

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072419\
 Data File : VU033390.D
 Acq On : 24 Jul 2019 13:35
 Operator : JC/SP
 Sample : VU0724WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

Quant Time: Jul 25 11:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 24 03:53:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	26120	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	10207	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	11591	1.10	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	23587	2.183 ug/l	96
3) Chloromethane	1.33	50	24357	2.043 ug/l	96
4) Vinyl Chloride	1.40	62	27522	2.069 ug/l	100
5) Bromomethane	1.62	94	19632	2.344 ug/l	95
6) Chloroethane	1.69	64	16979	1.817 ug/l	98
7) Trichlorofluoromethane	1.88	101	38132	2.087 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	20576	2.183 ug/l	97
9) 1,1-Dichloroethene	2.27	96	20392	2.197 ug/l	95
10) Iodomethane	2.40	142	19977	1.602 ug/l	98
11) Allyl Chloride	2.58	41	30974	2.022 ug/l	99
12) Acrylonitrile	2.92	53	10039	3.875 ug/l	95
13) Acetone	2.31	43	21608	9.775 ug/l	95
14) Carbon Disulfide	2.46	76	73187	2.075 ug/l	99
15) Methylene Chloride	2.68	84	26386	2.108 ug/l	95
16) trans-1,2-Dichloroethene	2.96	96	23084	2.094 ug/l	97
17) 1,1-Dichloroethane	3.42	63	31364	2.120 ug/l	98
18) 2-Butanone	4.26	43	17876	8.473 ug/l	98
19) Cyclohexane	4.96	56	18219	1.678 ug/l	92
20) Methylcyclohexane	6.39	83	19869	1.818 ug/l	96
21) 2,2-Dichloropropane	4.20	77	27517	2.195 ug/l	98
22) cis-1,2-Dichloroethene	4.20	96	17052	2.041 ug/l	95
23) Diethyl Ether	2.09	59	15334	1.917 ug/l	95
24) tert-Butyl Alcohol	2.82	59	19838	15.648 ug/l	99
25) Methyl tert-Butyl Ether	2.98	73	51896	1.942 ug/l	99
26) Bromochloromethane	4.53	128	7863	2.141 ug/l	98
27) Chloroform	4.65	83	36187	2.141 ug/l	99
28) 1,1,1-Trichloroethane	4.89	97	28054	2.143 ug/l	97
29) 1,1-Dichloropropene	5.11	75	20467	1.896 ug/l	99
30) Carbon Tetrachloride	5.11	117	23839	2.069 ug/l	99
31) Isopropyl Ether	3.56	45	36242	1.938 ug/l	93
32) Ethyl-t-butyl ether	4.05	59	33375	1.857 ug/l	97
33) Tert-Amyl methyl ether	5.56	73	29819	1.845 ug/l	99
34) Propionitrile	4.32	54	5759	9.515 ug/l #	88
35) Benzene	5.37	78	64610	2.071 ug/l	100
36) 1,2-Dichloroethane	5.38	62	21828	2.103 ug/l	100
37) Trichloroethene	6.16	130	16565	2.012 ug/l	98
38) 1,2-Dichloropropane	6.41	63	17646	2.050 ug/l	94
39) Methacrylonitrile	4.53	41	4212	1.753 ug/l #	85
40) Methyl acrylate	4.41	55	6510	1.742 ug/l #	72
41) Tetrahydrofuran	4.63	42	4056	3.367 ug/l	94
42) 1-Chlorobutane	5.04	56	28630	1.978 ug/l	95

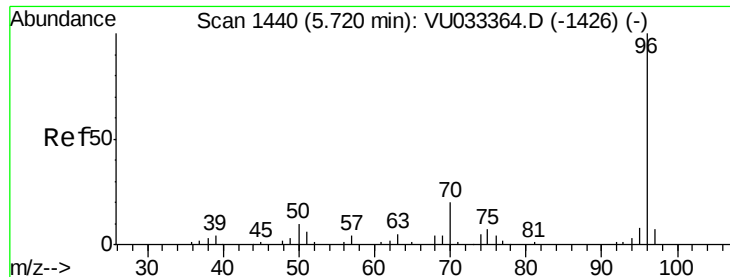
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072419\
 Data File : VU033390.D
 Acq On : 24 Jul 2019 13:35
 Operator : JC/SP
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Quant Time: Jul 25 11:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 24 03:53:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	9557	2.006	ug/l	98
44) Bromodichloromethane	6.74	83	24225	2.109	ug/l	96
45) 4-Methyl-2-Pentanone	7.45	43	42625	8.772	ug/l	95
46) t-1,4-Dichloro-2-butene	10.48	75	20102	10.251	ug/l #	50
47) Methyl methacrylate	6.61	69	12481	3.437	ug/l	99
48) Ethyl methacrylate	8.01	69	11314	1.768	ug/l	94
49) Toluene	7.62	92	35417	1.982	ug/l	96
50) t-1,3-Dichloropropene	7.86	75	17489	1.825	ug/l	96
51) cis-1,3-Dichloropropene	7.25	75	21780	1.925	ug/l	97
52) 1,1,2-Trichloroethane	8.05	97	12701	1.995	ug/l	91
53) 1,3-Dichloropropane	8.23	76	21461	1.995	ug/l	100
54) 2-Hexanone	8.35	43	28234	8.254	ug/l	94
55) Dibromochloromethane	8.46	129	15893	2.137	ug/l	97
56) 1,2-Dibromoethane	8.57	107	11469	1.932	ug/l	99
58) Tetrachloroethene	8.21	164	15978	2.140	ug/l	93
59) Chlorobenzene	9.11	112	40173	1.961	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.19	131	16999	2.185	ug/l	96
61) Pentachloroethane	11.09	117	13837	2.167	ug/l	96
62) Hexachloroethane	12.13	117	12957	2.097	ug/l	100
63) Ethyl Benzene	9.23	91	61958	1.884	ug/l	99
64) m/p-Xylenes	9.36	106	50102	3.810	ug/l	94
65) o-Xylene	9.76	106	23429	1.859	ug/l	99
66) Styrene	9.78	104	40478	1.893	ug/l	99
67) Bromoform	9.95	173	8707	2.163	ug/l	96
69) Isopropylbenzene	10.15	105	63138	1.954	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	17958	2.128	ug/l	95
71) 1,2,3-Trichloropropane	10.48	75	20102	3.085	ug/l #	80
72) Bromobenzene	10.44	156	16792	1.967	ug/l	91
73) n-propylbenzene	10.57	120	17798	1.932	ug/l	99
74) 2-Chlorotoluene	10.65	126	17817	2.119	ug/l	95
75) 1,3,5-Trimethylbenzene	10.76	105	56678	1.954	ug/l	99
76) 4-Chlorotoluene	10.76	126	17905	2.044	ug/l	96
77) tert-Butylbenzene	11.09	119	54963	1.999	ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	57778	1.948	ug/l	100
79) sec-Butylbenzene	11.31	105	74922	1.980	ug/l	98
80) Nitrobenzene	12.86	77	1279	3.646	ug/l #	73
81) p-Isopropyltoluene	11.46	119	61335	1.993	ug/l	98
82) 1,3-Dichlorobenzene	11.40	146	37108	2.045	ug/l	98
83) 1,4-Dichlorobenzene	11.49	146	34834	1.941	ug/l	93
84) n-Butylbenzene	11.87	91	60541	1.923	ug/l	97
85) 1,2-Dichlorobenzene	11.86	146	33873	1.991	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.64	75	2480	1.868	ug/l	98
87) 1,2,4-Trichlorobenzene	13.49	180	18877	1.865	ug/l	98
88) Hexachlorobutadiene	13.68	225	13890	2.225	ug/l	93
89) Naphthalene	13.73	128	28427	1.814	ug/l	95
90) 1,2,3-Trichlorobenzene	13.98	180	18248	1.858	ug/l	93

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

Tgt Ion: 96 Resp: 26120

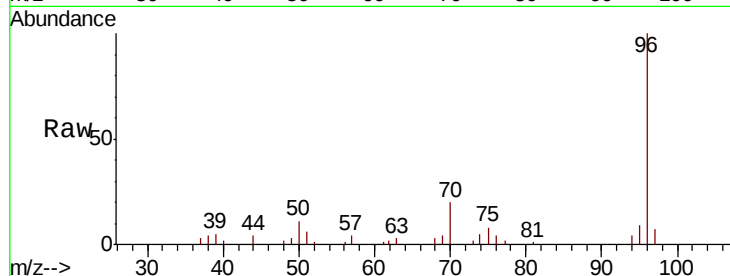
Ion Ratio Lower Upper

96 100

70 21.7 16.4 24.6

95 9.9 6.7 10.1

97 6.9 0.0 0.0#

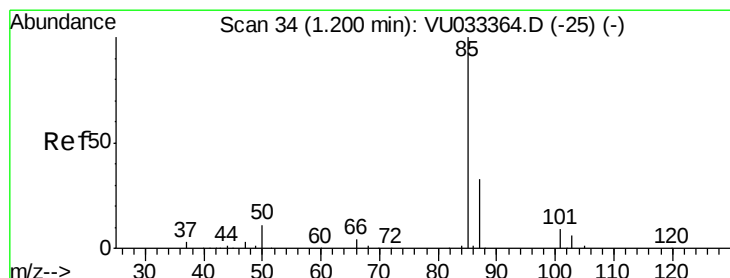
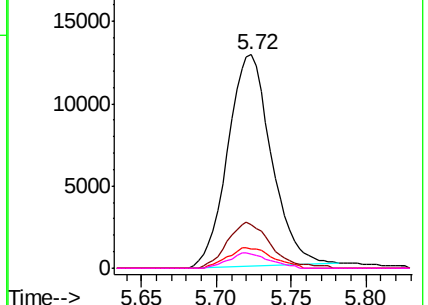
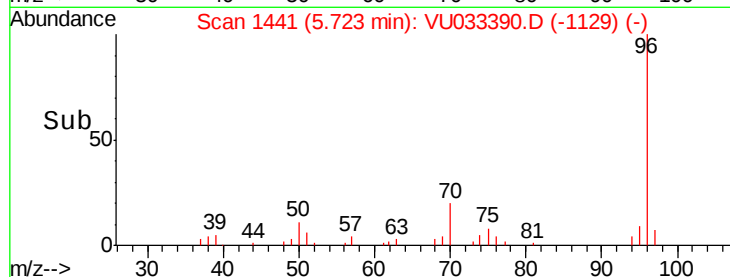


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 2.183 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033390.D

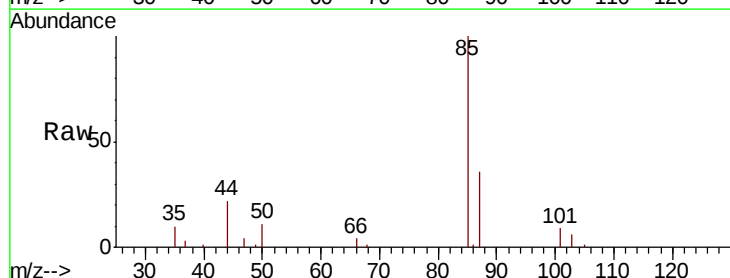
Acq: 24 Jul 2019 13:35

Tgt Ion: 85 Resp: 23587

Ion Ratio Lower Upper

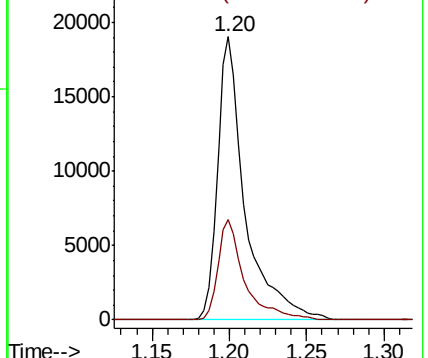
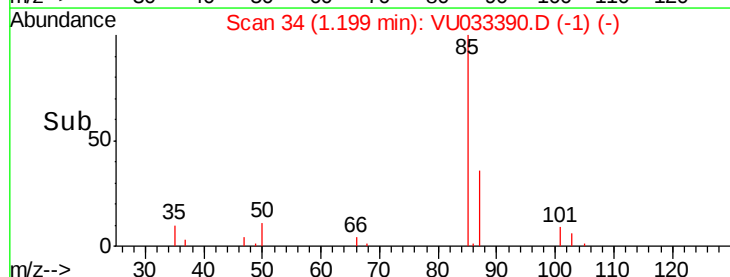
85 100

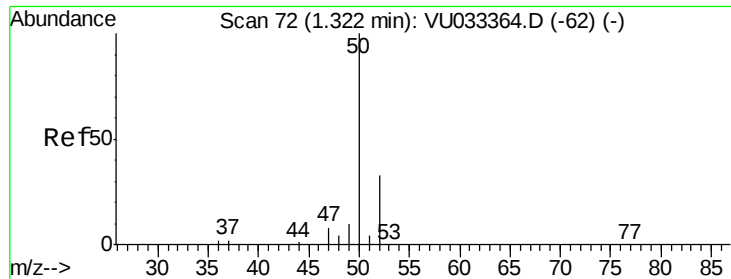
87 35.6 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 2.043 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

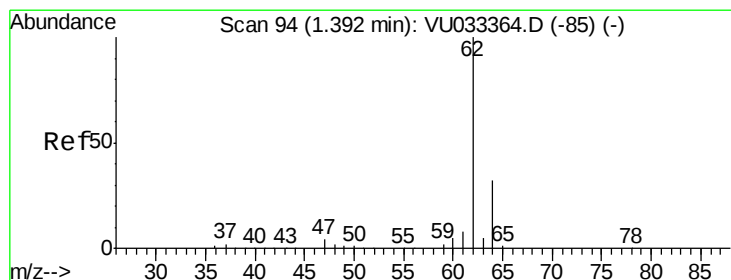
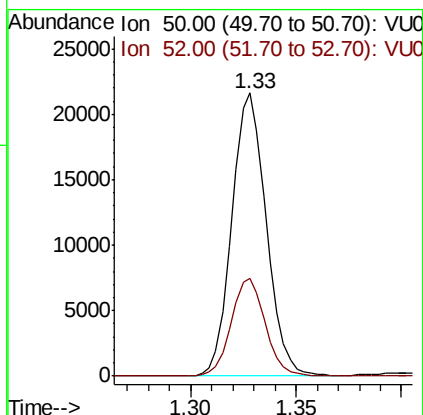
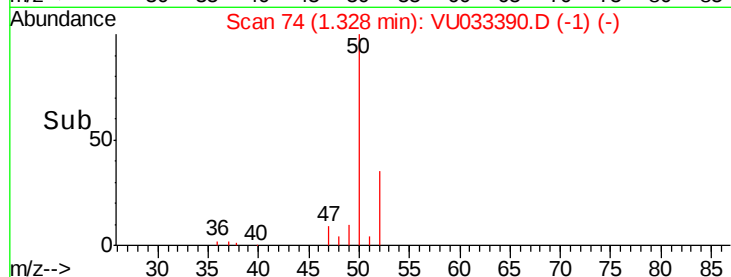
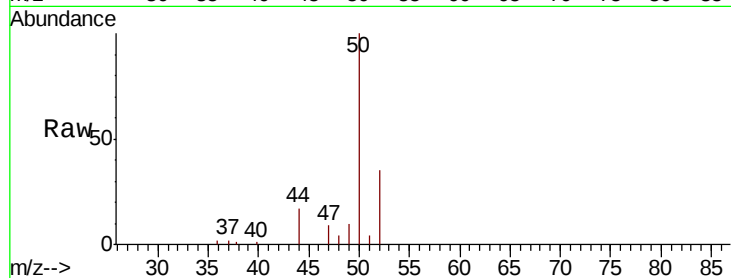
VU0724WBSD01

Tgt Ion: 50 Resp: 24357

Ion Ratio Lower Upper

50 100

52 34.7 26.1 39.1



#4

Vinyl Chloride

Concen: 2.069 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033390.D

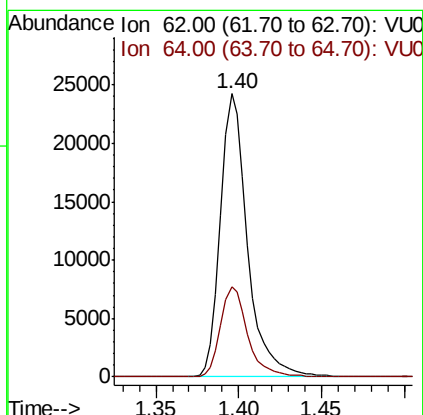
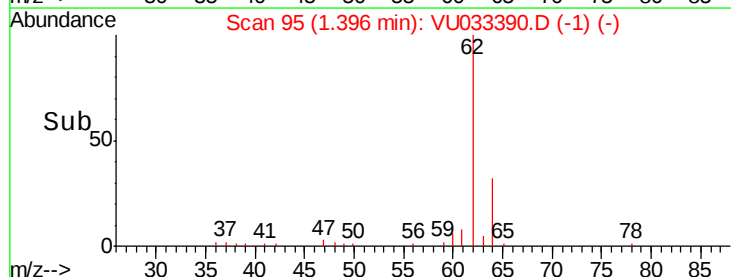
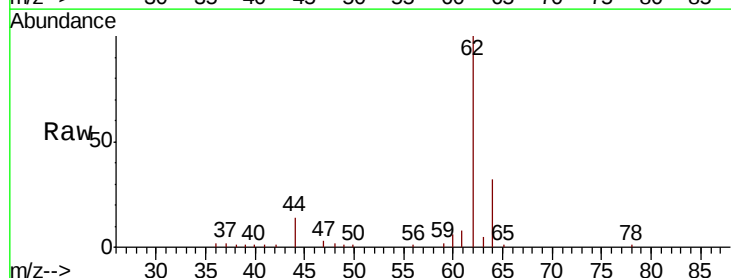
Acq: 24 Jul 2019 13:35

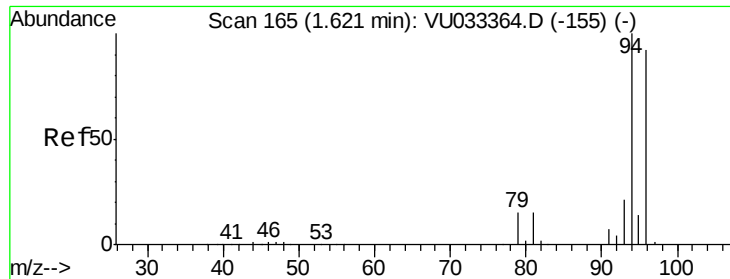
Tgt Ion: 62 Resp: 27522

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4

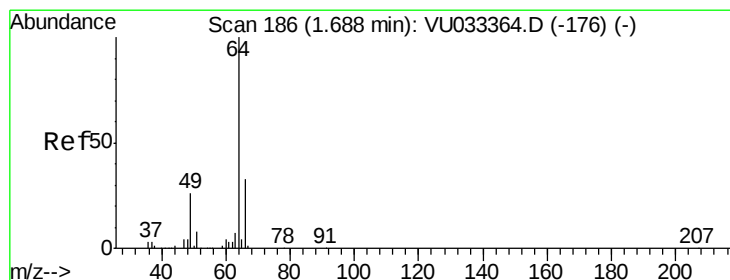
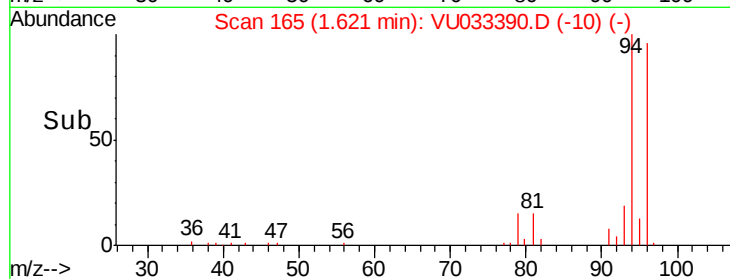
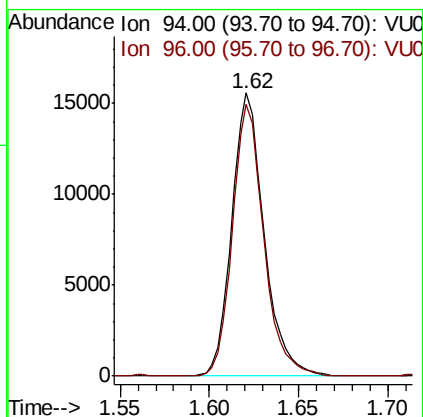
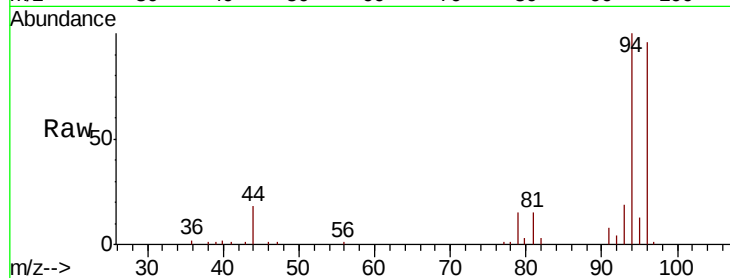




#5
Bromomethane
Concen: 2.344 ug/l
RT: 1.62 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

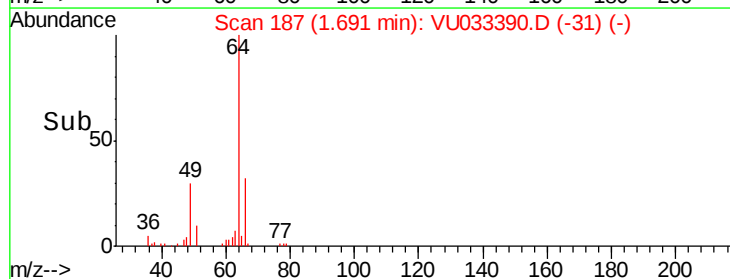
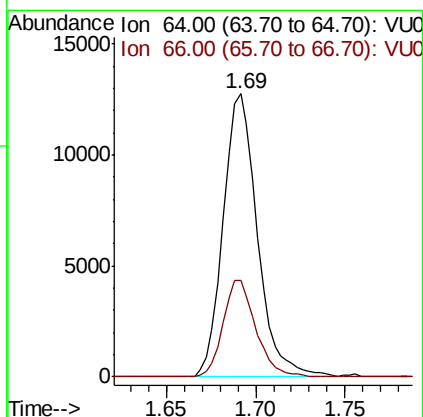
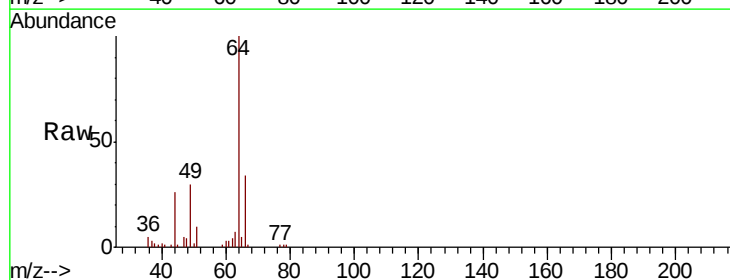
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

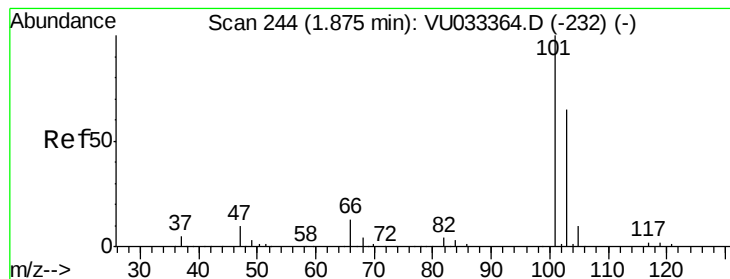
Tgt Ion: 94 Resp: 19632
Ion Ratio Lower Upper
94 100
96 96.2 73.2 109.8



#6
Chloroethane
Concen: 1.817 ug/l
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 64 Resp: 16979
Ion Ratio Lower Upper
64 100
66 34.0 26.4 39.6





#7

Trichlorofluoromethane

Concen: 2.087 ug/l

RT: 1.88 min Scan# 245

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

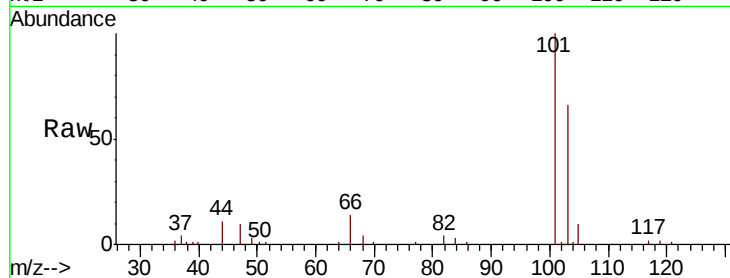
VU0724WBSD01

Tgt Ion:101 Resp: 38132

Ion Ratio Lower Upper

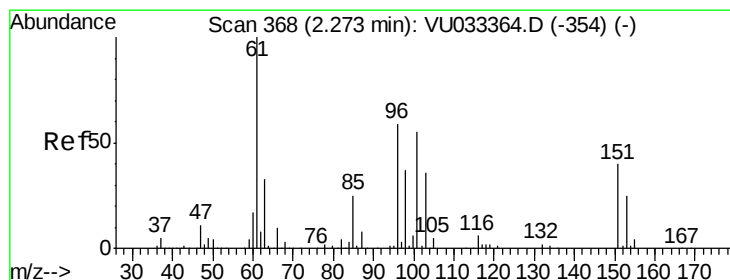
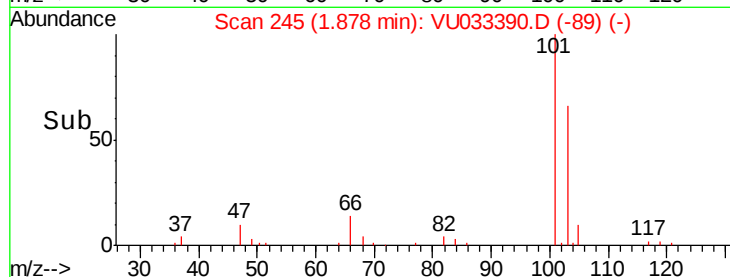
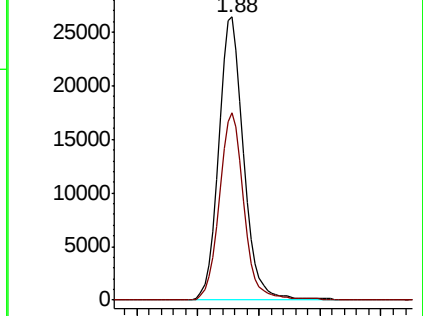
101 100

103 66.1 52.2 78.2



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: 2.183 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

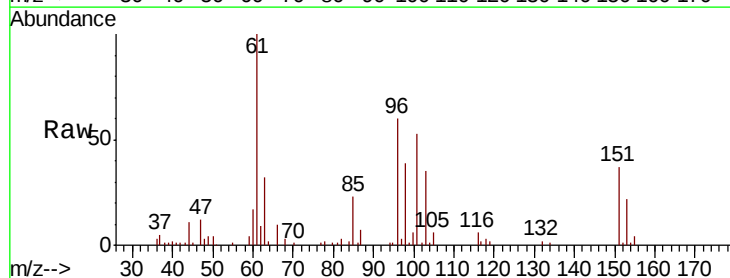
Tgt Ion:101 Resp: 20576

Ion Ratio Lower Upper

101 100

85 44.9 37.5 56.3

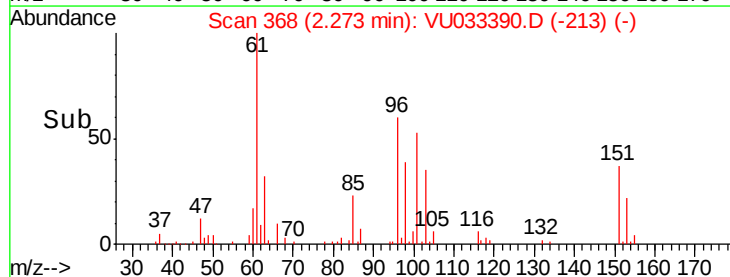
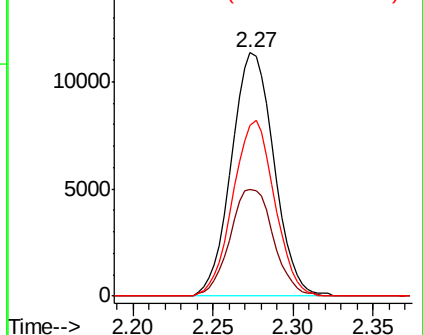
151 70.6 58.3 87.5

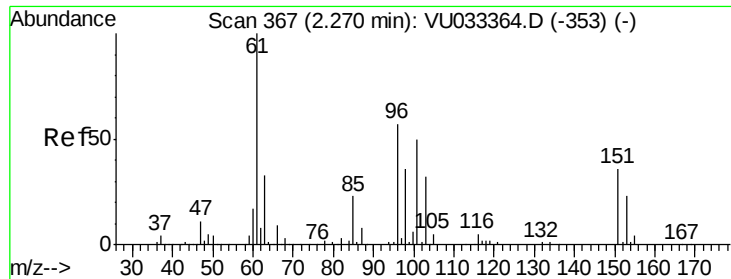


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.197 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

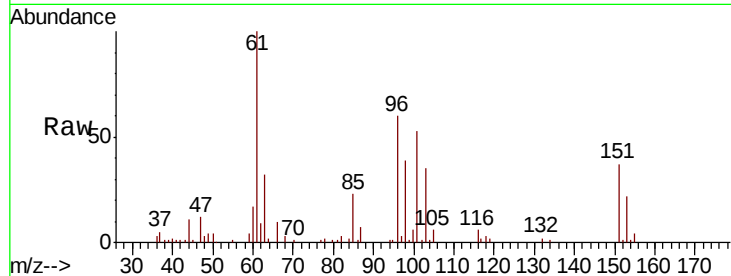
Tgt Ion: 96 Resp: 20392

Ion Ratio Lower Upper

96 100

61 166.8 0.0 525.6

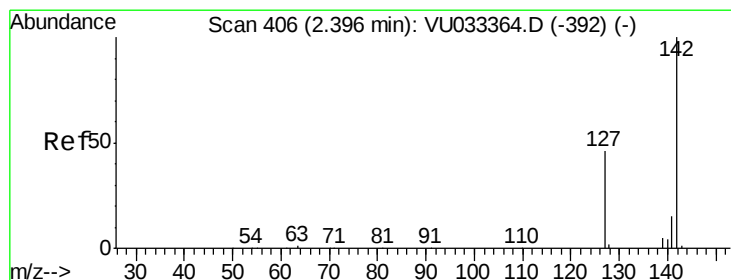
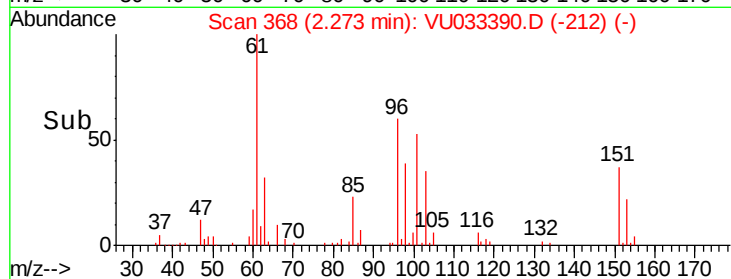
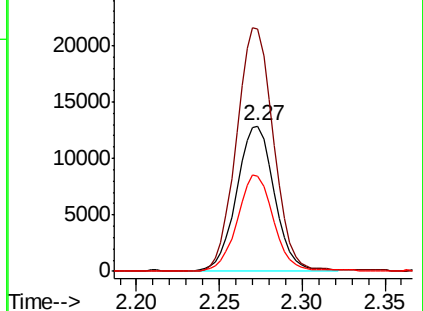
98 65.7 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU033364.D (-353) (-)

