

Data File : VU033374.D
Acq On : 23 Jul 2019 11:54
Operator : JC/SP
Sample : VN0723WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

Quant Time: Jul 24 02:26:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	29136	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	11264	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	11265	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	25620	2.126 ug/l	100
3) Chloromethane	1.33	50	26701	2.008 ug/l	100
4) Vinyl Chloride	1.40	62	30359	2.046 ug/l	98
5) Bromomethane	1.62	94	20055	2.147 ug/l	98
6) Chloroethane	1.69	64	18752	1.799 ug/l	95
7) Trichlorofluoromethane	1.88	101	42195	2.071 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	21479	2.043 ug/l	99
9) 1,1-Dichloroethene	2.27	96	21151	2.043 ug/l	99
10) Iodomethane	2.40	142	22433	1.612 ug/l	99
11) Allyl Chloride	2.58	41	34190	2.001 ug/l	98
12) Acrylonitrile	2.92	53	10269	3.553 ug/l	97
13) Acetone	2.31	43	22837	9.262 ug/l	100
14) Carbon Disulfide	2.46	76	78982	2.008 ug/l	98
15) Methylene Chloride	2.68	84	26509	1.899 ug/l	96
16) trans-1,2-Dichloroethene	2.96	96	24328	1.979 ug/l	97
17) 1,1-Dichloroethane	3.42	63	34325	2.080 ug/l	99
18) 2-Butanone	4.25	43	20235	8.598 ug/l	97
19) Cyclohexane	4.97	56	20562	1.698 ug/l	84
20) Methylcyclohexane	6.39	83	23212	1.904 ug/l	96
21) 2,2-Dichloropropane	4.20	77	28966	2.072 ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	19420	2.084 ug/l	99
23) Diethyl Ether	2.09	59	16682	1.869 ug/l	98
24) tert-Butyl Alcohol	2.82	59	21469	15.008 ug/l	98
25) Methyl tert-Butyl Ether	2.98	73	57440	1.927 ug/l	99
26) Bromochloromethane	4.52	128	8811	2.151 ug/l	95
27) Chloroform	4.65	83	37482	1.988 ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	29657	2.031 ug/l	98
29) 1,1-Dichloropropene	5.11	75	24595	2.042 ug/l	99
30) Carbon Tetrachloride	5.11	117	26798	2.085 ug/l	97
31) Isopropyl Ether	3.56	45	41124	1.972 ug/l	96
32) Ethyl-t-butyl ether	4.05	59	38177	1.904 ug/l	97
33) Tert-Amyl methyl ether	5.56	73	34033	1.888 ug/l	98
34) Propionitrile	4.32	54	6054	8.967 ug/l #	95
35) Benzene	5.37	78	70396	2.023 ug/l	97
36) 1,2-Dichloroethane	5.38	62	22569	1.949 ug/l	100
37) Trichloroethene	6.16	130	18517	2.016 ug/l	93
38) 1,2-Dichloropropane	6.41	63	18924	1.971 ug/l	100
39) Methacrylonitrile	4.53	41	5111	1.907 ug/l	99
40) Methyl acrylate	4.41	55	8946	2.146 ug/l #	88
41) Tetrahydrofuran	4.63	42	2166	1.612 ug/l #	17
42) 1-Chlorobutane	5.04	56	31227	1.934 ug/l	91

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	10379	1.953	ug/l	99
44) Bromodichloromethane	6.74	83	25395	1.982	ug/l	95
45) 4-Methyl-2-Pentanone	7.45	43	47877	8.833	ug/l	96
46) t-1,4-Dichloro-2-butene	10.48	75	21666	9.905	ug/l #	51
47) Methyl methacrylate	6.61	69	14779	3.648	ug/l	92
48) Ethyl methacrylate	8.01	69	12589	1.763	ug/l	95
49) Toluene	7.62	92	40491	2.032	ug/l	98
50) t-1,3-Dichloropropene	7.86	75	20894	1.955	ug/l	98
51) cis-1,3-Dichloropropene	7.25	75	24825	1.967	ug/l	94
52) 1,1,2-Trichloroethane	8.05	97	13745	1.935	ug/l	98
53) 1,3-Dichloropropane	8.23	76	23051	1.921	ug/l	99
54) 2-Hexanone	8.35	43	32670	8.562	ug/l	94
55) Dibromochloromethane	8.46	129	16074	1.937	ug/l	96
56) 1,2-Dibromoethane	8.57	107	12731	1.923	ug/l	99
58) Tetrachloroethene	8.21	164	16687	2.004	ug/l	98
59) Chlorobenzene	9.10	112	45394	1.987	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.19	131	17465	2.013	ug/l	99
61) Pentachloroethane	11.09	117	15134	2.125	ug/l	94
62) Hexachloroethane	12.13	117	14116	2.049	ug/l	99
63) Ethyl Benzene	9.23	91	70939	1.933	ug/l	97
64) m/p-Xylenes	9.36	106	55989	3.816	ug/l	98
65) o-Xylene	9.76	106	27504	1.956	ug/l	100
66) Styrene	9.78	104	45166	1.894	ug/l	99
67) Bromoform	9.94	173	8665	1.930	ug/l	98
69) Isopropylbenzene	10.15	105	71276	1.977	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	18509	1.966	ug/l	97
71) 1,2,3-Trichloropropane	10.48	75	21666	2.981	ug/l #	79
72) Bromobenzene	10.44	156	19016	1.997	ug/l	99
73) n-propylbenzene	10.57	120	19683	1.916	ug/l	97
74) 2-Chlorotoluene	10.65	126	19447	2.073	ug/l	96
75) 1,3,5-Trimethylbenzene	10.76	105	63582	1.965	ug/l	99
76) 4-Chlorotoluene	10.76	126	19740	2.020	ug/l	90
77) tert-Butylbenzene	11.09	119	58894	1.920	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	62288	1.883	ug/l	96
79) sec-Butylbenzene	11.31	105	83269	1.972	ug/l	99
80) Nitrobenzene	12.86	77	1183	3.023	ug/l #	74
81) p-Isopropyltoluene	11.46	119	67288	1.960	ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	40766	2.014	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	40210	2.008	ug/l	99
84) n-Butylbenzene	11.87	91	65240	1.857	ug/l	97
85) 1,2-Dichlorobenzene	11.86	146	37684	1.986	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	3058	2.065	ug/l	88
87) 1,2,4-Trichlorobenzene	13.49	180	20190	1.788	ug/l	96
88) Hexachlorobutadiene	13.68	225	14186	2.037	ug/l	97
89) Naphthalene	13.73	128	31449	1.804	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	19462	1.776	ug/l	98

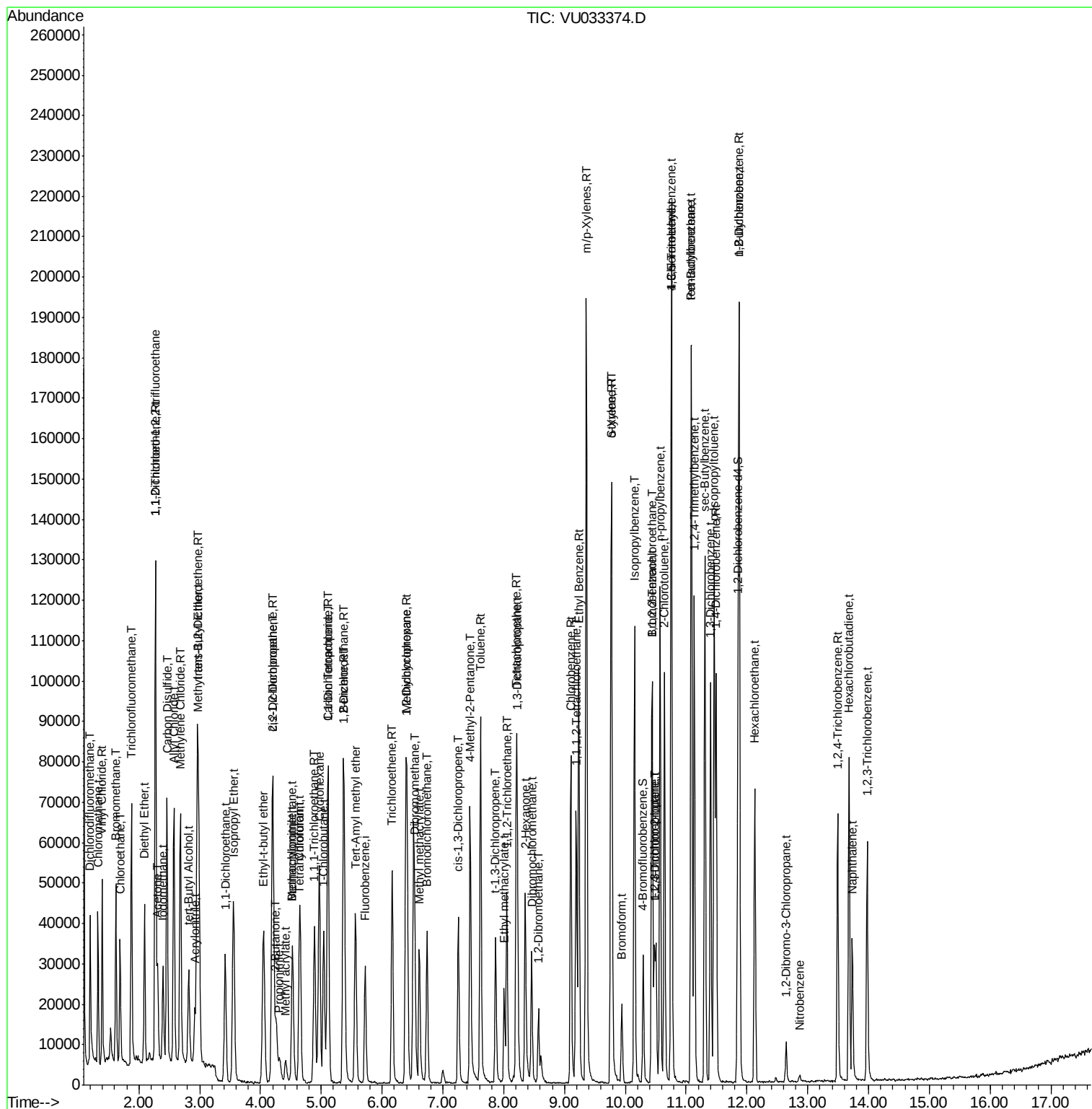
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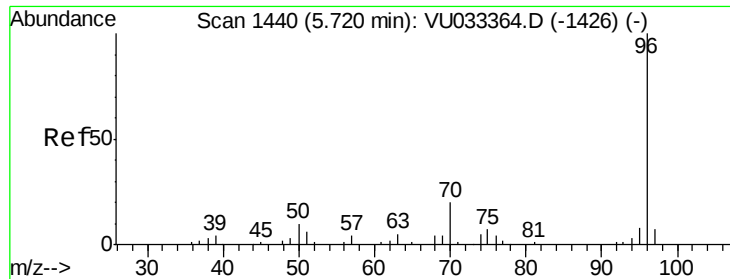
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

VU0723WBSD01

Tgt Ion: 96 Resp: 29136

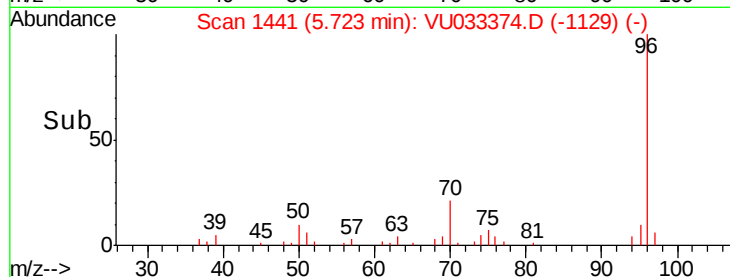
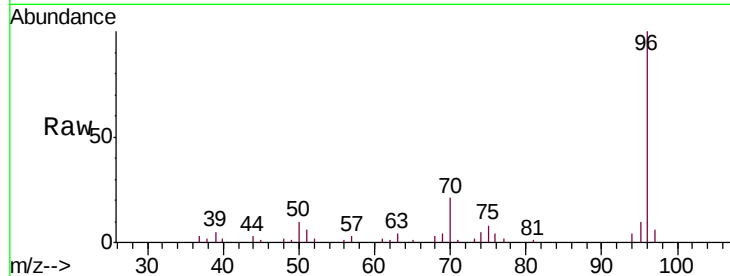
Ion Ratio Lower Upper

96 100

70 20.0 16.4 24.6

95 9.5 6.7 10.1

97 6.6 0.0 0.0#

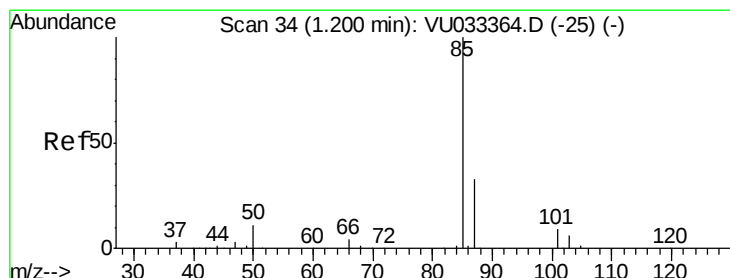
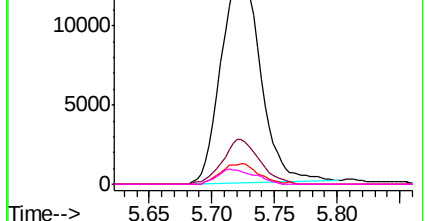


Abundance Ion 96.00 (95.70 to 96.70): VU033374.D (-1129) (-)

Ion 70.00 (69.70 to 70.70): VU033374.D (-1129) (-)

Ion 95.00 (94.70 to 95.70): VU033374.D (-1129) (-)

Ion 97.00 (96.70 to 97.70): VU033374.D (-1129) (-)



#2

Dichlorodifluoromethane

Concen: 2.126 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033374.D

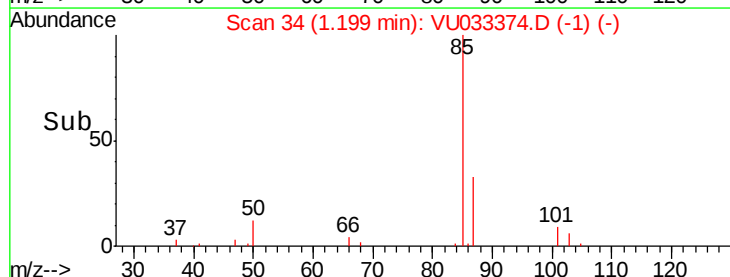
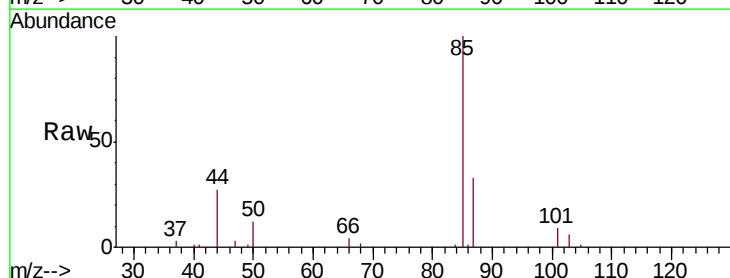
Acq: 23 Jul 2019 11:54

Tgt Ion: 85 Resp: 25620

Ion Ratio Lower Upper

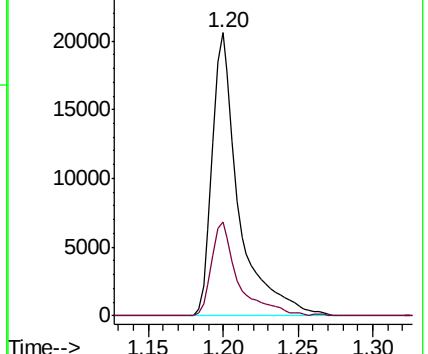
85 100

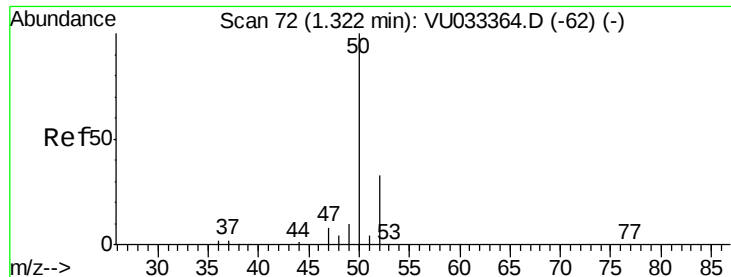
87 33.3 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VU033374.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU033374.D (-1) (-)





#3

Chloromethane

Concen: 2.008 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

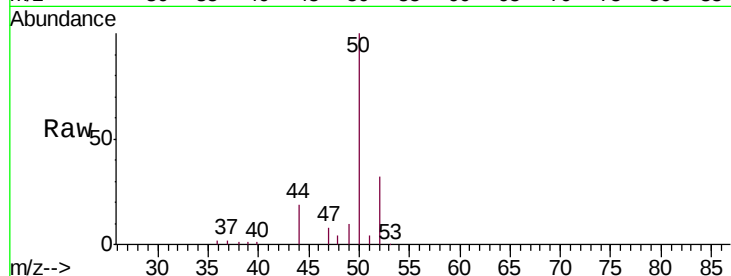
VU0723WBSD01

Tgt Ion: 50 Resp: 26701

Ion Ratio Lower Upper

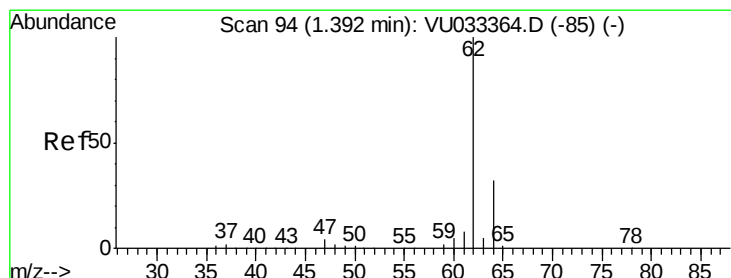
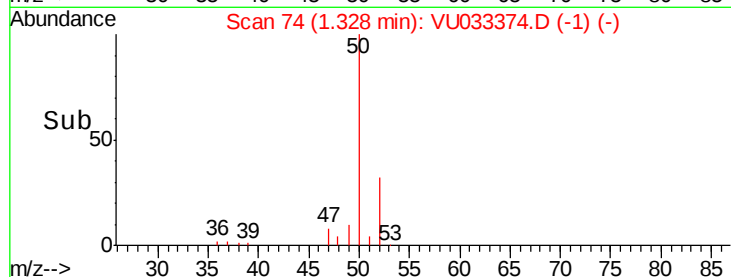
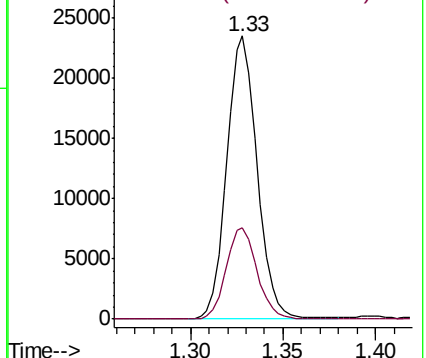
50 100

52 32.5 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 2.046 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033374.D

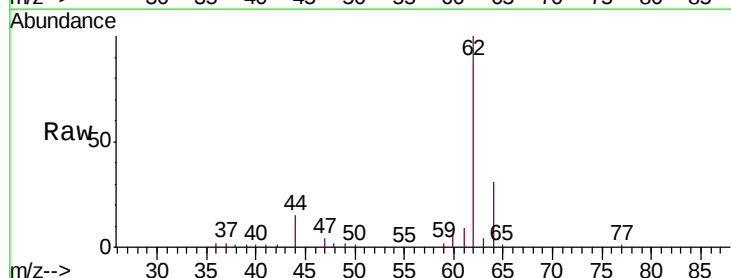
Acq: 23 Jul 2019 11:54

Tgt Ion: 62 Resp: 30359

Ion Ratio Lower Upper

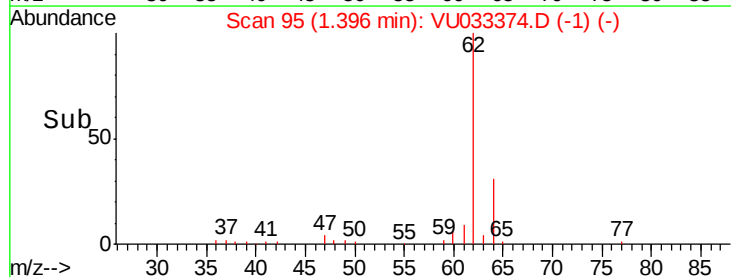
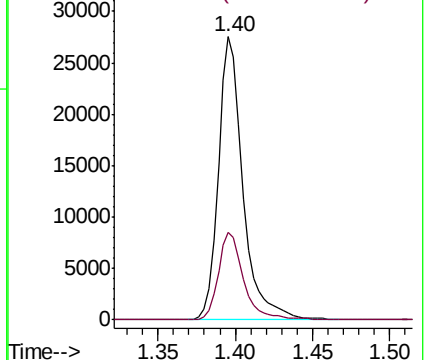
62 100

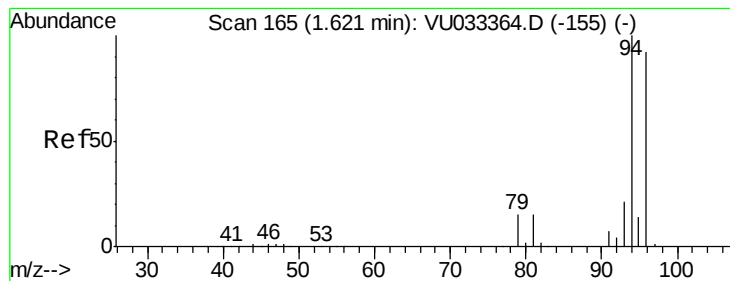
64 31.0 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 2.147 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

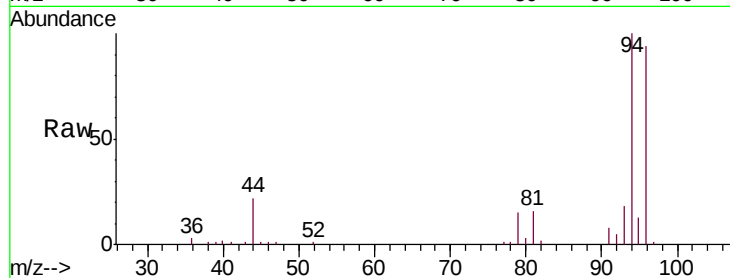
VU0723WBSD01

Tgt Ion: 94 Resp: 20055

Ion Ratio Lower Upper

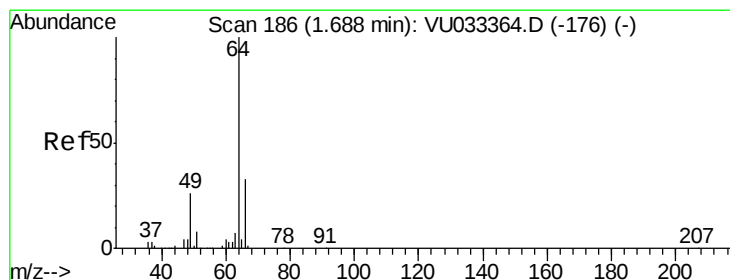
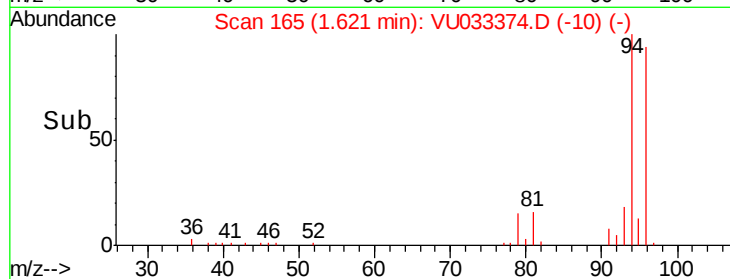
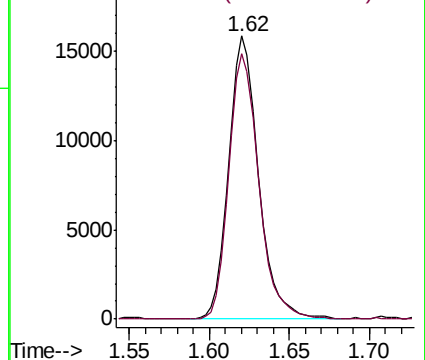
94 100

96 93.7 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.799 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033374.D

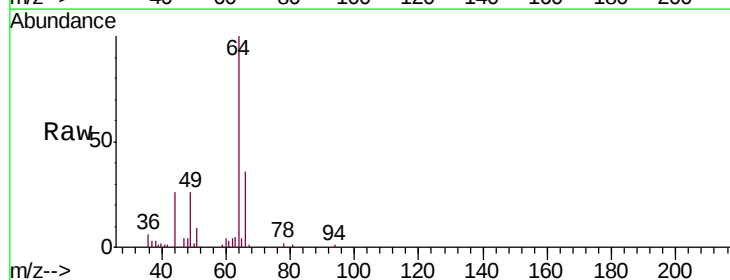
Acq: 23 Jul 2019 11:54

Tgt Ion: 64 Resp: 18752

Ion Ratio Lower Upper

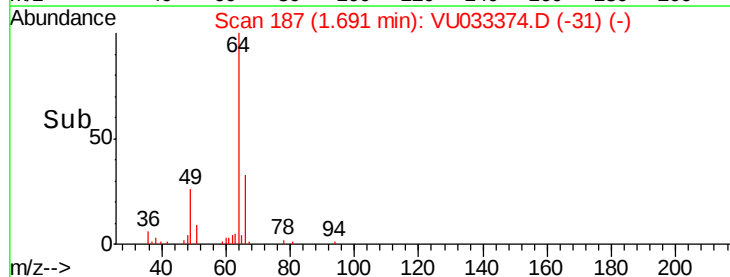
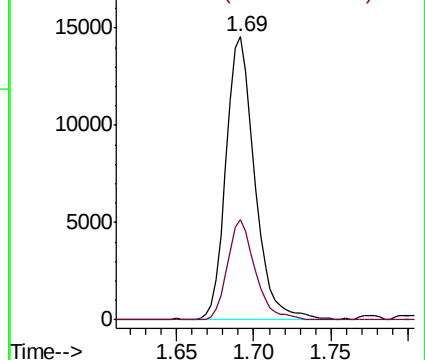
64 100

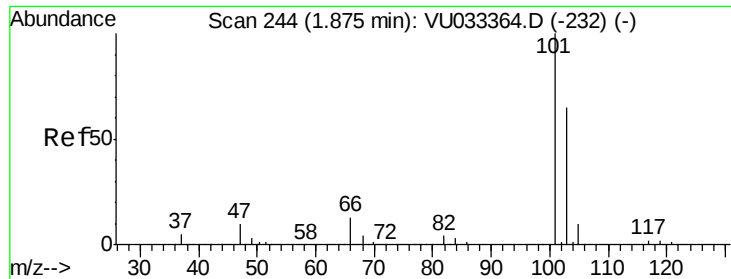
66 35.6 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



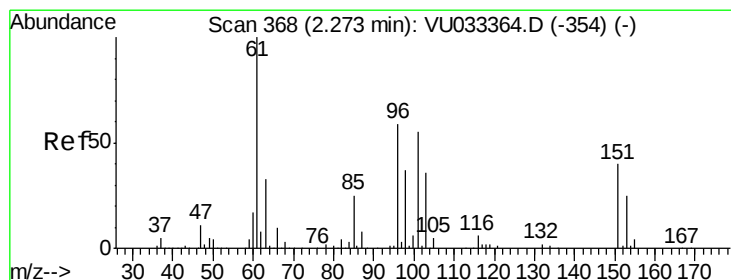
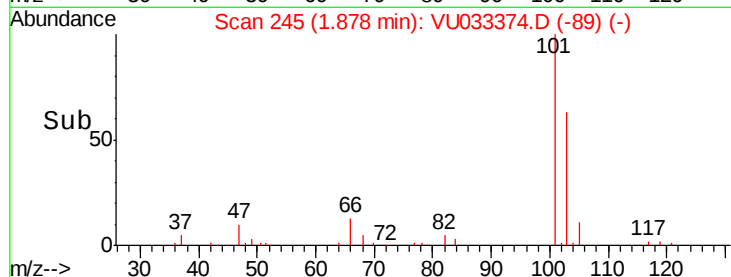
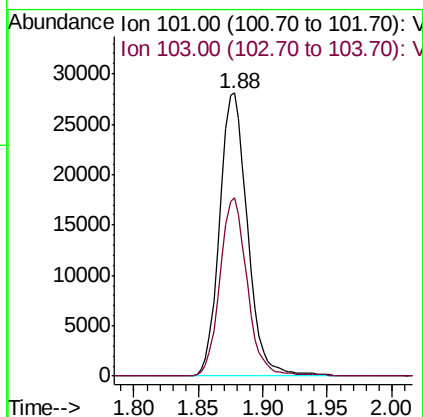
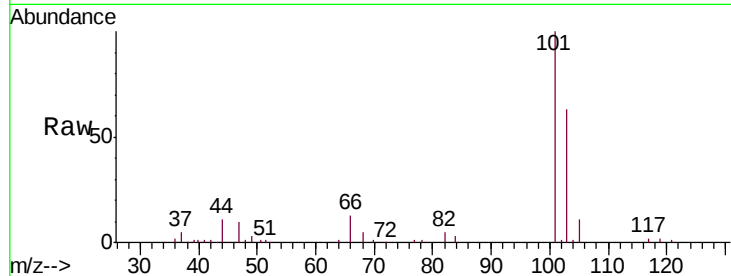


#7

Trichlorofluoromethane
 Concen: 2.071 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Instrument :
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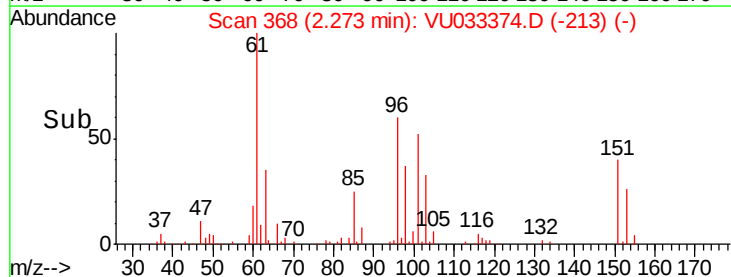
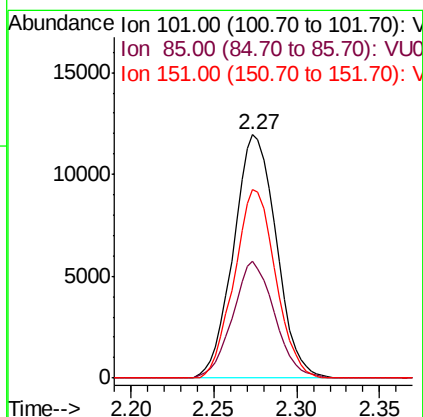
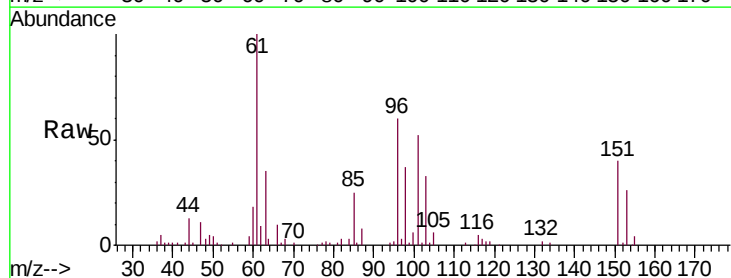
Tgt Ion:101 Resp: 42195
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.2

