

Data File : VU033206.D
Acq On : 11 Jul 2019 23:41
Operator : JC/SP
Sample : VU0711WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

Quant Time: Jul 12 05:32:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	30513	1.00	ug/l	0.00

System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	11781	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	12228	0.98	ug/l	0.00
Spiked Amount	1.000		Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	24342	2.042	ug/l	99
3) Chloromethane	1.33	50	27662	1.986	ug/l	99
4) Vinyl Chloride	1.40	62	29383	2.047	ug/l	99
5) Bromomethane	1.62	94	20030	2.236	ug/l	97
6) Chloroethane	1.69	64	18436	2.094	ug/l	98
7) Trichlorofluoromethane	1.88	101	40771	2.099	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	20790	2.085	ug/l	98
9) 1,1-Dichloroethene	2.27	96	20604	2.047	ug/l	98
10) Iodomethane	2.40	142	20007	1.883	ug/l	99
11) Allyl Chloride	2.58	41	32568	1.936	ug/l	96
12) Acrylonitrile	2.92	53	11971	4.294	ug/l	97
13) Acetone	2.31	43	23451	9.382	ug/l	95
14) Carbon Disulfide	2.46	76	75533	2.056	ug/l	100
15) Methylene Chloride	2.68	84	27501	2.044	ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	23588	2.046	ug/l	94
17) 1,1-Dichloroethane	3.42	63	34283	2.048	ug/l	99
18) 2-Butanone	4.26	43	23917	9.578	ug/l	99
19) Cyclohexane	4.97	56	21010	1.642	ug/l #	80
20) Methylcyclohexane	6.39	83	25859	1.928	ug/l	97
21) 2,2-Dichloropropane	4.20	77	23196	1.650	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	19826	2.071	ug/l	96
23) Diethyl Ether	2.09	59	17518	1.996	ug/l	96
24) tert-Butyl Alcohol	2.82	59	21370	19.978	ug/l	98
25) Methyl tert-Butyl Ether	2.99	73	61855	2.108	ug/l	98
26) Bromochloromethane	4.52	128	8454	1.993	ug/l	97
27) Chloroform	4.65	83	37453	2.027	ug/l	98
28) 1,1,1-Trichloroethane	4.89	97	29843	2.040	ug/l	98
29) 1,1-Dichloropropene	5.11	75	24874	2.016	ug/l	98
30) Carbon Tetrachloride	5.11	117	25852	2.001	ug/l	96
31) Isopropyl Ether	3.56	45	45504	2.025	ug/l	96
32) Ethyl-t-butyl ether	4.05	59	42965	1.961	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	38890	1.926	ug/l	99
34) Propionitrile	4.32	54	7477	10.568	ug/l #	92
35) Benzene	5.36	78	73689	2.048	ug/l	99
36) 1,2-Dichloroethane	5.39	62	24164	2.075	ug/l	98
37) Trichloroethene	6.16	130	19333	2.056	ug/l	90
38) 1,2-Dichloropropane	6.41	63	20256	2.082	ug/l	97
39) Methacrylonitrile	4.53	41	5666	1.932	ug/l	95
40) Methyl acrylate	4.41	55	9151	2.107	ug/l #	94
41) Tetrahydrofuran	4.63	42	5907	3.839	ug/l	93
42) 1-Chlorobutane	5.04	56	33541	2.002	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	10342	1.988	ug/l	97
44) Bromodichloromethane	6.74	83	26155	2.040	ug/l	97
45) 4-Methyl-2-Pentanone	7.45	43	59093	10.085	ug/l	96
46) t-1,4-Dichloro-2-butene	10.48	75	24411	9.785	ug/l #	52
47) Methyl methacrylate	6.61	69	16672	3.961	ug/l	95
48) Ethyl methacrylate	8.01	69	15065	1.904	ug/l	98
49) Toluene	7.62	92	41889	1.974	ug/l	98
50) t-1,3-Dichloropropene	7.86	75	22240	1.955	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	25518	1.942	ug/l	97
52) 1,1,2-Trichloroethane	8.05	97	14741	2.041	ug/l	95
53) 1,3-Dichloropropane	8.22	76	25170	2.056	ug/l	99
54) 2-Hexanone	8.35	43	39867	9.735	ug/l	97
55) Dibromochloromethane	8.46	129	16853	2.016	ug/l	99
56) 1,2-Dibromoethane	8.57	107	13833	2.070	ug/l	98
58) Tetrachloroethene	8.21	164	17267	2.009	ug/l	96
59) Chlorobenzene	9.10	112	47480	1.991	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.19	131	17886	2.035	ug/l	97
61) Pentachloroethane	11.09	117	13576	1.965	ug/l	96
62) Hexachloroethane	12.13	117	13558	2.021	ug/l	96
63) Ethyl Benzene	9.23	91	74012	1.898	ug/l	99
64) m/p-Xylenes	9.36	106	60348	3.961	ug/l	94
65) o-Xylene	9.76	106	29026	1.960	ug/l	99
66) Styrene	9.77	104	47907	1.916	ug/l	98
67) Bromoform	9.94	173	9450	1.988	ug/l	96
69) Isopropylbenzene	10.15	105	74873	1.944	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	19865	2.020	ug/l	96
71) 1,2,3-Trichloropropane	10.48	75	24411	3.313	ug/l #	77
72) Bromobenzene	10.44	156	20431	2.046	ug/l	97
73) n-propylbenzene	10.57	120	20967	1.922	ug/l	98
74) 2-Chlorotoluene	10.64	126	19984	2.030	ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	67185	2.016	ug/l	100
76) 4-Chlorotoluene	10.76	126	20433	2.033	ug/l	96
77) tert-Butylbenzene	11.08	119	61950	1.930	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	65721	1.929	ug/l	98
79) sec-Butylbenzene	11.31	105	87108	1.978	ug/l	99
80) Nitrobenzene	12.87	77	2221	8.603	ug/l #	96
81) p-Isopropyltoluene	11.46	119	67942	1.897	ug/l	98
82) 1,3-Dichlorobenzene	11.40	146	42662	2.070	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	40482	1.951	ug/l	97
84) n-Butylbenzene	11.87	91	67904	1.902	ug/l	96
85) 1,2-Dichlorobenzene	11.86	146	39828	2.020	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.64	75	3278	2.105	ug/l	92
87) 1,2,4-Trichlorobenzene	13.49	180	23022	1.897	ug/l	97
88) Hexachlorobutadiene	13.68	225	13777	1.965	ug/l	99
89) Naphthalene	13.73	128	40456	1.934	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	21249	1.833	ug/l	94

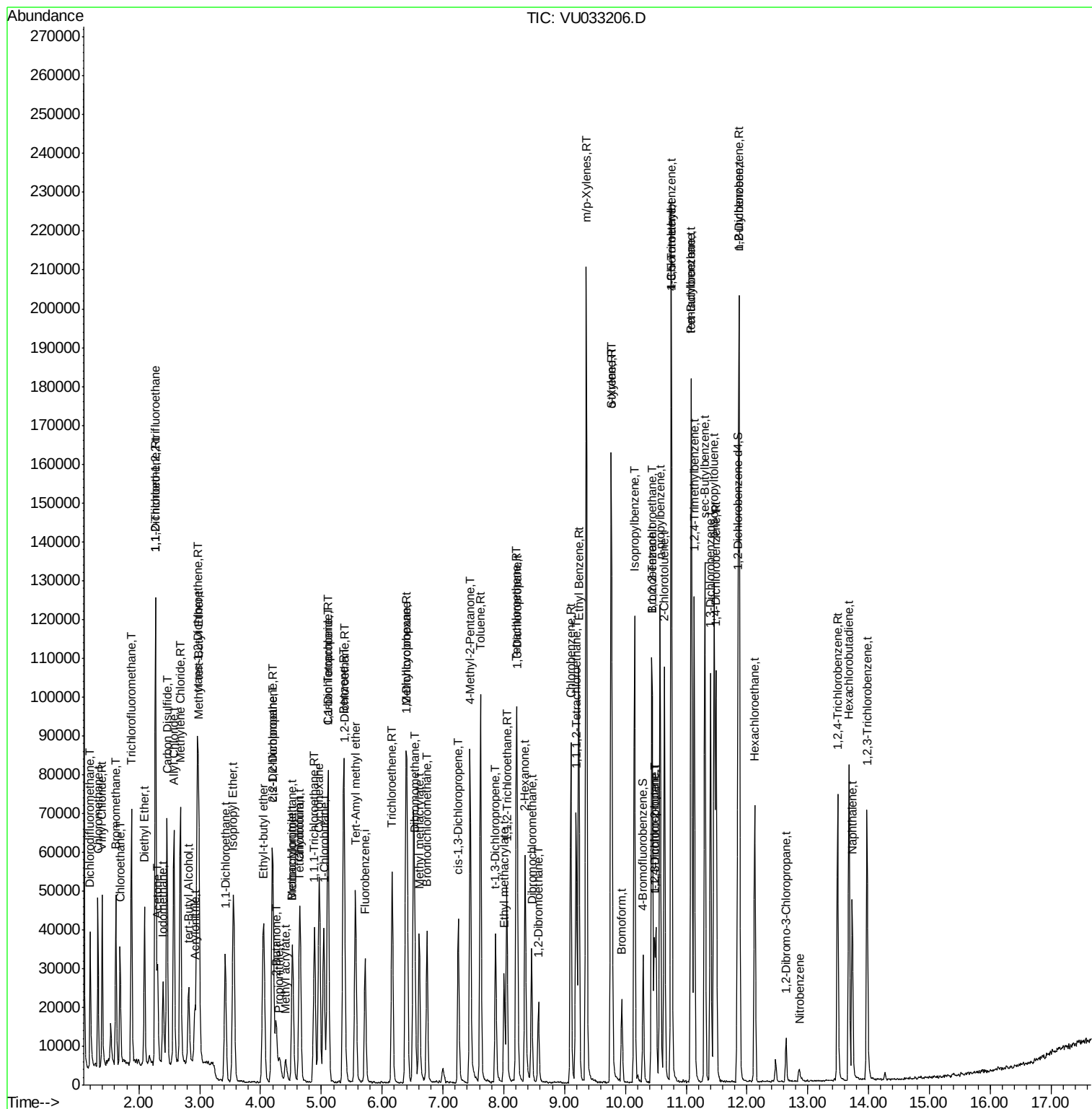
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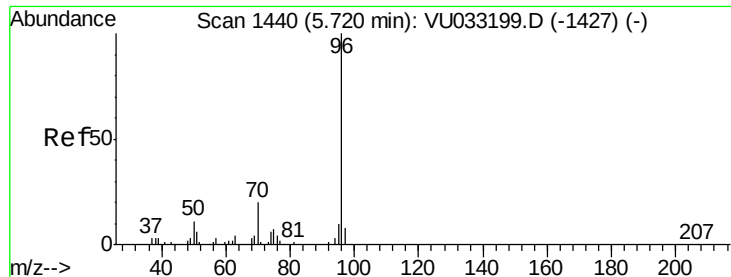
Data File : VU033206.D

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

Tgt Ion: 96 Resp: 30513

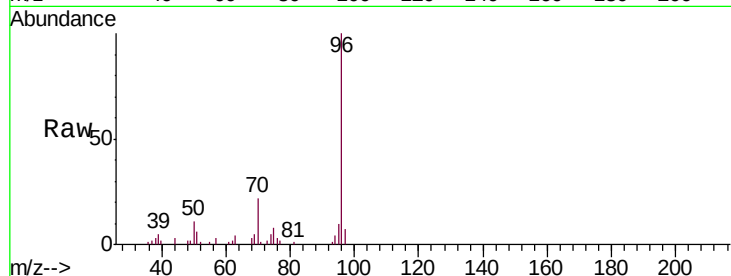
Ion Ratio Lower Upper

96 100

70 21.2 16.2 24.4

95 9.0 7.8 11.8

97 7.5 0.0 0.0#

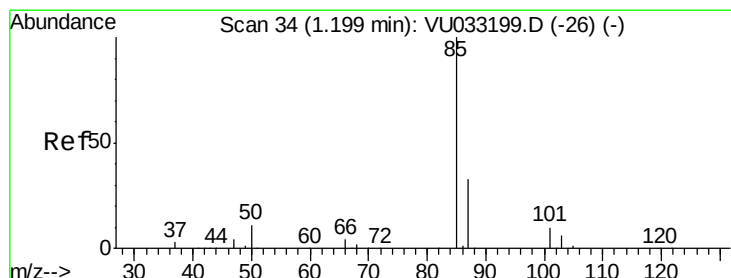
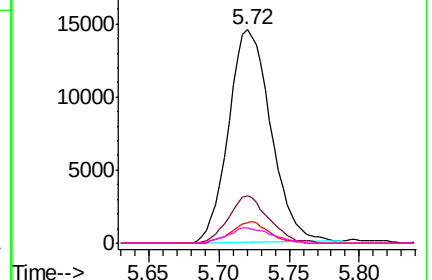
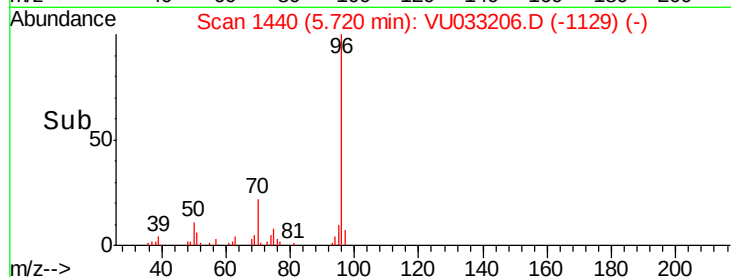


Abundance Ion 96.00 (95.70 to 96.70): VU033199.D (-1427) (-)

Ion 70.00 (69.70 to 70.70): VU033199.D (-1427) (-)

Ion 95.00 (94.70 to 95.70): VU033199.D (-1427) (-)

Ion 97.00 (96.70 to 97.70): VU033199.D (-1427) (-)



#2

Dichlorodifluoromethane

Concen: 2.042 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033206.D

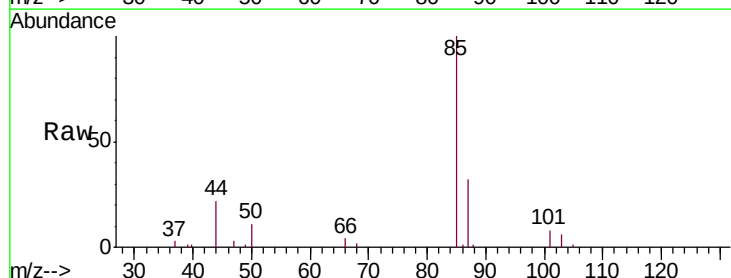
Acq: 11 Jul 2019 23:41

Tgt Ion: 85 Resp: 24342

Ion Ratio Lower Upper

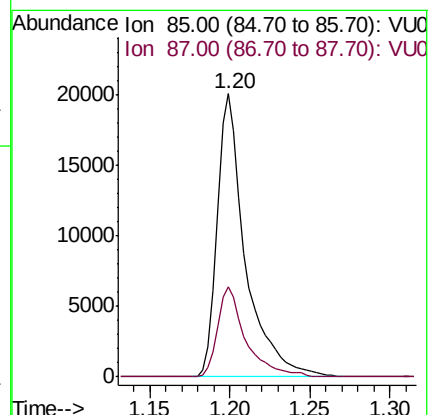
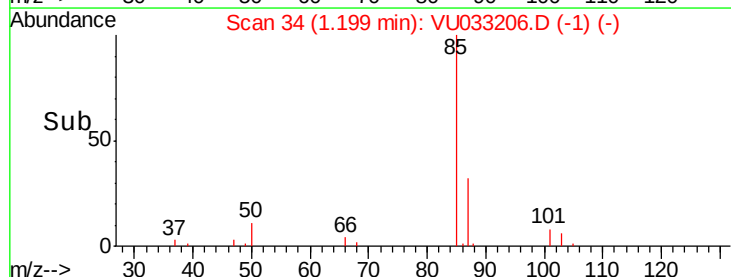
85 100

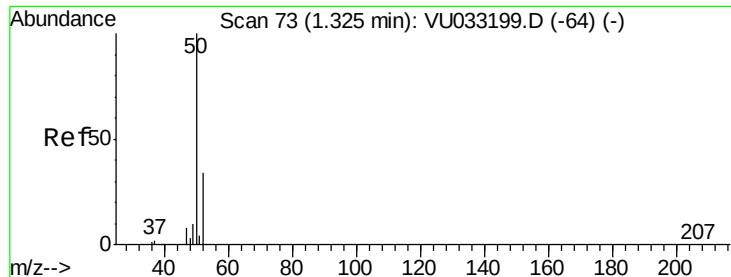
87 32.0 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VU033199.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU033199.D (-26) (-)





#3

Chloromethane

Concen: 1.986 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

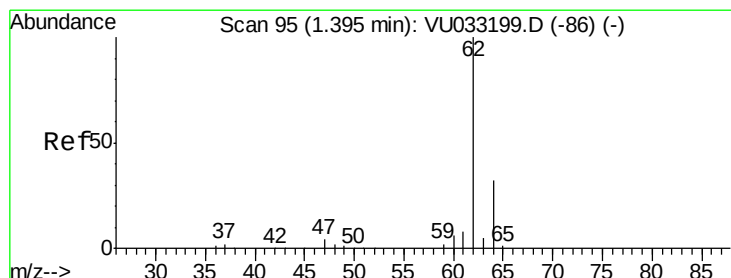
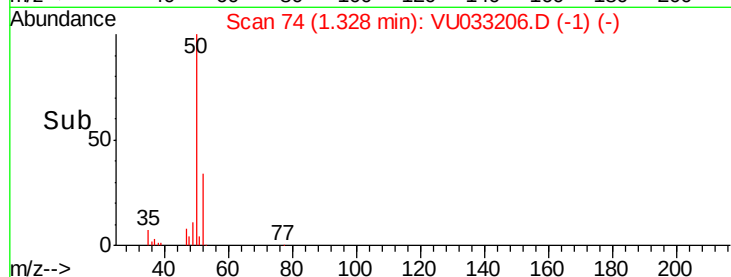
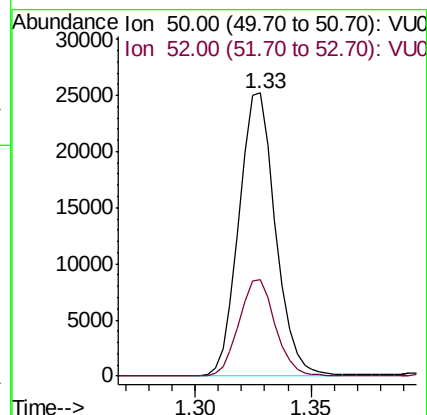
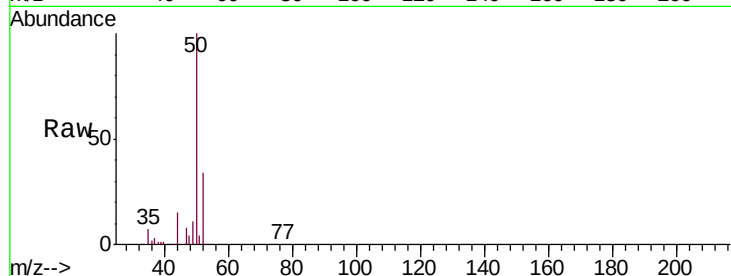
VU0711WBSD01