Ion 61.00 (60.70 to 61.70): VU033364.D (-353) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-353) (-)



#10

Iodomethane

Concen: 1.602 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU033390.D

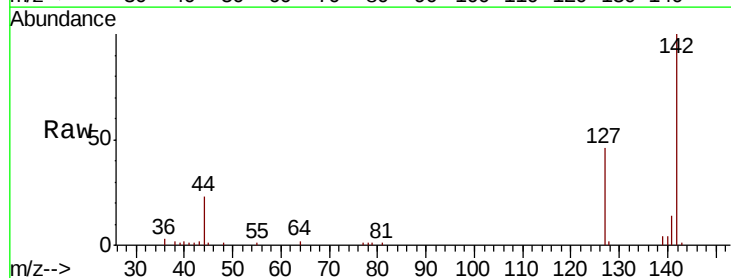
Acq: 24 Jul 2019 13:35

Tgt Ion: 142 Resp: 19977

Ion Ratio Lower Upper

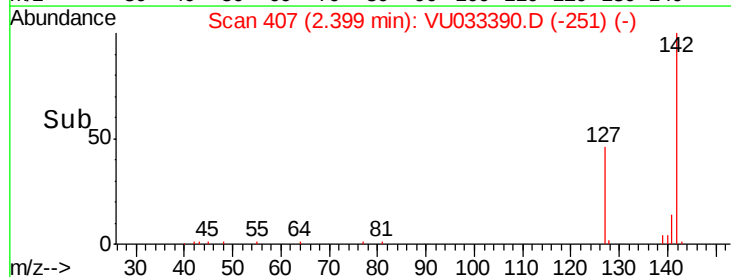
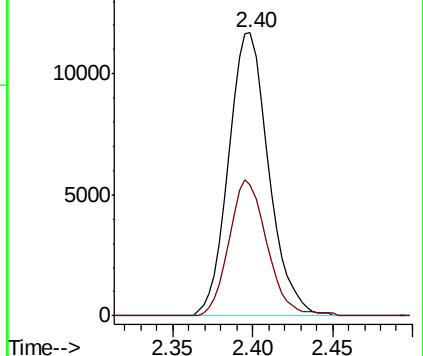
142 100

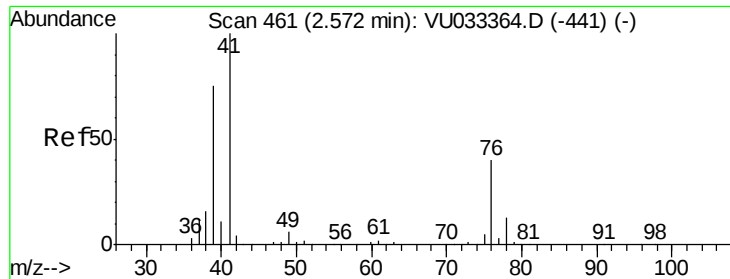
127 45.6 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): VU033364.D (-392) (-)

Ion 127.00 (126.70 to 127.70): VU033364.D (-392) (-)

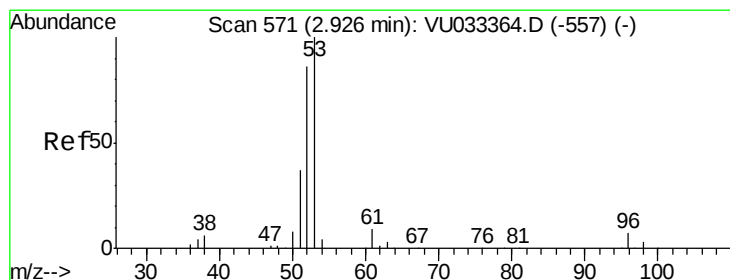
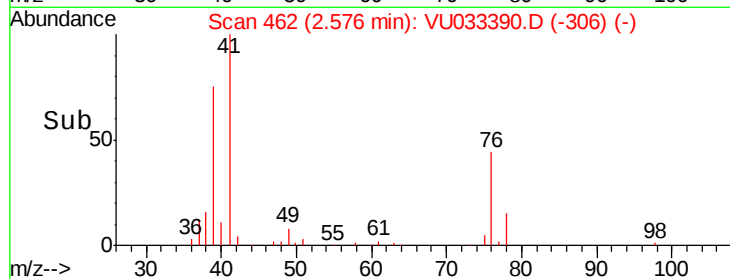
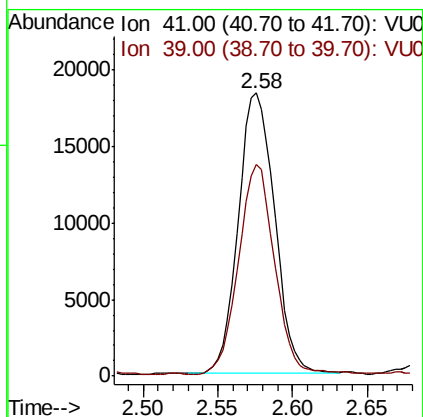
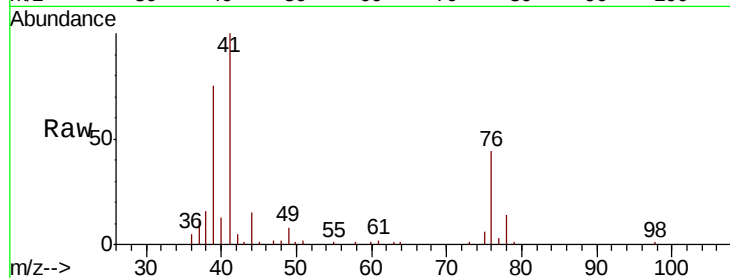




#11
 Allyl Chloride
 Concen: 2.022 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

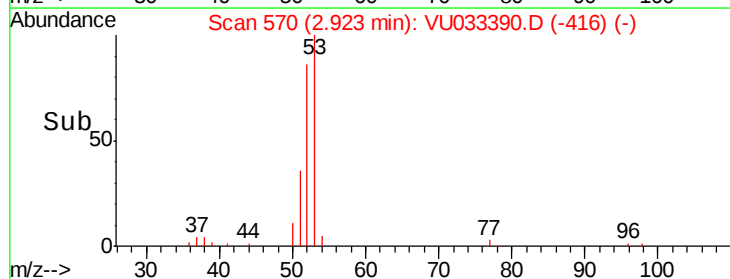
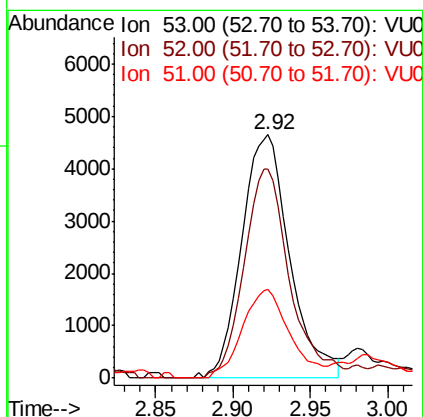
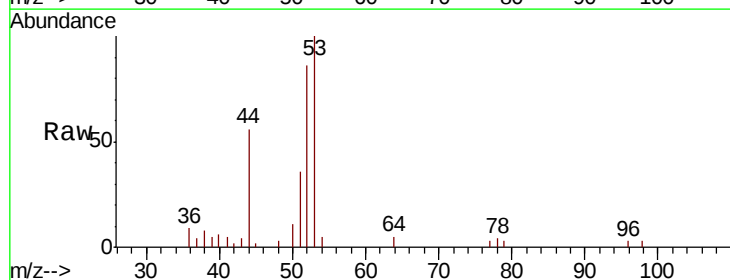
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

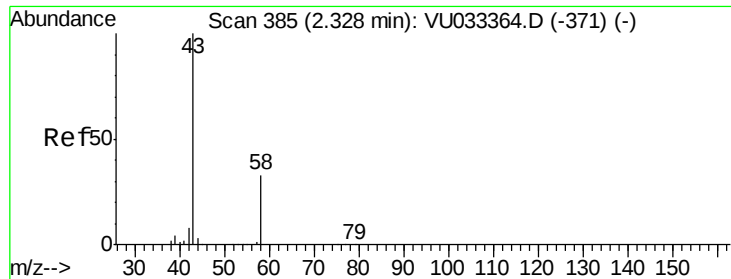
Tgt Ion: 41 Resp: 30974
 Ion Ratio Lower Upper
 41 100
 39 74.4 58.7 88.1



#12
 Acrylonitrile
 Concen: 3.875 ug/l
 RT: 2.92 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion: 53 Resp: 10039
 Ion Ratio Lower Upper
 53 100
 52 81.3 69.8 104.8
 51 35.6 29.1 43.7





#13

Acetone

Concen: 9.775 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

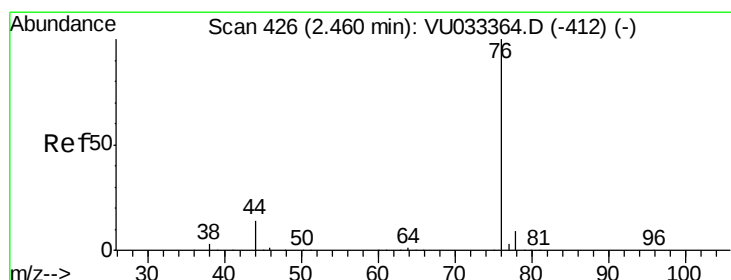
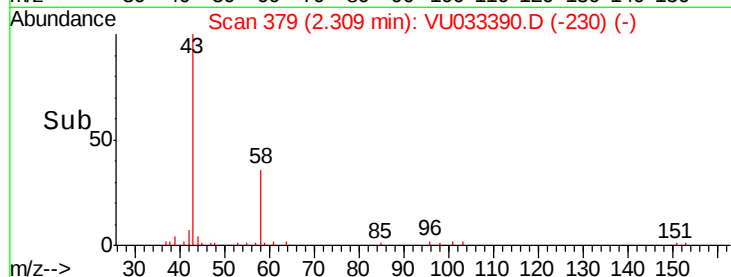
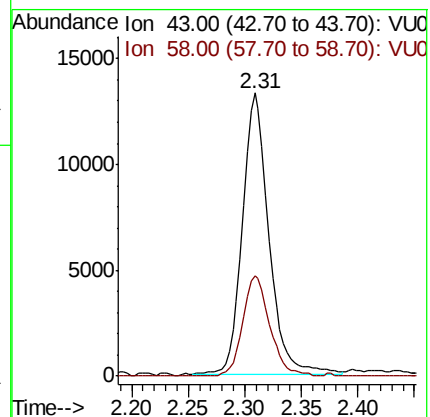
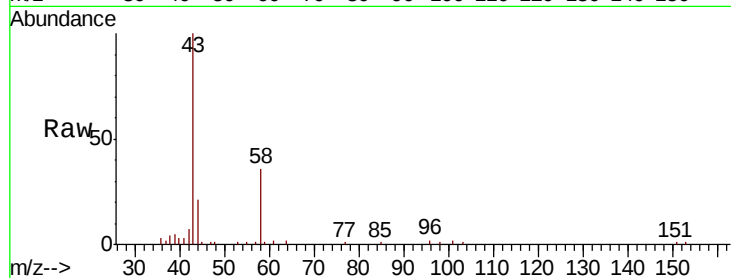
VU0724WBSD01

Tgt Ion: 43 Resp: 21608

Ion Ratio Lower Upper

43 100

58 35.8 26.3 39.5



#14

Carbon Disulfide

Concen: 2.075 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033390.D

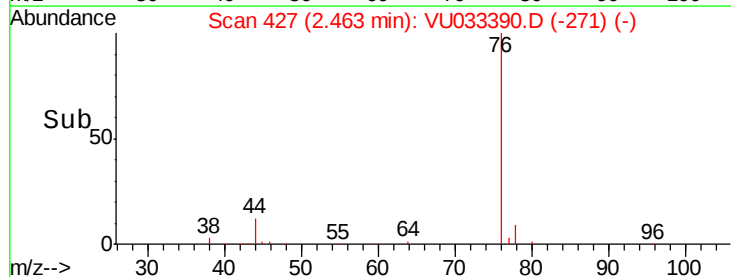
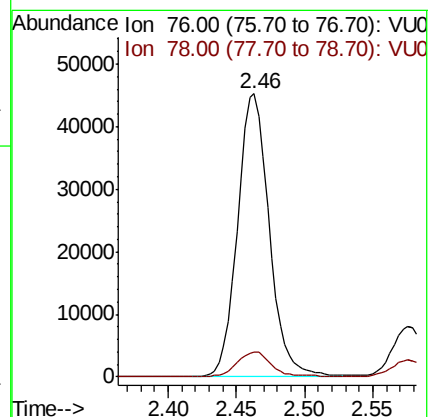
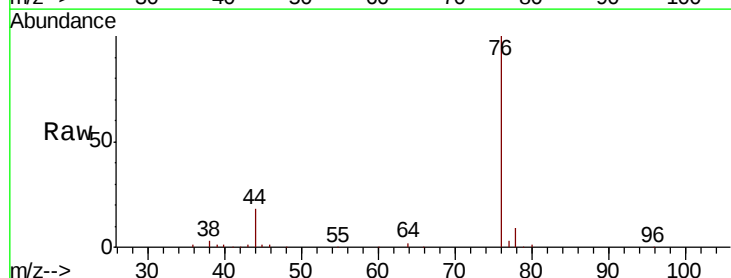
Acq: 24 Jul 2019 13:35

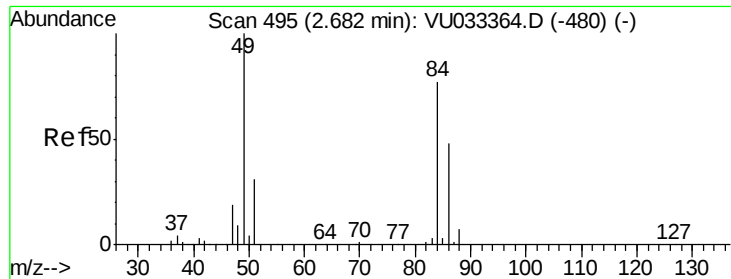
Tgt Ion: 76 Resp: 73187

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

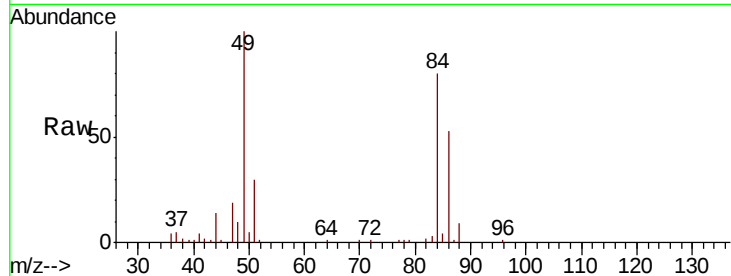




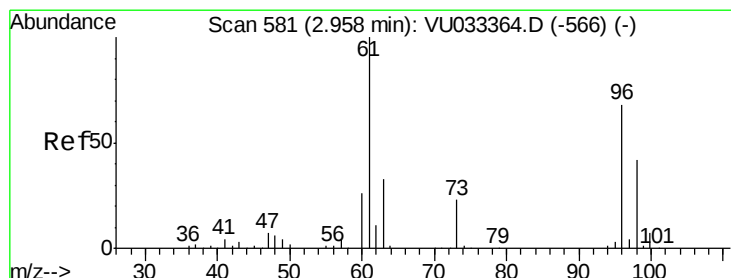
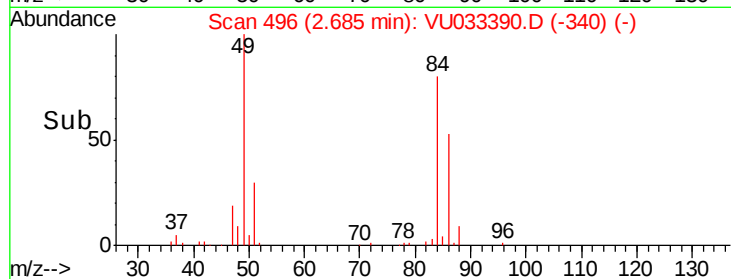
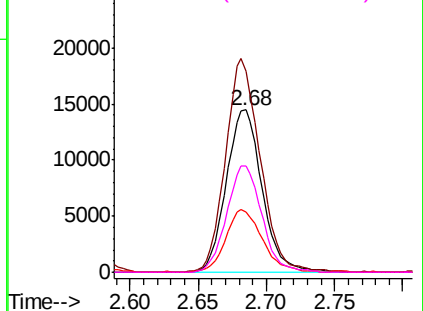
#15
Methylene Chloride
Concen: 2.108 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 84 Resp: 26386
Ion Ratio Lower Upper
84 100
49 123.7 103.5 155.3
51 37.2 0.0 80.4
86 65.9 50.1 75.1

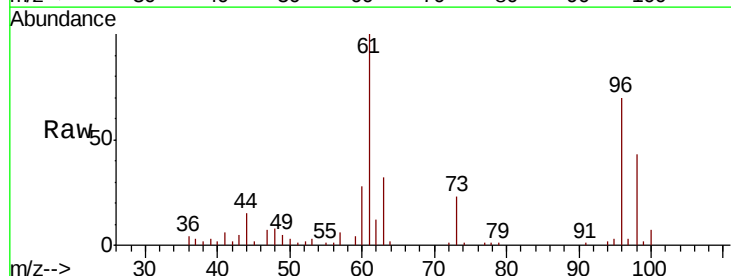


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

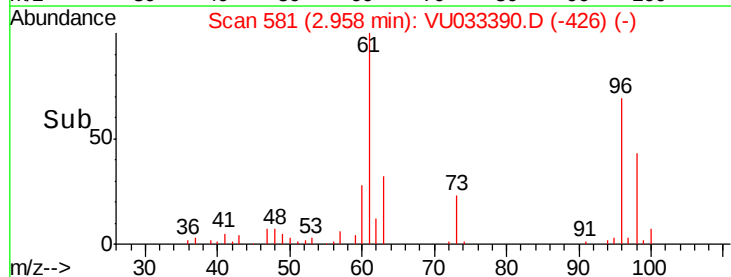
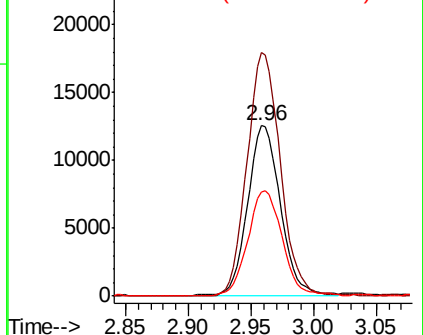


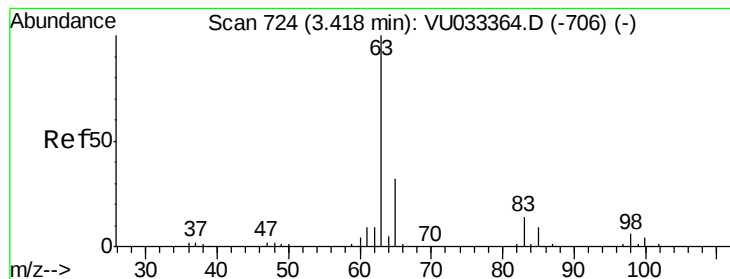
#16
trans-1,2-Dichloroethene
Concen: 2.094 ug/l
RT: 2.96 min Scan# 581
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 96 Resp: 23084
Ion Ratio Lower Upper
96 100
61 143.2 118.0 177.0
98 61.2 49.4 74.2



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: 2.120 ug/l

RT: 3.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

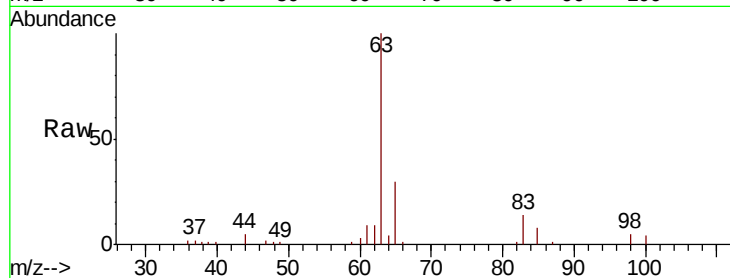
Tgt Ion: 63 Resp: 31364

Ion Ratio Lower Upper

63 100

98 5.4 3.2 9.6

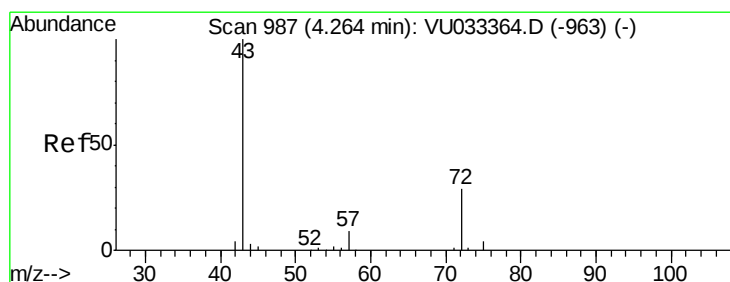
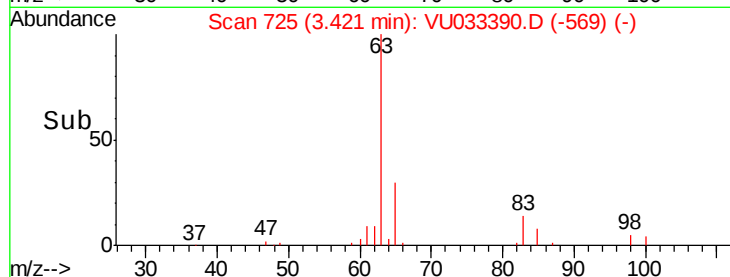
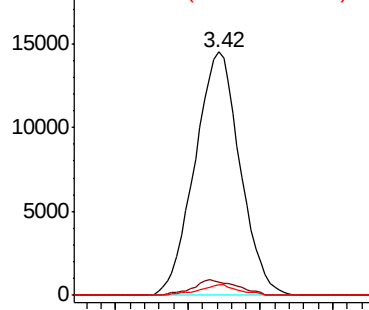
100 4.4 2.1 6.2



Abundance Ion 63.00 (62.70 to 63.70): VU033364.D (-706) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-706) (-)

Ion 100.00 (99.70 to 100.70): VU033364.D (-706) (-)



#18

2-Butanone

Concen: 8.473 ug/l

RT: 4.26 min Scan# 985

Delta R.T. -0.01 min

Lab File: VU033390.D

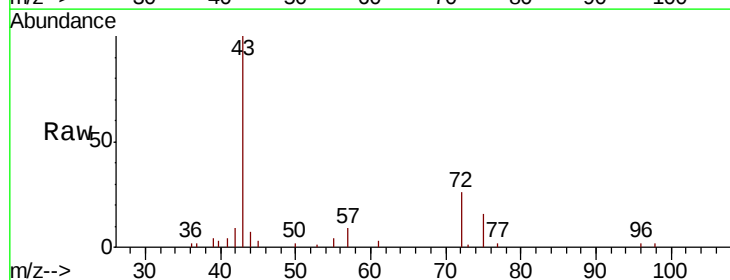
Acq: 24 Jul 2019 13:35

Tgt Ion: 43 Resp: 17876

Ion Ratio Lower Upper

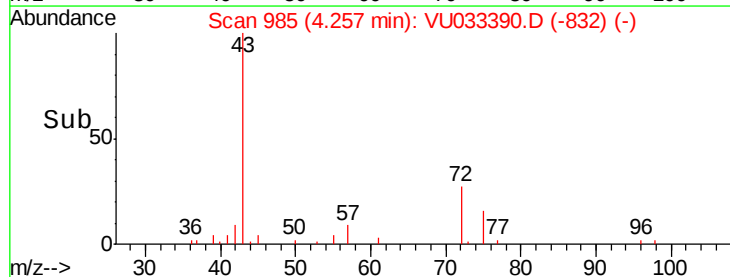
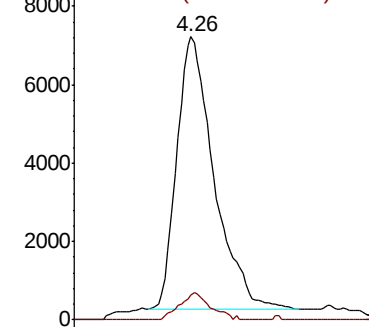
43 100

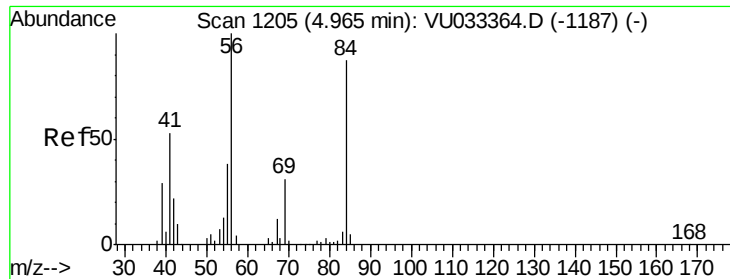
57 9.1 0.0 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU033364.D (-963) (-)

Ion 57.00 (56.70 to 57.70): VU033364.D (-963) (-)

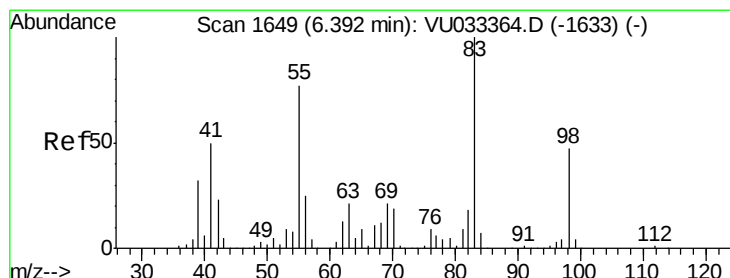
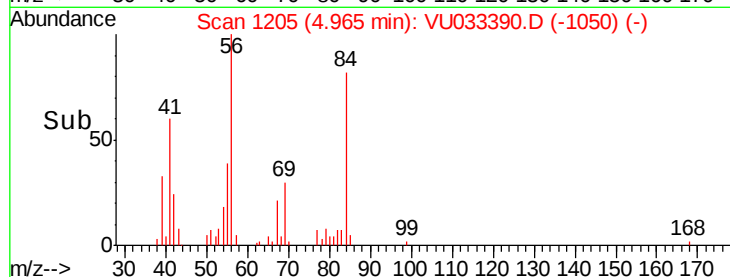
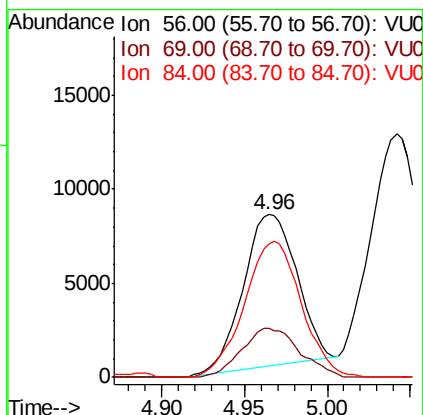
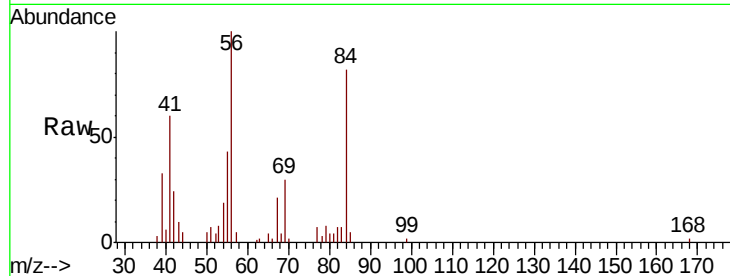




#19
Cyclohexane
Concen: 1.678 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

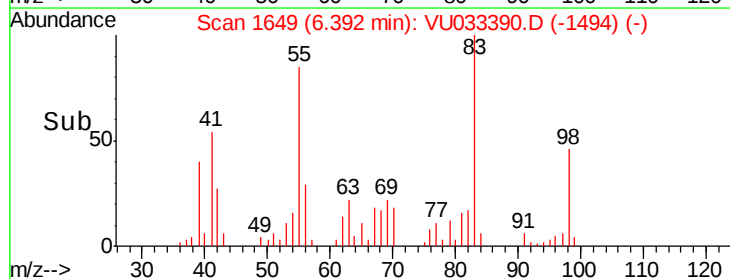
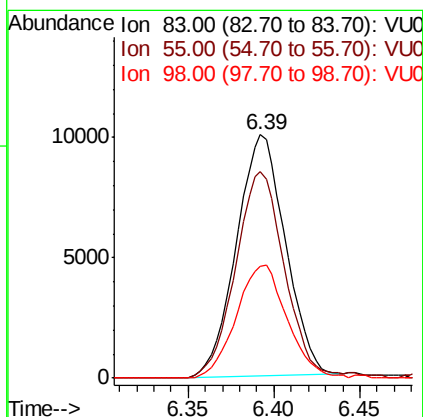
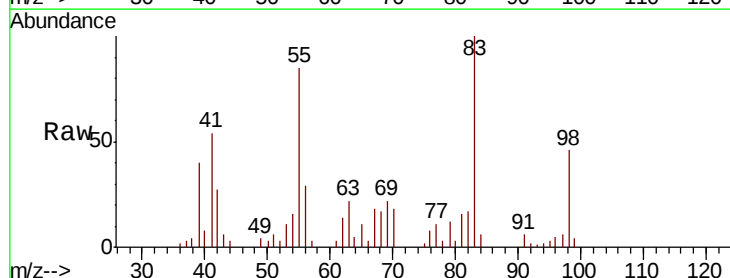
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

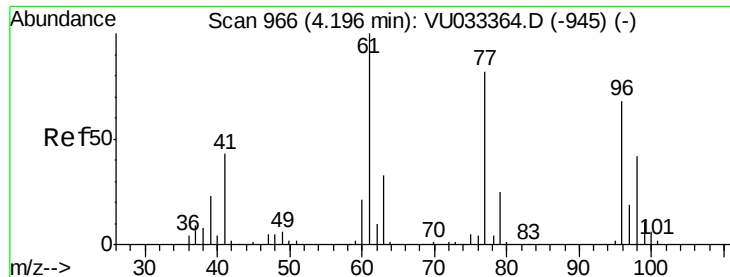
Tgt Ion: 56 Resp: 18219
Ion Ratio Lower Upper
56 100
69 34.9 25.0 37.4
84 95.0 69.8 104.6



#20
Methylcyclohexane
Concen: 1.818 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 83 Resp: 19869
Ion Ratio Lower Upper
83 100
55 82.7 62.3 93.5
98 48.4 37.4 56.0