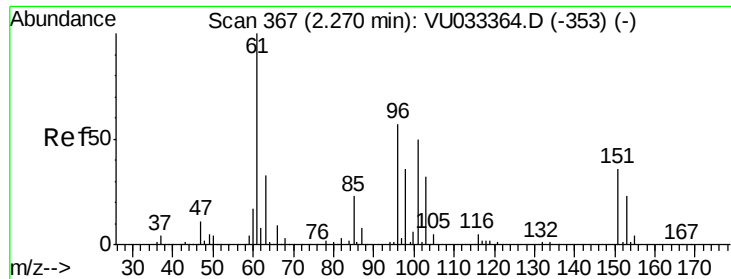


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.043 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion:101 Resp: 21479
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.5 56.3
 151 74.4 58.3 87.5





#9

1,1-Dichloroethene

Concen: 2.043 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

VU0723WBSD01

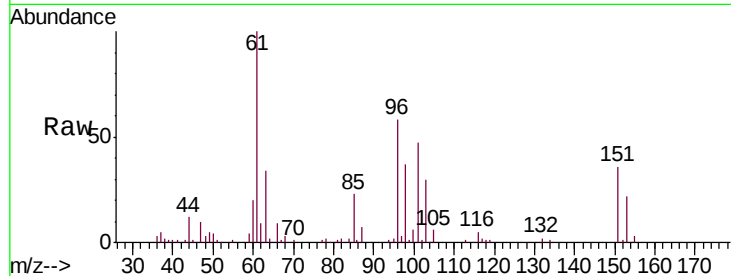
Tgt Ion: 96 Resp: 21151

Ion Ratio Lower Upper

96 100

61 173.0 0.0 525.6

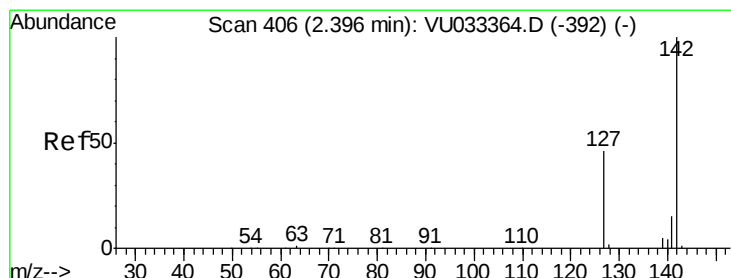
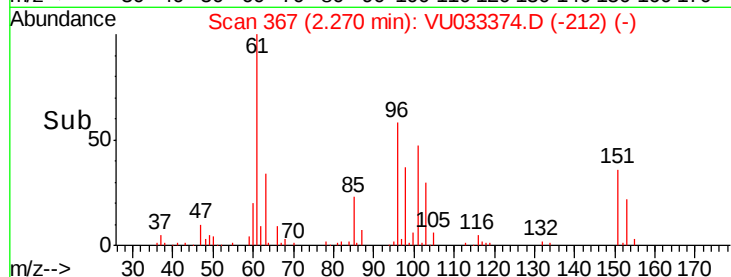
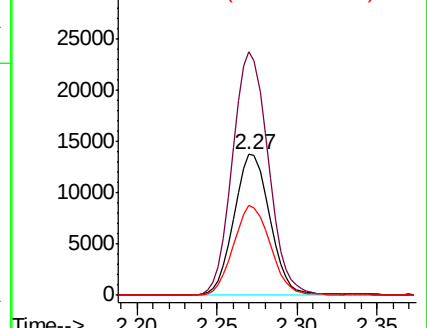
98 63.7 0.0 126.4



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



#10

Iodomethane

Concen: 1.612 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033374.D

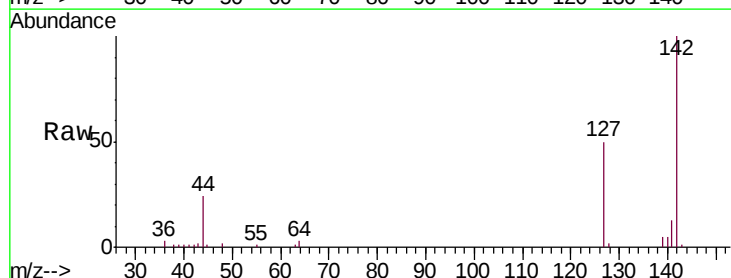
Acq: 23 Jul 2019 11:54

Tgt Ion: 142 Resp: 22433

Ion Ratio Lower Upper

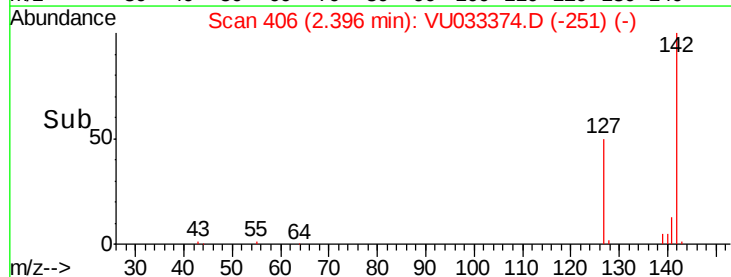
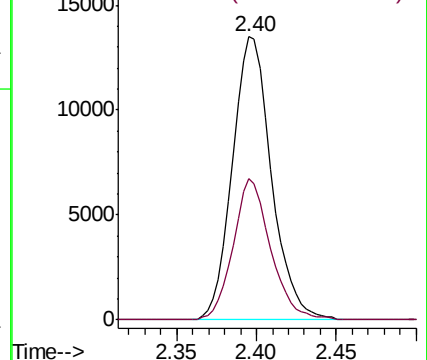
142 100

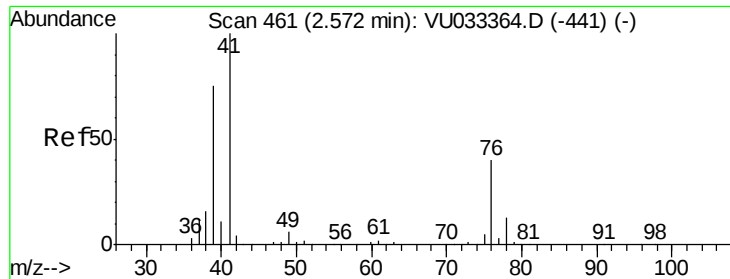
127 47.8 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

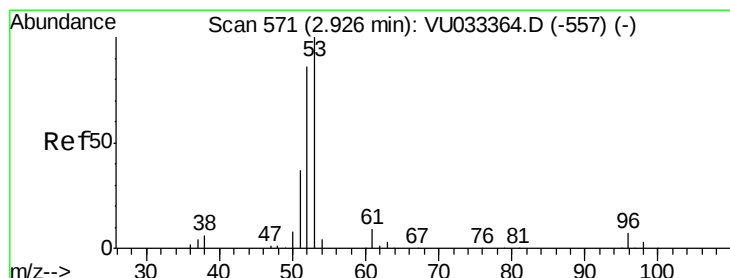
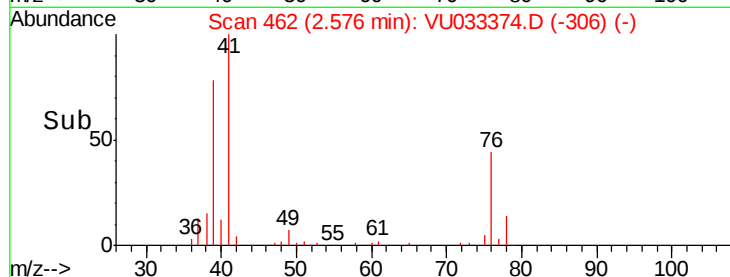
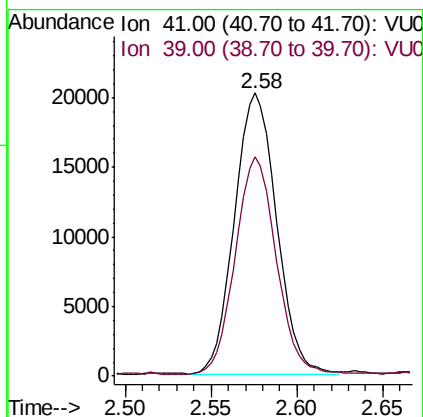
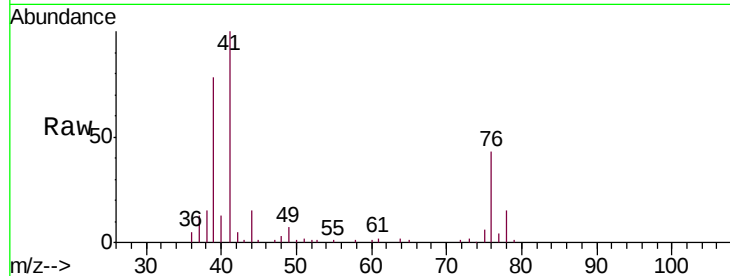




#11
 Allyl Chloride
 Concen: 2.001 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

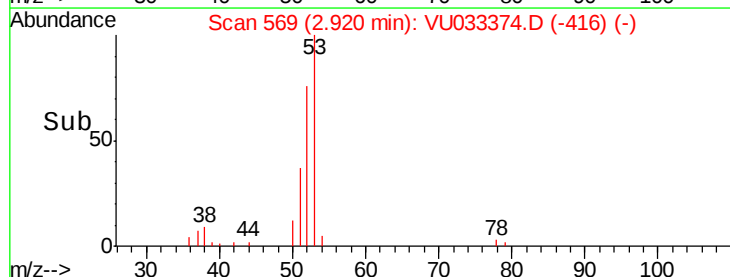
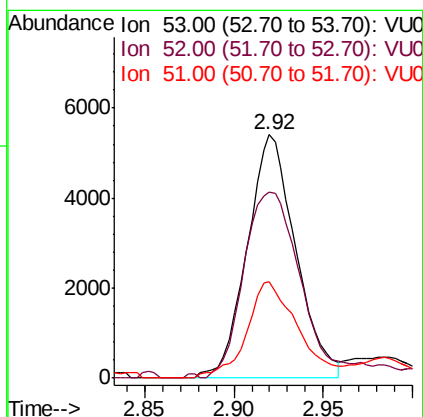
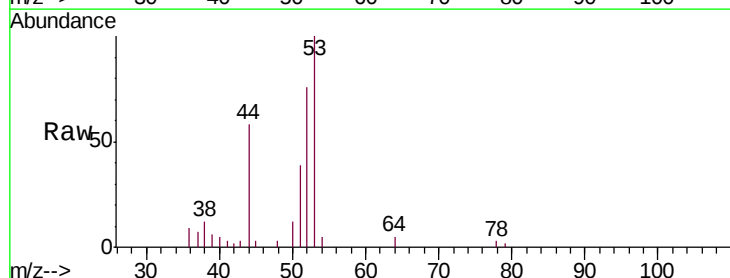
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

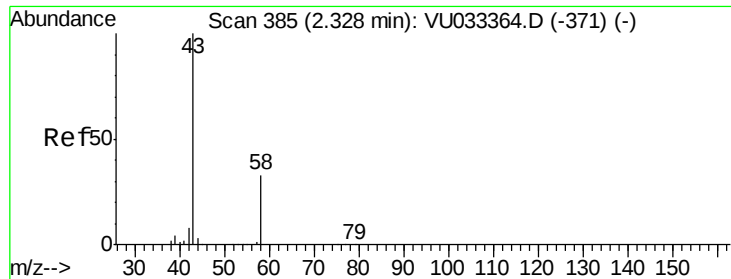
Tgt Ion: 41 Resp: 34190
 Ion Ratio Lower Upper
 41 100
 39 75.2 58.7 88.1



#12
 Acrylonitrile
 Concen: 3.553 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion: 53 Resp: 10269
 Ion Ratio Lower Upper
 53 100
 52 88.6 69.8 104.8
 51 41.1 29.1 43.7





#13

Acetone

Concen: 9.262 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

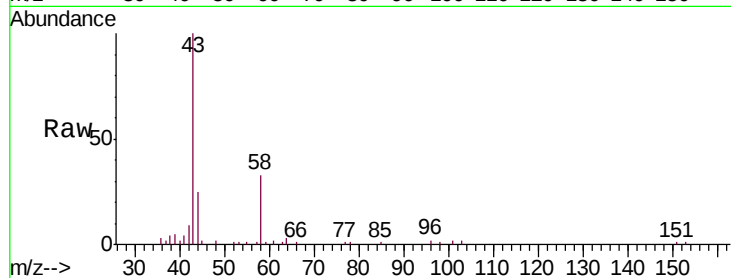
VU0723WBSD01

Tgt Ion: 43 Resp: 22837

Ion Ratio Lower Upper

43 100

58 33.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033364.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033364.D (-371) (-)

2.31

15000

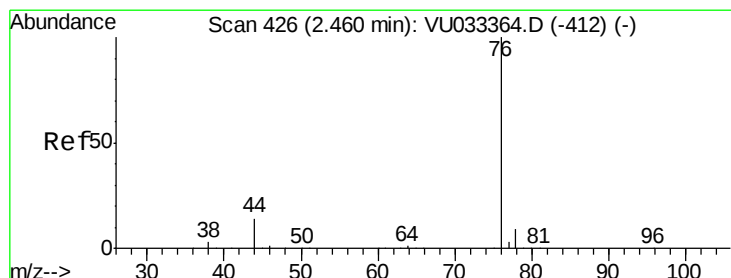
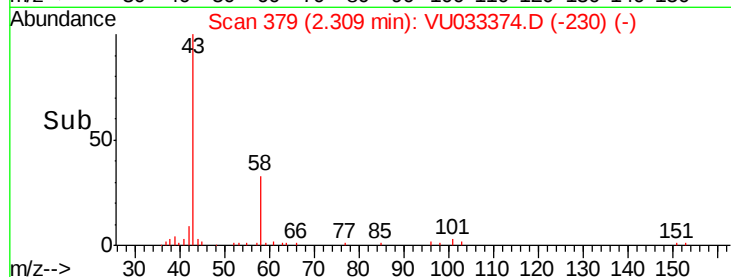
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 2.008 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033374.D

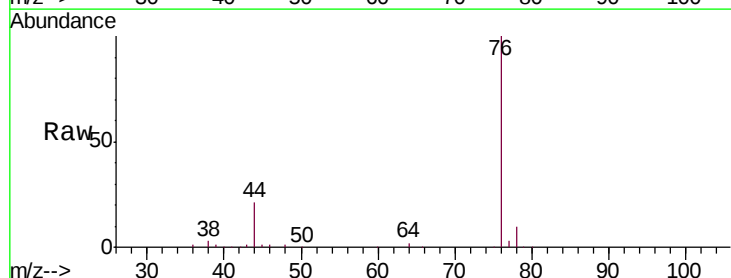
Acq: 23 Jul 2019 11:54

Tgt Ion: 76 Resp: 78982

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033364.D (-412) (-)

Ion 78.00 (77.70 to 78.70): VU033364.D (-412) (-)

2.46

50000

40000

30000

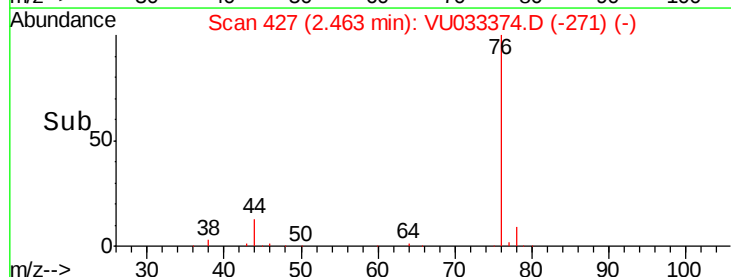
20000

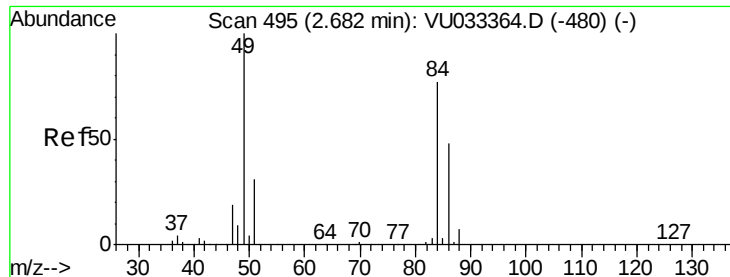
10000

0

Time-->

2.40 2.45 2.50 2.55

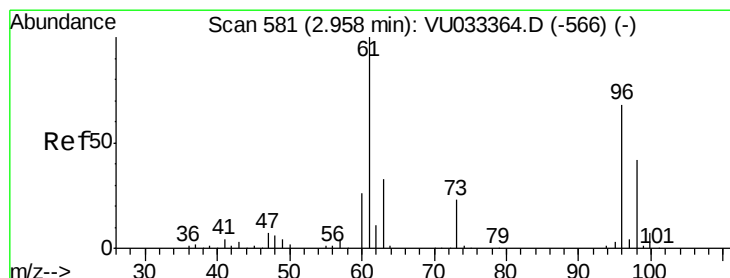
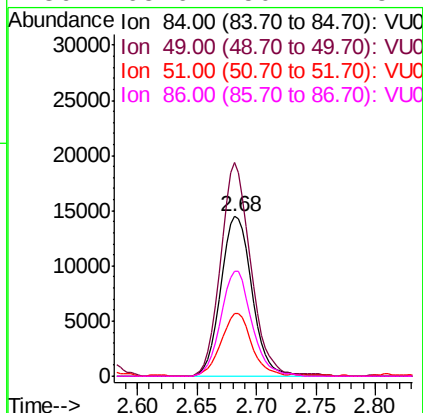
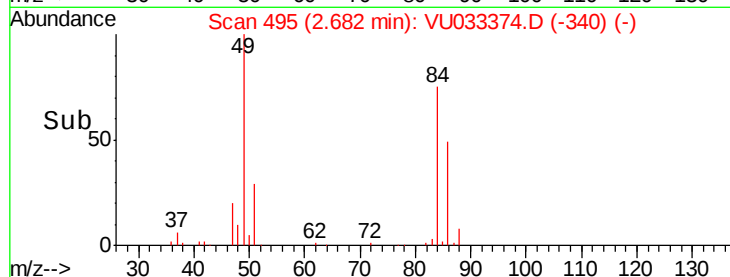
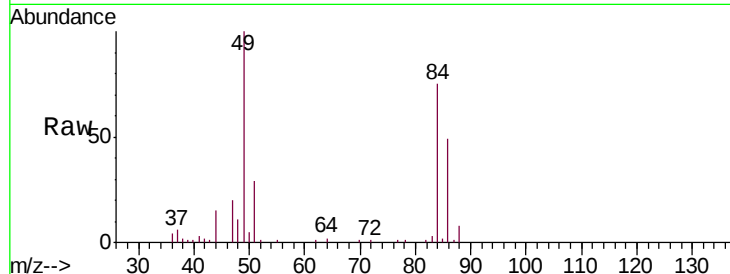




#15
Methylene Chloride
Concen: 1.899 ug/l
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

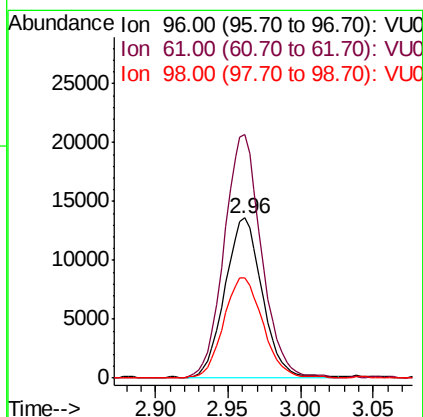
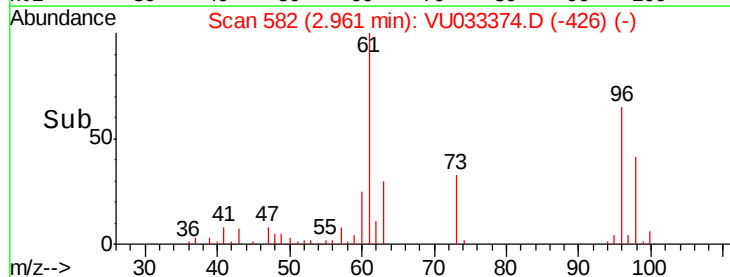
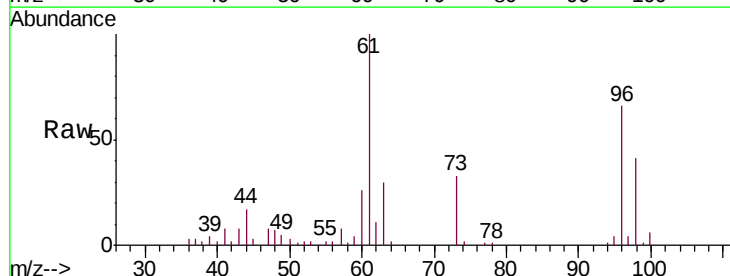
Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

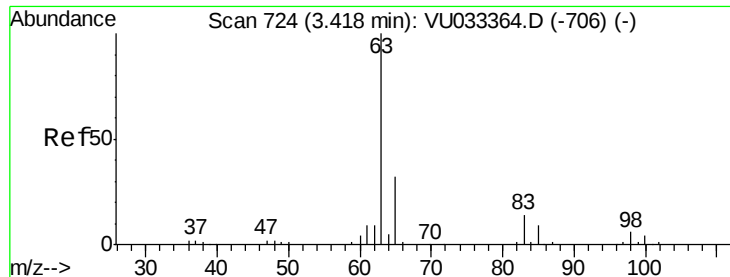
Tgt Ion:	84	Resp:	26509
Ion	Ratio	Lower	Upper
84	100		
49	133.9	103.5	155.3
51	39.0	0.0	80.4
86	65.6	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 1.979 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion:	96	Resp:	24328
Ion	Ratio	Lower	Upper
96	100		
61	152.3	118.0	177.0
98	62.4	49.4	74.2

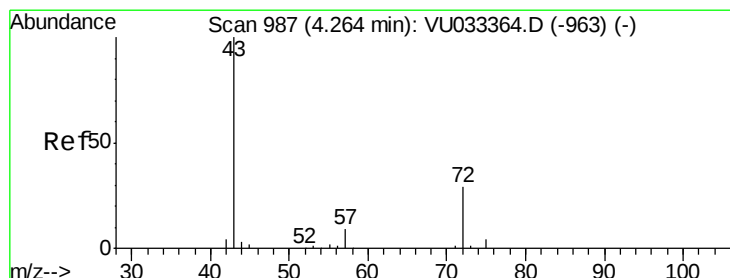
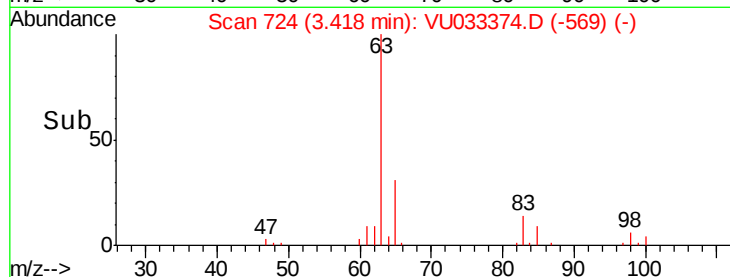
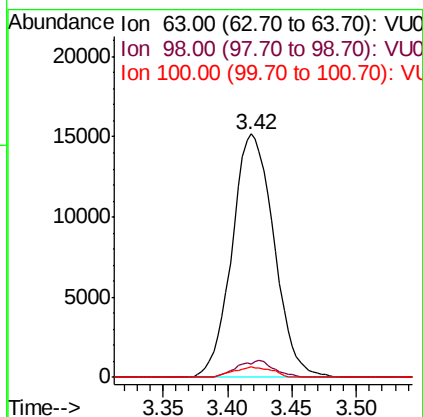
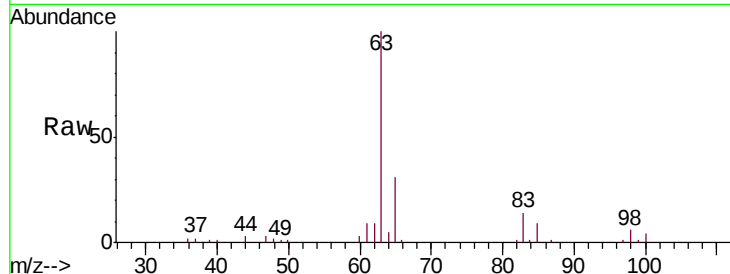




#17
 1,1-Dichloroethane
 Concen: 2.080 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

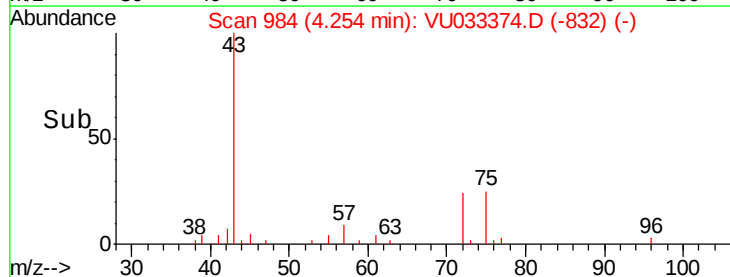
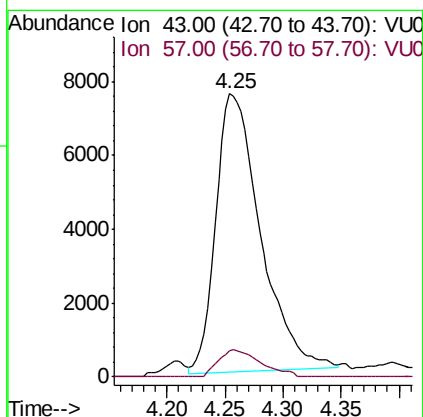
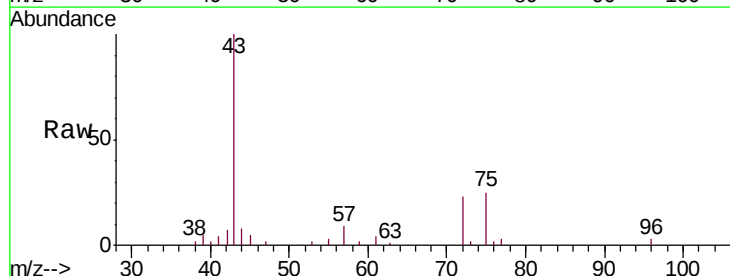
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

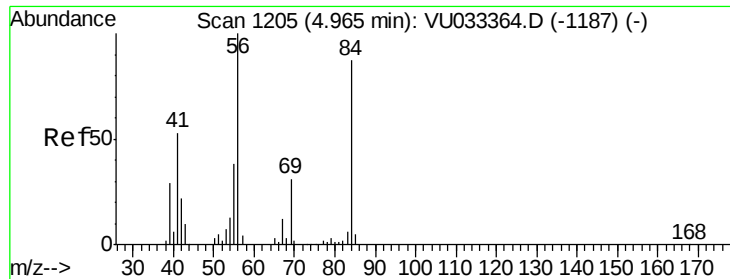
Tgt Ion: 63 Resp: 34325
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.2 9.6
 100 4.1 2.1 6.2



#18
 2-Butanone
 Concen: 8.598 ug/l
 RT: 4.25 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion: 43 Resp: 20235
 Ion Ratio Lower Upper
 43 100
 57 9.4 0.0 17.0

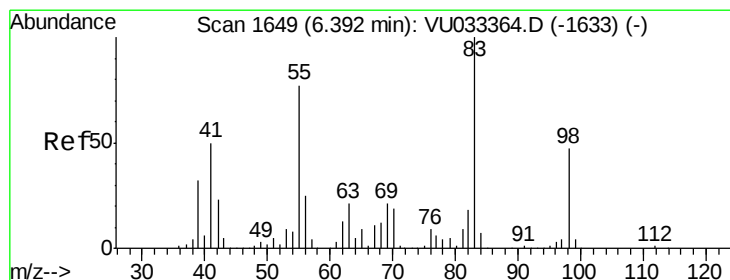
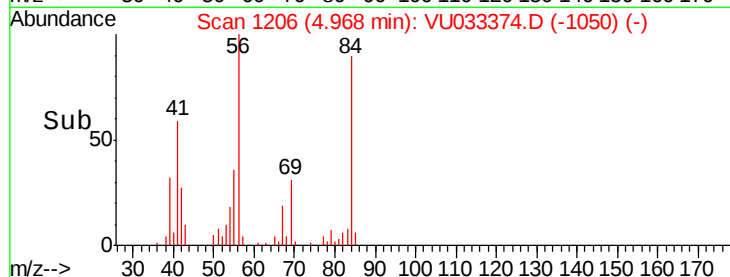
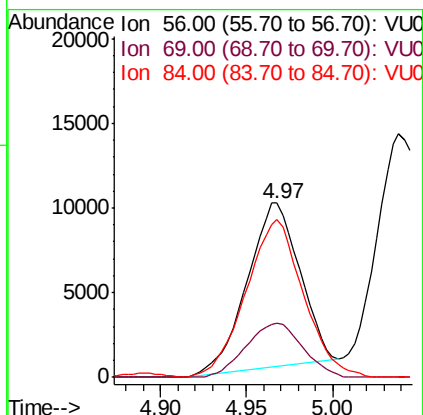
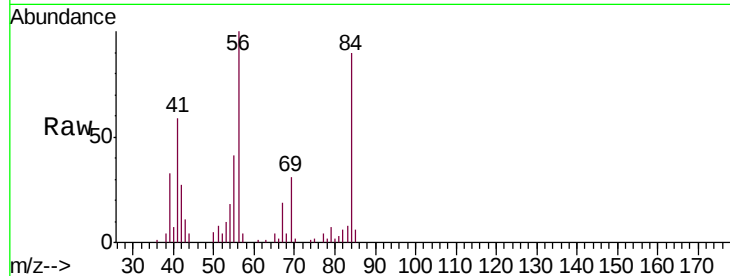




#19
Cyclohexane
Concen: 1.698 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

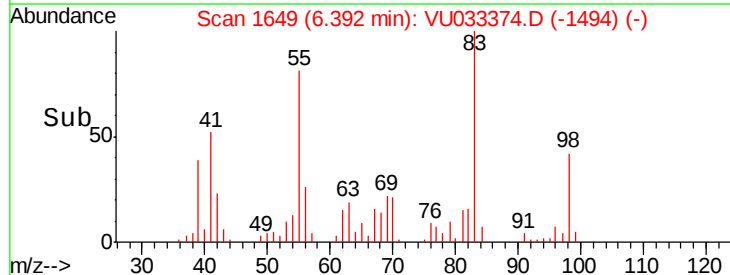
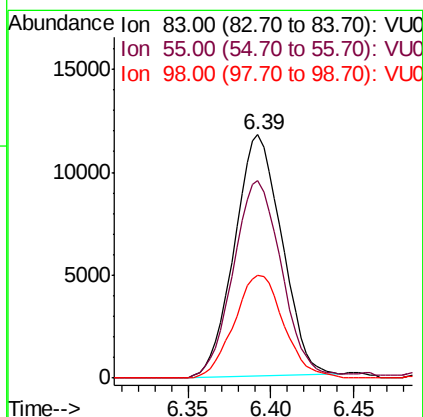
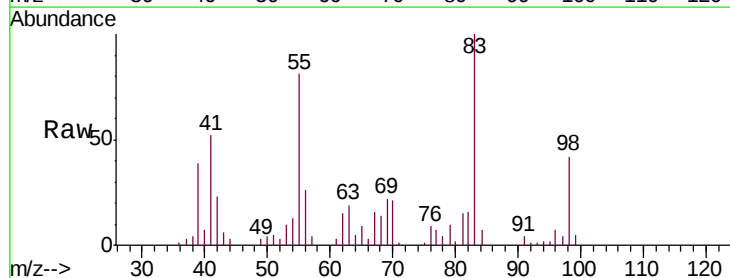
Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

