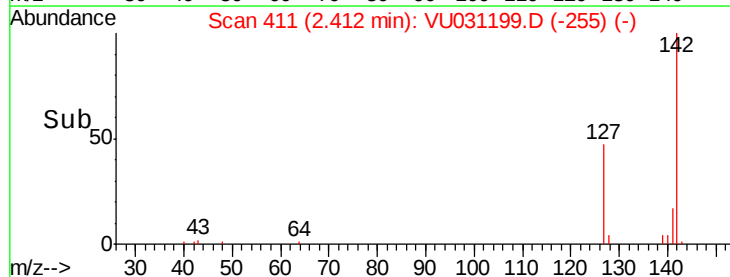
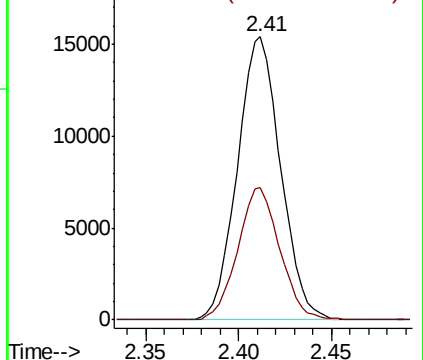
142 100

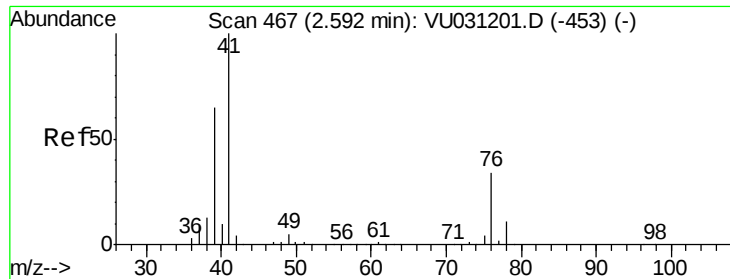
127 45.5 35.9 53.9



Abundance Ion 142.00 (141.70 to 142.70): VU031199.D (-255) (-)

Ion 127.00 (126.70 to 127.70): VU031199.D (-255) (-)

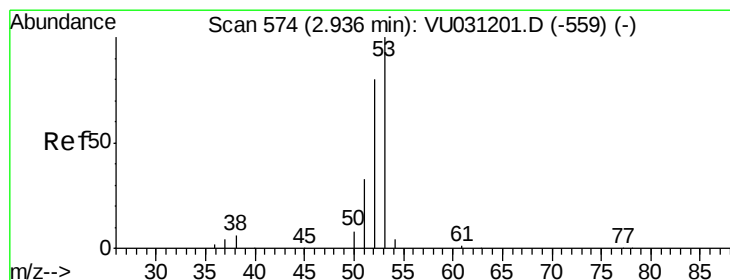
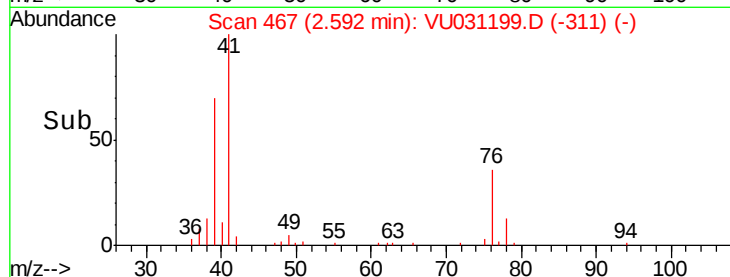
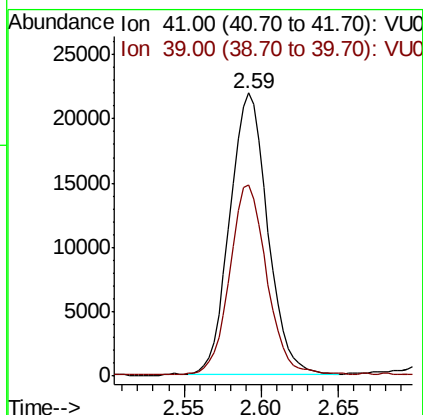
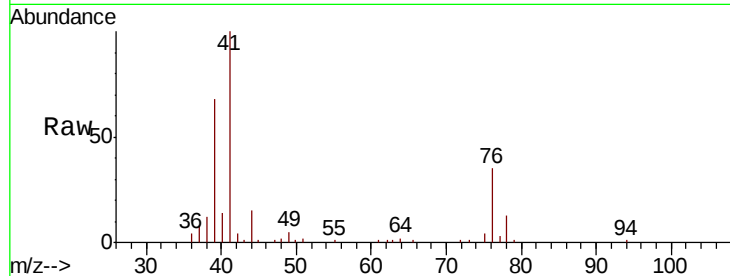




#11
 Allyl Chloride
 Concen: 1.938 ug/l
 RT: 2.59 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

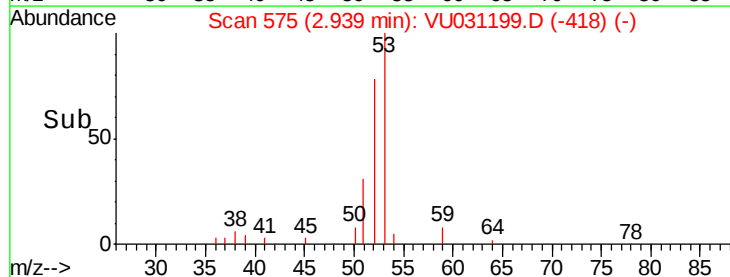
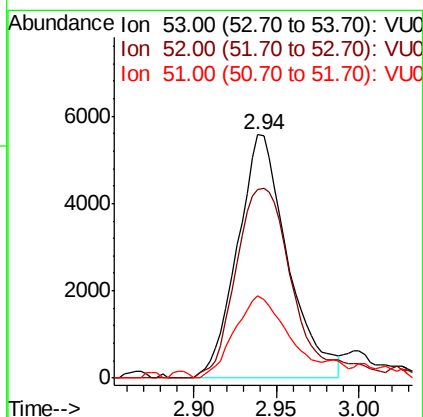
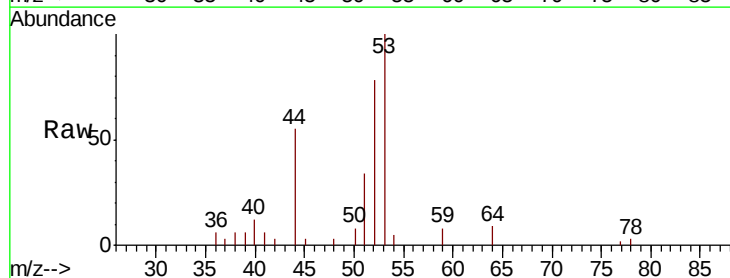
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

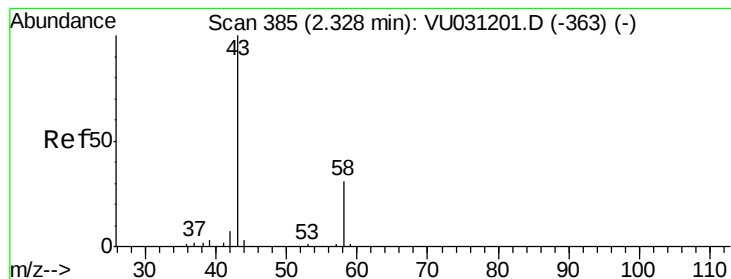
Tgt Ion: 41 Resp: 36920
 Ion Ratio Lower Upper
 41 100
 39 66.3 51.9 77.9



#12
 Acrylonitrile
 Concen: 4.055 ug/l
 RT: 2.94 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 53 Resp: 11737
 Ion Ratio Lower Upper
 53 100
 52 89.5 67.8 101.8
 51 36.0 26.9 40.3





#13

Acetone

Concen: 8.494 ug/l

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

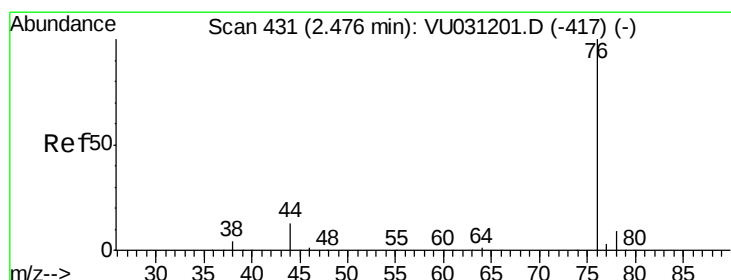
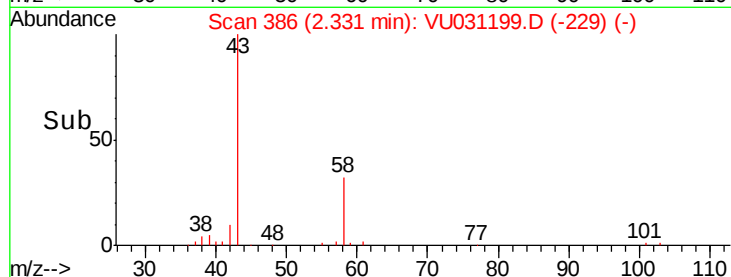
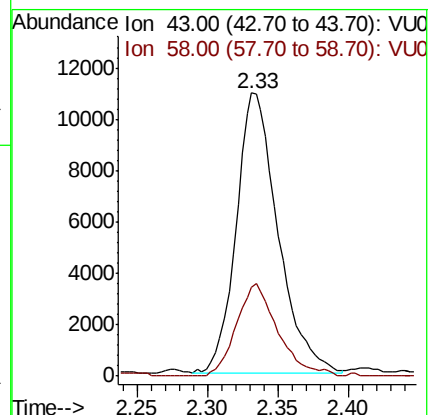
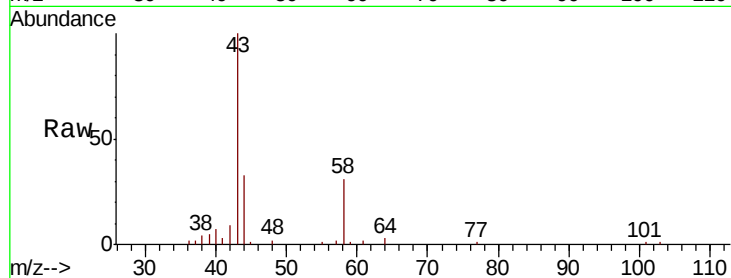
VSTDIC002

Tgt Ion: 43 Resp: 22554

Ion Ratio Lower Upper

43 100

58 31.7 24.7 37.1



#14

Carbon Disulfide

Concen: 2.184 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031199.D

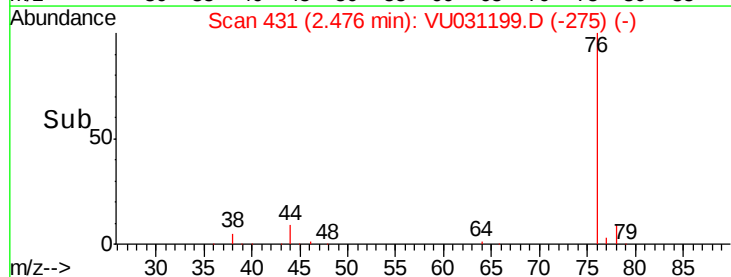
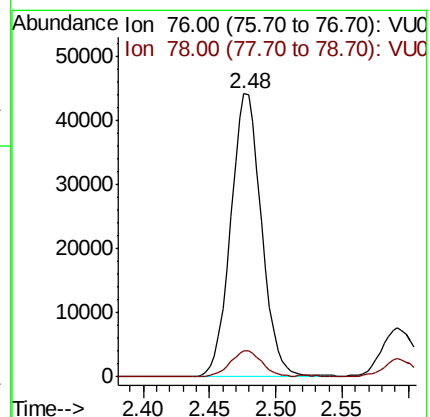
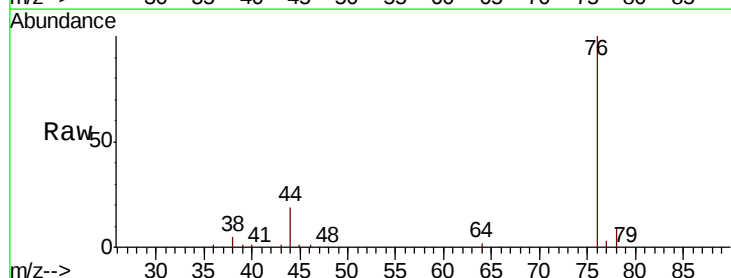
Acq: 15 Apr 2019 21:27

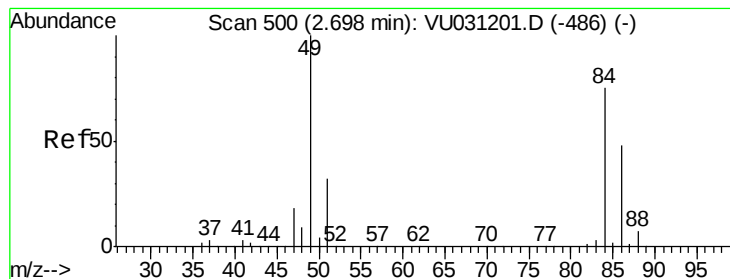
Tgt Ion: 76 Resp: 71431

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methylene Chloride

Concen: 1.970 ug/l

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 84 Resp: 23925

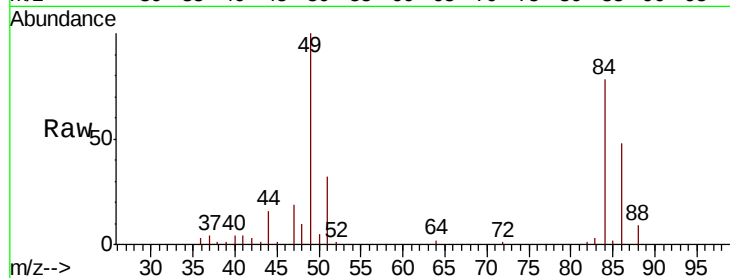
Ion Ratio Lower Upper

84 100

49 127.5 106.1 159.1

51 40.3 0.0 84.2

86 60.9 50.5 75.7

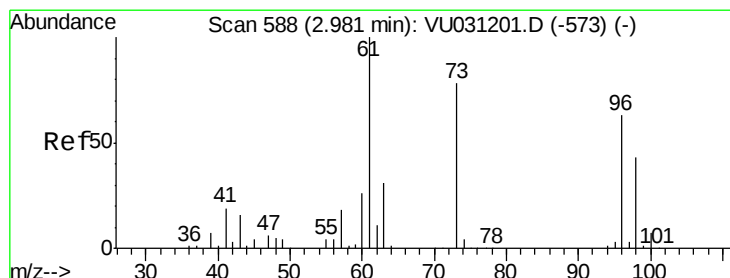
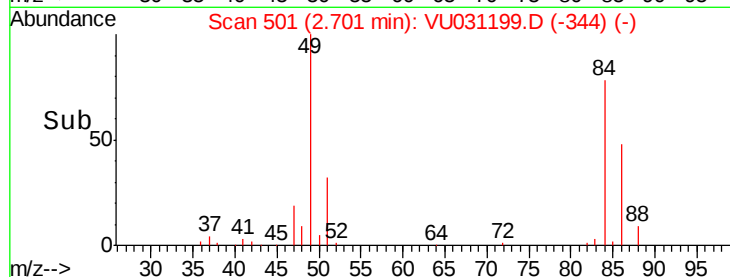
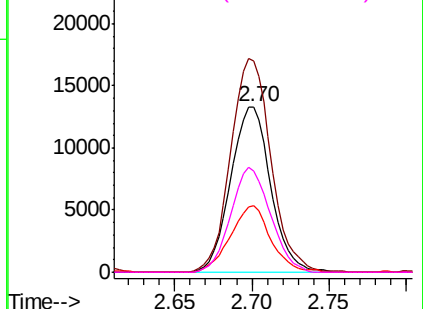


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 2.053 ug/l

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

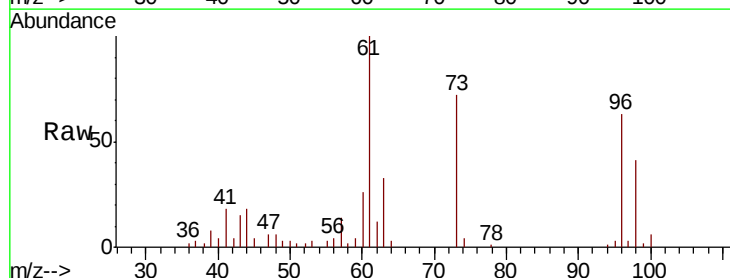
Tgt Ion: 96 Resp: 20677

Ion Ratio Lower Upper

96 100

61 158.3 126.6 189.8

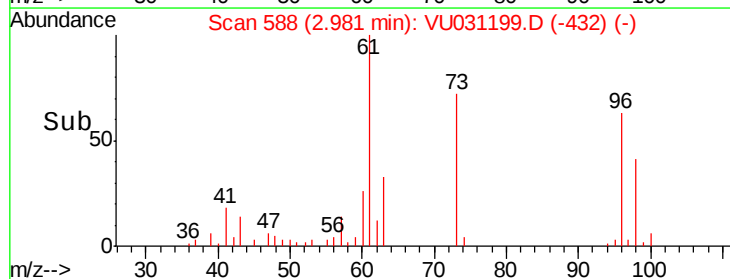
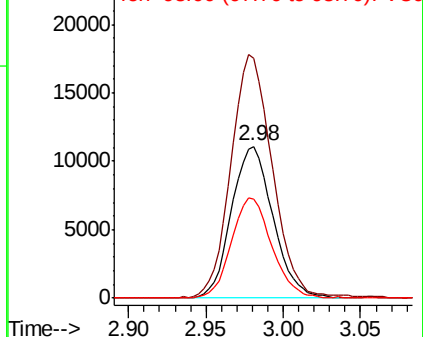
98 65.6 53.9 80.9

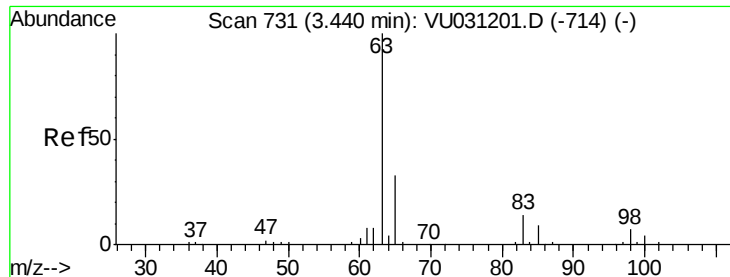


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

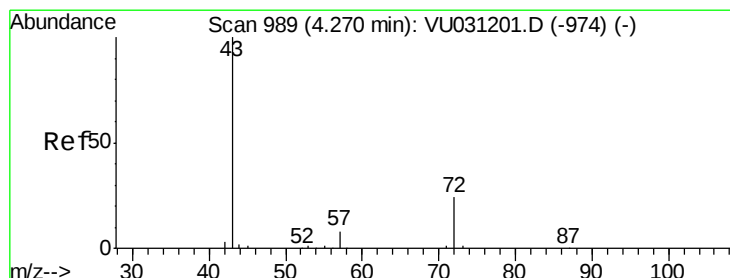
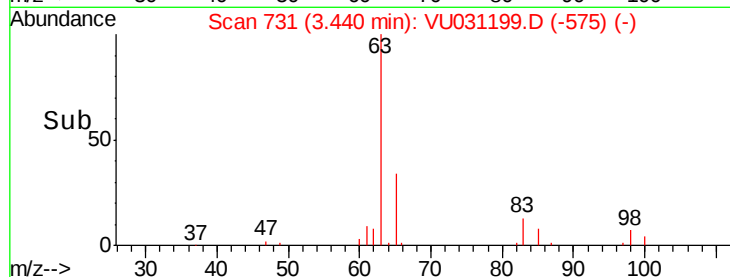
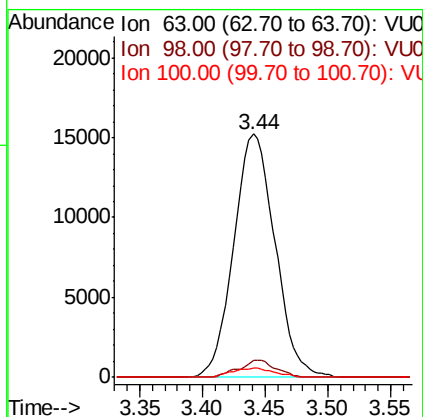
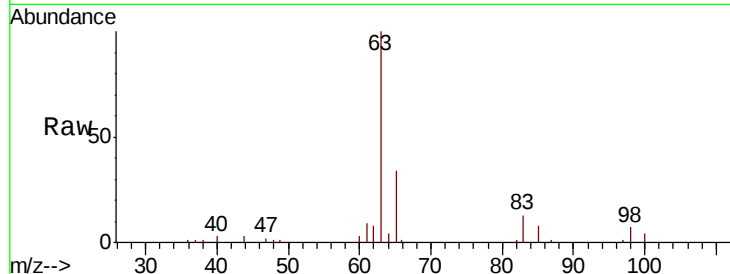




#17
 1,1-Dichloroethane
 Concen: 1.765 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

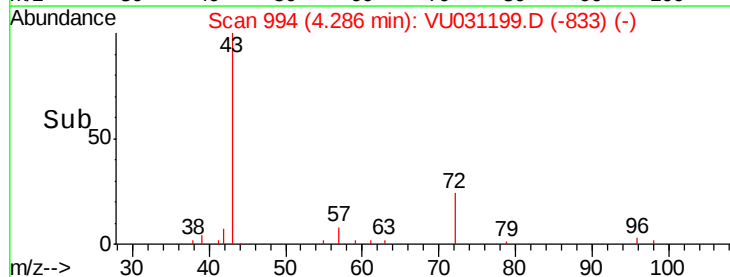
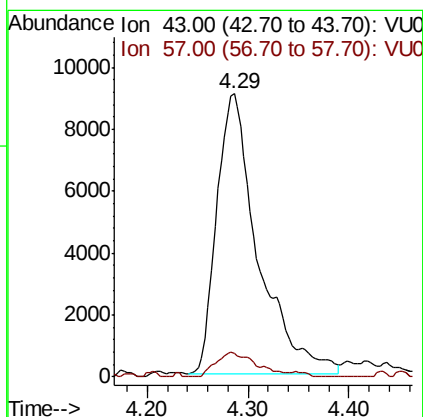
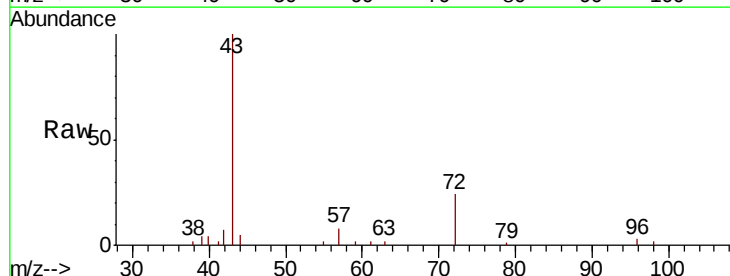
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

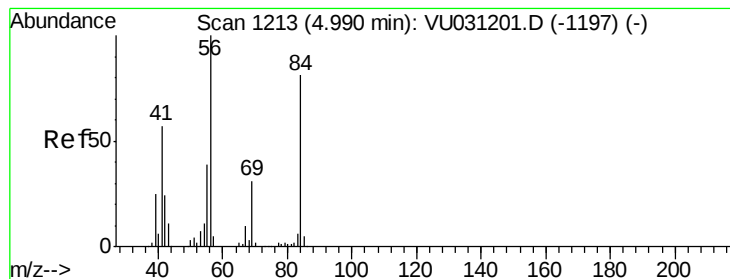
Tgt Ion: 63 Resp: 34792
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 3.6 2.0 5.8



#18
 2-Butanone
 Concen: 7.610 ug/l
 RT: 4.29 min Scan# 994
 Delta R.T. 0.02 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 43 Resp: 25755
 Ion Ratio Lower Upper
 43 100
 57 8.6 0.0 16.2





#19

Cyclohexane

Concen: 1.448 ug/l

RT: 4.99 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

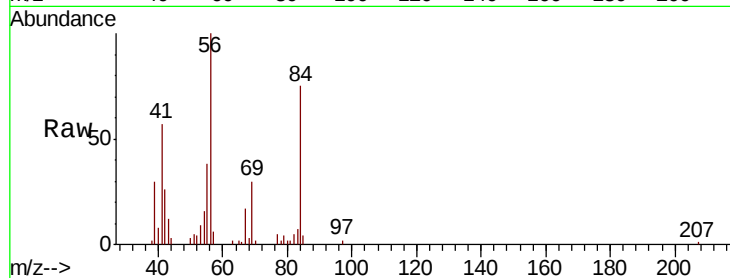
Tgt Ion: 56 Resp: 23023

Ion Ratio Lower Upper

56 100

69 32.6 28.3 42.5

84 88.6 75.2 112.8

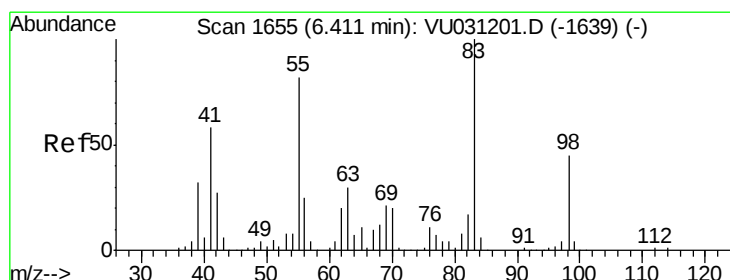
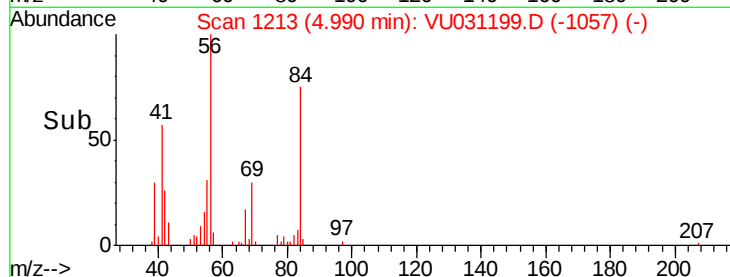
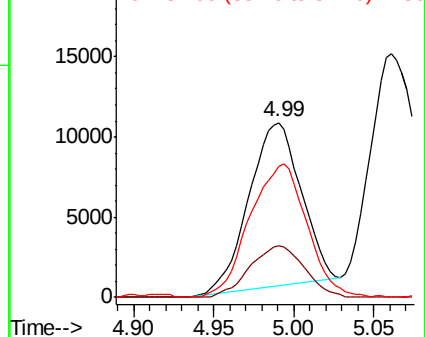


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.569 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