Tgt Ion: 50 Resp: 27662

Ion Ratio Lower Upper

50 100

52 34.2 27.0 40.4



#4

Vinyl Chloride

Concen: 2.047 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033206.D

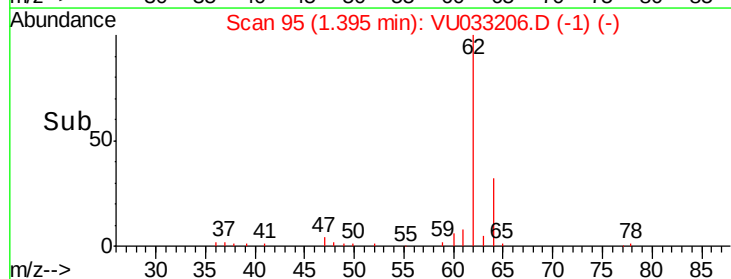
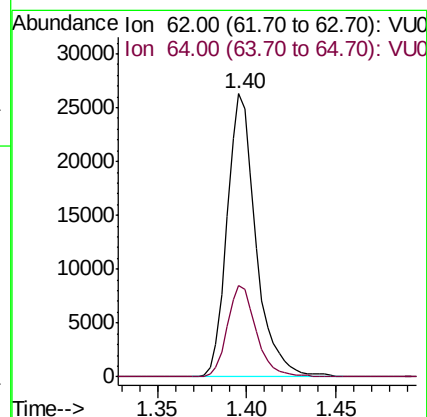
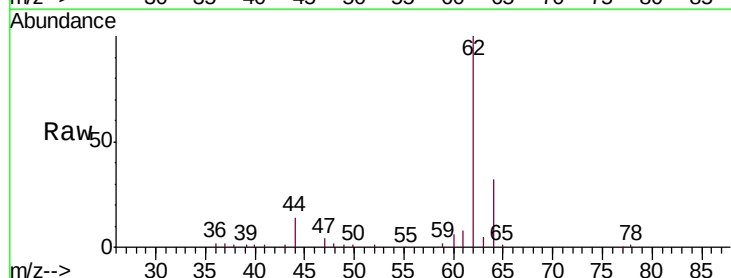
Acq: 11 Jul 2019 23:41

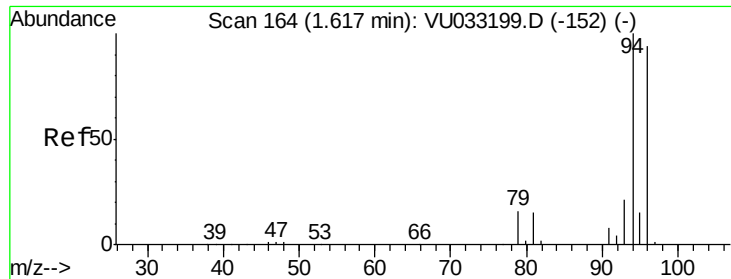
Tgt Ion: 62 Resp: 29383

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5

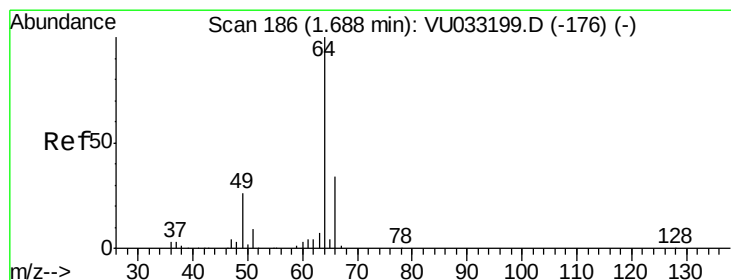
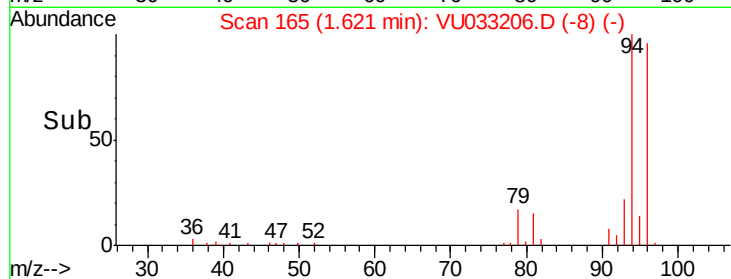
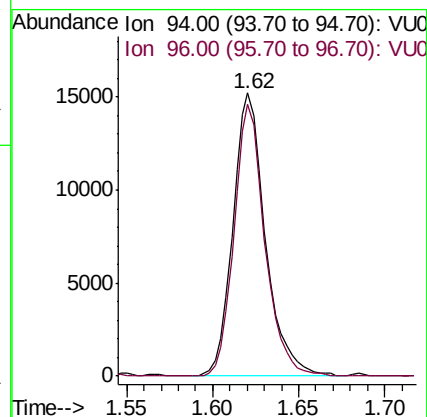
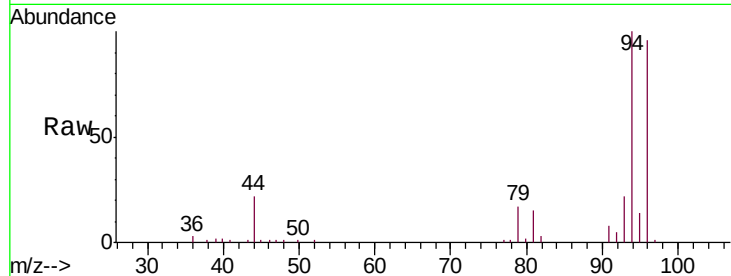




#5
Bromomethane
Concen: 2.236 ug/l
RT: 1.62 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

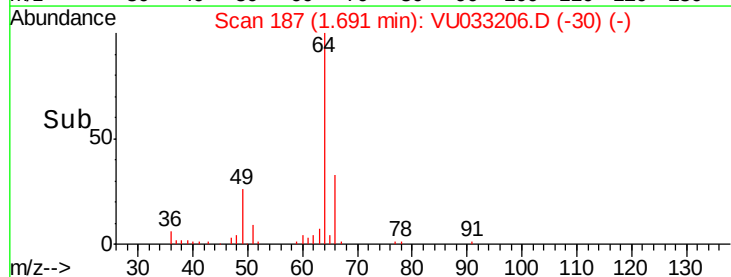
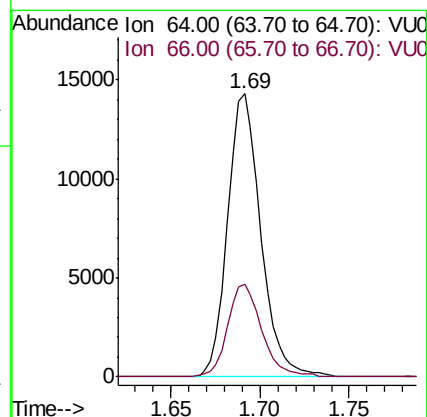
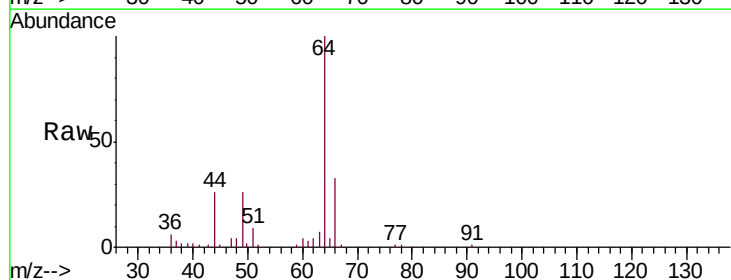
Instrument :
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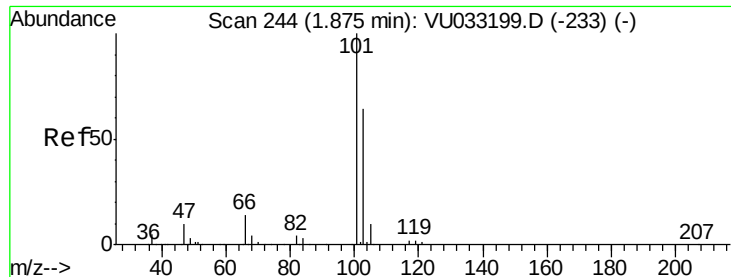
Tgt Ion: 94 Resp: 20030
Ion Ratio Lower Upper
94 100
96 96.0 74.8 112.2



#6
Chloroethane
Concen: 2.094 ug/l
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion: 64 Resp: 18436
Ion Ratio Lower Upper
64 100
66 32.5 27.0 40.4



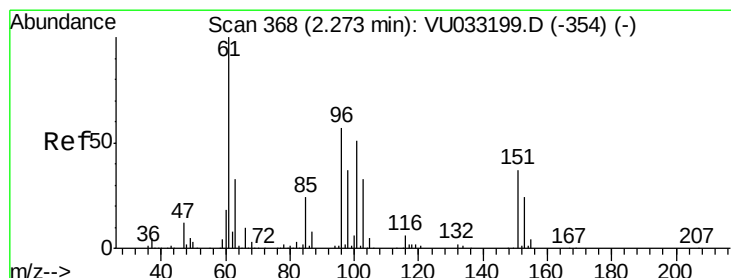
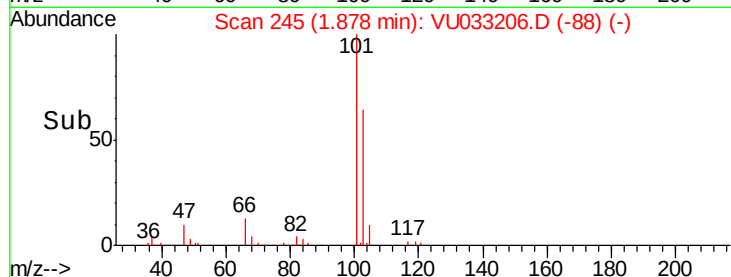
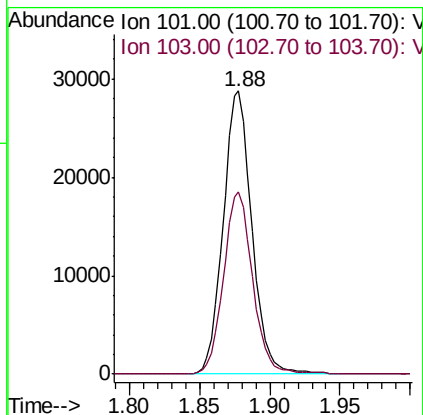
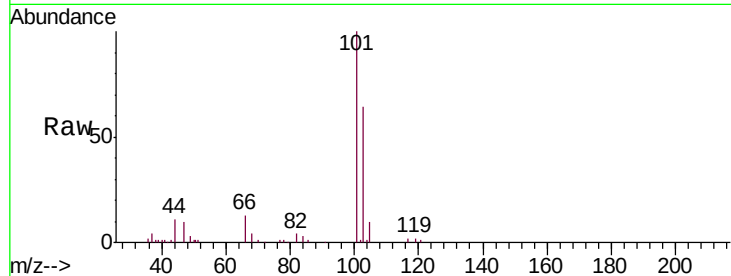


#7

Trichlorofluoromethane
 Concen: 2.099 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Instrument :
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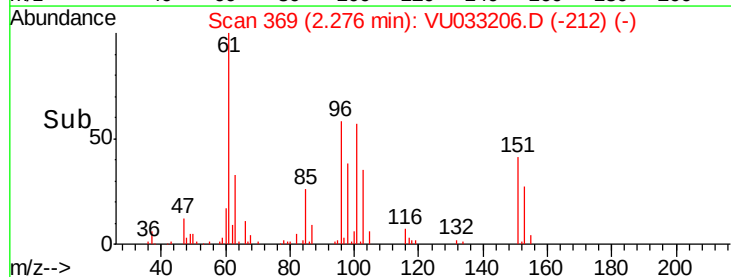
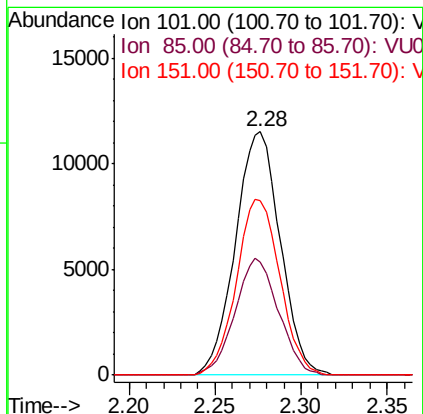
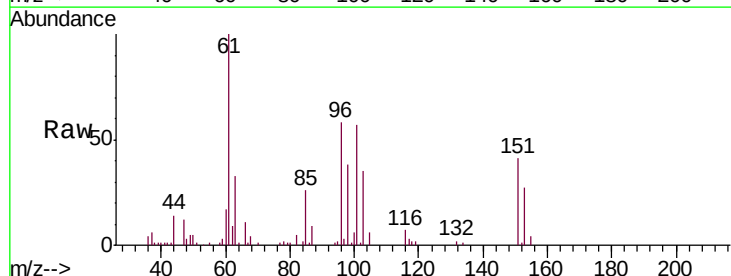
Tgt Ion:101 Resp: 40771
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6

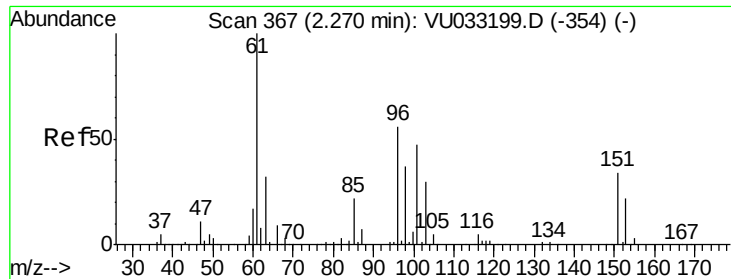


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.085 ug/l
 RT: 2.28 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion:101 Resp: 20790
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.7 56.5
 151 70.4 58.2 87.2





#9

1,1-Dichloroethene

Concen: 2.047 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

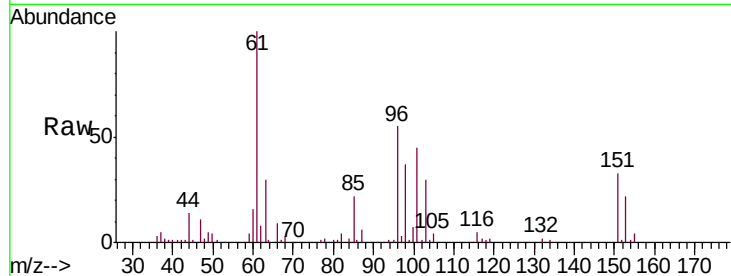
Tgt Ion: 96 Resp: 20604

Ion Ratio Lower Upper

96 100

61 180.5 0.0 533.7

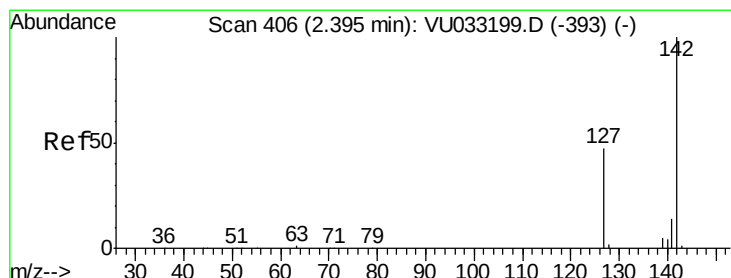
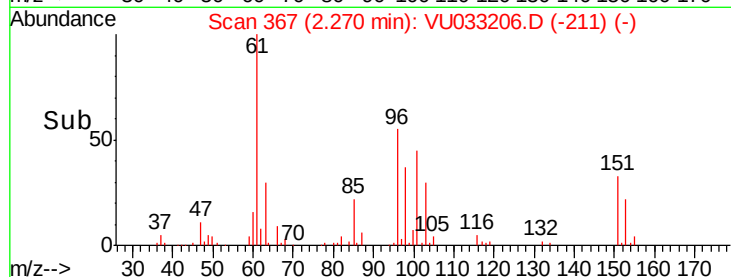
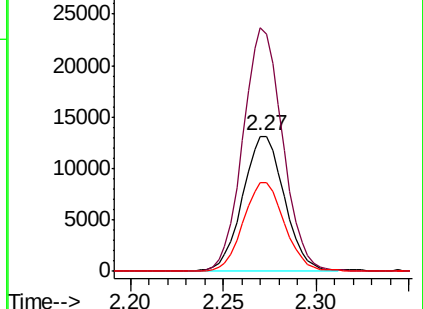
98 66.0 0.0 129.8



Abundance Ion 96.00 (95.70 to 96.70): VU033199.D (-354) (-)

Ion 61.00 (60.70 to 61.70): VU033199.D (-354) (-)

Ion 98.00 (97.70 to 98.70): VU033199.D (-354) (-)



#10

Iodomethane

Concen: 1.883 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU033206.D

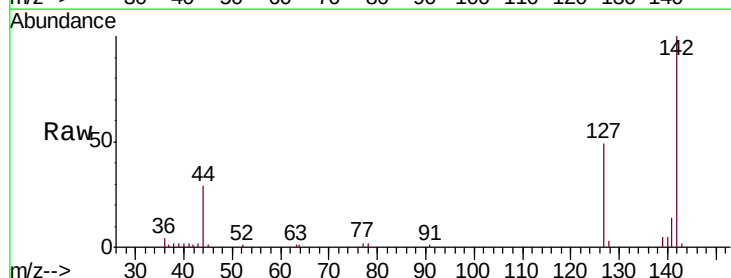
Acq: 11 Jul 2019 23:41

Tgt Ion: 142 Resp: 20007

Ion Ratio Lower Upper

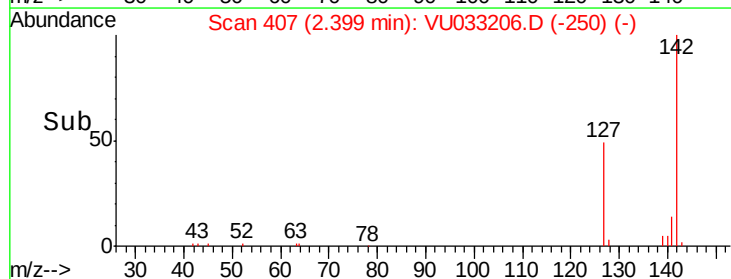
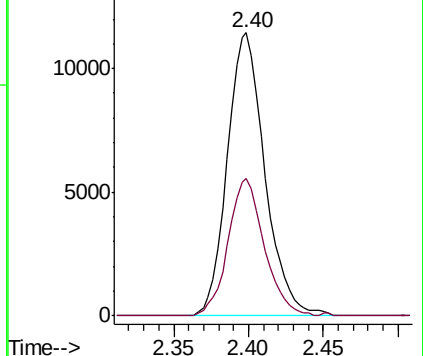
142 100

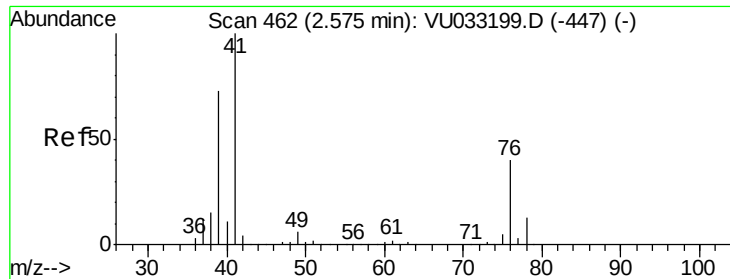
127 46.7 37.0 55.4



Abundance Ion 142.00 (141.70 to 142.70): VU033199.D (-393) (-)