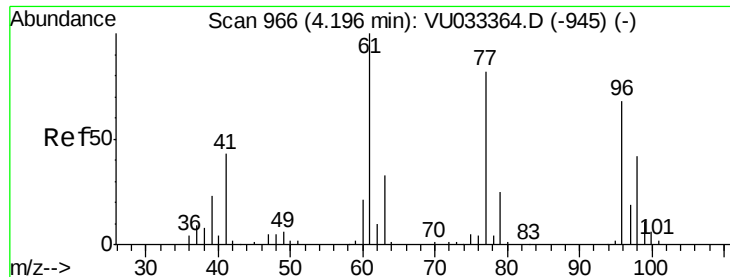
Tgt Ion: 56 Resp: 20562
Ion Ratio Lower Upper
56 100
69 35.6 25.0 37.4
84 104.6 69.8 104.6



#20
Methylcyclohexane
Concen: 1.904 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 83 Resp: 23212
Ion Ratio Lower Upper
83 100
55 82.2 62.3 93.5
98 44.6 37.4 56.0





#21

2,2-Dichloropropane

Concen: 2.072 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

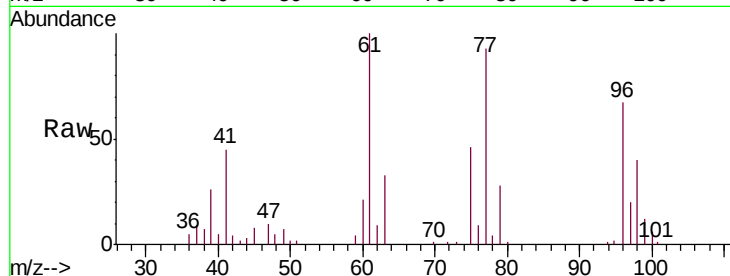
VU0723WBSD01

Tgt Ion: 77 Resp: 28966

Ion Ratio Lower Upper

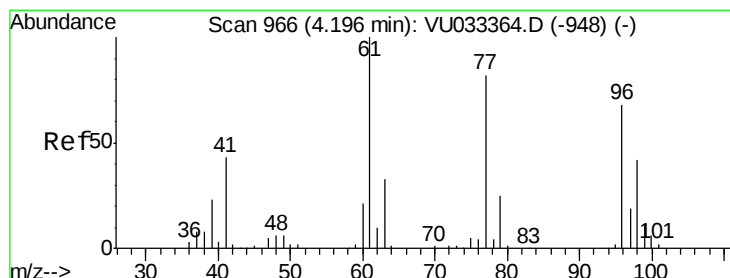
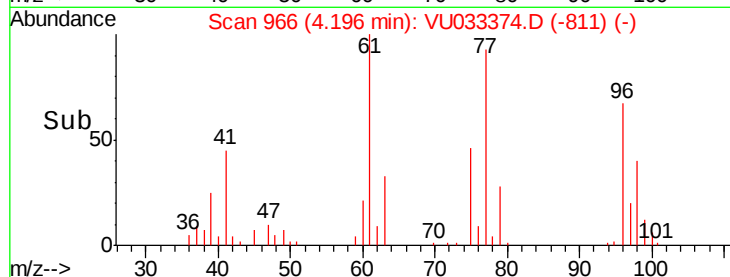
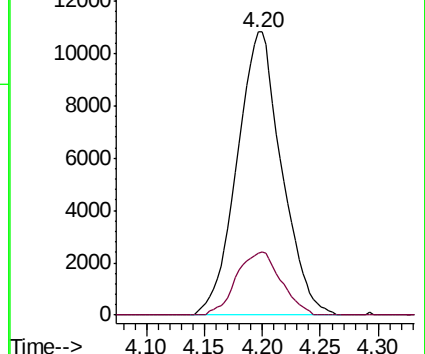
77 100

97 22.2 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: 2.084 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

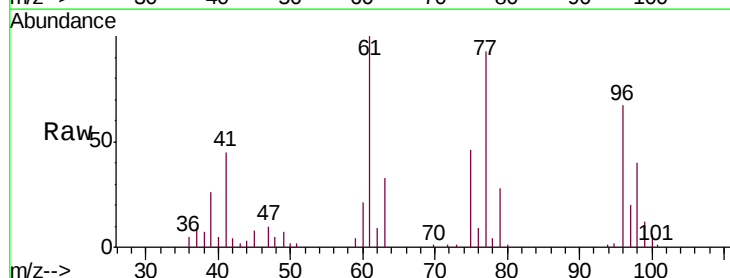
Tgt Ion: 96 Resp: 19420

Ion Ratio Lower Upper

96 100

61 150.7 0.0 376.3

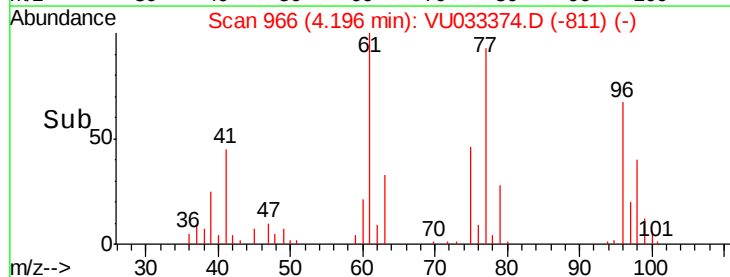
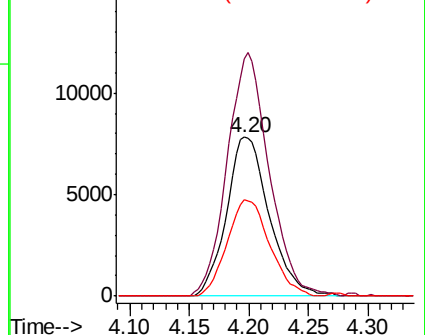
98 60.6 31.9 95.9

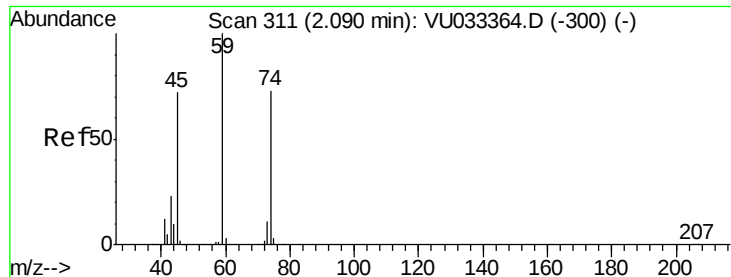


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

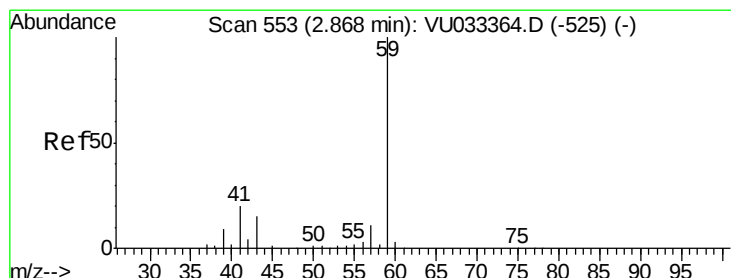
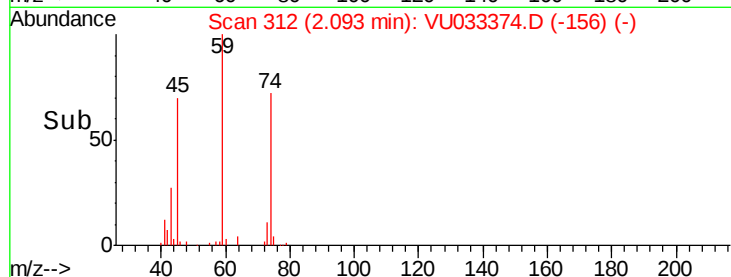
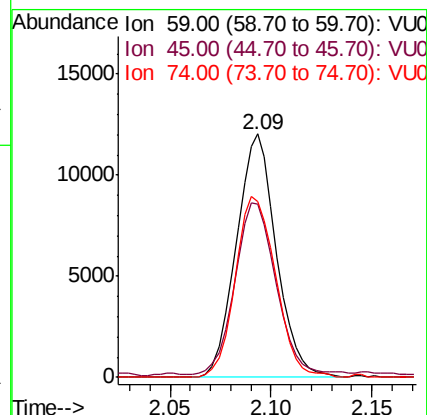
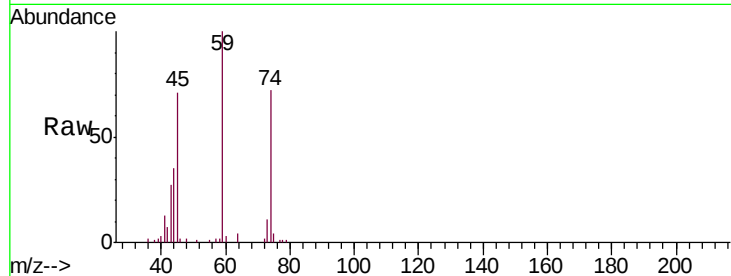




#23
Diethyl Ether
Concen: 1.869 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

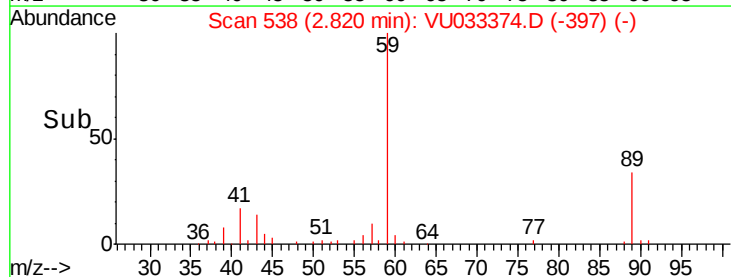
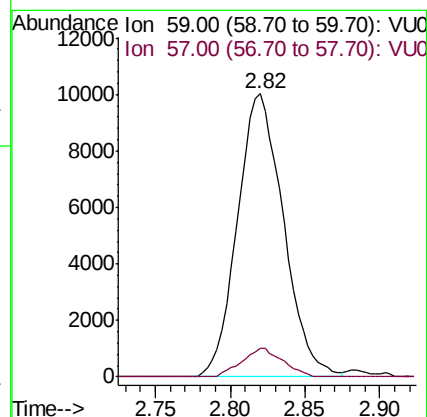
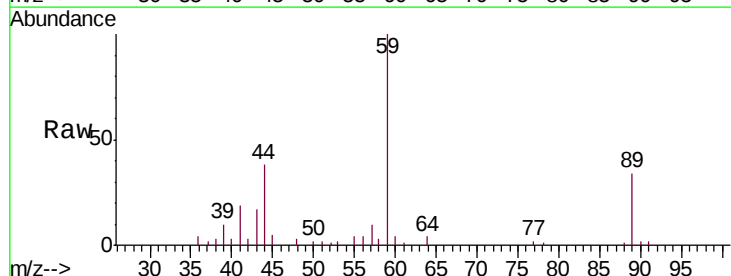
Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

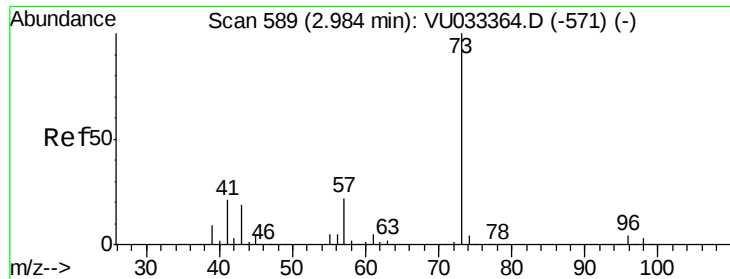
Tgt Ion: 59 Resp: 16682
Ion Ratio Lower Upper
59 100
45 72.8 57.6 86.4
74 75.3 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 15.008 ug/l
RT: 2.82 min Scan# 538
Delta R.T. -0.05 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 59 Resp: 21469
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8



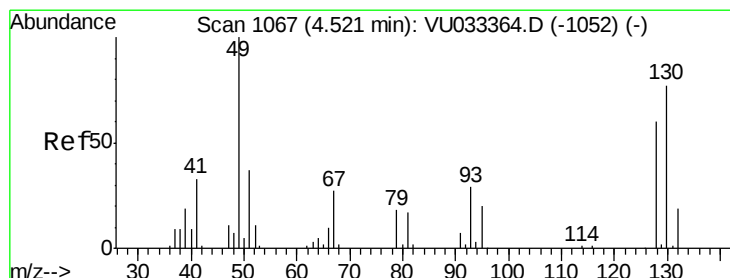
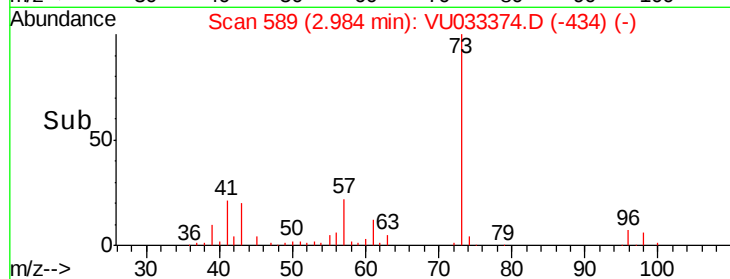
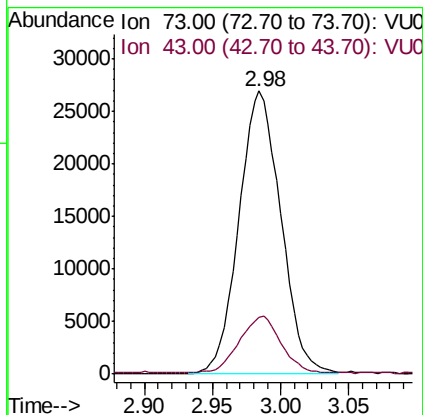
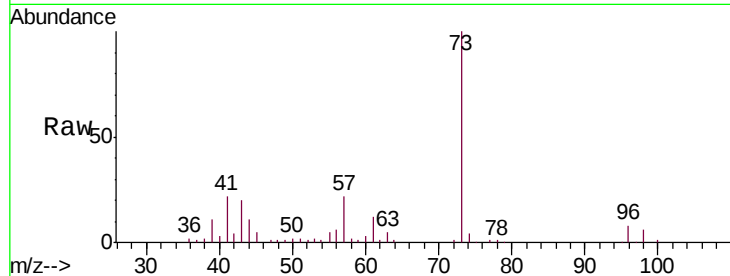


#25

Methyl tert-Butyl Ether
Concen: 1.927 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

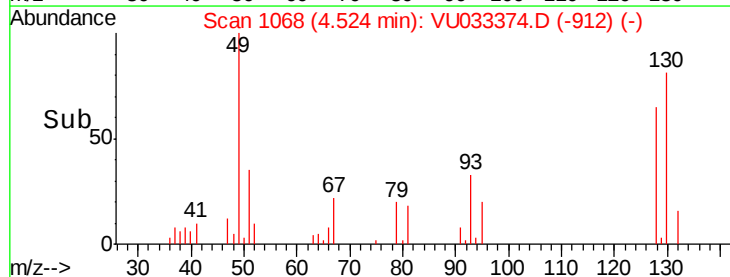
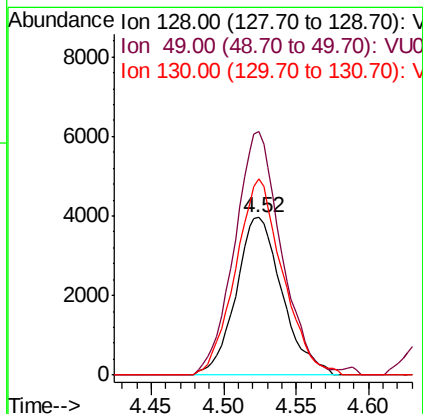
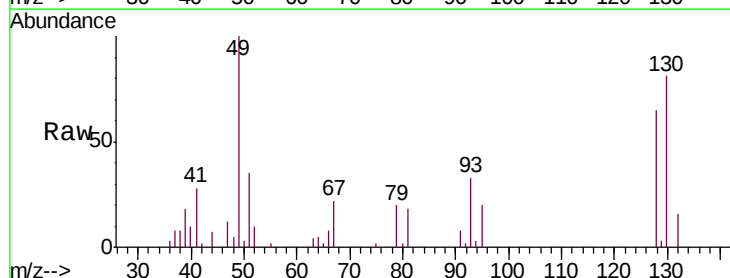
Tgt Ion: 73 Resp: 57440
Ion Ratio Lower Upper
73 100
43 20.2 16.6 24.8

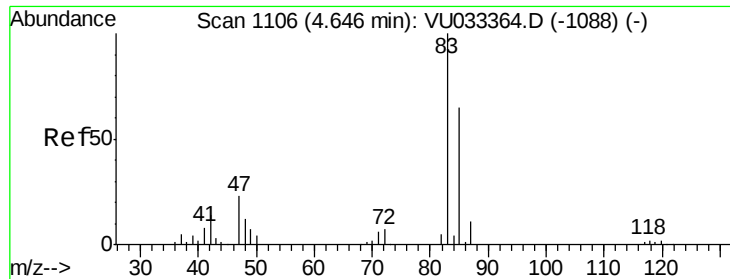


#26

Bromochloromethane
Concen: 2.151 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 128 Resp: 8811
Ion Ratio Lower Upper
128 100
49 156.1 0.0 333.4
130 126.5 103.4 155.2

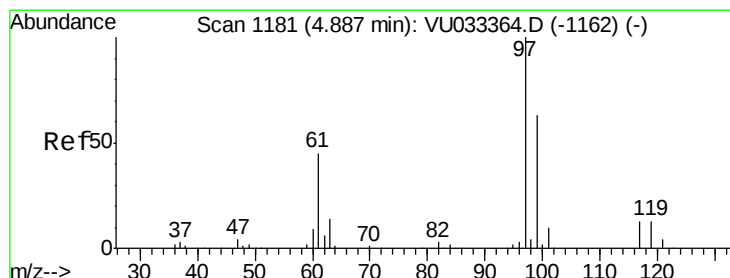
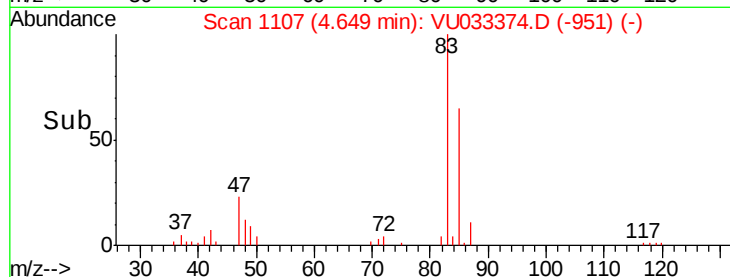
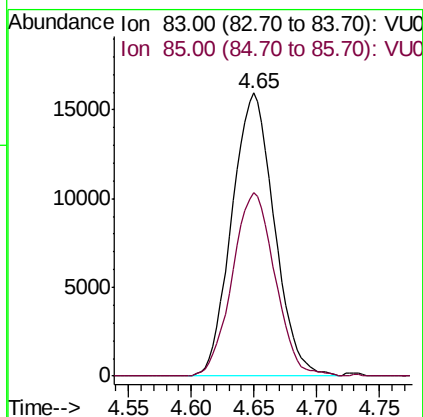
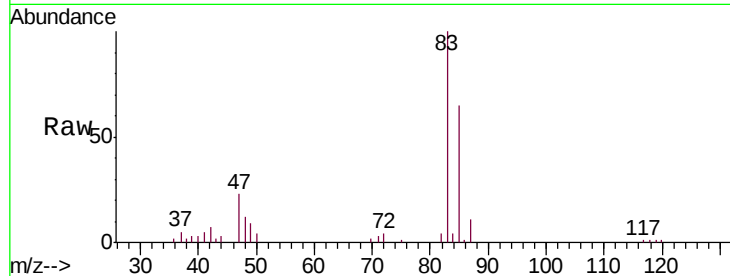




#27
Chloroform
Concen: 1.988 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

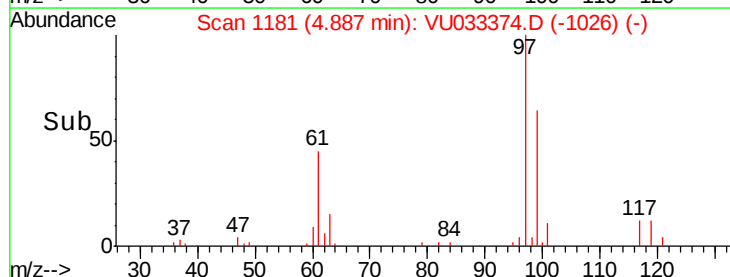
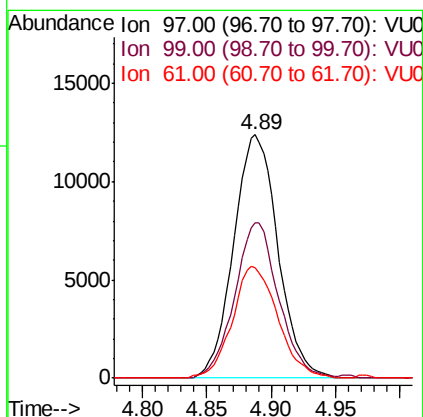
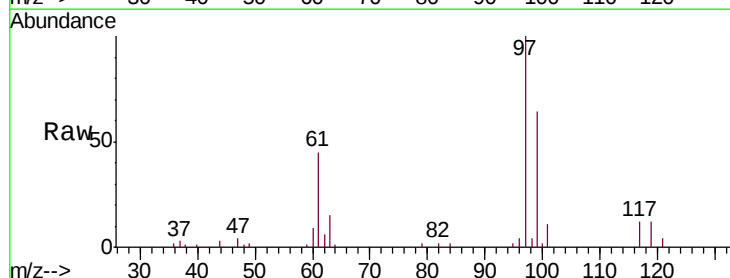
Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

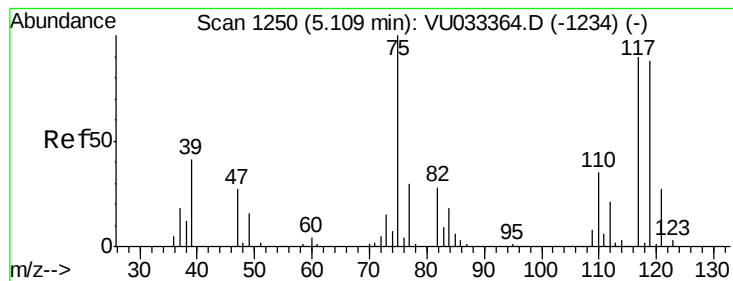
Tgt Ion: 83 Resp: 37482
Ion Ratio Lower Upper
83 100
85 65.0 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 2.031 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 97 Resp: 29657
Ion Ratio Lower Upper
97 100
99 63.0 31.9 95.5
61 47.0 22.7 68.0





#29

1,1-Dichloropropene

Concen: 2.042 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

VU0723WBSD01

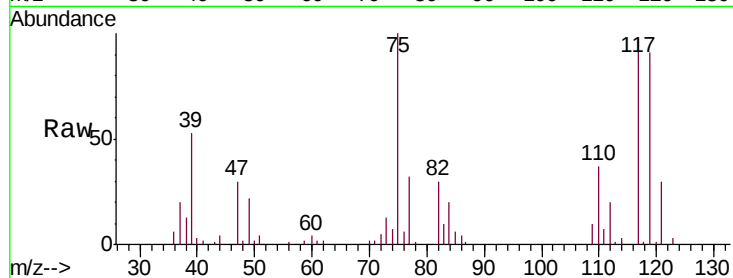
Tgt Ion: 75 Resp: 24595

Ion Ratio Lower Upper

75 100

110 35.7 17.5 52.6

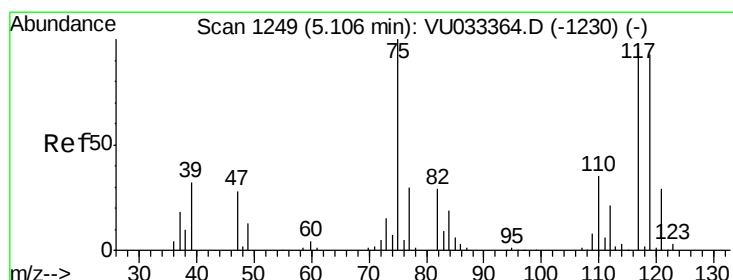
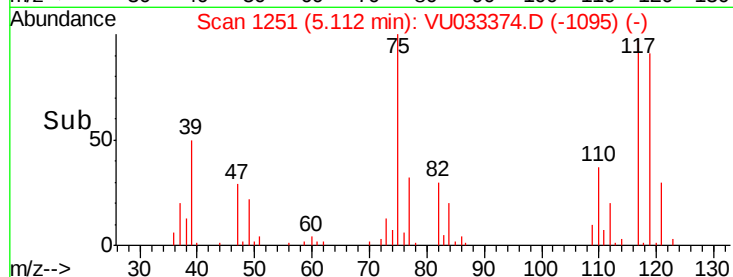
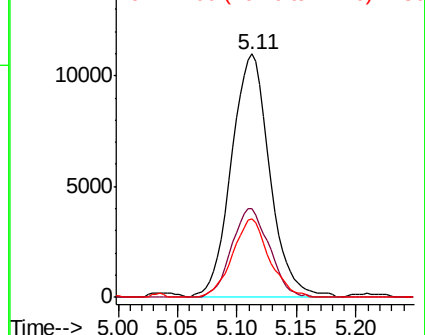
77 30.8 25.1 37.7



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

15000 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: 2.085 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

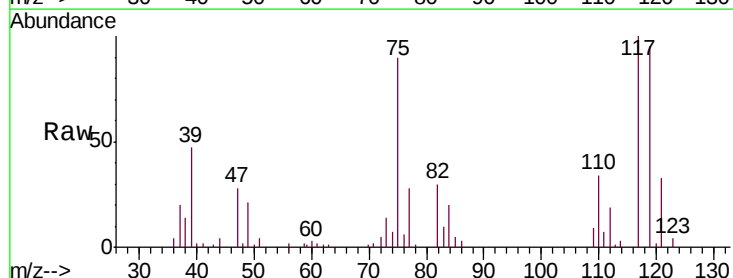
Tgt Ion: 117 Resp: 26798

Ion Ratio Lower Upper

117 100

119 94.7 77.9 116.9

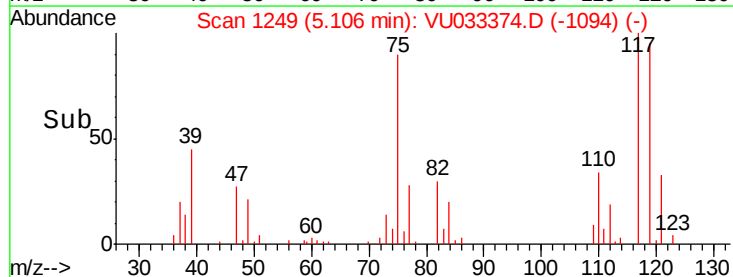
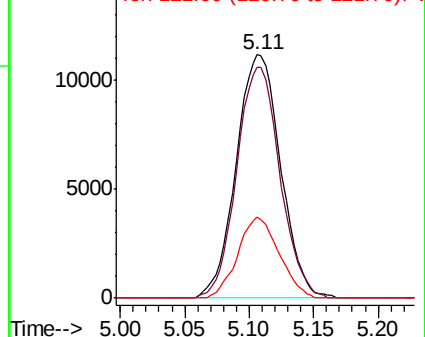
121 33.2 24.0 36.0

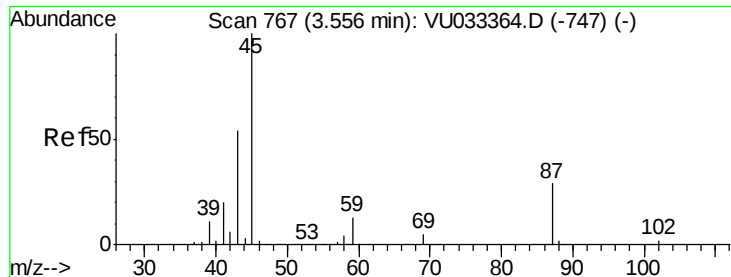


Abundance Ion 117.00 (116.70 to 117.70): VU033364.D (-1230) (-)

15000 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: 1.972 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

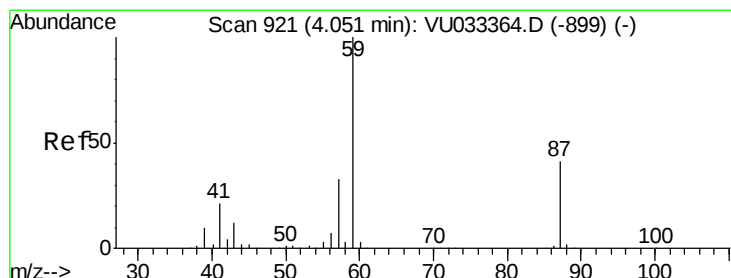
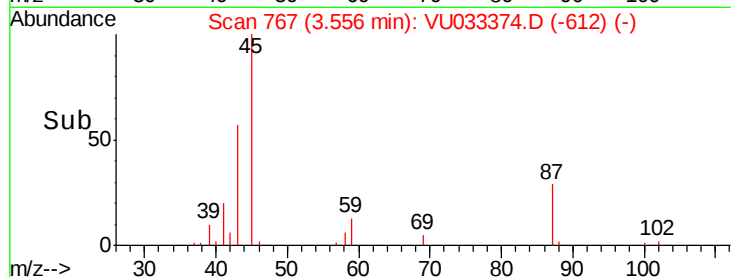
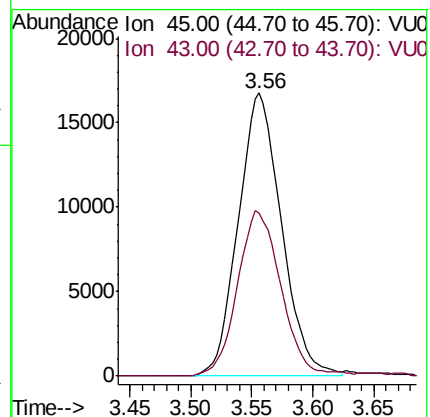
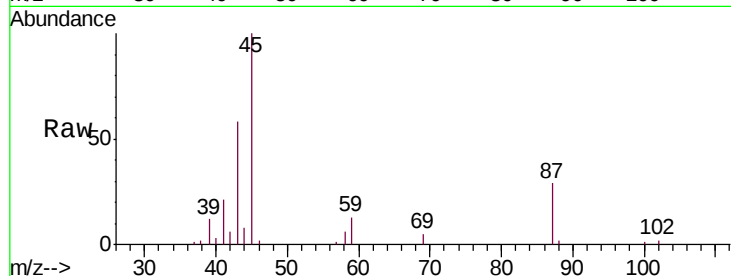
VU0723WBSD01