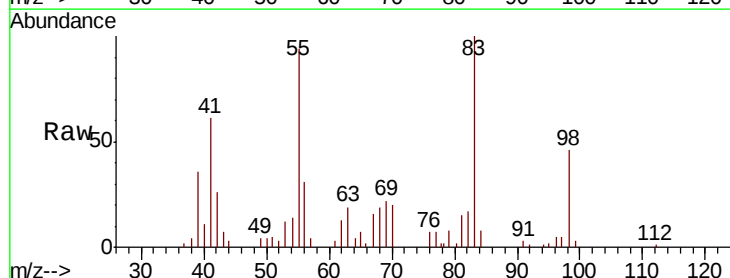
Tgt Ion: 83 Resp: 21655

Ion Ratio Lower Upper

83 100

55 95.7 68.2 102.2

98 47.9 35.8 53.8

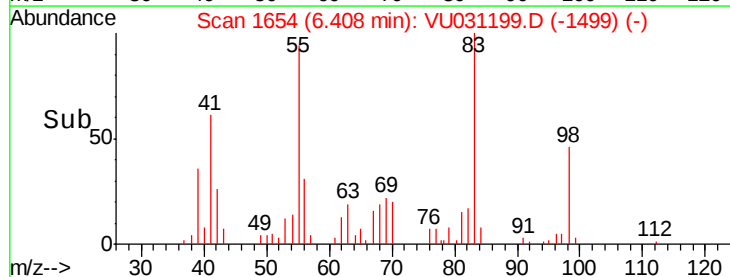
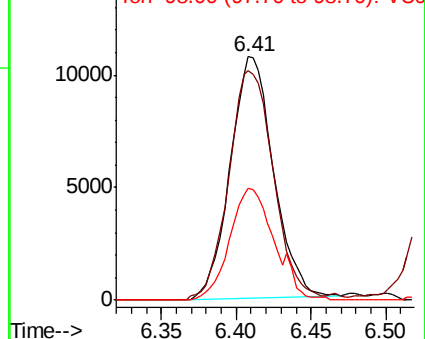


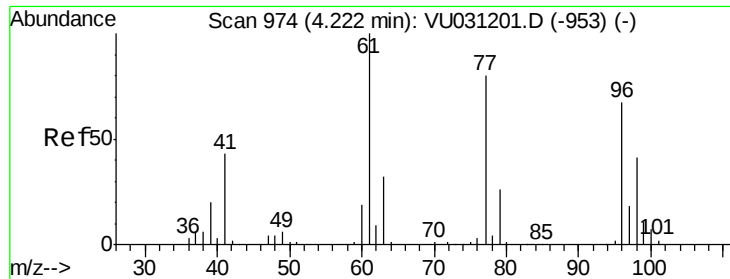
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 1.742 ug/l

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

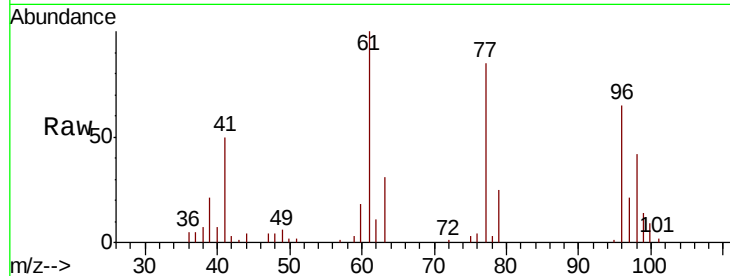
VSTDIC002

Tgt Ion: 77 Resp: 26529

Ion Ratio Lower Upper

77 100

97 23.3 18.2 27.2



Abundance Ion 77.00 (76.70 to 77.70): VU031199.D (-818) (-)

Ion 97.00 (96.70 to 97.70): VU031199.D (-818) (-)

4.23

10000

8000

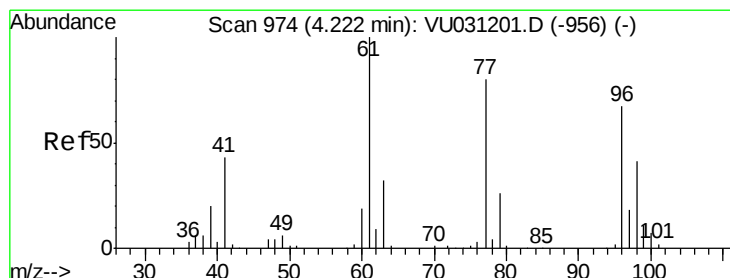
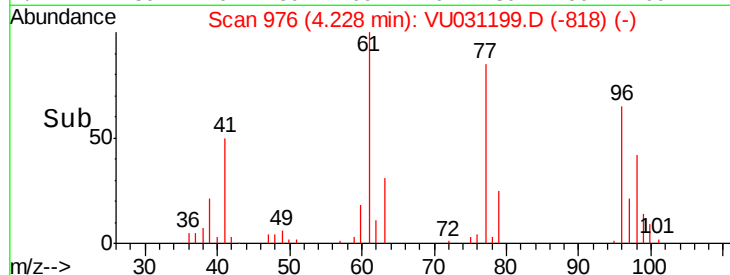
6000

4000

2000

0

Time--> 4.10 4.15 4.20 4.25 4.30



#22

cis-1,2-Dichloroethene

Concen: 1.720 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

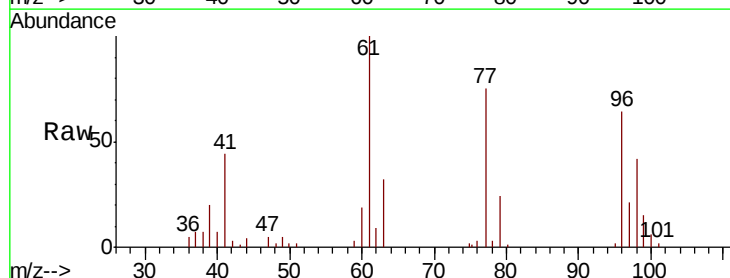
Tgt Ion: 96 Resp: 17489

Ion Ratio Lower Upper

96 100

61 166.1 0.0 380.0

98 67.0 32.3 96.9



Abundance Ion 96.00 (95.70 to 96.70): VU031199.D (-818) (-)

Ion 61.00 (60.70 to 61.70): VU031199.D (-818) (-)

Ion 98.00 (97.70 to 98.70): VU031199.D (-818) (-)

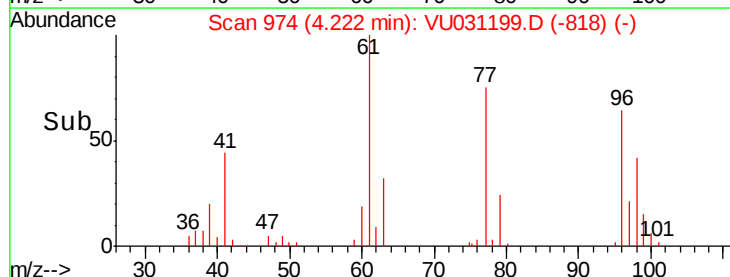
15000

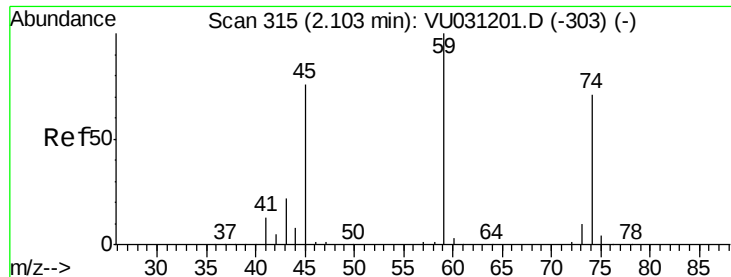
10000

5000

0

Time--> 4.15 4.20 4.25 4.30





#23

Diethyl Ether

Concen: 2.004 ug/l

RT: 2.10 min Scan# 315

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

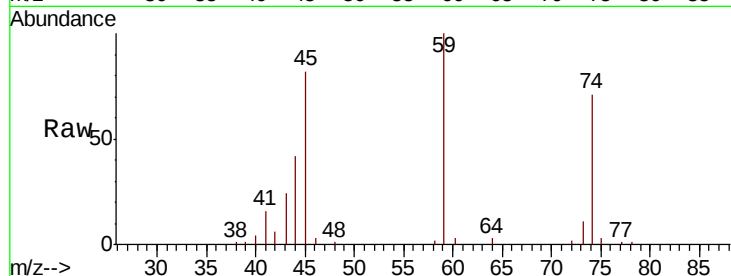
Tgt Ion: 59 Resp: 17951

Ion Ratio Lower Upper

59 100

45 78.9 61.8 92.6

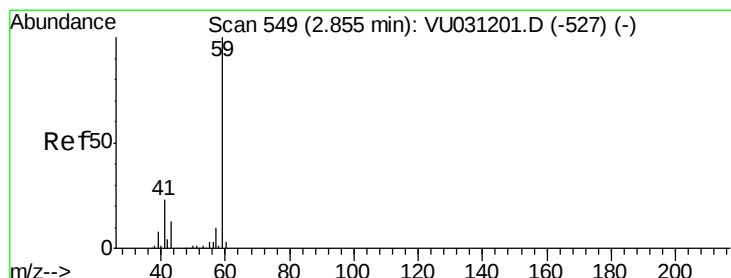
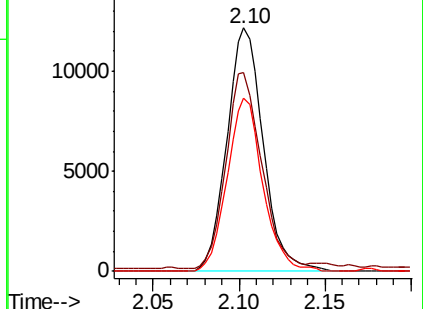
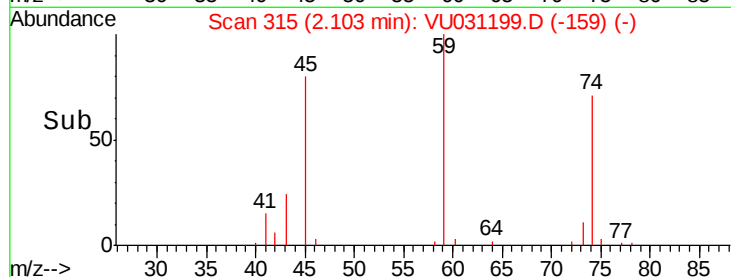
74 69.7 55.8 83.8



Abundance Ion 59.00 (58.70 to 59.70): VU031199.D (-159) (-)

Ion 45.00 (44.70 to 45.70): VU031199.D (-159) (-)

Ion 74.00 (73.70 to 74.70): VU031199.D (-159) (-)



#24

tert-Butyl Alcohol

Concen: 6.707 ug/l

RT: 2.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU031199.D

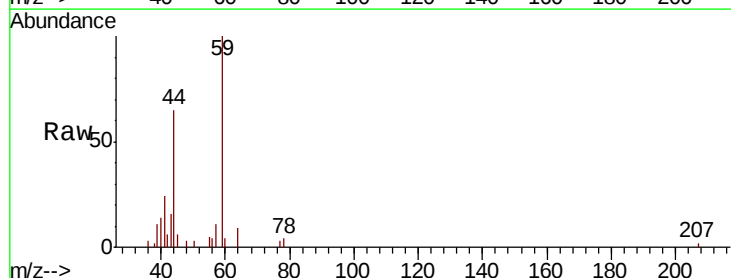
Acq: 15 Apr 2019 21:27

Tgt Ion: 59 Resp: 7020

Ion Ratio Lower Upper

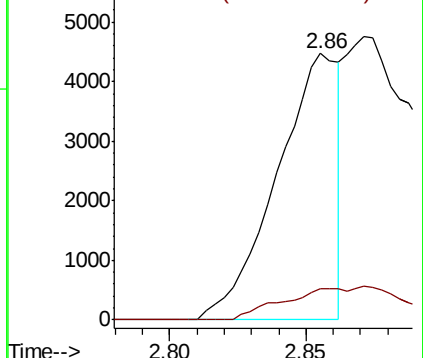
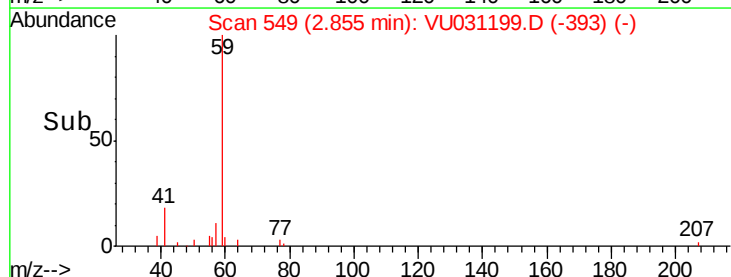
59 100

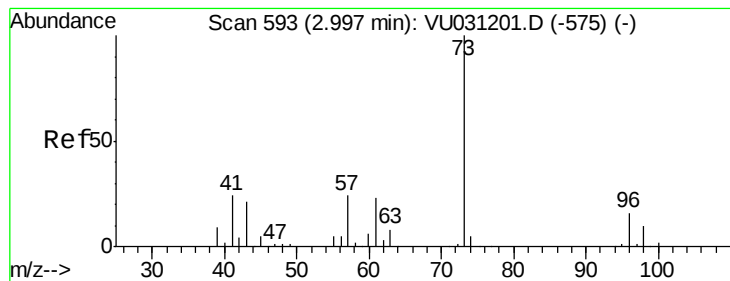
57 12.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU031199.D (-393) (-)

Ion 57.00 (56.70 to 57.70): VU031199.D (-393) (-)



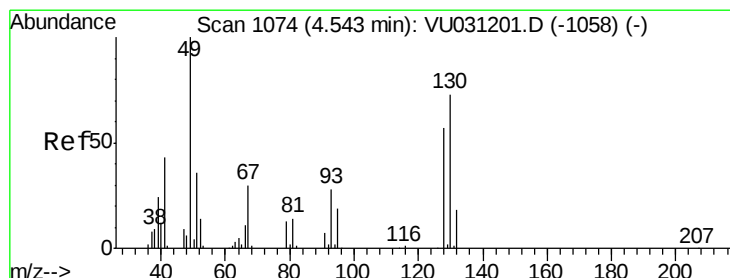
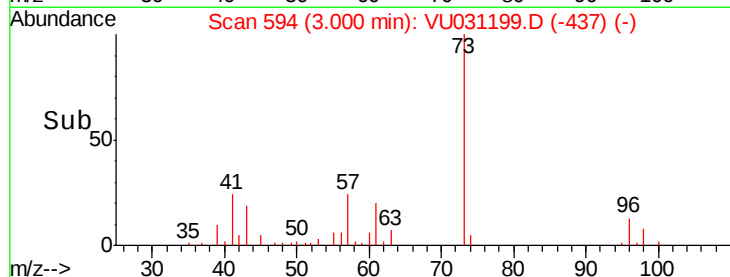
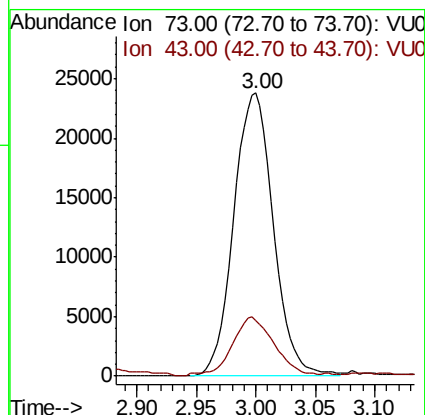
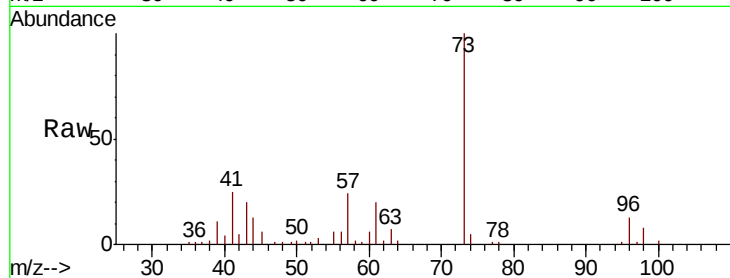


#25

Methyl tert-Butyl Ether
 Concen: 1.972 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

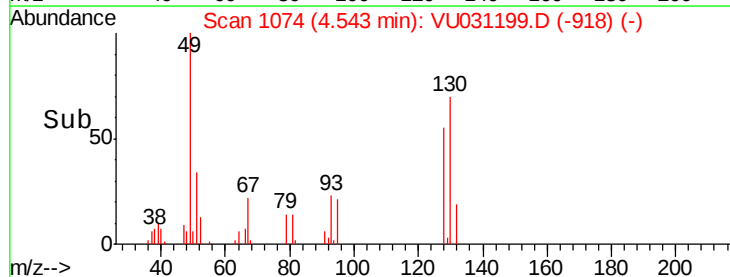
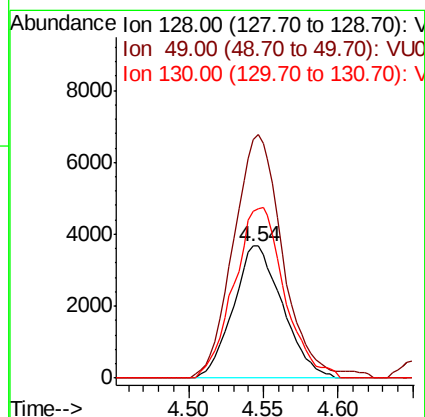
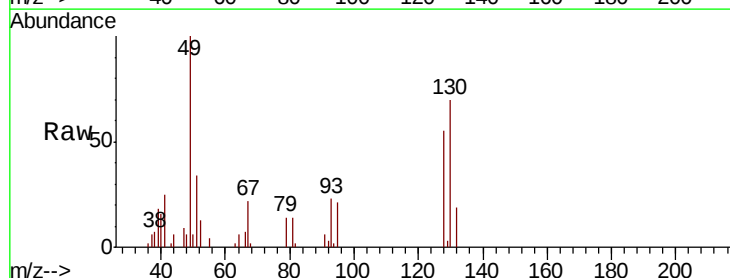
Tgt Ion: 73 Resp: 54896
 Ion Ratio Lower Upper
 73 100
 43 22.2 16.2 24.4

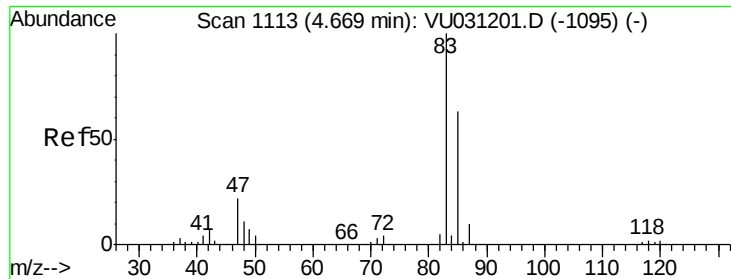


#26

Bromochloromethane
 Concen: 1.918 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 128 Resp: 8449
 Ion Ratio Lower Upper
 128 100
 49 182.3 0.0 345.8
 130 131.8 103.4 155.2

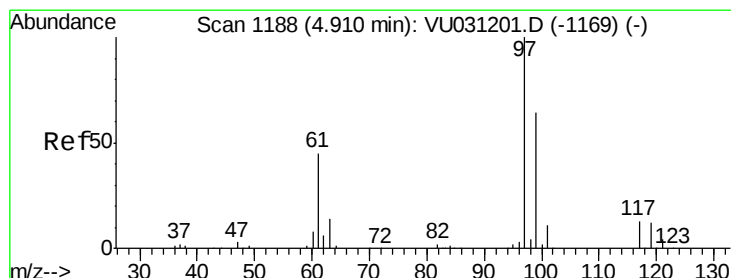
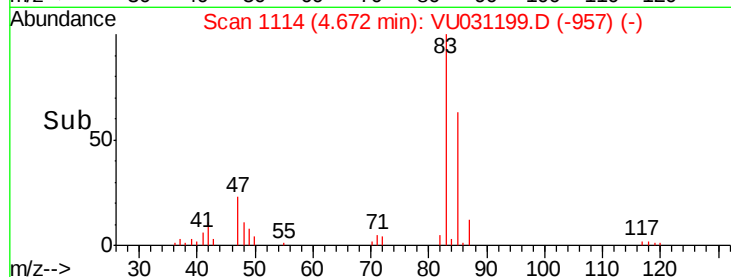
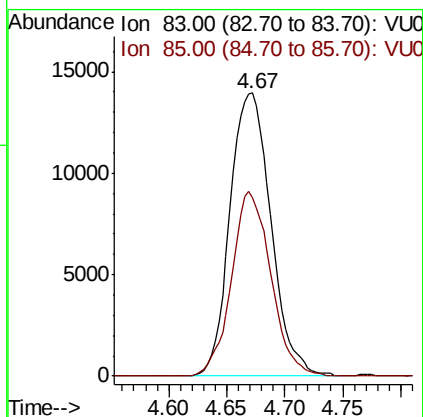
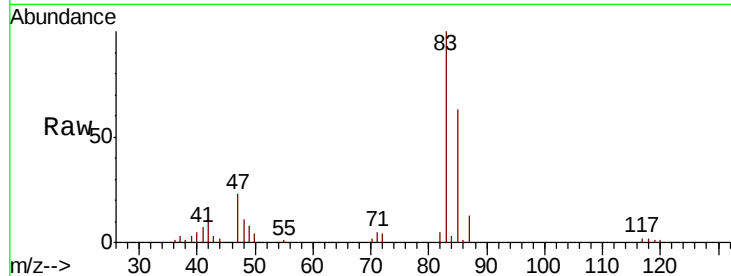




#27
Chloroform
Concen: 1.837 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

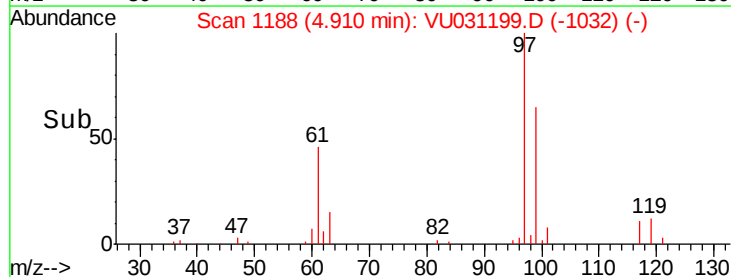
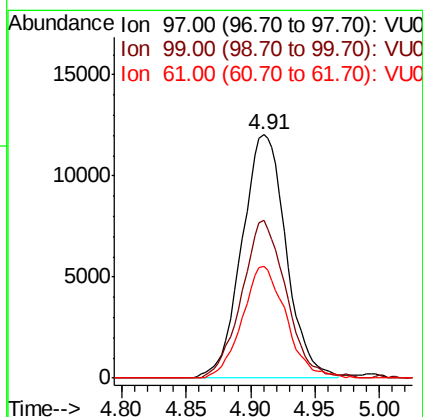
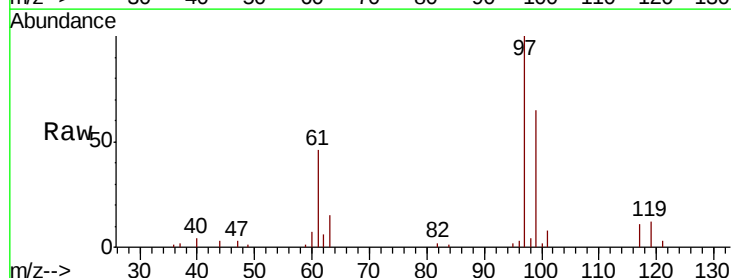
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

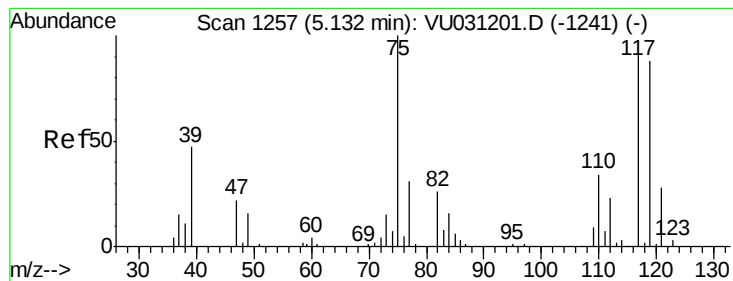
Tgt Ion: 83 Resp: 34300
Ion Ratio Lower Upper
83 100
85 62.9 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 1.872 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 97 Resp: 28777
Ion Ratio Lower Upper
97 100
99 64.6 32.0 96.0
61 45.5 22.2 66.6





#29

1,1-Dichloropropene

Concen: 1.672 ug/l

RT: 5.13 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

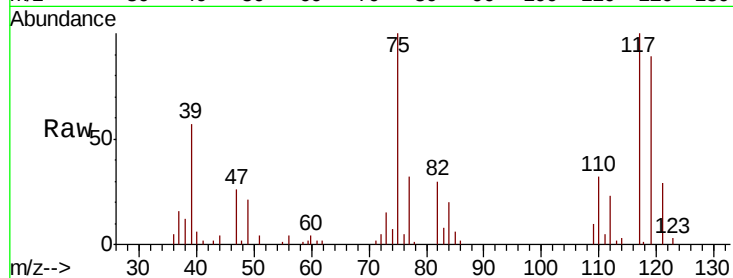
Tgt Ion: 75 Resp: 22507

Ion Ratio Lower Upper

75 100

110 33.6 17.2 51.5

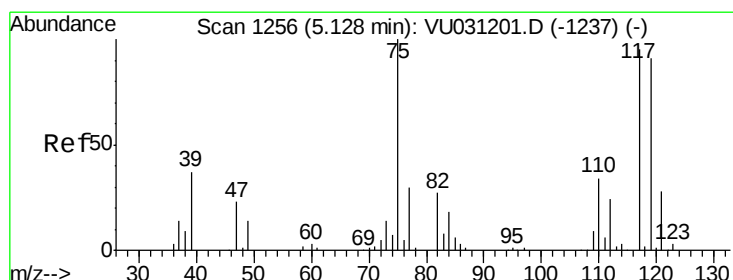
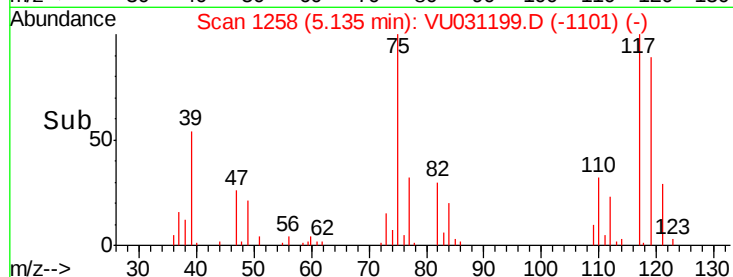
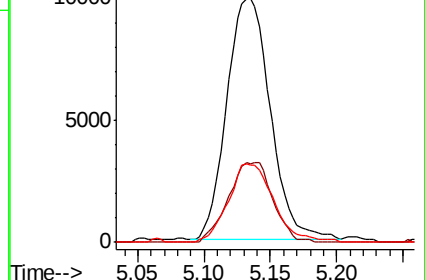
77 34.1 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU031201.D (-1241) (-)

Ion 110.00 (109.70 to 110.70): VU031201.D (-1241) (-)

Ion 77.00 (76.70 to 77.70): VU031201.D (-1241) (-)