Ion 127.00 (126.70 to 127.70): VU033199.D (-393) (-)

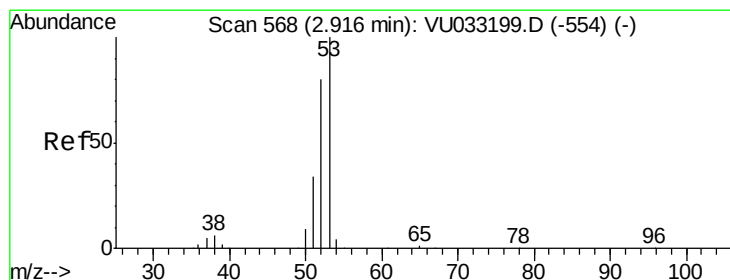
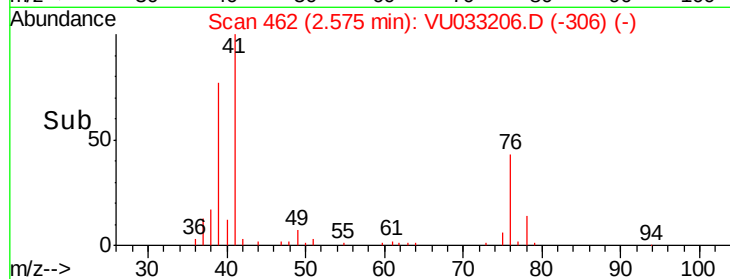
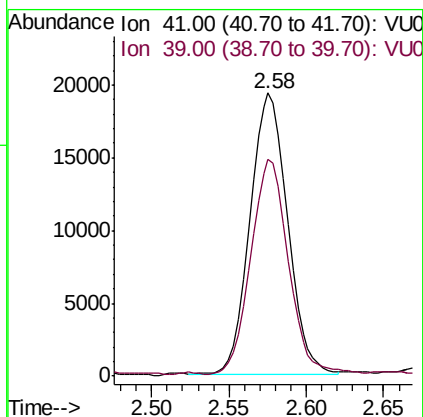
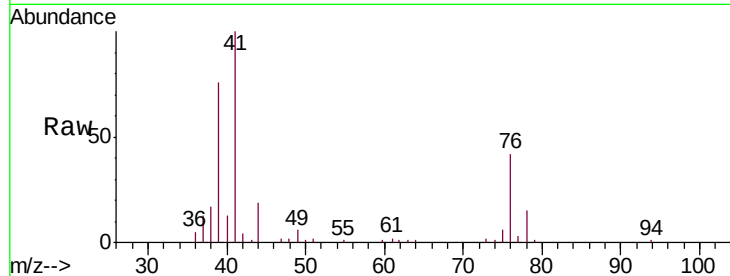




#11
 Allyl Chloride
 Concen: 1.936 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

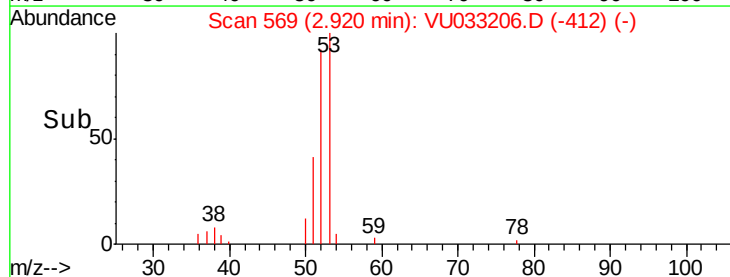
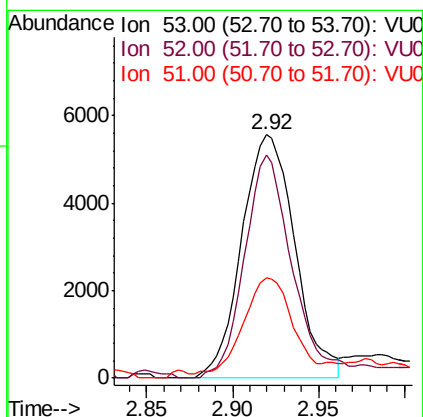
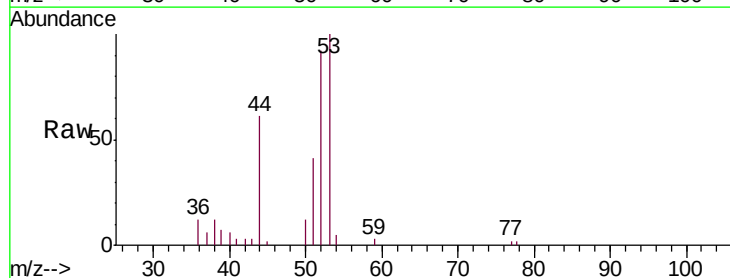
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

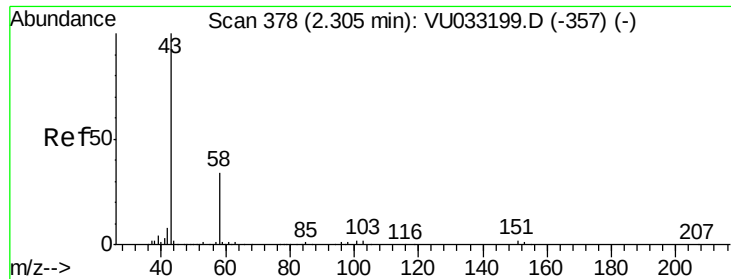
Tgt Ion: 41 Resp: 32568
 Ion Ratio Lower Upper
 41 100
 39 76.5 58.7 88.1



#12
 Acrylonitrile
 Concen: 4.294 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion: 53 Resp: 11971
 Ion Ratio Lower Upper
 53 100
 52 82.6 68.3 102.5
 51 35.0 28.7 43.1





#13

Acetone

Concen: 9.382 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

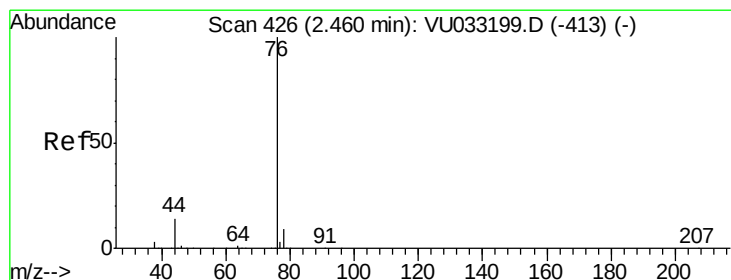
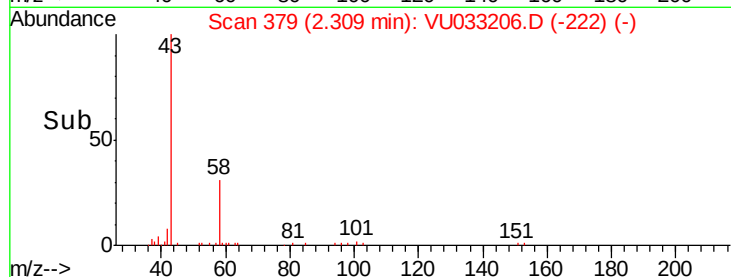
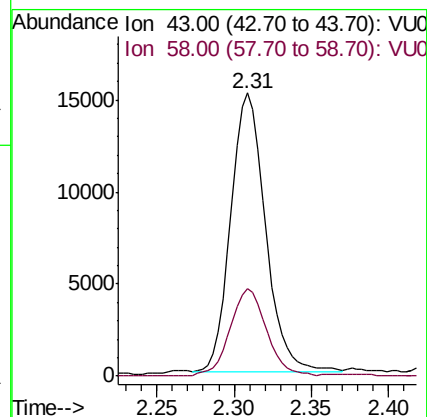
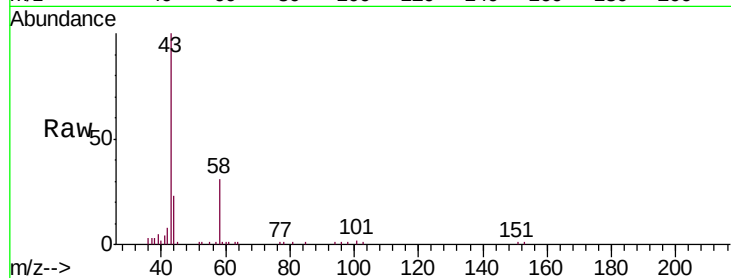
VU0711WBSD01

Tgt Ion: 43 Resp: 23451

Ion Ratio Lower Upper

43 100

58 31.2 27.1 40.7



#14

Carbon Disulfide

Concen: 2.056 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033206.D

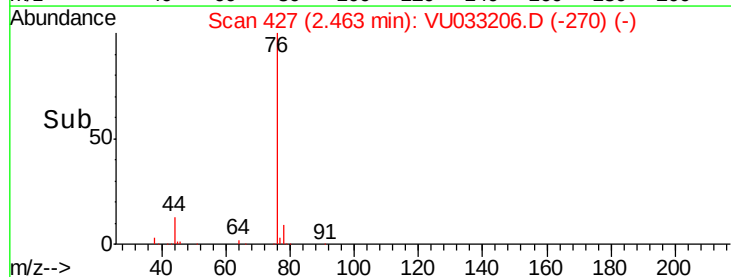
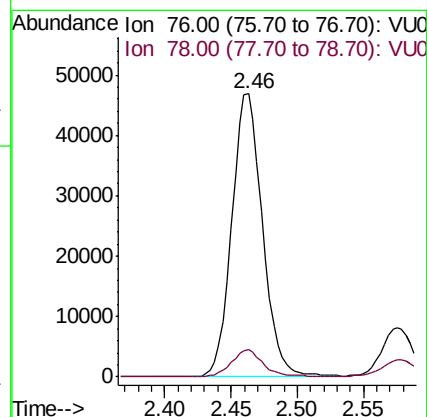
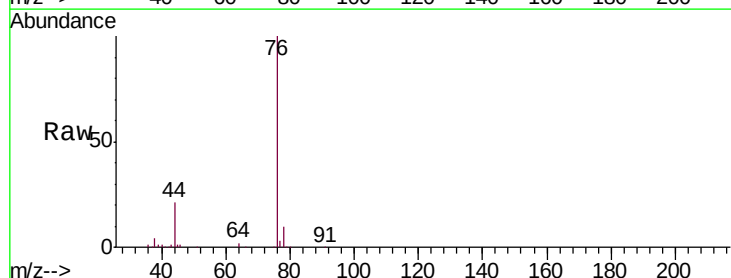
Acq: 11 Jul 2019 23:41

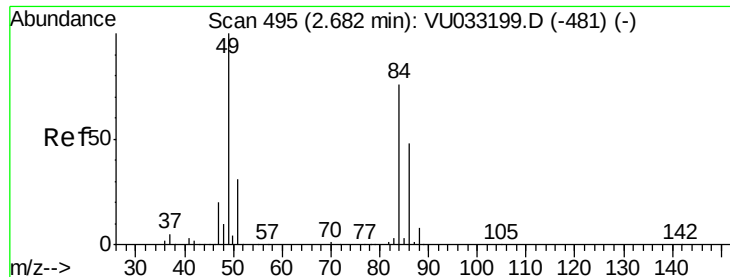
Tgt Ion: 76 Resp: 75533

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methylene Chloride

Concen: 2.044 ug/l

RT: 2.68 min Scan# 495

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

Tgt Ion: 84 Resp: 27501

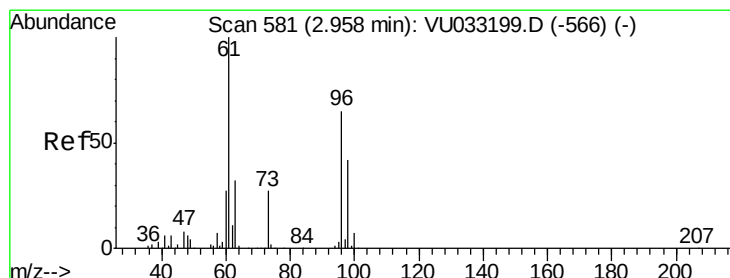
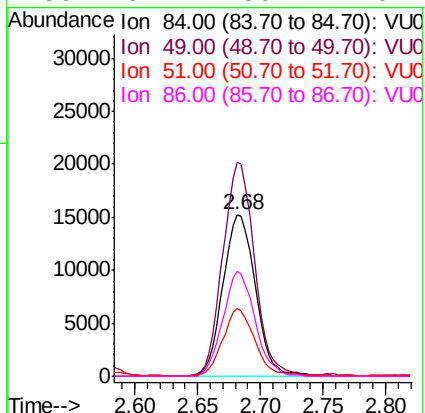
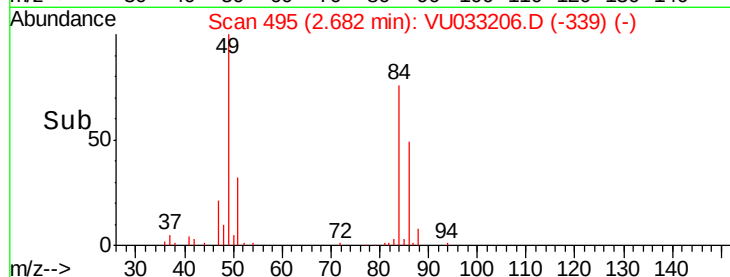
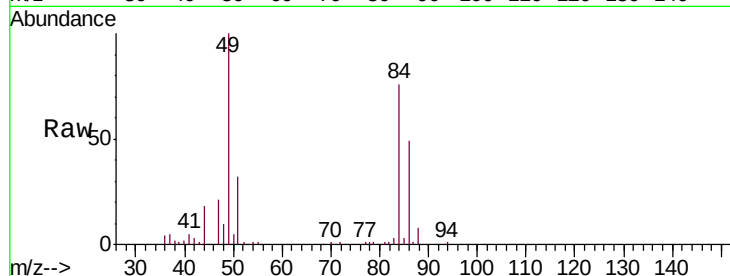
Ion Ratio Lower Upper

84 100

49 132.1 105.8 158.8

51 42.0 0.0 82.0

86 64.7 50.7 76.1



#16

trans-1,2-Dichloroethene

Concen: 2.046 ug/l

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

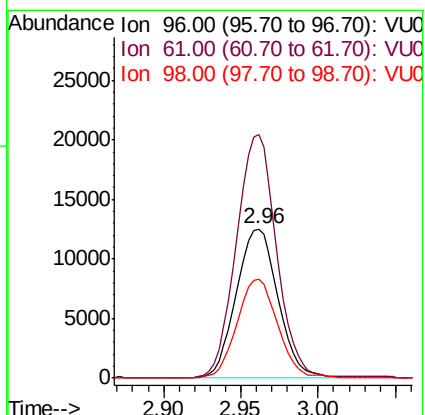
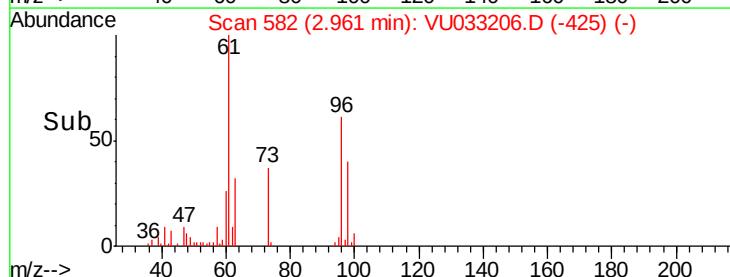
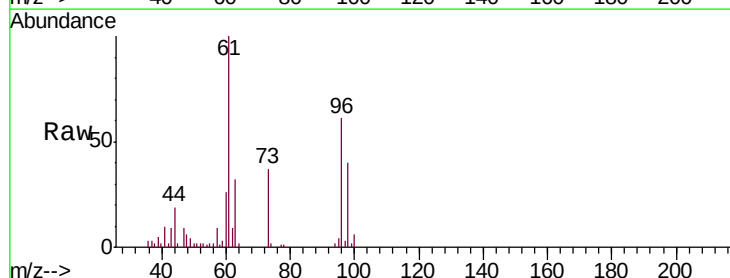
Tgt Ion: 96 Resp: 23588

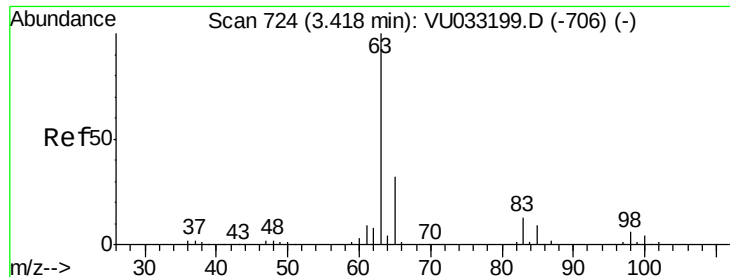
Ion Ratio Lower Upper

96 100

61 163.0 122.6 184.0

98 66.0 52.0 78.0





#17

1,1-Dichloroethane

Concen: 2.048 ug/l

RT: 3.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

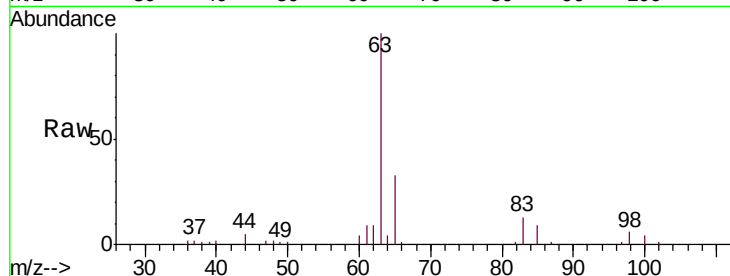
Tgt Ion: 63 Resp: 34283

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

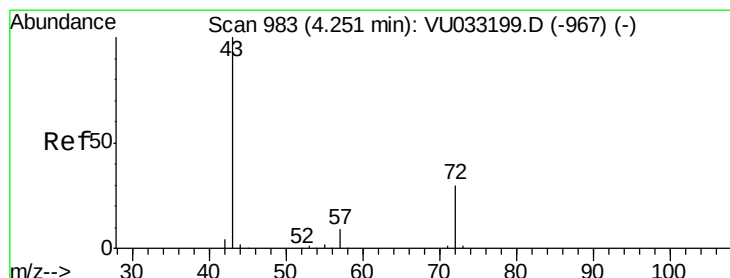
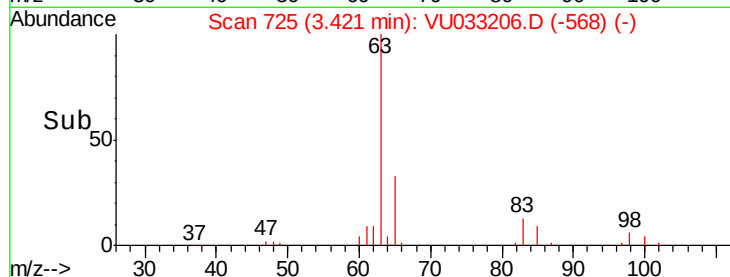
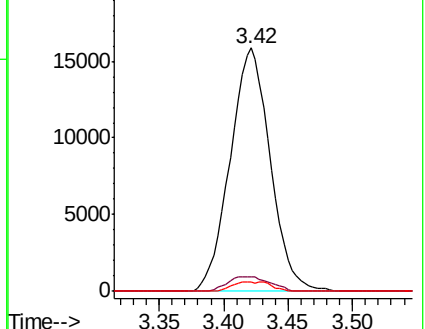
100 3.7 1.8 5.4