Tgt Ion: 45 Resp: 41124

Ion Ratio Lower Upper

45 100

43 58.5 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 1.904 ug/l

RT: 4.05 min Scan# 920

Delta R.T. -0.00 min

Lab File: VU033374.D

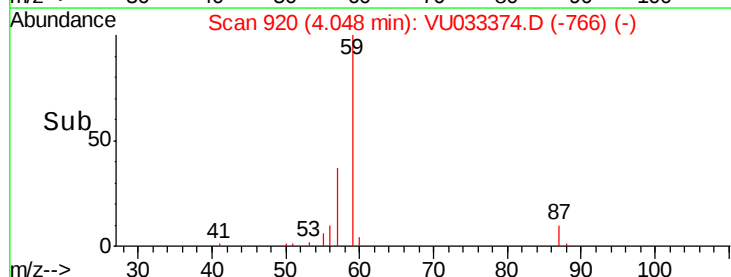
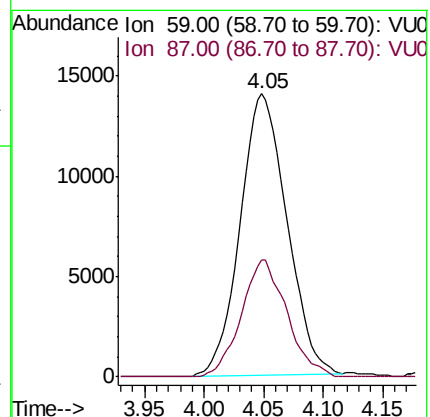
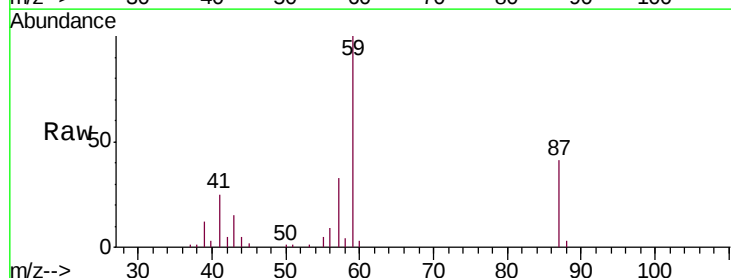
Acq: 23 Jul 2019 11:54

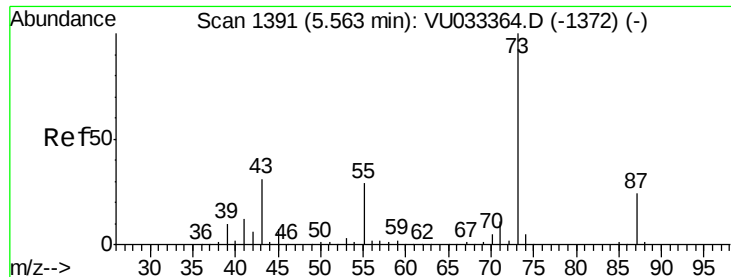
Tgt Ion: 59 Resp: 38177

Ion Ratio Lower Upper

59 100

87 40.5 33.8 50.6

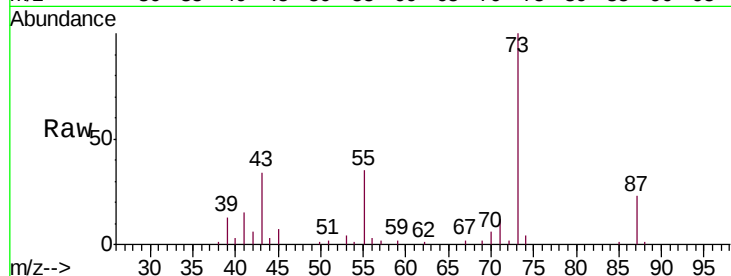




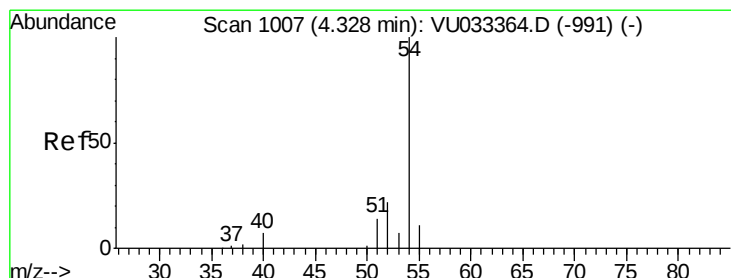
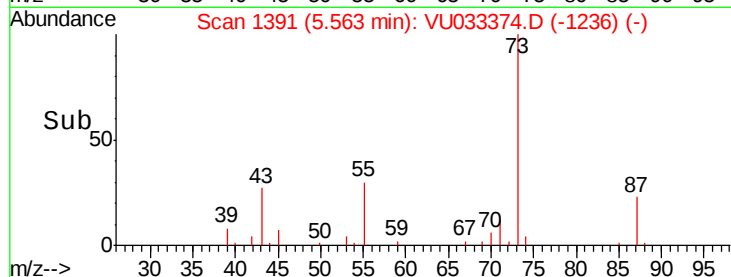
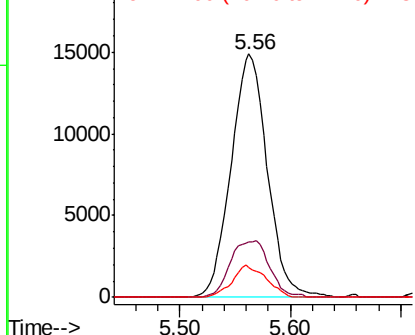
#33
Tert-Amyl methyl ether
Concen: 1.888 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

Tgt Ion: 73 Resp: 34033
Ion Ratio Lower Upper
73 100
87 25.0 18.9 28.3
71 12.2 9.3 13.9

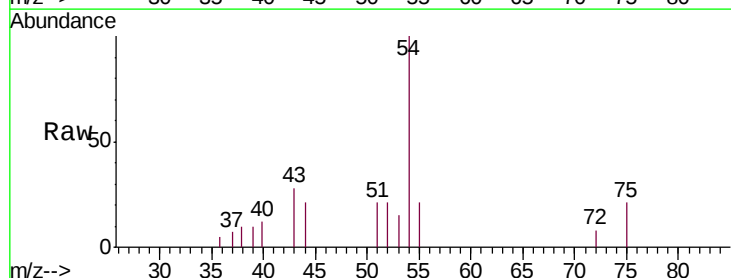


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

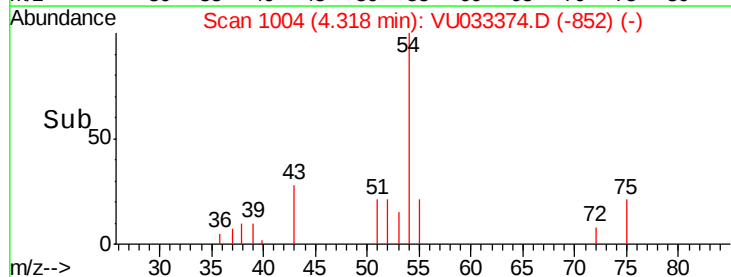
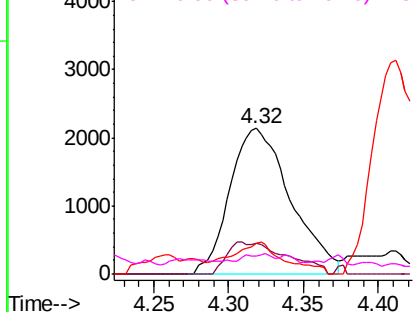


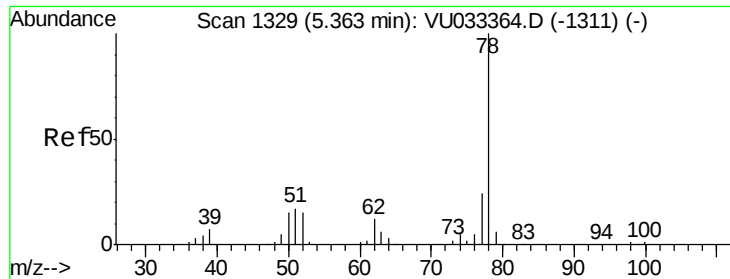
#34
Propionitrile
Concen: 8.967 ug/l
RT: 4.32 min Scan# 1004
Delta R.T. -0.01 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 54 Resp: 6054
Ion Ratio Lower Upper
54 100
52 21.6 17.1 25.7
55 19.1 11.6 17.4#
40 2.0 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: 2.023 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

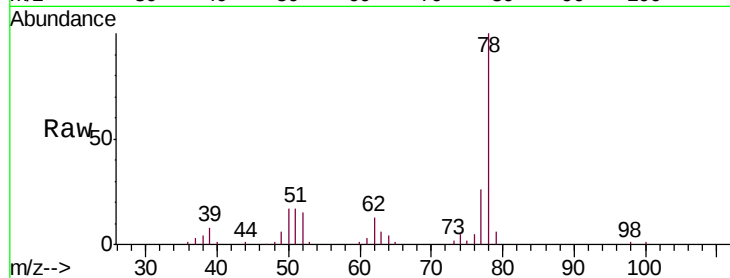
VU0723WBSD01

Tgt Ion: 78 Resp: 70396

Ion Ratio Lower Upper

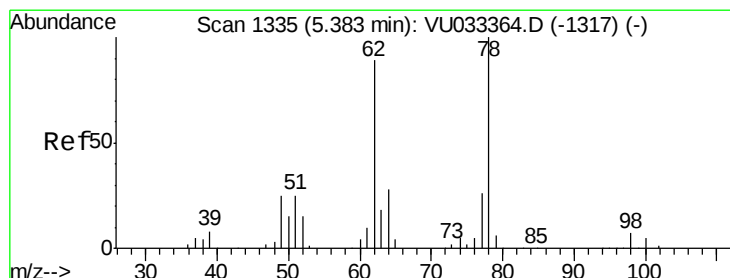
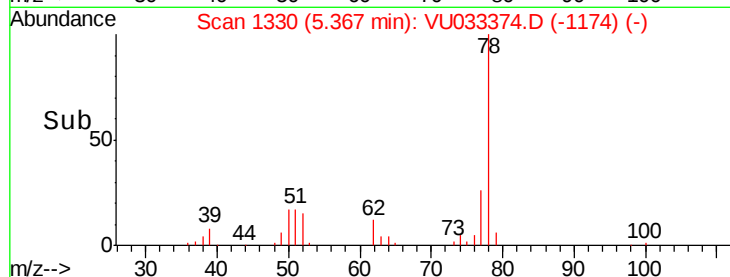
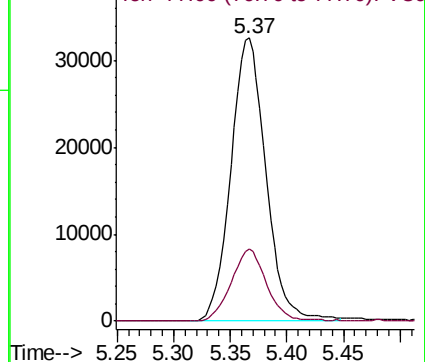
78 100

77 25.7 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.949 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033374.D

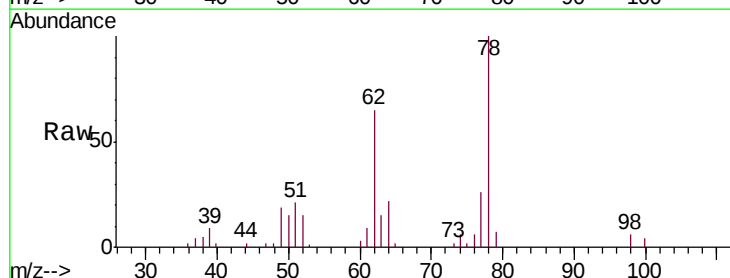
Acq: 23 Jul 2019 11:54

Tgt Ion: 62 Resp: 22569

Ion Ratio Lower Upper

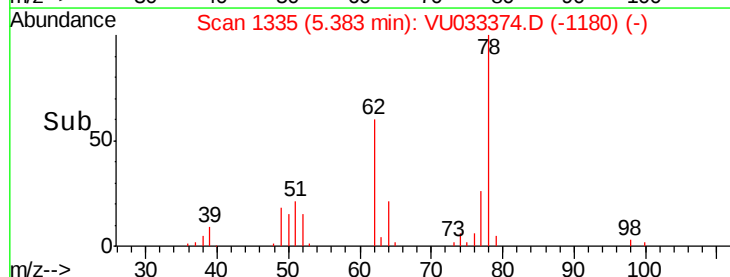
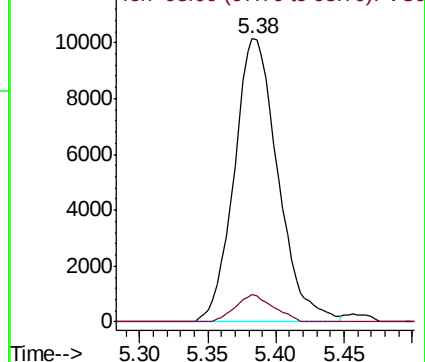
62 100

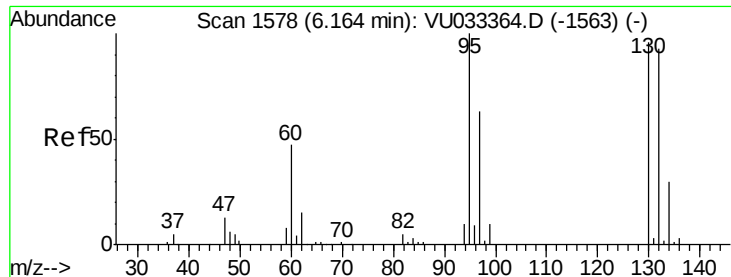
98 8.3 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

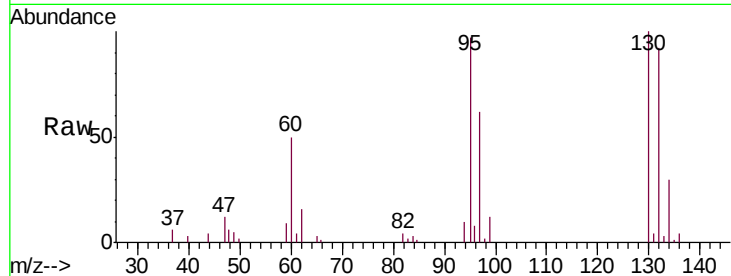




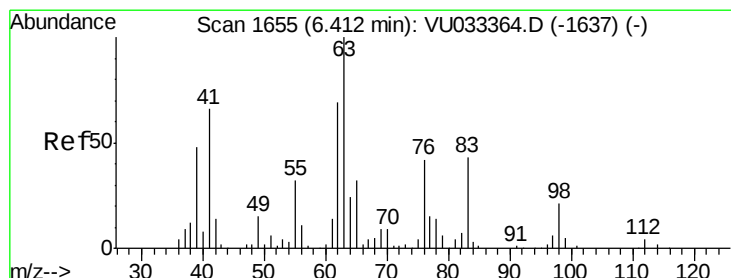
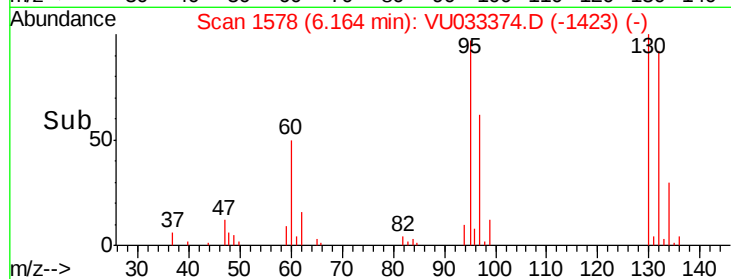
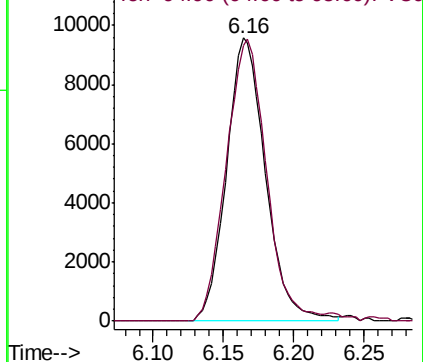
#37
 Trichloroethene
 Concen: 2.016 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

Tgt Ion: 130 Resp: 18517
 Ion Ratio Lower Upper
 130 100
 95 97.4 83.4 125.0

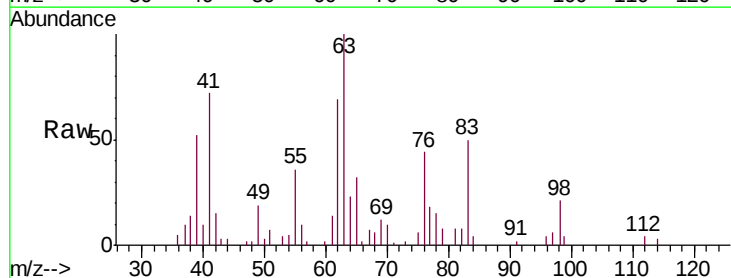


Abundance Ion 129.90 (129.60 to 130.60): VU033364.D (-1563) (-)
 Ion 94.90 (94.60 to 95.60): VU033364.D (-1563) (-)

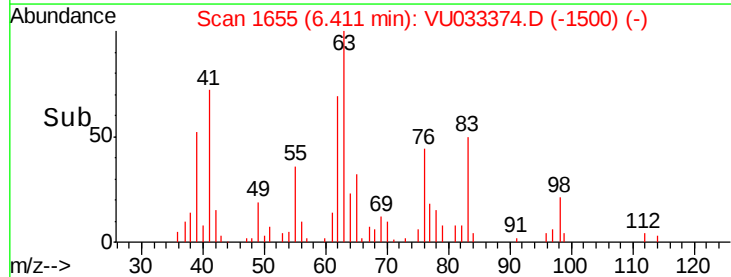
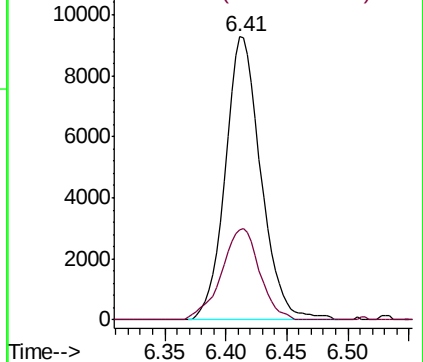


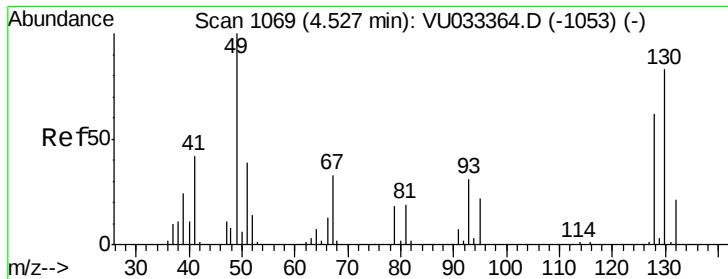
#38
 1,2-Dichloropropane
 Concen: 1.971 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion: 63 Resp: 18924
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.7 38.5



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

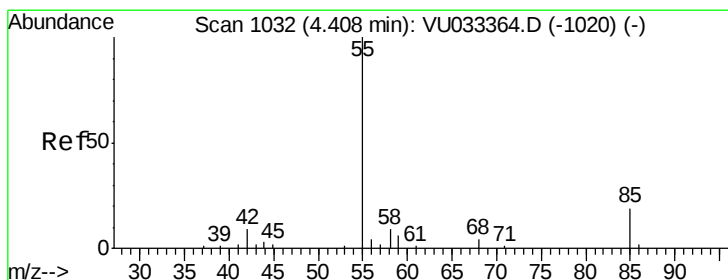
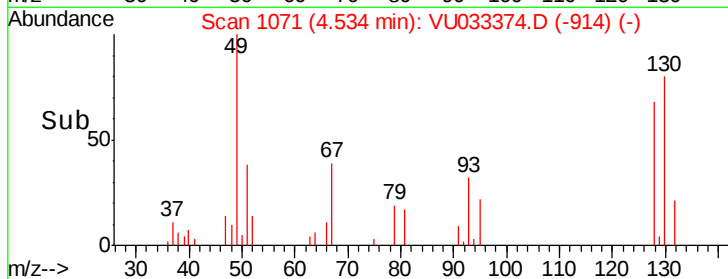
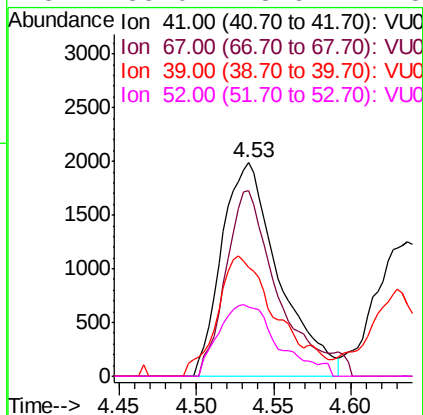
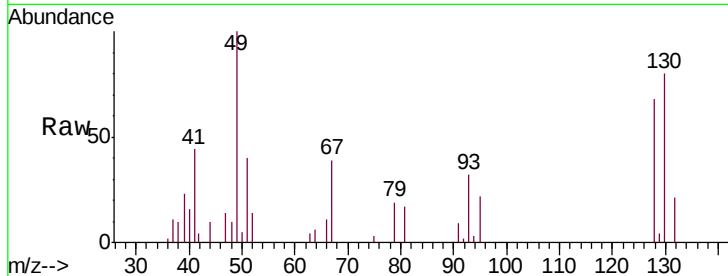




#39
Methacrylonitrile
Concen: 1.907 ug/l
RT: 4.53 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

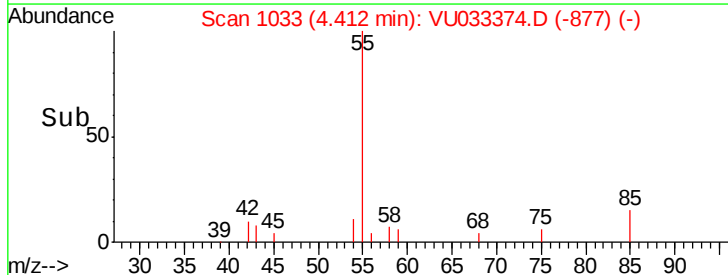
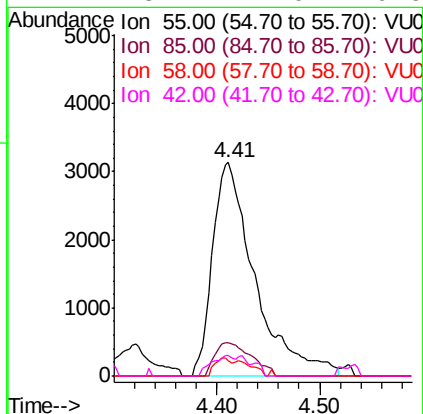
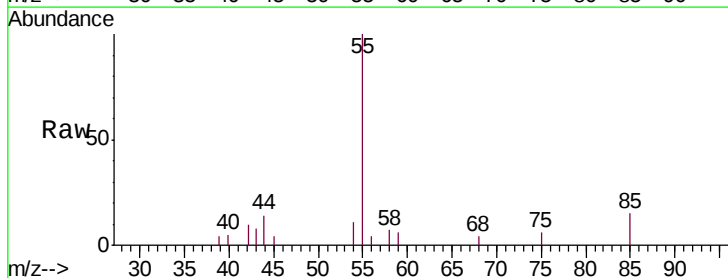
Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

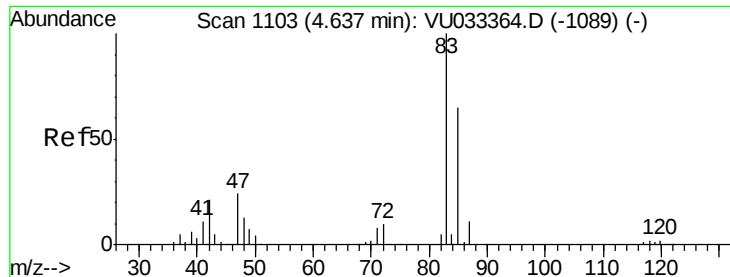
Tgt Ion:	41	Resp:	5111
Ion	Ratio	Lower	Upper
41	100		
67	79.7	64.4	96.6
39	59.6	46.8	70.2
52	35.0	28.6	42.8



#40
Methyl acrylate
Concen: 2.146 ug/l
RT: 4.41 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion:	55	Resp:	8946
Ion	Ratio	Lower	Upper
55	100		
85	13.4	14.8	22.2#
58	3.3	7.1	10.7#
42	5.2	7.0	10.6#

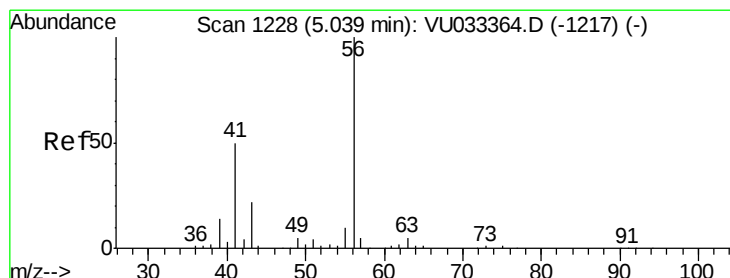
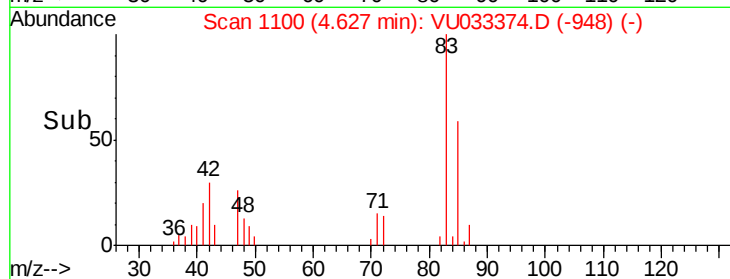
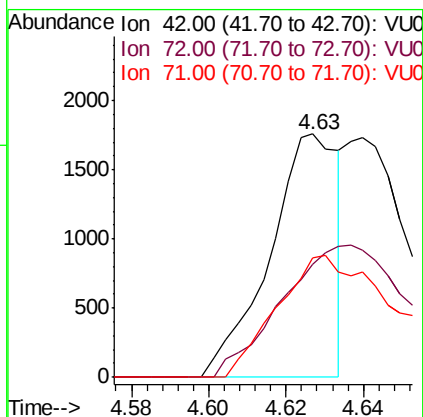
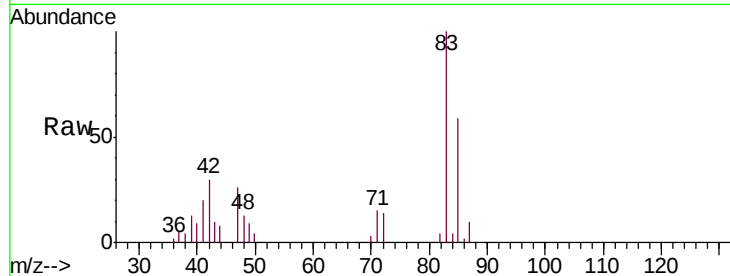




#41
Tetrahydrofuran
Concen: 1.612 ug/l
RT: 4.63 min Scan# 1100
Delta R.T. -0.01 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

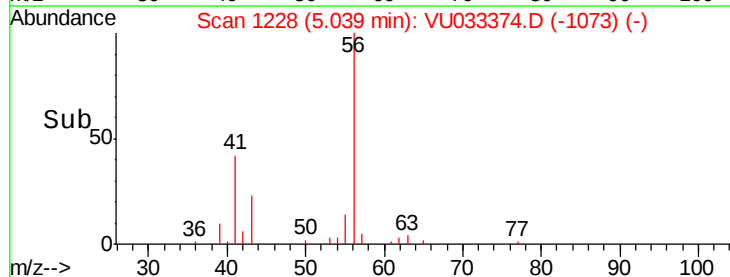
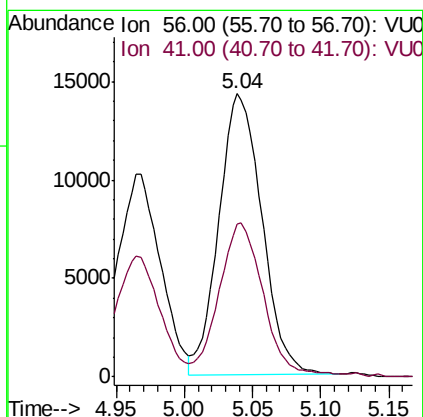
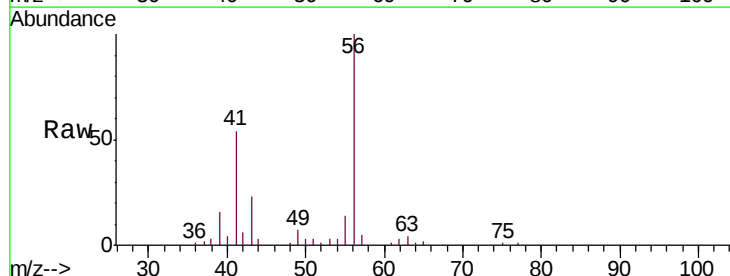
Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

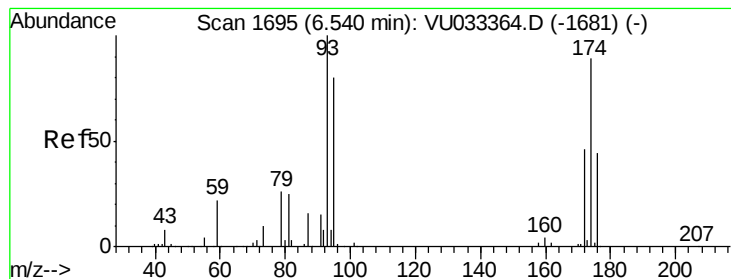
Tgt Ion: 42 Resp: 2166
Ion Ratio Lower Upper
42 100
72 109.8 38.7 58.1#
71 90.6 34.6 52.0#



#42
1-Chlorobutane
Concen: 1.934 ug/l
RT: 5.04 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 56 Resp: 31227
Ion Ratio Lower Upper
56 100
41 57.4 25.7 77.1





#43

Dibromomethane

Concen: 1.953 ug/l

RT: 6.54 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

VU0723WBSD01

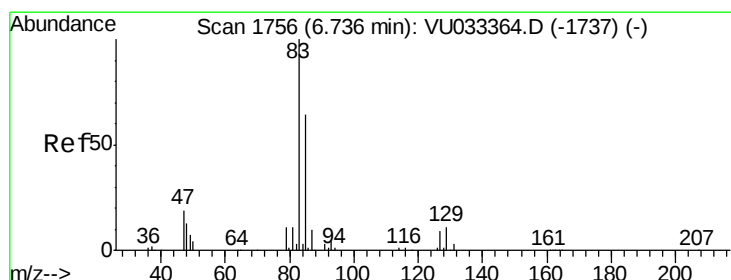
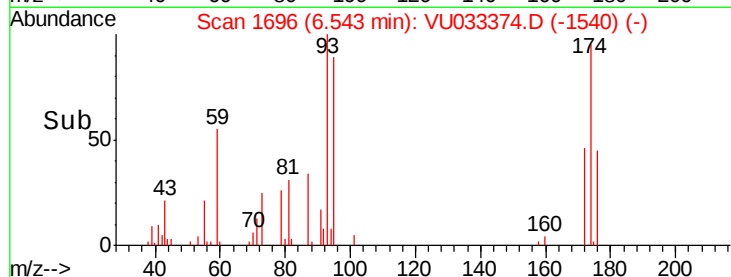
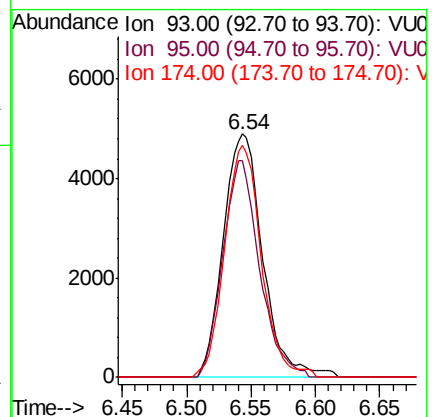
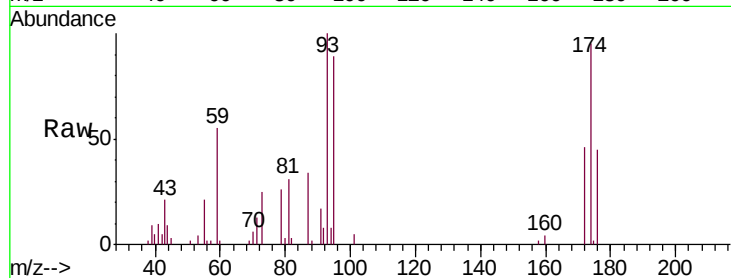
Tgt Ion: 93 Resp: 10379