#30

Carbon Tetrachloride

Concen: 1.841 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

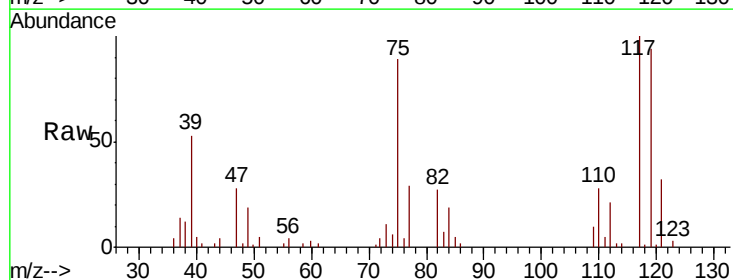
Tgt Ion: 117 Resp: 24707

Ion Ratio Lower Upper

117 100

119 94.2 76.2 114.4

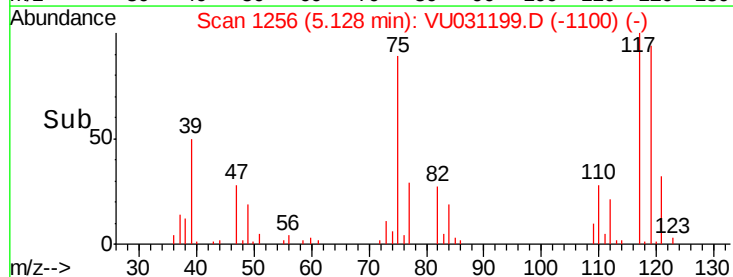
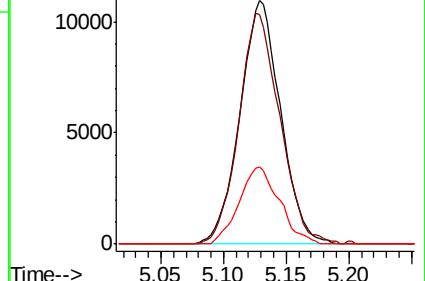
121 31.6 23.8 35.8

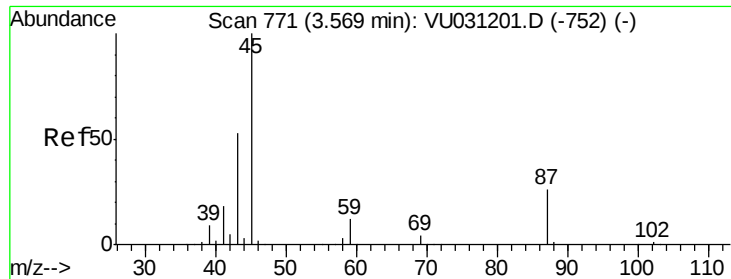


Abundance Ion 117.00 (116.70 to 117.70): VU031201.D (-1237) (-)

Ion 119.00 (118.70 to 119.70): VU031201.D (-1237) (-)

Ion 121.00 (120.70 to 121.70): VU031201.D (-1237) (-)





#31

Isopropyl Ether

Concen: 1.535 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

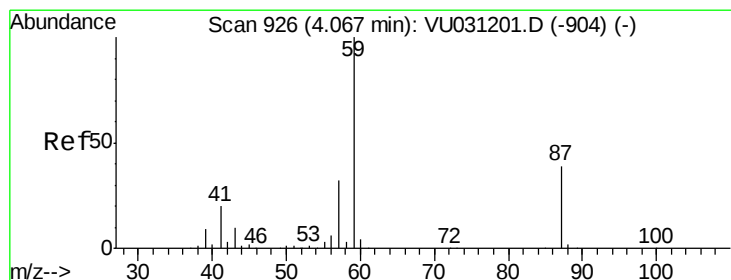
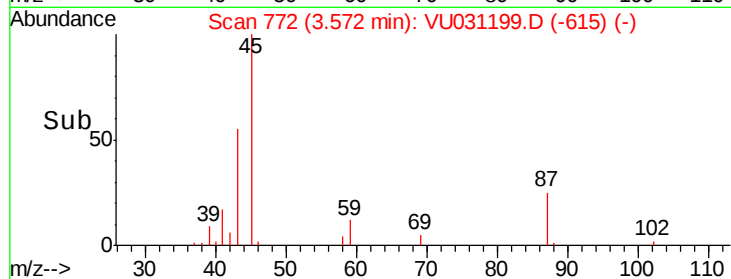
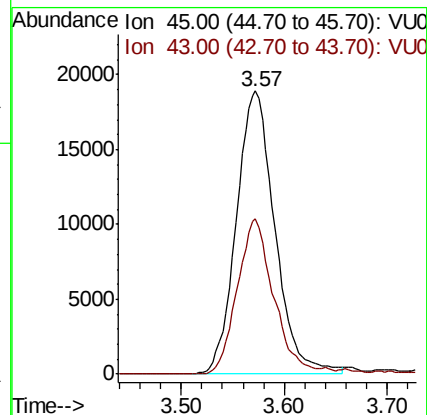
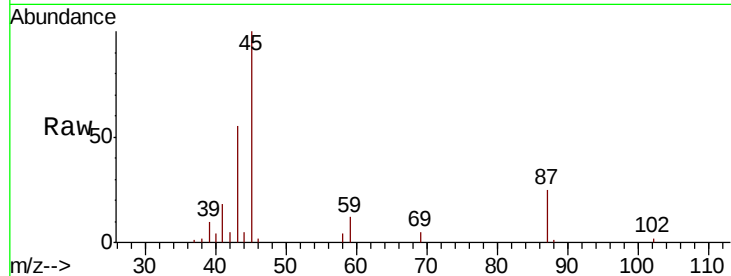
VSTDIC002

Tgt Ion: 45 Resp: 49159

Ion Ratio Lower Upper

45 100

43 51.3 26.4 79.2



#32

Ethyl-t-butyl ether

Concen: 1.532 ug/l

RT: 4.07 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU031199.D

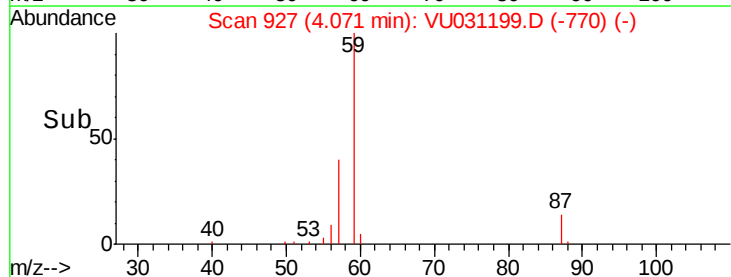
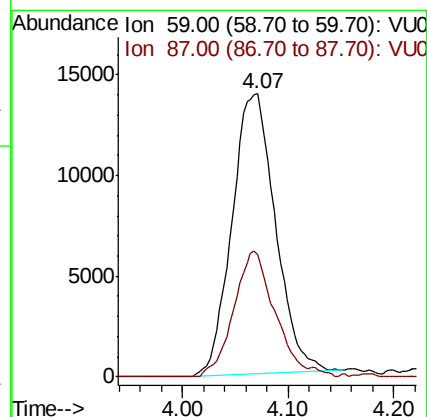
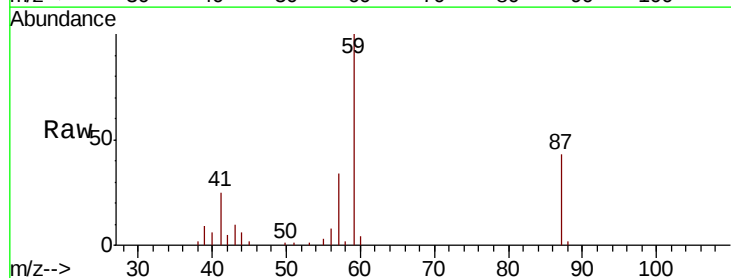
Acq: 15 Apr 2019 21:27

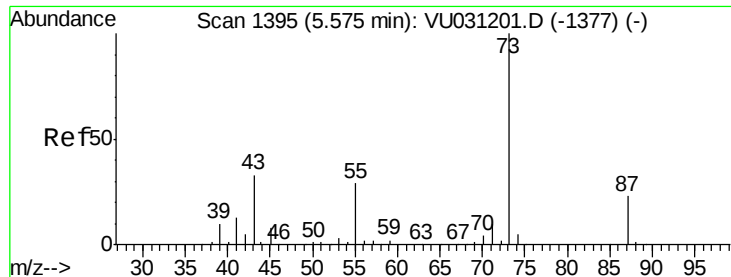
Tgt Ion: 59 Resp: 39859

Ion Ratio Lower Upper

59 100

87 42.9 32.2 48.2

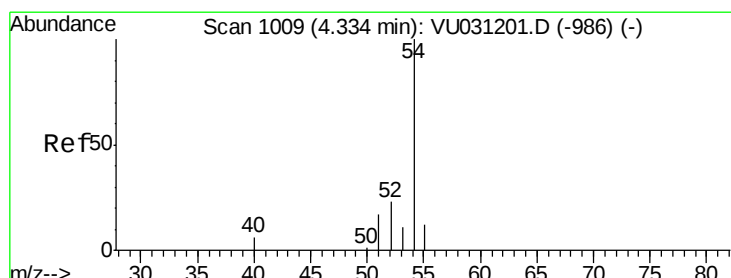
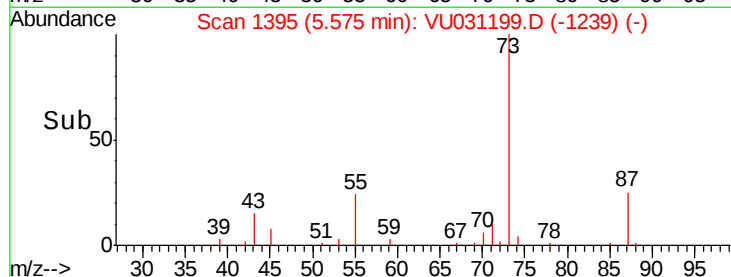
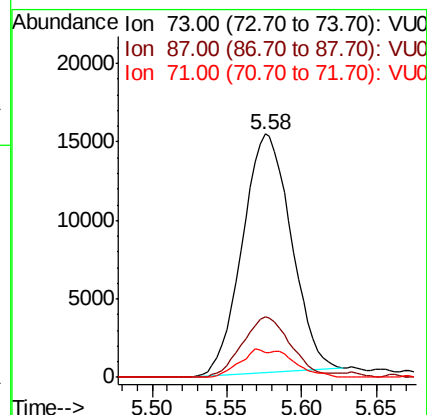
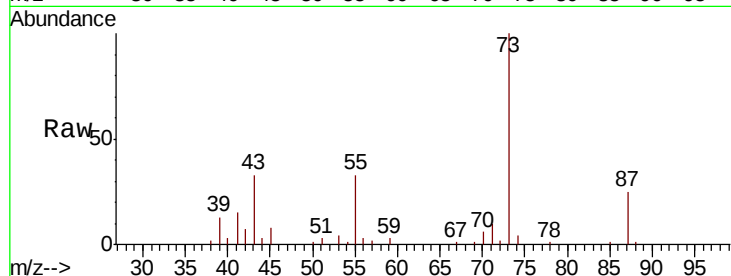




#33
Tert-Amyl methyl ether
Concen: 1.584 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

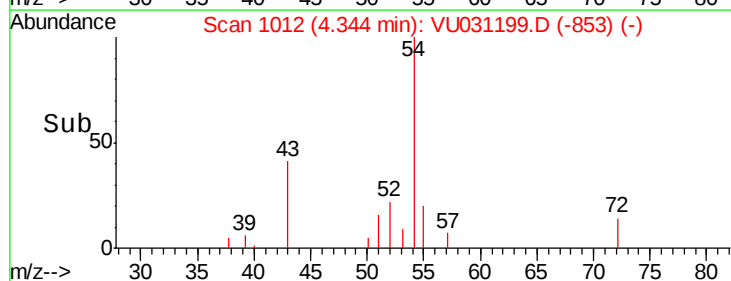
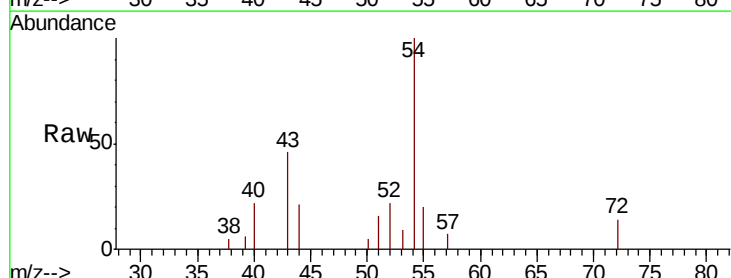
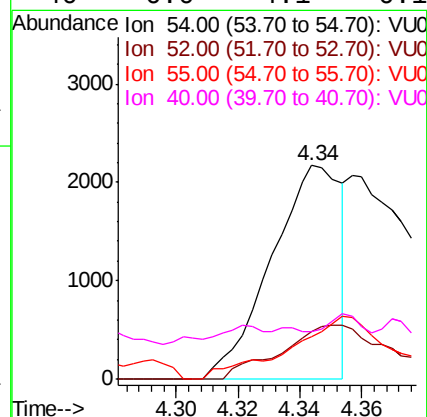
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

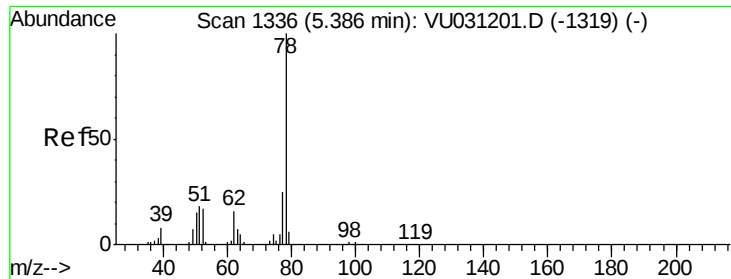
Tgt Ion: 73 Resp: 34660
Ion Ratio Lower Upper
73 100
87 23.2 18.4 27.6
71 7.1 8.8 13.2#



#34
Propionitrile
Concen: 4.032 ug/l
RT: 4.34 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 54 Resp: 3392
Ion Ratio Lower Upper
54 100
52 40.6 15.9 23.9#
55 41.5 8.9 13.3#
40 6.0 4.1 6.1

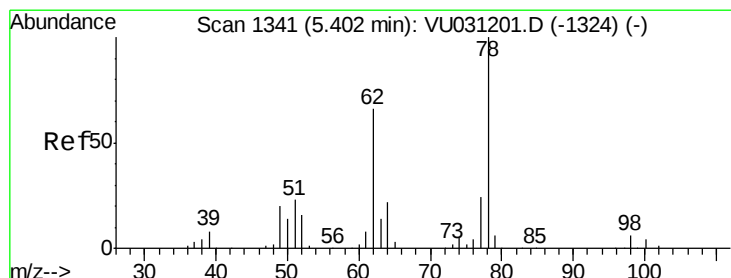
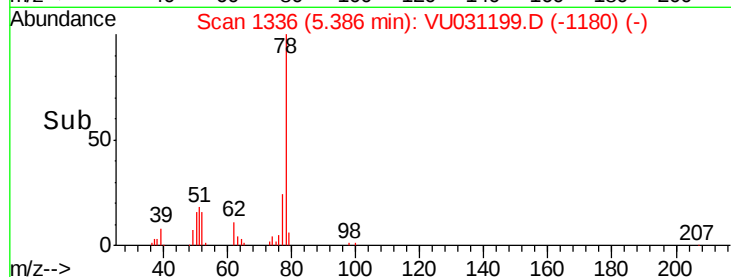
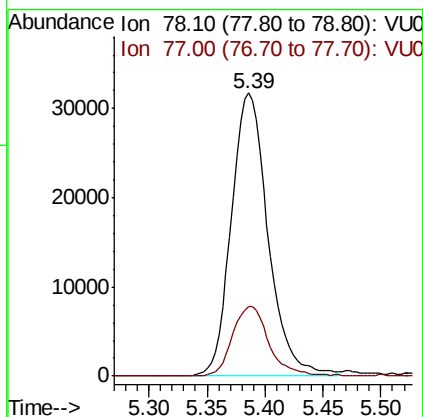
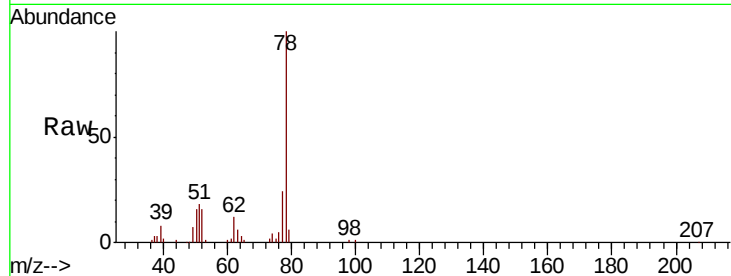




#35
Benzene
Concen: 1.750 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

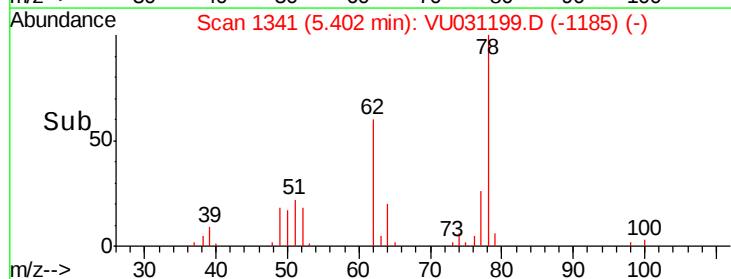
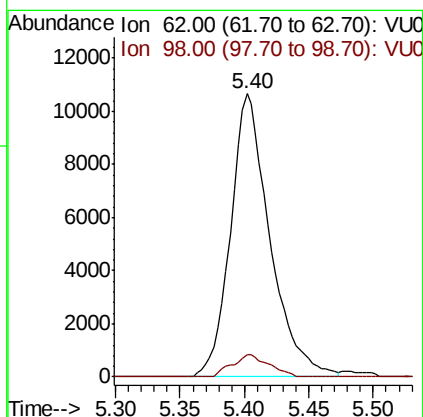
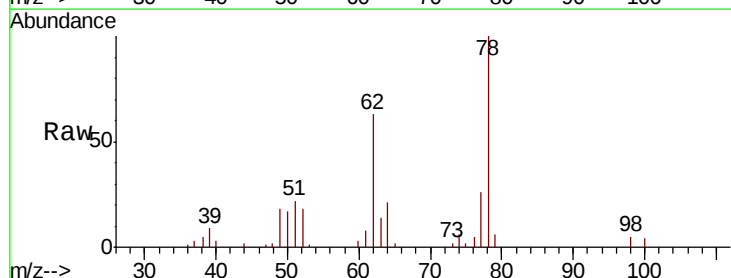
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

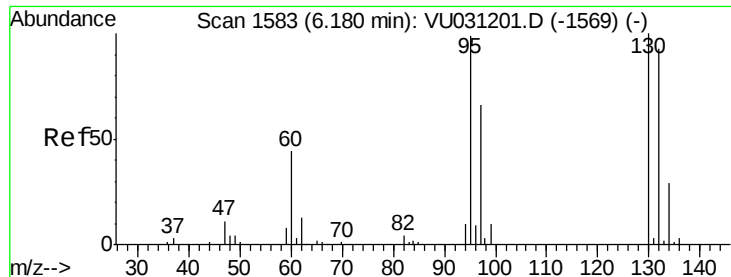
Tgt Ion: 78 Resp: 69958
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4



#36
1,2-Dichloroethane
Concen: 1.777 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 62 Resp: 22591
Ion Ratio Lower Upper
62 100
98 7.4 7.0 10.6

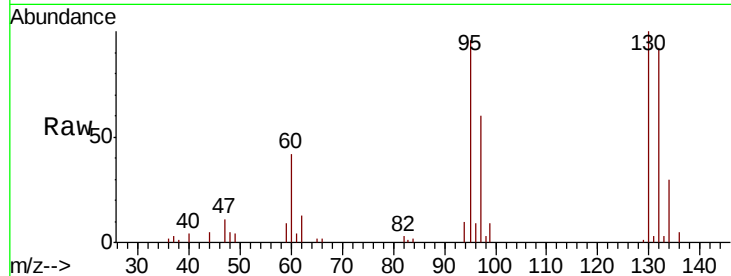




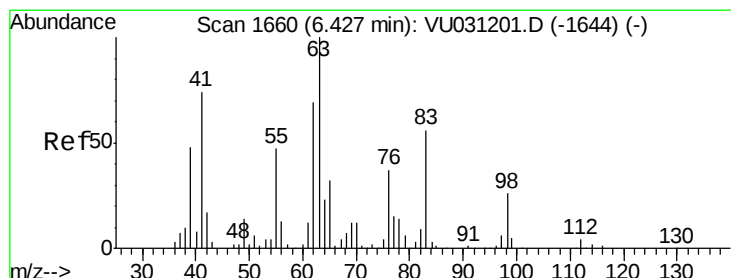
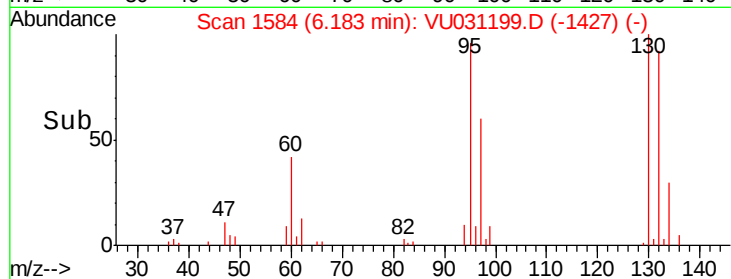
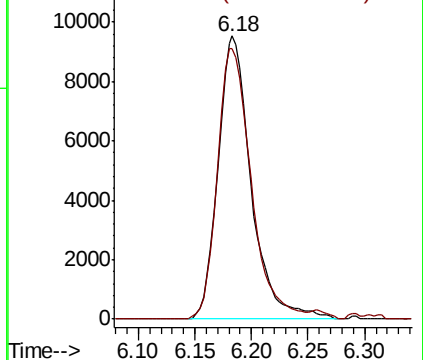
#37
 Trichloroethene
 Concen: 1.988 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:130 Resp: 19341
 Ion Ratio Lower Upper
 130 100
 95 95.8 79.3 118.9

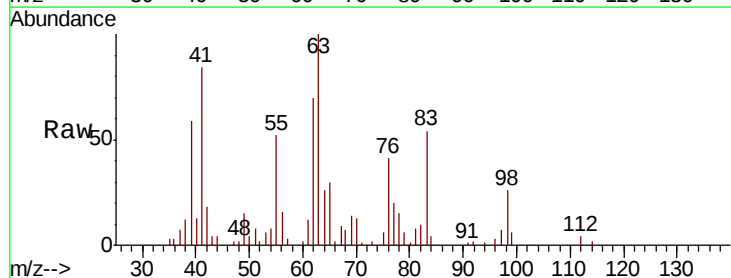


Abundance Ion 129.90 (129.60 to 130.60): VU031201.D (-1569) (-)
 Ion 94.90 (94.60 to 95.60): VU031201.D (-1569) (-)

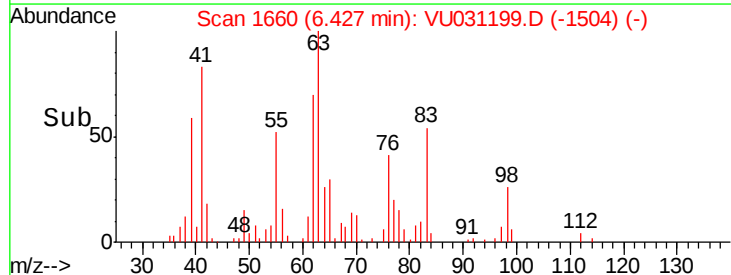
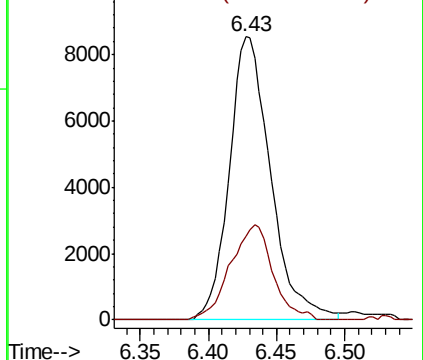


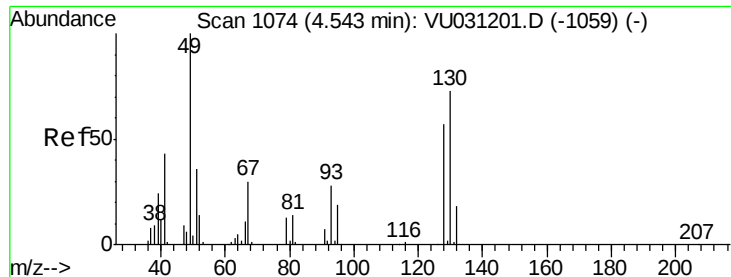
#38
 1,2-Dichloropropane
 Concen: 1.578 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 63 Resp: 17986
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU031201.D (-1644) (-)
 Ion 65.00 (64.70 to 65.70): VU031201.D (-1644) (-)

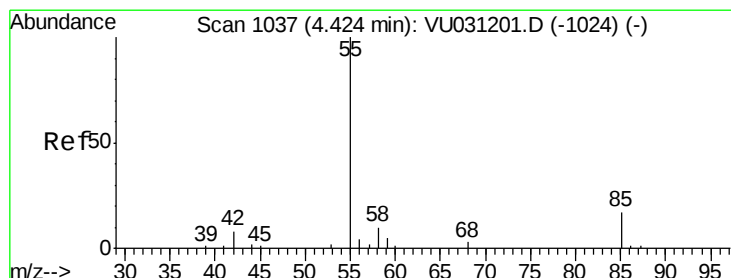
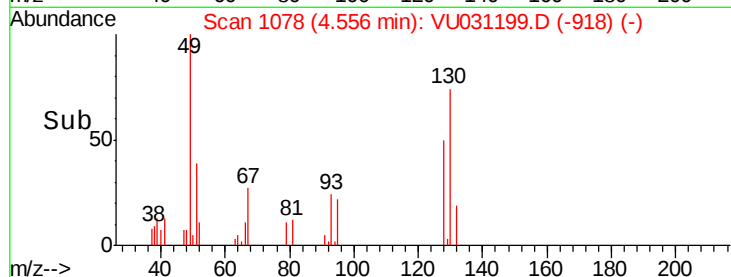
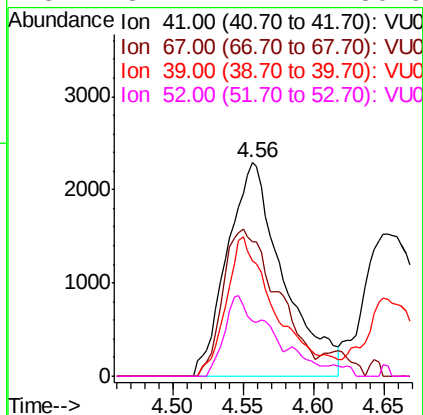
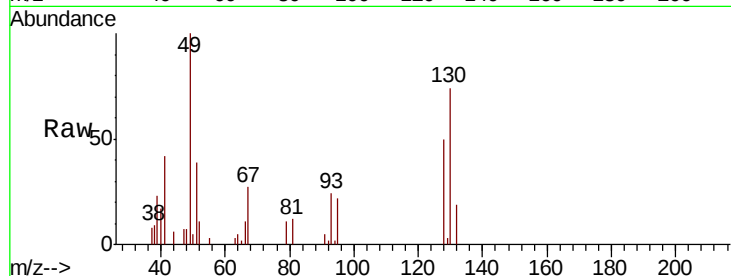




#39
Methacrylonitrile
Concen: 1.525 ug/l
RT: 4.56 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