Abundance Ion 63.00 (62.70 to 63.70): VU033199.D (-706) (-)

Ion 98.00 (97.70 to 98.70): VU033199.D (-706) (-)

Ion 100.00 (99.70 to 100.70): VU033199.D (-706) (-)



#18

2-Butanone

Concen: 9.578 ug/l

RT: 4.26 min Scan# 985

Delta R.T. 0.01 min

Lab File: VU033206.D

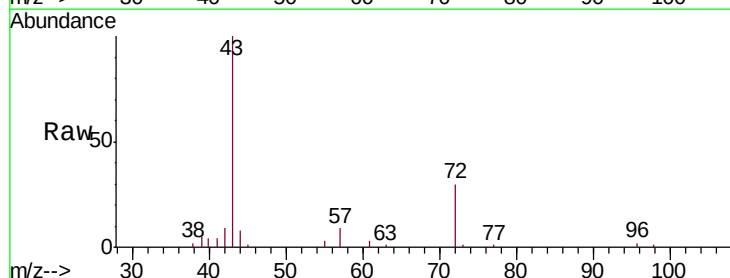
Acq: 11 Jul 2019 23:41

Tgt Ion: 43 Resp: 23917

Ion Ratio Lower Upper

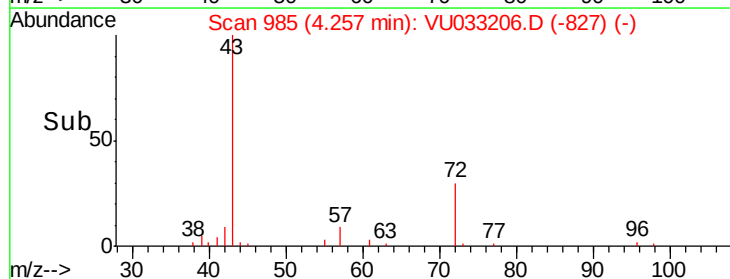
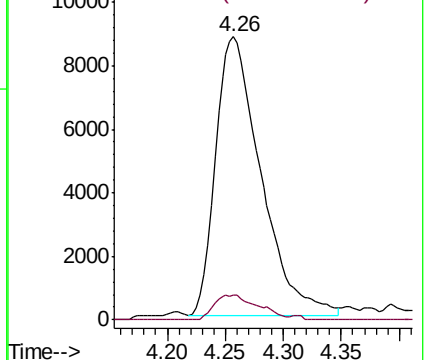
43 100

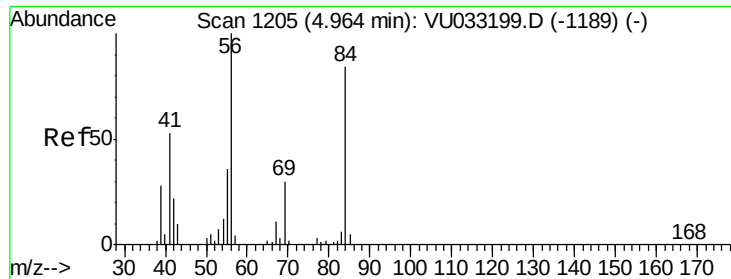
57 8.8 0.0 18.4



Abundance Ion 43.00 (42.70 to 43.70): VU033199.D (-967) (-)

Ion 57.00 (56.70 to 57.70): VU033199.D (-967) (-)

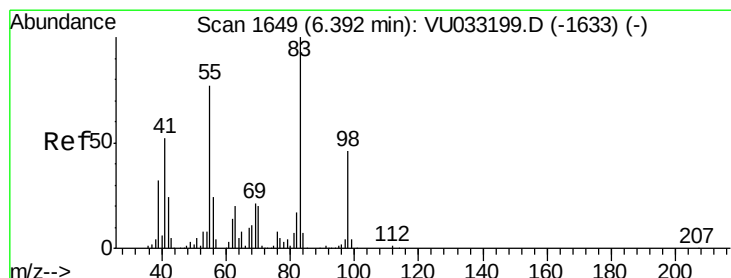
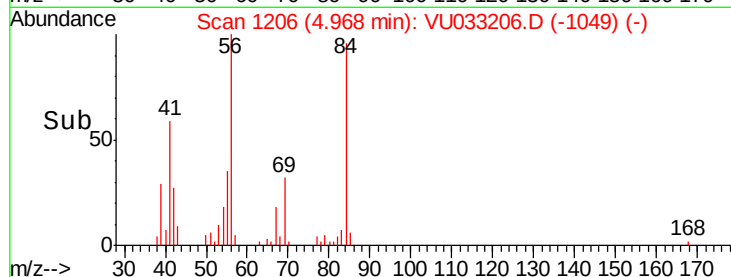
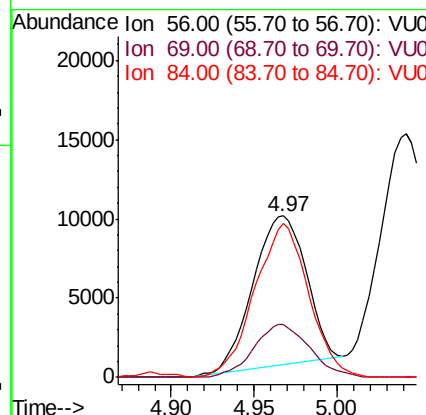
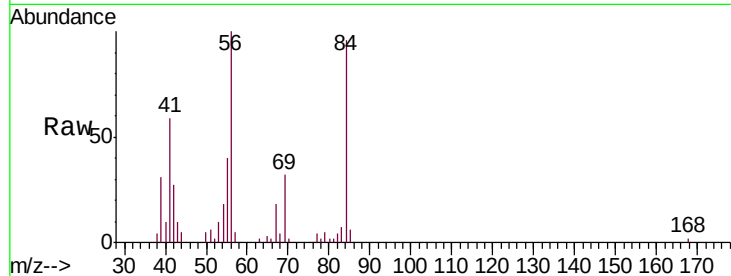




#19
Cyclohexane
Concen: 1.642 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

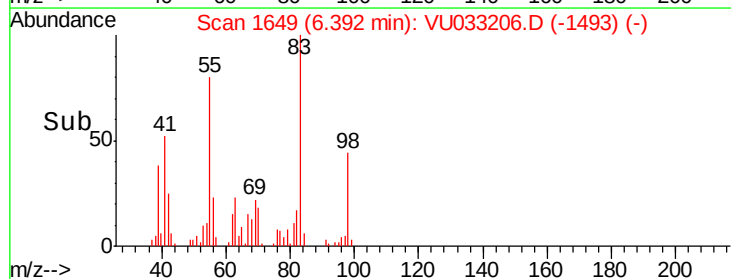
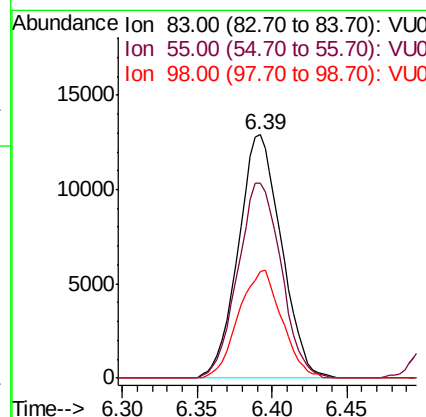
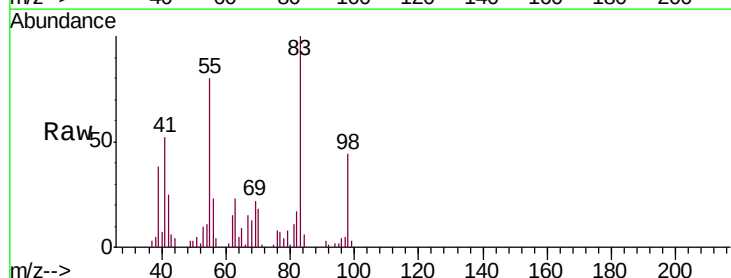
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

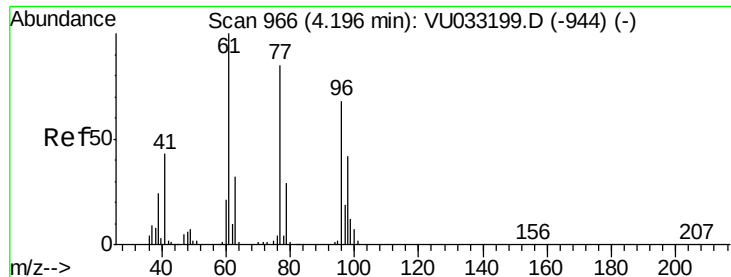
Tgt Ion: 56 Resp: 21010
Ion Ratio Lower Upper
56 100
69 37.2 24.6 37.0#
84 104.9 67.5 101.3#



#20
Methylcyclohexane
Concen: 1.928 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion: 83 Resp: 25859
Ion Ratio Lower Upper
83 100
55 80.7 62.0 93.0
98 44.6 36.3 54.5

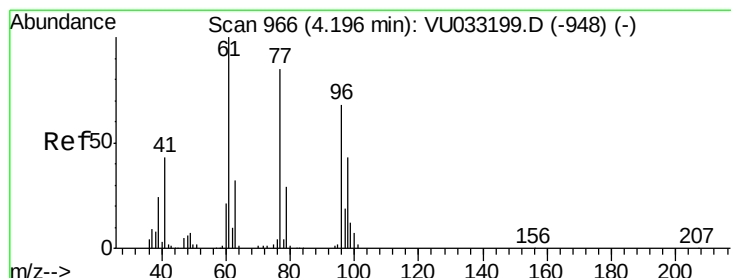
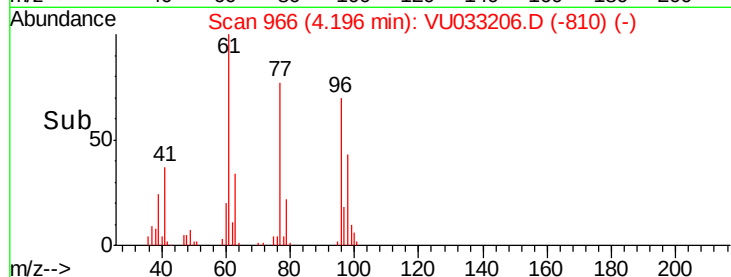
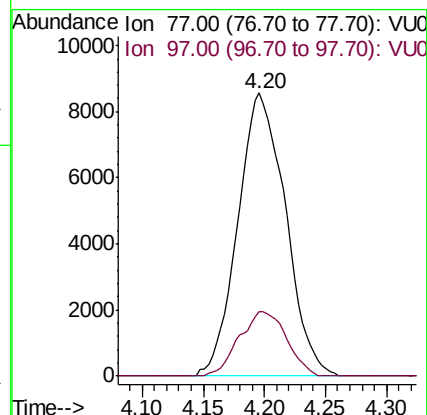
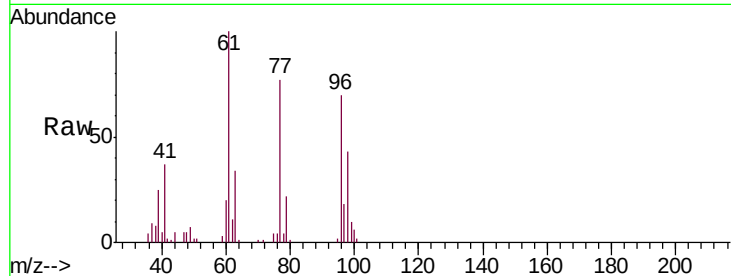




#21
 2,2-Dichloropropane
 Concen: 1.650 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

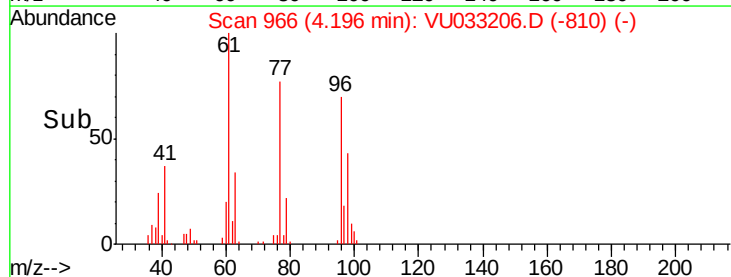
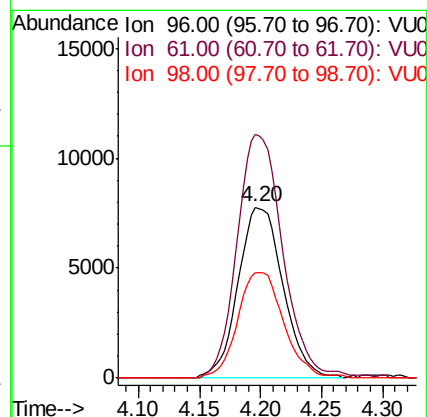
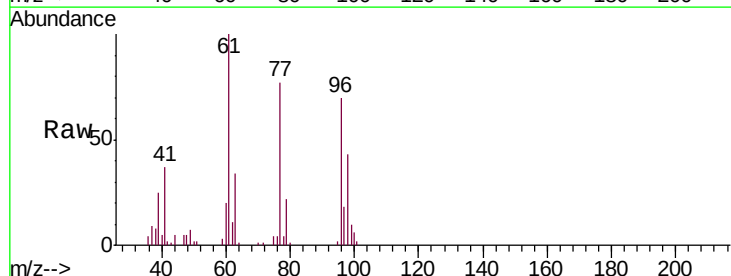
Instrument :
 MSVOA_U
 ClientSampleID :
 VU0711WBSD01

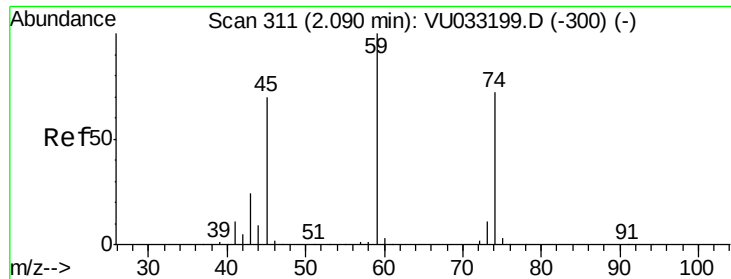
Tgt Ion: 77 Resp: 23196
 Ion Ratio Lower Upper
 77 100
 97 22.7 17.6 26.4



#22
 cis-1,2-Dichloroethene
 Concen: 2.071 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion: 96 Resp: 19826
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 377.3
 98 63.4 32.3 96.8

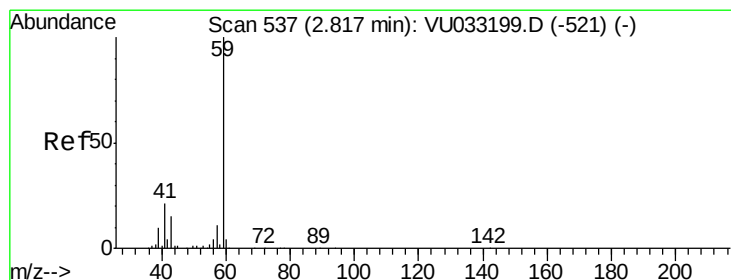
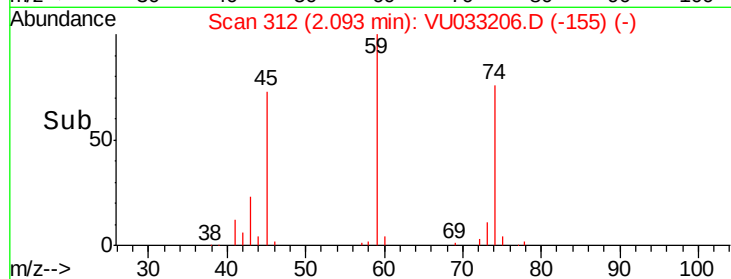
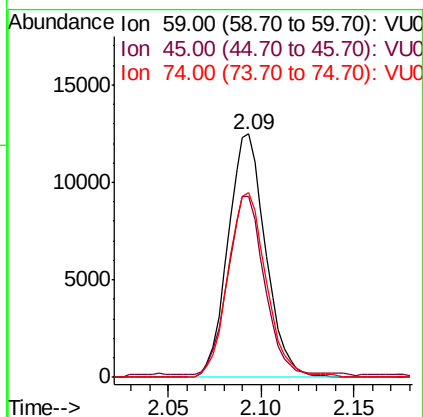
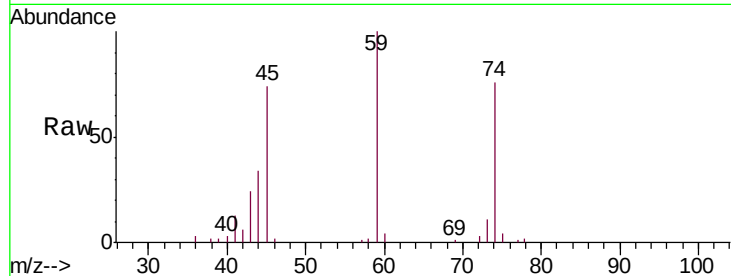




#23
Diethyl Ether
Concen: 1.996 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

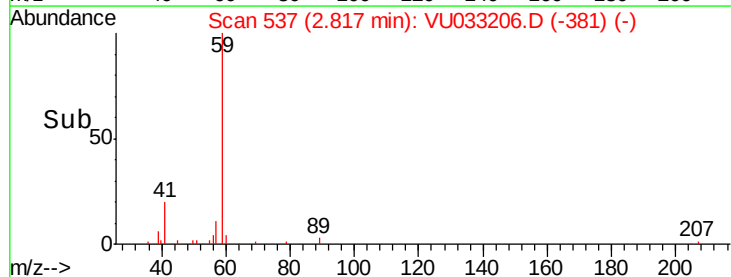
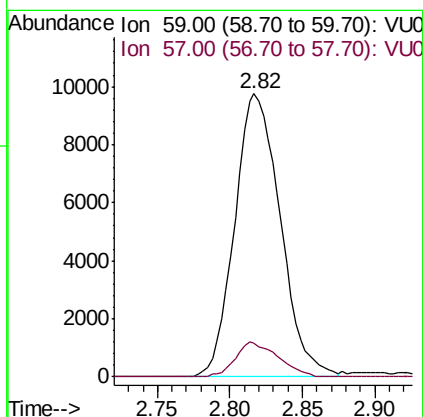
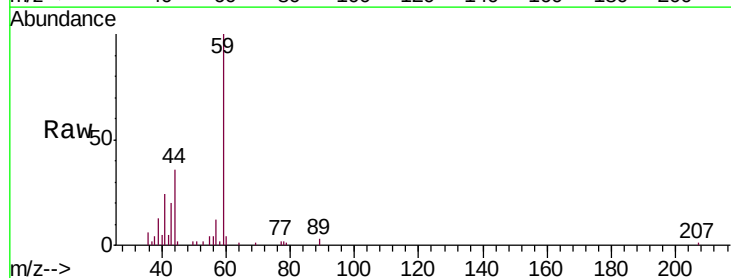
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