Ion Ratio Lower Upper

93 100

95 83.0 65.3 97.9

174 88.9 70.7 106.1



#44

Bromodichloromethane

Concen: 1.982 ug/l

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

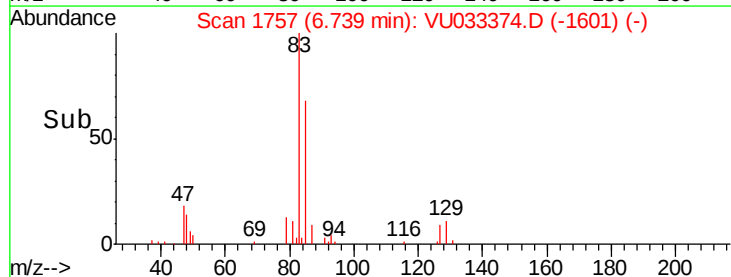
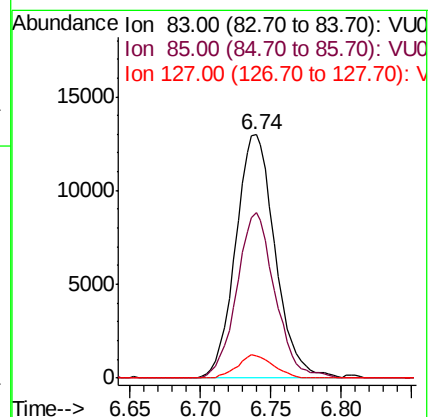
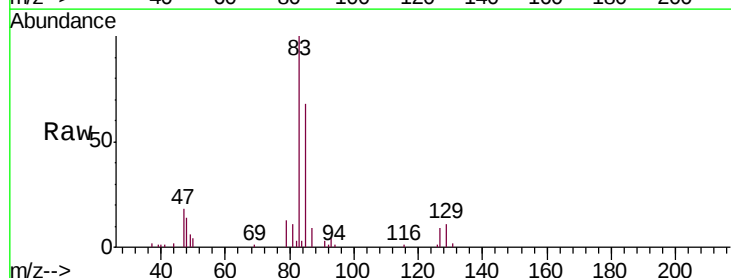
Tgt Ion: 83 Resp: 25395

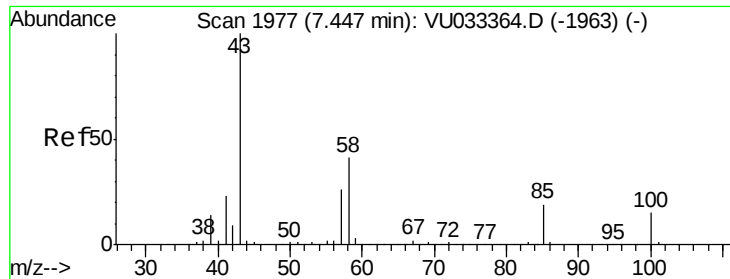
Ion Ratio Lower Upper

83 100

85 68.0 51.1 76.7

127 9.3 7.2 10.8

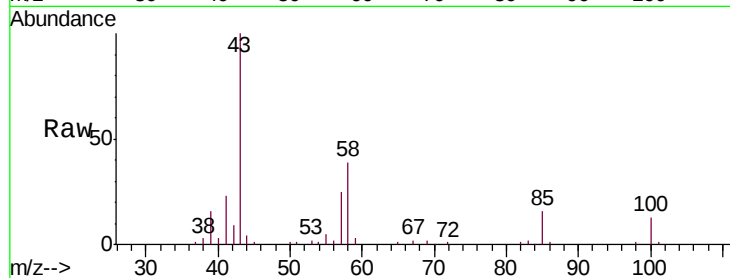




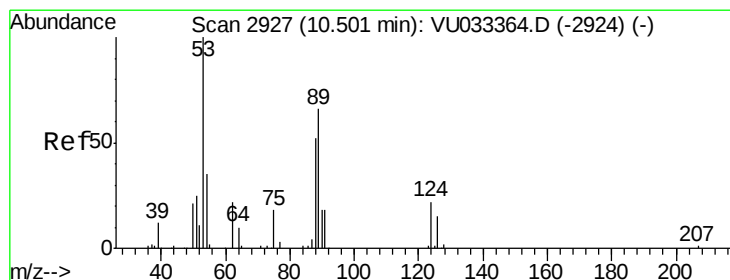
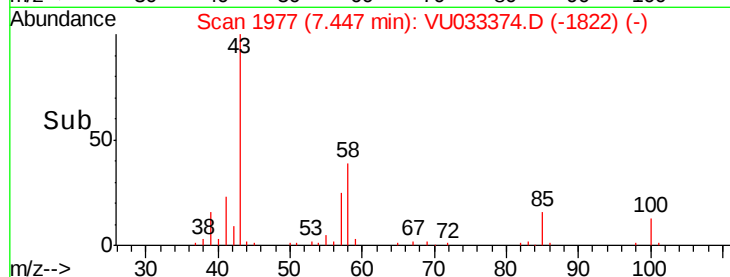
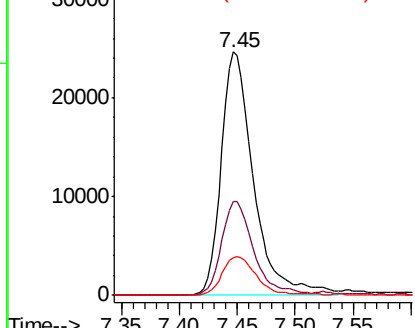
#45
4-Methyl-2-Pentanone
Concen: 8.833 ug/l
RT: 7.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

Tgt Ion: 43 Resp: 47877
Ion Ratio Lower Upper
43 100
58 38.1 20.3 60.8
85 16.6 15.0 22.6

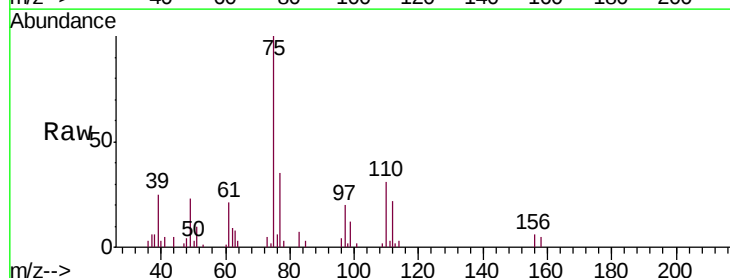


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

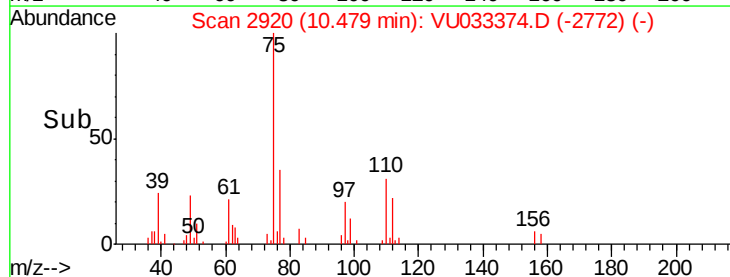
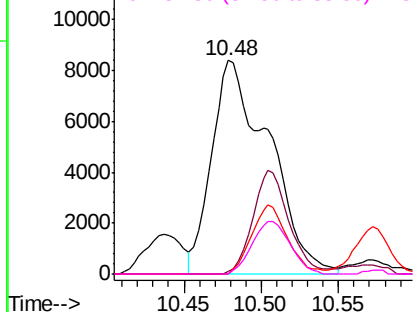


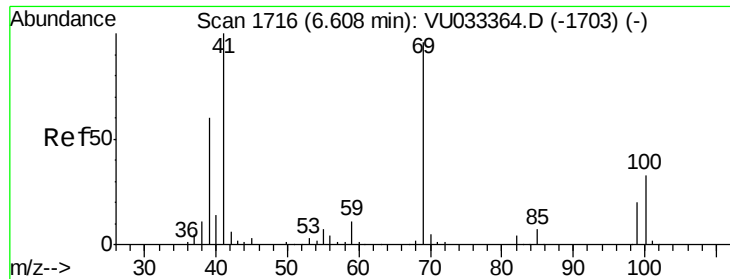
#46
t-1,4-Dichloro-2-butene
Concen: 9.905 ug/l
RT: 10.48 min Scan# 2920
Delta R.T. -0.02 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 75 Resp: 21666
Ion Ratio Lower Upper
75 100
53 30.7 62.9 94.3#
89 20.1 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

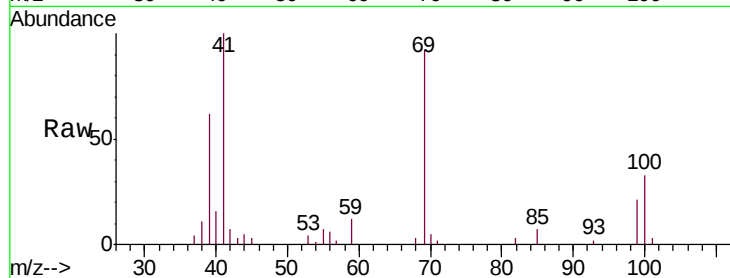




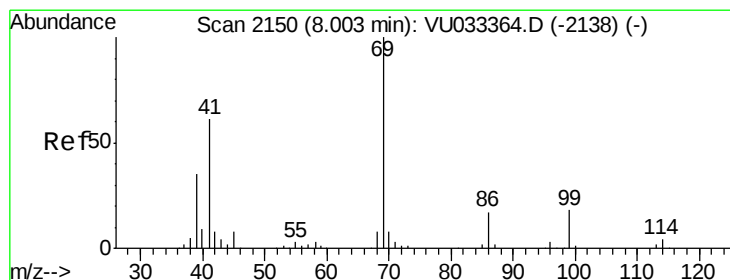
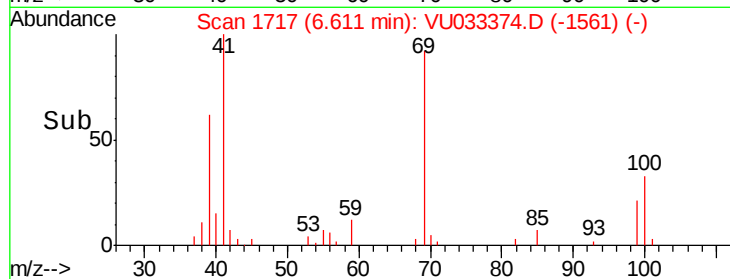
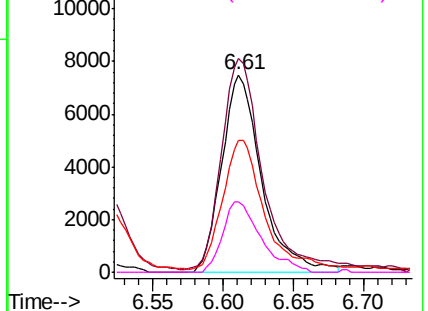
#47
Methyl methacrylate
Concen: 3.648 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

Tgt Ion: 69 Resp: 14779
Ion Ratio Lower Upper
69 100
41 117.3 0.0 208.2
39 66.8 50.6 75.8
100 34.3 27.2 40.8

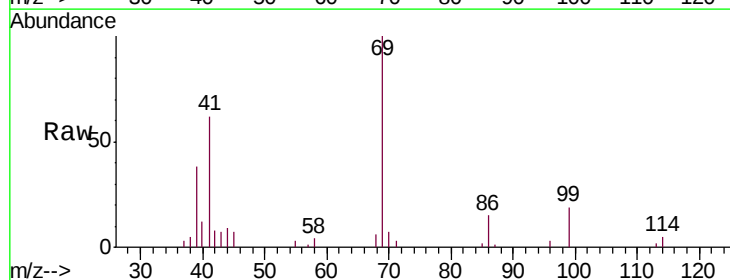


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

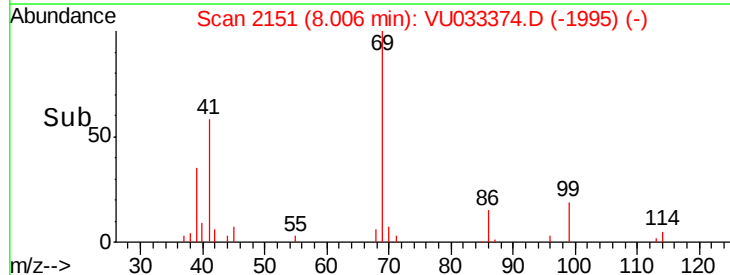
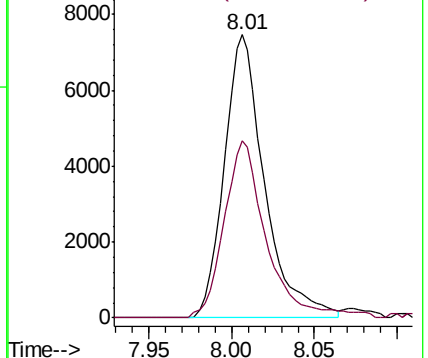


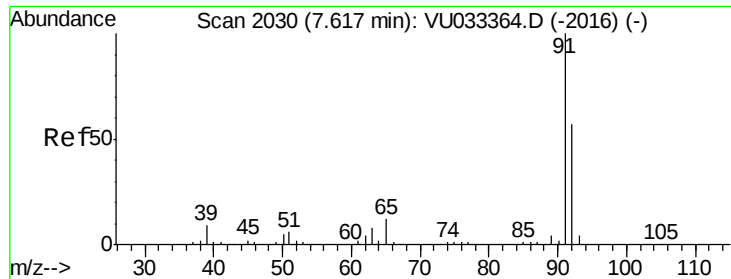
#48
Ethyl methacrylate
Concen: 1.763 ug/l
RT: 8.01 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 69 Resp: 12589
Ion Ratio Lower Upper
69 100
41 65.6 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: 2.032 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

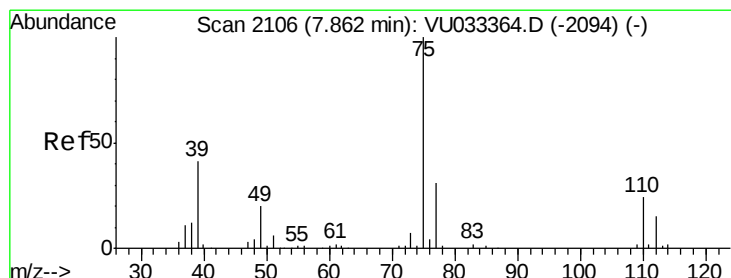
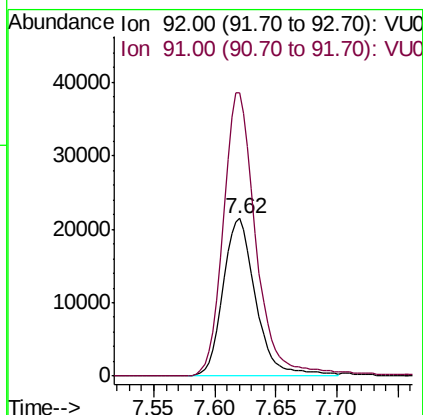
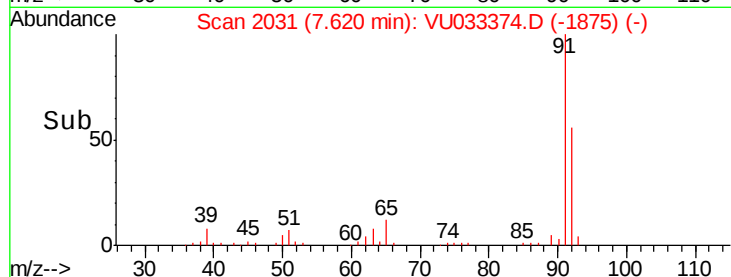
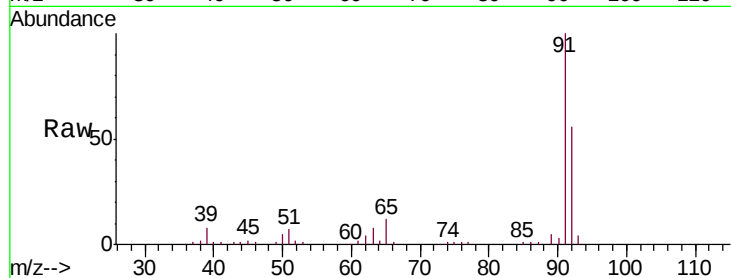
VU0723WBSD01

Tgt Ion: 92 Resp: 40491

Ion Ratio Lower Upper

92 100

91 179.7 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 1.955 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033374.D

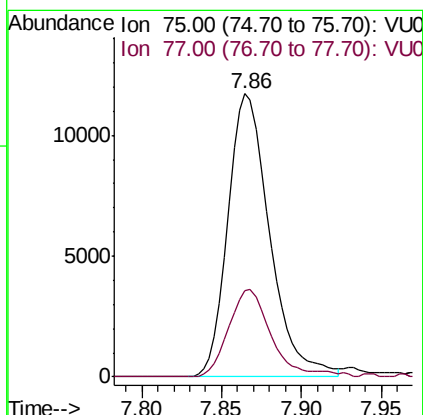
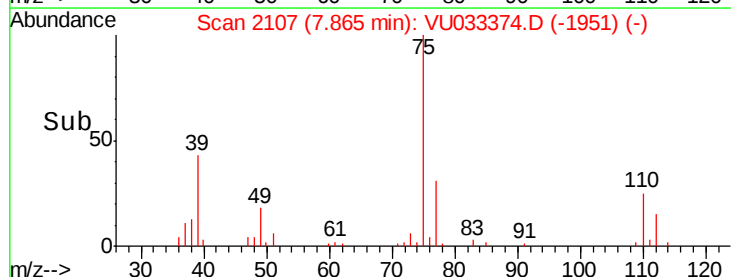
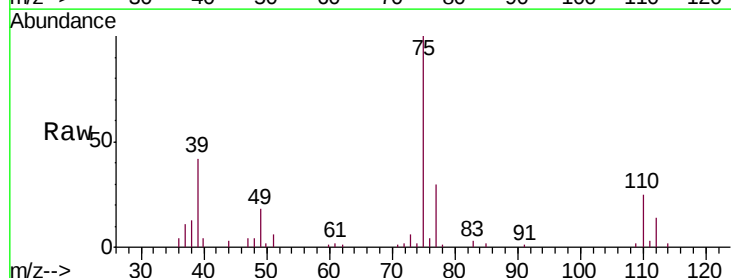
Acq: 23 Jul 2019 11:54

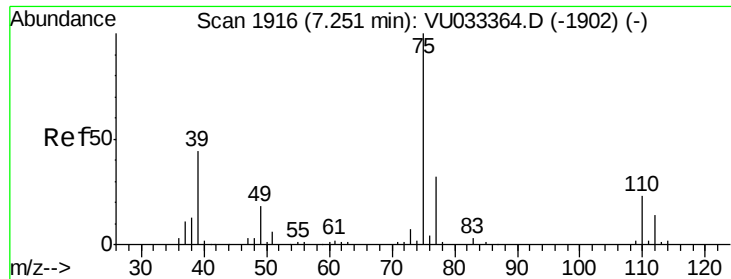
Tgt Ion: 75 Resp: 20894

Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8

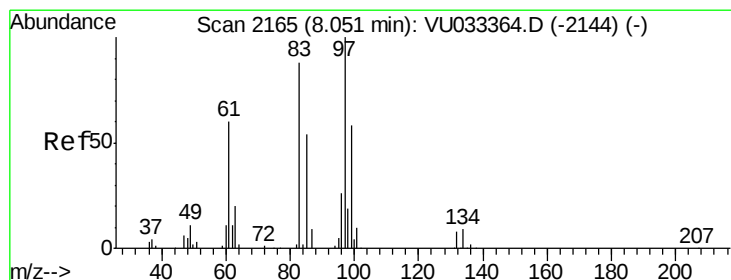
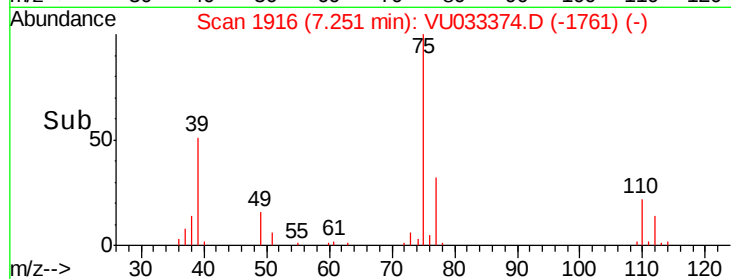
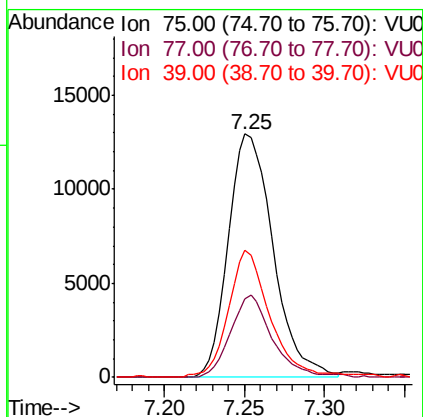
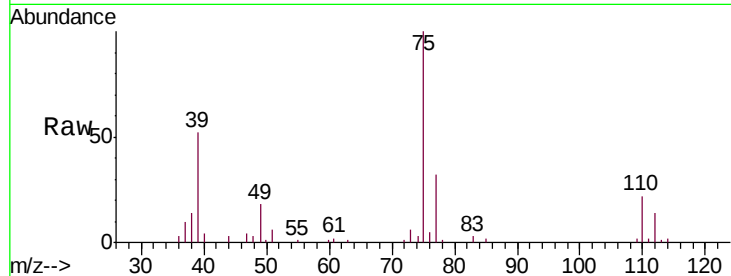




#51
 cis-1,3-Dichloropropene
 Concen: 1.967 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

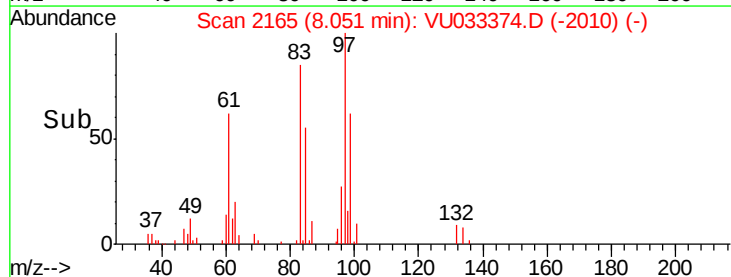
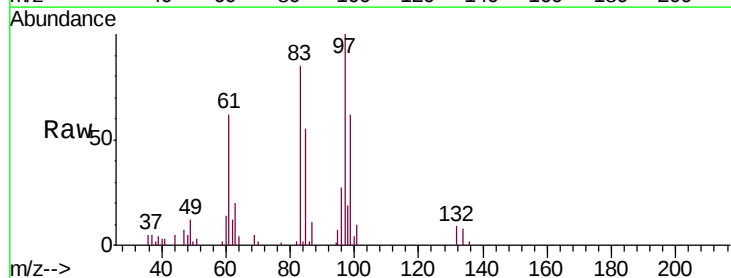
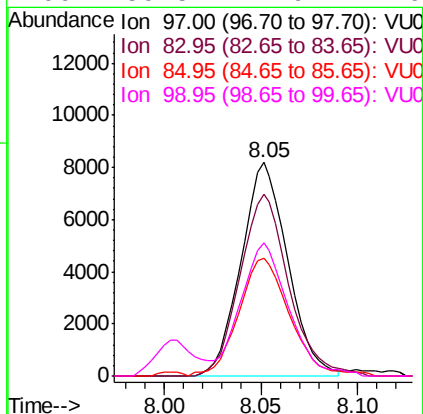
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

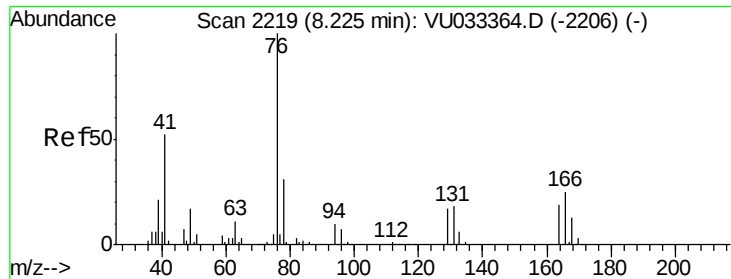
Tgt Ion: 75 Resp: 24825
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8
 39 51.0 35.2 52.8



#52
 1,1,2-Trichloroethane
 Concen: 1.935 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion: 97 Resp: 13745
 Ion Ratio Lower Upper
 97 100
 83 85.1 70.2 105.2
 85 55.2 43.5 65.3
 99 59.5 47.9 71.9

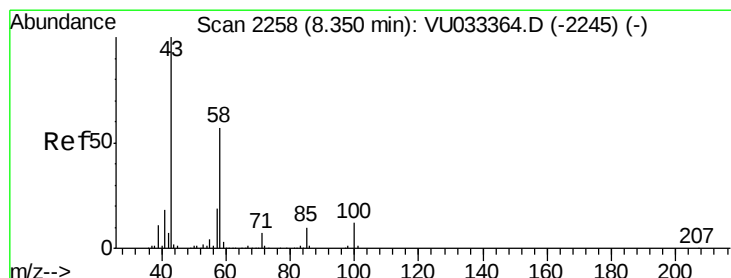
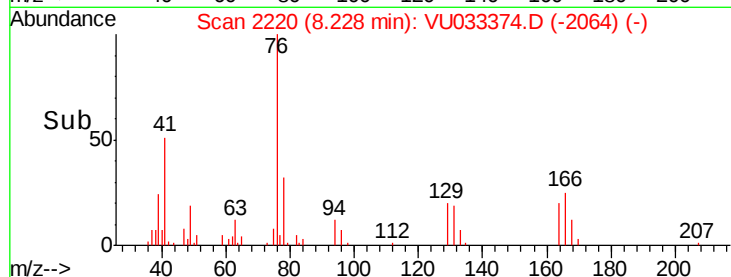
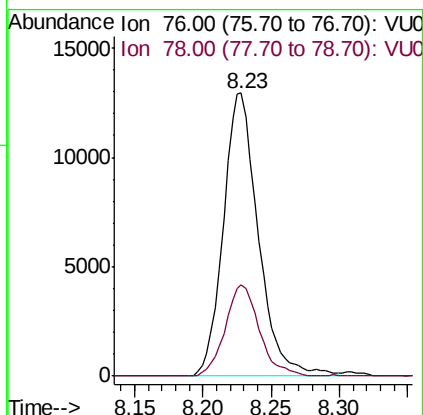
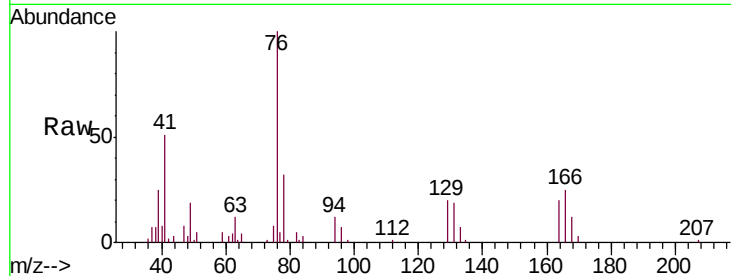




#53
 1,3-Dichloropropane
 Concen: 1.921 ug/l
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

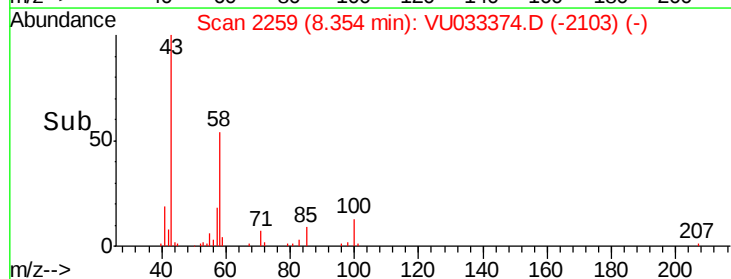
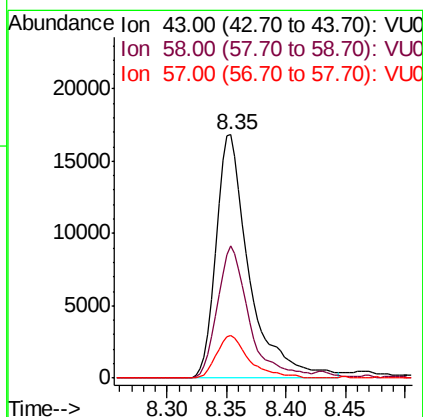
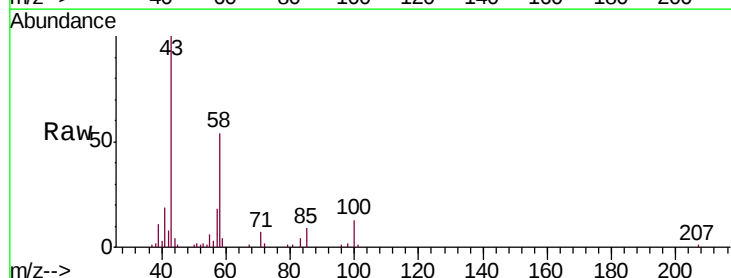
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

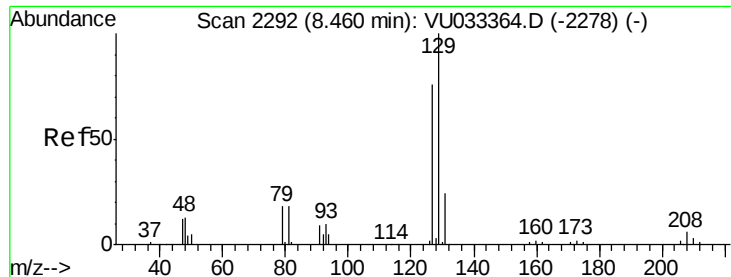
Tgt Ion: 76 Resp: 23051
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.7 38.5



#54
 2-Hexanone
 Concen: 8.562 ug/l
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion: 43 Resp: 32670
 Ion Ratio Lower Upper
 43 100
 58 51.5 36.0 76.0
 57 17.1 0.0 39.4