#21

2,2-Dichloropropane

Concen: 2.195 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

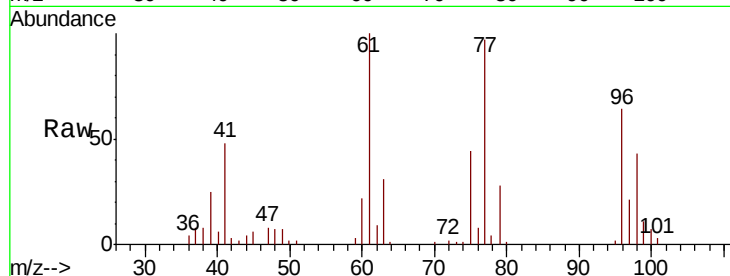
VU0724WBSD01

Tgt Ion: 77 Resp: 27517

Ion Ratio Lower Upper

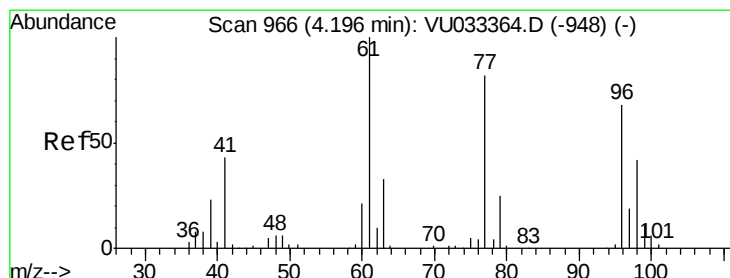
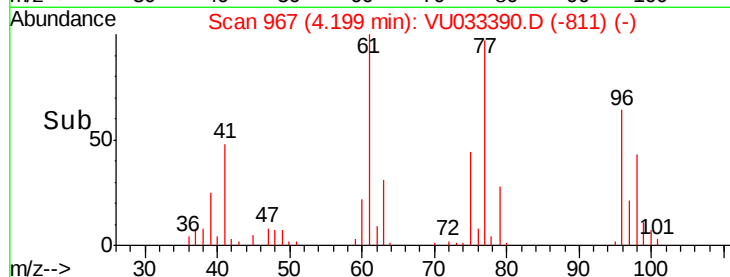
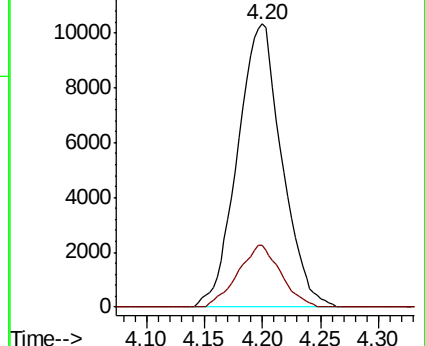
77 100

97 21.2 17.8 26.8



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.041 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

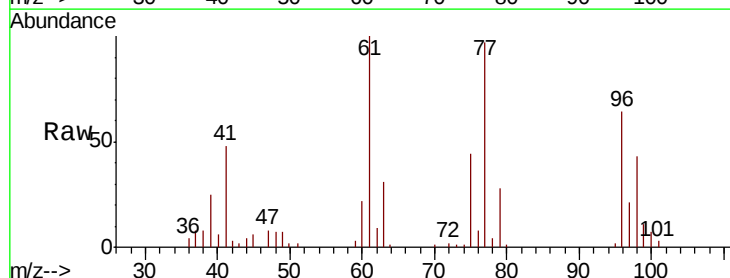
Tgt Ion: 96 Resp: 17052

Ion Ratio Lower Upper

96 100

61 158.1 0.0 376.3

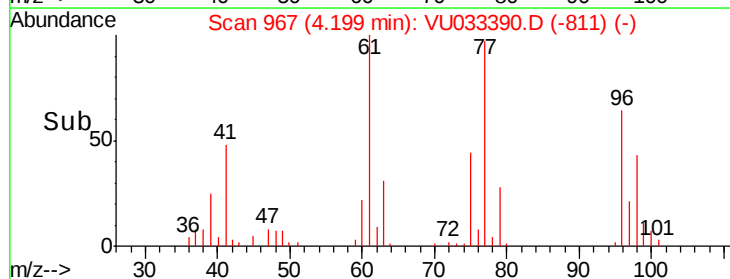
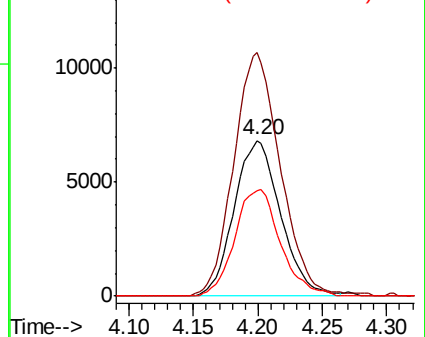
98 67.3 31.9 95.9

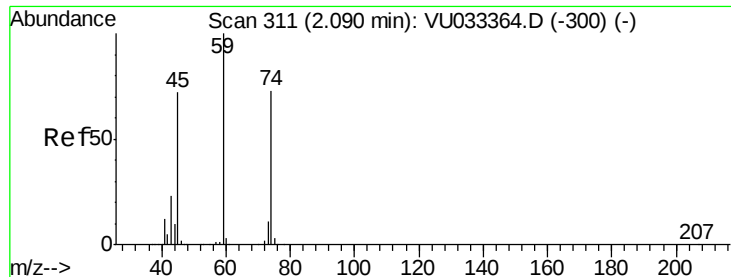


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

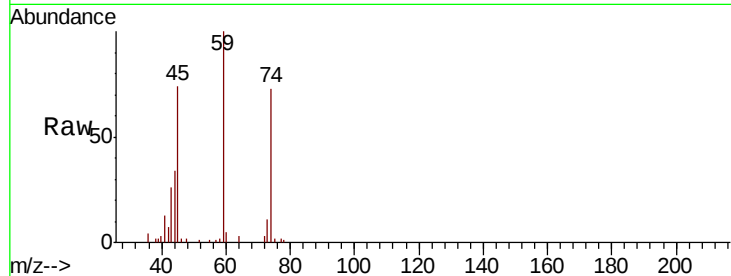




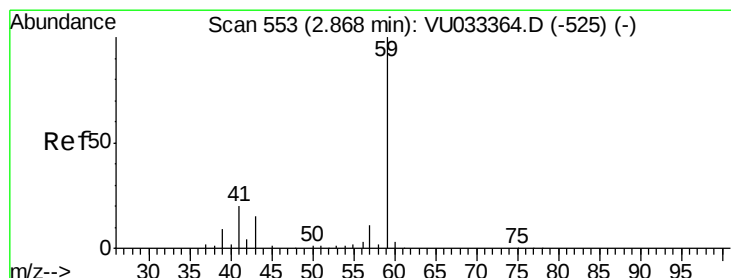
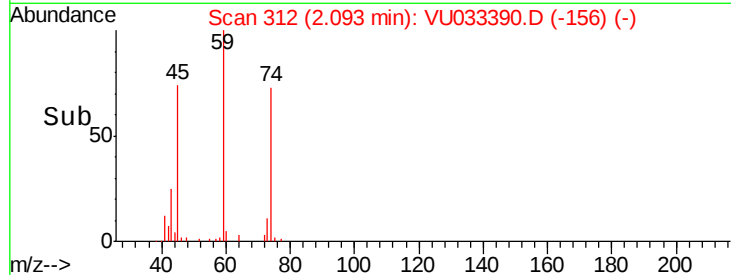
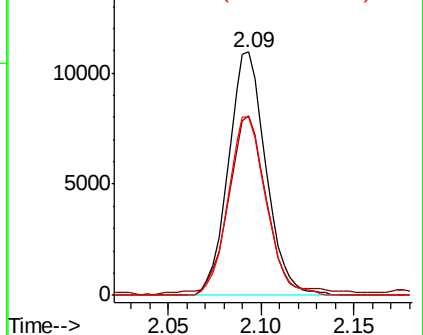
#23
Diethyl Ether
Concen: 1.917 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 59 Resp: 15334
Ion Ratio Lower Upper
59 100
45 78.0 57.6 86.4
74 74.5 57.8 86.6

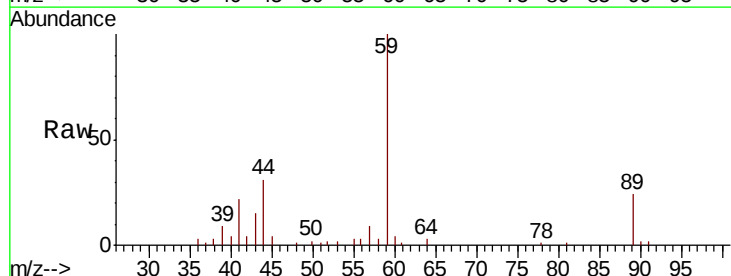


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

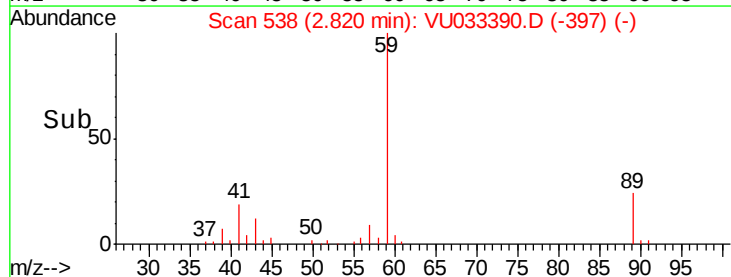
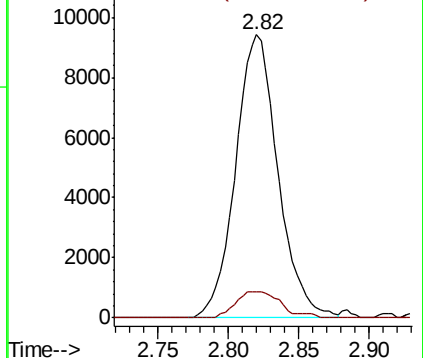


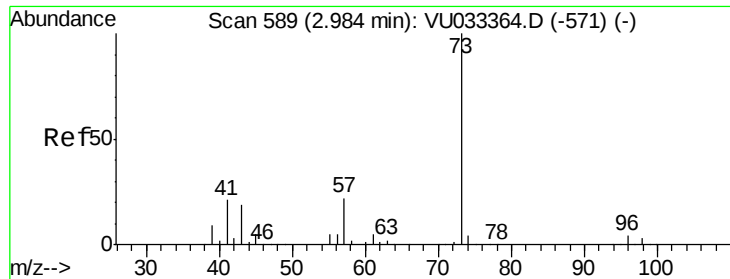
#24
tert-Butyl Alcohol
Concen: 15.648 ug/l
RT: 2.82 min Scan# 538
Delta R.T. -0.05 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 59 Resp: 19838
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



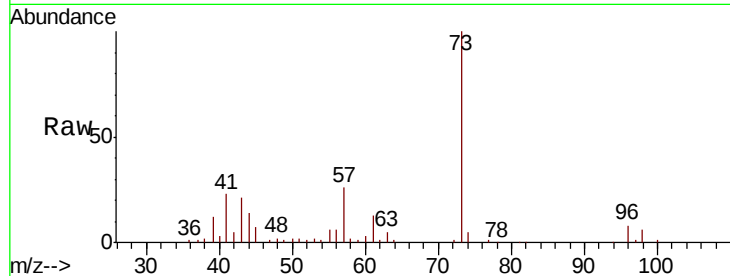


#25

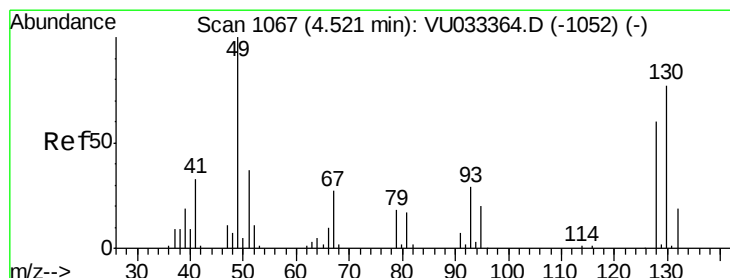
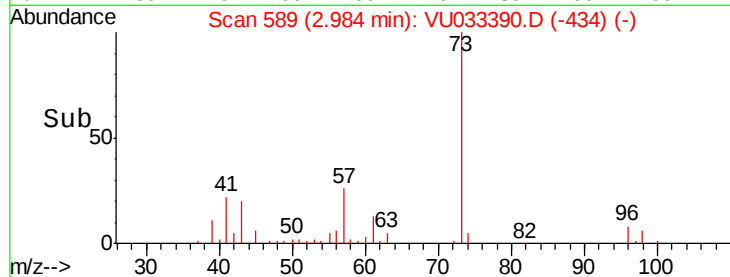
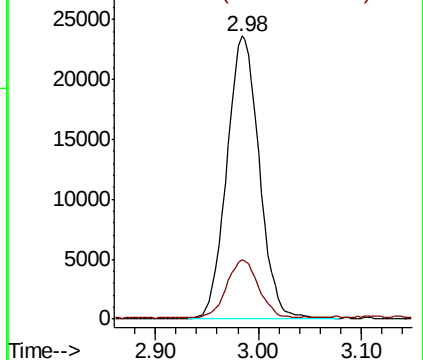
Methyl tert-Butyl Ether
Concen: 1.942 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 73 Resp: 51896
Ion Ratio Lower Upper
73 100
43 20.4 16.6 24.8



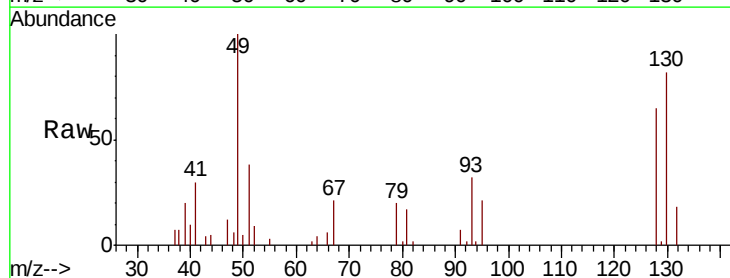
Abundance Ion 73.00 (72.70 to 73.70): VU033364.D (-571) (-)
Ion 43.00 (42.70 to 43.70): VU033390.D (-434) (-)



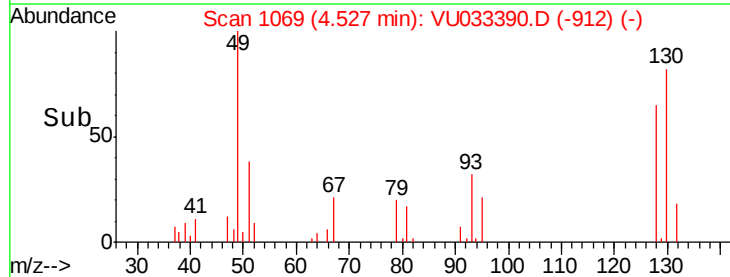
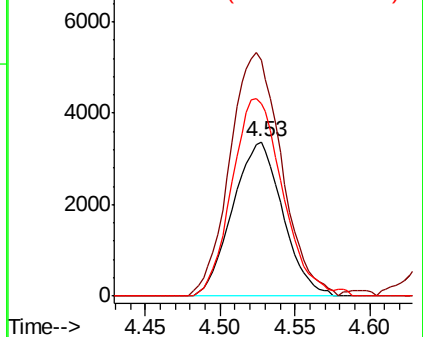
#26

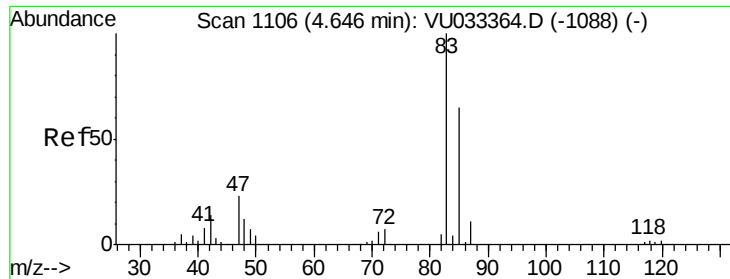
Bromochloromethane
Concen: 2.141 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 128 Resp: 7863
Ion Ratio Lower Upper
128 100
49 162.9 0.0 333.4
130 130.4 103.4 155.2



Abundance Ion 128.00 (127.70 to 128.70): VU033364.D (-1052) (-)
Ion 49.00 (48.70 to 49.70): VU033390.D (-912) (-)
Ion 130.00 (129.70 to 130.70): VU033390.D (-912) (-)

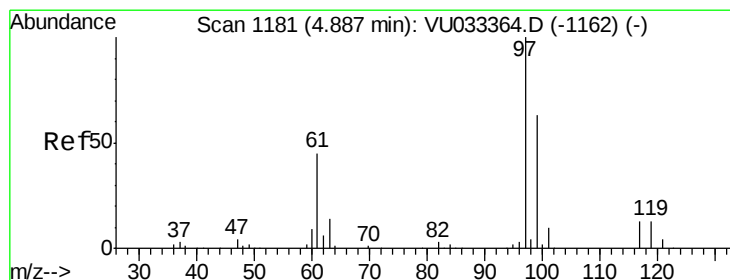
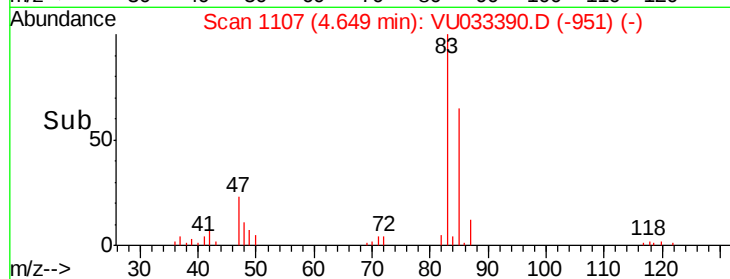
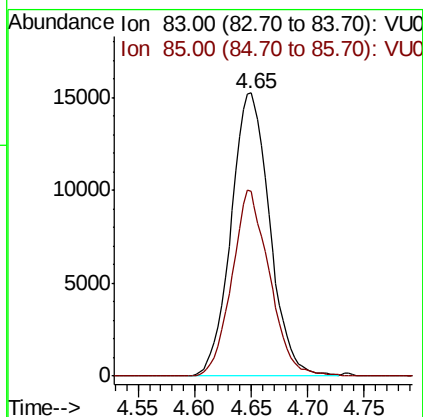
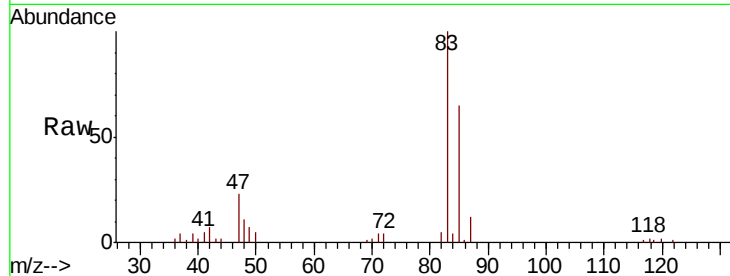




#27
Chloroform
Concen: 2.141 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

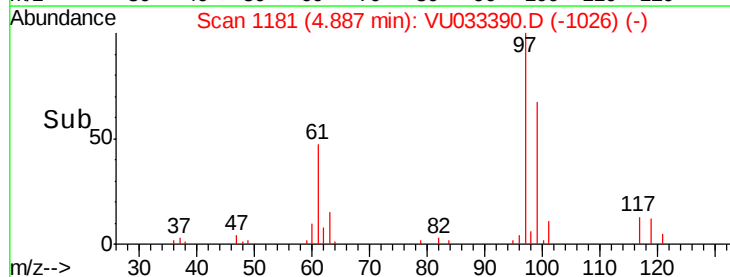
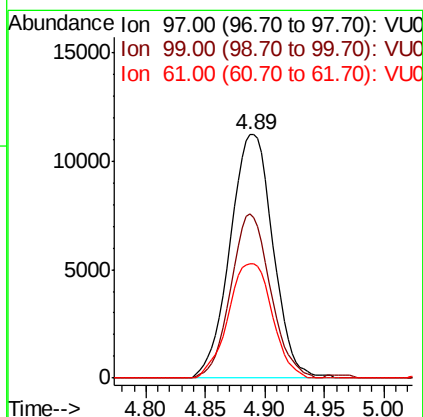
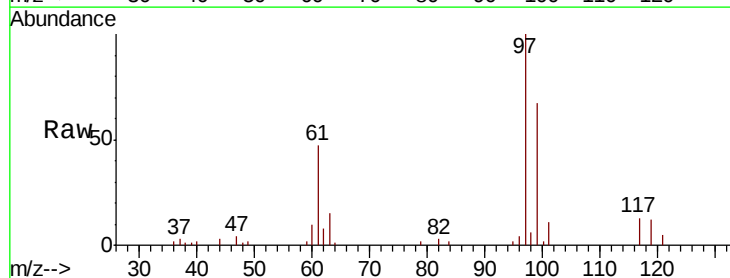
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

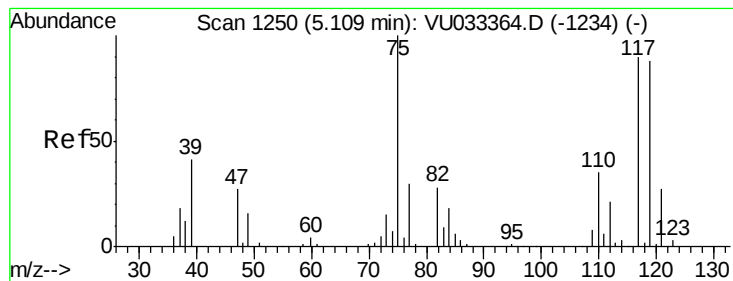
Tgt Ion: 83 Resp: 36187
Ion Ratio Lower Upper
83 100
85 65.5 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 2.143 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 97 Resp: 28054
Ion Ratio Lower Upper
97 100
99 62.4 31.9 95.5
61 47.9 22.7 68.0





#29

1,1-Dichloropropene

Concen: 1.896 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

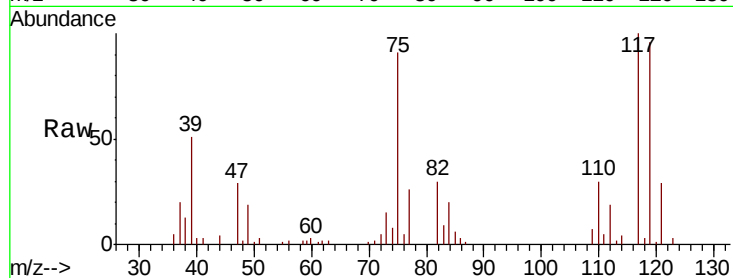
Tgt Ion: 75 Resp: 20467

Ion Ratio Lower Upper

75 100

110 35.7 17.5 52.6

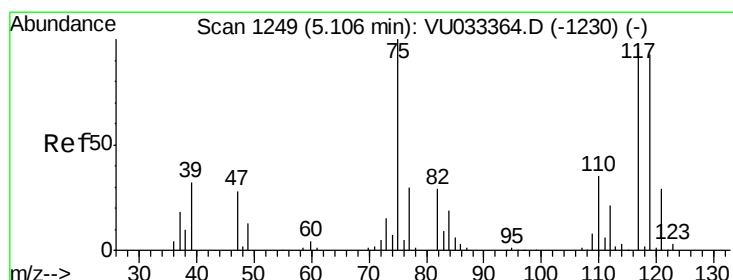
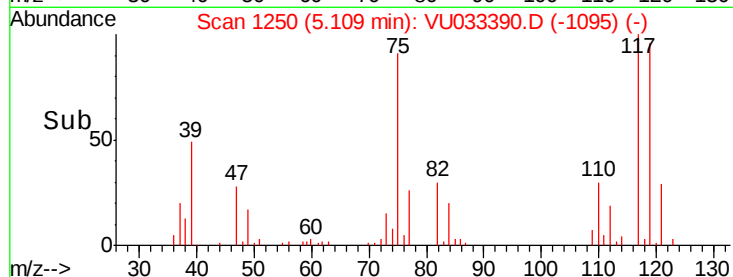
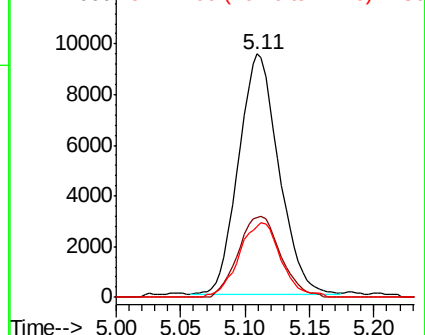
77 32.5 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VU033364.D (-1234) (-)

Ion 110.00 (109.70 to 110.70): VU033364.D (-1234) (-)

Ion 77.00 (76.70 to 77.70): VU033364.D (-1234) (-)



#30

Carbon Tetrachloride

Concen: 2.069 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

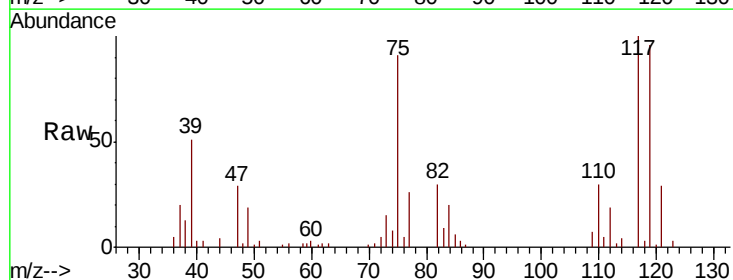
Tgt Ion: 117 Resp: 23839

Ion Ratio Lower Upper

117 100

119 96.5 77.9 116.9

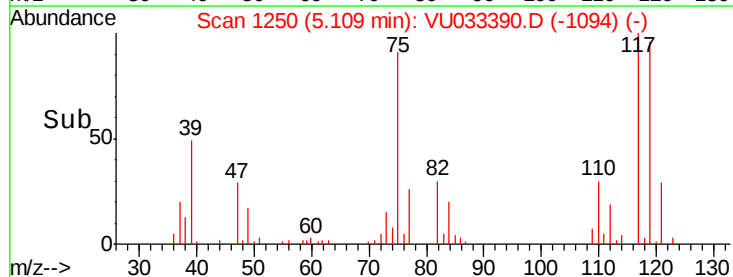
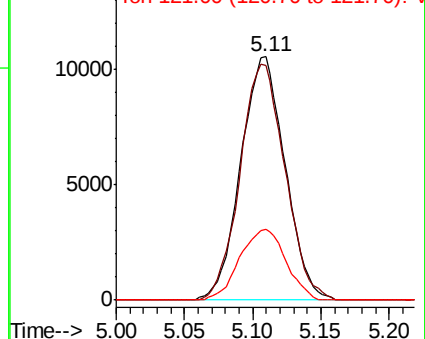
121 29.0 24.0 36.0

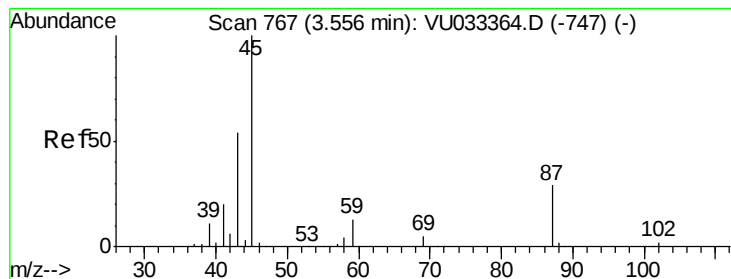


Abundance Ion 117.00 (116.70 to 117.70): VU033364.D (-1230) (-)

Ion 119.00 (118.70 to 119.70): VU033364.D (-1230) (-)

Ion 121.00 (120.70 to 121.70): VU033364.D (-1230) (-)





#31

Isopropyl Ether

Concen: 1.938 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

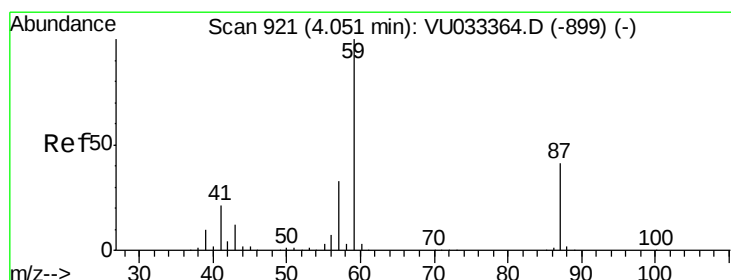
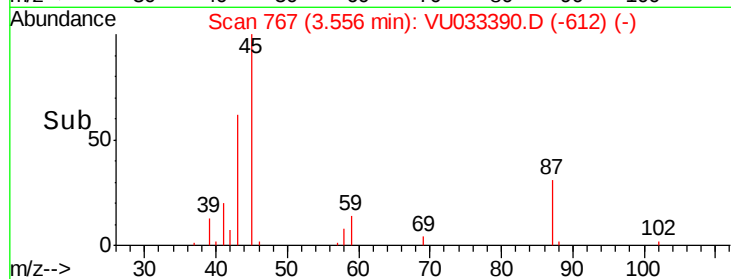
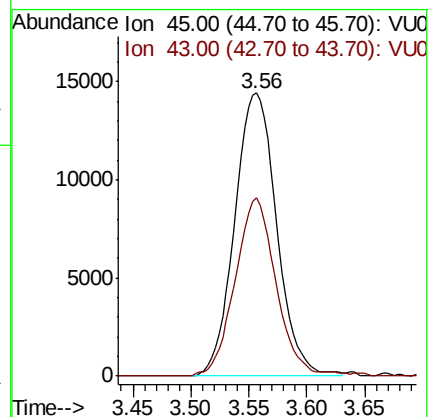
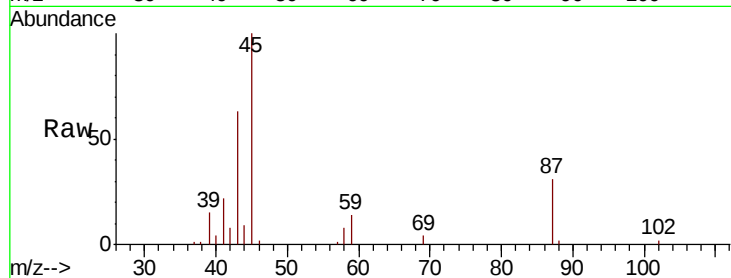
VU0724WBSD01

Tgt Ion: 45 Resp: 36242

Ion Ratio Lower Upper

45 100

43 60.6 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 1.857 ug/l

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VU033390.D

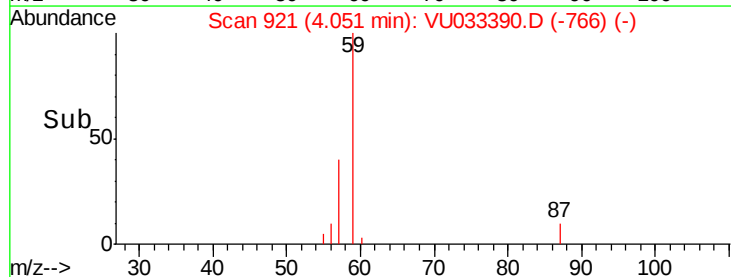
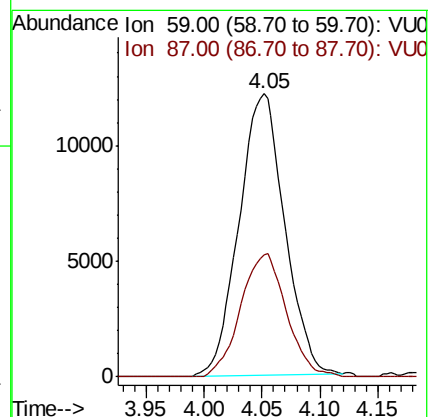
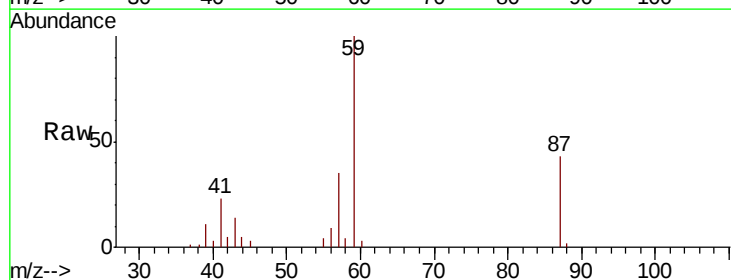
Acq: 24 Jul 2019 13:35