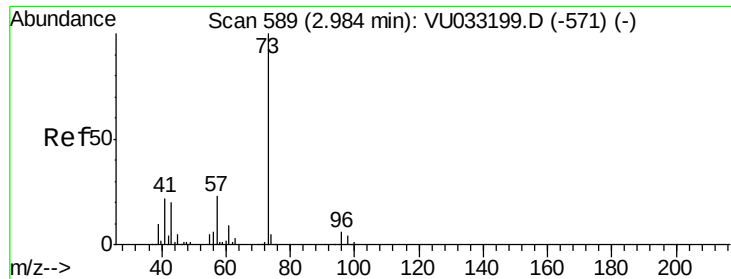
Tgt Ion: 59 Resp: 17518
Ion Ratio Lower Upper
59 100
45 71.9 55.7 83.5
74 77.4 58.1 87.1



#24
tert-Butyl Alcohol
Concen: 19.978 ug/l
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion: 59 Resp: 21370
Ion Ratio Lower Upper
59 100
57 11.4 8.5 12.7



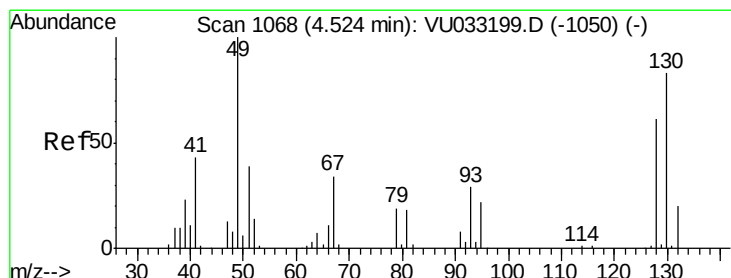
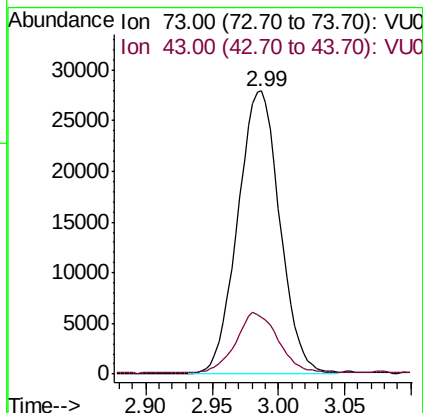
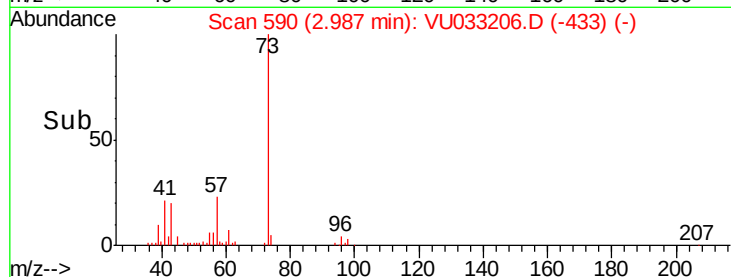
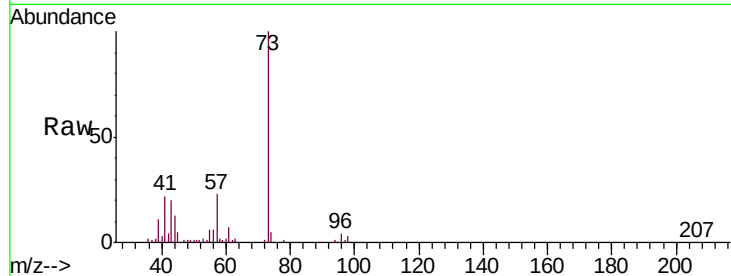


#25

Methyl tert-Butyl Ether
Concen: 2.108 ug/l
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

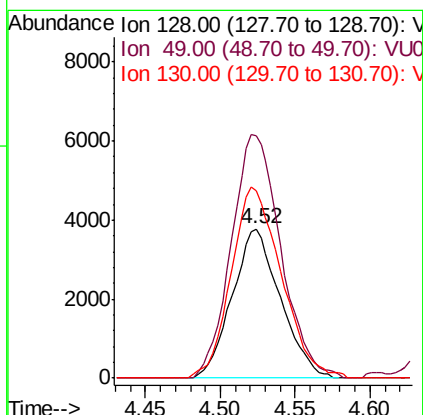
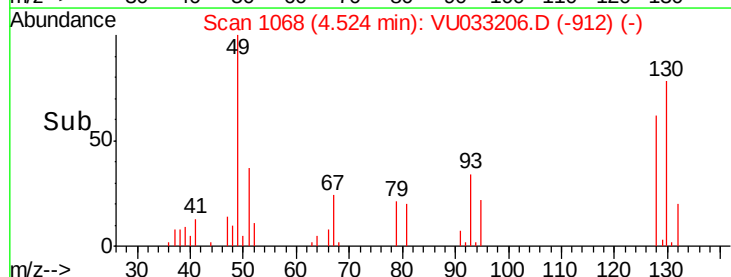
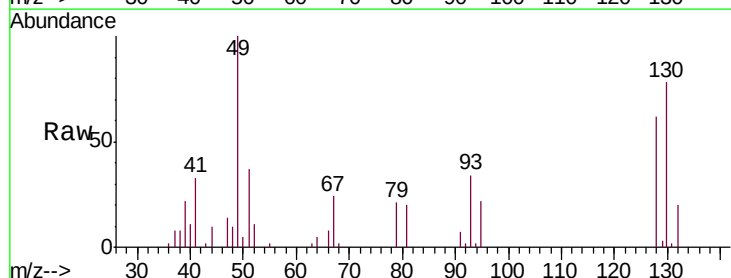
Tgt Ion: 73 Resp: 61855
Ion Ratio Lower Upper
73 100
43 21.0 16.1 24.1

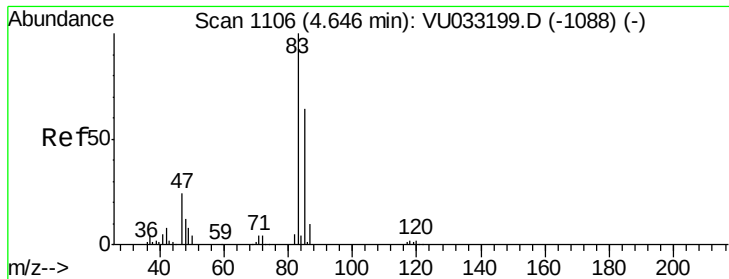


#26

Bromochloromethane
Concen: 1.993 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion: 128 Resp: 8454
Ion Ratio Lower Upper
128 100
49 168.1 0.0 328.6
130 133.3 104.1 156.1

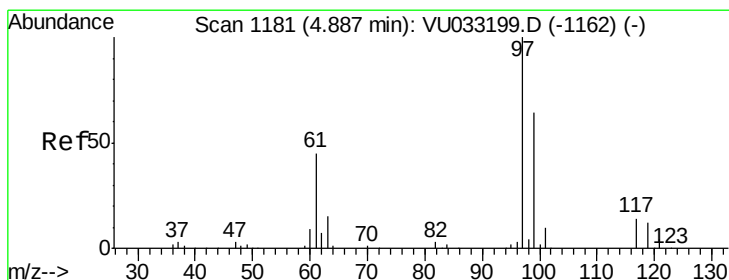
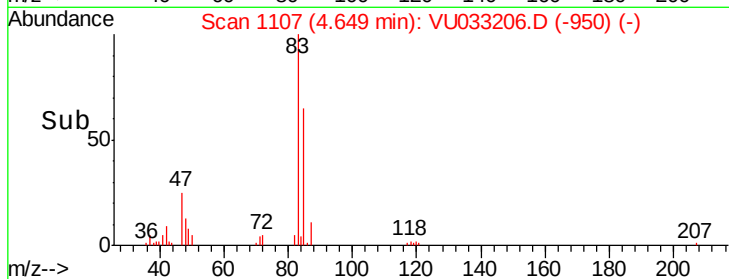
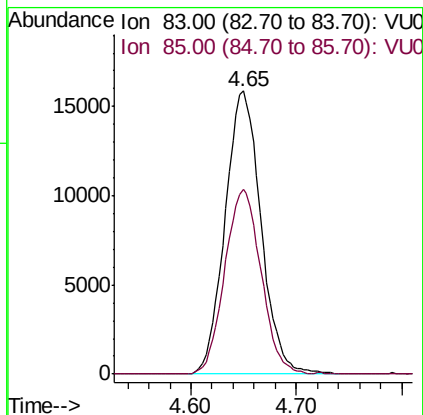
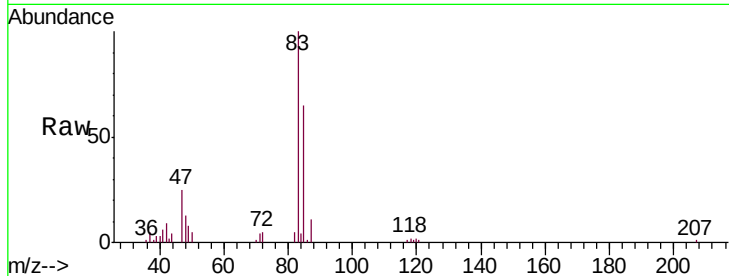




#27
Chloroform
Concen: 2.027 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

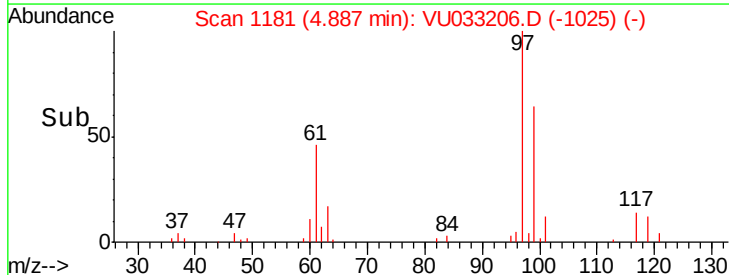
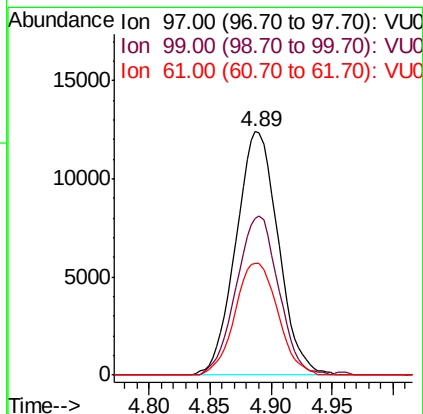
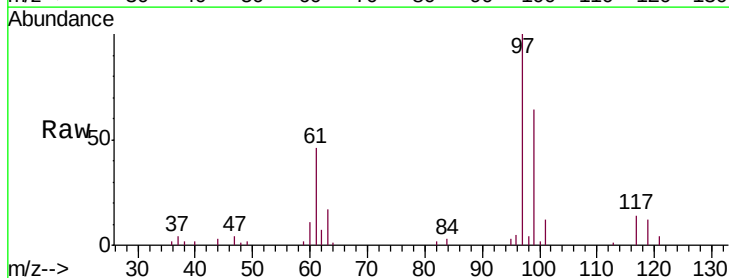
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

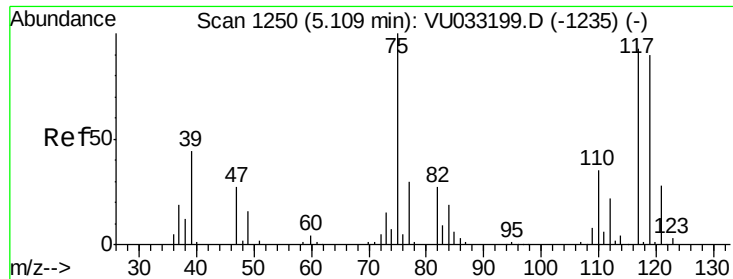
Tgt Ion: 83 Resp: 37453
Ion Ratio Lower Upper
83 100
85 65.4 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 2.040 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion: 97 Resp: 29843
Ion Ratio Lower Upper
97 100
99 65.0 31.9 95.5
61 46.4 22.6 67.7

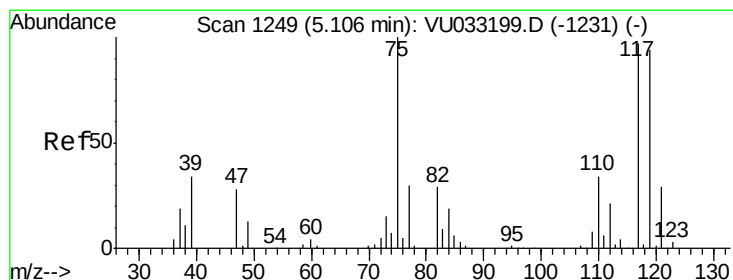
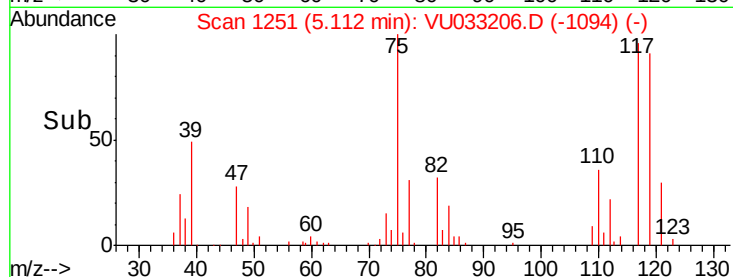
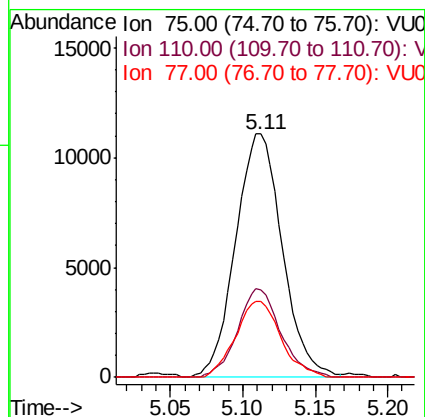
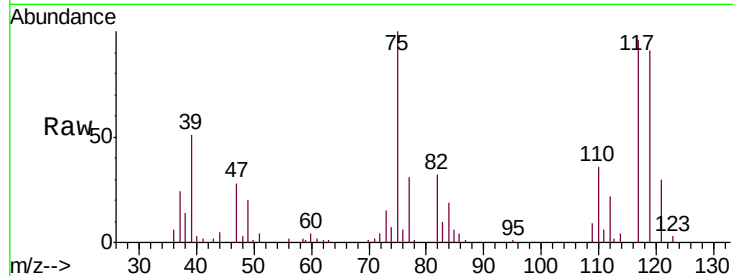




#29
 1,1-Dichloropropene
 Concen: 2.016 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

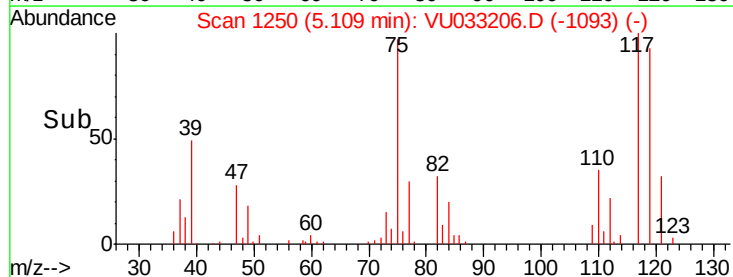
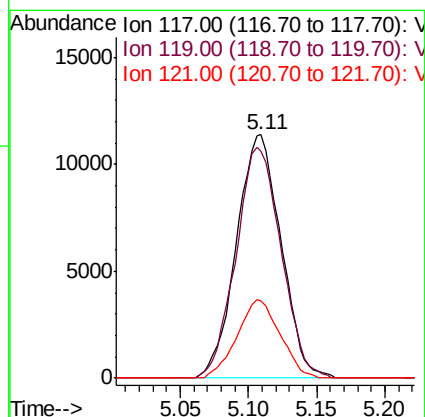
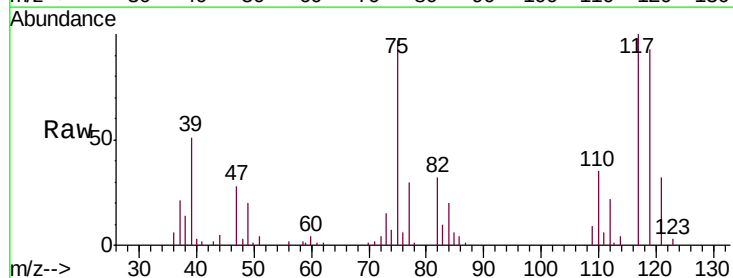
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

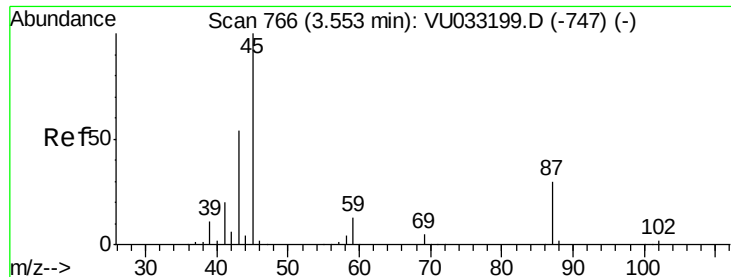
Tgt Ion: 75 Resp: 24874
 Ion Ratio Lower Upper
 75 100
 110 33.6 17.5 52.6
 77 30.1 24.6 37.0



#30
 Carbon Tetrachloride
 Concen: 2.001 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion: 117 Resp: 25852
 Ion Ratio Lower Upper
 117 100
 119 93.0 77.4 116.0
 121 31.9 24.2 36.2





#31

Isopropyl Ether

Concen: 2.025 ug/l

RT: 3.56 min Scan# 767

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

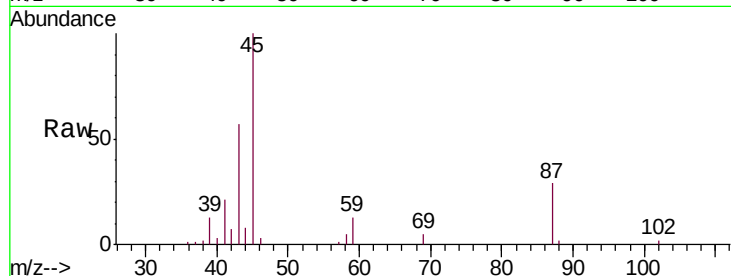
VU0711WBSD01

Tgt Ion: 45 Resp: 45504

Ion Ratio Lower Upper

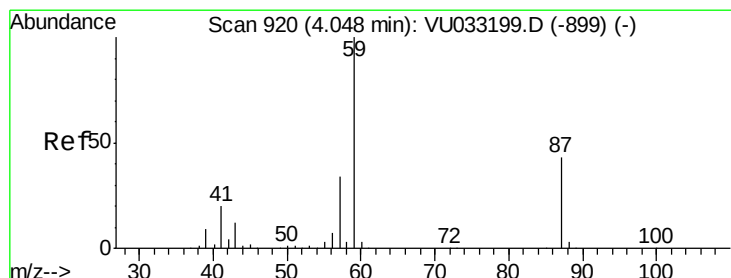
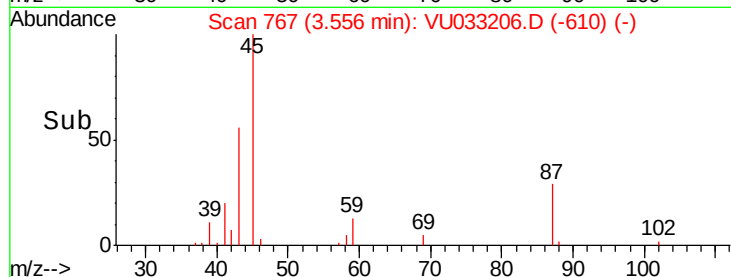
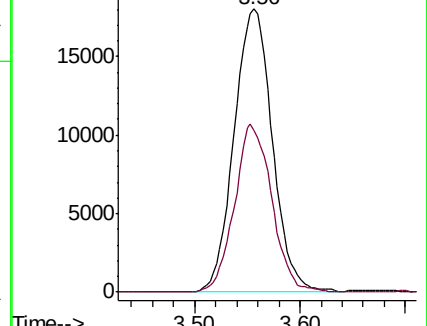
45 100