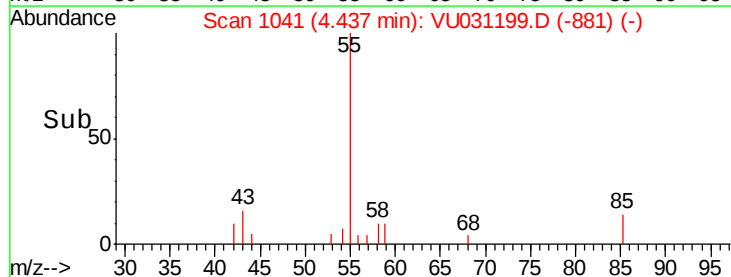
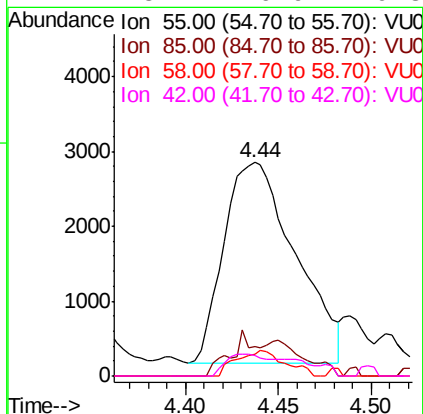
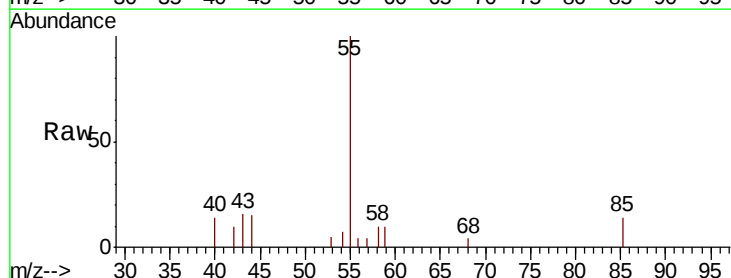
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

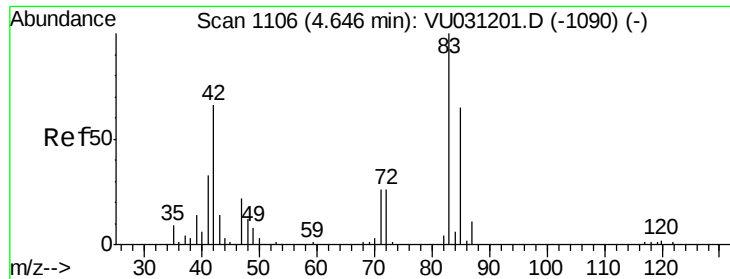
Tgt Ion:	41	Resp:	6344
Ion	Ratio	Lower	Upper
41	100		
67	67.5	59.7	89.5
39	59.2	42.2	63.2
52	32.4	24.4	36.6



#40
Methyl acrylate
Concen: 1.405 ug/l
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion:	55	Resp:	7183
Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.2	18.2#
58	8.6	7.0	10.6
42	5.7	6.9	10.3#

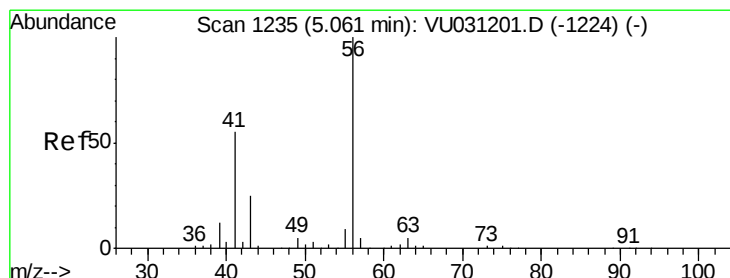
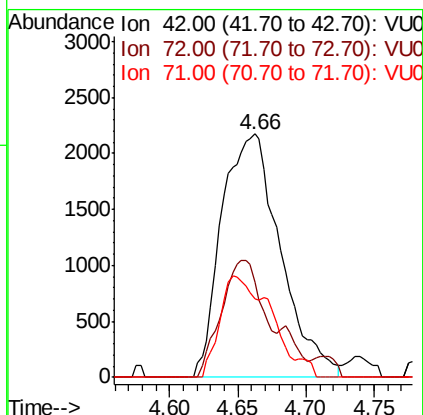
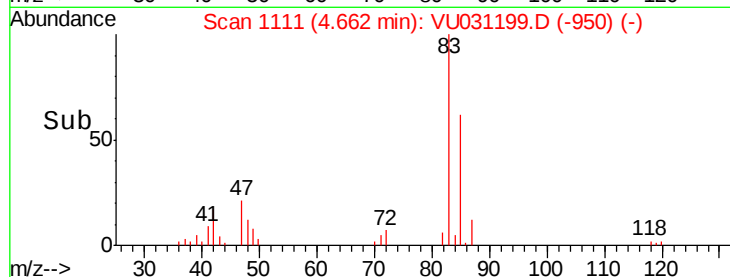
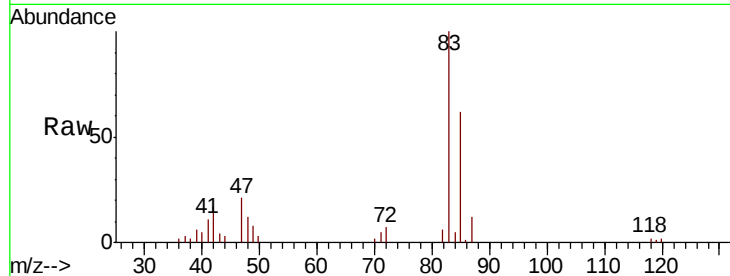




#41
Tetrahydrofuran
Concen: 2.901 ug/l
RT: 4.66 min Scan# 1111
Delta R.T. 0.02 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

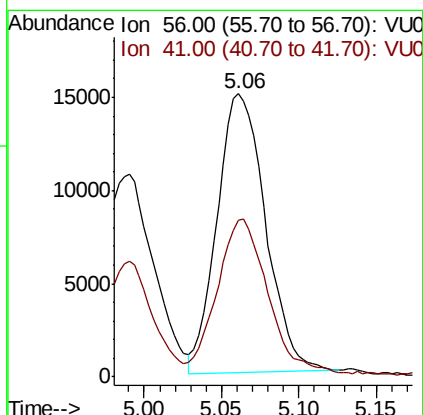
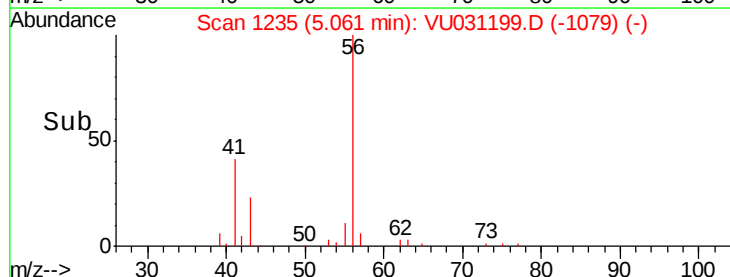
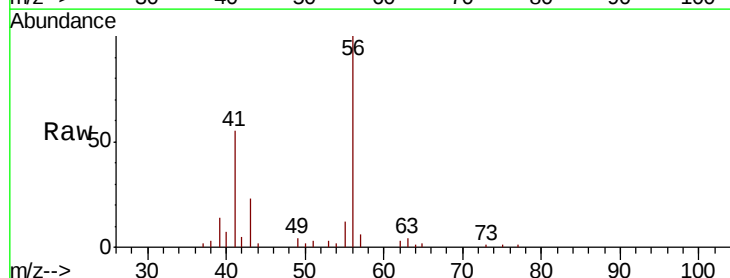
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

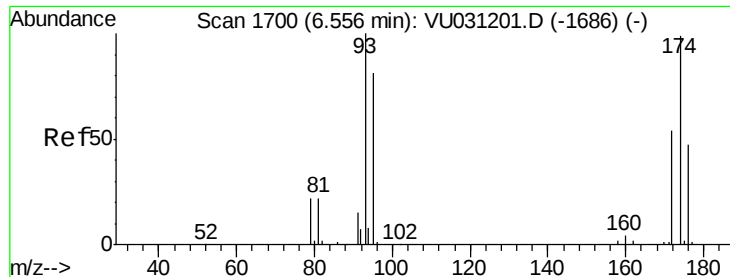
Tgt Ion: 42 Resp: 6495
Ion Ratio Lower Upper
42 100
72 34.3 34.4 51.6#
71 37.0 32.0 48.0



#42
1-Chlorobutane
Concen: 1.584 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 56 Resp: 32398
Ion Ratio Lower Upper
56 100
41 58.1 27.3 81.9

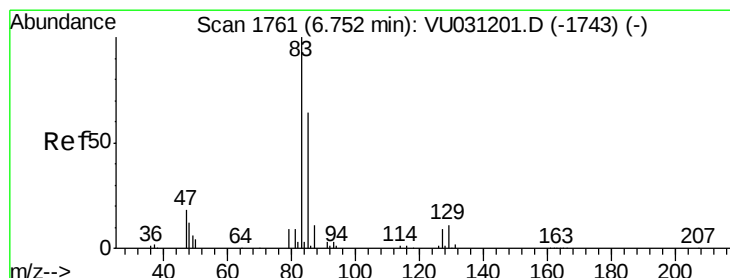
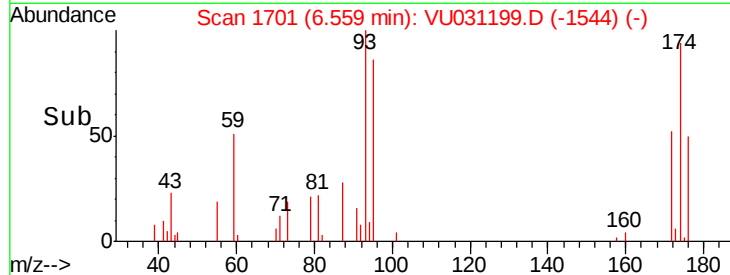
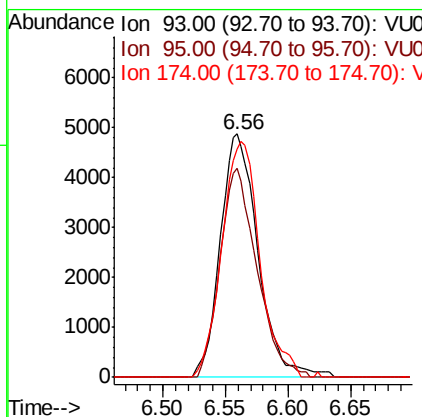
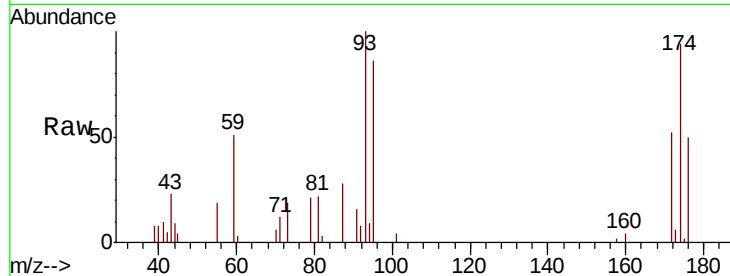




#43
 Dibromomethane
 Concen: 1.899 ug/l
 RT: 6.56 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

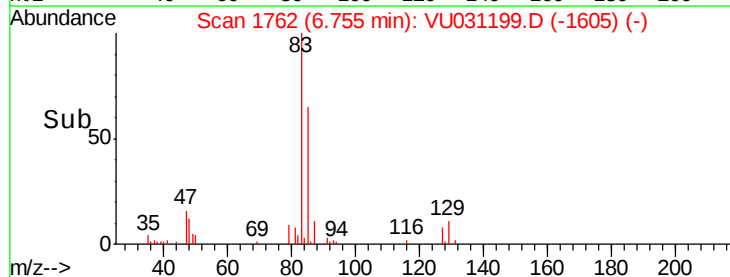
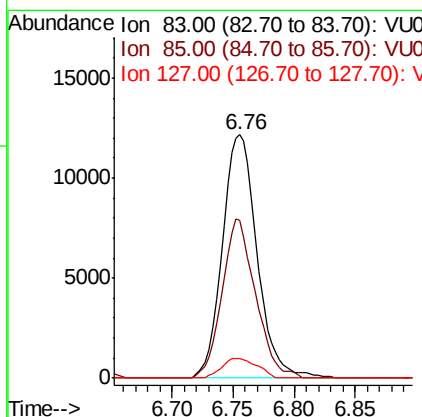
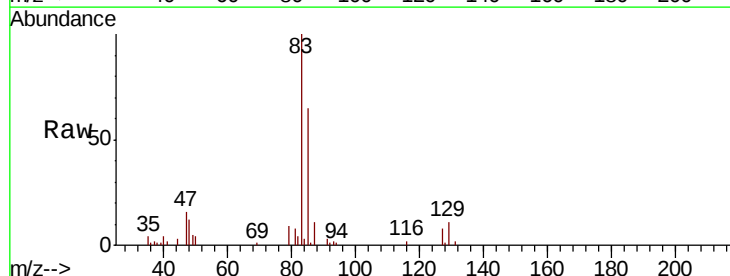
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

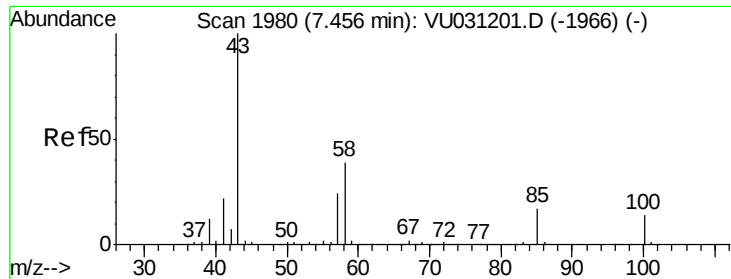
Tgt Ion: 93 Resp: 10155
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 97.8 79.1 118.7



#44
 Bromodichloromethane
 Concen: 1.734 ug/l
 RT: 6.76 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 83 Resp: 24218
 Ion Ratio Lower Upper
 83 100
 85 65.0 51.0 76.6
 127 8.0 7.4 11.0

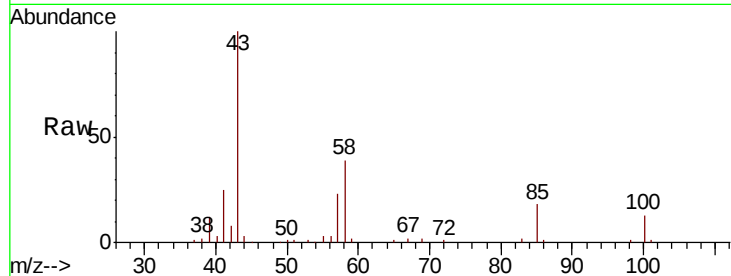




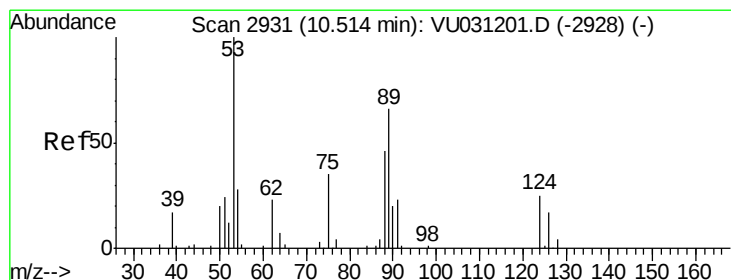
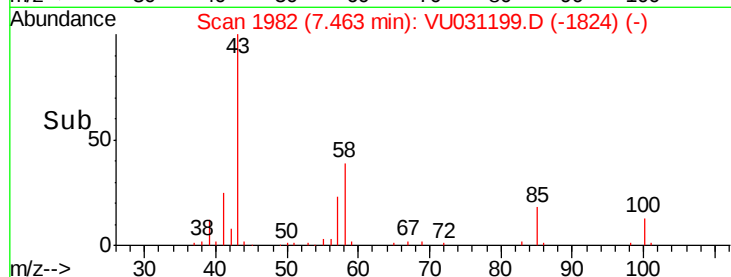
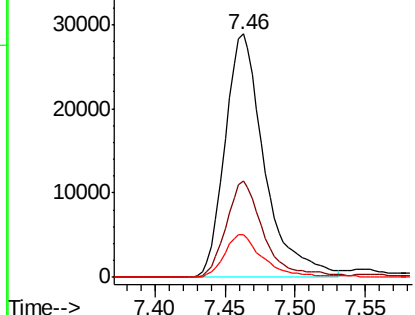
#45
4-Methyl-2-Pentanone
Concen: 7.435 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 56543
Ion Ratio Lower Upper
43 100
58 37.7 19.4 58.2
85 16.9 13.2 19.8

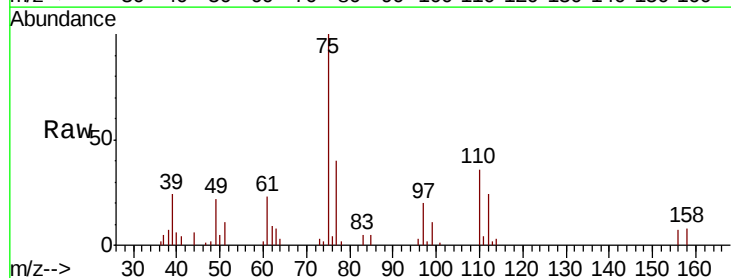


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

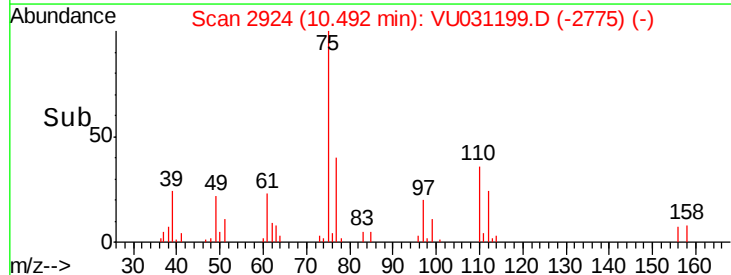
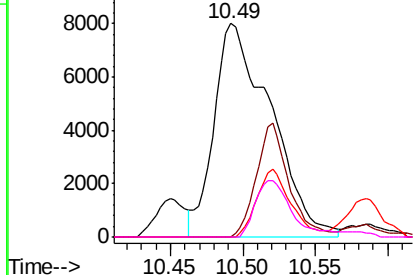


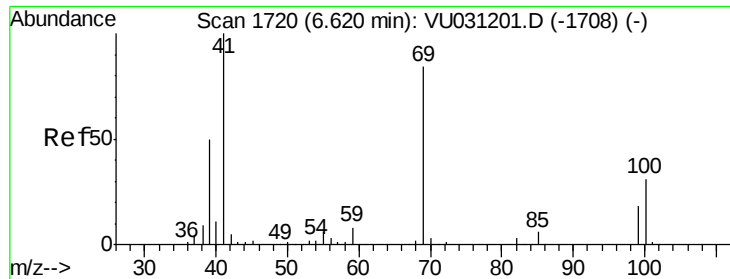
#46
t-1,4-Dichloro-2-butene
Concen: 8.349 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 75 Resp: 21858
Ion Ratio Lower Upper
75 100
53 30.5 65.2 97.8#
89 18.9 43.0 64.4#
88 16.9 32.5 48.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

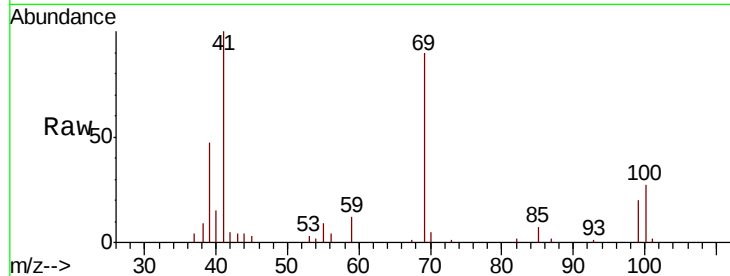




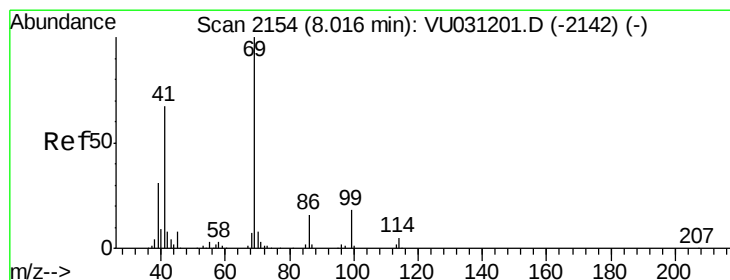
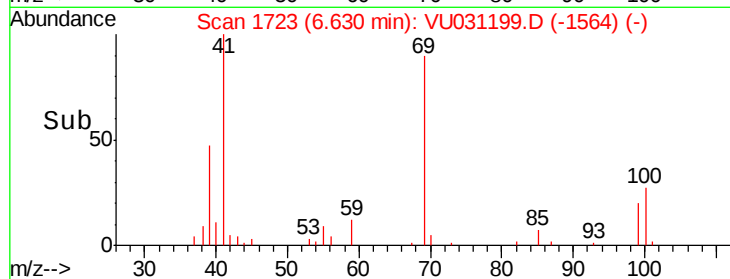
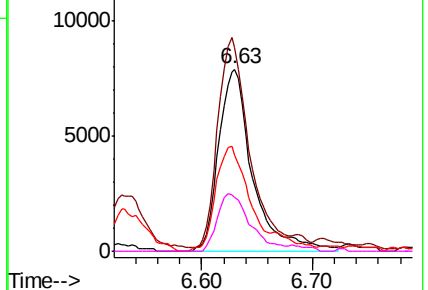
#47
Methyl methacrylate
Concen: 3.443 ug/l
RT: 6.63 min Scan# 1723
Delta R.T. 0.01 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 69 Resp: 16779
Ion Ratio Lower Upper
69 100
41 106.0 0.0 237.2
39 62.3 47.4 71.2
100 30.4 29.2 43.8

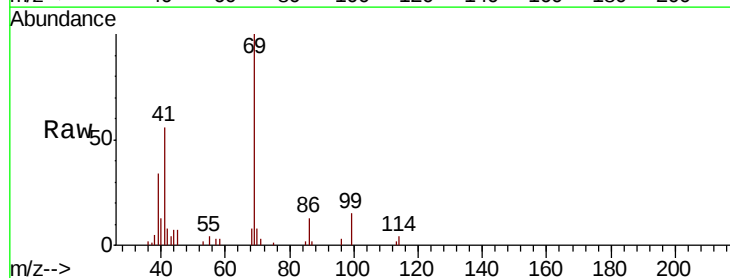


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

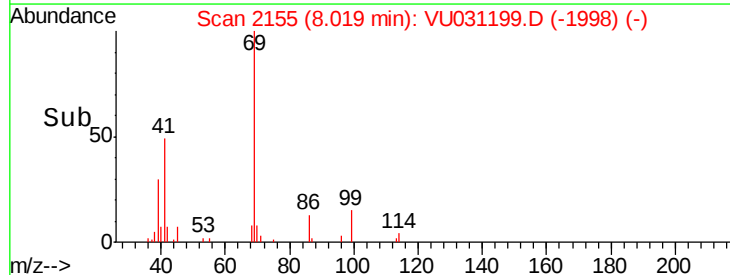
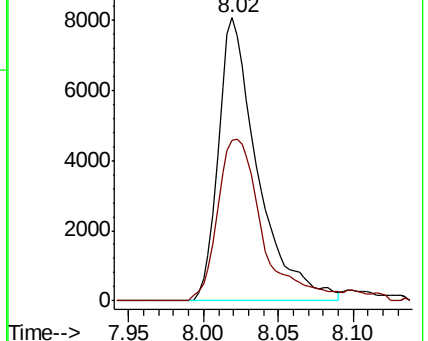


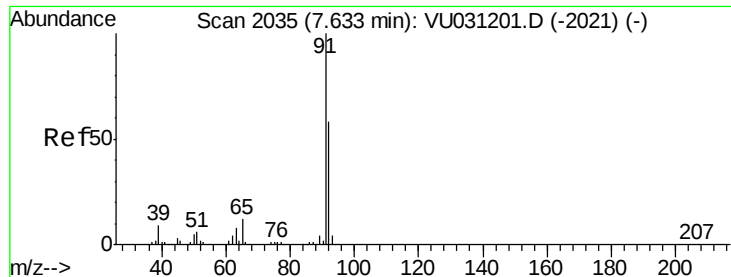
#48
Ethyl methacrylate
Concen: 1.620 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 69 Resp: 14789
Ion Ratio Lower Upper
69 100
41 65.0 32.5 97.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.693 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

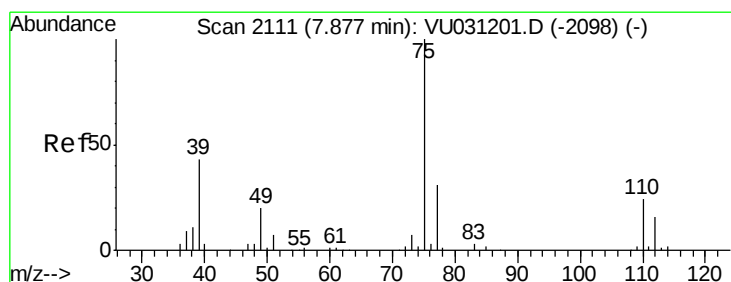
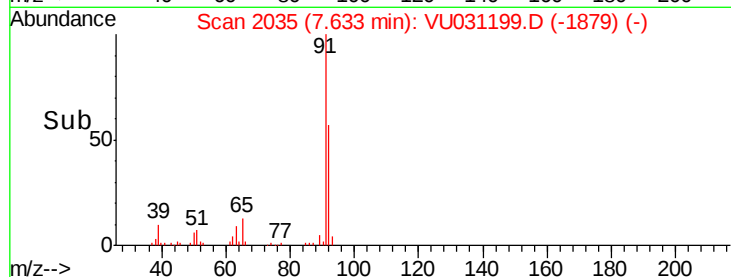
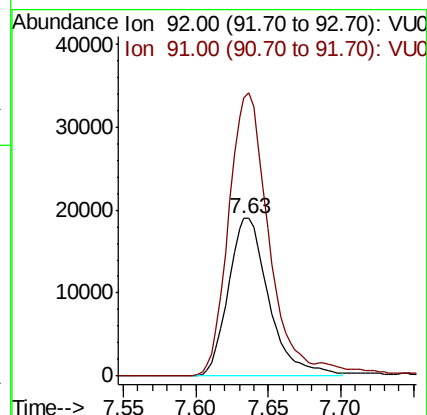
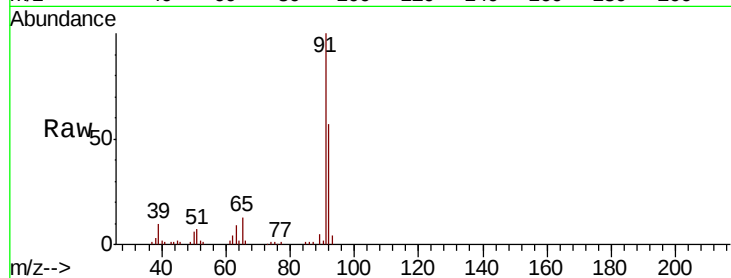
VSTDIC002