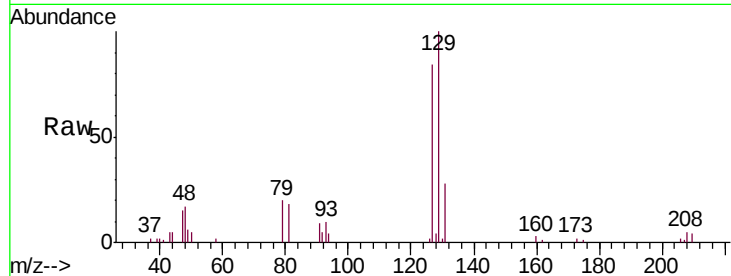




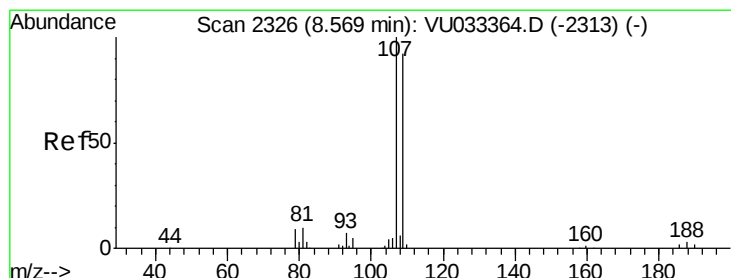
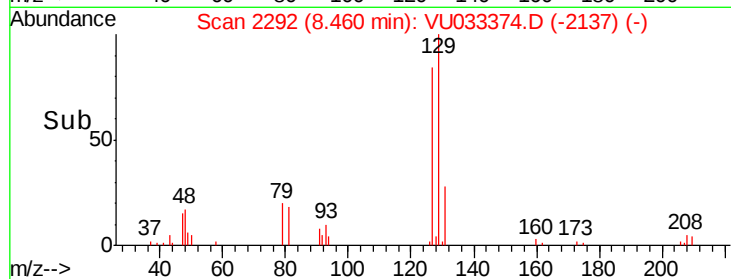
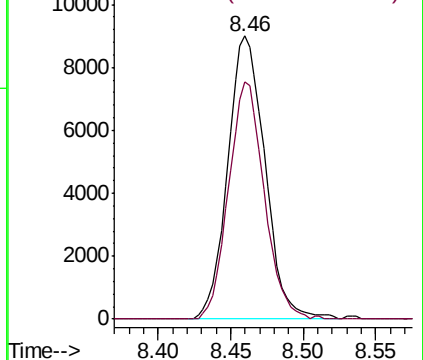
#55
 Dibromochloromethane
 Concen: 1.937 ug/l
 RT: 8.46 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

Tgt Ion:129 Resp: 16074
 Ion Ratio Lower Upper
 129 100
 127 79.9 60.9 91.3

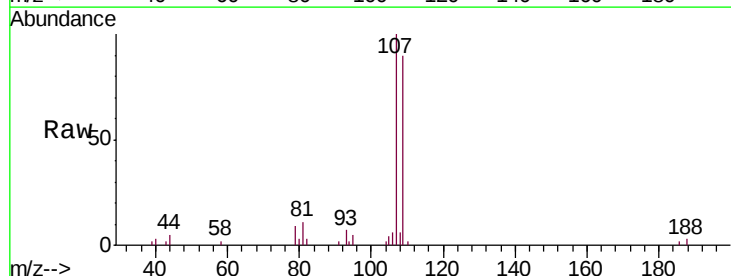


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

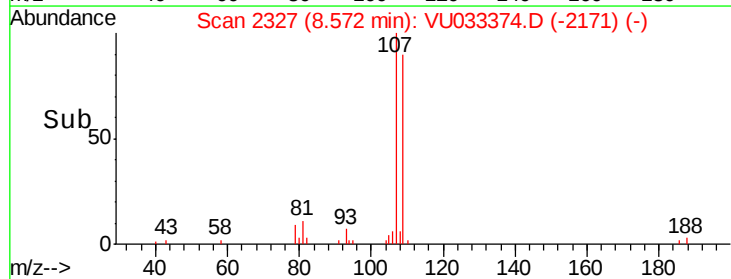
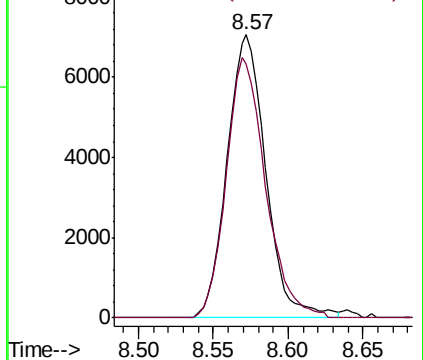


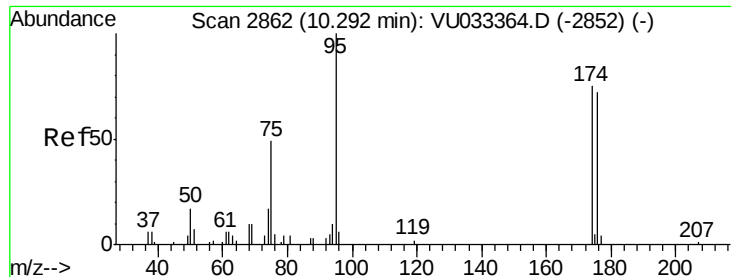
#56
 1,2-Dibromoethane
 Concen: 1.923 ug/l
 RT: 8.57 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion:107 Resp: 12731
 Ion Ratio Lower Upper
 107 100
 109 93.3 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

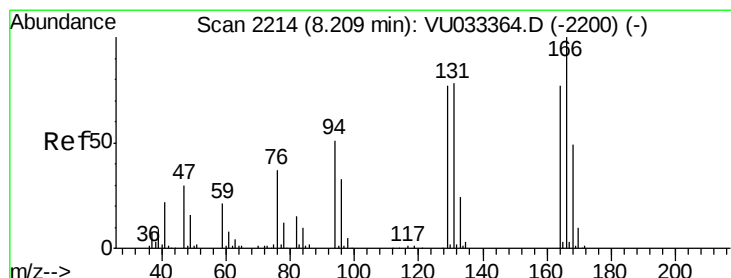
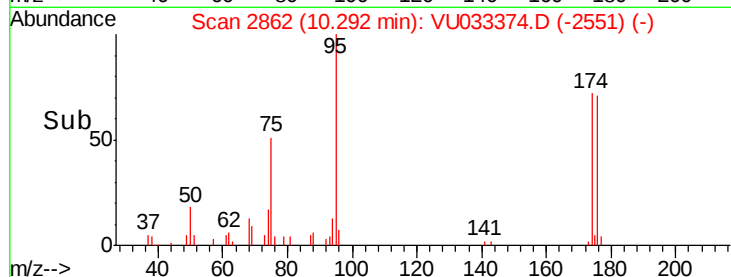
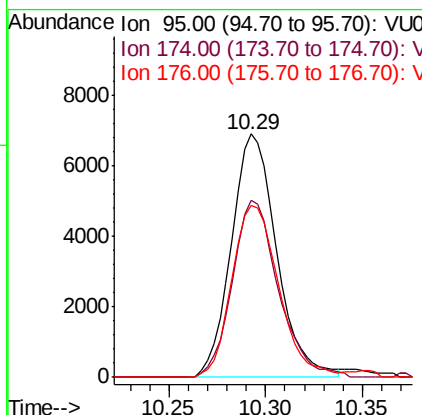
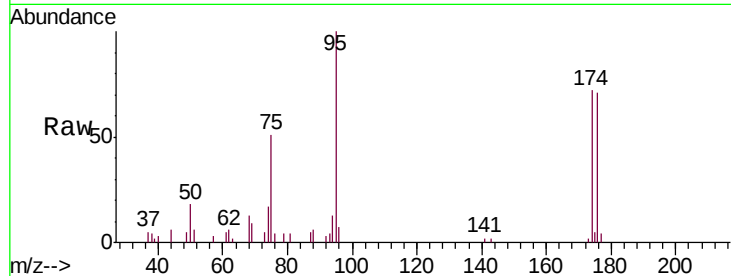




#57
4-Bromofluorobenzene
Concen: 0.985 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

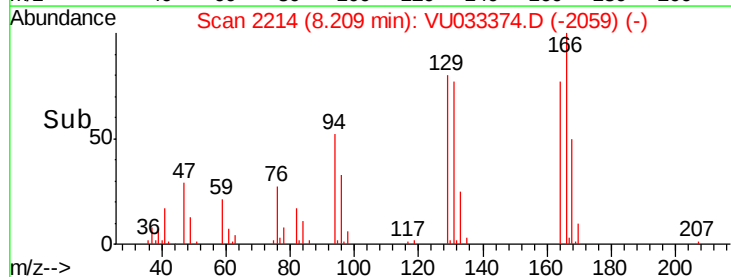
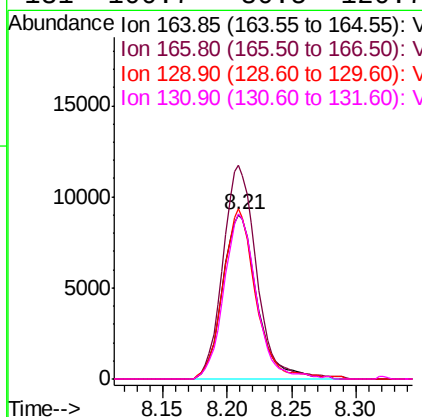
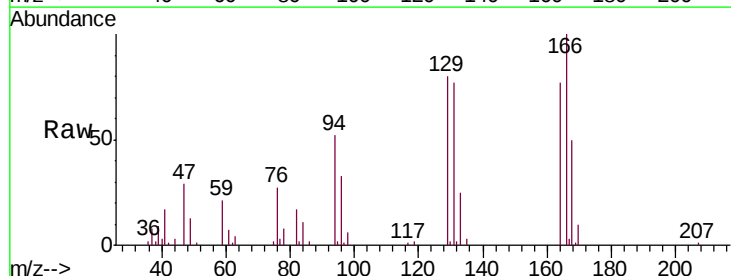
Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

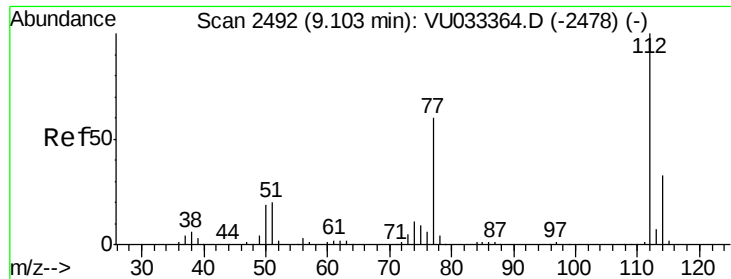
Tgt Ion: 95 Resp: 11264
Ion Ratio Lower Upper
95 100
174 73.5 58.8 88.2
176 73.1 54.4 81.6



#58
Tetrachloroethene
Concen: 2.004 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion: 164 Resp: 16687
Ion Ratio Lower Upper
164 100
166 130.4 103.8 155.6
129 104.1 79.7 119.5
131 100.7 80.5 120.7





#59

Chlorobenzene

Concen: 1.987 ug/l

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

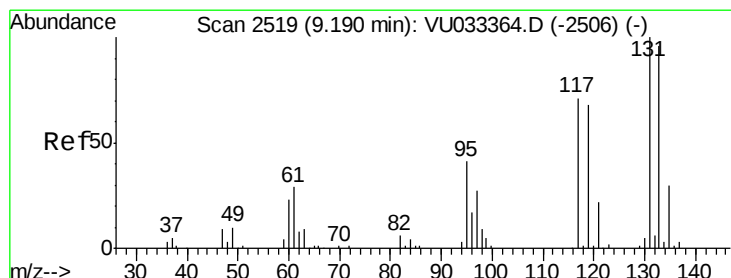
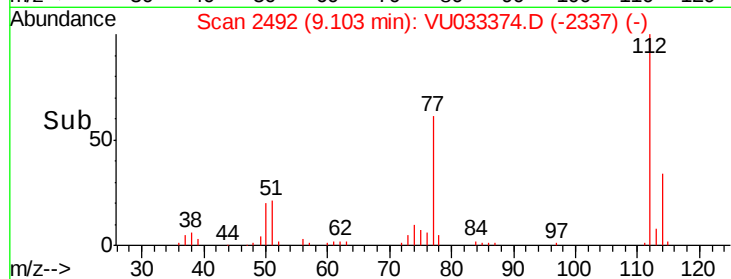
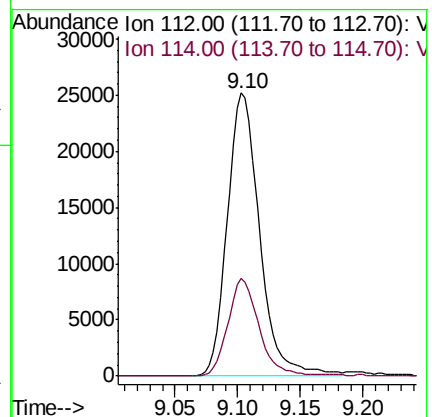
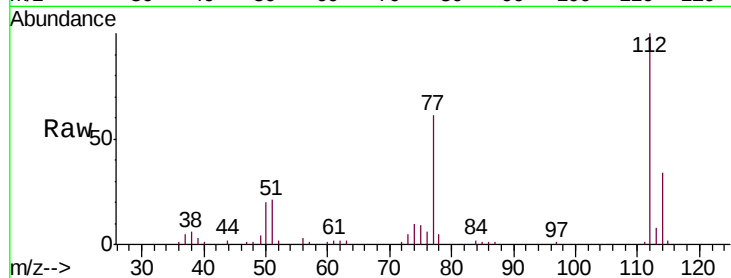
VU0723WBSD01

Tgt Ion:112 Resp: 45394

Ion Ratio Lower Upper

112 100

114 34.4 26.4 39.6



#60

1,1,1,2-Tetrachloroethane

Concen: 2.013 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

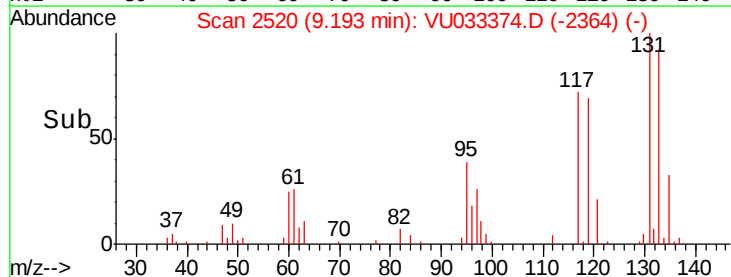
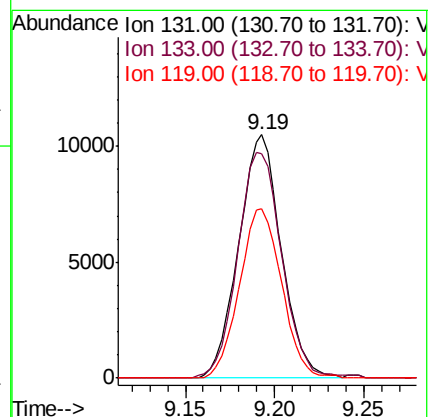
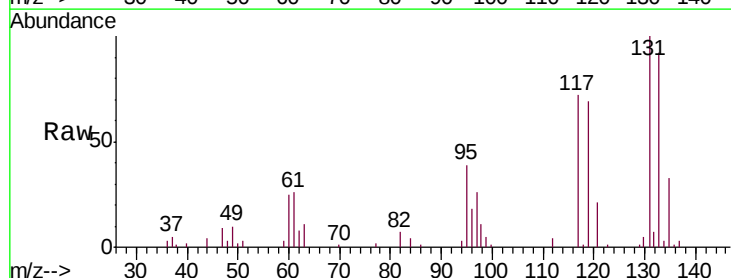
Tgt Ion:131 Resp: 17465

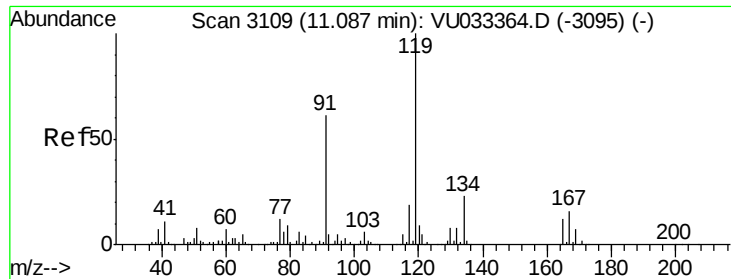
Ion Ratio Lower Upper

131 100

133 96.5 76.2 114.4

119 69.2 54.9 82.3





#61

Pentachloroethane

Concen: 2.125 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

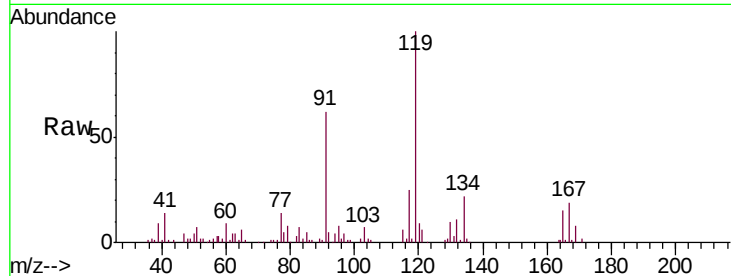
VU0723WBSD01

Tgt Ion:117 Resp: 15134

Ion Ratio Lower Upper

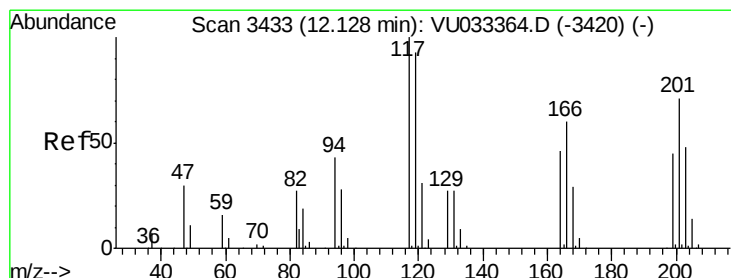
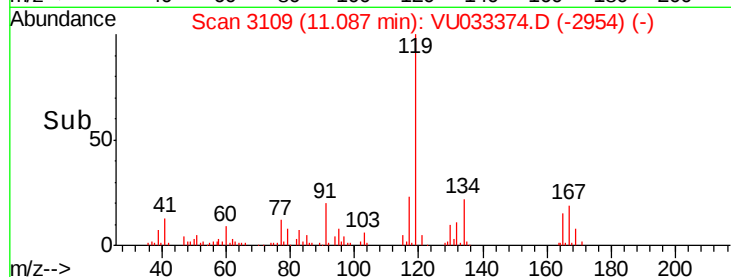
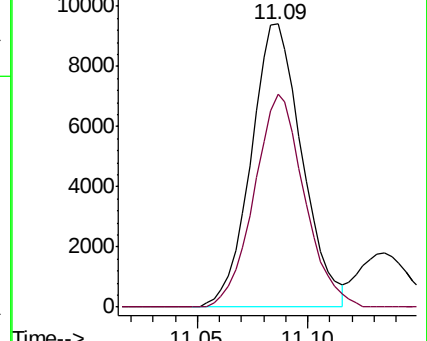
117 100

167 73.8 63.4 95.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 2.049 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VU033374.D

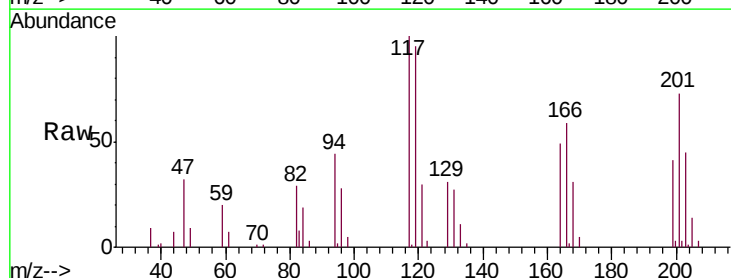
Acq: 23 Jul 2019 11:54

Tgt Ion:117 Resp: 14116

Ion Ratio Lower Upper

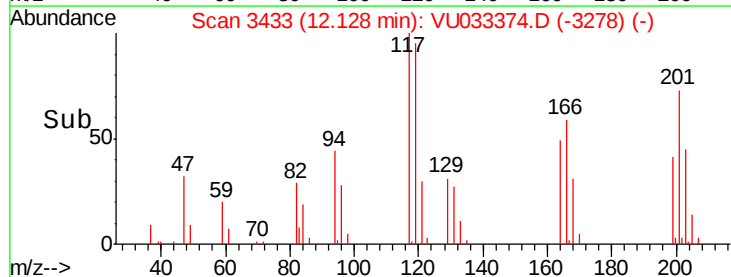
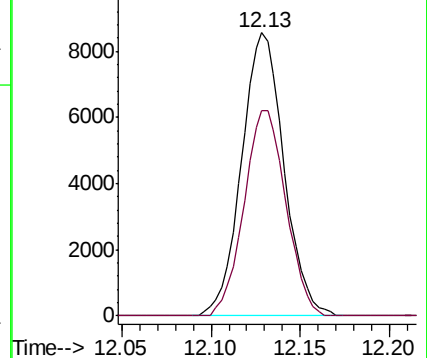
117 100

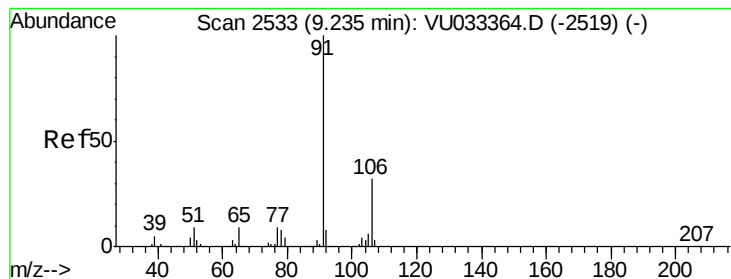
201 71.7 57.9 86.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.933 ug/l

RT: 9.23 min Scan# 2533

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

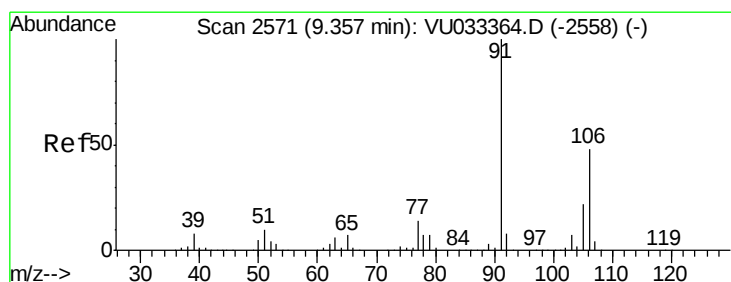
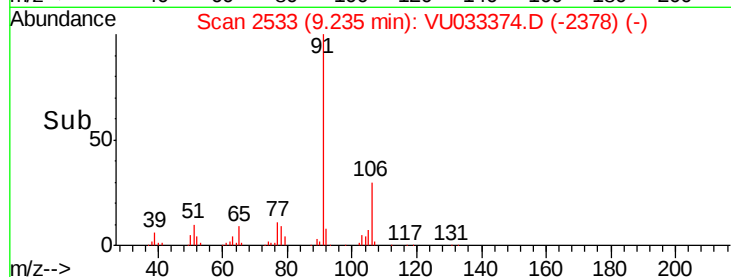
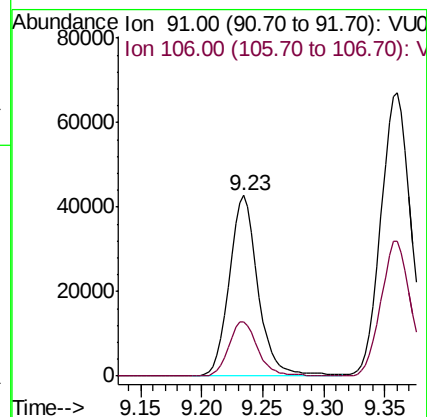
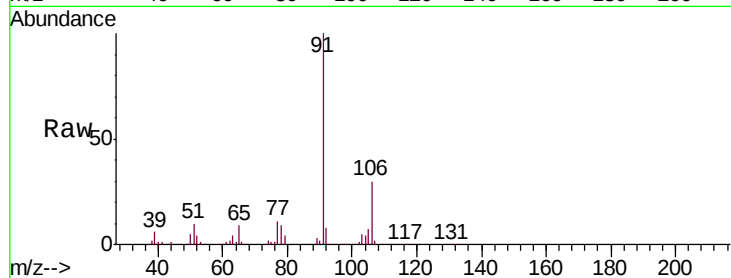
VU0723WBSD01

Tgt Ion: 91 Resp: 70939

Ion Ratio Lower Upper

91 100

106 30.3 25.4 38.2



#64

m/p-Xylenes

Concen: 3.816 ug/l

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033374.D

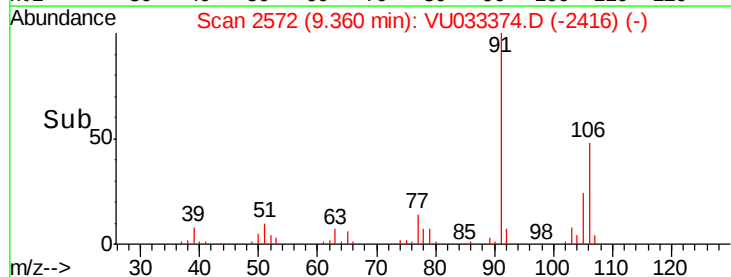
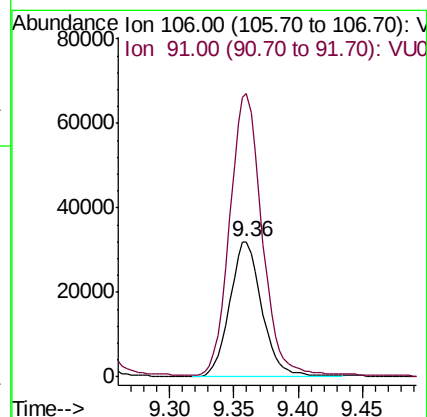
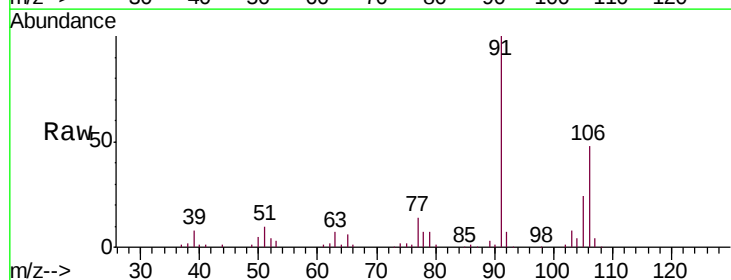
Acq: 23 Jul 2019 11:54

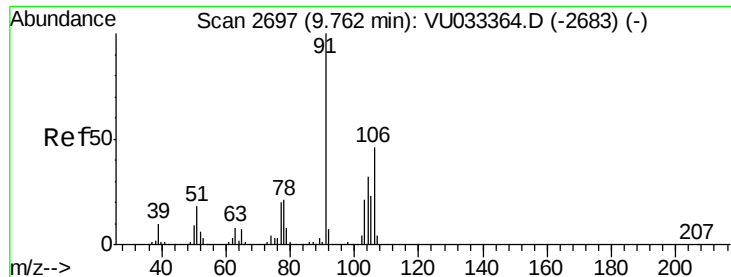
Tgt Ion: 106 Resp: 55989

Ion Ratio Lower Upper

106 100

91 205.4 167.1 250.7





#65

o-Xylene

Concen: 1.956 ug/l

RT: 9.76 min Scan# 2697

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

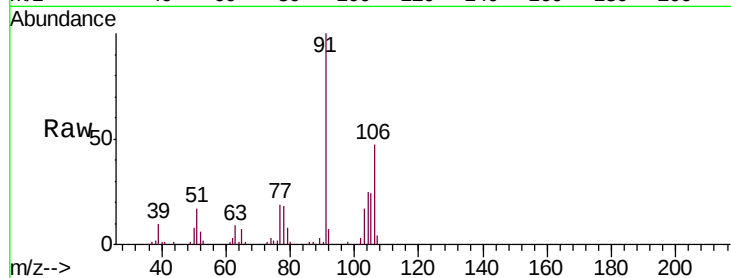
VU0723WBSD01

Tgt Ion:106 Resp: 27504

Ion Ratio Lower Upper

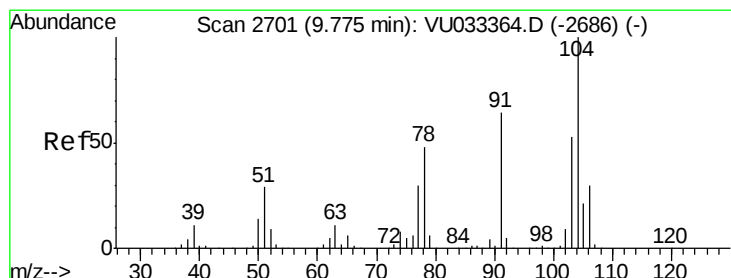
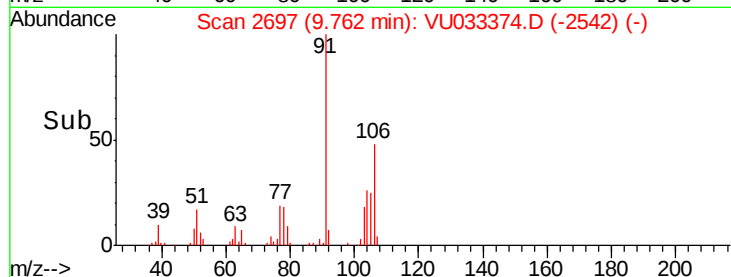
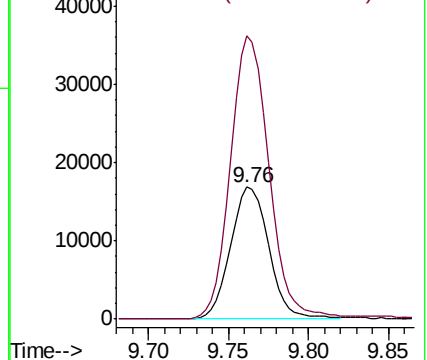
106 100

91 216.7 108.5 325.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.894 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

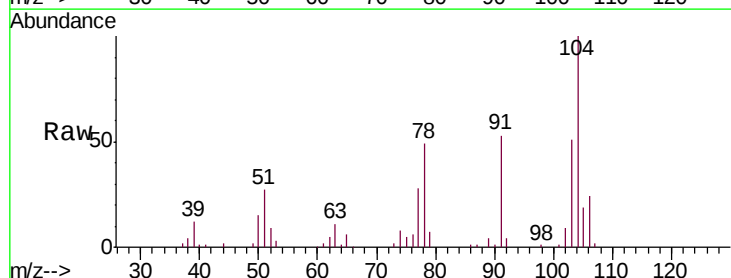
Tgt Ion:104 Resp: 45166

Ion Ratio Lower Upper

104 100

78 52.8 41.2 61.8

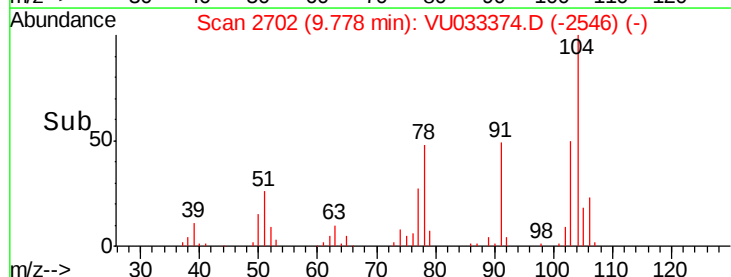
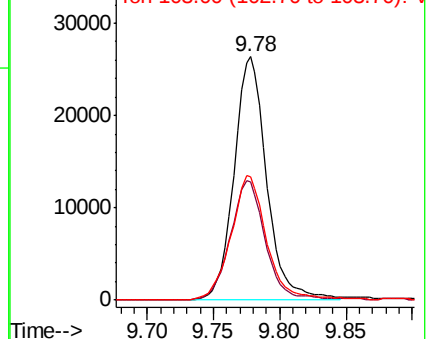
103 56.4 44.7 67.1