43 57.7 27.3 81.8



Abundance Ion 45.00 (44.70 to 45.70): VU033199.D (-747) (-)

Ion 43.00 (42.70 to 43.70): VU033199.D (-747) (-)



#32

Ethyl-t-butyl ether

Concen: 1.961 ug/l

RT: 4.05 min Scan# 920

Delta R.T. 0.00 min

Lab File: VU033206.D

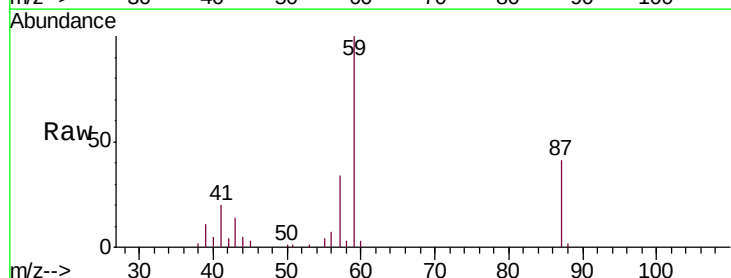
Acq: 11 Jul 2019 23:41

Tgt Ion: 59 Resp: 42965

Ion Ratio Lower Upper

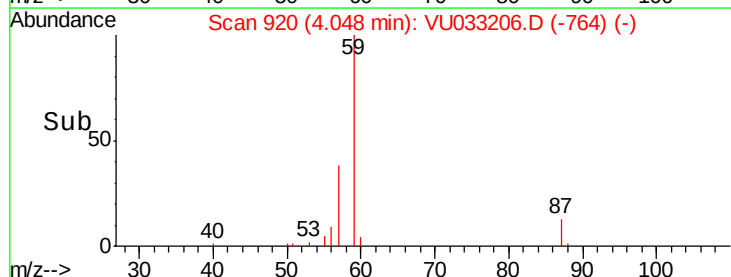
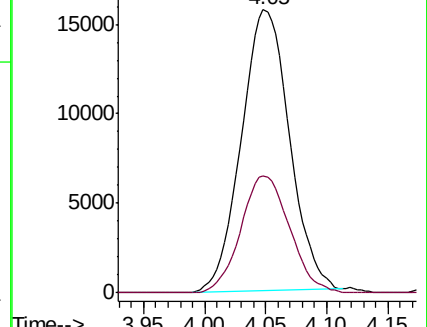
59 100

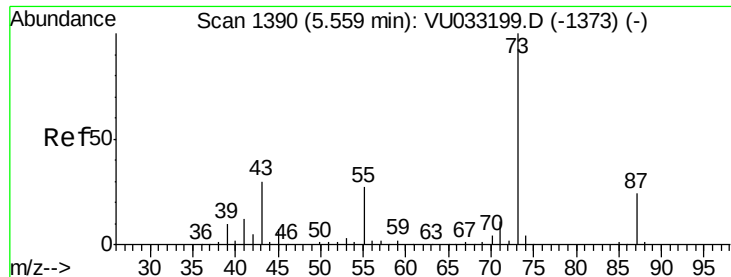
87 42.2 34.5 51.7



Abundance Ion 59.00 (58.70 to 59.70): VU033199.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VU033199.D (-899) (-)

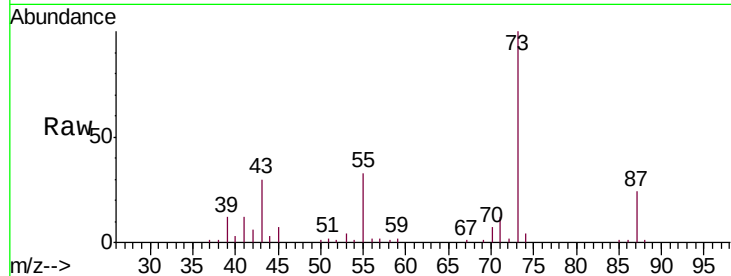




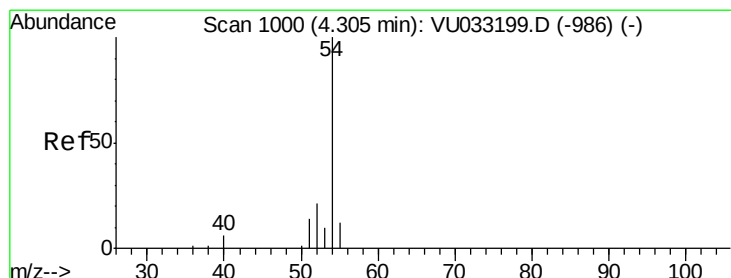
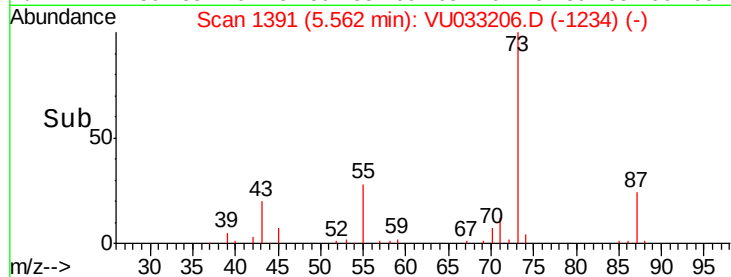
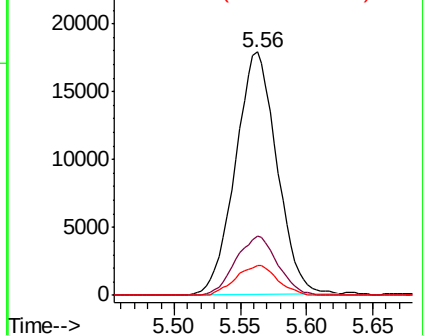
#33
Tert-Amyl methyl ether
Concen: 1.926 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

Tgt Ion: 73 Resp: 38890
Ion Ratio Lower Upper
73 100
87 24.5 19.8 29.6
71 12.2 9.1 13.7

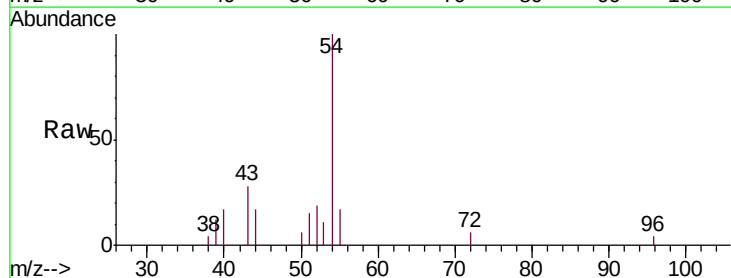


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

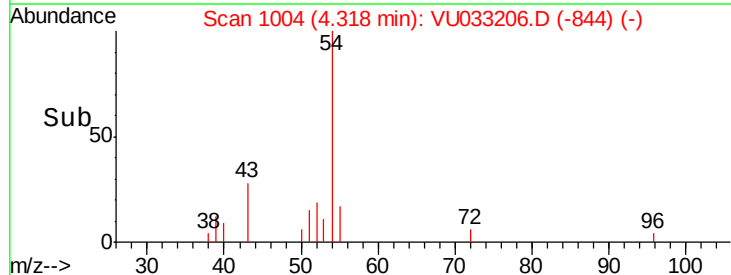
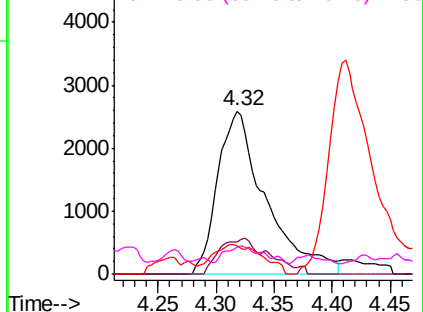


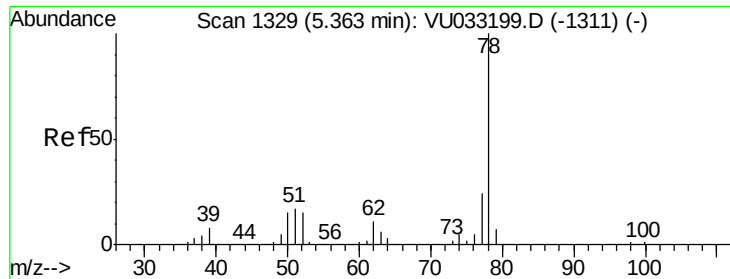
#34
Propionitrile
Concen: 10.568 ug/l
RT: 4.32 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion: 54 Resp: 7477
Ion Ratio Lower Upper
54 100
52 15.9 16.7 25.1#
55 18.6 12.9 19.3
40 8.4 4.8 7.2#



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: 2.048 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

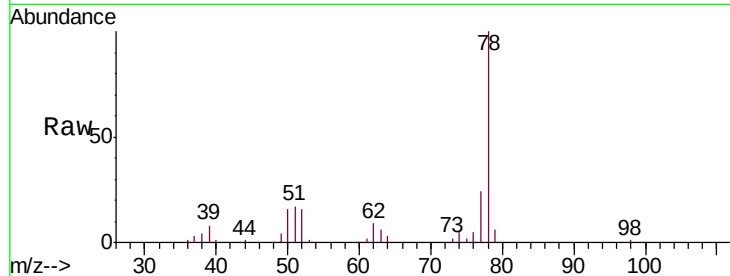
VU0711WBSD01

Tgt Ion: 78 Resp: 73689

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU033199.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033199.D (-1311) (-)

5.36

40000

30000

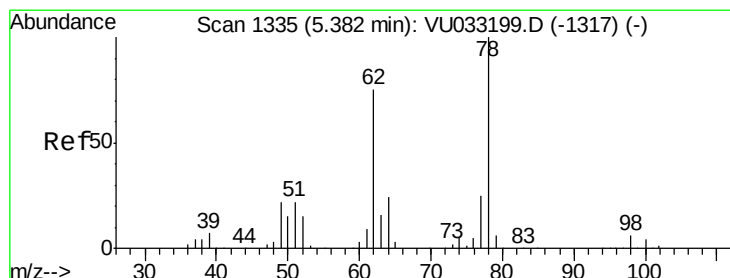
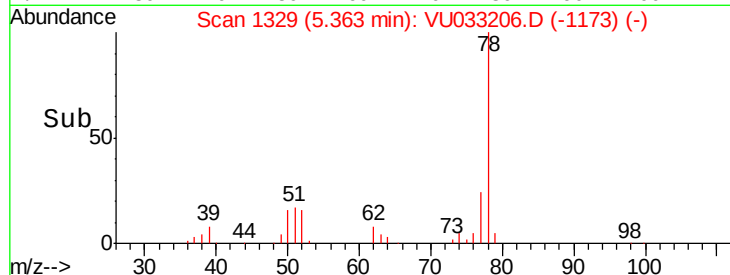
20000

10000

0

5.30 5.40 5.50

Time-->



#36

1,2-Dichloroethane

Concen: 2.075 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU033206.D

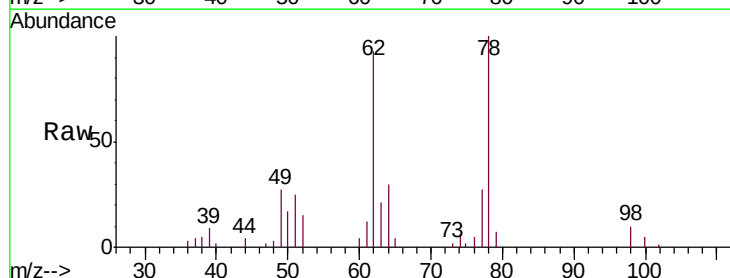
Acq: 11 Jul 2019 23:41

Tgt Ion: 62 Resp: 24164

Ion Ratio Lower Upper

62 100

98 9.1 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU033199.D (-1317) (-)

Ion 98.00 (97.70 to 98.70): VU033199.D (-1317) (-)

5.39

12000

10000

8000

6000

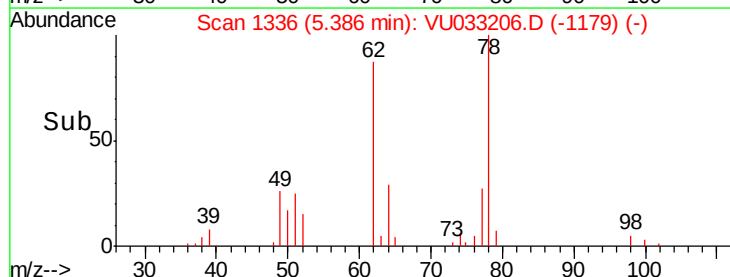
4000

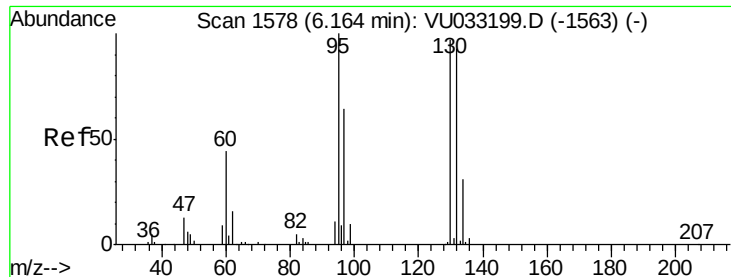
2000

0

5.30 5.35 5.40 5.45 5.50

Time-->





#37

Trichloroethene

Concen: 2.056 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

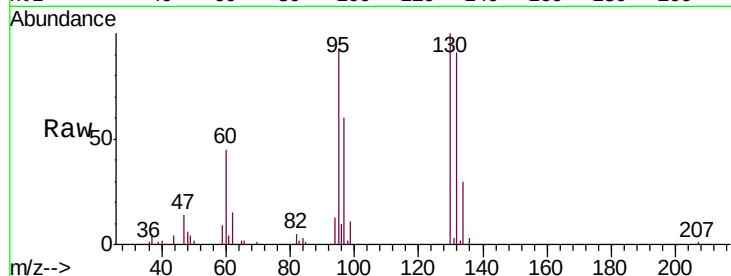
VU0711WBSD01

Tgt Ion:130 Resp: 19333

Ion Ratio Lower Upper

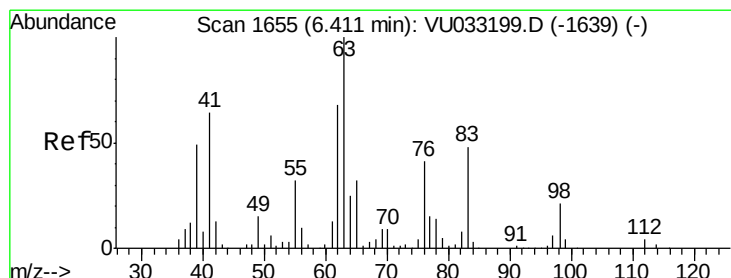
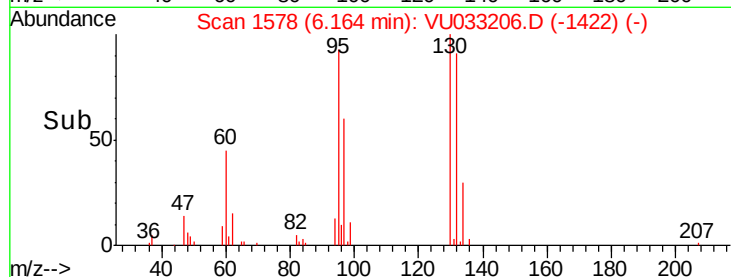
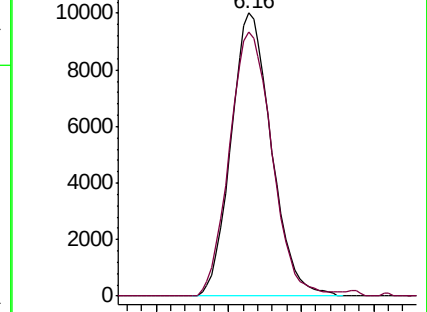
130 100

95 93.1 82.4 123.6



Abundance Ion 129.90 (129.60 to 130.60): VU033199.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033199.D (-1563) (-)



#38

1,2-Dichloropropane

Concen: 2.082 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VU033206.D

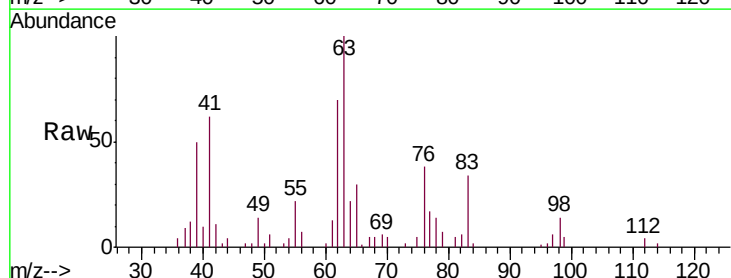
Acq: 11 Jul 2019 23:41

Tgt Ion: 63 Resp: 20256

Ion Ratio Lower Upper

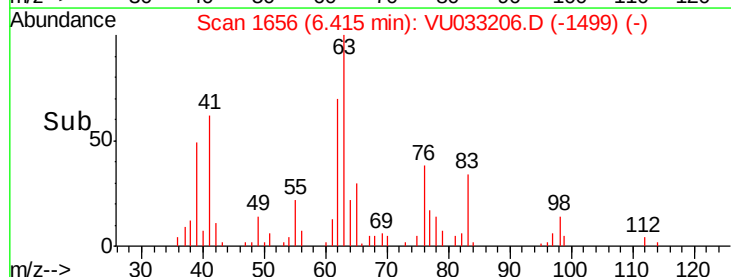
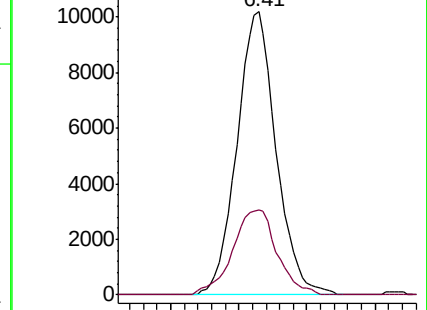
63 100