Tgt Ion: 92 Resp: 36919

Ion Ratio Lower Upper

92 100

91 181.5 140.2 210.4



#50

t-1,3-Dichloropropene

Concen: 1.606 ug/l

RT: 7.88 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VU031199.D

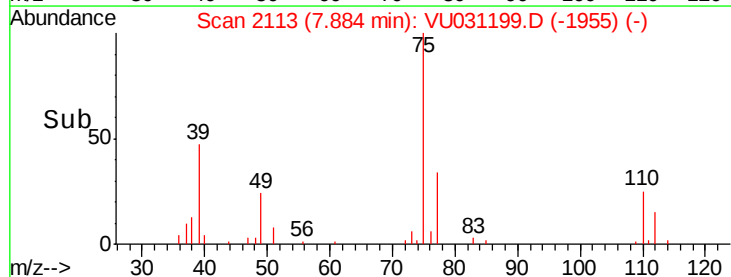
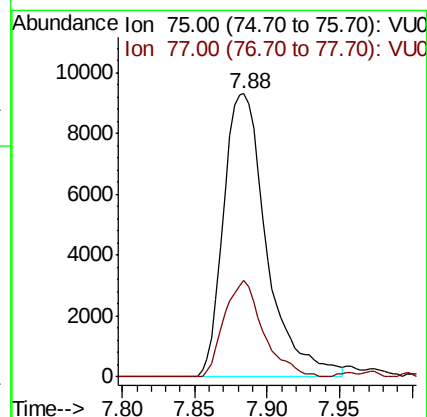
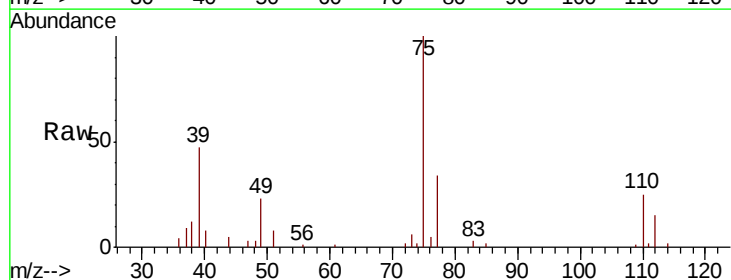
Acq: 15 Apr 2019 21:27

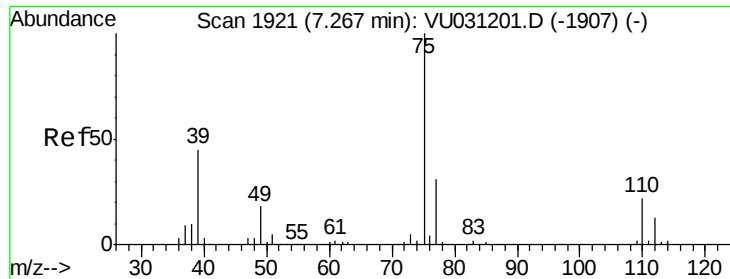
Tgt Ion: 75 Resp: 19235

Ion Ratio Lower Upper

75 100

77 33.9 24.6 37.0



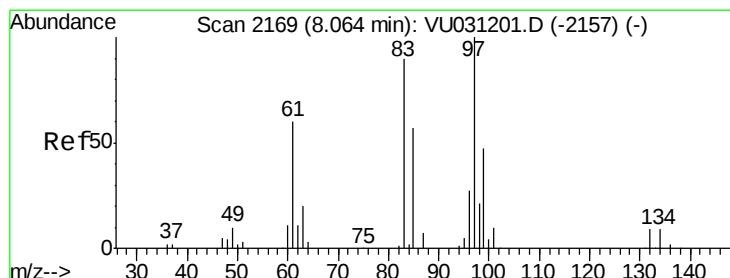
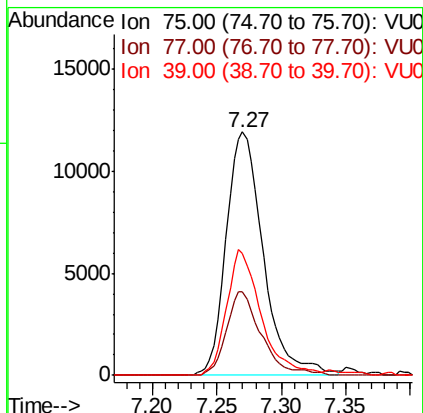
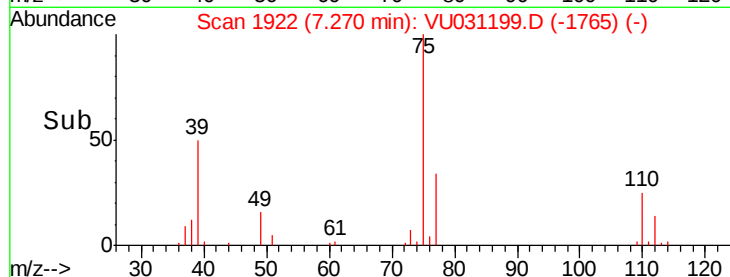
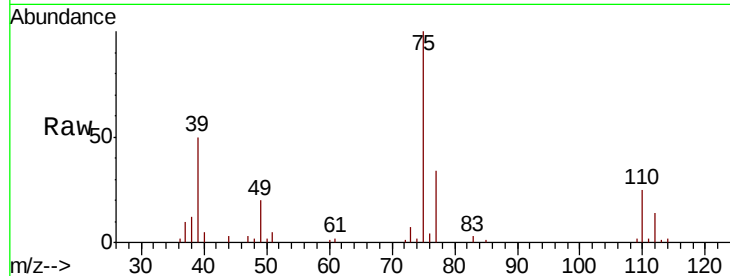


#51

cis-1,3-Dichloropropene
Concen: 1.661 ug/l
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

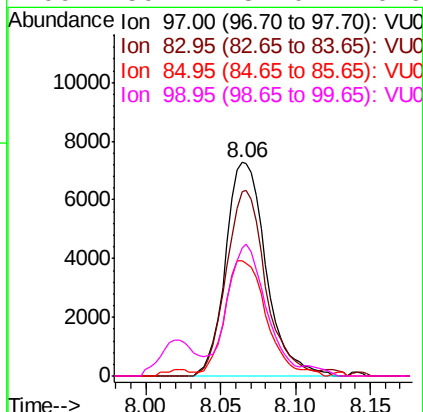
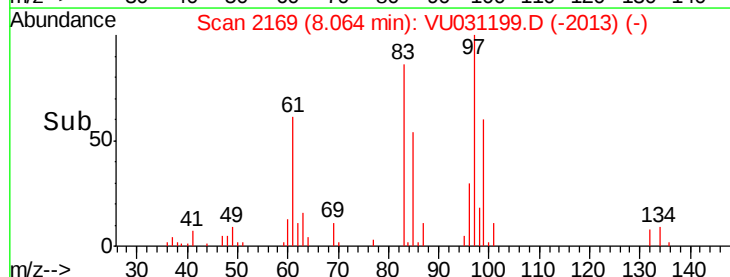
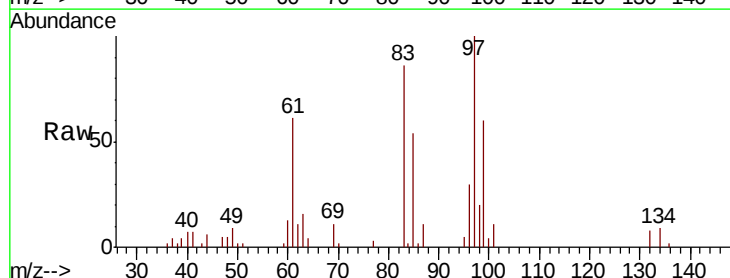
Tgt Ion: 75 Resp: 23900
Ion Ratio Lower Upper
75 100
77 34.3 24.6 37.0
39 50.0 36.1 54.1

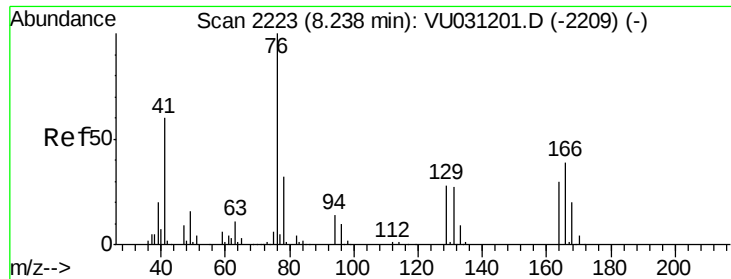


#52

1,1,2-Trichloroethane
Concen: 1.795 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 97 Resp: 13694
Ion Ratio Lower Upper
97 100
83 86.1 71.5 107.3
85 52.5 46.7 70.1
99 59.7 51.0 76.6

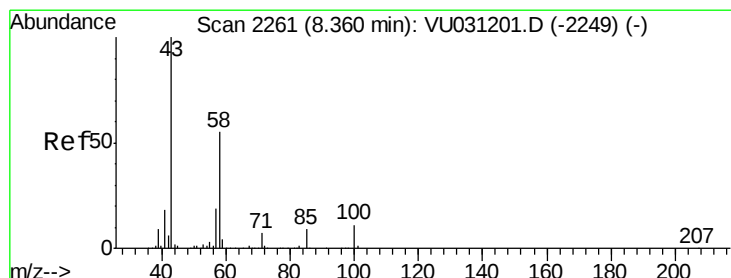
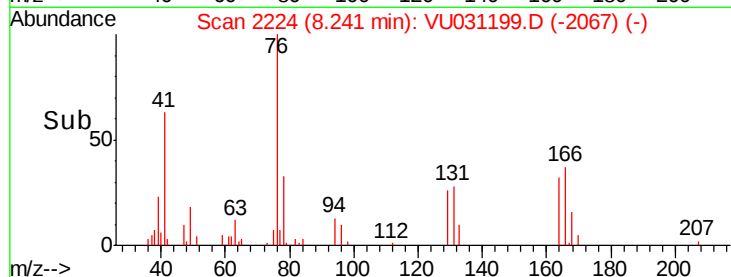
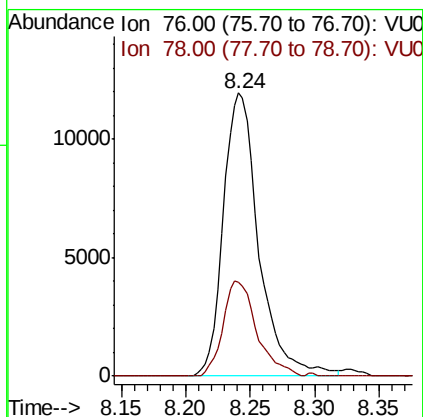
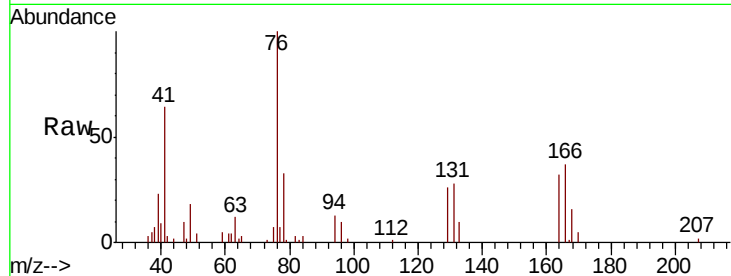




#53
 1,3-Dichloropropane
 Concen: 1.707 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

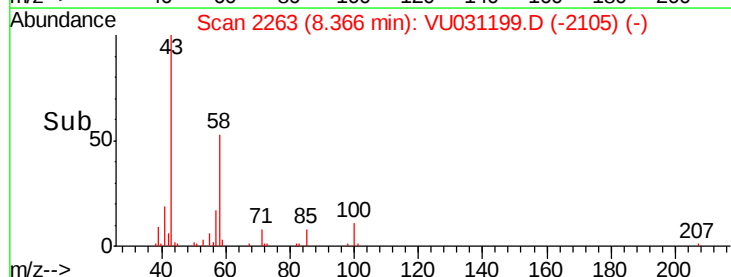
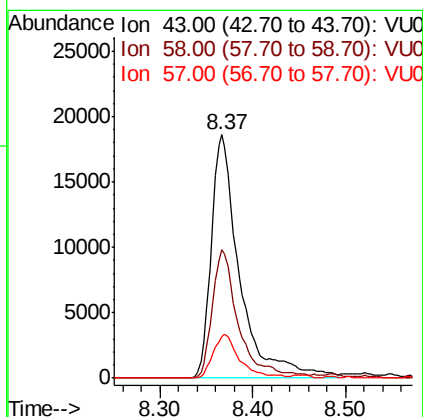
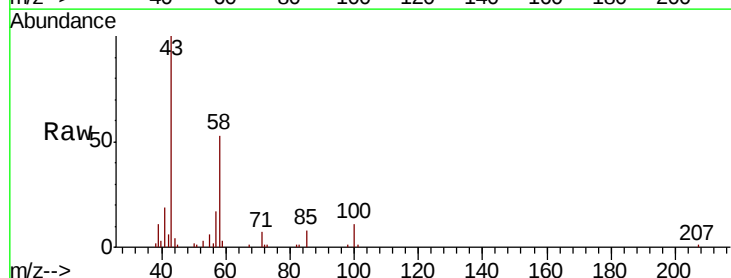
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

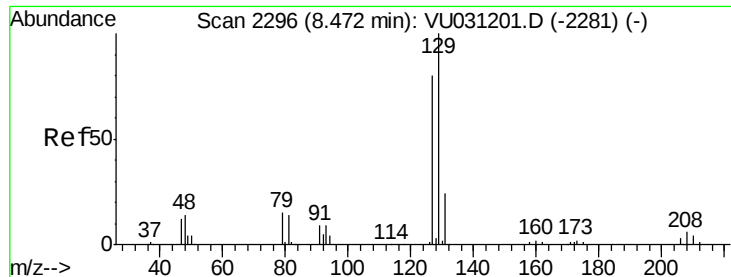
Tgt Ion: 76 Resp: 22793
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9



#54
 2-Hexanone
 Concen: 7.866 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 43 Resp: 39680
 Ion Ratio Lower Upper
 43 100
 58 49.4 35.5 75.5
 57 16.7 0.0 38.7





#55

Dibromochloromethane

Concen: 1.795 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

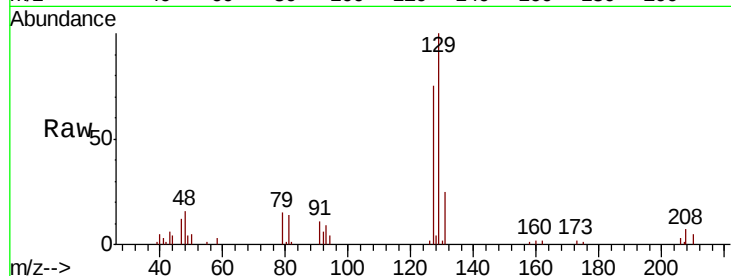
VSTDIC002

Tgt Ion:129 Resp: 15555

Ion Ratio Lower Upper

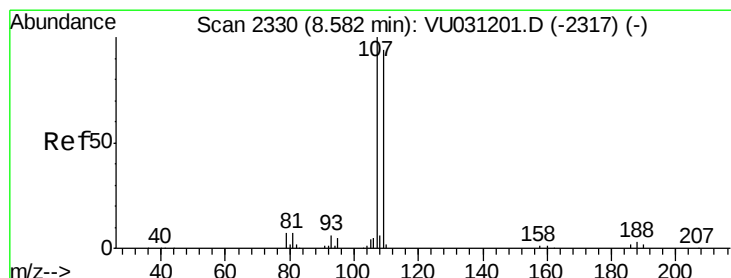
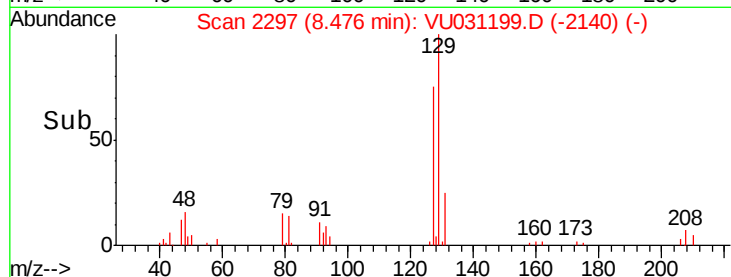
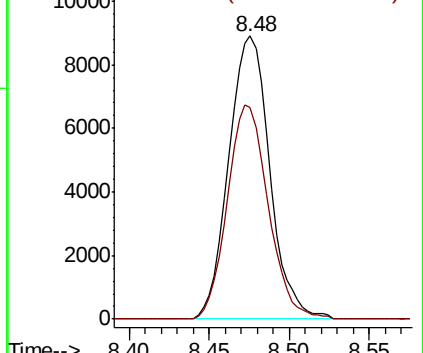
129 100

127 75.6 62.2 93.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.870 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU031199.D

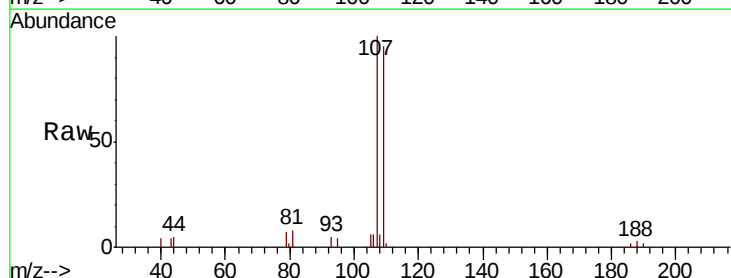
Acq: 15 Apr 2019 21:27

Tgt Ion:107 Resp: 12872

Ion Ratio Lower Upper

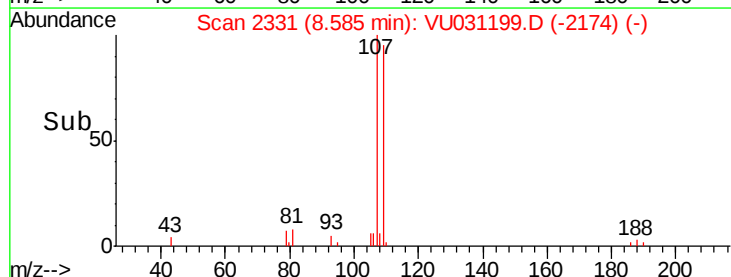
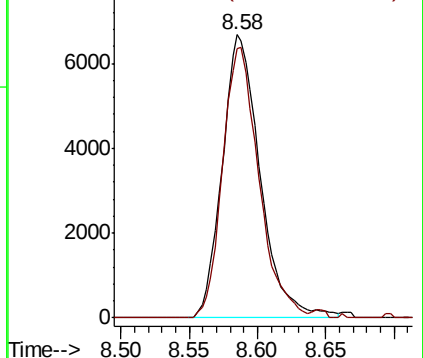
107 100

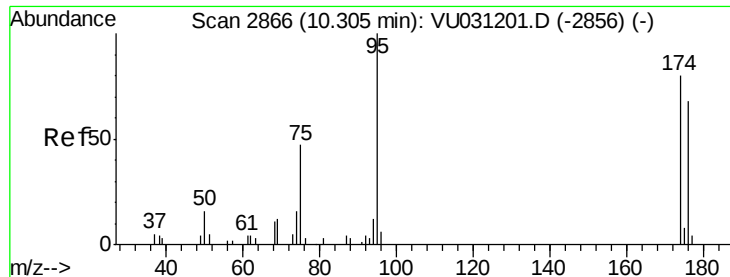
109 91.7 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

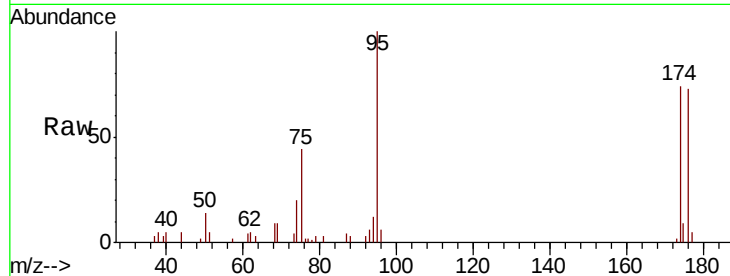




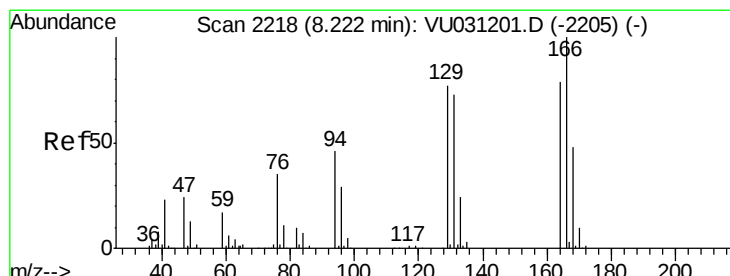
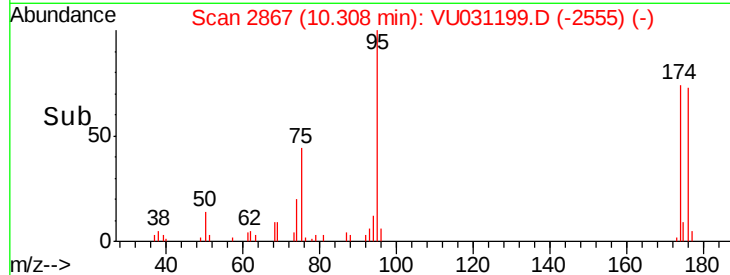
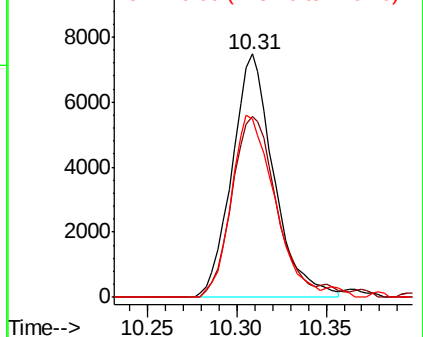
#57
4-Bromofluorobenzene
Concen: 1.870 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 95 Resp: 12196
Ion Ratio Lower Upper
95 100
174 78.2 64.2 96.2
176 77.4 58.0 87.0

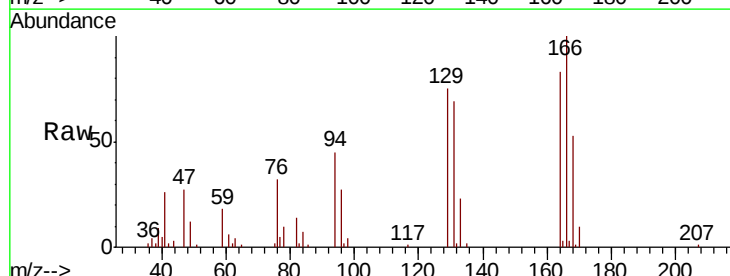


Abundance Ion 95.00 (94.70 to 95.70): VU031199.D (-2555) (-)
Ion 174.00 (173.70 to 174.70): VU031199.D (-2555) (-)
Ion 176.00 (175.70 to 176.70): VU031199.D (-2555) (-)

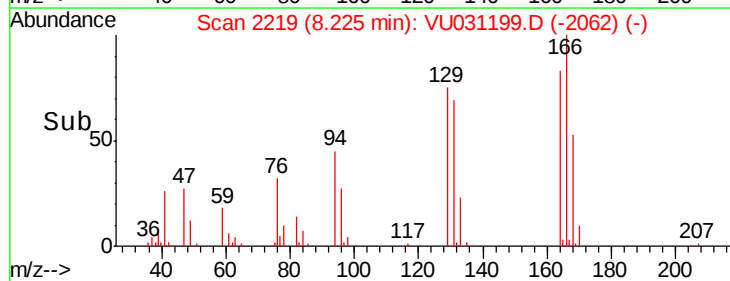
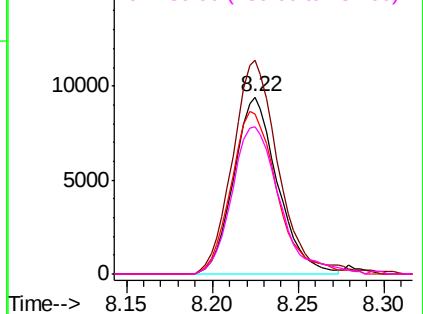


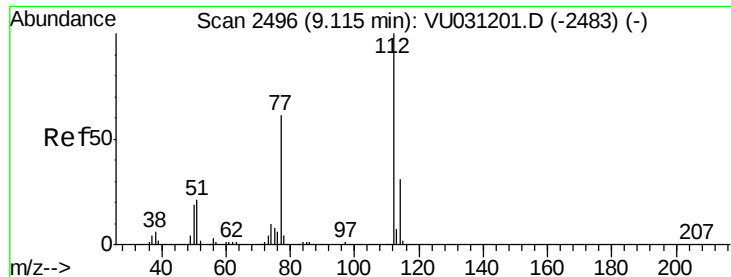
#58
Tetrachloroethene
Concen: 1.927 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 164 Resp: 16661
Ion Ratio Lower Upper
164 100
166 120.8 100.9 151.3
129 90.5 77.6 116.4
131 83.6 73.5 110.3



Abundance Ion 163.85 (163.55 to 164.55): VU031199.D (-2062) (-)
Ion 165.80 (165.50 to 166.50): VU031199.D (-2062) (-)
Ion 128.90 (128.60 to 129.60): VU031199.D (-2062) (-)
Ion 130.90 (130.60 to 131.60): VU031199.D (-2062) (-)





#59

Chlorobenzene

Concen: 1.784 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

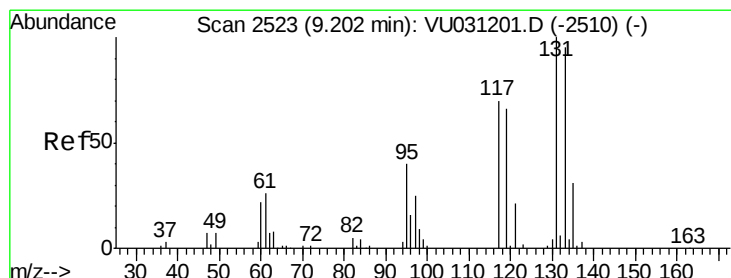
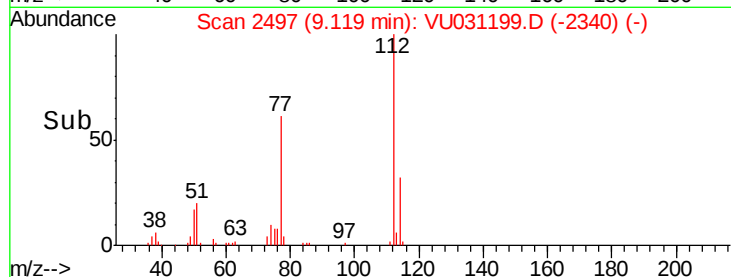
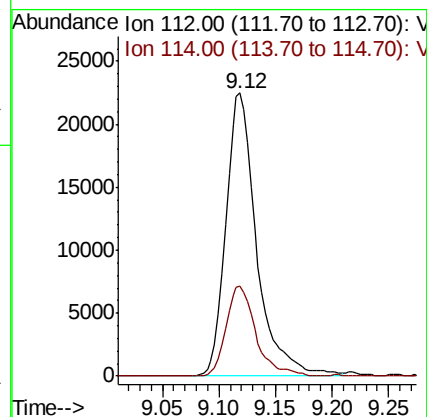
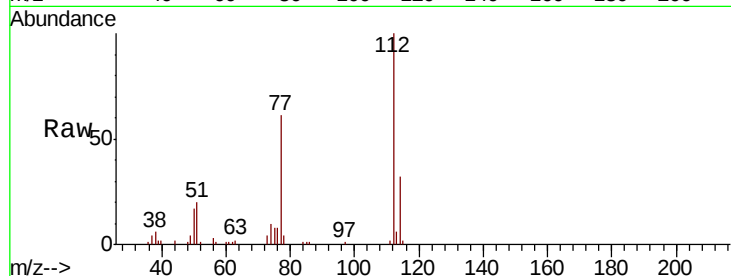
VSTDIC002