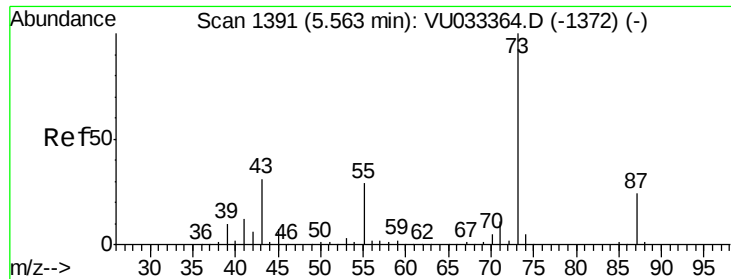
Tgt Ion: 59 Resp: 33375

Ion Ratio Lower Upper

59 100

87 43.9 33.8 50.6

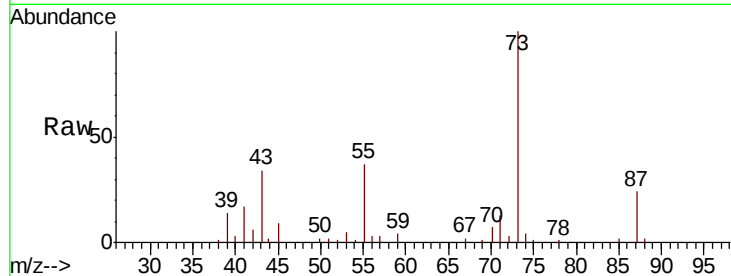




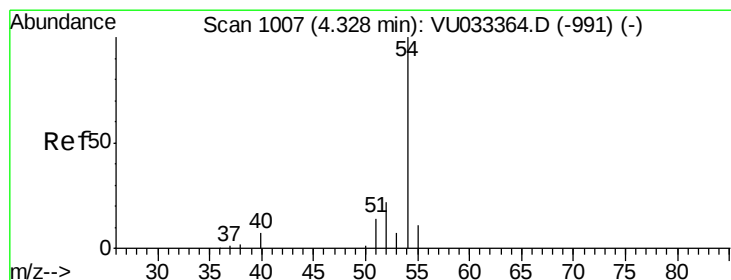
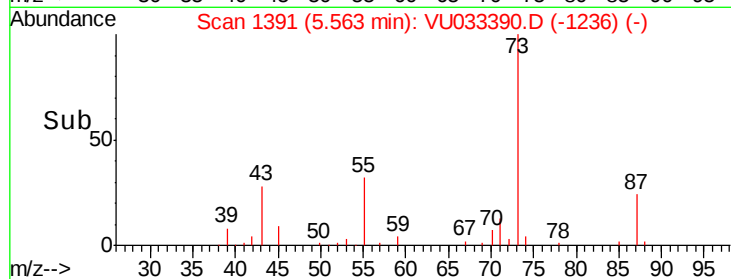
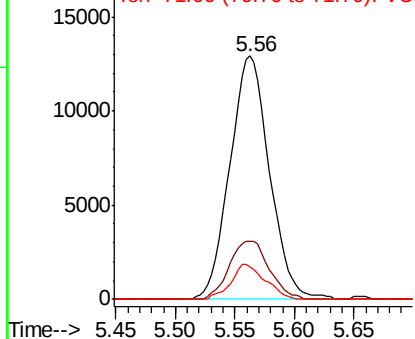
#33
Tert-Amyl methyl ether
Concen: 1.845 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 73 Resp: 29819
Ion Ratio Lower Upper
73 100
87 23.9 18.9 28.3
71 12.3 9.3 13.9

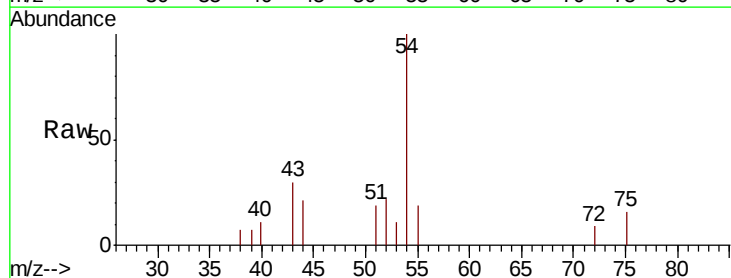


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

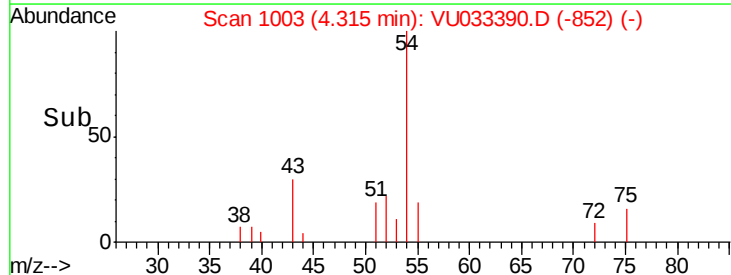
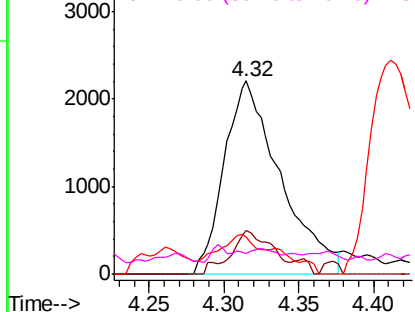


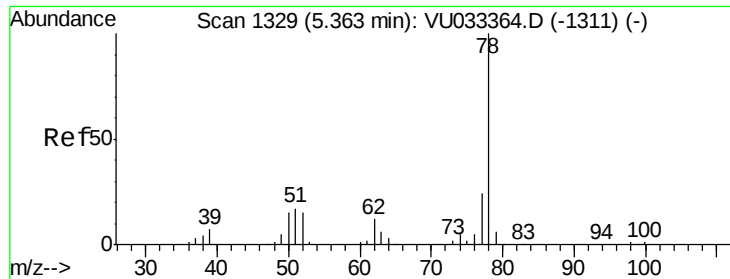
#34
Propionitrile
Concen: 9.515 ug/l
RT: 4.32 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 54 Resp: 5759
Ion Ratio Lower Upper
54 100
52 16.4 17.1 25.7#
55 8.1 11.6 17.4#
40 2.5 3.5 5.3#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 2.071 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

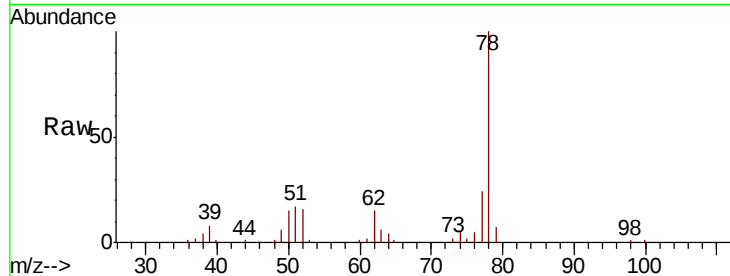
VU0724WBSD01

Tgt Ion: 78 Resp: 64610

Ion Ratio Lower Upper

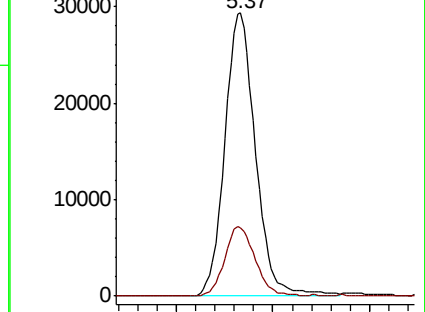
78 100

77 24.1 19.4 29.2

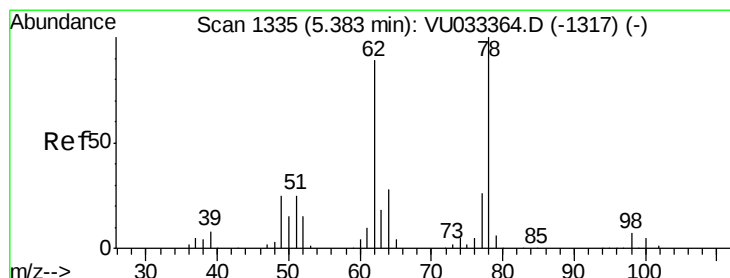
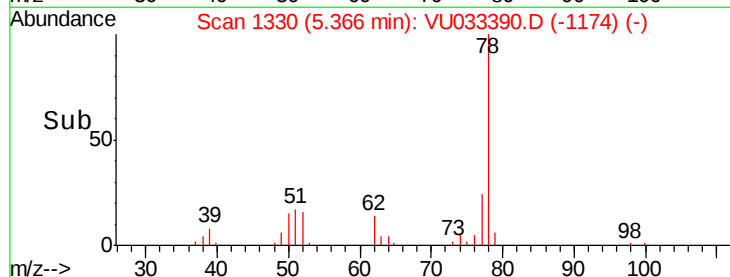


Abundance Ion 78.10 (77.80 to 78.80): VU033364.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033390.D (-1174) (-)



Time-->



#36

1,2-Dichloroethane

Concen: 2.103 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033390.D

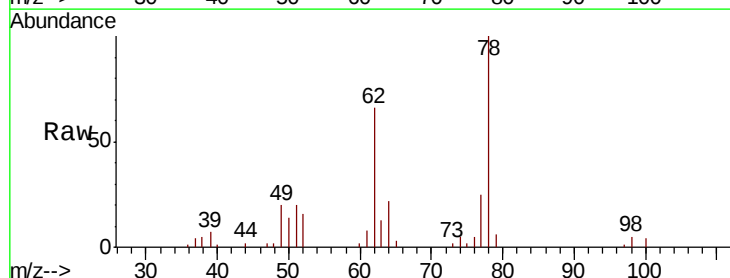
Acq: 24 Jul 2019 13:35

Tgt Ion: 62 Resp: 21828

Ion Ratio Lower Upper

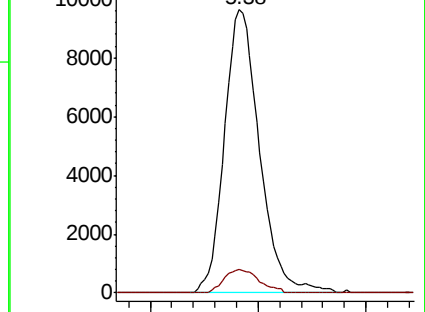
62 100

98 8.2 6.5 9.7

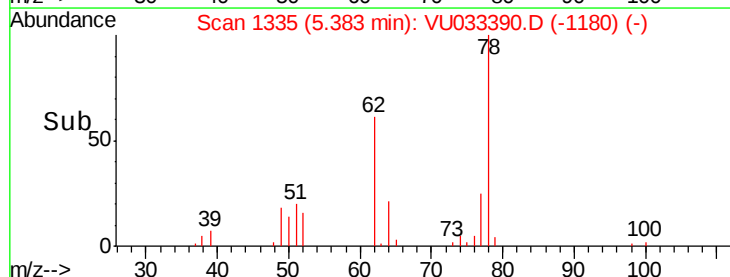


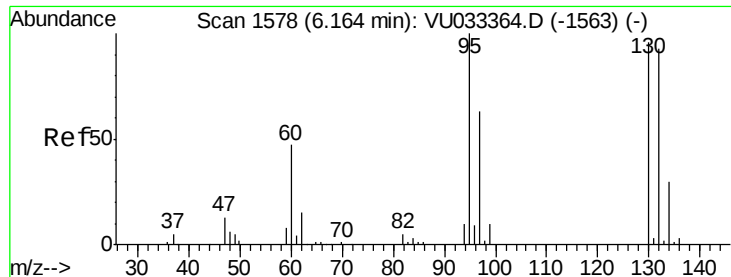
Abundance Ion 62.00 (61.70 to 62.70): VU033364.D (-1317) (-)

Ion 98.00 (97.70 to 98.70): VU033390.D (-1180) (-)



Time-->

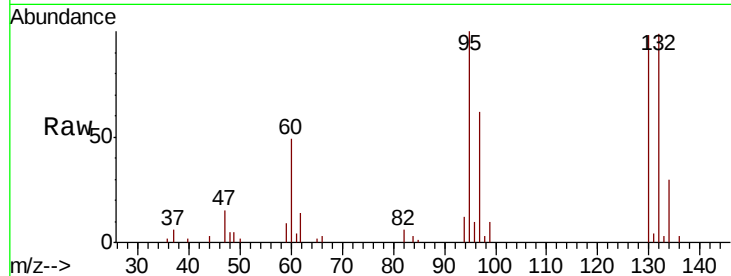




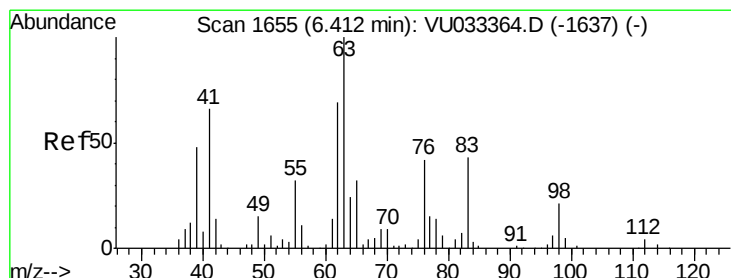
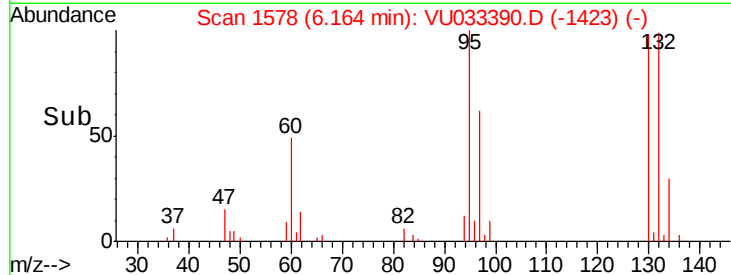
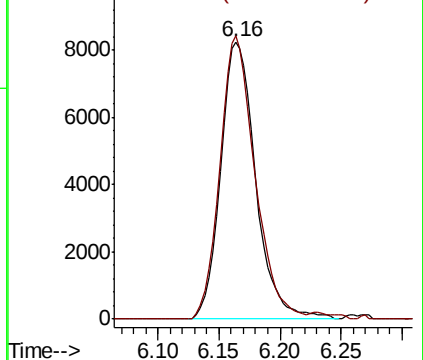
#37
 Trichloroethene
 Concen: 2.012 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

Tgt Ion: 130 Resp: 16565
 Ion Ratio Lower Upper
 130 100
 95 102.0 83.4 125.0

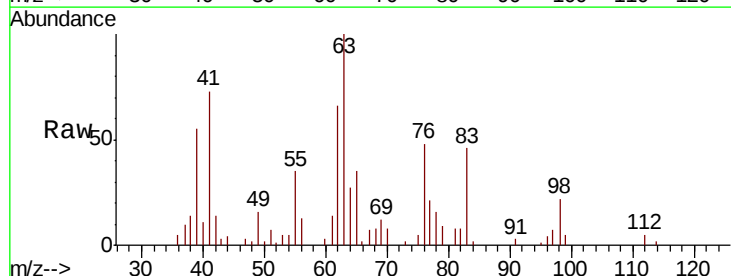


Abundance Ion 129.90 (129.60 to 130.60): VU033364.D (-1563) (-)
 Ion 94.90 (94.60 to 95.60): VU033390.D (-1423) (-)

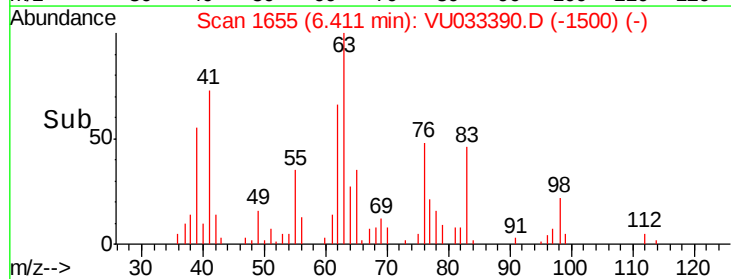
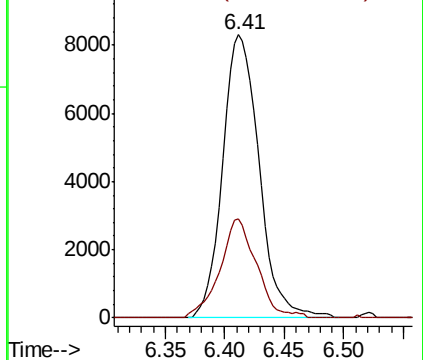


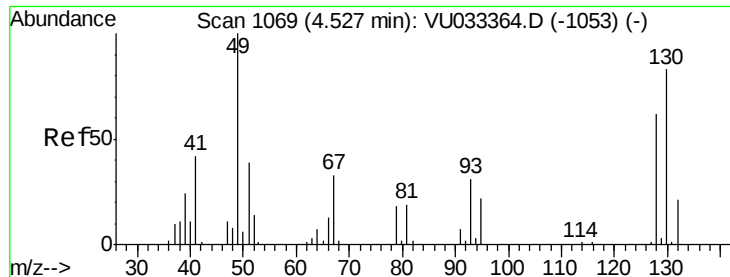
#38
 1,2-Dichloropropane
 Concen: 2.050 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion: 63 Resp: 17646
 Ion Ratio Lower Upper
 63 100
 65 35.2 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033364.D (-1637) (-)
 Ion 65.00 (64.70 to 65.70): VU033390.D (-1500) (-)

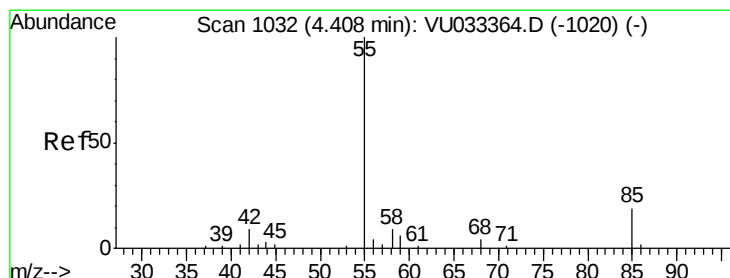
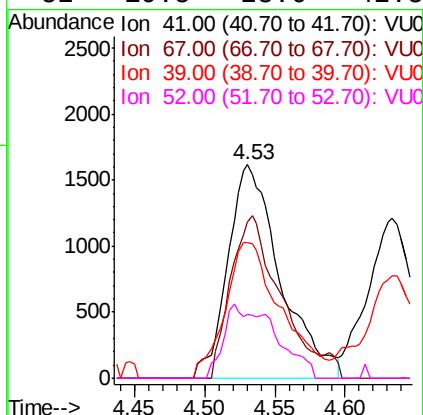
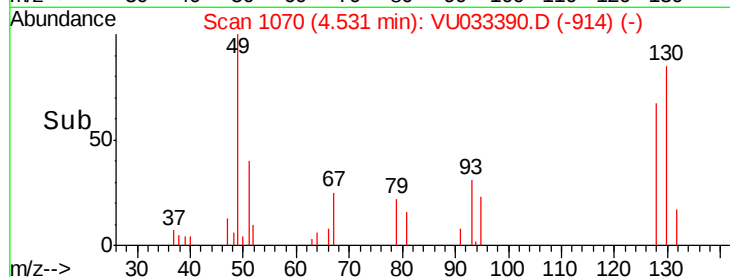
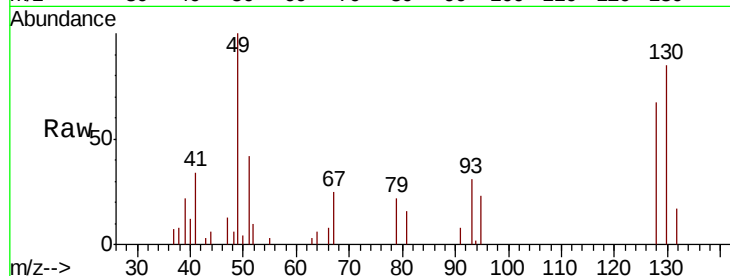




#39
Methacrylonitrile
Concen: 1.753 ug/l
RT: 4.53 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

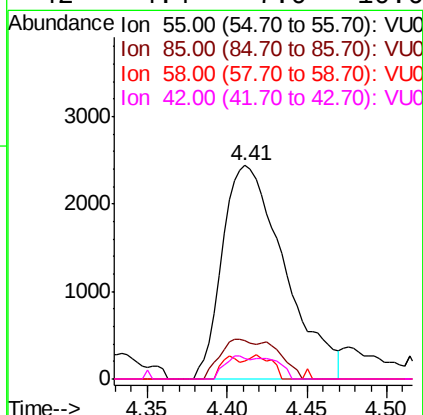
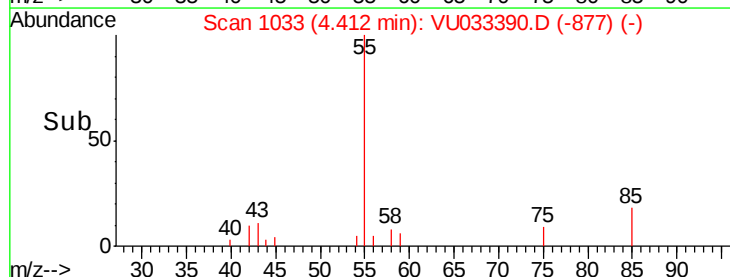
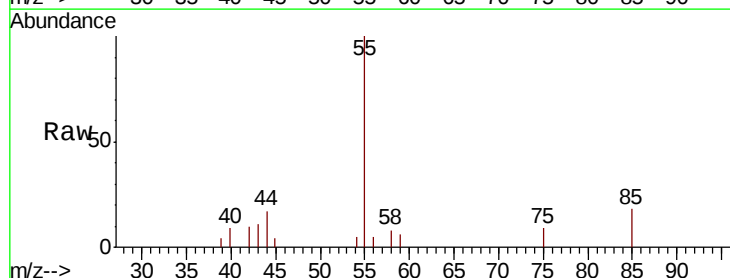
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

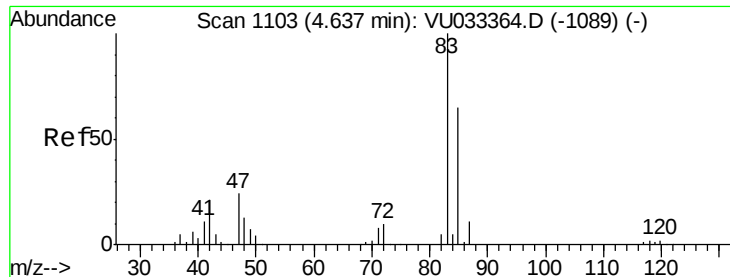
Tgt Ion: 41 Resp: 4212
Ion Ratio Lower Upper
41 100
67 70.2 64.4 96.6
39 67.6 46.8 70.2
52 19.5 28.6 42.8#



#40
Methyl acrylate
Concen: 1.742 ug/l
RT: 4.41 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 55 Resp: 6510
Ion Ratio Lower Upper
55 100
85 0.0 14.8 22.2#
58 4.0 7.1 10.7#
42 4.4 7.0 10.6#

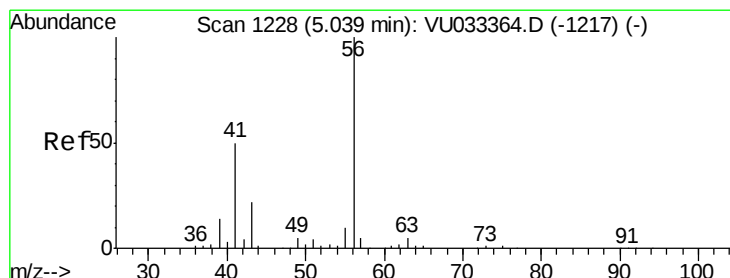
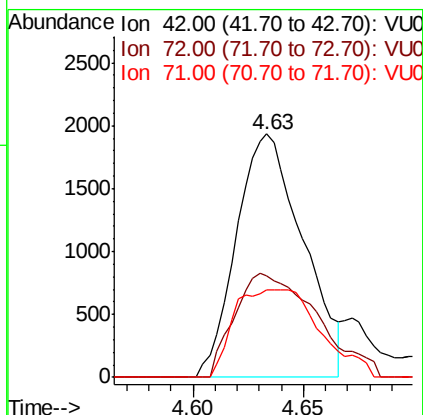
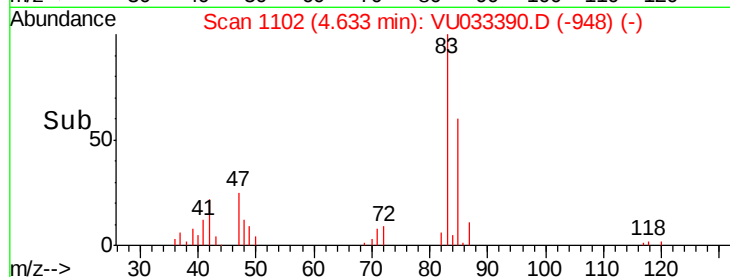
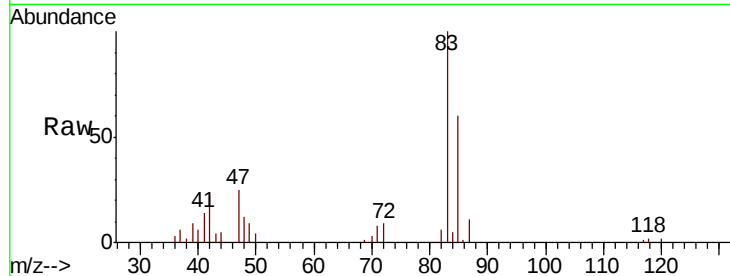




#41
Tetrahydrofuran
Concen: 3.367 ug/l
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

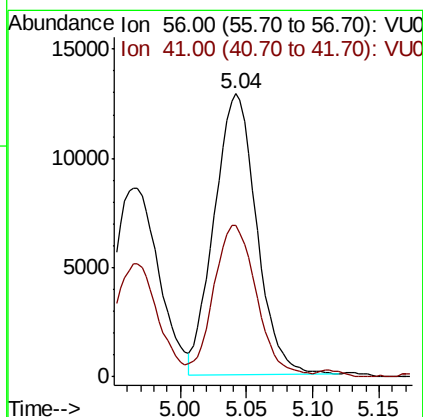
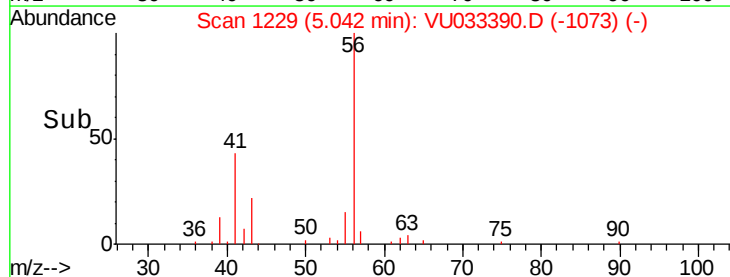
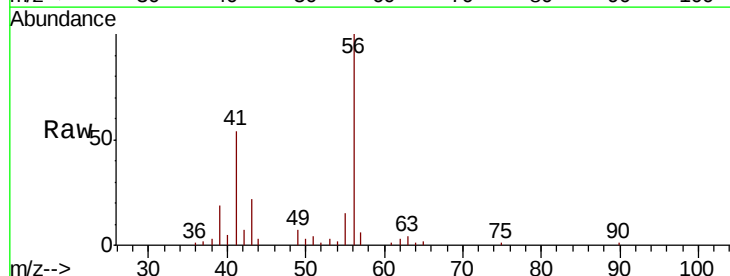
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

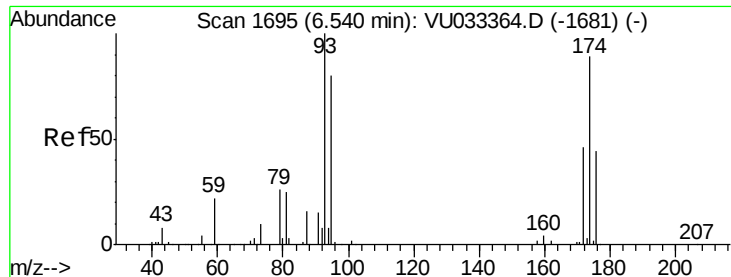
Tgt Ion: 42 Resp: 4056
Ion Ratio Lower Upper
42 100
72 52.9 38.7 58.1
71 46.4 34.6 52.0



#42
1-Chlorobutane
Concen: 1.978 ug/l
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 56 Resp: 28630
Ion Ratio Lower Upper
56 100
41 54.7 25.7 77.1





#43

Dibromomethane

Concen: 2.006 ug/l

RT: 6.54 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

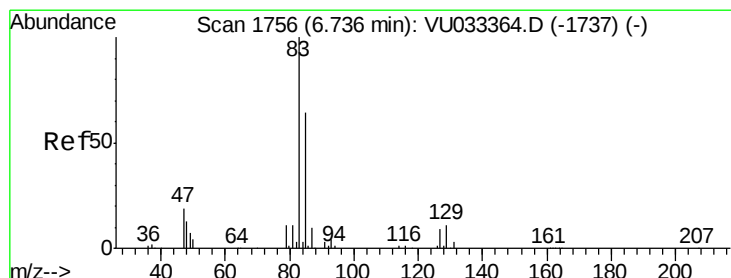
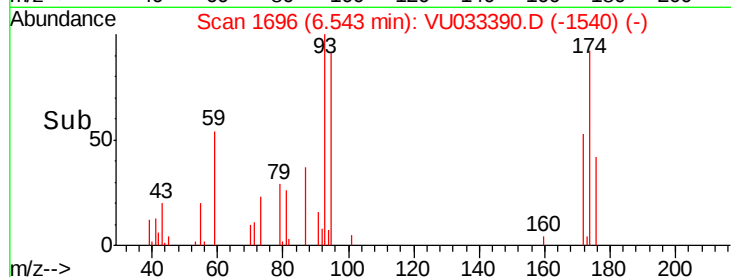
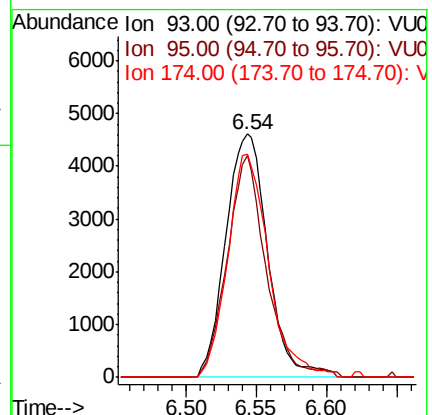
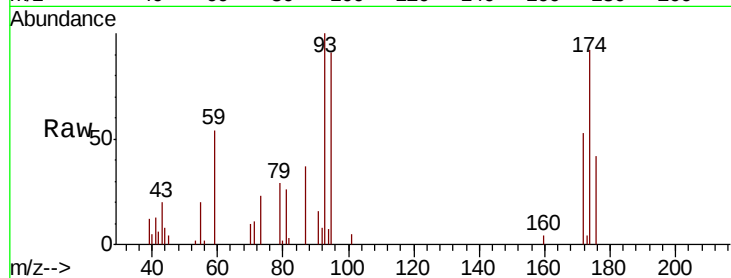
Tgt Ion: 93 Resp: 9557