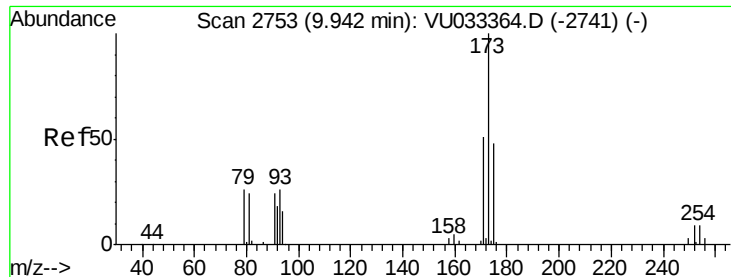


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.930 ug/l

RT: 9.94 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

VU0723WBSD01

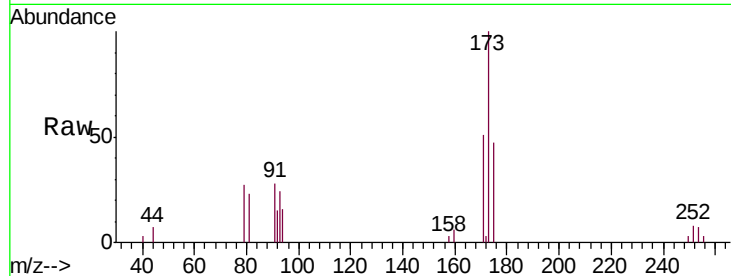
Tgt Ion:173 Resp: 8665

Ion Ratio Lower Upper

173 100

175 46.9 38.6 58.0

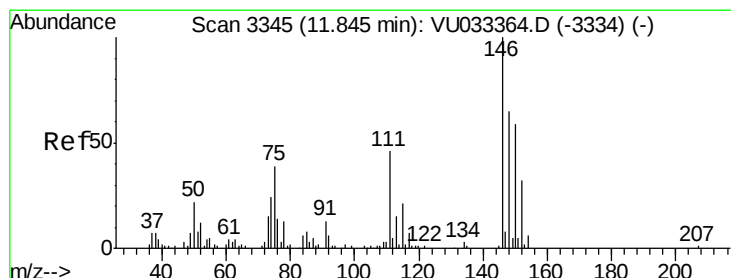
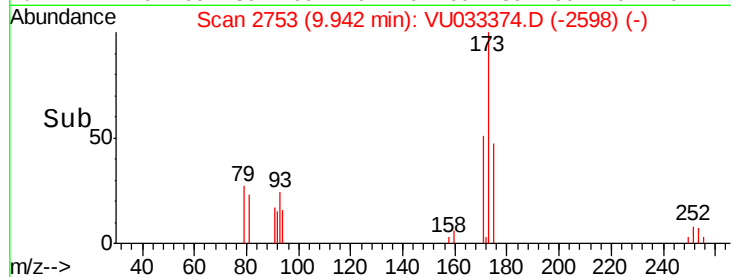
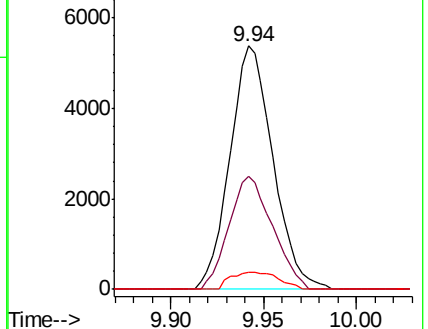
254 7.8 6.8 10.2



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: 0.954 ug/l

RT: 11.85 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

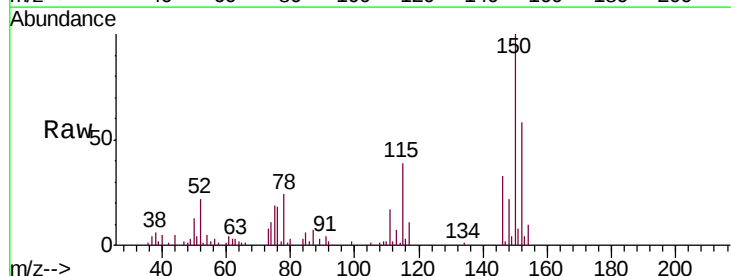
Tgt Ion:152 Resp: 11265

Ion Ratio Lower Upper

152 100

115 70.3 0.0 123.2

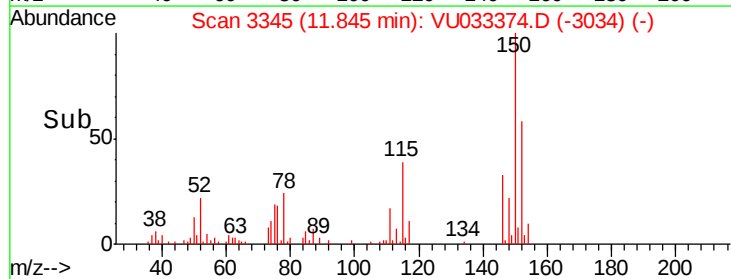
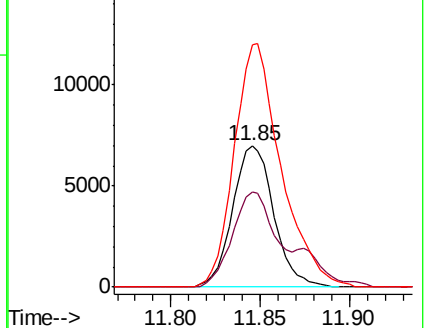
150 195.5 0.0 648.4

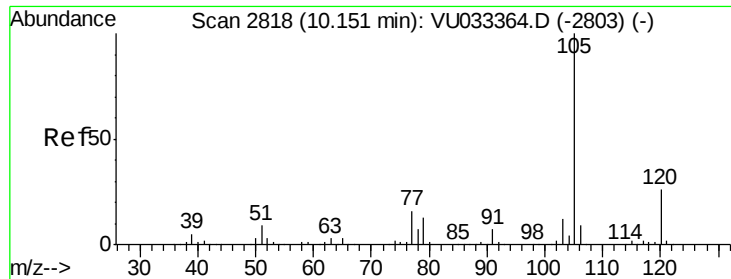


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.977 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

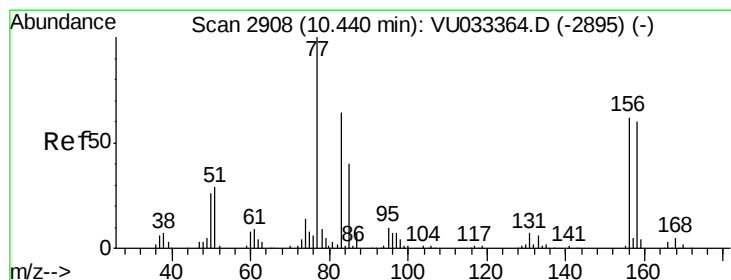
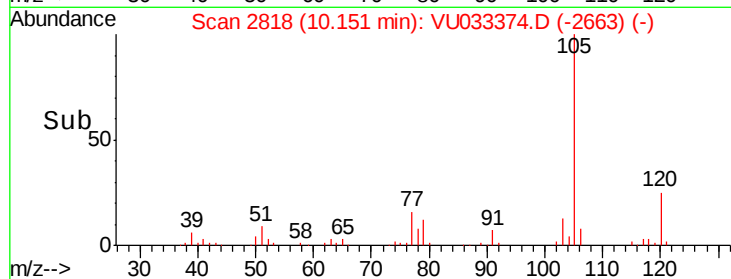
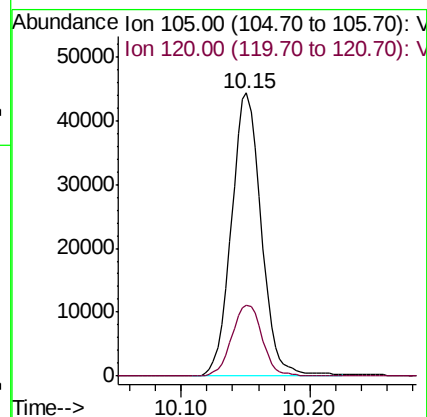
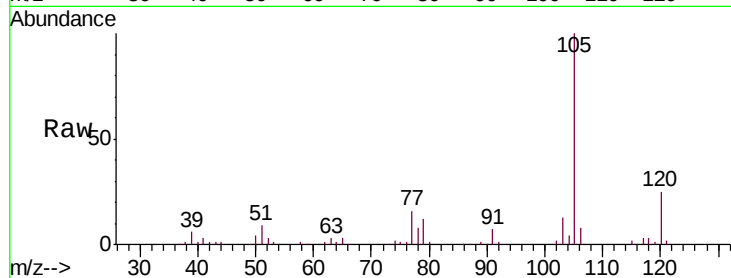
VU0723WBSD01

Tgt Ion:105 Resp: 71276

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1



#70

1,1,2,2-Tetrachloroethane

Concen: 1.966 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

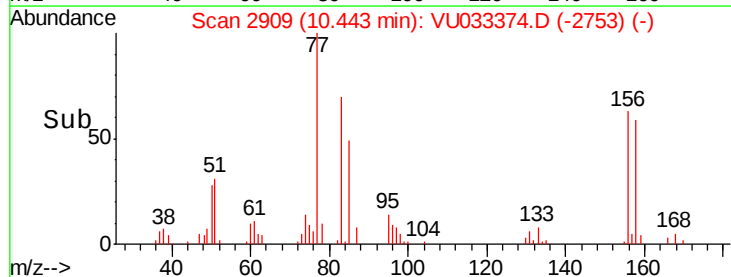
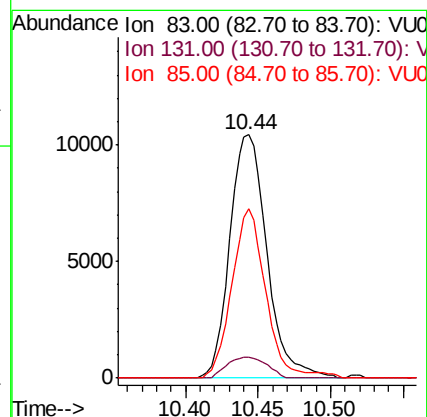
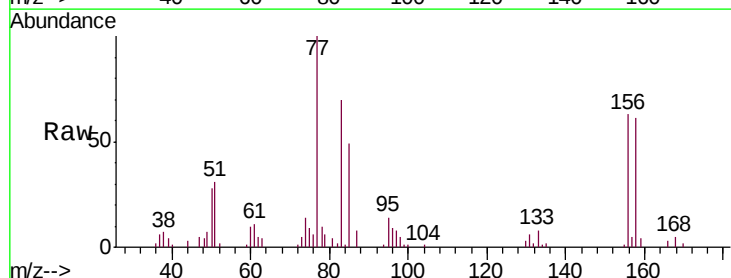
Tgt Ion: 83 Resp: 18509

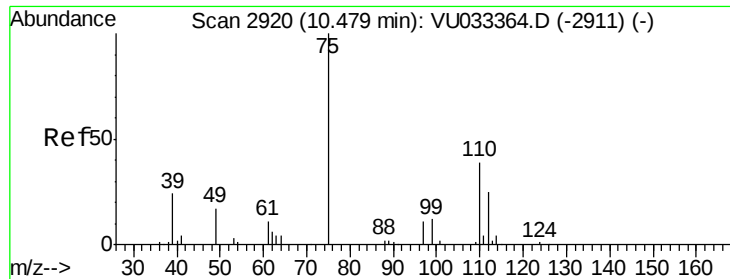
Ion Ratio Lower Upper

83 100

131 9.2 8.0 12.0

85 62.6 51.8 77.8

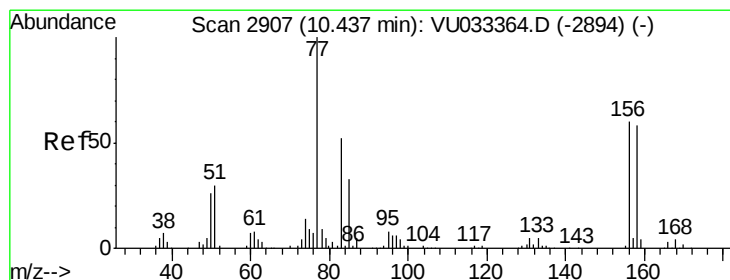
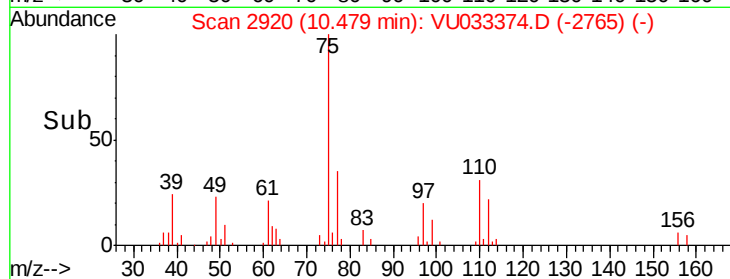
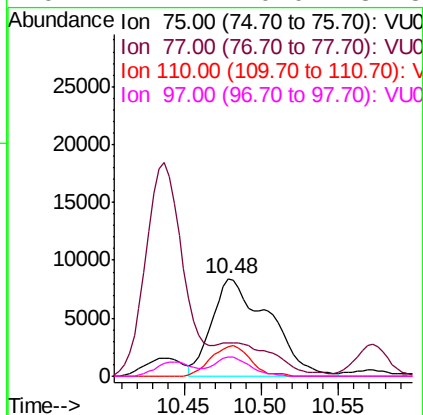
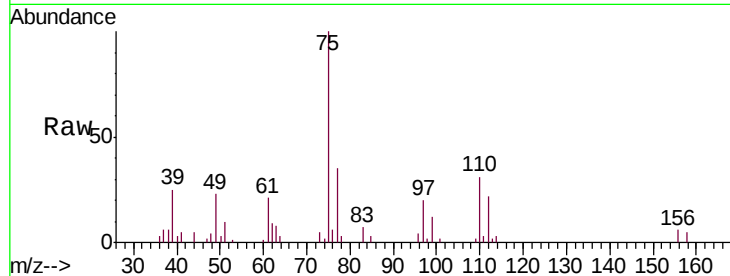




#71
 1,2,3-Trichloropropane
 Concen: 2.981 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

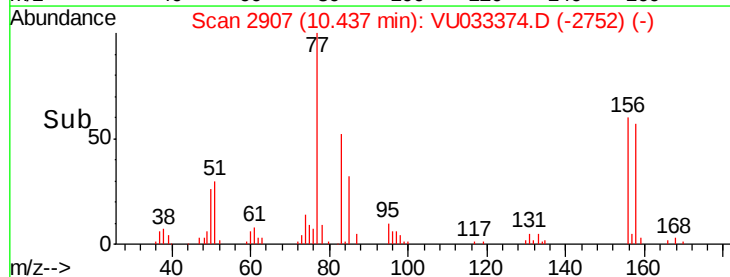
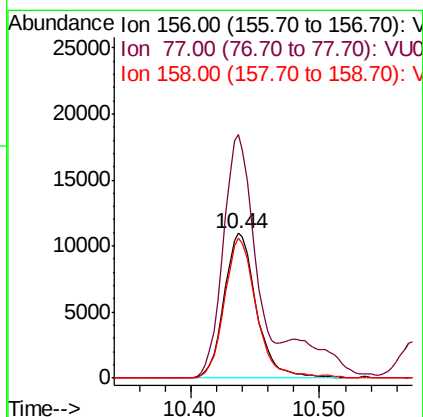
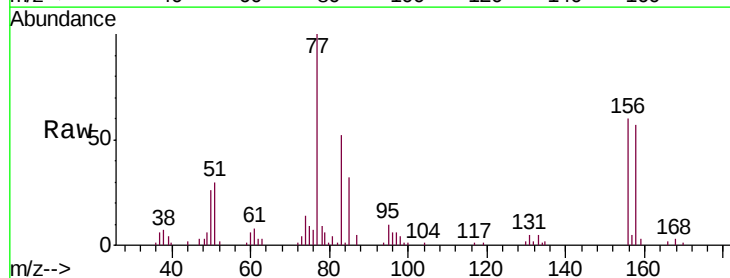
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

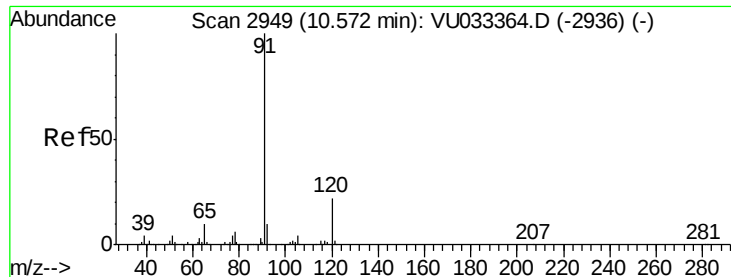
Tgt Ion:	75	Resp:	21666
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	18.2
110	21.8	0.0	71.4
97	12.4	0.0	37.8



#72
 Bromobenzene
 Concen: 1.997 ug/l
 RT: 10.44 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion:	156	Resp:	19016
Ion	Ratio	Lower	Upper
156	100		
77	162.8	0.0	324.4
158	95.0	0.0	192.4





#73

n-propylbenzene

Concen: 1.916 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

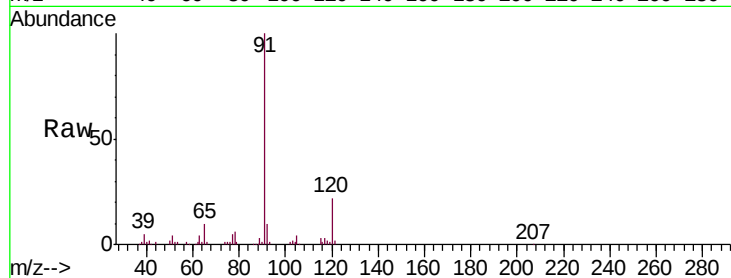
VU0723WBSD01

Tgt Ion:120 Resp: 19683

Ion Ratio Lower Upper

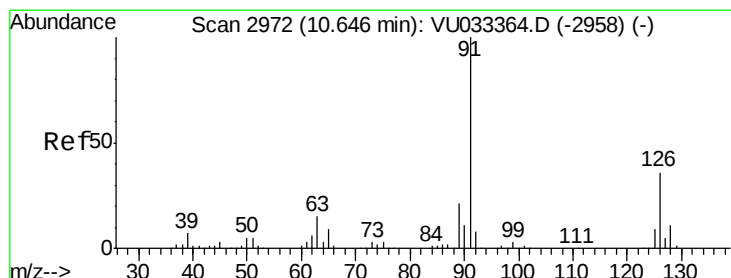
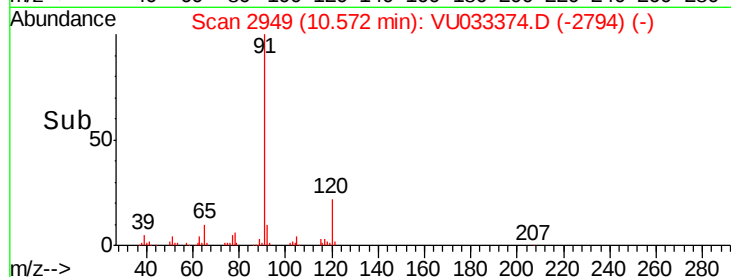
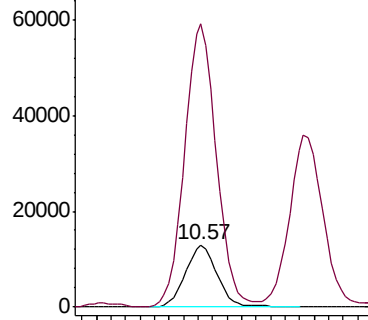
120 100

91 452.5 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.073 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033374.D

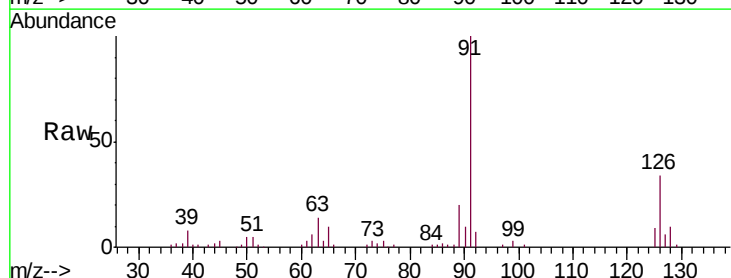
Acq: 23 Jul 2019 11:54

Tgt Ion:126 Resp: 19447

Ion Ratio Lower Upper

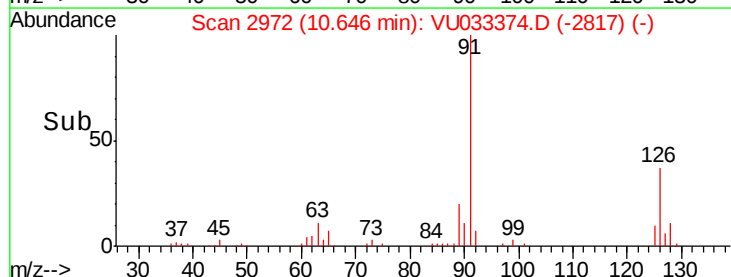
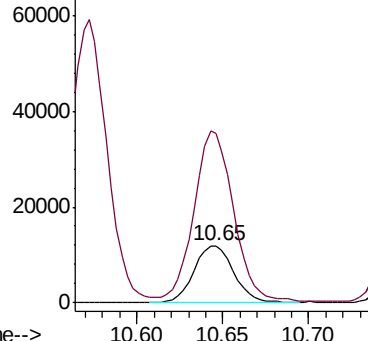
126 100

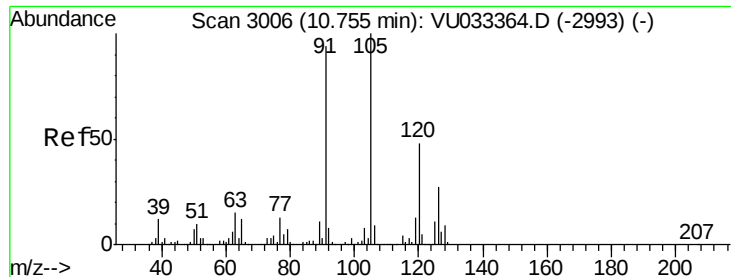
91 292.1 0.0 598.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.965 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

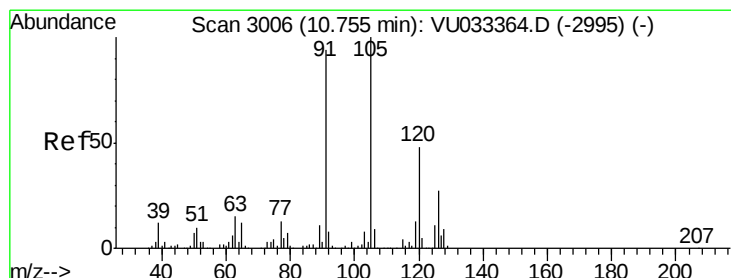
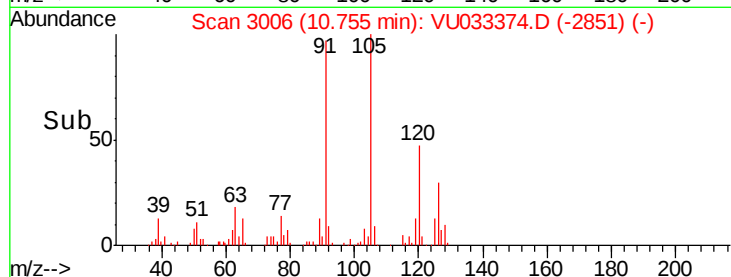
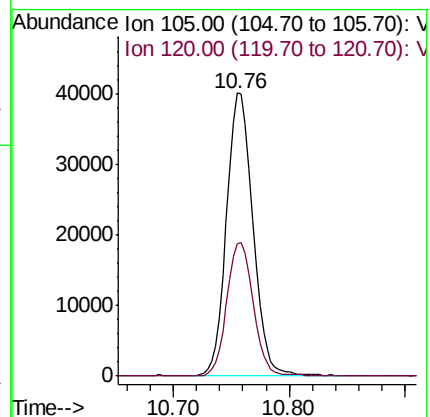
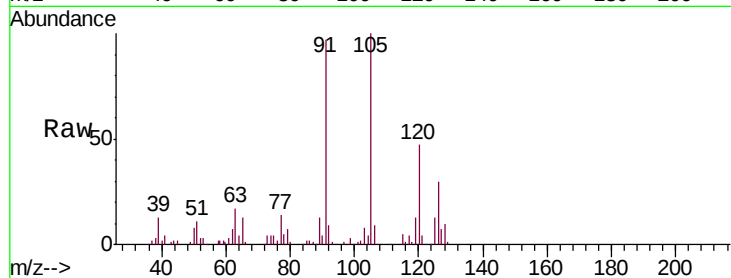
VU0723WBSD01

Tgt Ion:105 Resp: 63582

Ion Ratio Lower Upper

105 100

120 47.3 38.2 57.4



#76

4-Chlorotoluene

Concen: 2.020 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033374.D

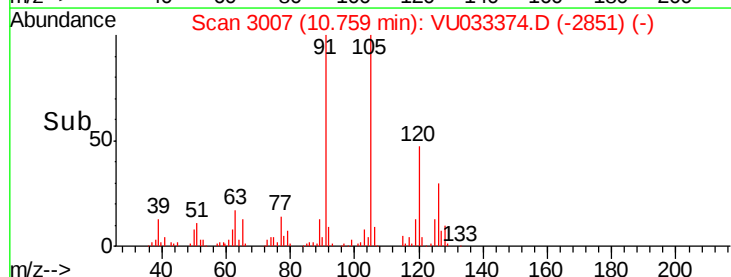
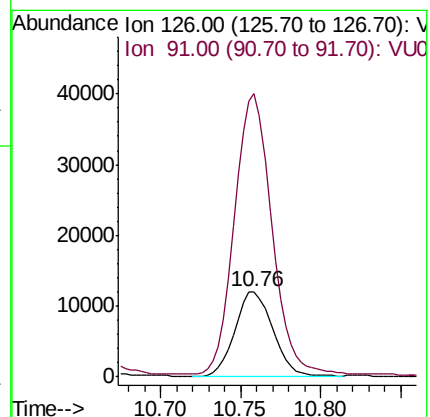
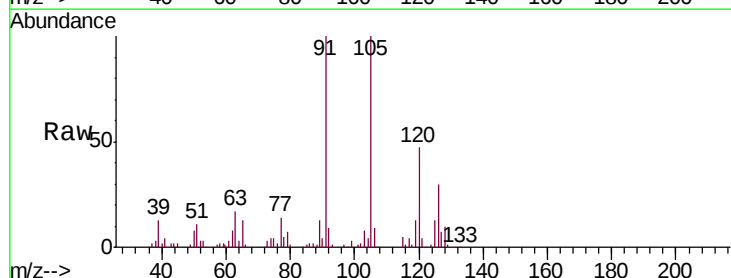
Acq: 23 Jul 2019 11:54

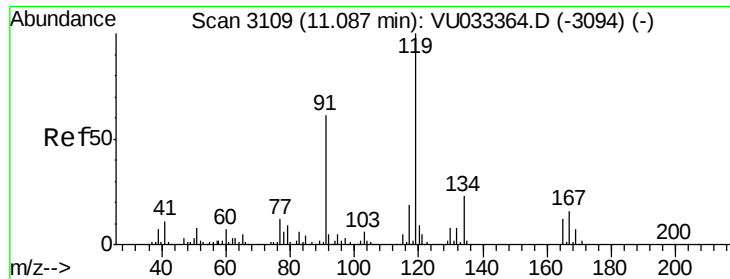
Tgt Ion:126 Resp: 19740

Ion Ratio Lower Upper

126 100

91 319.0 0.0 681.0

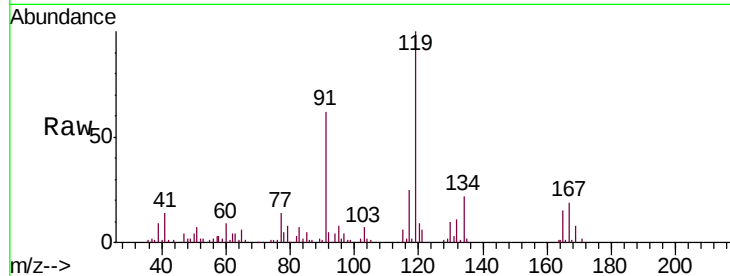




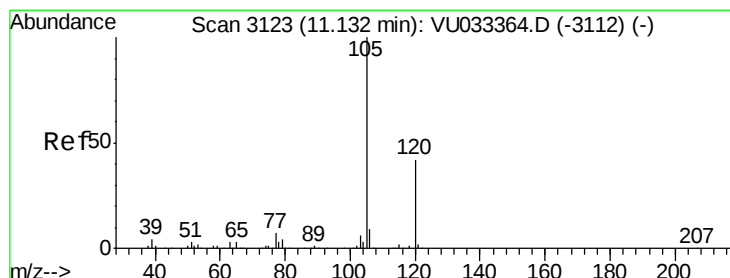
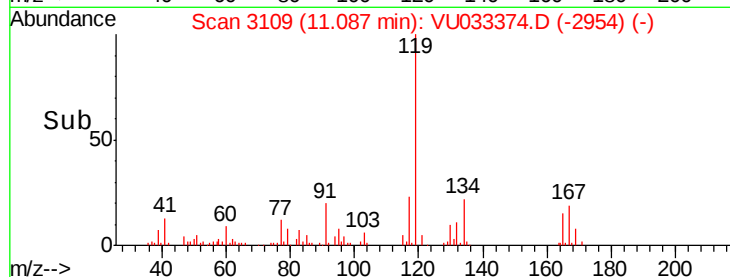
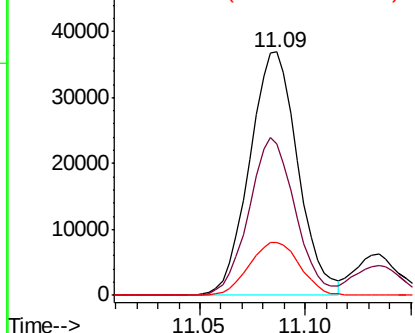
#77
 tert-Butylbenzene
 Concen: 1.920 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

Tgt Ion:119 Resp: 58894
 Ion Ratio Lower Upper
 119 100
 91 61.8 30.4 91.3
 134 23.1 18.5 27.7

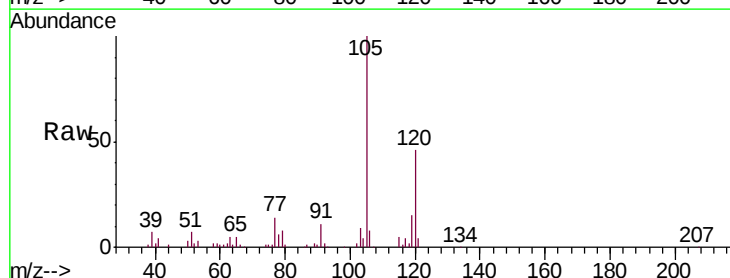


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

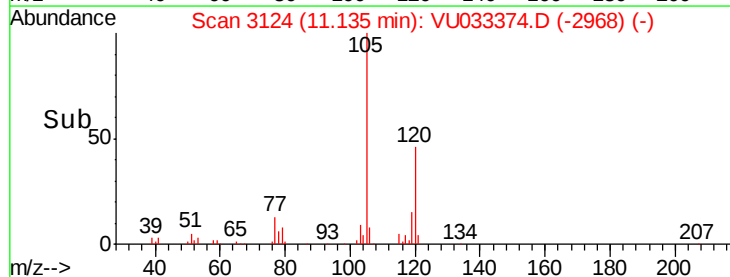
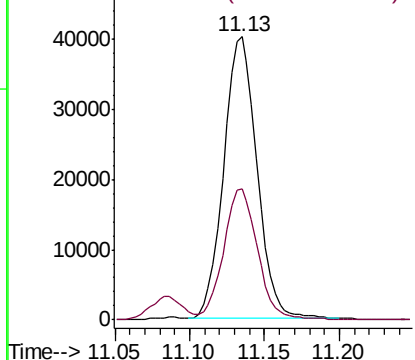