Tgt Ion:112 Resp: 42547

Ion Ratio Lower Upper

112 100

114 31.8 24.4 36.6



#60

1,1,1,2-Tetrachloroethane

Concen: 1.812 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

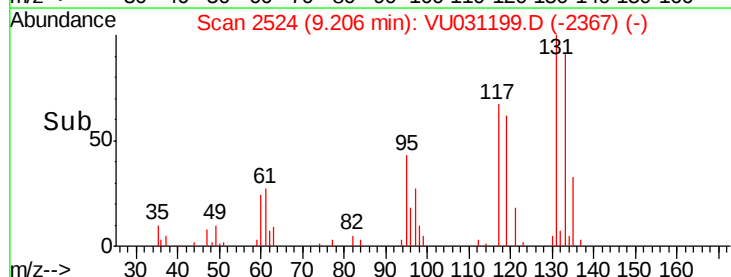
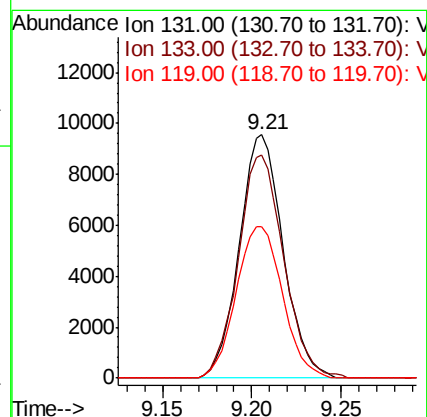
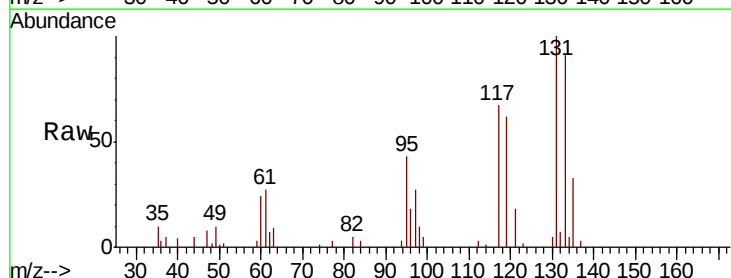
Tgt Ion:131 Resp: 16307

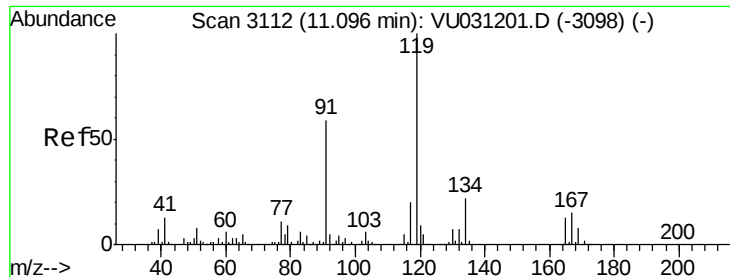
Ion Ratio Lower Upper

131 100

133 95.0 77.2 115.8

119 65.8 51.4 77.2





#61

Pentachloroethane

Concen: 1.819 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

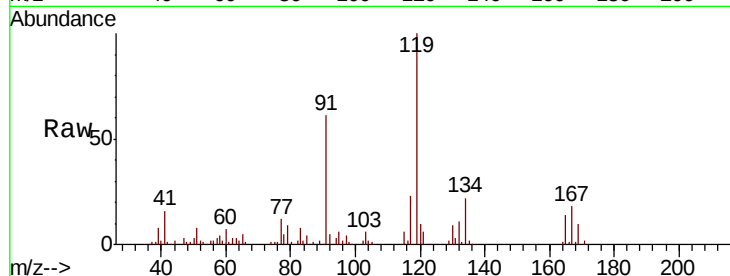
VSTDIC002

Tgt Ion:117 Resp: 12542

Ion Ratio Lower Upper

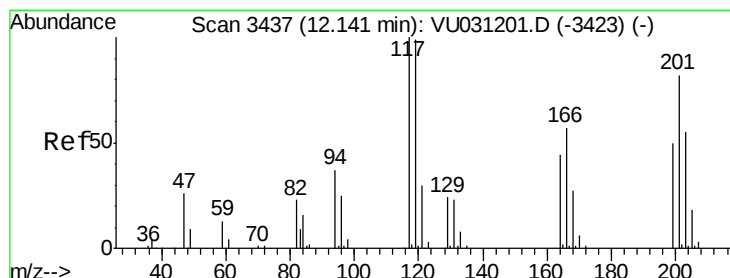
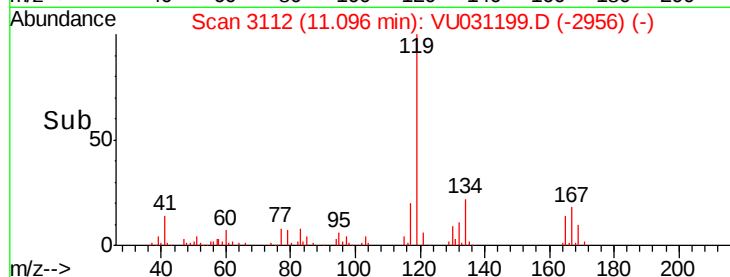
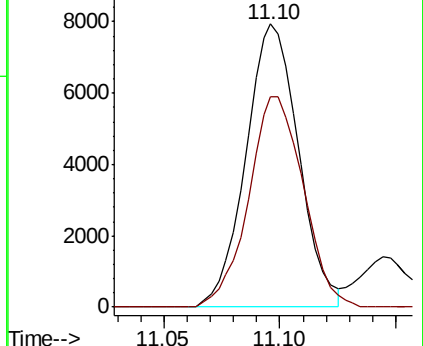
117 100

167 77.4 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: 1.840 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031199.D

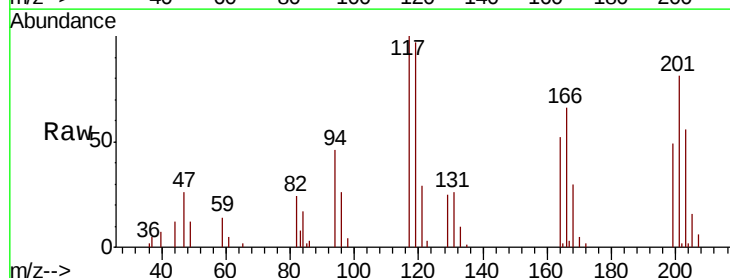
Acq: 15 Apr 2019 21:27

Tgt Ion:117 Resp: 12054

Ion Ratio Lower Upper

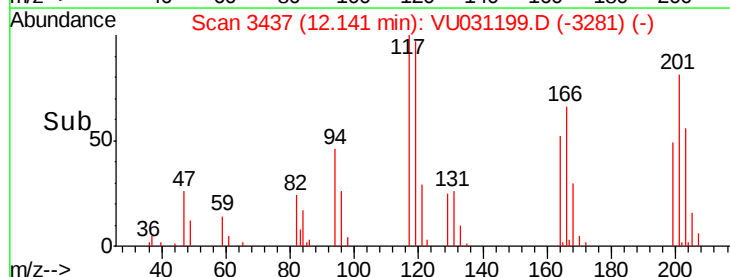
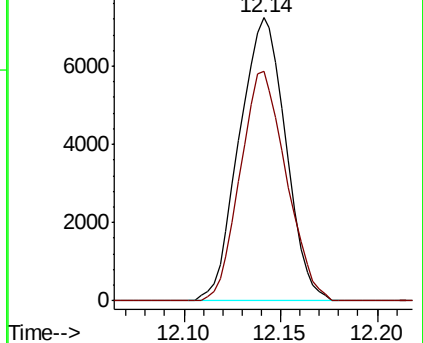
117 100

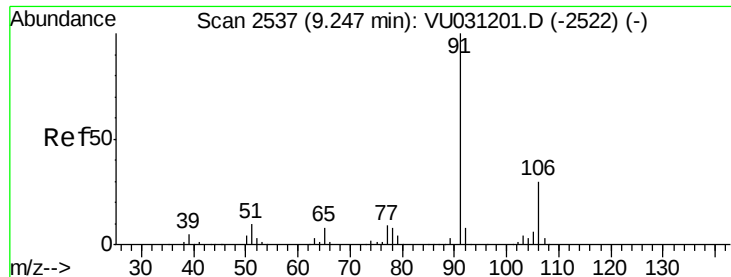
201 80.4 63.9 95.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

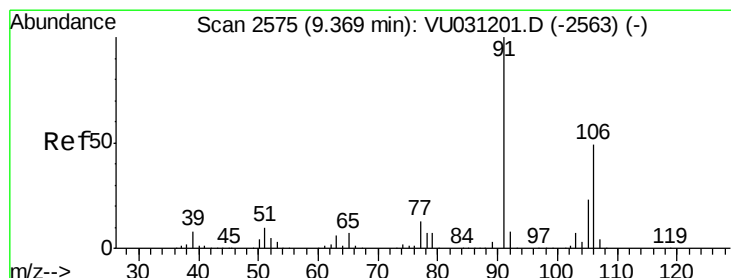
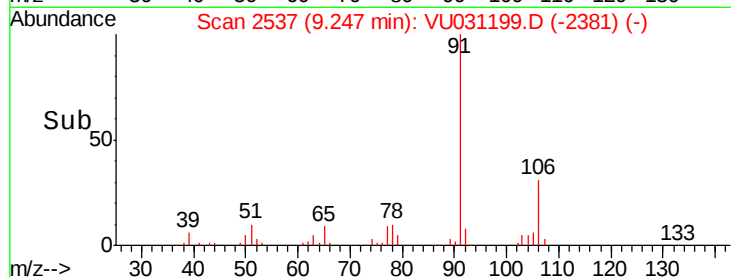
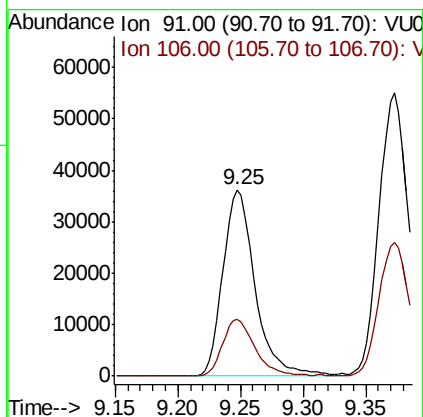
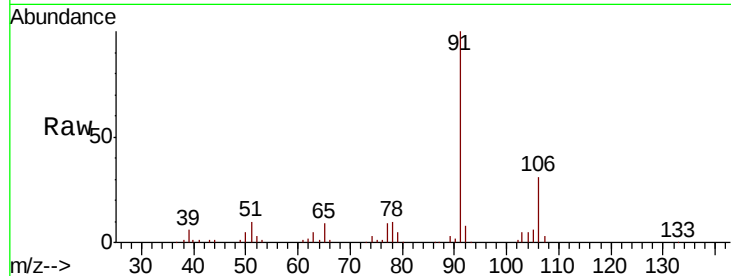




#63
Ethyl Benzene
Concen: 1.639 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

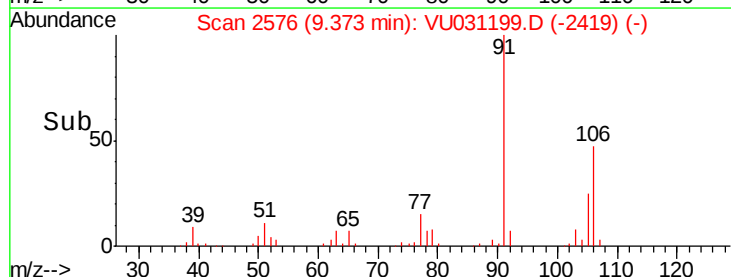
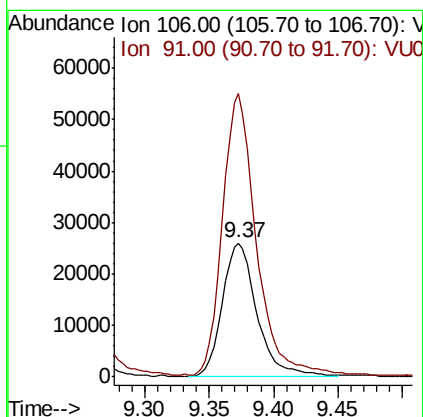
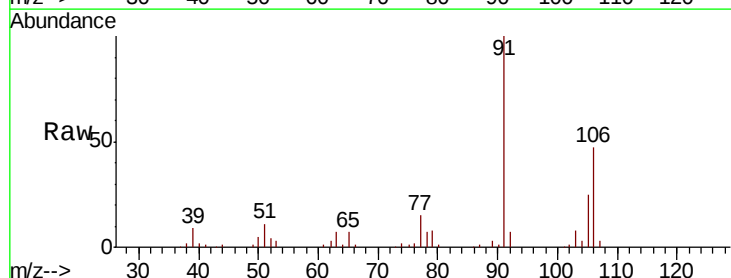
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

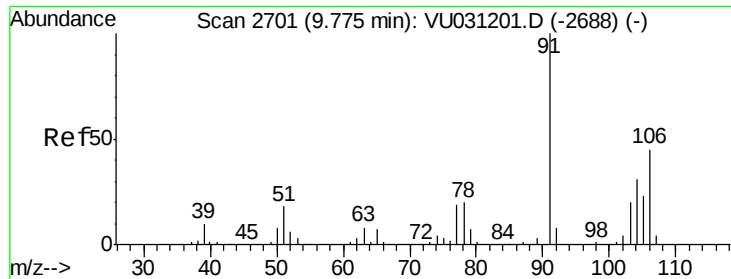
Tgt Ion: 91 Resp: 64729
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#64
m/p-Xylenes
Concen: 3.297 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion: 106 Resp: 47600
Ion Ratio Lower Upper
106 100
91 209.8 165.7 248.5

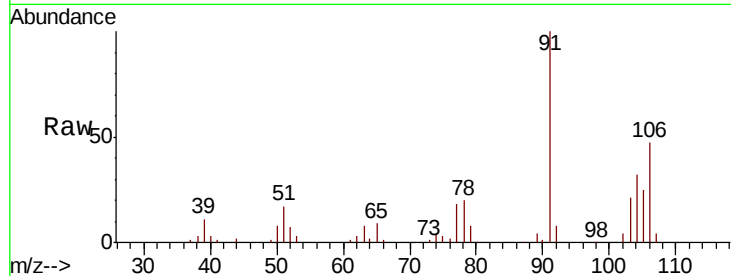




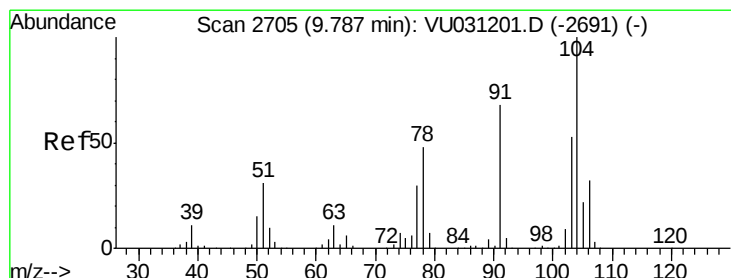
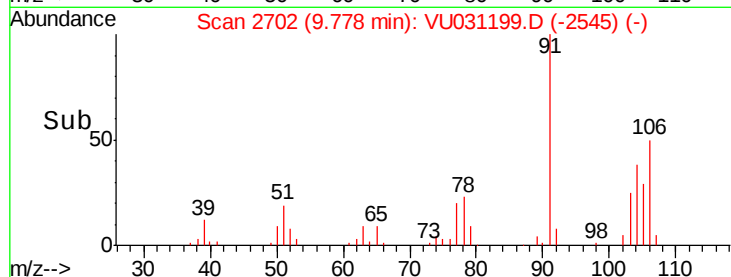
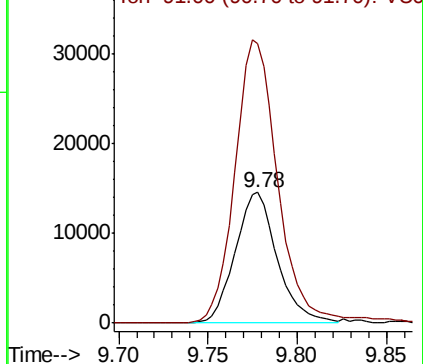
#65
o-Xylene
Concen: 1.706 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:106 Resp: 23941
Ion Ratio Lower Upper
106 100
91 219.9 111.3 333.8

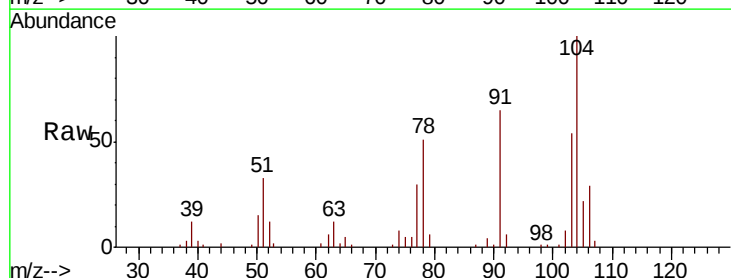


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

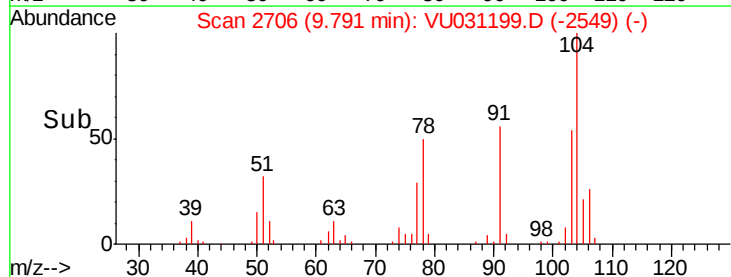
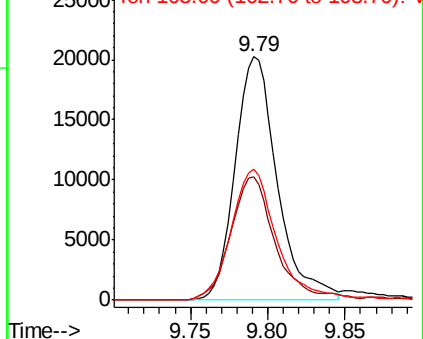


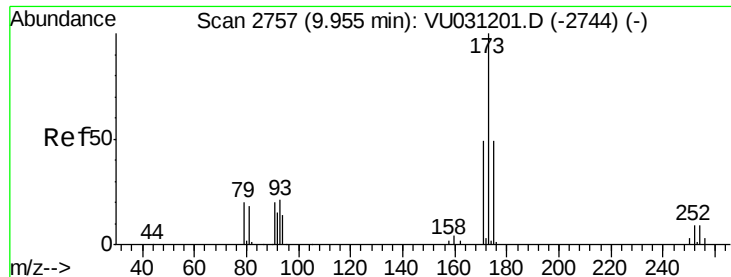
#66
Styrene
Concen: 1.584 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion:104 Resp: 38386
Ion Ratio Lower Upper
104 100
78 53.4 41.4 62.0
103 57.8 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

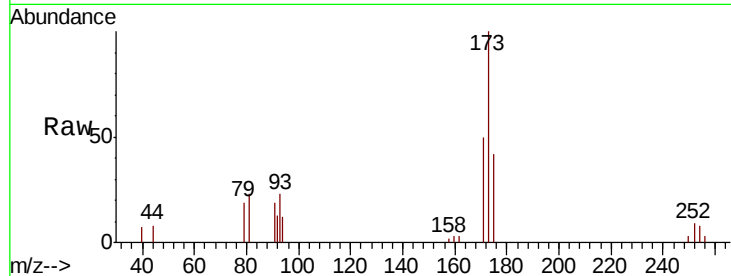




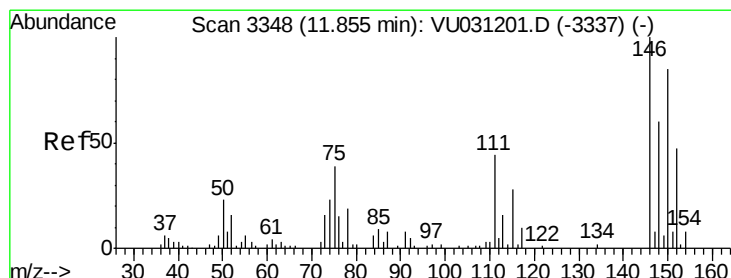
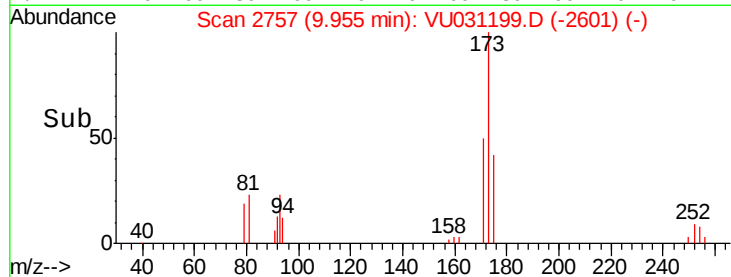
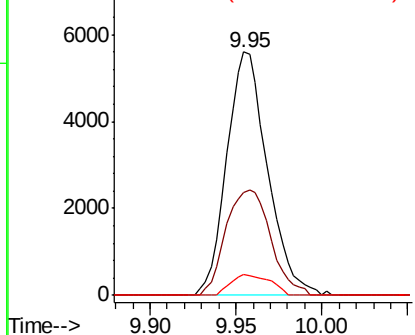
#67
 Bromoform
 Concen: 1.851 ug/l
 RT: 9.95 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:173 Resp: 9219
 Ion Ratio Lower Upper
 173 100
 175 47.5 38.0 57.0
 254 8.2 7.1 10.7

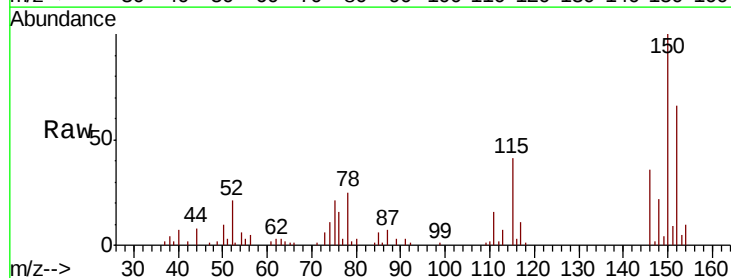


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

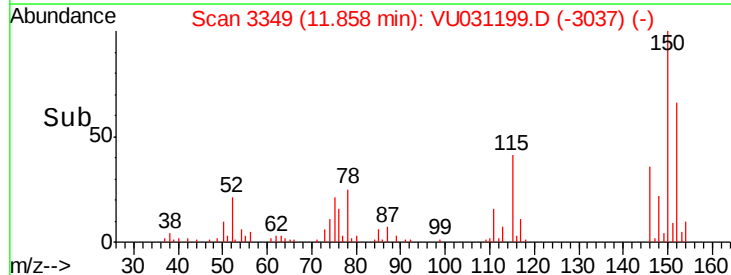
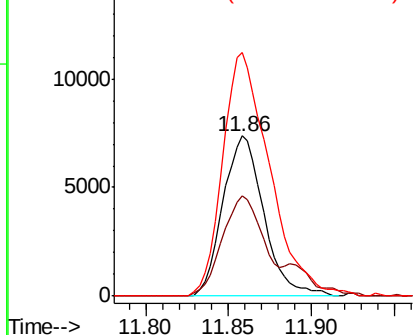


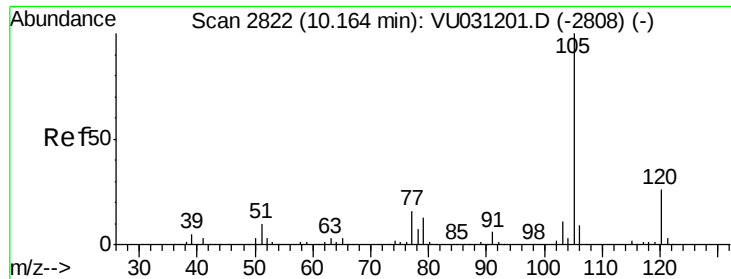
#68
 1,2-Dichlorobenzene-d4
 Concen: 1.851 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion:152 Resp: 12666
 Ion Ratio Lower Upper
 152 100
 115 62.6 0.0 130.0
 150 174.4 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: 1.665 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

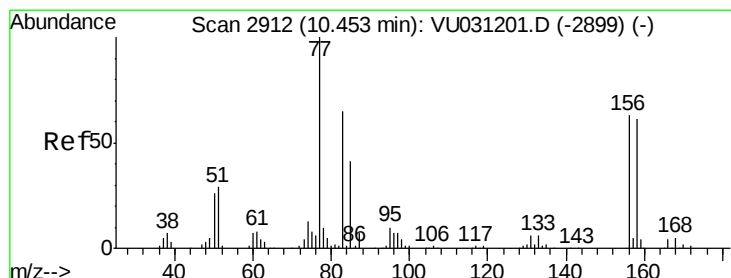
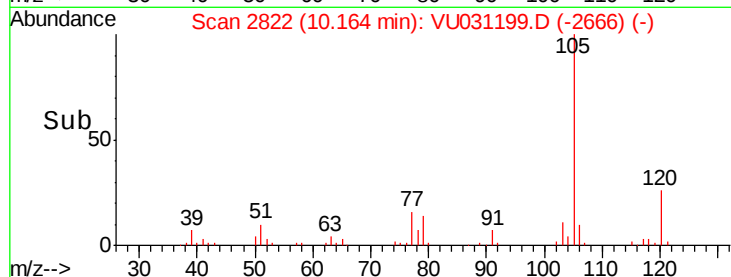
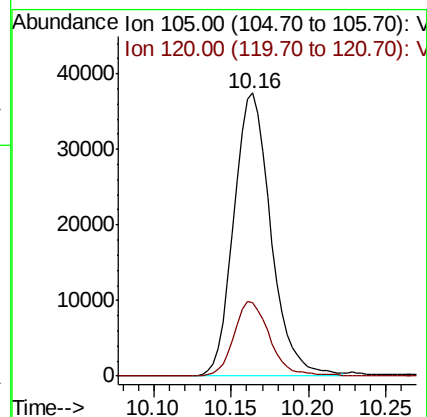
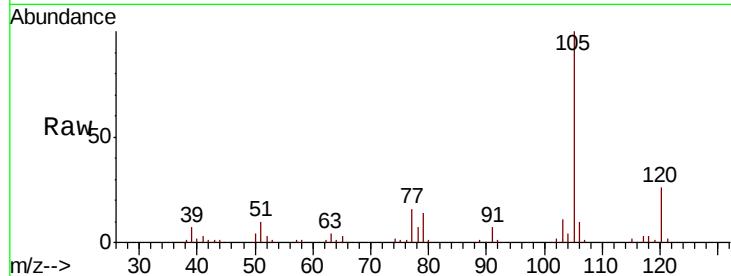
VSTDIC002