Ion Ratio Lower Upper

93 100

95 83.4 65.3 97.9

174 89.4 70.7 106.1



#44

Bromodichloromethane

Concen: 2.109 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

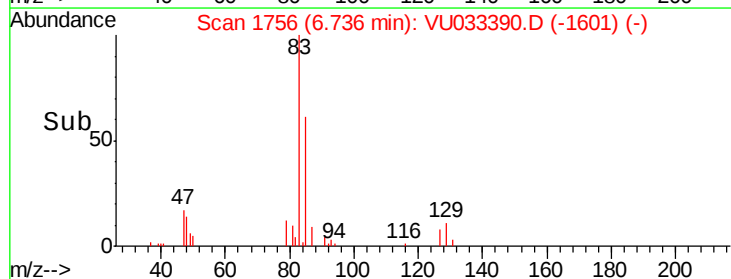
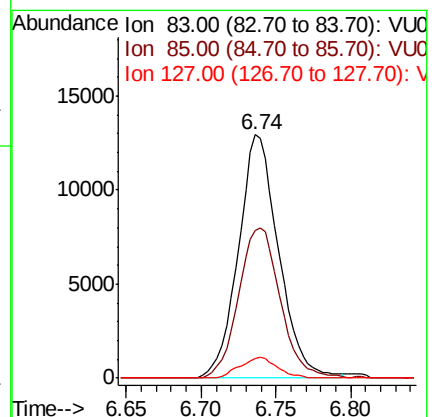
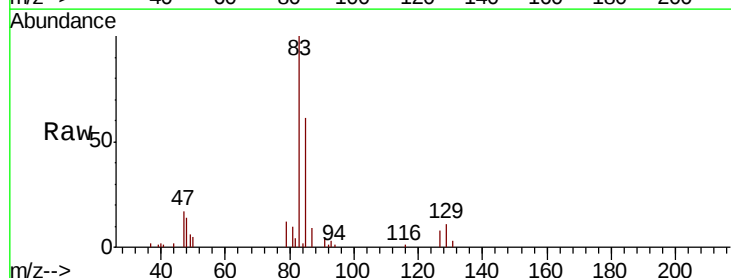
Tgt Ion: 83 Resp: 24225

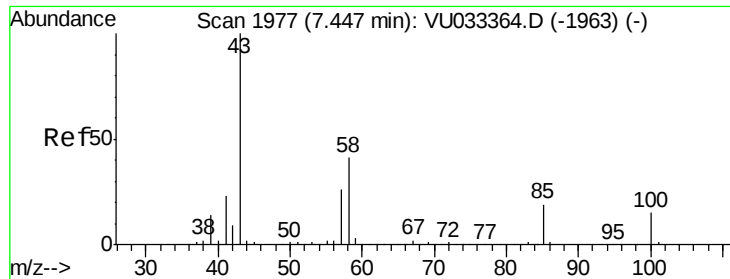
Ion Ratio Lower Upper

83 100

85 60.6 51.1 76.7

127 7.9 7.2 10.8

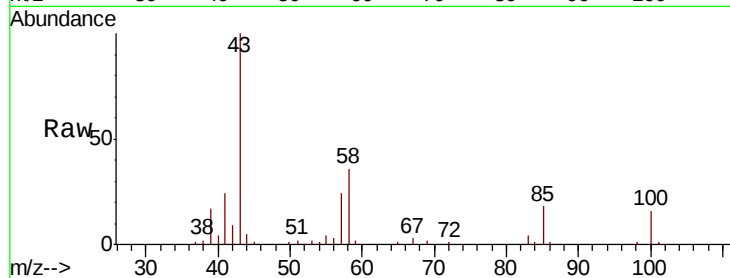




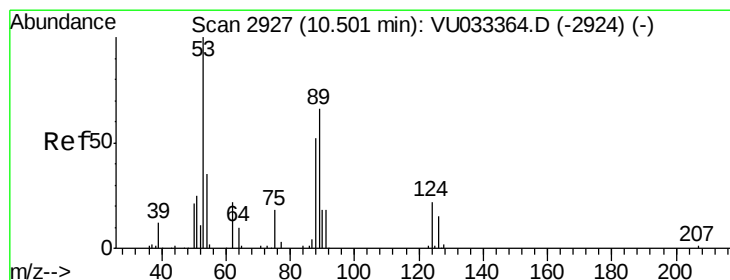
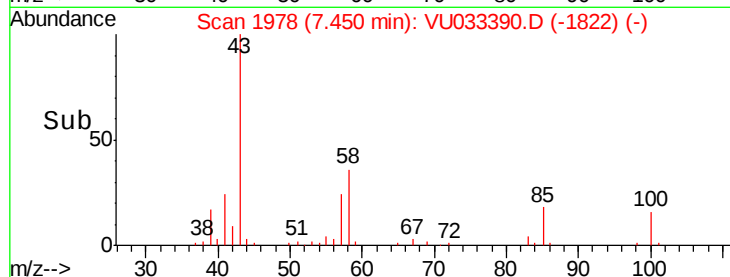
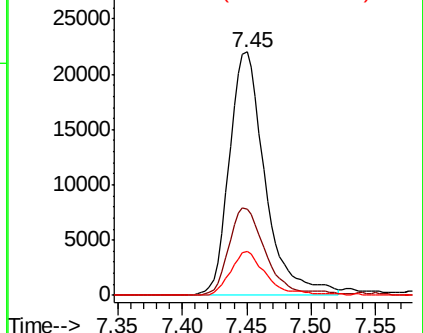
#45
4-Methyl-2-Pentanone
Concen: 8.772 ug/l
RT: 7.45 min Scan# 1978
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 43 Resp: 42625
Ion Ratio Lower Upper
43 100
58 37.1 20.3 60.8
85 16.8 15.0 22.6

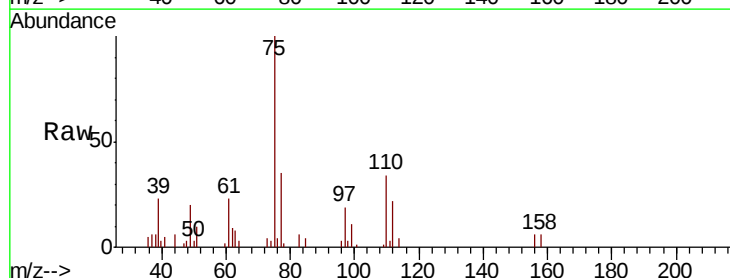


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

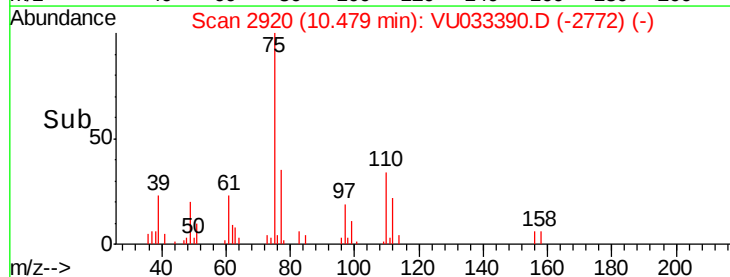
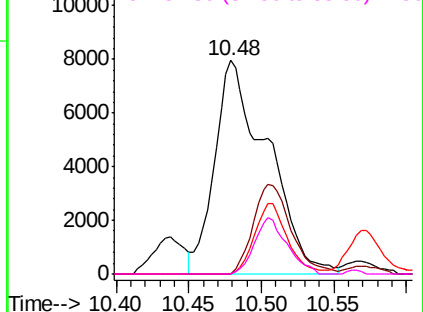


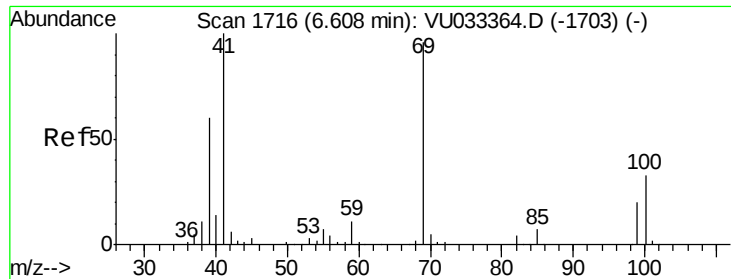
#46
t-1,4-Dichloro-2-butene
Concen: 10.251 ug/l
RT: 10.48 min Scan# 2920
Delta R.T. -0.02 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 75 Resp: 20102
Ion Ratio Lower Upper
75 100
53 30.0 62.9 94.3#
89 20.6 43.0 64.4#
88 16.3 35.0 52.4#



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

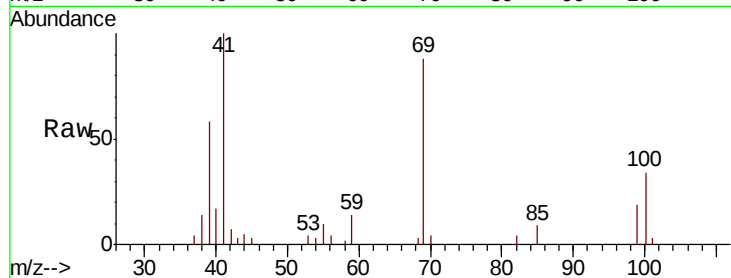




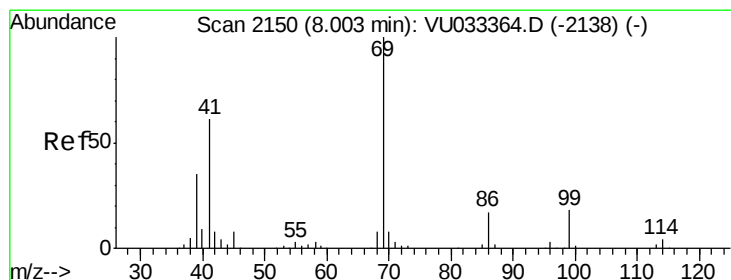
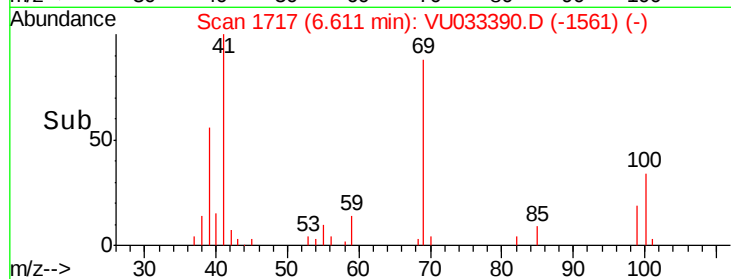
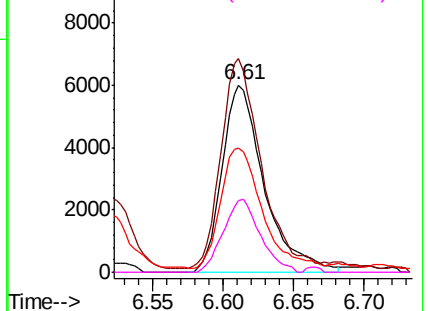
#47
Methyl methacrylate
Concen: 3.437 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

Tgt Ion: 69 Resp: 12481
Ion Ratio Lower Upper
69 100
41 106.4 0.0 208.2
39 62.8 50.6 75.8
100 34.3 27.2 40.8

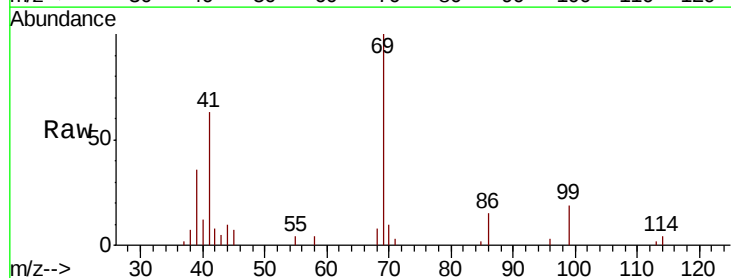


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

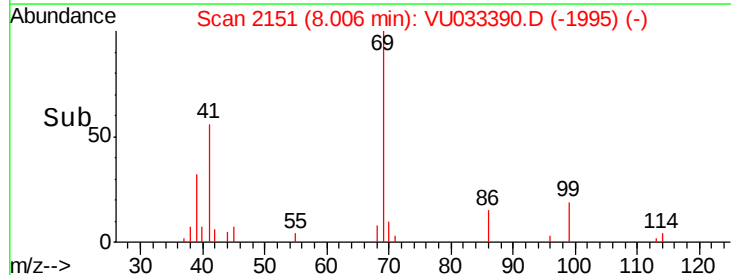
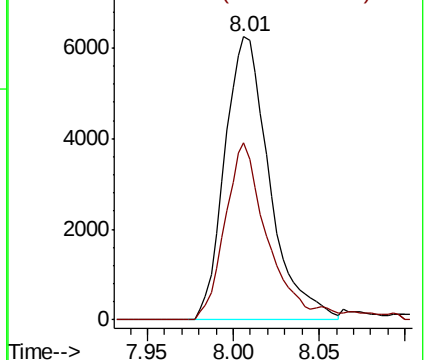


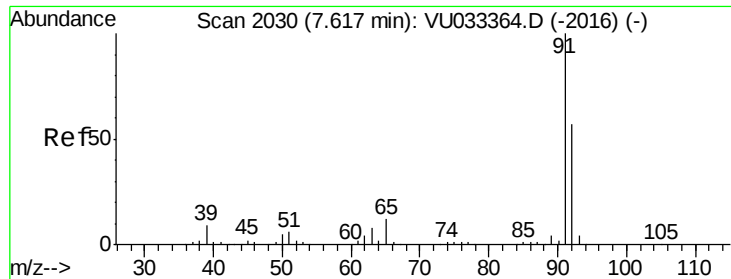
#48
Ethyl methacrylate
Concen: 1.768 ug/l
RT: 8.01 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 69 Resp: 11314
Ion Ratio Lower Upper
69 100
41 57.4 30.9 92.7



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





#49

Toluene

Concen: 1.982 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

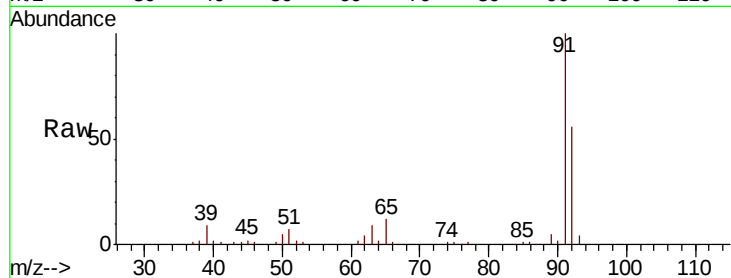
VU0724WBSD01

Tgt Ion: 92 Resp: 35417

Ion Ratio Lower Upper

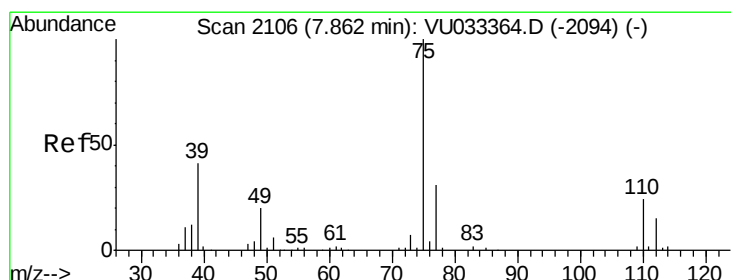
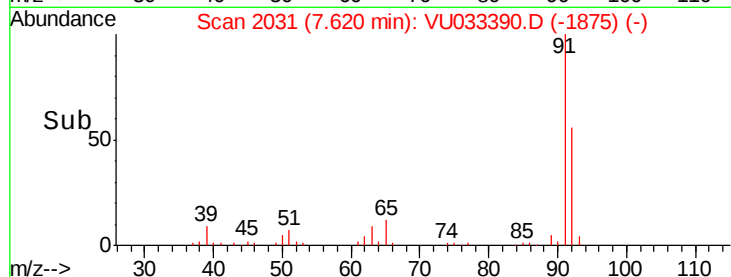
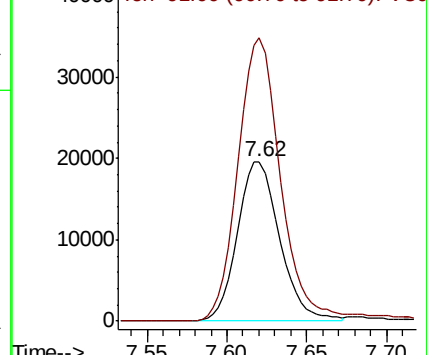
92 100

91 182.9 142.1 213.1



Abundance Ion 92.00 (91.70 to 92.70): VU033364.D (-2016) (-)

Ion 91.00 (90.70 to 91.70): VU033364.D (-2016) (-)



#50

t-1,3-Dichloropropene

Concen: 1.825 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033390.D

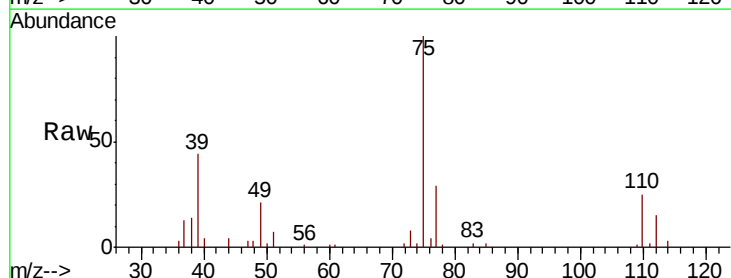
Acq: 24 Jul 2019 13:35

Tgt Ion: 75 Resp: 17489

Ion Ratio Lower Upper

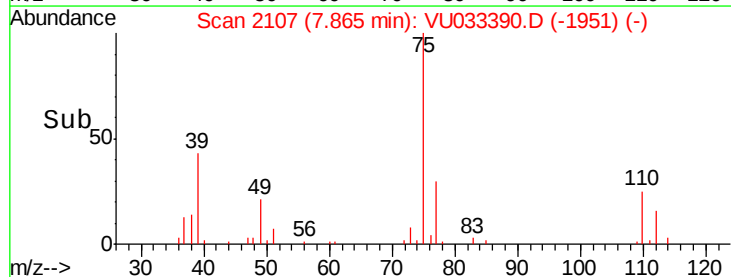
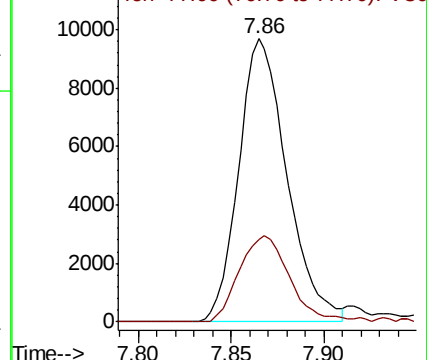
75 100

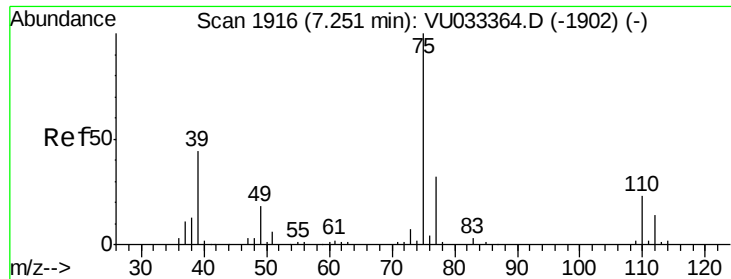
77 29.3 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU033364.D (-2094) (-)

Ion 77.00 (76.70 to 77.70): VU033364.D (-2094) (-)



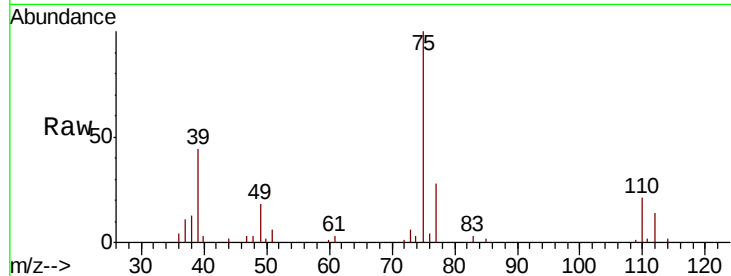


#51

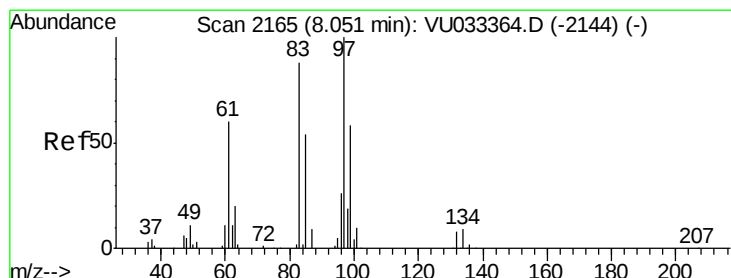
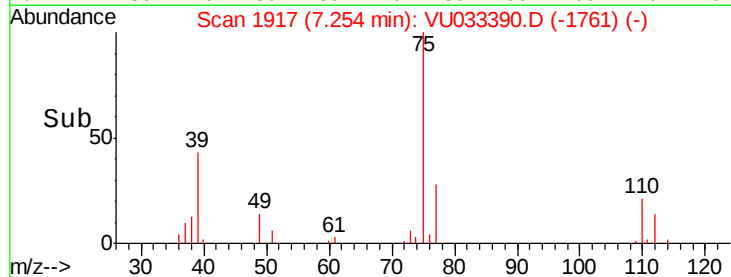
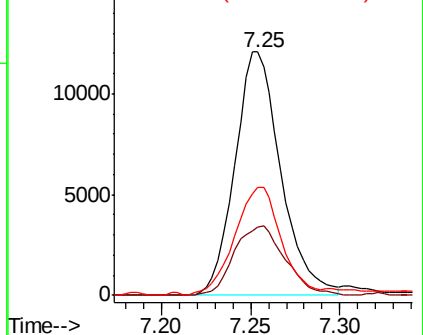
cis-1,3-Dichloropropene
 Concen: 1.925 ug/l
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

Tgt Ion: 75 Resp: 21780
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.8 38.8
 39 44.2 35.2 52.8



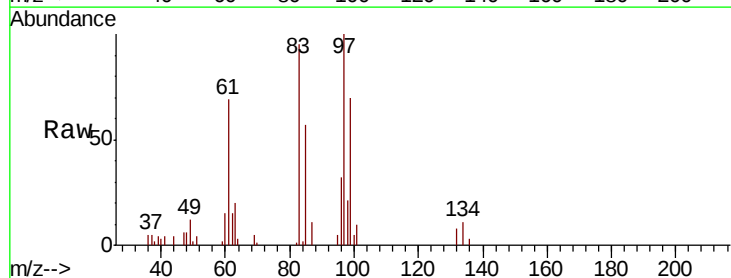
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



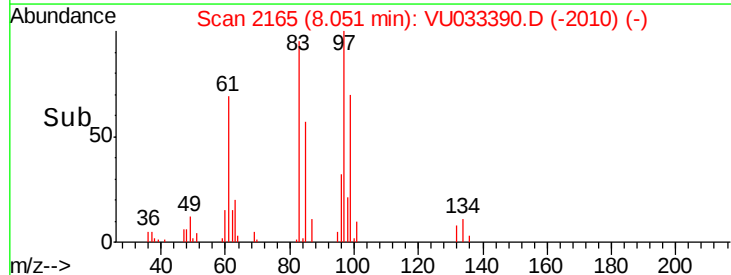
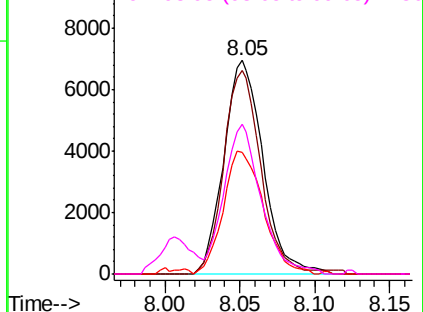
#52

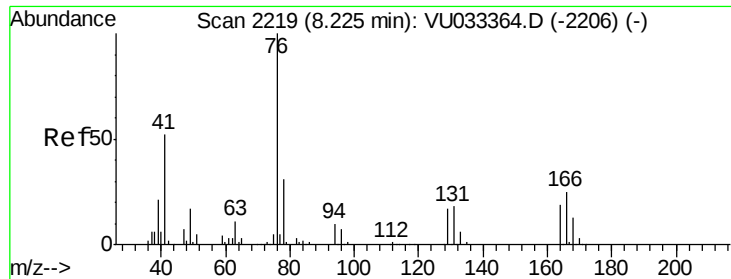
1,1,2-Trichloroethane
 Concen: 1.995 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion: 97 Resp: 12701
 Ion Ratio Lower Upper
 97 100
 83 95.2 70.2 105.2
 85 57.1 43.5 65.3
 99 70.3 47.9 71.9



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

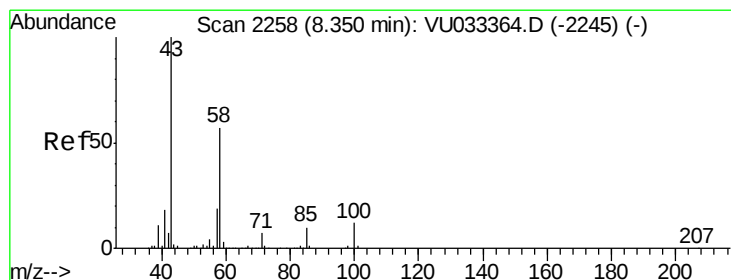
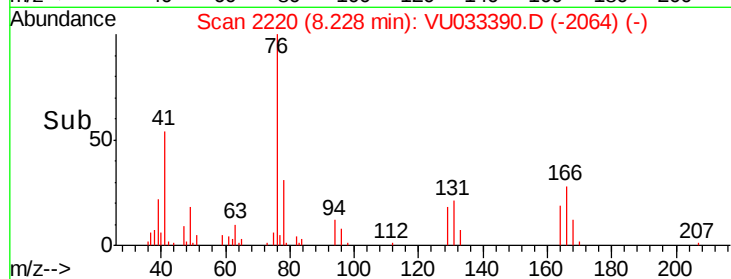
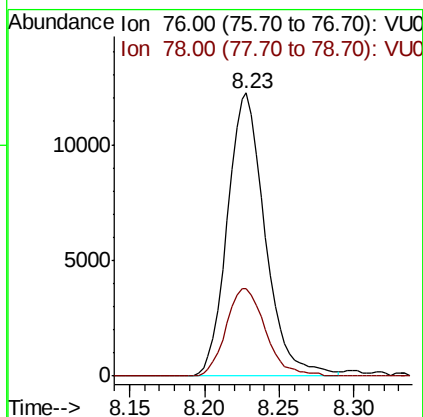
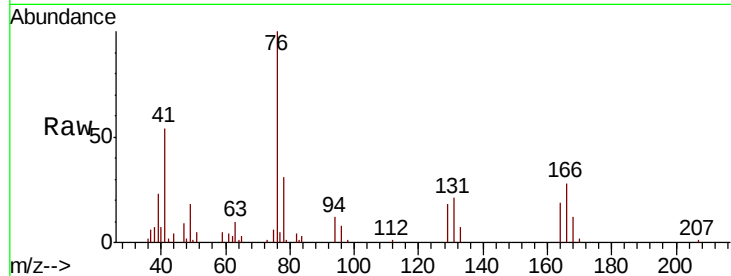




#53
 1,3-Dichloropropane
 Concen: 1.995 ug/l
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

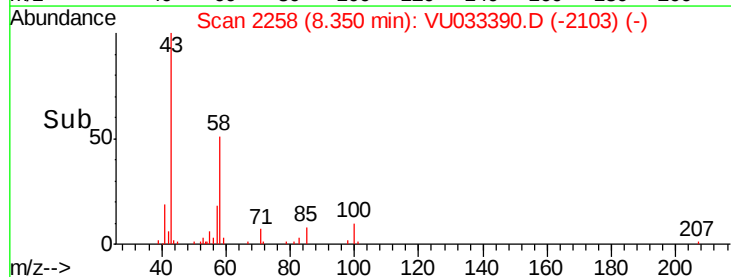
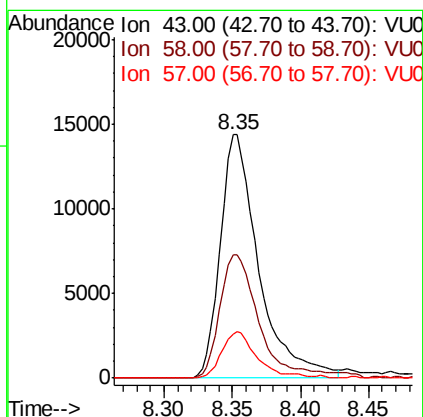
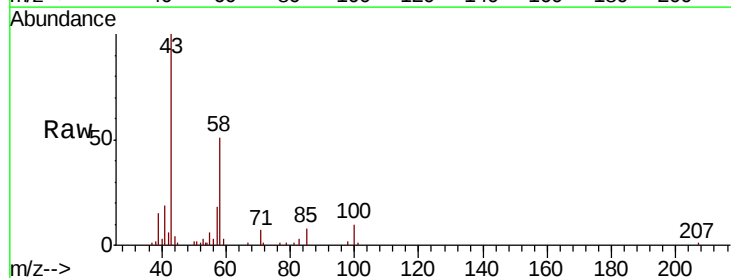
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

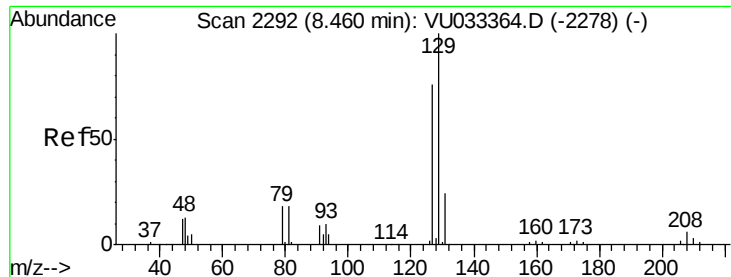
Tgt Ion: 76 Resp: 21461
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#54
 2-Hexanone
 Concen: 8.254 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion: 43 Resp: 28234
 Ion Ratio Lower Upper
 43 100
 58 51.0 36.0 76.0
 57 17.4 0.0 39.4





#55

Dibromochloromethane

Concen: 2.137 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

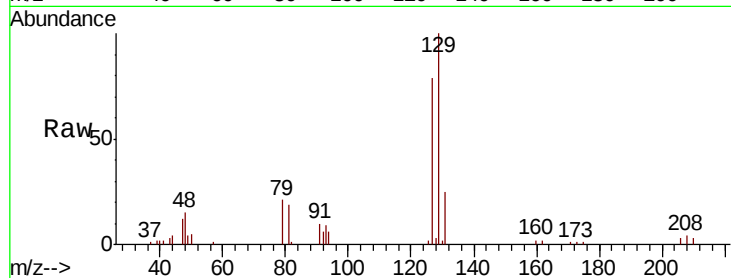
VU0724WBSD01

Tgt Ion:129 Resp: 15893

Ion Ratio Lower Upper

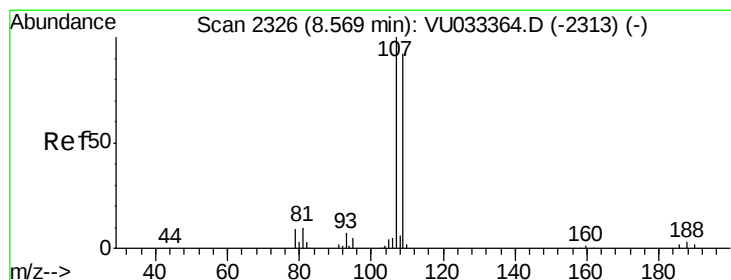
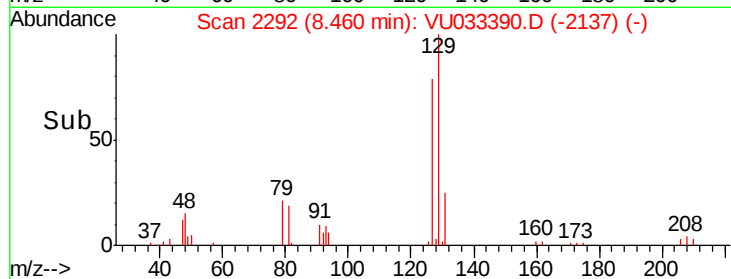
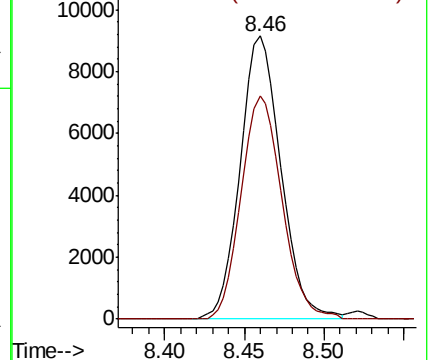
129 100