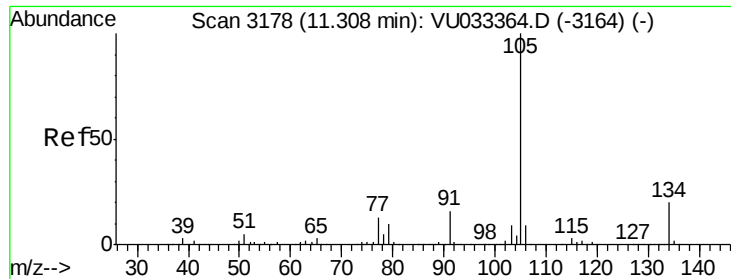
#78
 1,2,4-Trimethylbenzene
 Concen: 1.883 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion:105 Resp: 62288
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.5 67.5



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

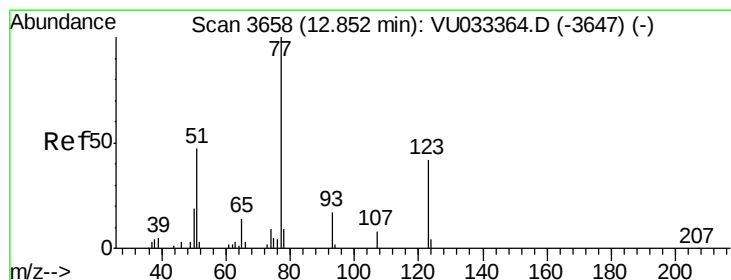
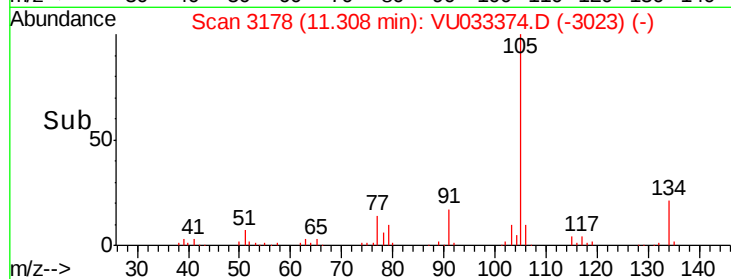
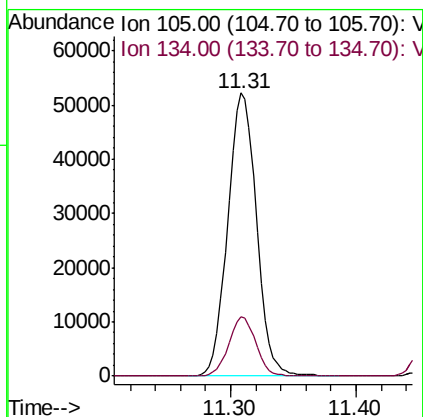
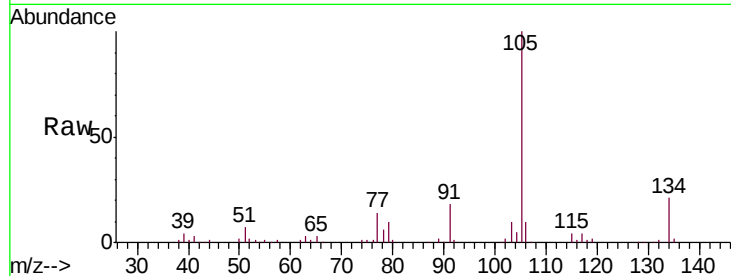




#79
 sec-Butylbenzene
 Concen: 1.972 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

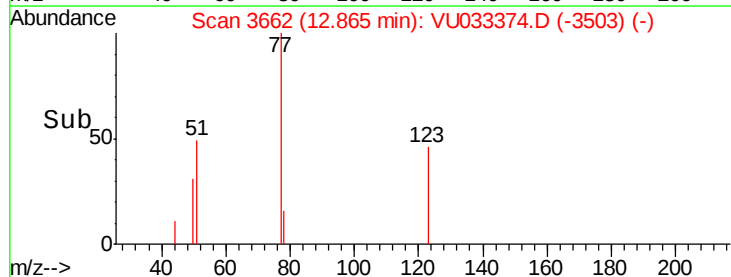
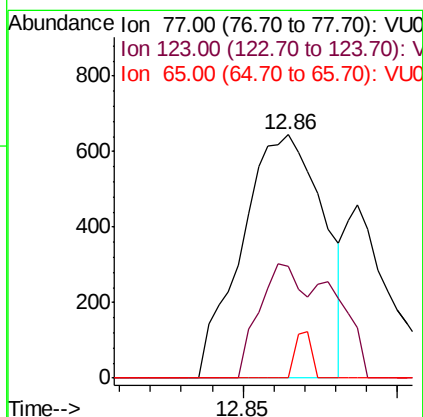
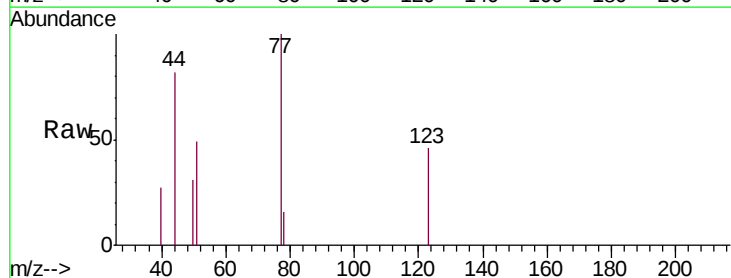
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

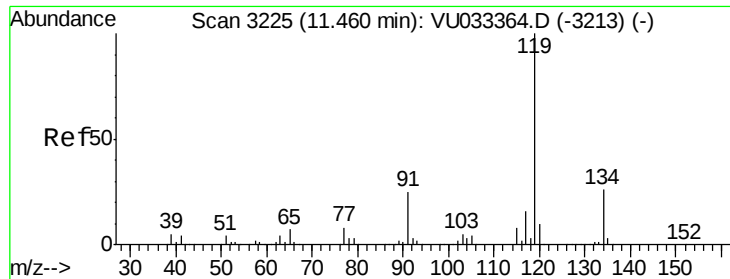
Tgt Ion: 105 Resp: 83269
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.5 23.3



#80
 Nitrobenzene
 Concen: 3.023 ug/l
 RT: 12.86 min Scan# 3662
 Delta R.T. 0.01 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion: 77 Resp: 1183
 Ion Ratio Lower Upper
 77 100
 123 26.0 19.3 68.3
 65 3.9 10.1 12.9#

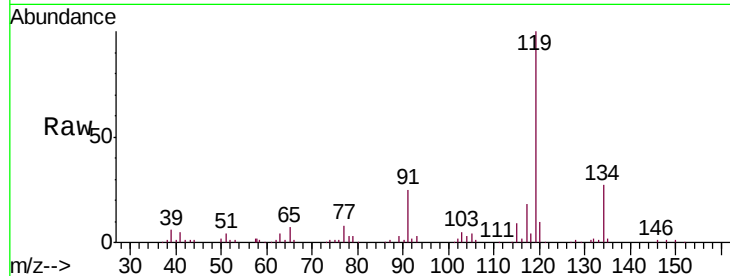




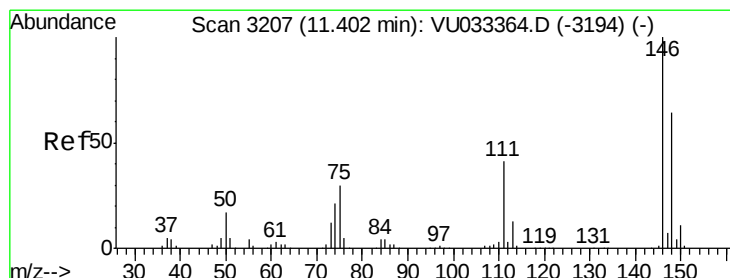
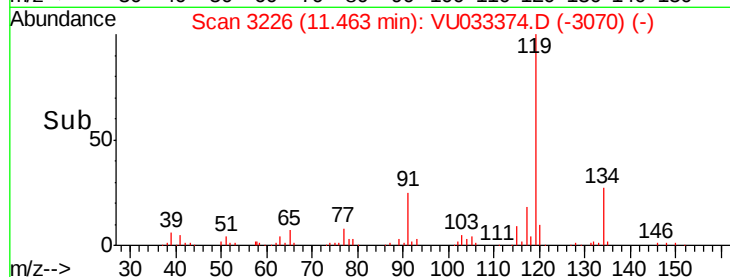
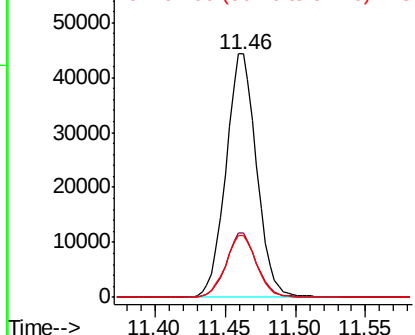
#81
p-Isopropyltoluene
Concen: 1.960 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Instrument :
MSVOA_U
ClientSampleId :
VU0723WBSD01

Tgt Ion:119 Resp: 67288
Ion Ratio Lower Upper
119 100
134 26.1 21.0 31.4
91 25.9 19.8 29.6

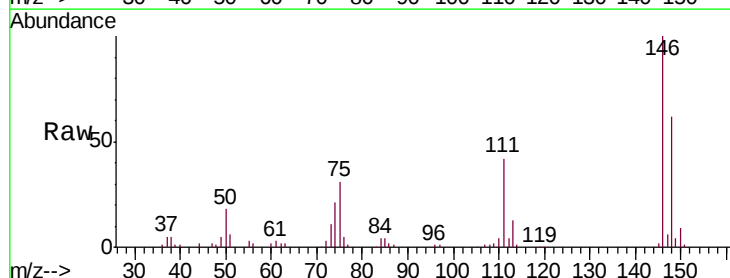


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

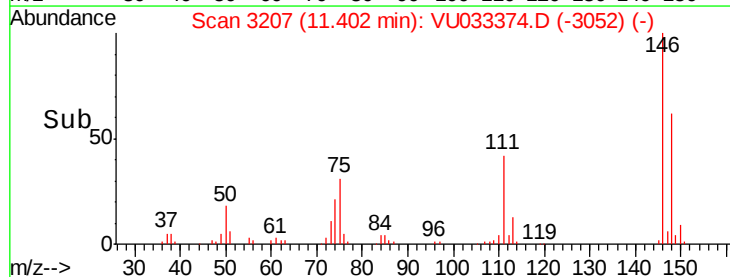
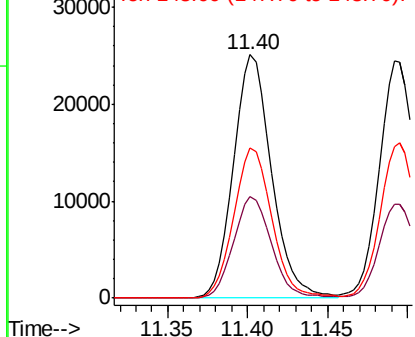


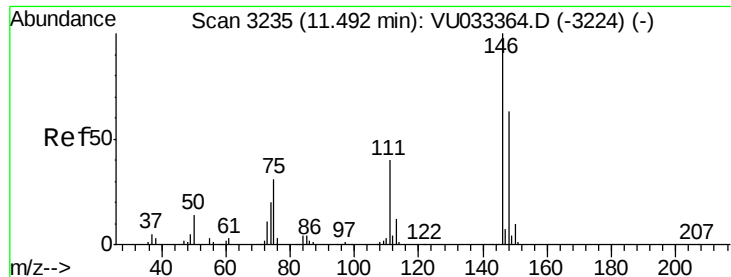
#82
1,3-Dichlorobenzene
Concen: 2.014 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033374.D
Acq: 23 Jul 2019 11:54

Tgt Ion:146 Resp: 40766
Ion Ratio Lower Upper
146 100
111 41.6 33.3 49.9
148 61.7 50.8 76.2



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





#83

1,4-Dichlorobenzene

Concen: 2.008 ug/l

RT: 11.49 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

VU0723WBSD01

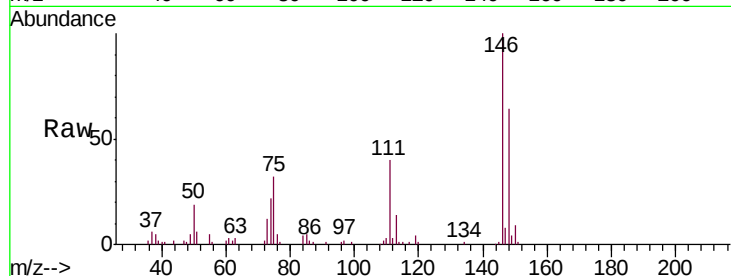
Tgt Ion:146 Resp: 40210

Ion Ratio Lower Upper

146 100

111 39.7 32.2 48.4

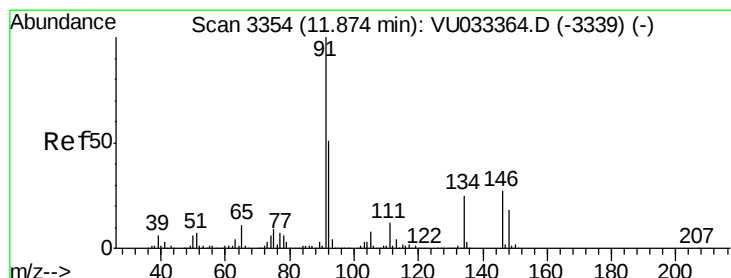
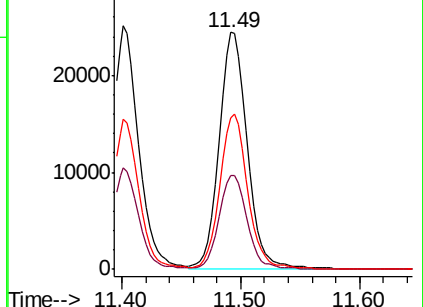
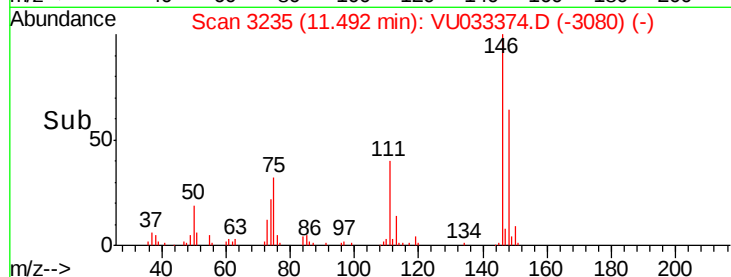
148 64.9 51.0 76.4



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: 1.857 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

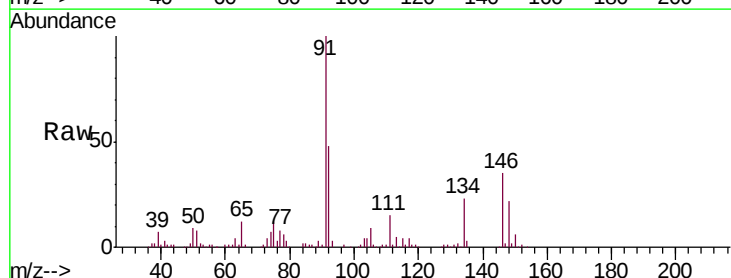
Tgt Ion: 91 Resp: 65240

Ion Ratio Lower Upper

91 100

92 49.2 41.0 61.6

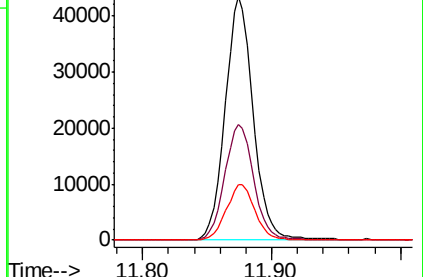
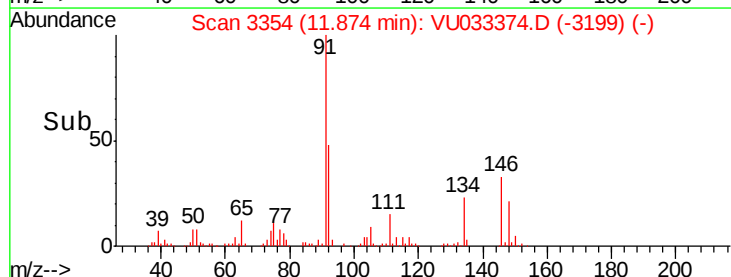
134 23.4 19.5 29.3

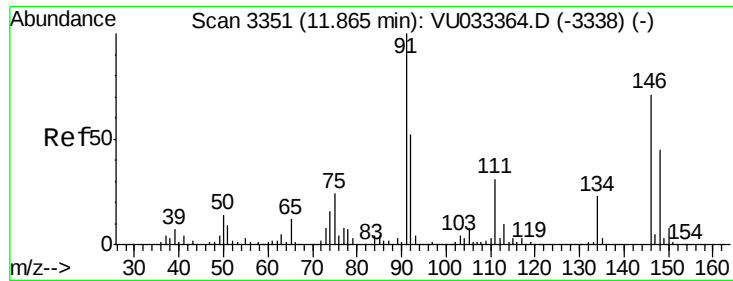


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

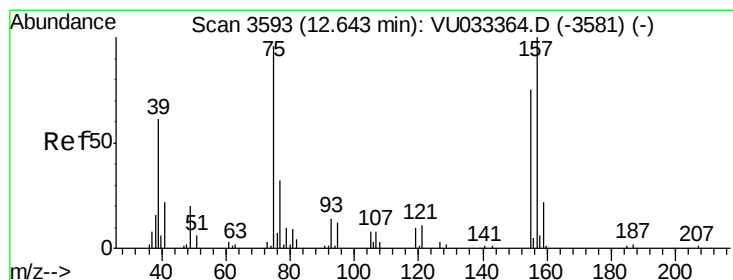
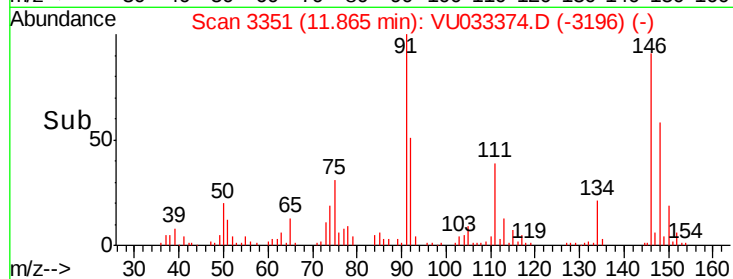
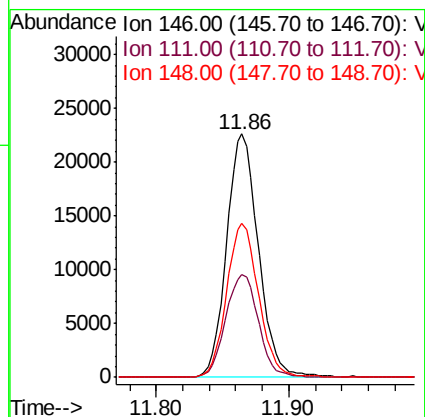
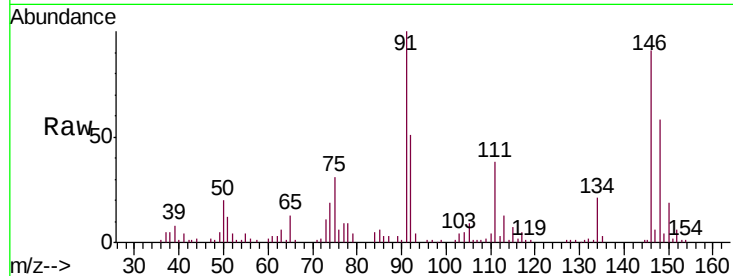




#85
 1,2-Dichlorobenzene
 Concen: 1.986 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

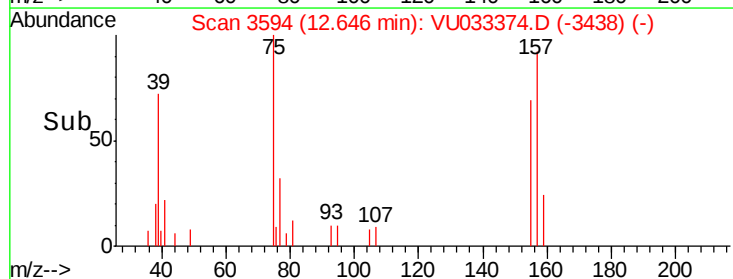
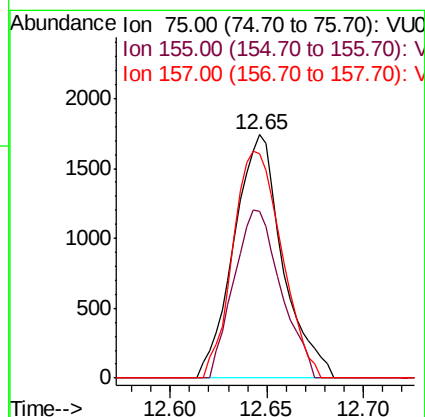
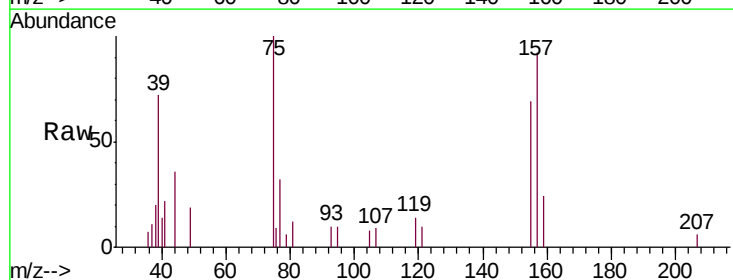
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

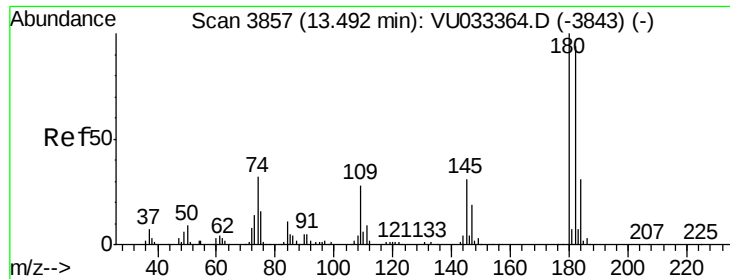
Tgt Ion: 146 Resp: 37684
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.5 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.065 ug/l
 RT: 12.65 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion: 75 Resp: 3058
 Ion Ratio Lower Upper
 75 100
 155 66.7 63.3 94.9
 157 93.1 82.5 123.7

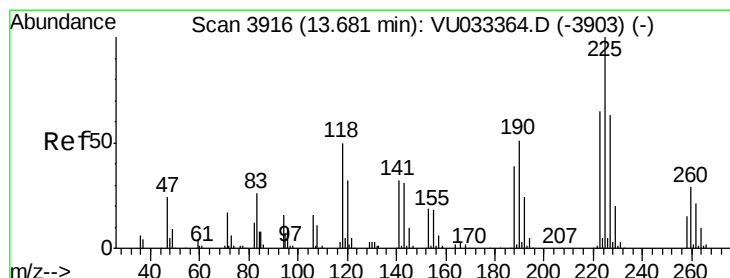
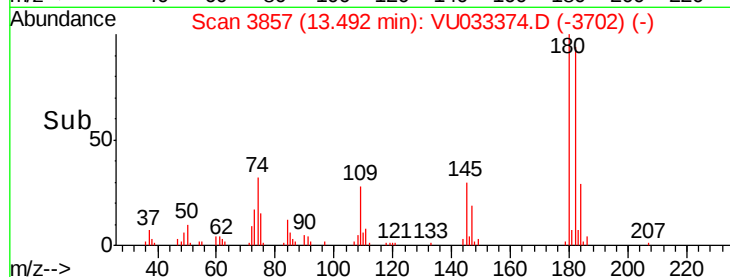
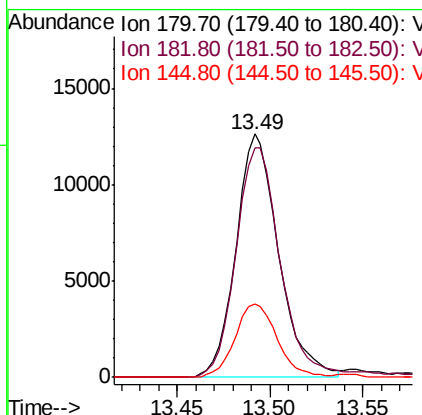
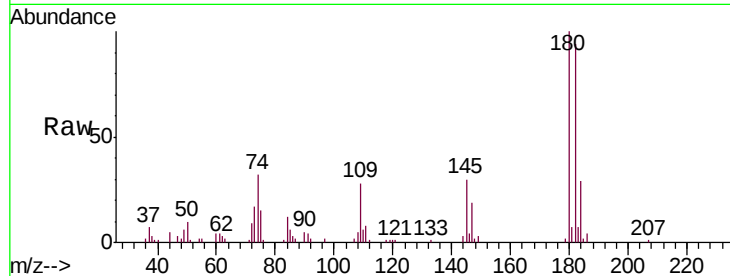




#87
 1,2,4-Trichlorobenzene
 Concen: 1.788 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

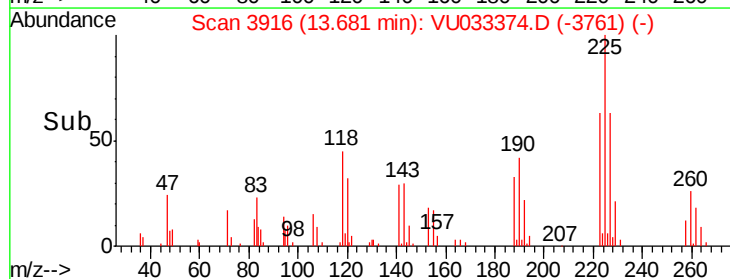
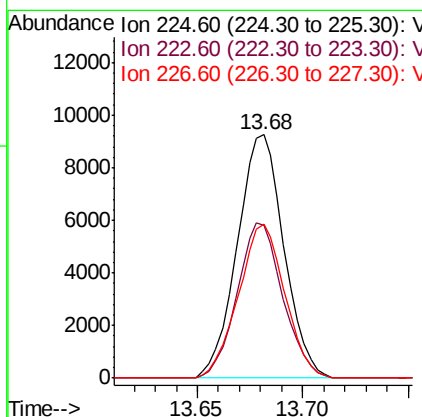
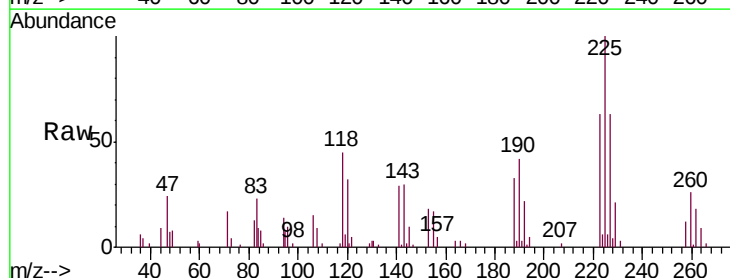
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0723WBSD01

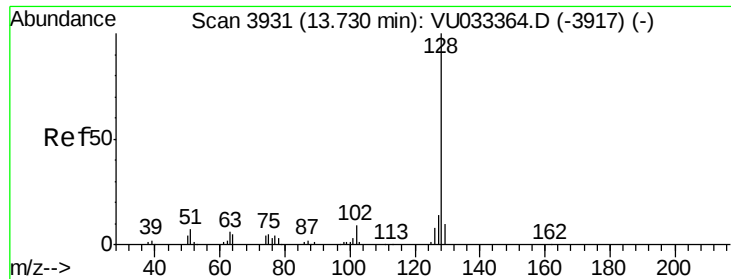
Tgt Ion:180 Resp: 20190
 Ion Ratio Lower Upper
 180 100
 182 99.1 76.2 114.4
 145 29.8 25.0 37.4



#88
 Hexachlorobutadiene
 Concen: 2.037 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: VU033374.D
 Acq: 23 Jul 2019 11:54

Tgt Ion:225 Resp: 14186
 Ion Ratio Lower Upper
 225 100
 223 62.4 52.2 78.4
 227 63.1 51.7 77.5





#89

Naphthalene

Concen: 1.804 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

VU0723WBSD01

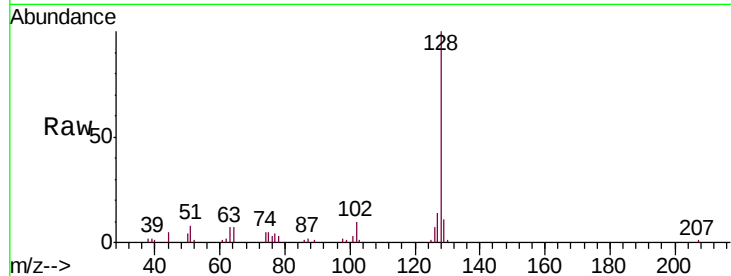
Tgt Ion:128 Resp: 31449

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

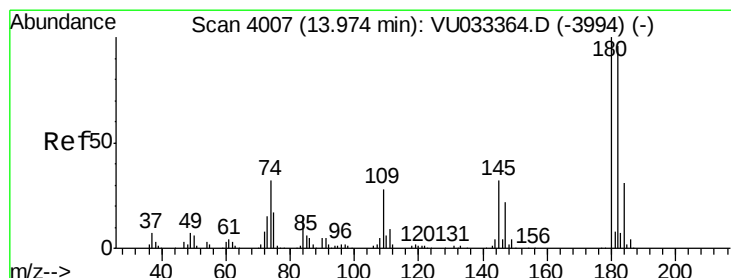
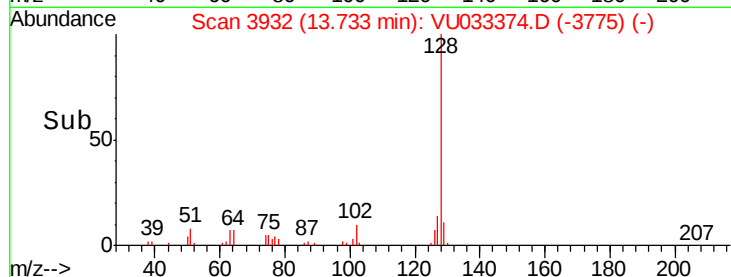
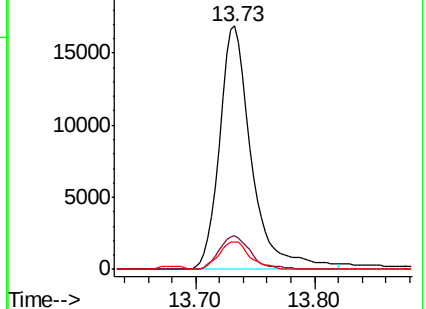
129 10.9 8.5 12.7



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: 1.776 ug/l

RT: 13.98 min Scan# 4008

Delta R.T. 0.00 min

Lab File: VU033374.D

Acq: 23 Jul 2019 11:54

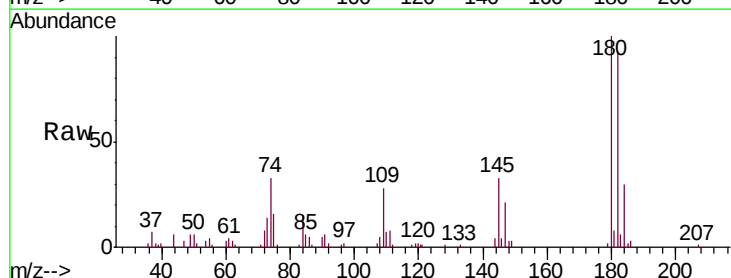
Tgt Ion:180 Resp: 19462

Ion Ratio Lower Upper

180 100

182 94.3 77.9 116.9

145 32.4 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