Tgt Ion:105 Resp: 62338

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#70

1,1,2,2-Tetrachloroethane

Concen: 1.778 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

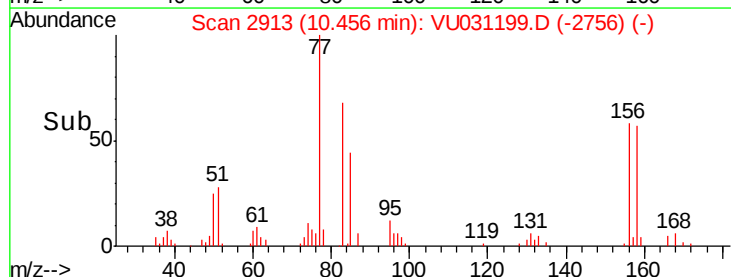
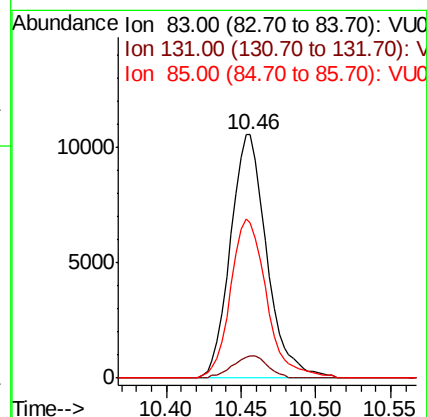
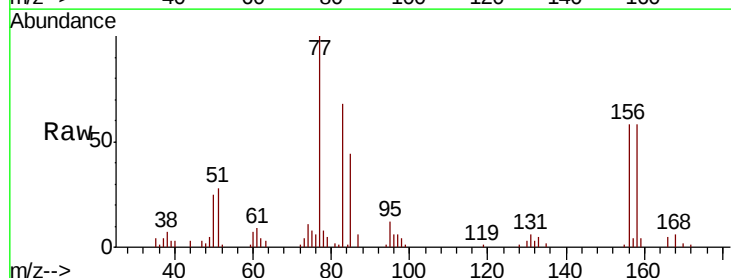
Tgt Ion: 83 Resp: 17838

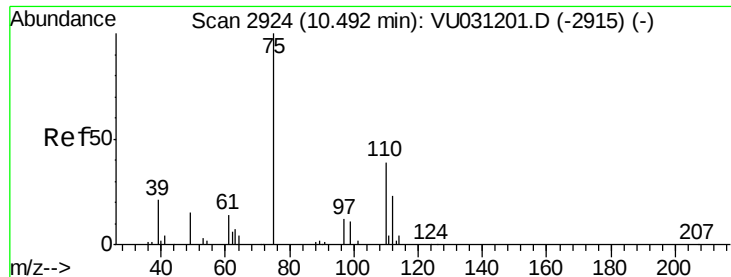
Ion Ratio Lower Upper

83 100

131 8.8 8.0 12.0

85 64.8 51.3 76.9

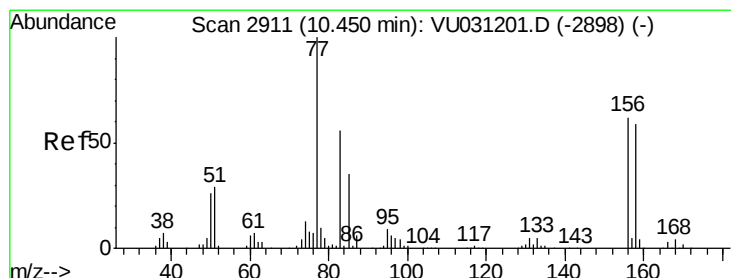
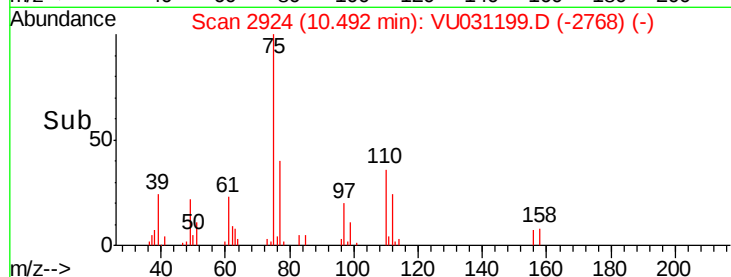
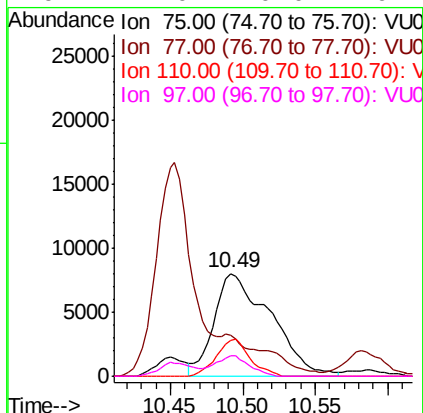
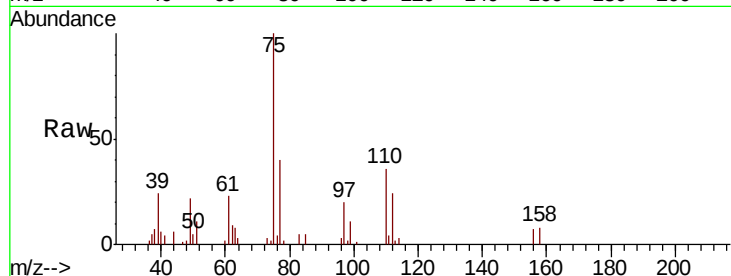




#71
 1,2,3-Trichloropropane
 Concen: 2.866 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

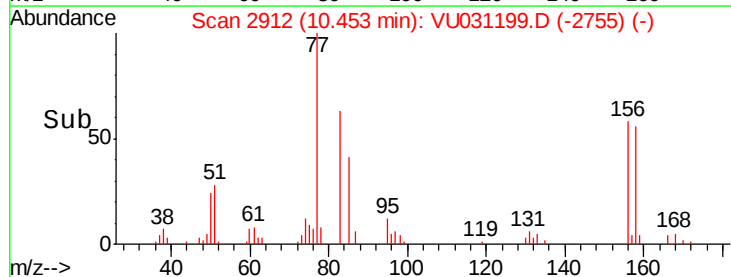
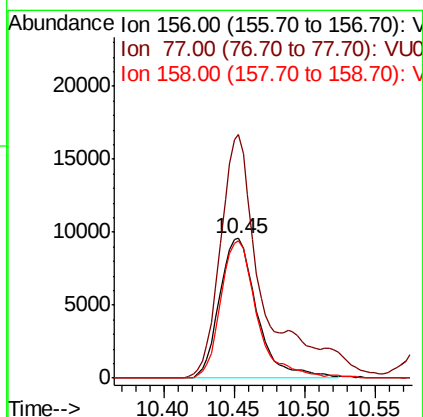
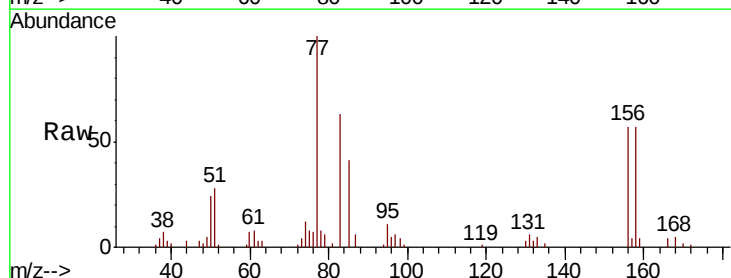
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

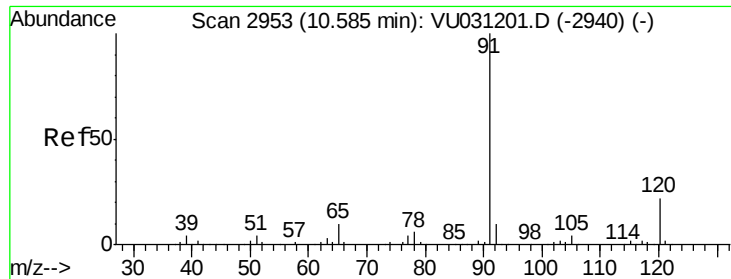
Tgt Ion:	75	Resp:	21858
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	21.2	0.0	71.0
97	12.0	0.0	40.4



#72
 Bromobenzene
 Concen: 1.885 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion:	156	Resp:	17841
Ion	Ratio	Lower	Upper
156	100		
77	159.7	0.0	322.6
158	94.3	0.0	191.0





#73

n-propylbenzene

Concen: 1.642 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

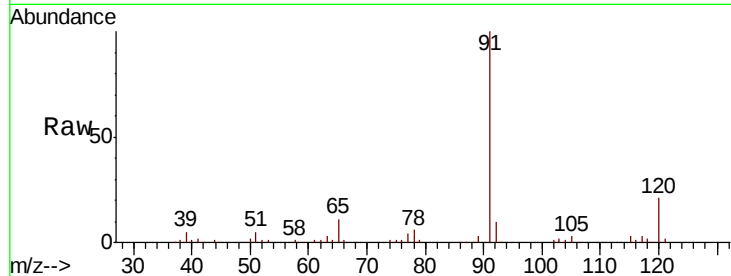
VSTDIC002

Tgt Ion:120 Resp: 16404

Ion Ratio Lower Upper

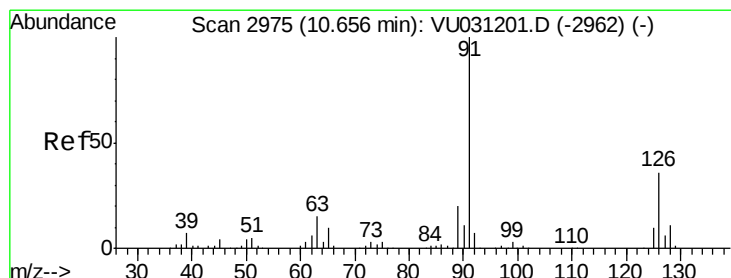
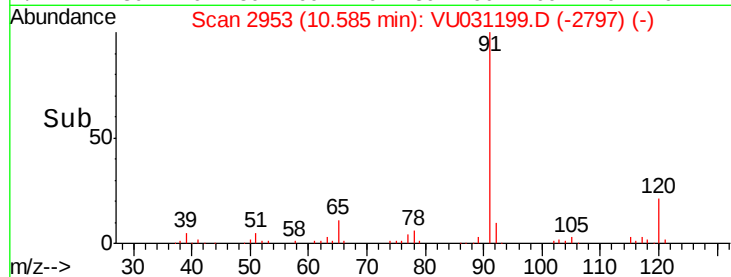
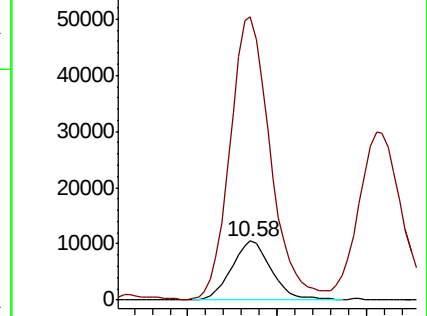
120 100

91 479.7 364.9 547.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.746 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU031199.D

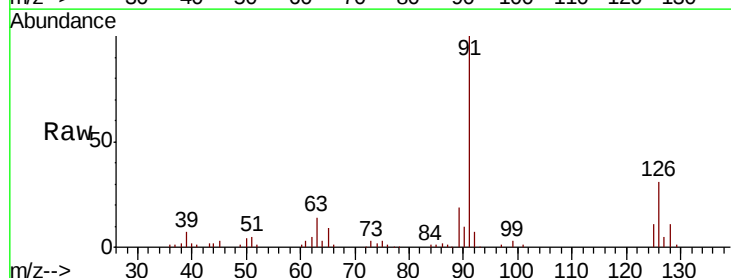
Acq: 15 Apr 2019 21:27

Tgt Ion:126 Resp: 15917

Ion Ratio Lower Upper

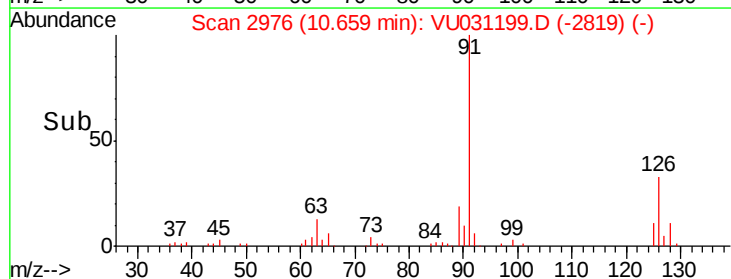
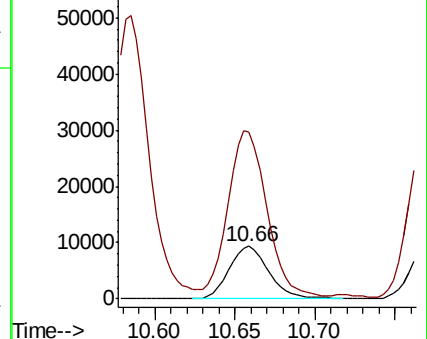
126 100

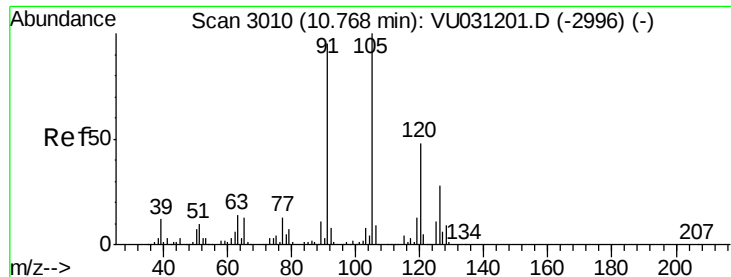
91 304.1 0.0 612.6



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: 1.704 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

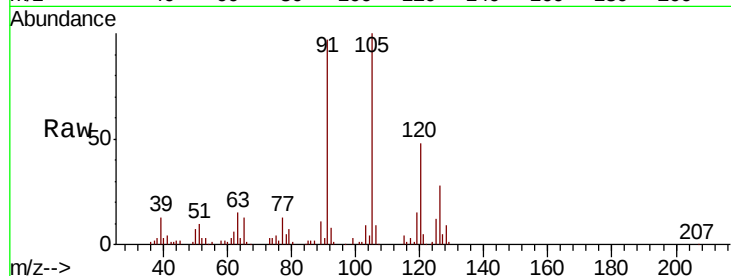
VSTDIC002

Tgt Ion:105 Resp: 54040

Ion Ratio Lower Upper

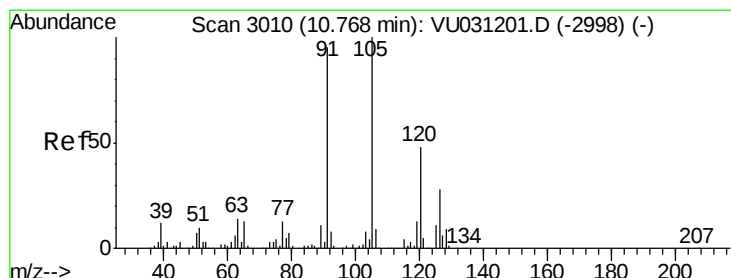
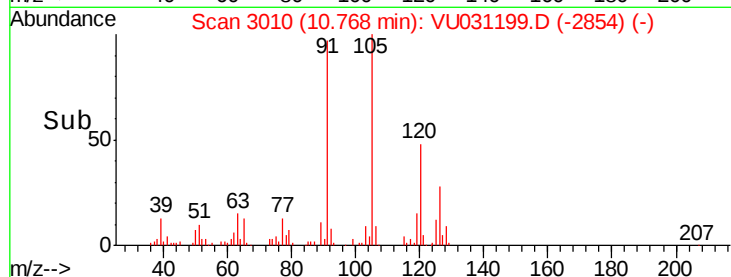
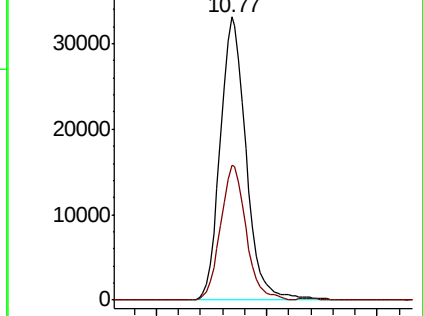
105 100

120 46.8 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.739 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031199.D

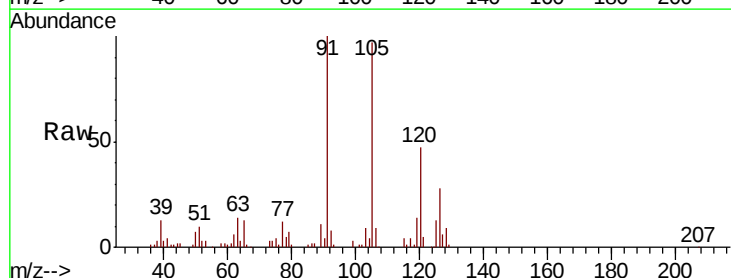
Acq: 15 Apr 2019 21:27

Tgt Ion:126 Resp: 16175

Ion Ratio Lower Upper

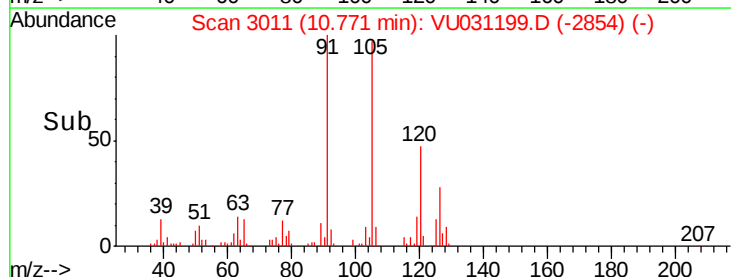
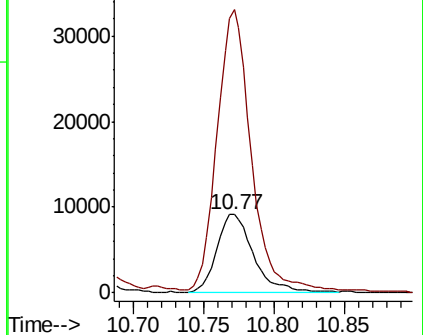
126 100

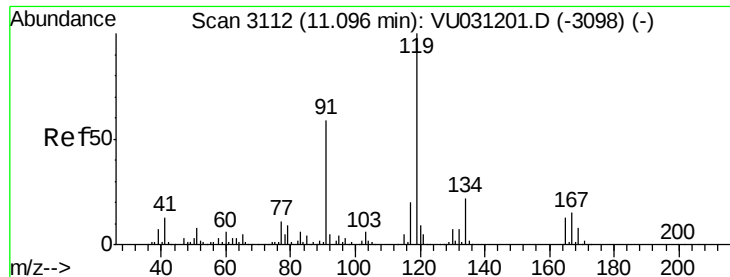
91 337.2 0.0 683.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

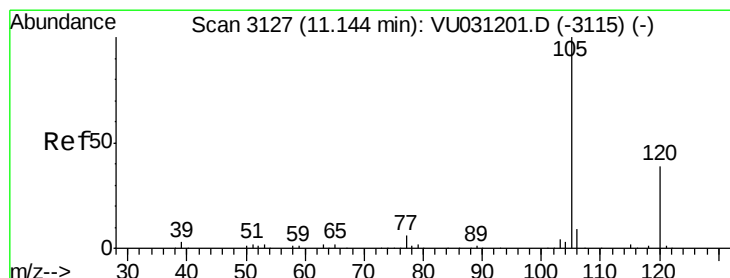
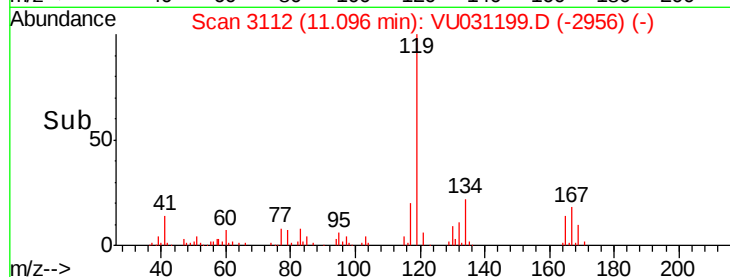
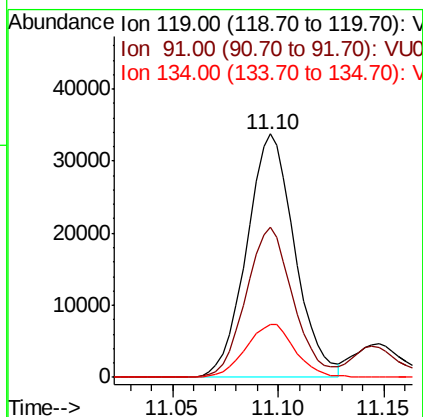
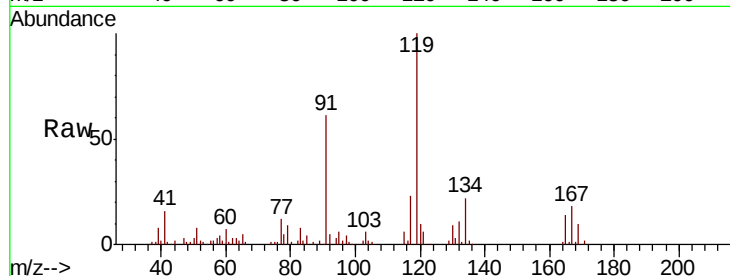




#77
tert-Butylbenzene
Concen: 1.727 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

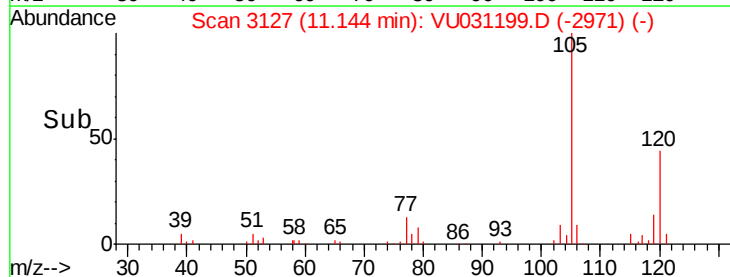
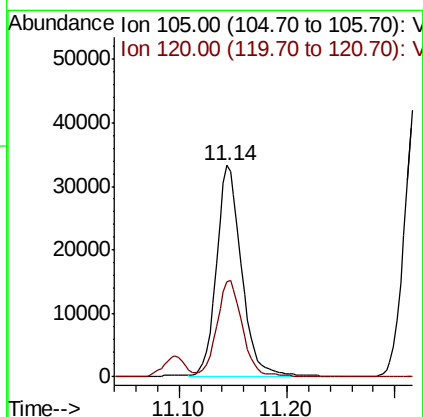
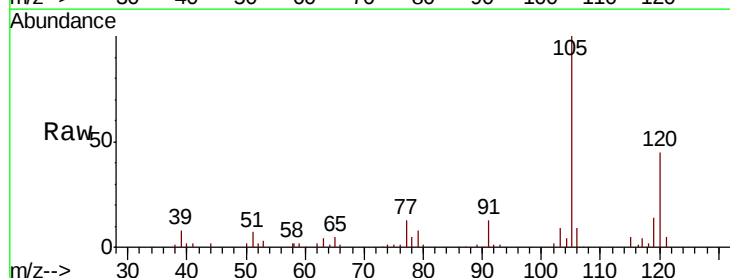
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

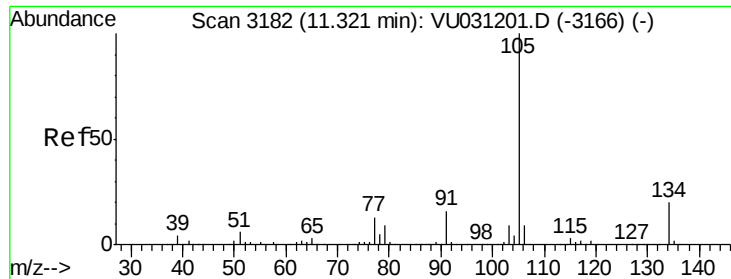
Tgt Ion:119 Resp: 53384
Ion Ratio Lower Upper
119 100
91 60.3 29.4 88.3
134 22.3 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 1.683 ug/l
RT: 11.14 min Scan# 3127
Delta R.T. 0.00 min
Lab File: VU031199.D
Acq: 15 Apr 2019 21:27

Tgt Ion:105 Resp: 54374
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.0

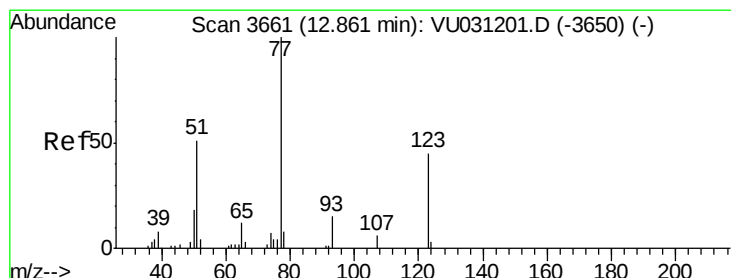
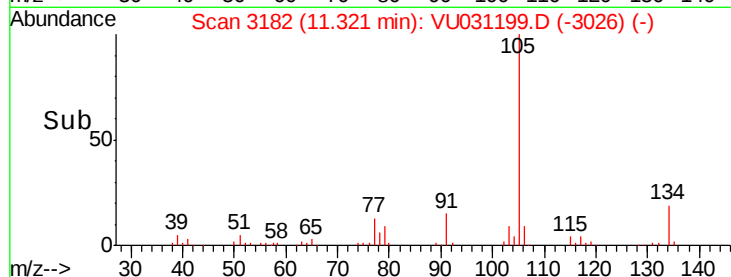
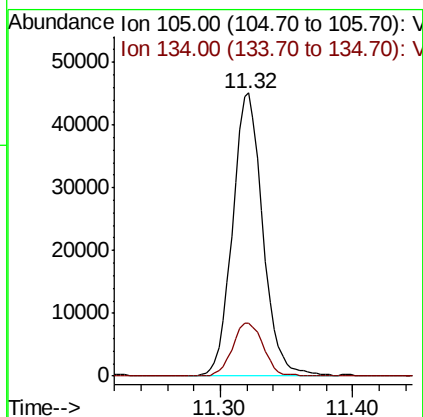
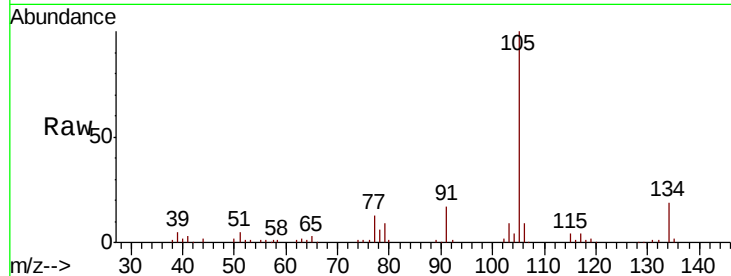




#79
 sec-Butylbenzene
 Concen: 1.704 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