127 78.8 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.932 ug/l

RT: 8.57 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU033390.D

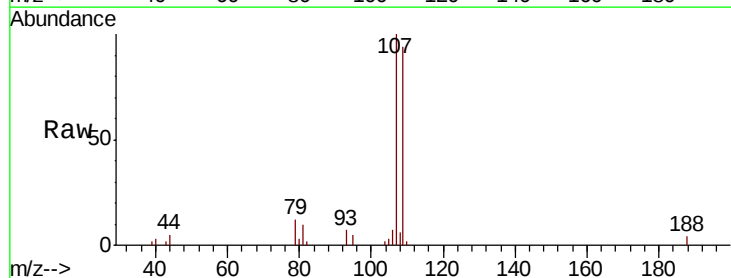
Acq: 24 Jul 2019 13:35

Tgt Ion:107 Resp: 11469

Ion Ratio Lower Upper

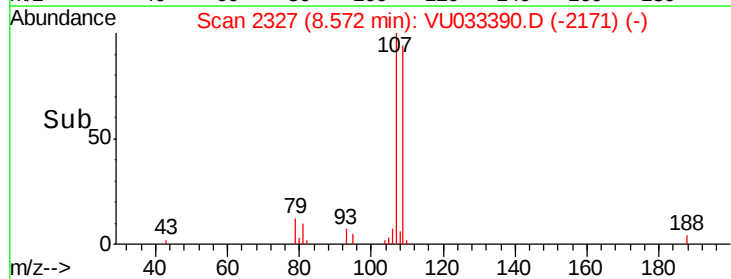
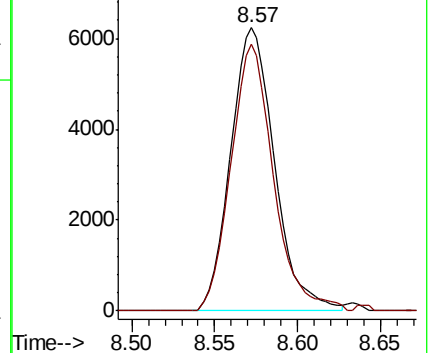
107 100

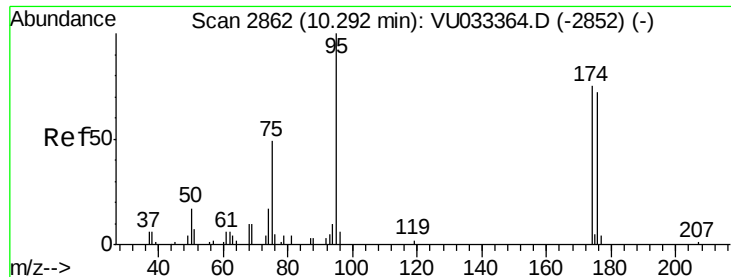
109 91.5 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

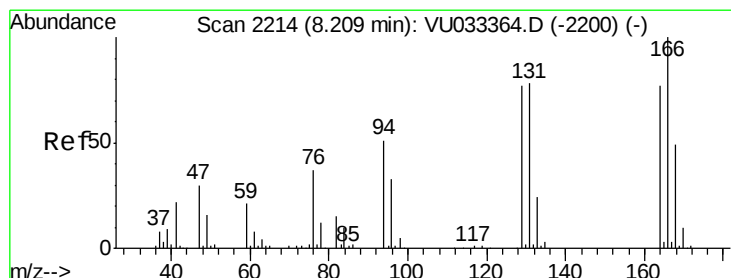
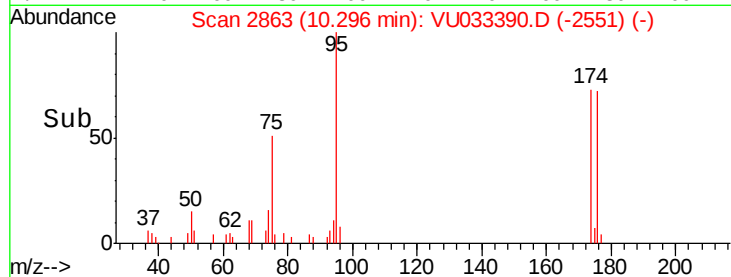
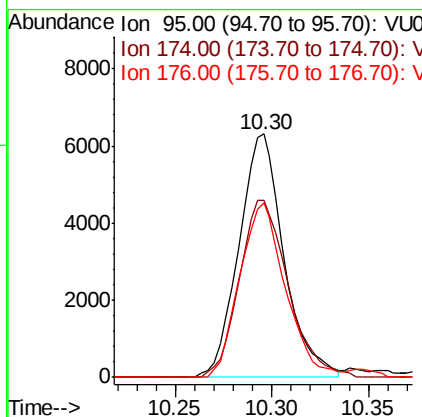
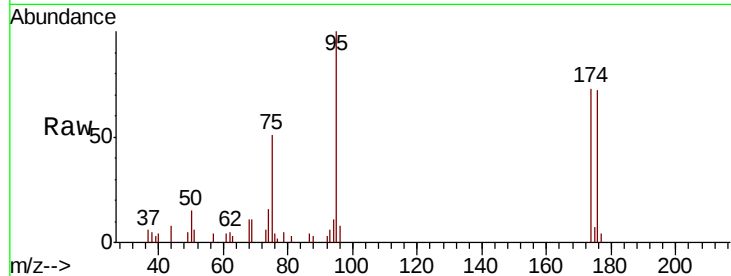




#57
4-Bromofluorobenzene
Concen: 0.996 ug/l
RT: 10.30 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

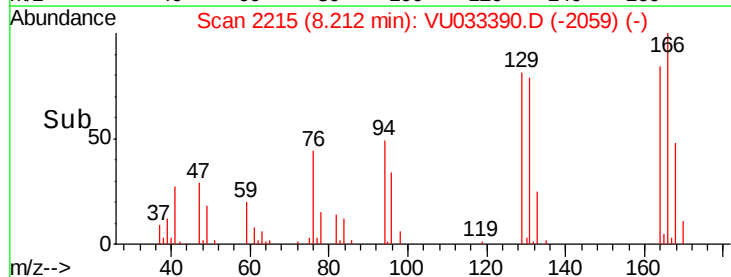
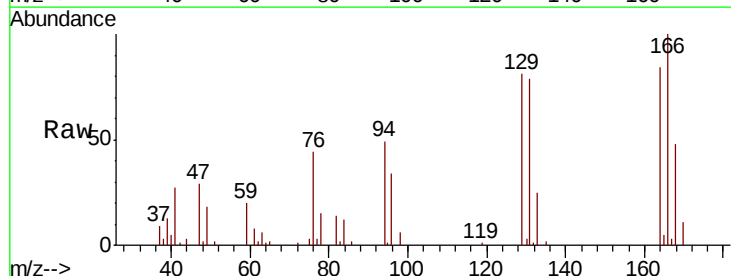
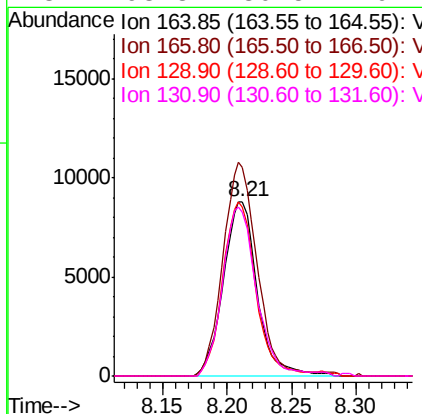
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

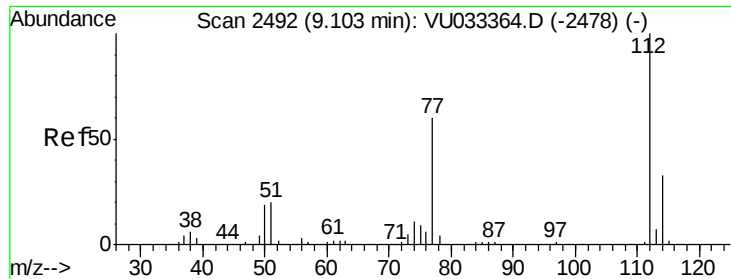
Tgt Ion: 95 Resp: 10207
Ion Ratio Lower Upper
95 100
174 78.7 58.8 88.2
176 72.7 54.4 81.6



#58
Tetrachloroethene
Concen: 2.140 ug/l
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 164 Resp: 15978
Ion Ratio Lower Upper
164 100
166 119.2 103.8 155.6
129 96.5 79.7 119.5
131 93.8 80.5 120.7





#59

Chlorobenzene

Concen: 1.961 ug/l

RT: 9.11 min Scan# 2493

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

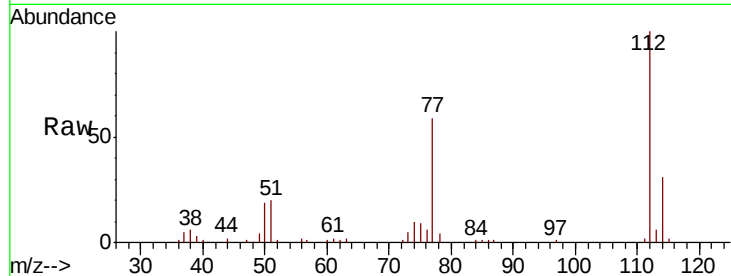
VU0724WBSD01

Tgt Ion:112 Resp: 40173

Ion Ratio Lower Upper

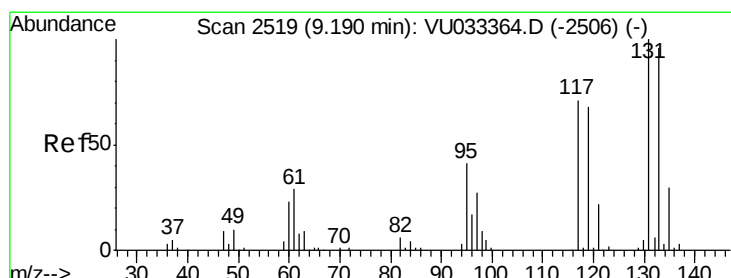
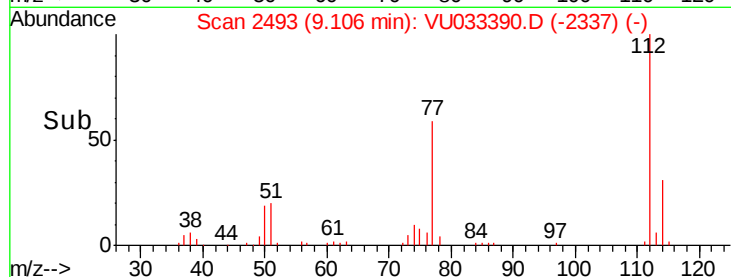
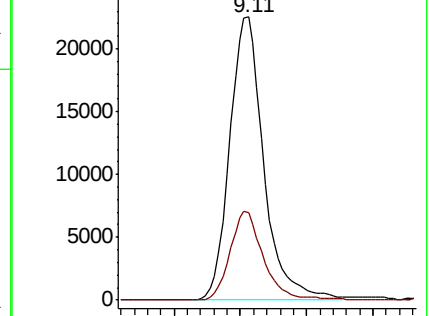
112 100

114 30.7 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.185 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

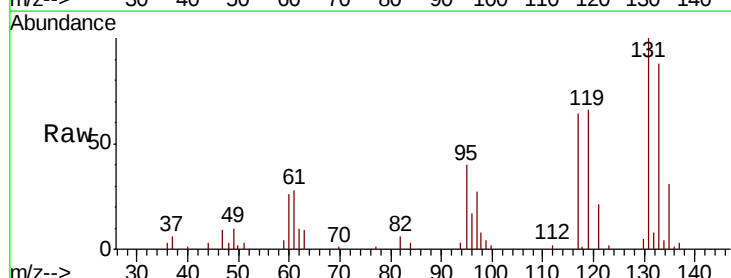
Tgt Ion:131 Resp: 16999

Ion Ratio Lower Upper

131 100

133 91.2 76.2 114.4

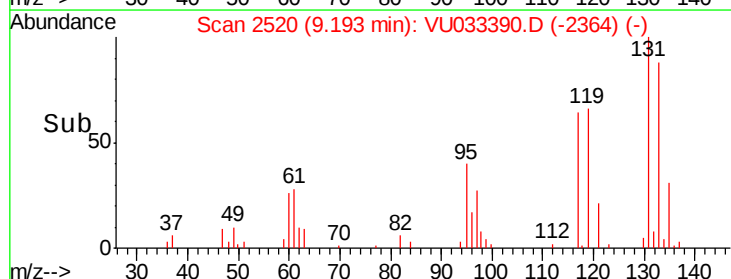
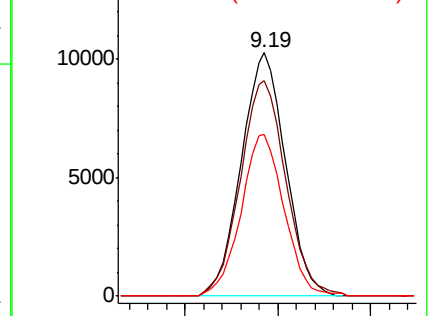
119 64.7 54.9 82.3

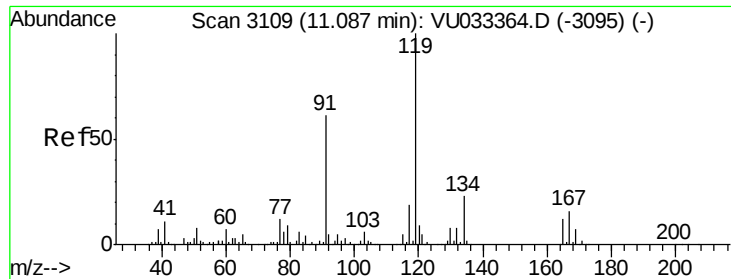


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

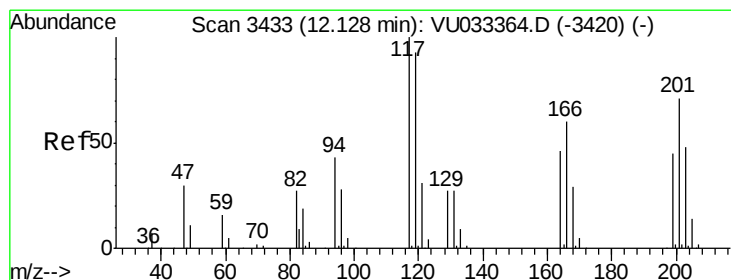
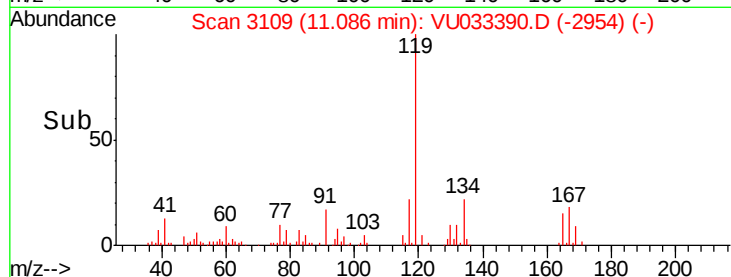
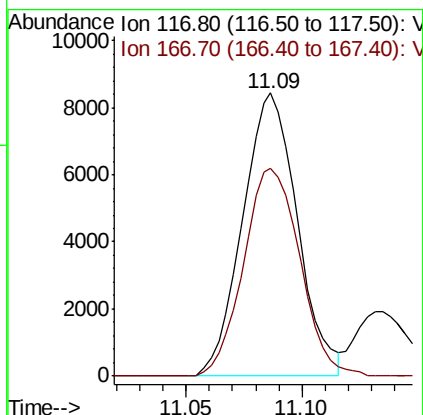
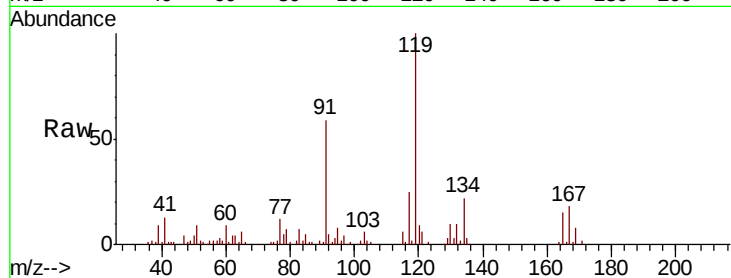




#61
 Pentachloroethane
 Concen: 2.167 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

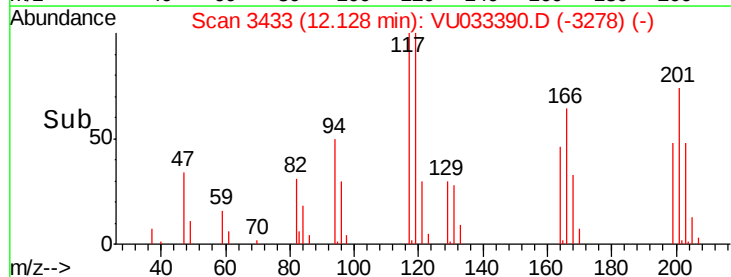
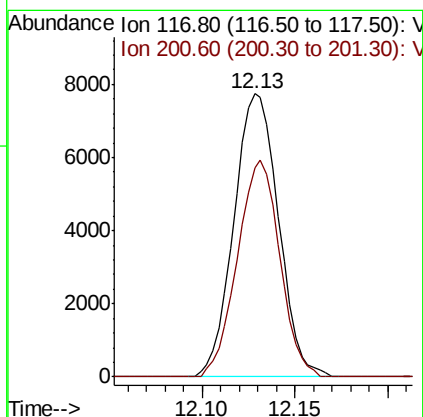
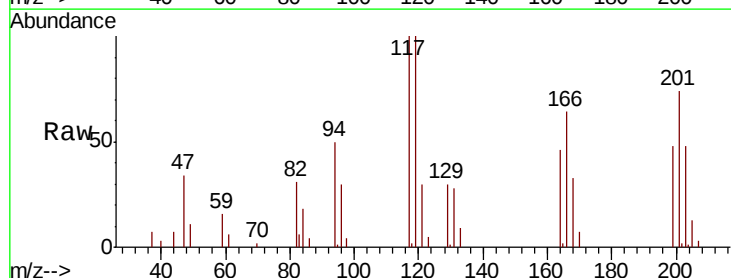
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

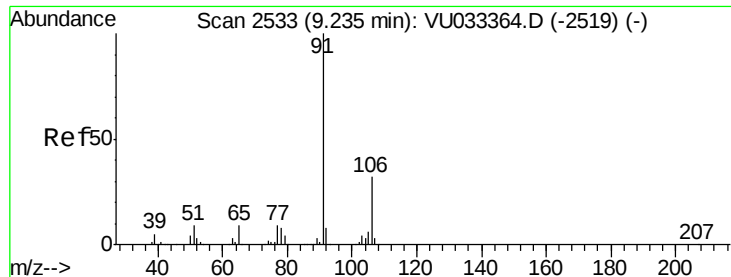
Tgt Ion:117 Resp: 13837
 Ion Ratio Lower Upper
 117 100
 167 75.6 63.4 95.0



#62
 Hexachloroethane
 Concen: 2.097 ug/l
 RT: 12.13 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion:117 Resp: 12957
 Ion Ratio Lower Upper
 117 100
 201 72.8 57.9 86.9

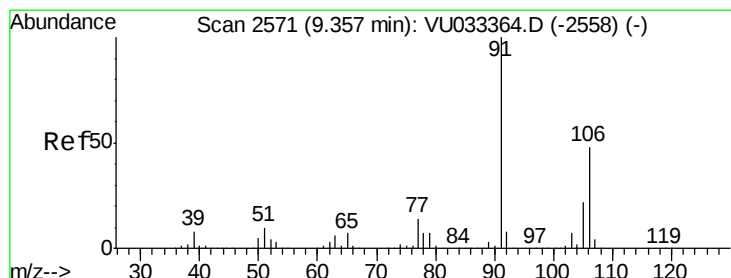
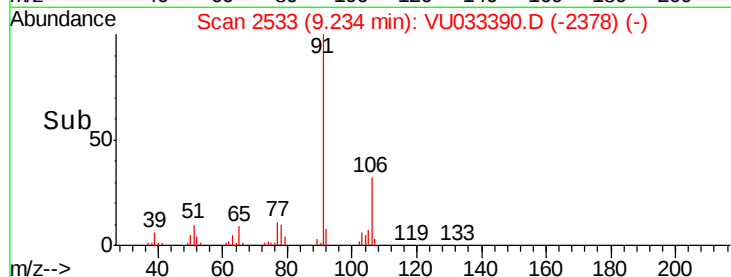
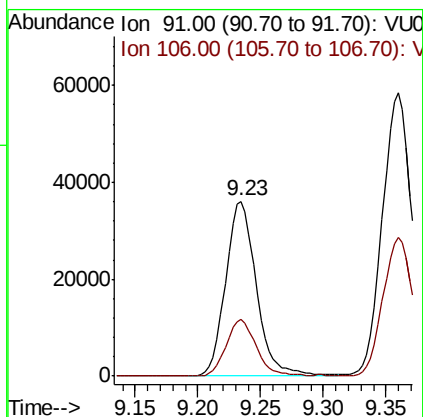
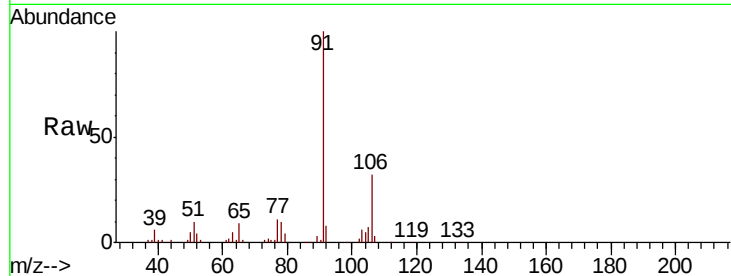




#63
Ethyl Benzene
Concen: 1.884 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

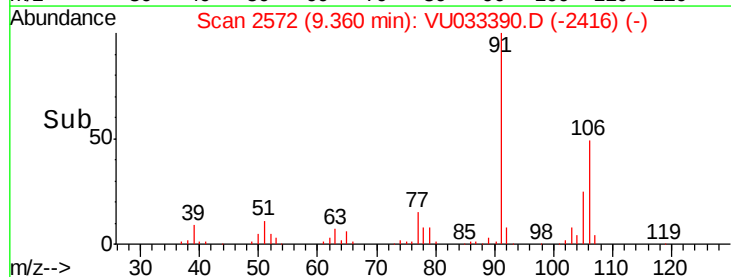
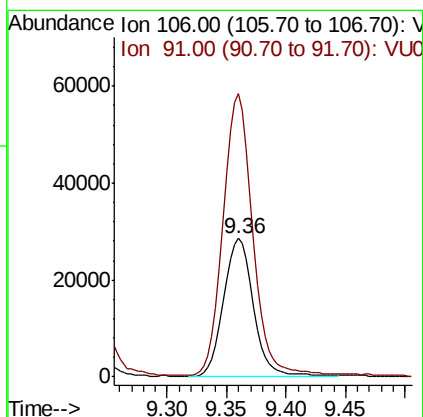
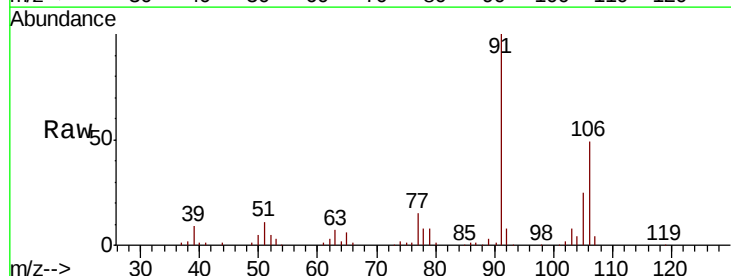
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

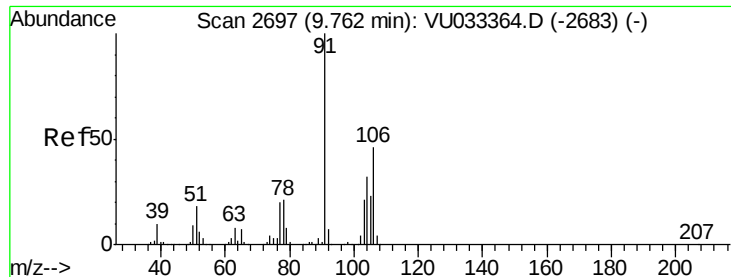
Tgt Ion: 91 Resp: 61958
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2



#64
m/p-Xylenes
Concen: 3.810 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion: 106 Resp: 50102
Ion Ratio Lower Upper
106 100
91 200.3 167.1 250.7

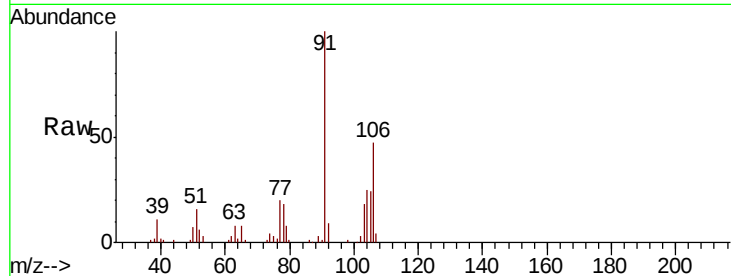




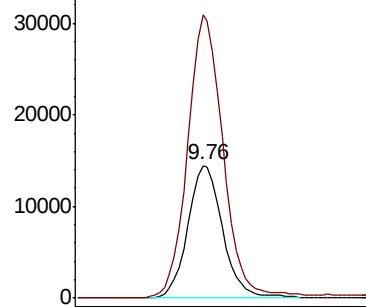
#65
o-Xylene
Concen: 1.859 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

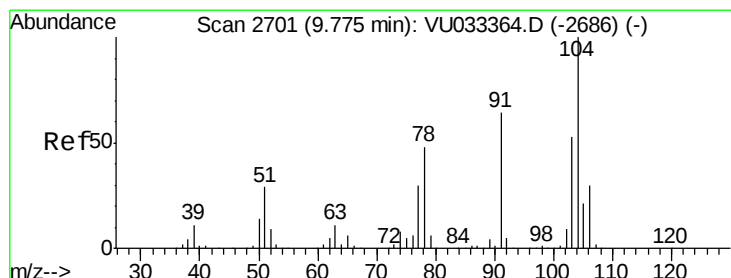
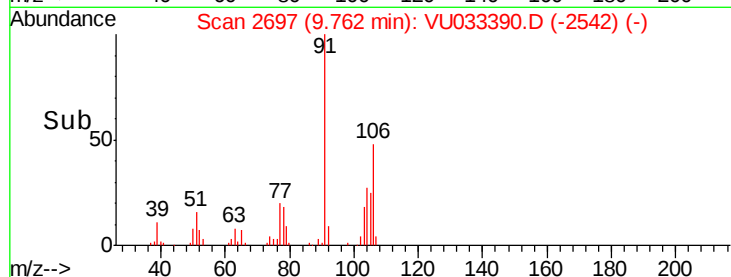
Tgt Ion:106 Resp: 23429
Ion Ratio Lower Upper
106 100
91 218.5 108.5 325.3



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

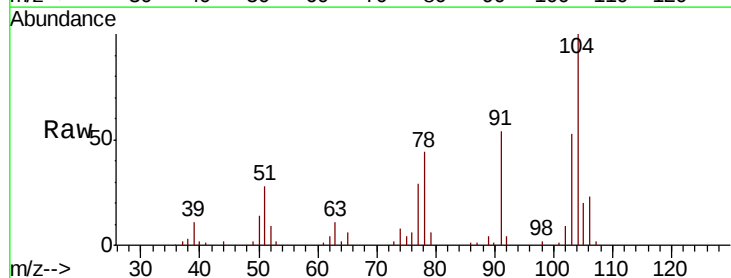


Time-->

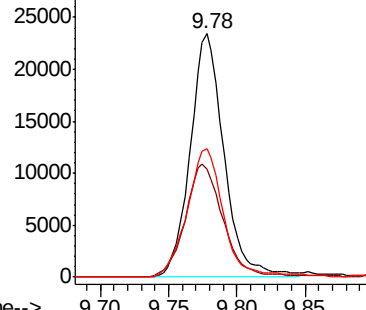


#66
Styrene
Concen: 1.893 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

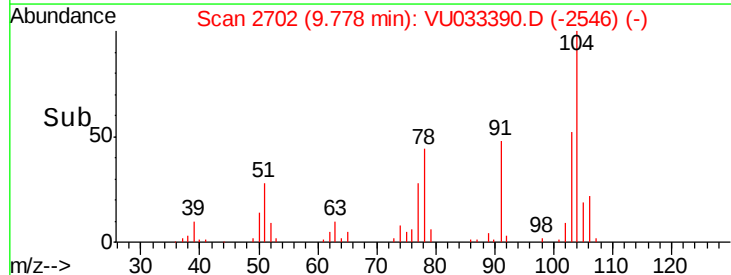
Tgt Ion:104 Resp: 40478
Ion Ratio Lower Upper
104 100
78 51.2 41.2 61.8
103 56.6 44.7 67.1