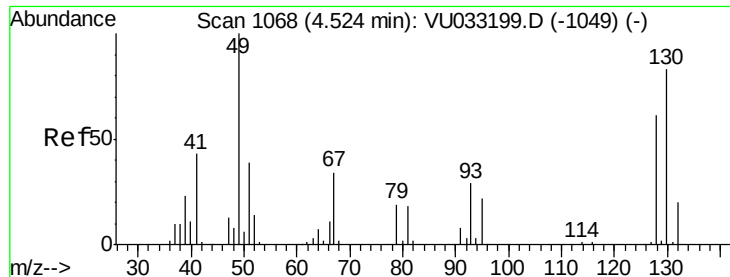
65 30.0 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU033199.D (-1639) (-)

Ion 65.00 (64.70 to 65.70): VU033199.D (-1639) (-)

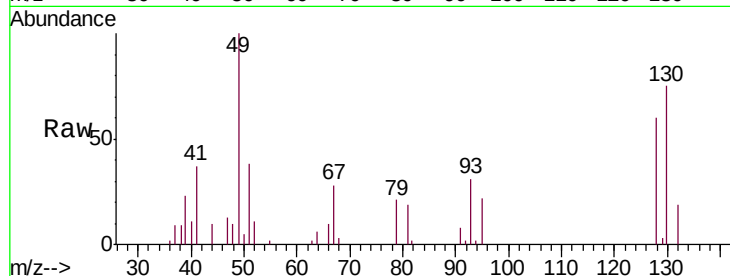




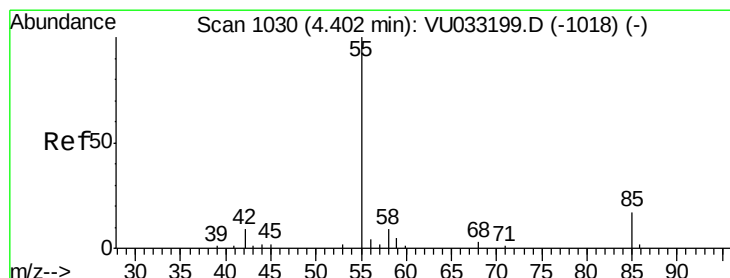
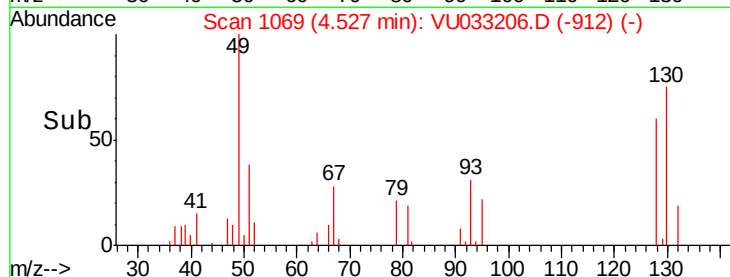
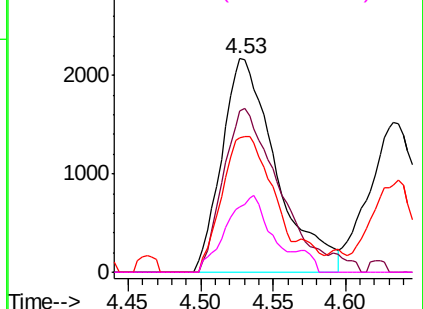
#39
Methacrylonitrile
Concen: 1.932 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

Tgt Ion:	41	Resp:	5666
Ion	Ratio	Lower	Upper
41	100		
67	80.2	61.0	91.4
39	59.5	44.4	66.6
52	29.2	25.7	38.5

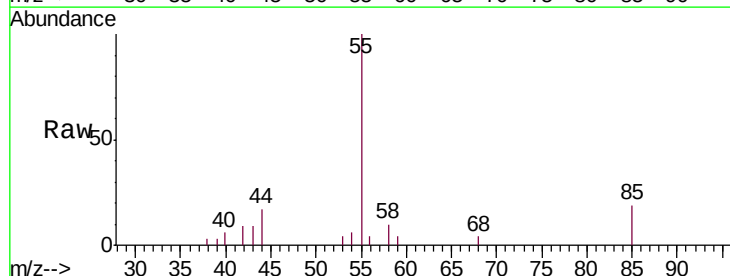


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

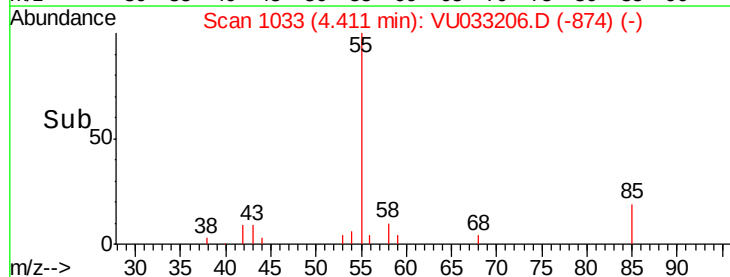
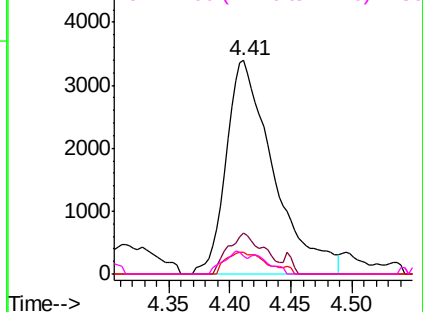


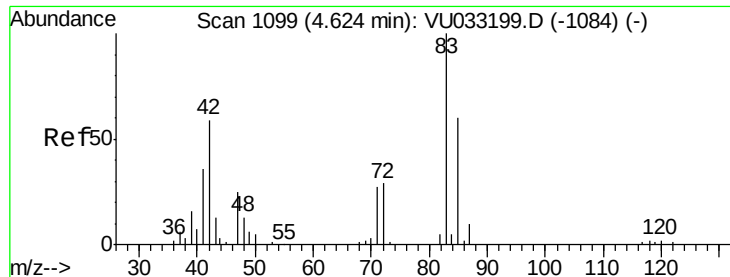
#40
Methyl acrylate
Concen: 2.107 ug/l
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion:	55	Resp:	9151
Ion	Ratio	Lower	Upper
55	100		
85	14.5	13.0	19.6
58	8.8	7.0	10.4
42	5.2	7.8	11.8#



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.839 ug/l

RT: 4.63 min Scan# 1101

Delta R.T. 0.01 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

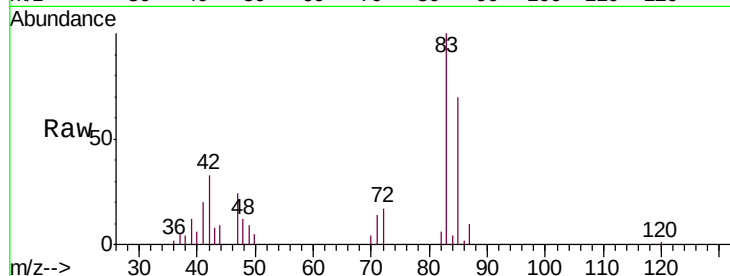
Tgt Ion: 42 Resp: 5907

Ion Ratio Lower Upper

42 100

72 45.3 40.7 61.1

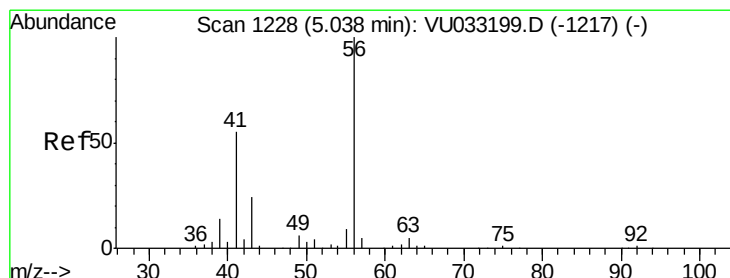
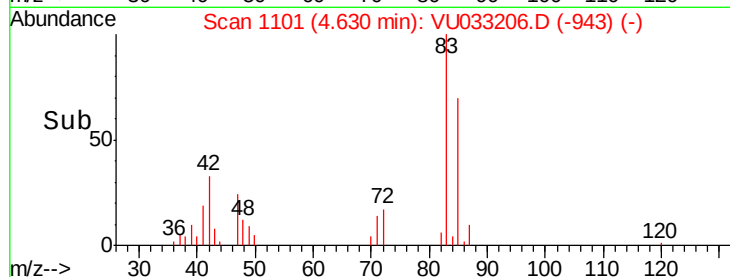
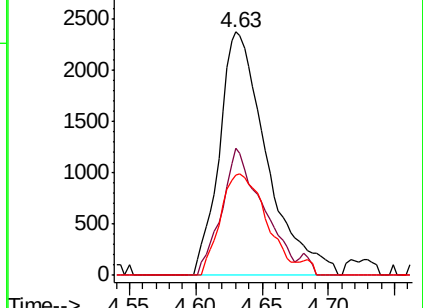
71 40.7 35.4 53.0



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 2.002 ug/l

RT: 5.04 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU033206.D

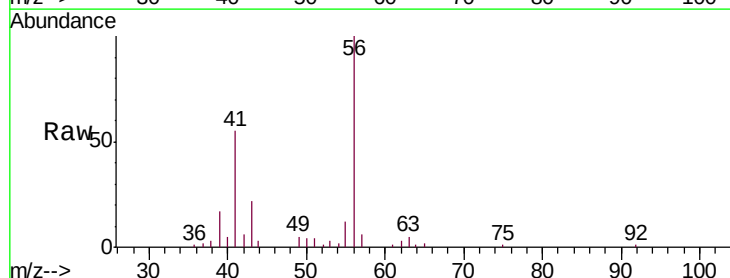
Acq: 11 Jul 2019 23:41

Tgt Ion: 56 Resp: 33541

Ion Ratio Lower Upper

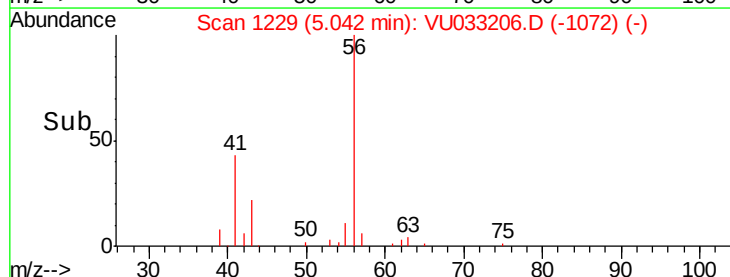
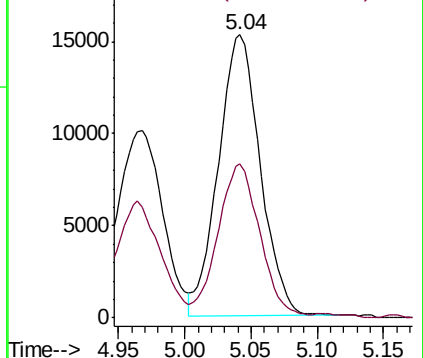
56 100

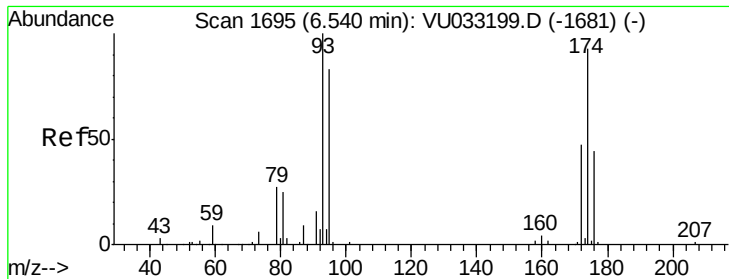
41 55.2 26.5 79.4



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.988 ug/l

RT: 6.54 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

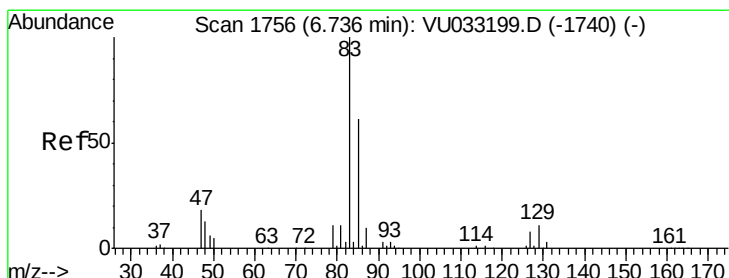
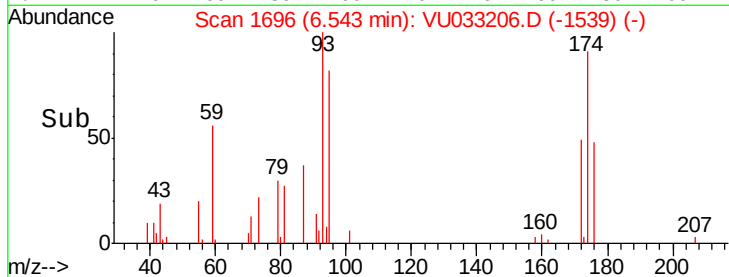
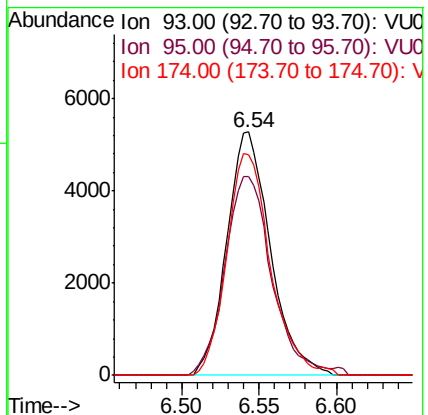
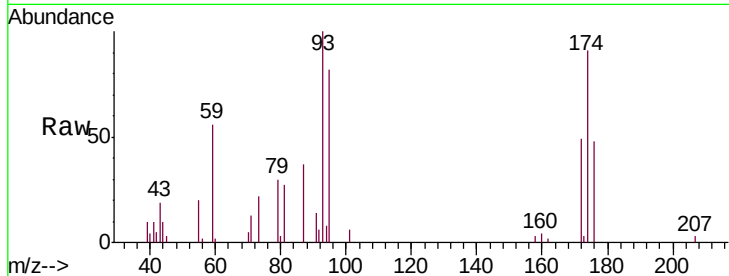
Tgt Ion: 93 Resp: 10342

Ion Ratio Lower Upper

93 100

95 87.8 67.5 101.3

174 91.3 74.2 111.2



#44

Bromodichloromethane

Concen: 2.040 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

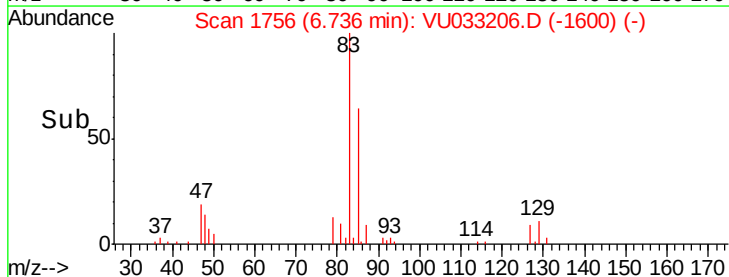
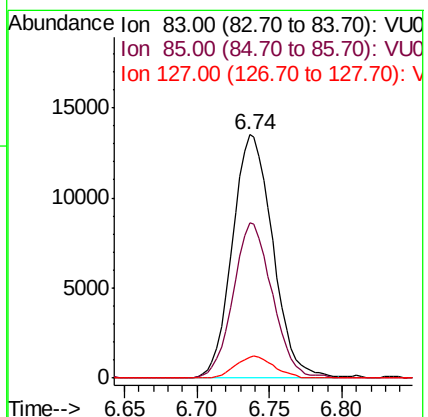
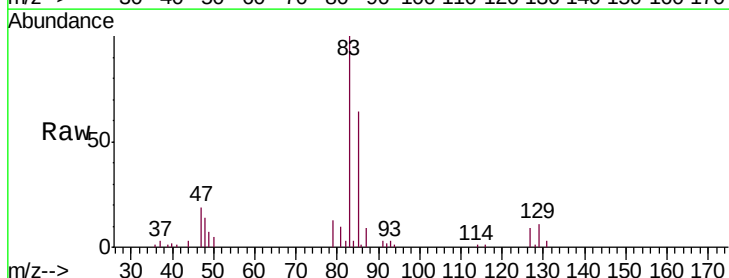
Tgt Ion: 83 Resp: 26155

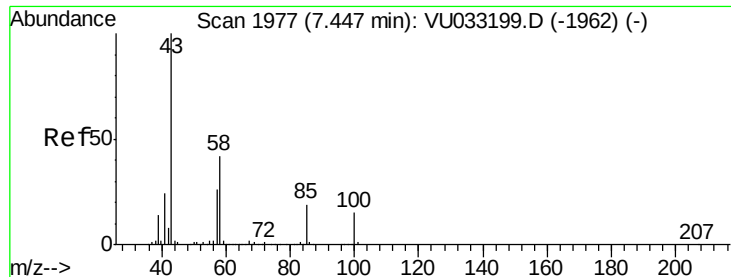
Ion Ratio Lower Upper

83 100

85 63.7 49.1 73.7

127 8.8 6.6 9.8

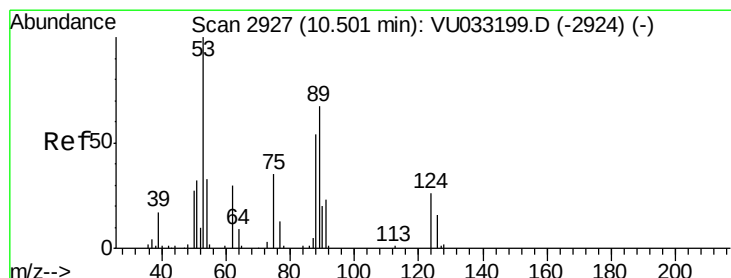
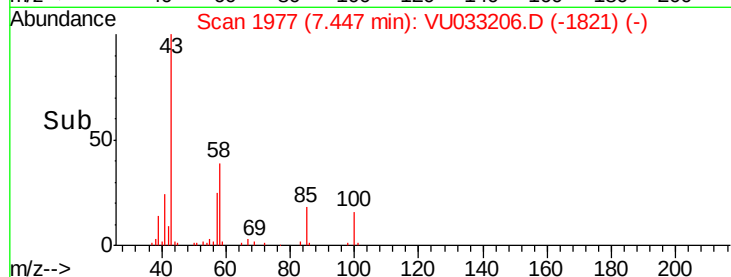
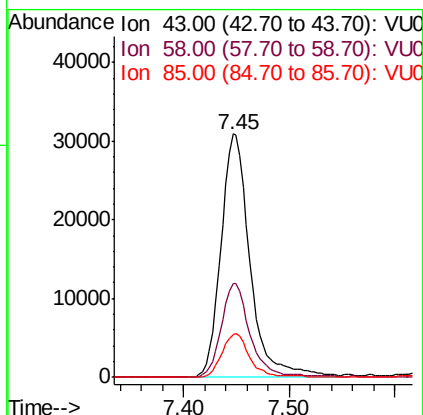
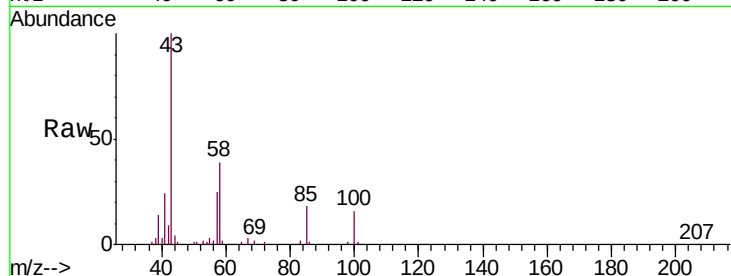