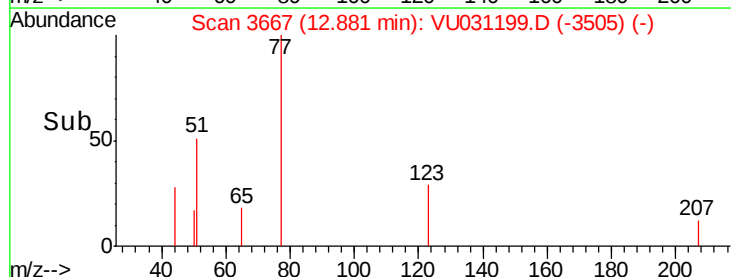
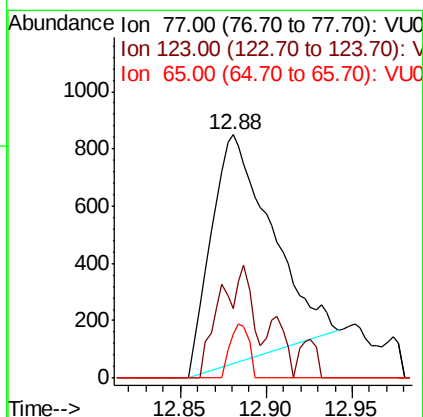
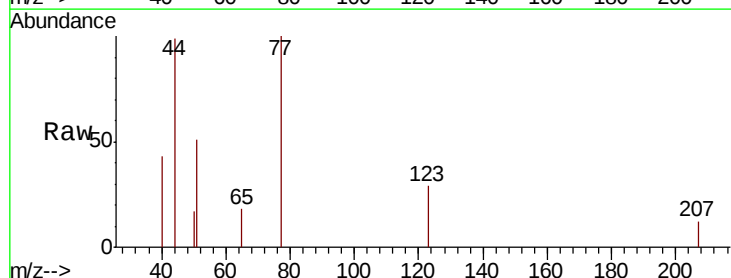
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

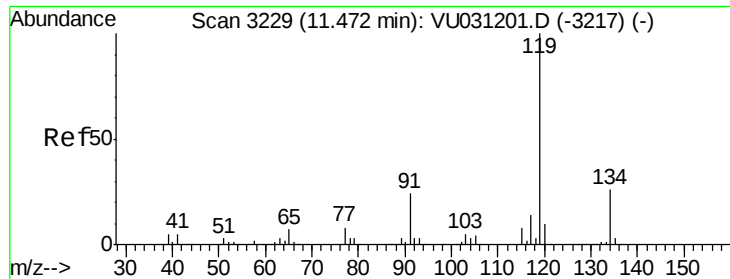
Tgt Ion: 105 Resp: 71559
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3



#80
 Nitrobenzene
 Concen: 6.555 ug/l
 RT: 12.88 min Scan# 3667
 Delta R.T. 0.02 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 77 Resp: 1957
 Ion Ratio Lower Upper
 77 100
 123 4.2 17.1 60.7#
 65 7.4 9.4 12.0#

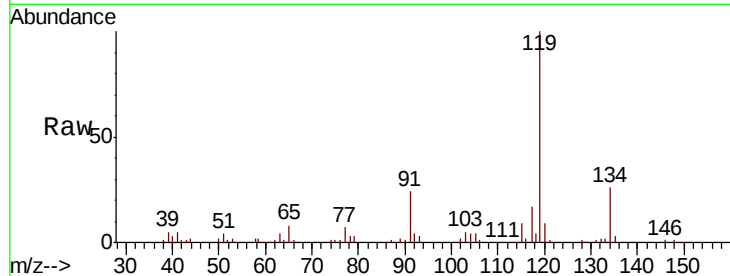




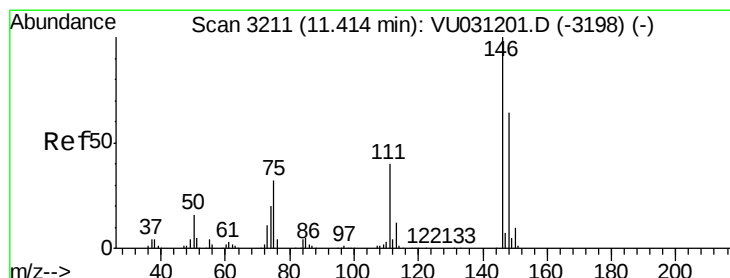
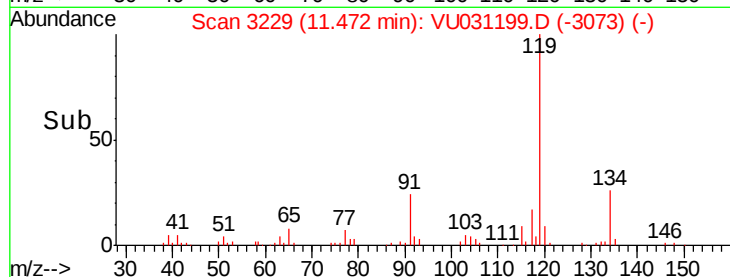
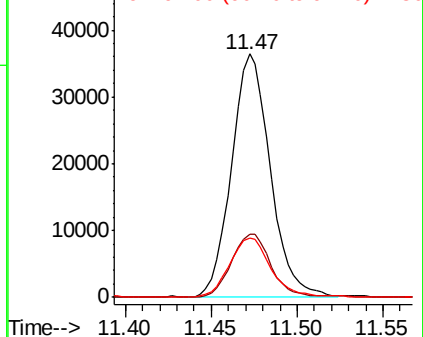
#81
 p-Isopropyltoluene
 Concen: 1.747 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:119 Resp: 57531
 Ion Ratio Lower Upper
 119 100
 134 26.1 21.0 31.4
 91 26.1 19.4 29.2

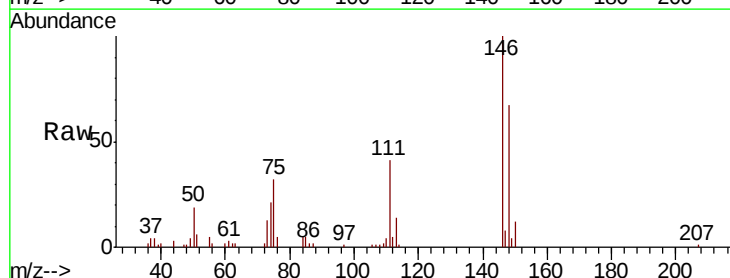


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

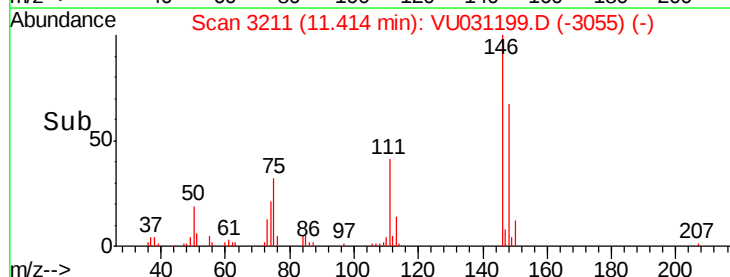
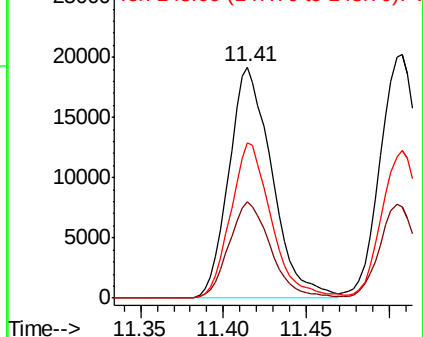


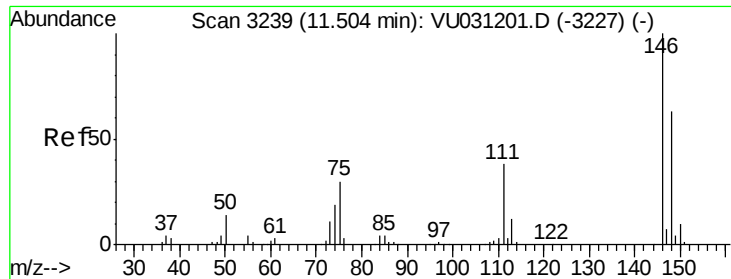
#82
 1,3-Dichlorobenzene
 Concen: 1.852 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion:146 Resp: 34718
 Ion Ratio Lower Upper
 146 100
 111 40.2 32.4 48.6
 148 63.7 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

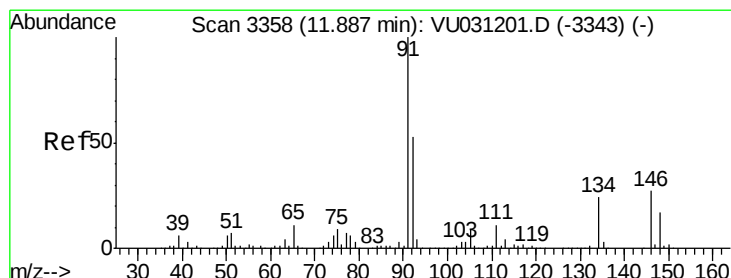
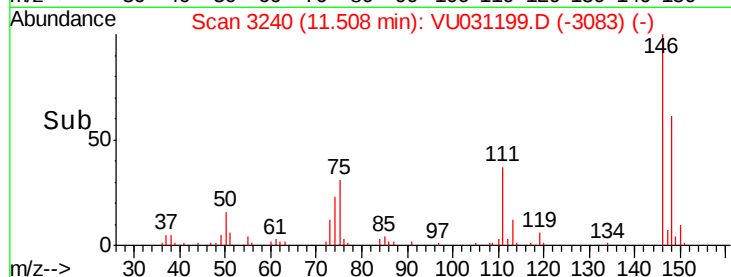
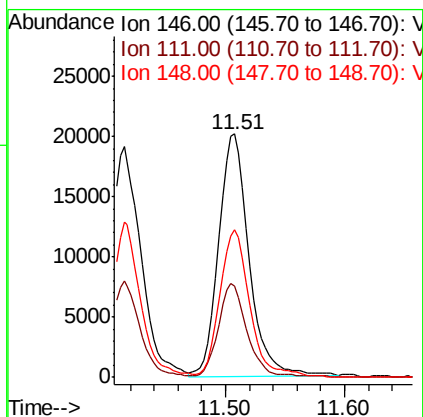
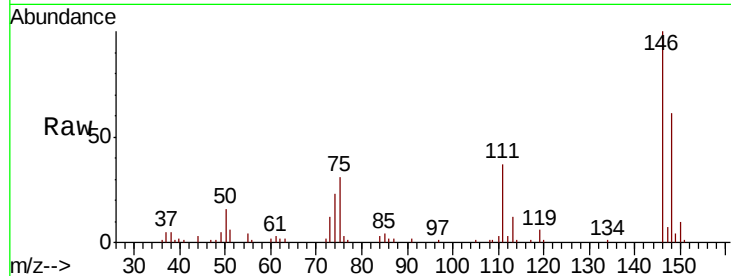




#83
 1,4-Dichlorobenzene
 Concen: 1.910 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

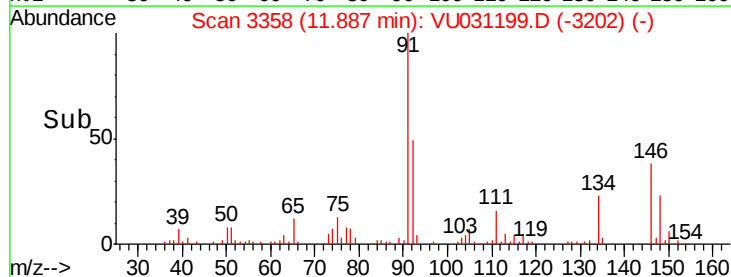
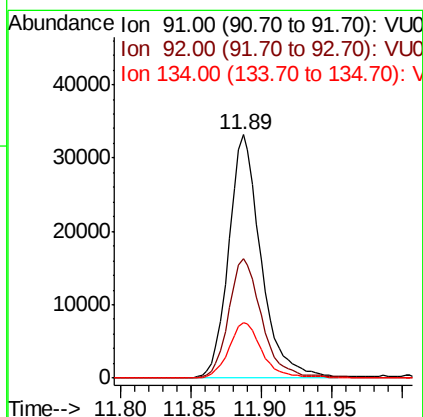
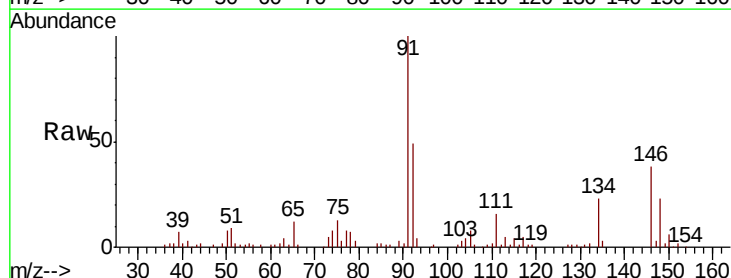
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

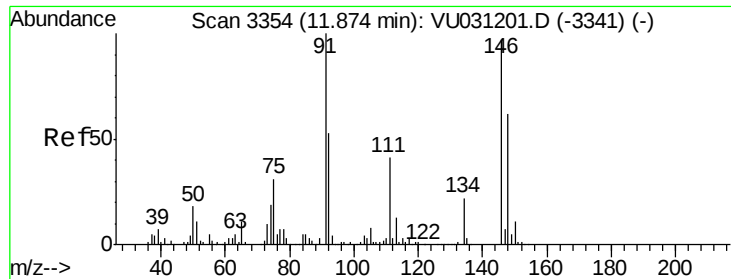
Tgt Ion: 146 Resp: 35396
 Ion Ratio Lower Upper
 146 100
 111 34.8 30.6 46.0
 148 60.8 51.1 76.7



#84
 n-Butylbenzene
 Concen: 1.612 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 91 Resp: 53339
 Ion Ratio Lower Upper
 91 100
 92 50.5 42.6 63.8
 134 23.4 19.1 28.7

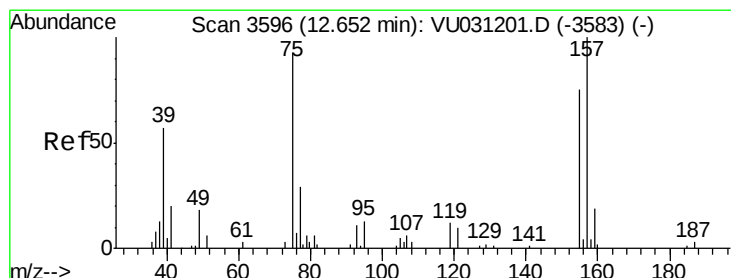
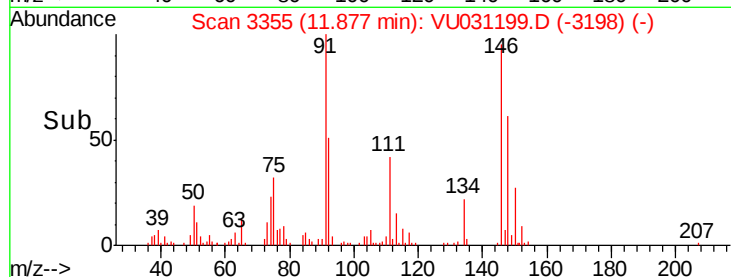
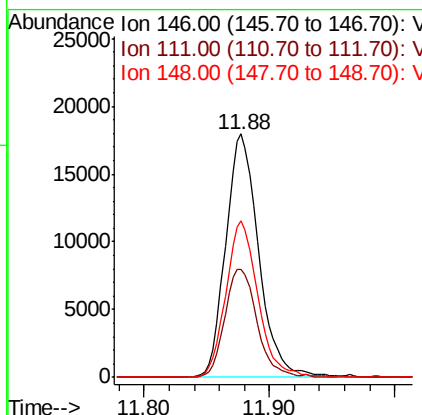
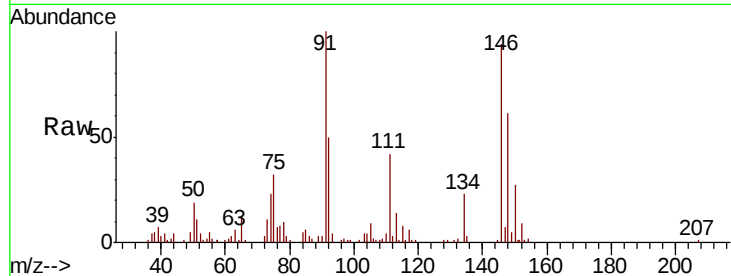




#85
 1,2-Dichlorobenzene
 Concen: 1.837 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

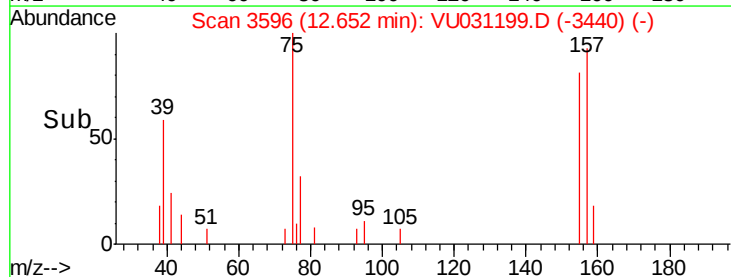
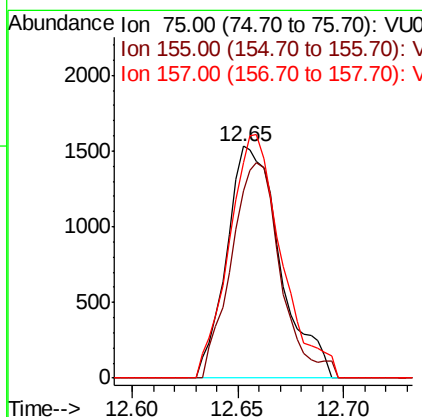
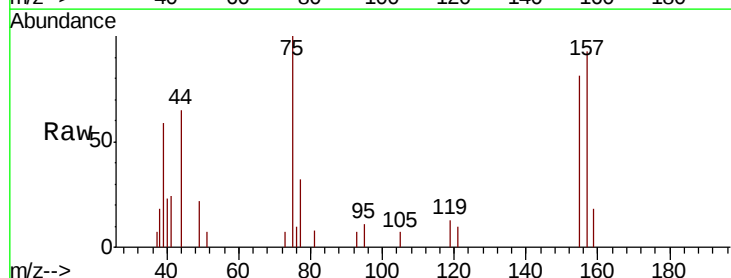
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

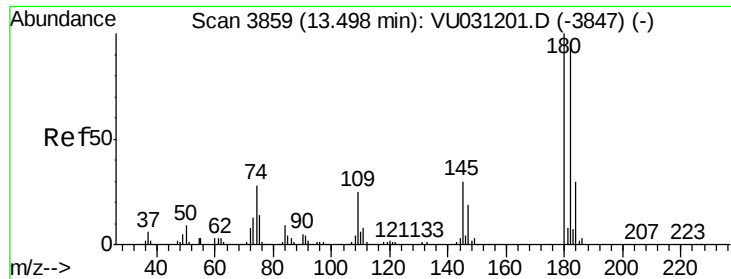
Tgt Ion:146 Resp: 32721
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.8 62.5
 148 62.7 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.719 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion: 75 Resp: 2692
 Ion Ratio Lower Upper
 75 100
 155 85.6 61.7 92.5
 157 103.1 81.3 121.9

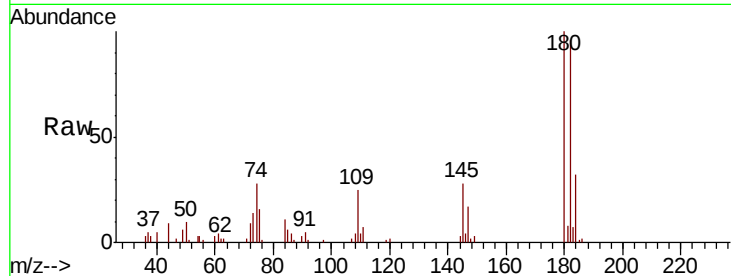




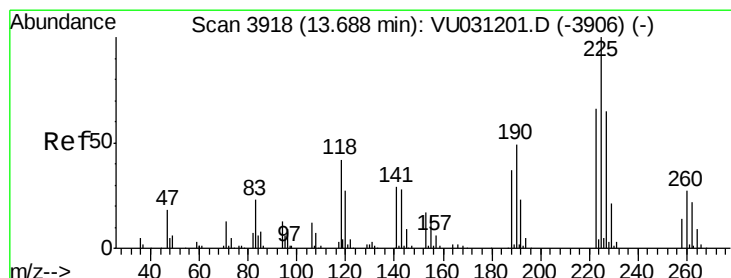
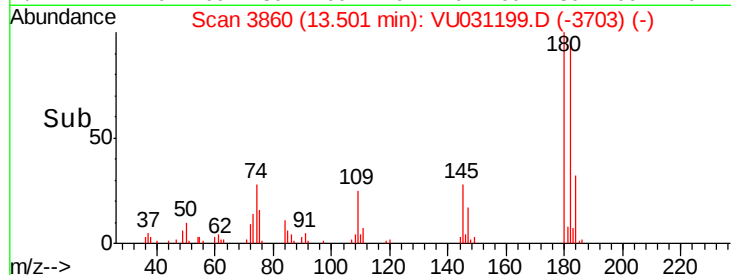
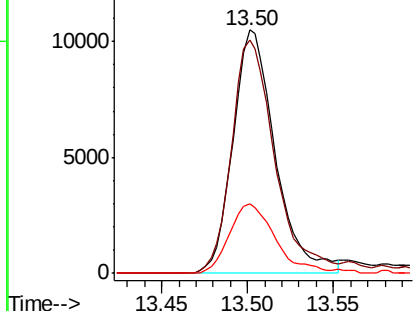
#87
 1,2,4-Trichlorobenzene
 Concen: 1.689 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 17967
 Ion Ratio Lower Upper
 180 100
 182 97.8 75.0 112.6
 145 30.8 23.4 35.2

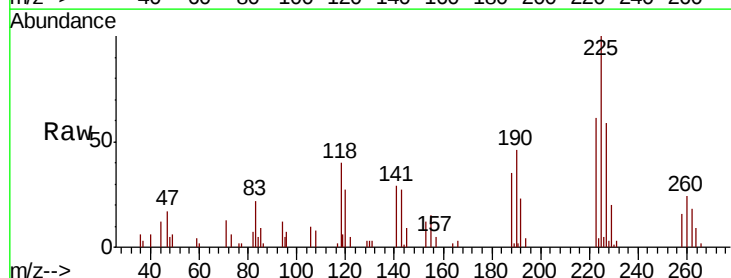


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

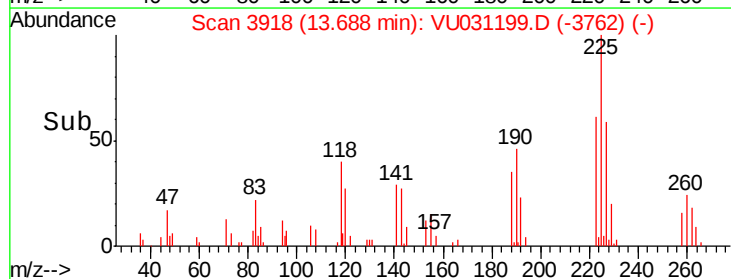
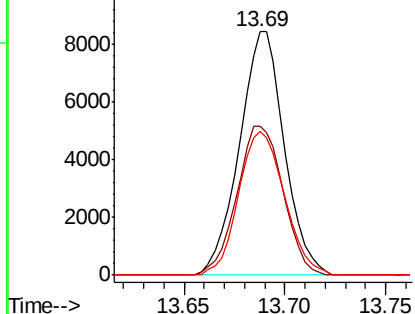


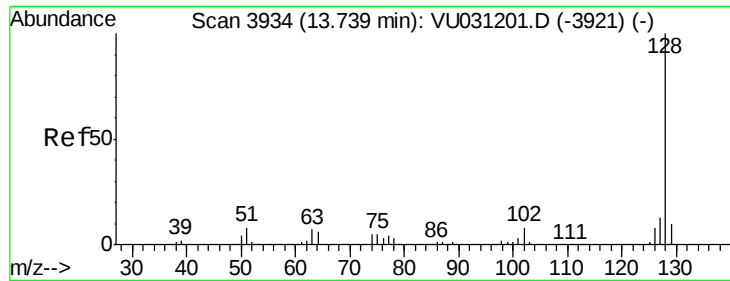
#88
 Hexachlorobutadiene
 Concen: 2.065 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031199.D
 Acq: 15 Apr 2019 21:27

Tgt Ion:225 Resp: 13187
 Ion Ratio Lower Upper
 225 100
 223 62.8 51.4 77.2
 227 60.0 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: 1.492 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

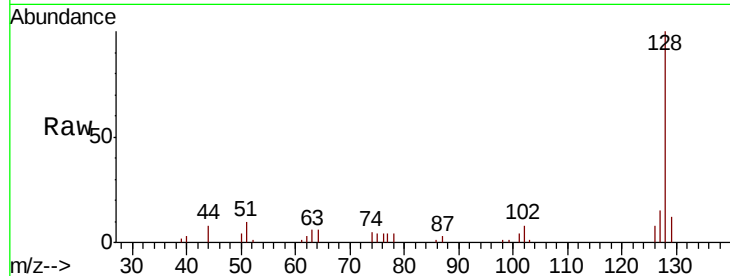
Tgt Ion:128 Resp: 27957

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.4

129 10.8 8.3 12.5

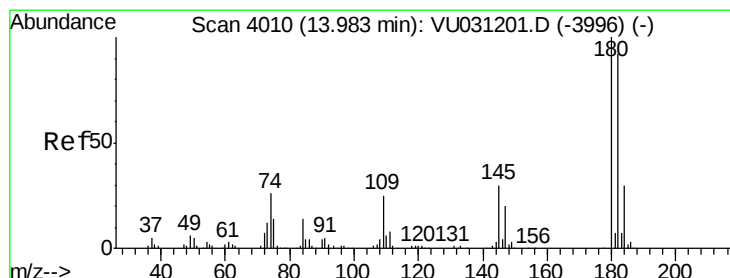
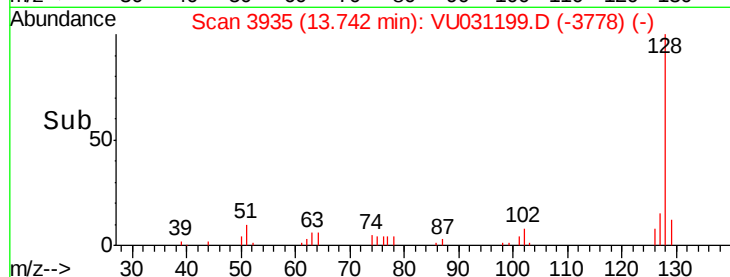
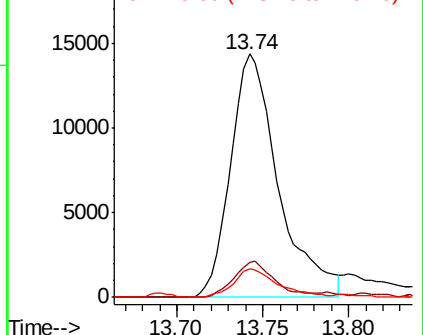


Abundance

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: 1.753 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU031199.D

Acq: 15 Apr 2019 21:27

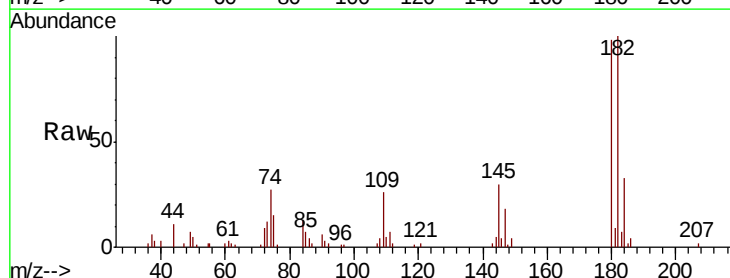
Tgt Ion:180 Resp: 18547

Ion Ratio Lower Upper

180 100

182 98.0 76.4 114.6

145 29.4 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