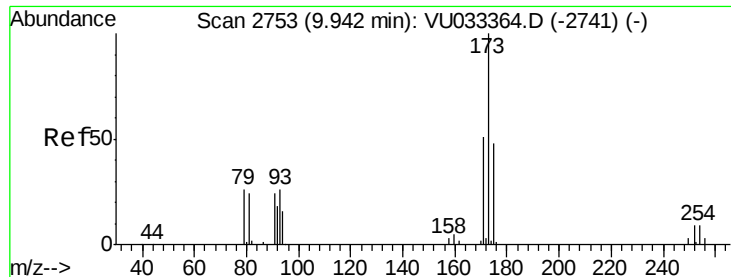


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#67

Bromoform

Concen: 2.163 ug/l

RT: 9.95 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

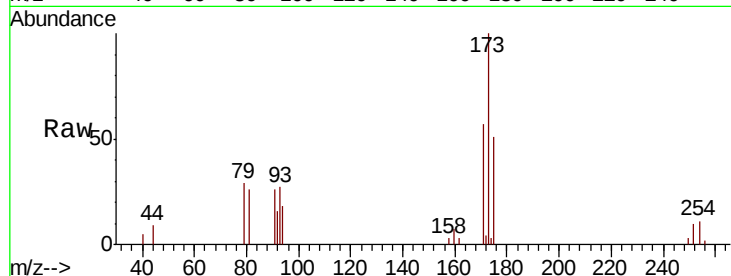
Tgt Ion:173 Resp: 8707

Ion Ratio Lower Upper

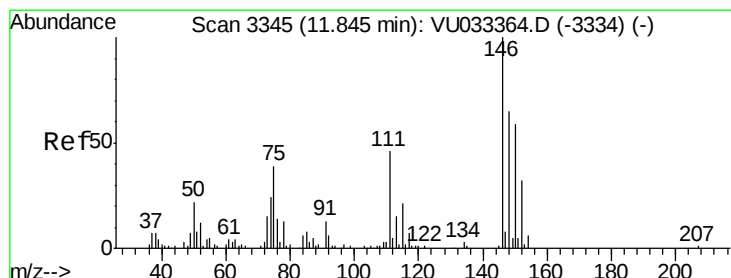
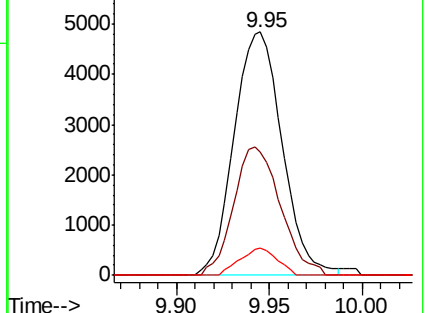
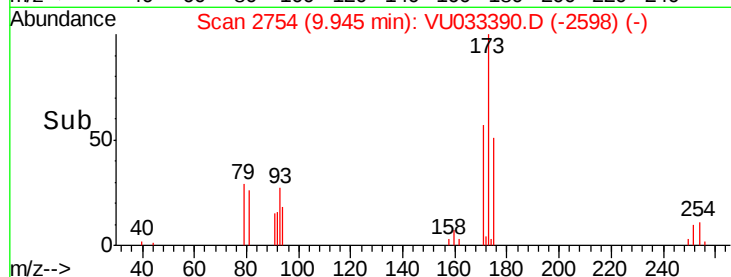
173 100

175 51.5 38.6 58.0

254 8.6 6.8 10.2



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: 1.095 ug/l

RT: 11.85 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

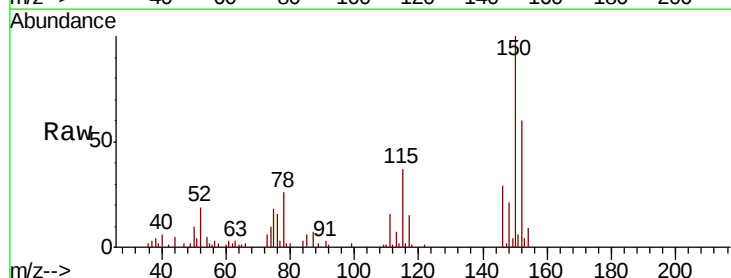
Tgt Ion:152 Resp: 11591

Ion Ratio Lower Upper

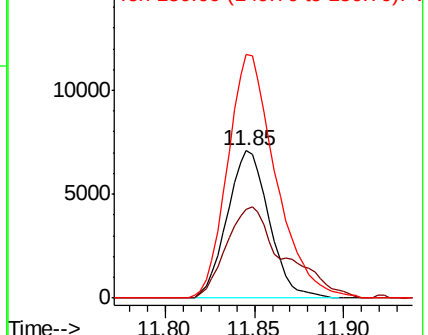
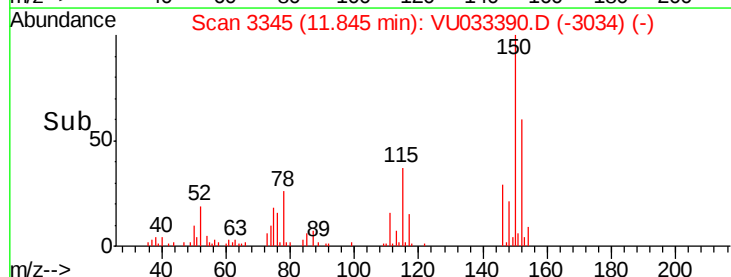
152 100

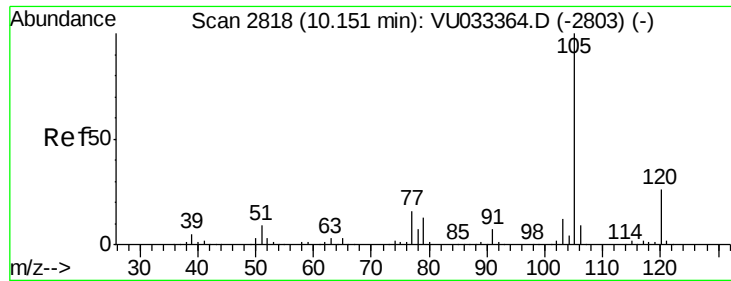
115 85.5 0.0 123.2

150 189.8 0.0 648.4



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: 1.954 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

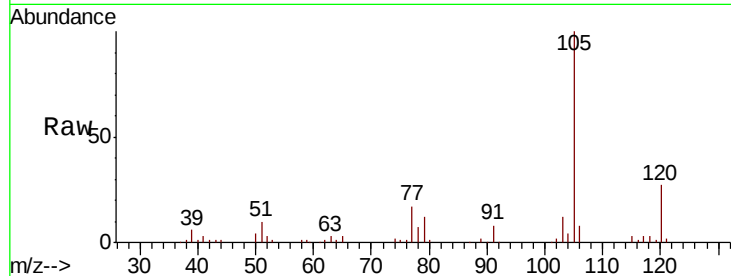
VU0724WBSD01

Tgt Ion: 105 Resp: 63138

Ion Ratio Lower Upper

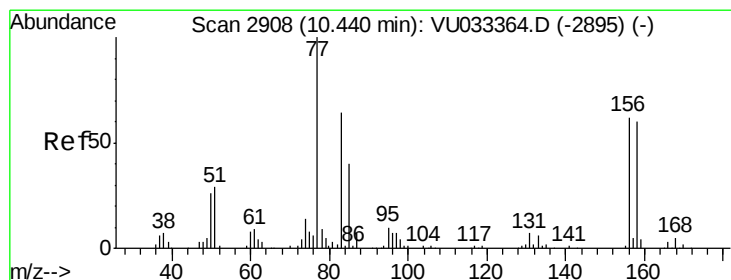
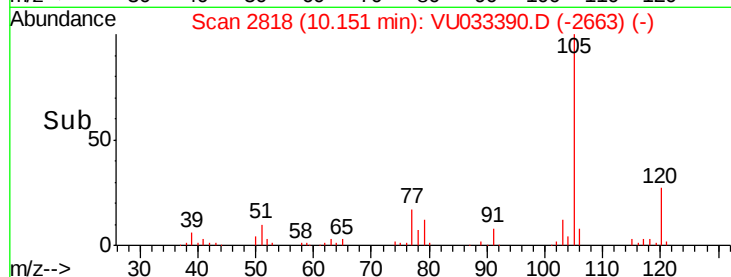
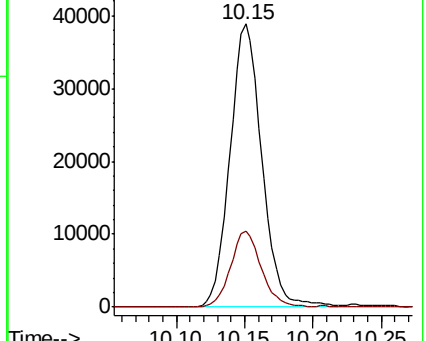
105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.128 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

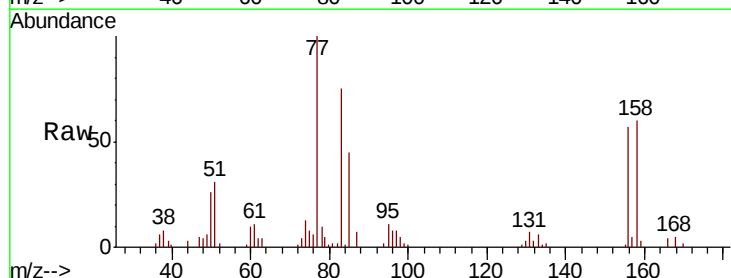
Tgt Ion: 83 Resp: 17958

Ion Ratio Lower Upper

83 100

131 8.7 8.0 12.0

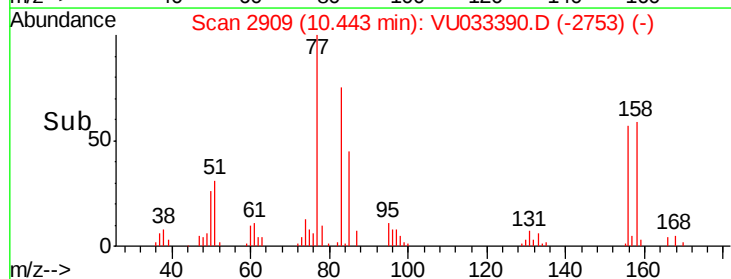
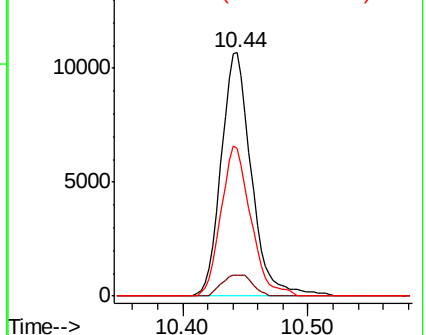
85 60.6 51.8 77.8

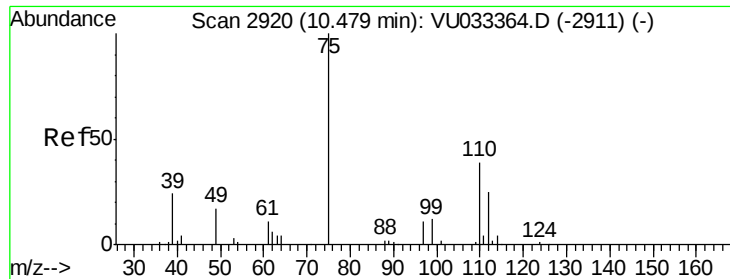


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

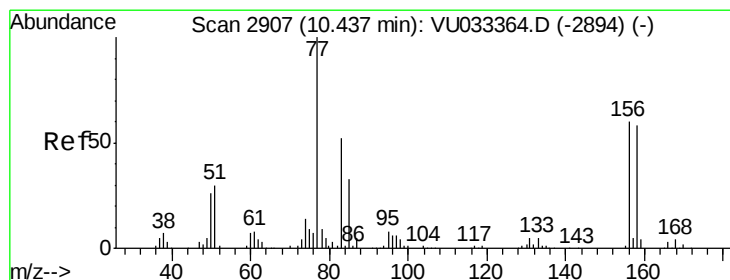
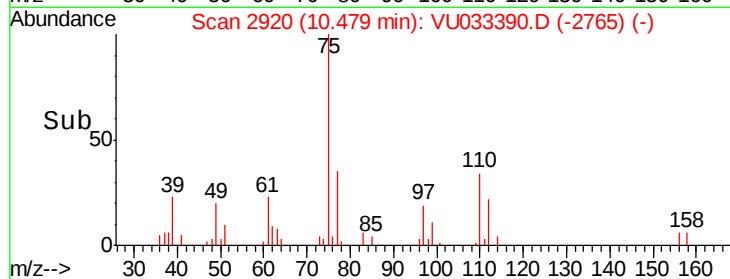
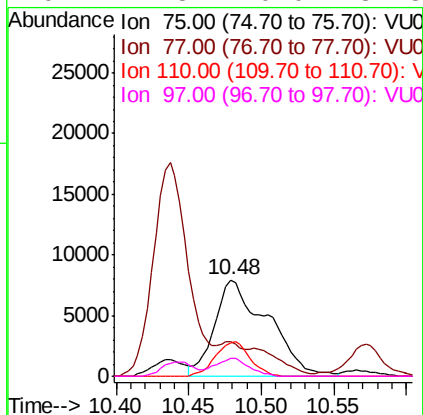
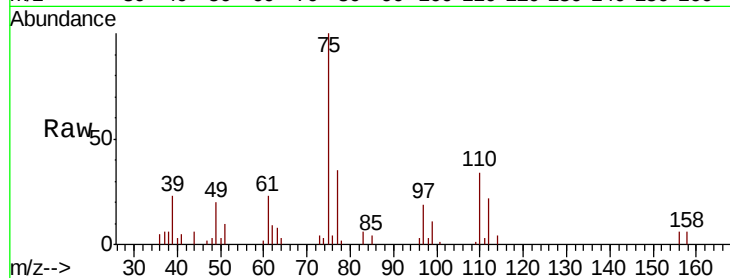




#71
 1,2,3-Trichloropropane
 Concen: 3.085 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

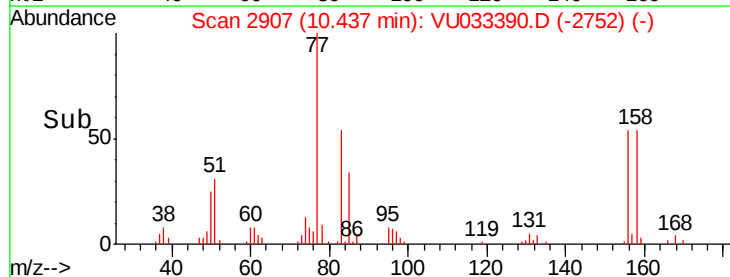
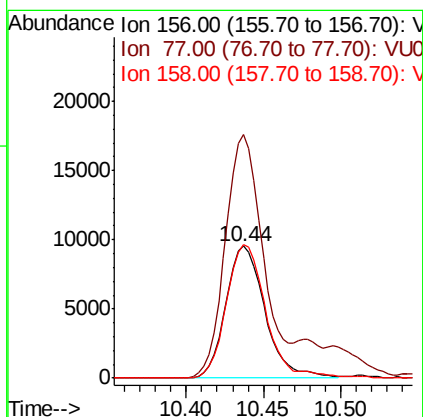
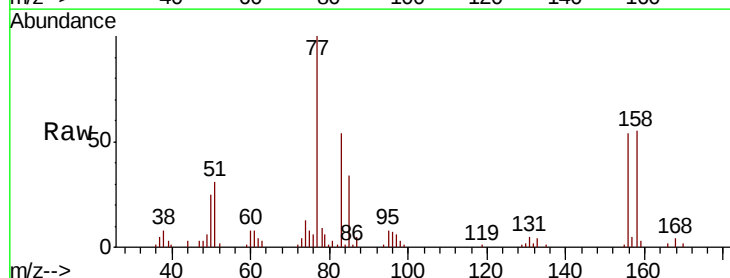
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

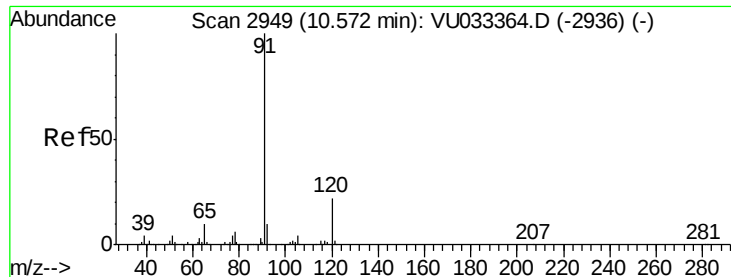
Tgt Ion:	75	Resp:	20102
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	18.2
110	23.2	0.0	71.4
97	11.8	0.0	37.8



#72
 Bromobenzene
 Concen: 1.967 ug/l
 RT: 10.44 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion:	156	Resp:	16792
Ion	Ratio	Lower	Upper
156	100		
77	177.9	0.0	324.4
158	101.2	0.0	192.4





#73

n-propylbenzene

Concen: 1.932 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

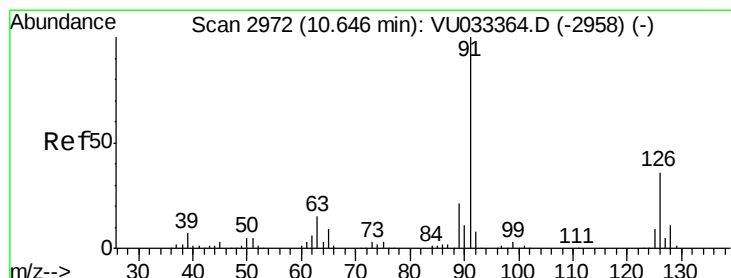
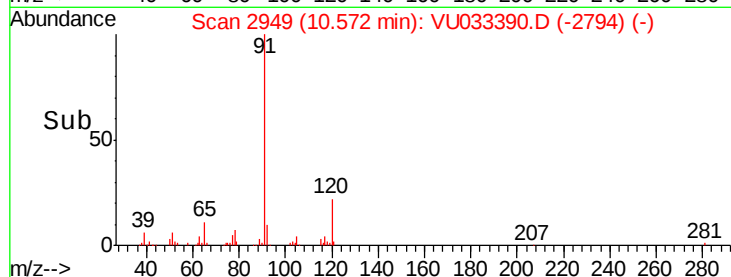
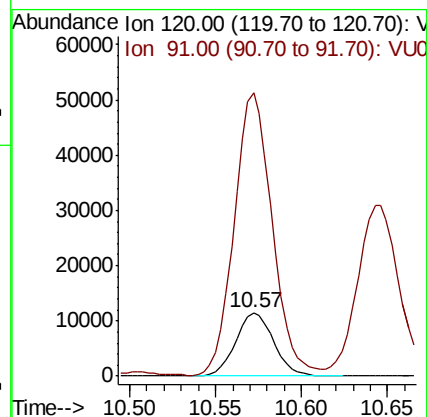
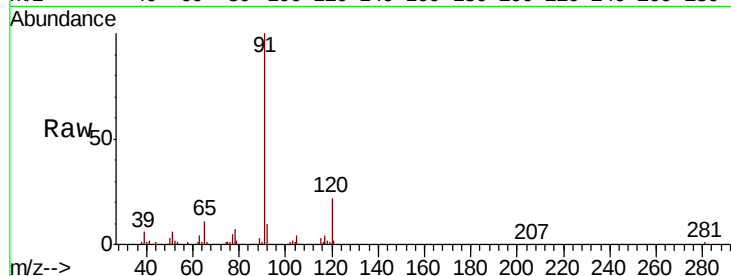
VU0724WBSD01

Tgt Ion:120 Resp: 17798

Ion Ratio Lower Upper

120 100

91 440.6 355.1 532.7



#74

2-Chlorotoluene

Concen: 2.119 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033390.D

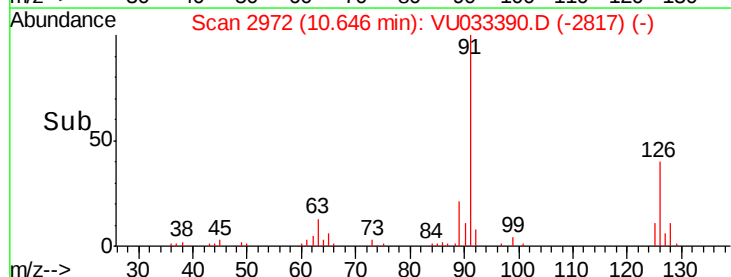
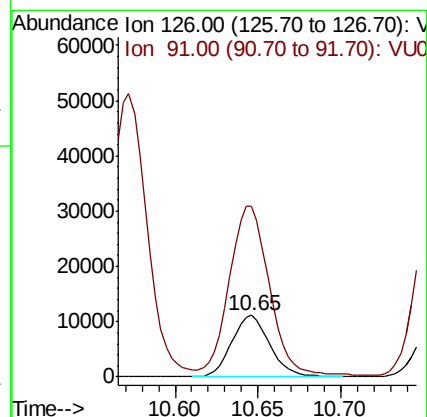
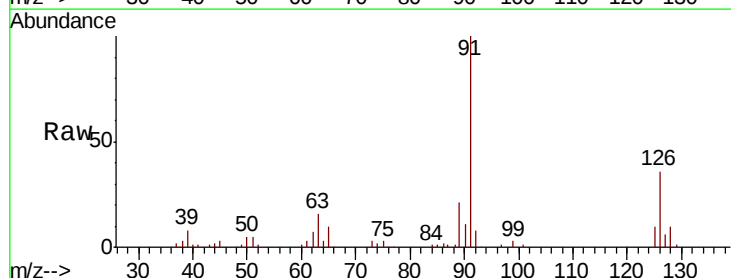
Acq: 24 Jul 2019 13:35

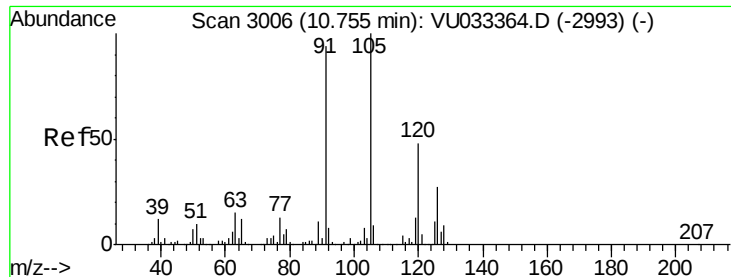
Tgt Ion:126 Resp: 17817

Ion Ratio Lower Upper

126 100

91 289.0 0.0 598.0





#75

1,3,5-Trimethylbenzene

Concen: 1.954 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

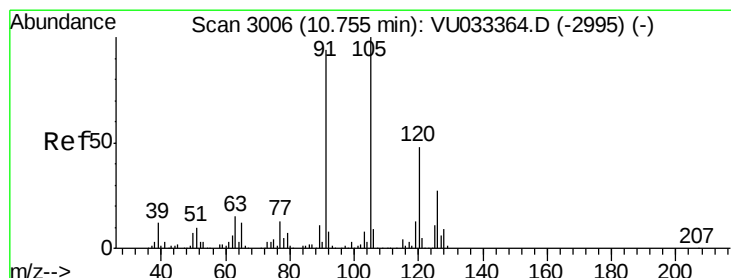
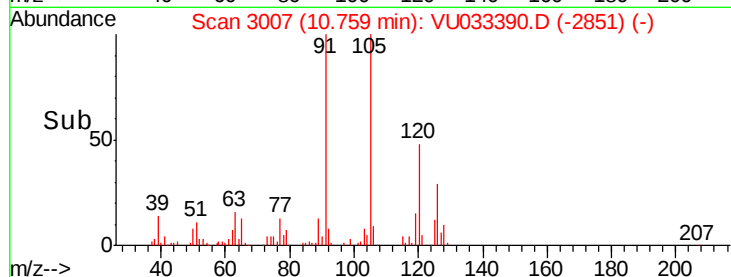
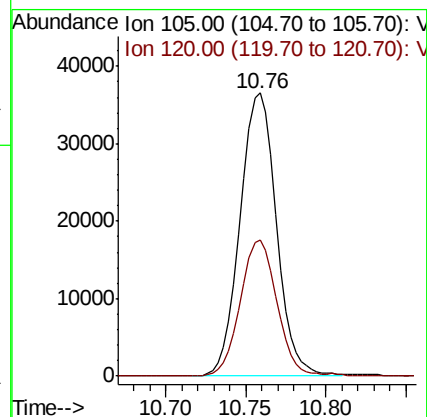
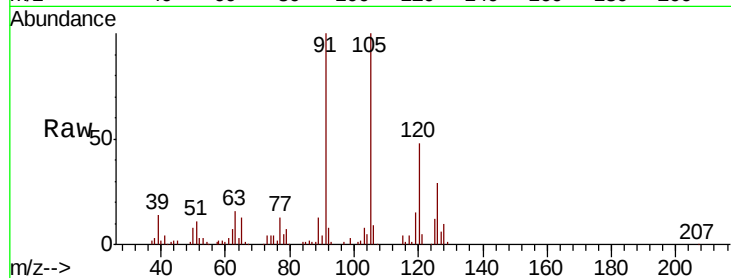
VU0724WBSD01

Tgt Ion:105 Resp: 56678

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4



#76

4-Chlorotoluene

Concen: 2.044 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033390.D

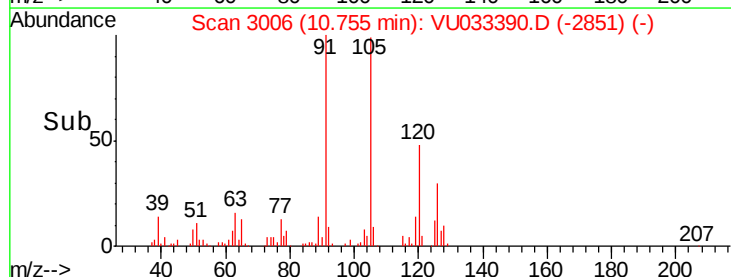
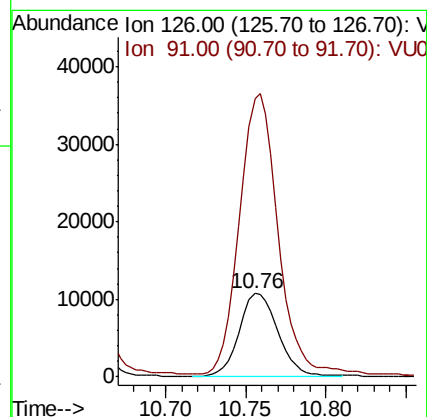
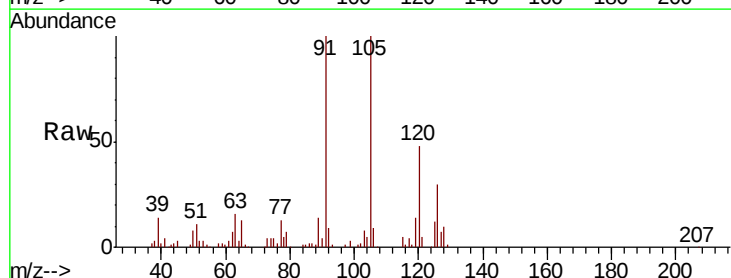
Acq: 24 Jul 2019 13:35

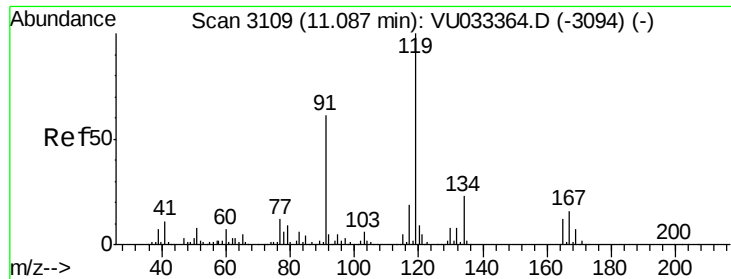
Tgt Ion:126 Resp: 17905

Ion Ratio Lower Upper

126 100

91 331.1 0.0 681.0

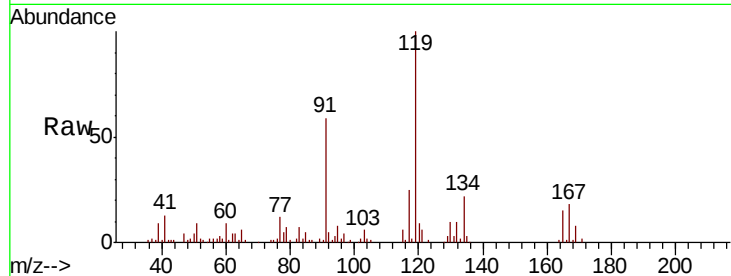




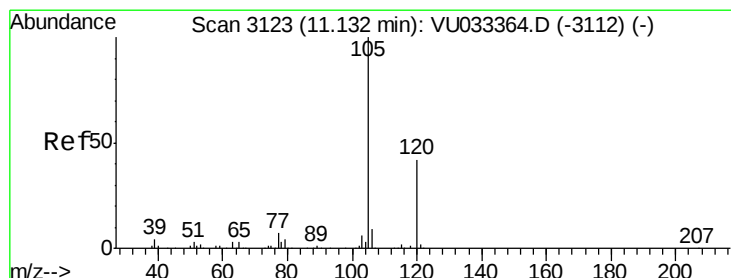
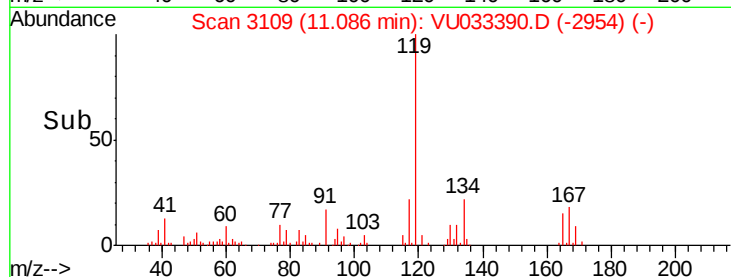
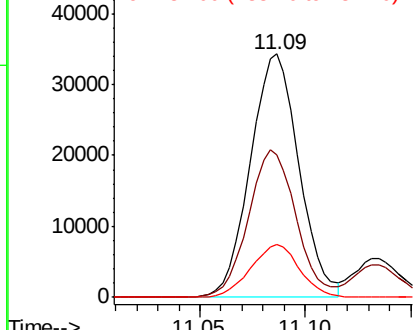
#77
 tert-Butylbenzene
 Concen: 1.999 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

Tgt Ion:119 Resp: 54963
 Ion Ratio Lower Upper
 119 100
 91 59.2 30.4 91.3
 134 22.1 18.5 27.7

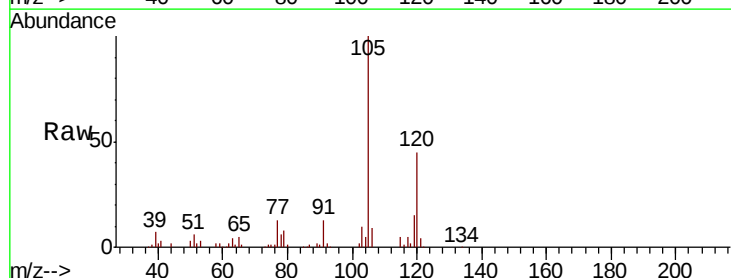


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

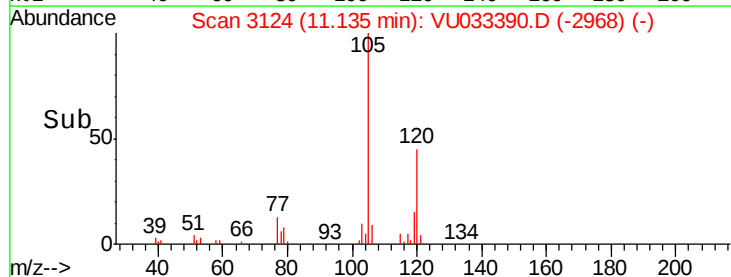
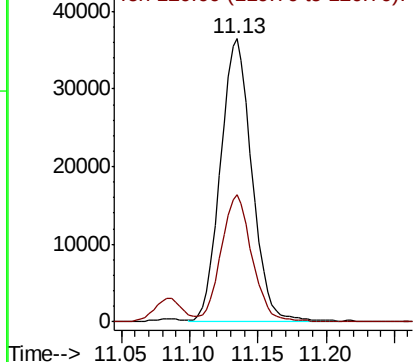


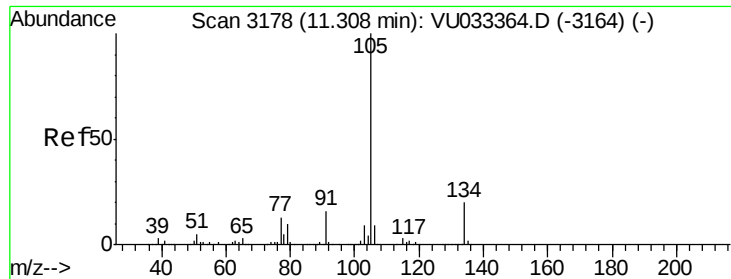
#78
 1,2,4-Trimethylbenzene
 Concen: 1.948 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion:105 Resp: 57778
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

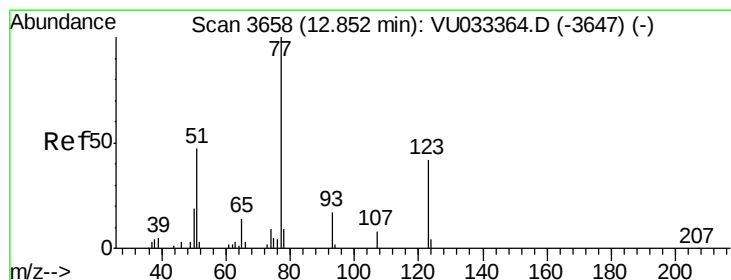
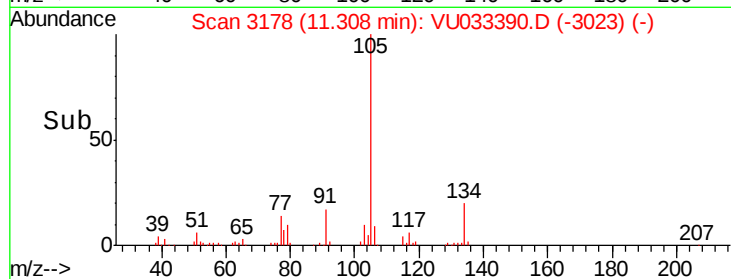
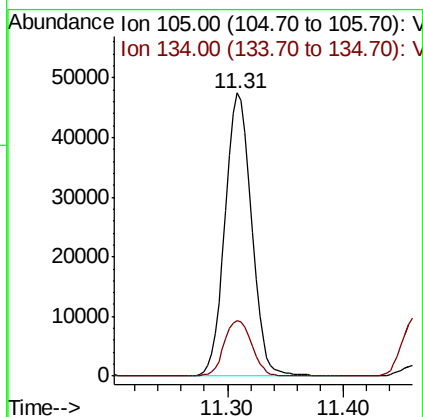
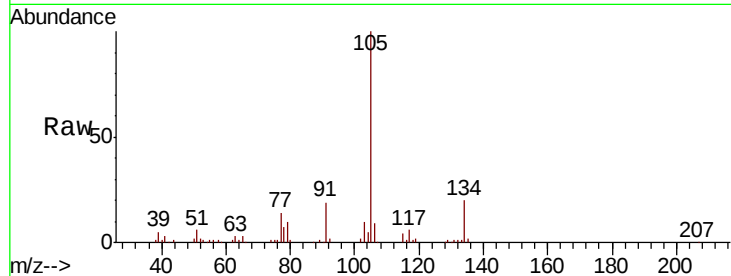




#79
 sec-Butylbenzene
 Concen: 1.980 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

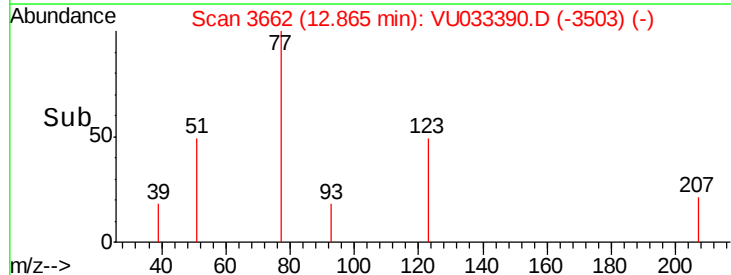
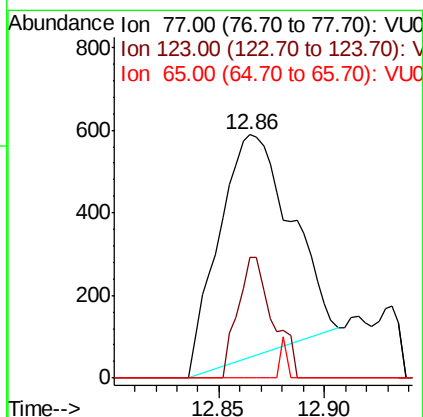
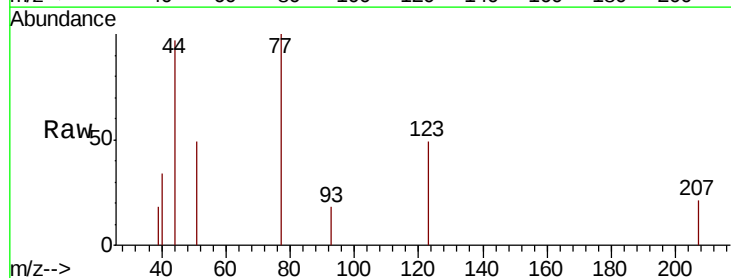
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

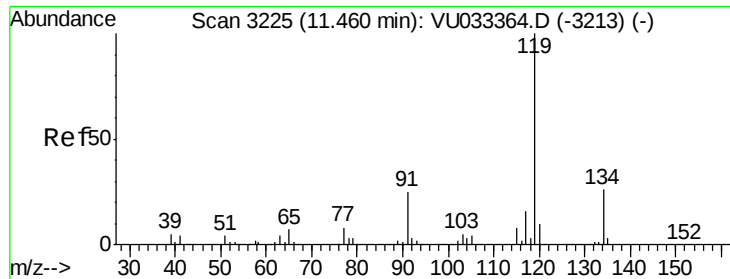
Tgt Ion: 105 Resp: 74922
 Ion Ratio Lower Upper
 105 100
 134 20.5 15.5 23.3



#80
 Nitrobenzene
 Concen: 3.646 ug/l
 RT: 12.86 min Scan# 3662
 Delta R.T. 0.01 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion: 77 Resp: 1279
 Ion Ratio Lower Upper
 77 100
 123 26.3 19.3 68.3
 65 1.5 10.1 12.9#

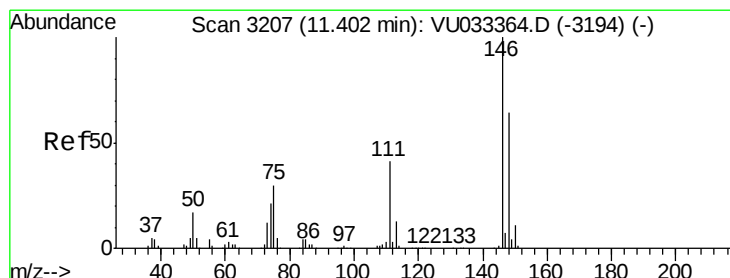
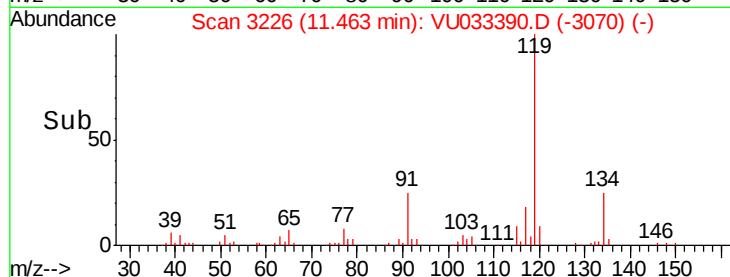
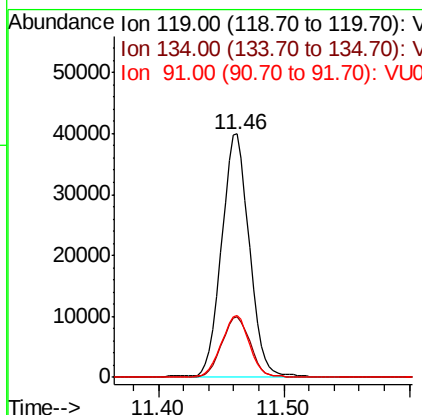
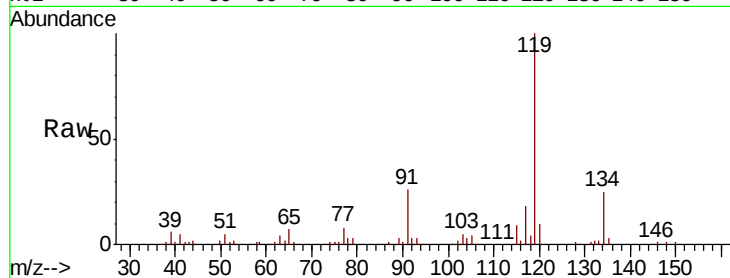




#81
p-Isopropyltoluene
Concen: 1.993 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

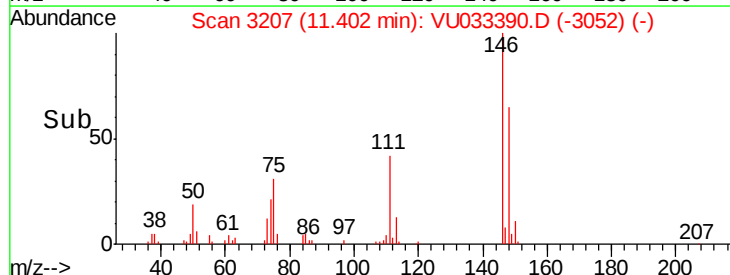
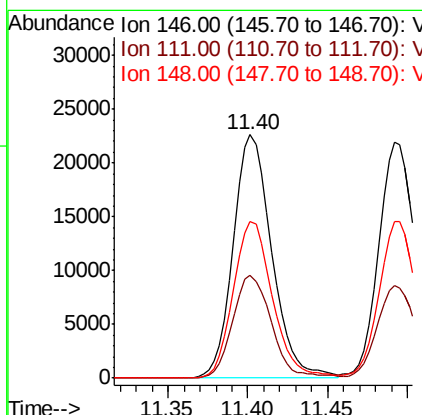
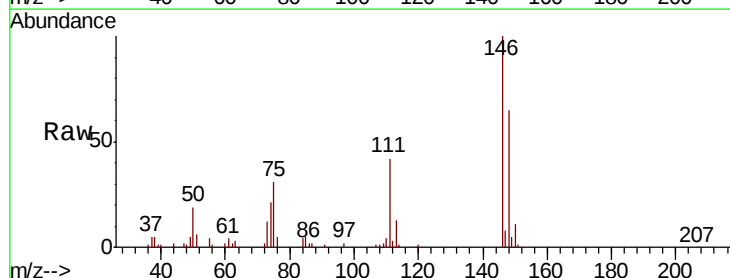
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBSD01

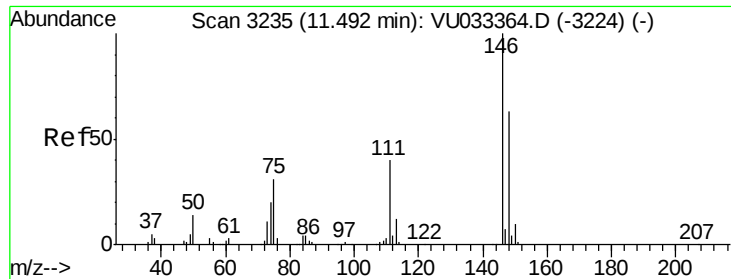
Tgt Ion:119 Resp: 61335
Ion Ratio Lower Upper
119 100
134 25.4 21.0 31.4
91 25.9 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 2.045 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033390.D
Acq: 24 Jul 2019 13:35

Tgt Ion:146 Resp: 37108
Ion Ratio Lower Upper
146 100
111 42.4 33.3 49.9
148 65.5 50.8 76.2

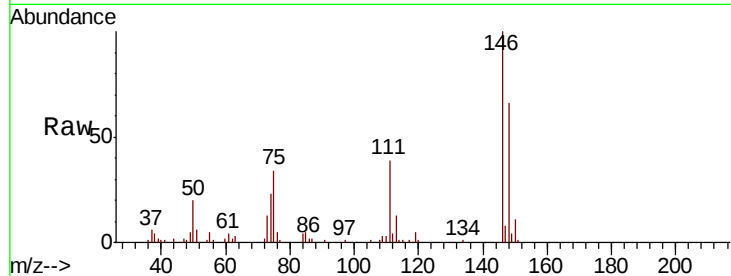




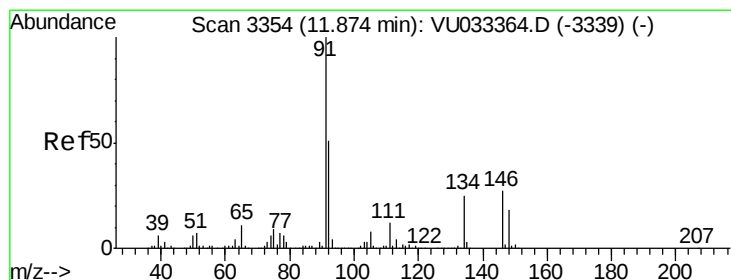
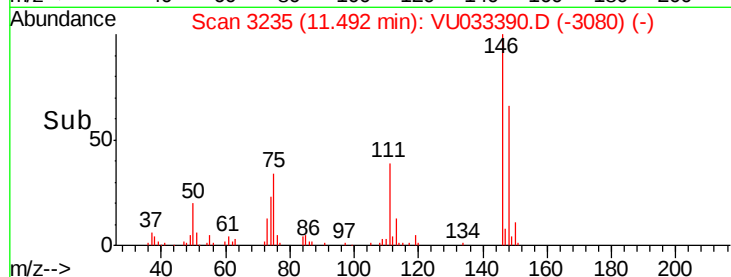
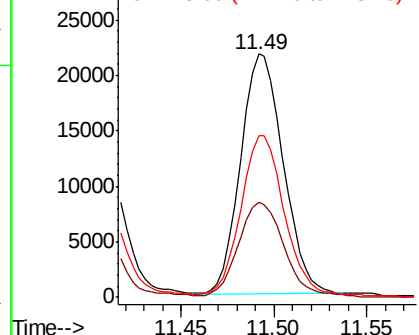
#83
 1,4-Dichlorobenzene
 Concen: 1.941 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

Tgt Ion: 146 Resp: 34834
 Ion Ratio Lower Upper
 146 100
 111 42.4 32.2 48.4
 148 70.3 51.0 76.4

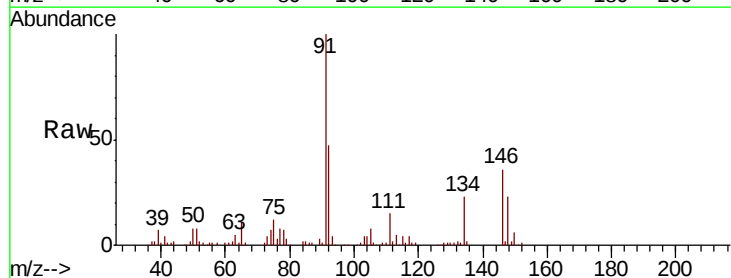


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

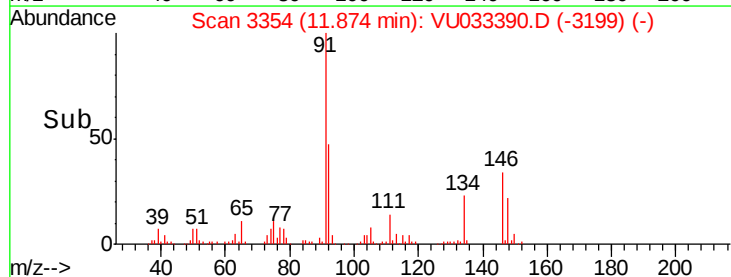
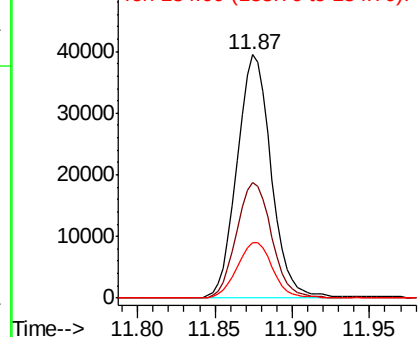


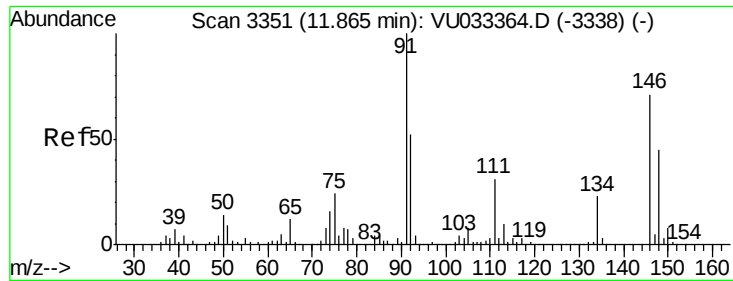
#84
 n-Butylbenzene
 Concen: 1.923 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion: 91 Resp: 60541
 Ion Ratio Lower Upper
 91 100
 92 49.0 41.0 61.6
 134 23.8 19.5 29.3



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

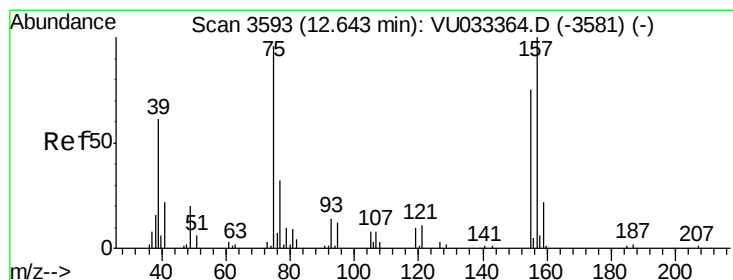
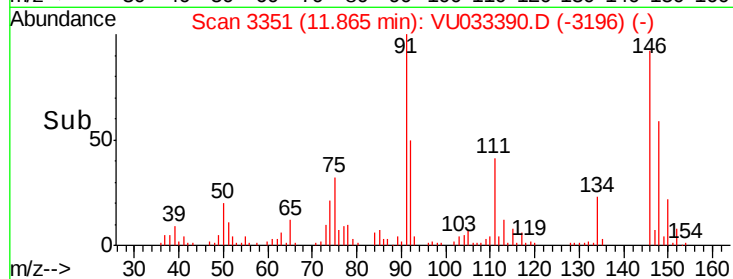
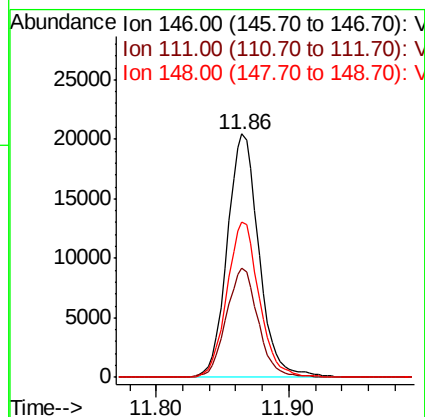
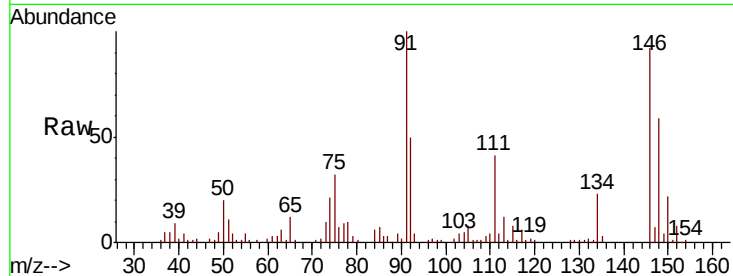




#85
 1,2-Dichlorobenzene
 Concen: 1.991 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

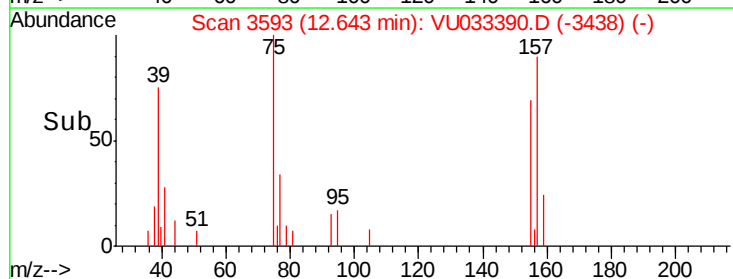
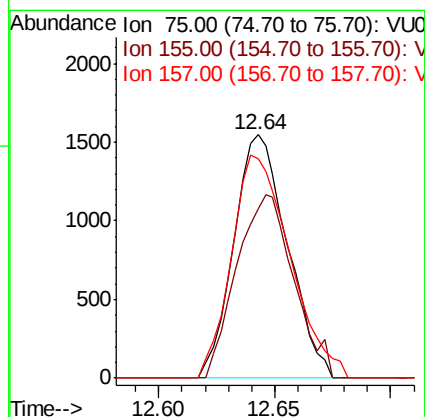
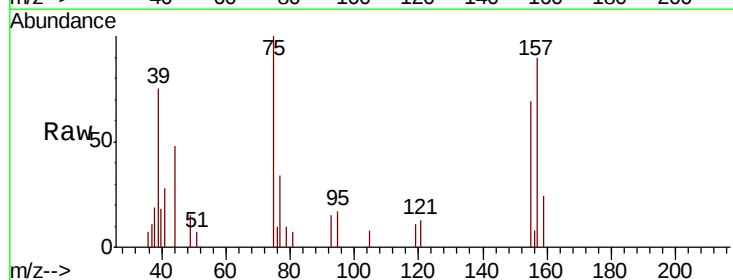
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

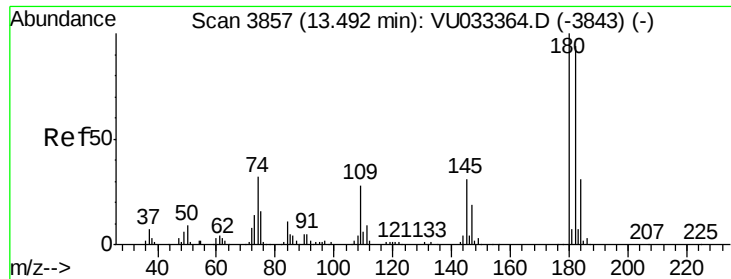
Tgt Ion:146 Resp: 33873
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.7 65.1
 148 65.2 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.868 ug/l
 RT: 12.64 min Scan# 3593
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion: 75 Resp: 2480
 Ion Ratio Lower Upper
 75 100
 155 80.3 63.3 94.9
 157 100.1 82.5 123.7

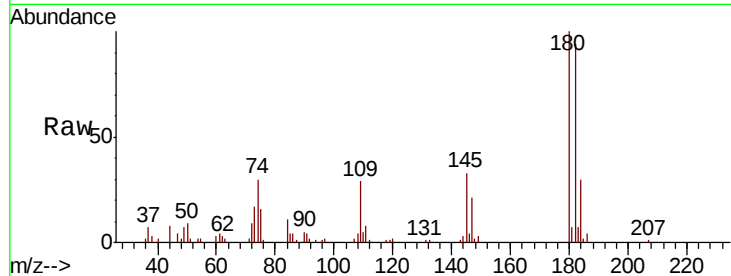




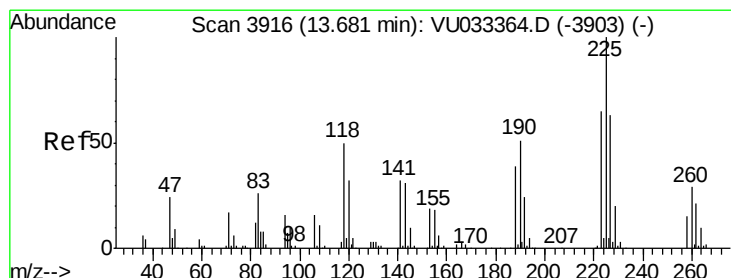
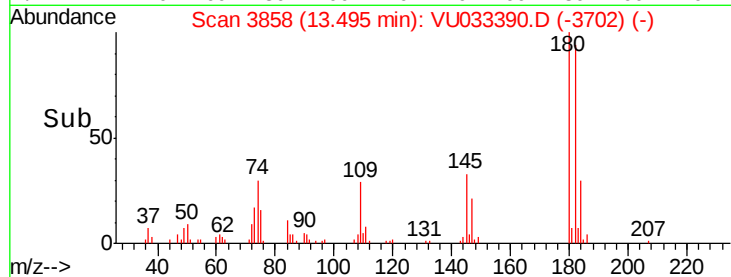
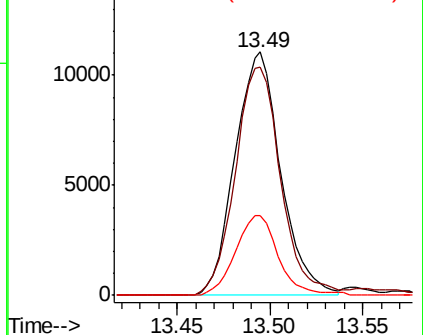
#87
 1,2,4-Trichlorobenzene
 Concen: 1.865 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBSD01

Tgt Ion:180 Resp: 18877
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.2 114.4
 145 30.8 25.0 37.4

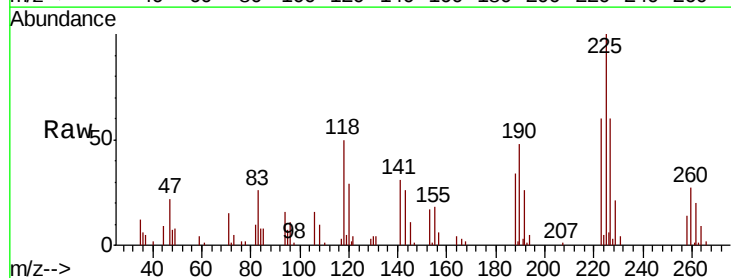


Abundance Ion 179.70 (179.40 to 180.40): V
 15000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

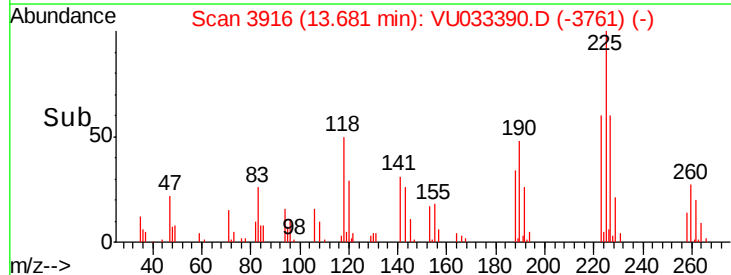
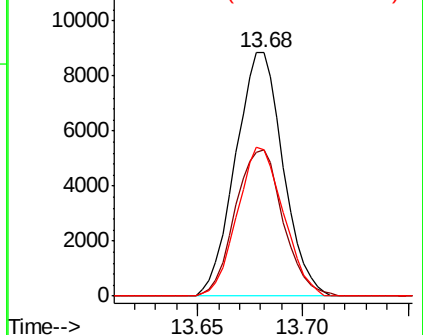


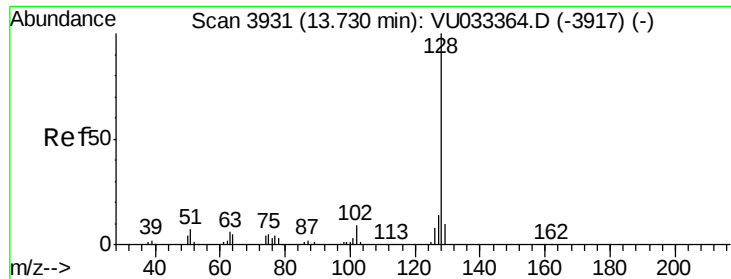
#88
 Hexachlorobutadiene
 Concen: 2.225 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: VU033390.D
 Acq: 24 Jul 2019 13:35

Tgt Ion:225 Resp: 13890
 Ion Ratio Lower Upper
 225 100
 223 60.1 52.2 78.4
 227 59.2 51.7 77.5



Abundance Ion 224.60 (224.30 to 225.30): V
 12000 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.814 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBSD01

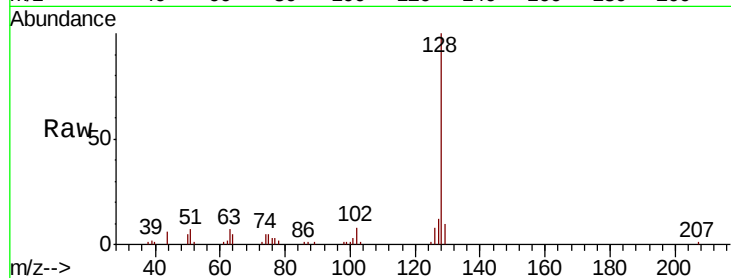
Tgt Ion:128 Resp: 28427

Ion Ratio Lower Upper

128 100

127 11.3 10.8 16.2

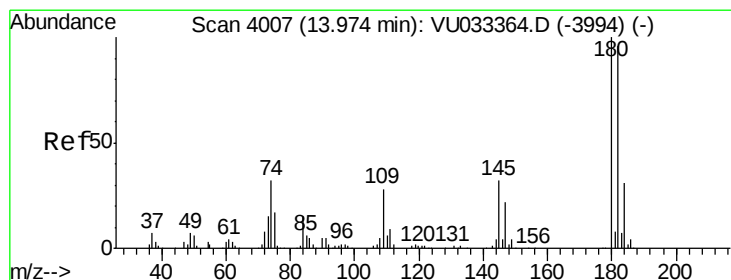
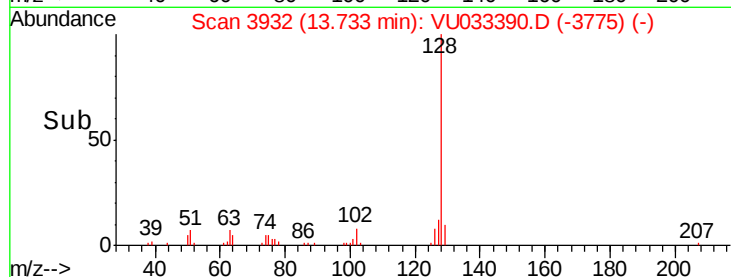
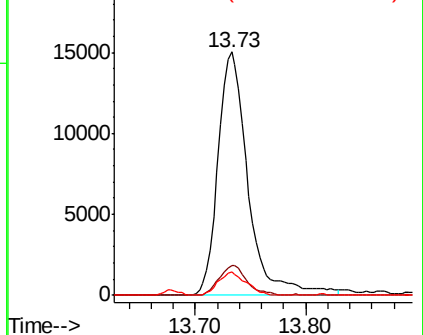
129 8.8 8.5 12.7



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: 1.858 ug/l

RT: 13.98 min Scan# 4008

Delta R.T. 0.00 min

Lab File: VU033390.D

Acq: 24 Jul 2019 13:35

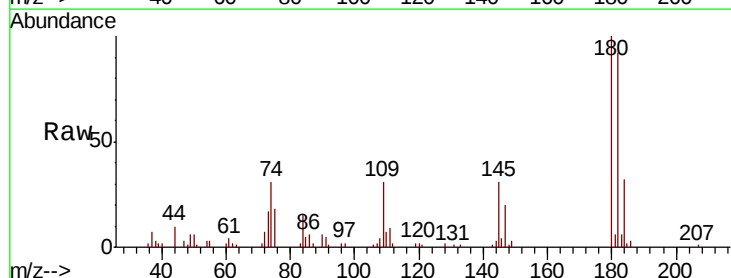
Tgt Ion:180 Resp: 18248

Ion Ratio Lower Upper

180 100

182 89.1 77.9 116.9

145 30.7 25.8 38.8



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