#45
 4-Methyl-2-Pentanone
 Concen: 10.085 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

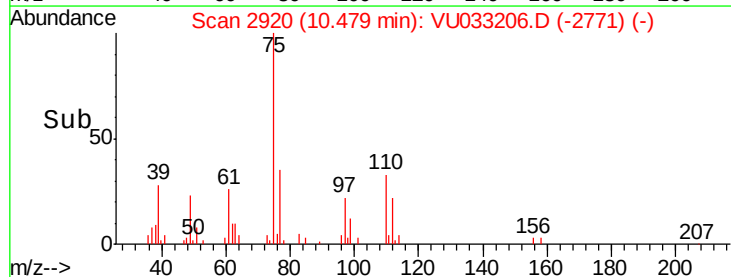
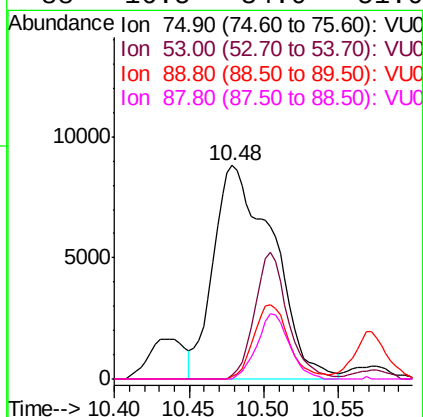
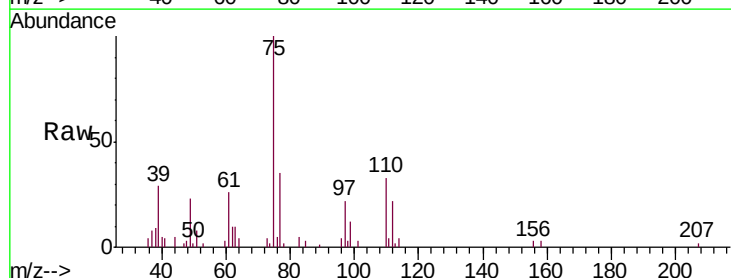
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

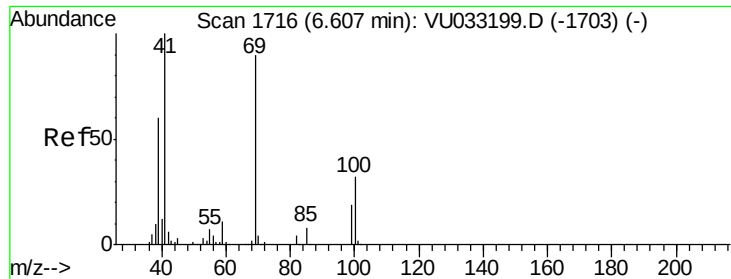
Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.9	20.4	61.2
85	16.8	14.7	22.1



#46
 t-1,4-Dichloro-2-butene
 Concen: 9.785 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.02 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion	Ratio	Lower	Upper
75	100		
53	32.8	63.8	95.6#
89	20.7	44.0	66.0#
88	16.5	34.0	51.0#





#47

Methyl methacrylate

Concen: 3.961 ug/l

RT: 6.61 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

Tgt Ion: 69 Resp: 16672

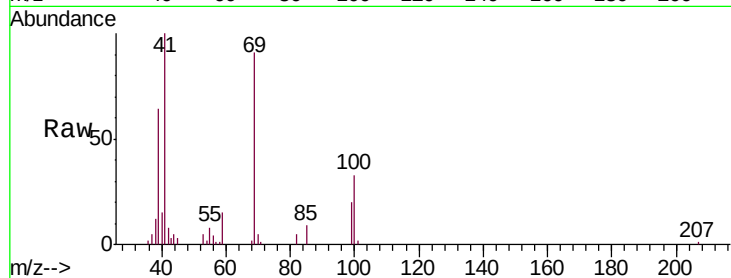
Ion Ratio Lower Upper

69 100

41 113.2 0.0 217.0

39 70.7 52.1 78.1

100 35.7 28.2 42.4

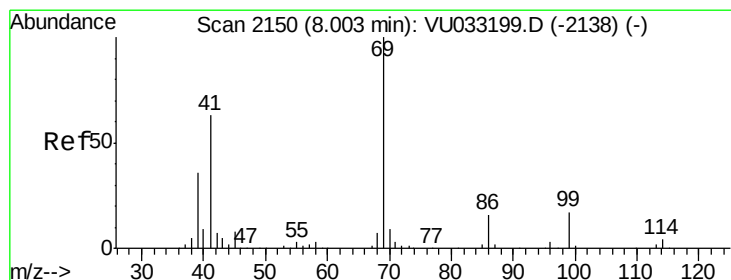
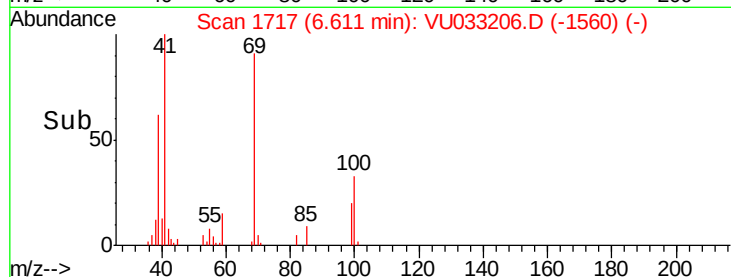
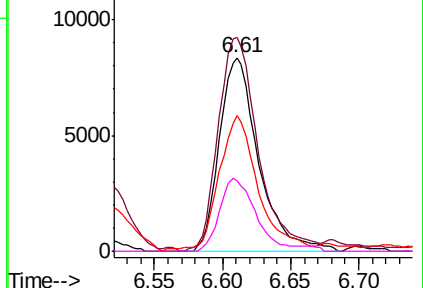


Abundance Ion 69.00 (68.70 to 69.70): VU033199.D (-1703) (-)

Ion 41.00 (40.70 to 41.70): VU033199.D (-1703) (-)

Ion 39.00 (38.70 to 39.70): VU033199.D (-1703) (-)

Ion 100.00 (99.70 to 100.70): VU033199.D (-1703) (-)



#48

Ethyl methacrylate

Concen: 1.904 ug/l

RT: 8.01 min Scan# 2151

Delta R.T. 0.00 min

Lab File: VU033206.D

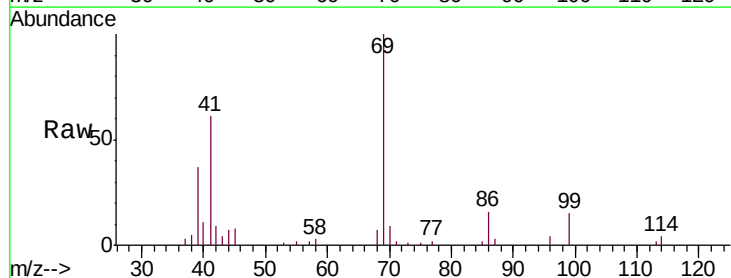
Acq: 11 Jul 2019 23:41

Tgt Ion: 69 Resp: 15065

Ion Ratio Lower Upper

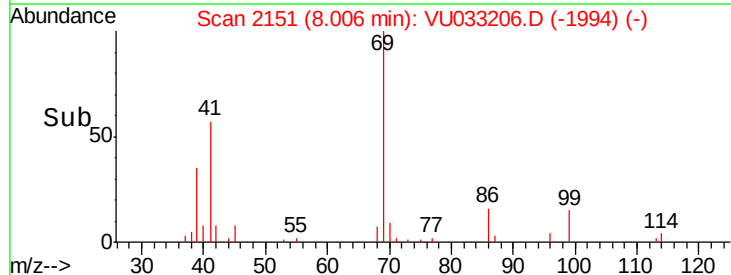
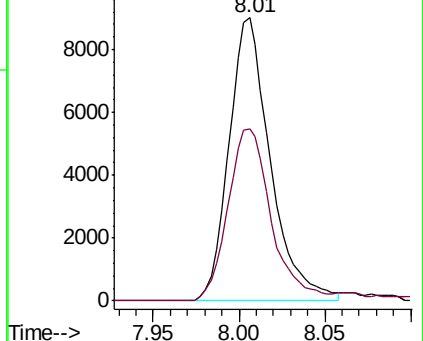
69 100

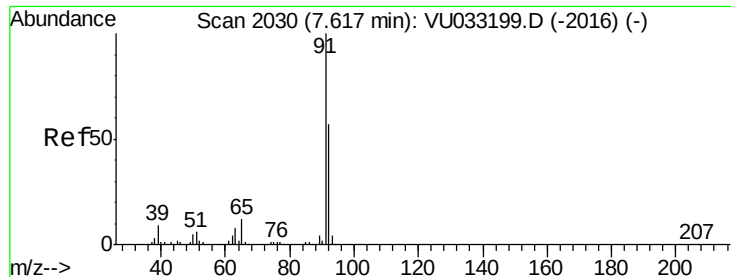
41 63.9 31.3 93.8



Abundance Ion 69.00 (68.70 to 69.70): VU033199.D (-2138) (-)

Ion 41.00 (40.70 to 41.70): VU033199.D (-2138) (-)





#49

Toluene

Concen: 1.974 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

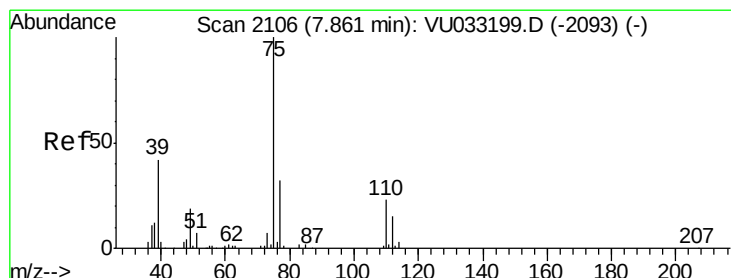
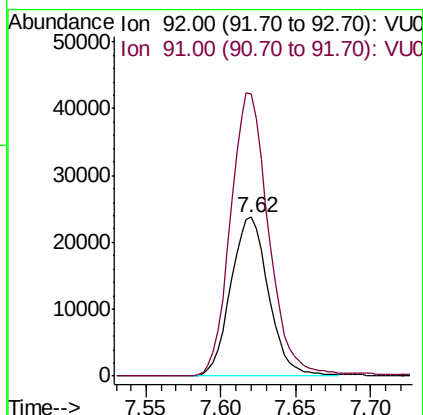
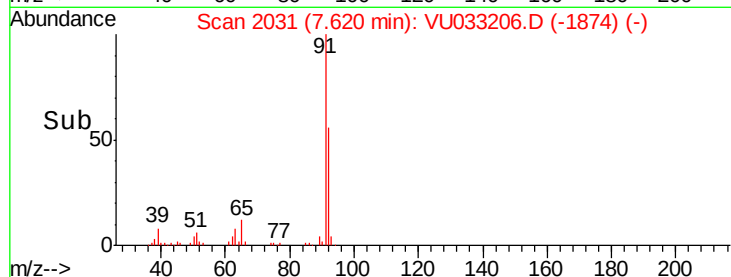
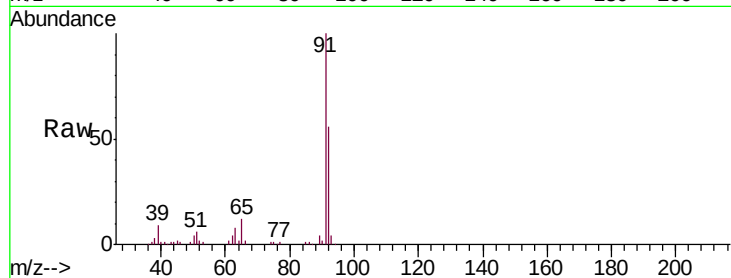
VU0711WBSD01

Tgt Ion: 92 Resp: 41889

Ion Ratio Lower Upper

92 100

91 179.3 141.2 211.8



#50

t-1,3-Dichloropropene

Concen: 1.955 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033206.D

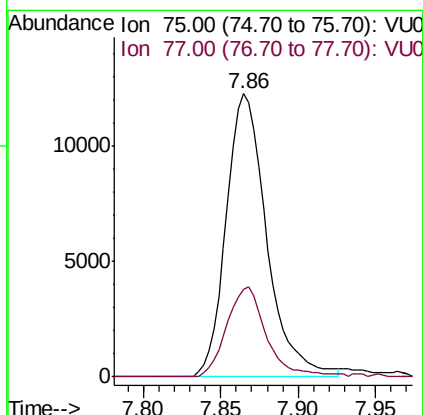
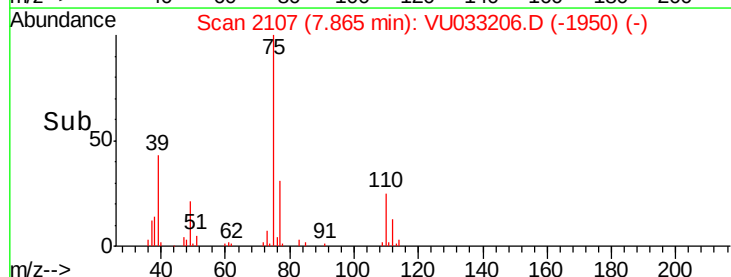
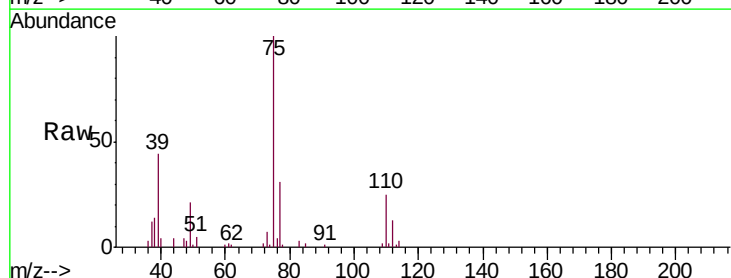
Acq: 11 Jul 2019 23:41

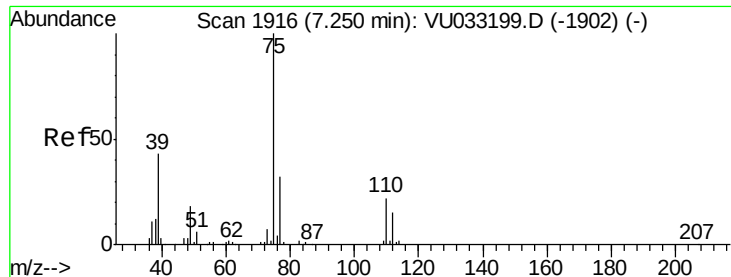
Tgt Ion: 75 Resp: 22240

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



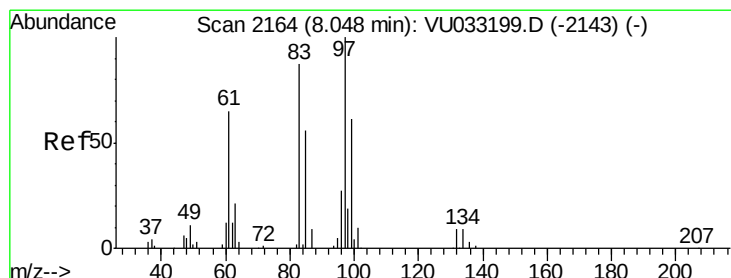
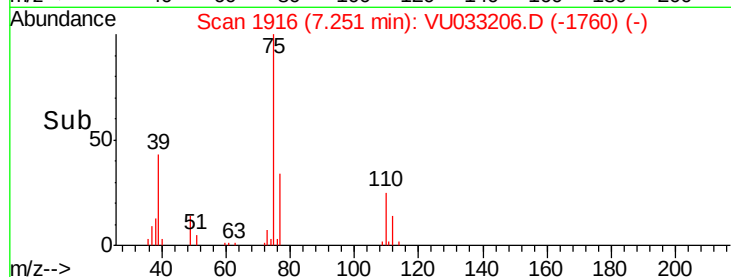
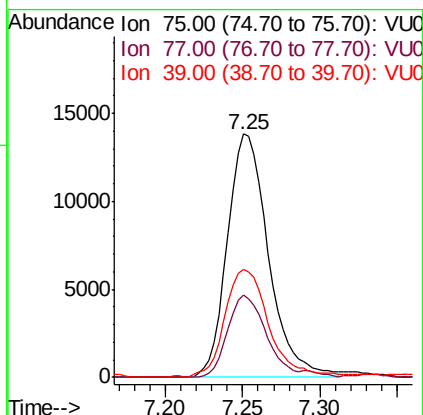
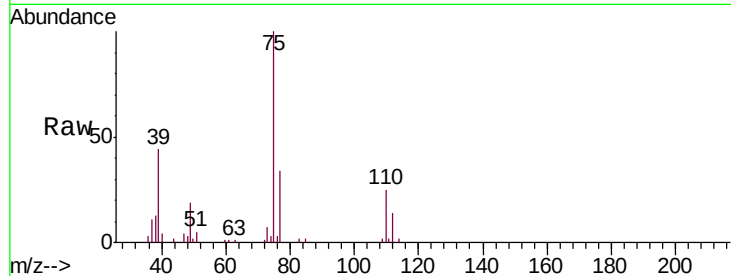


#51

cis-1,3-Dichloropropene
 Concen: 1.942 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

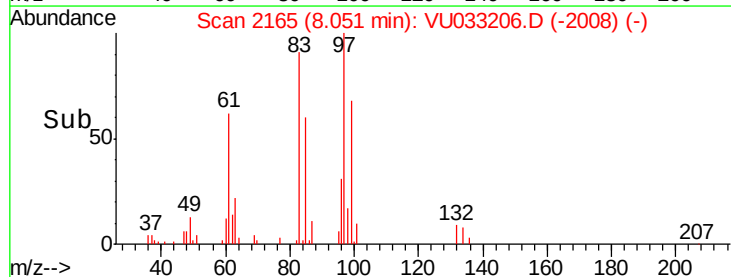
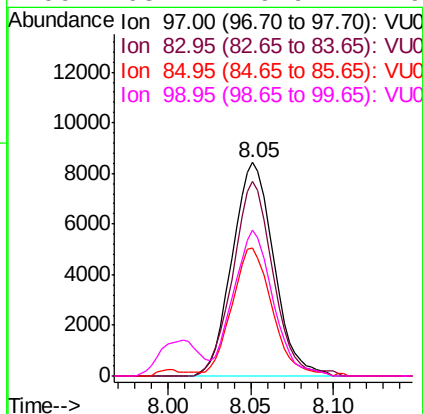
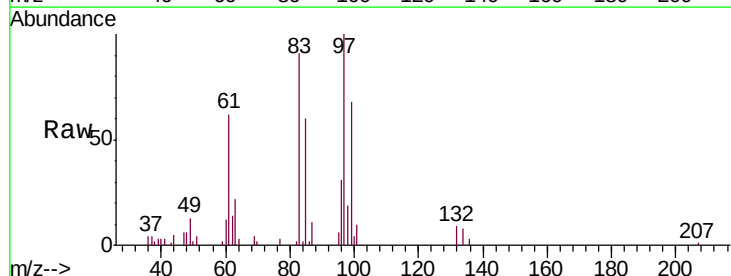
Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.4	38.0
39	44.2	34.5	51.7

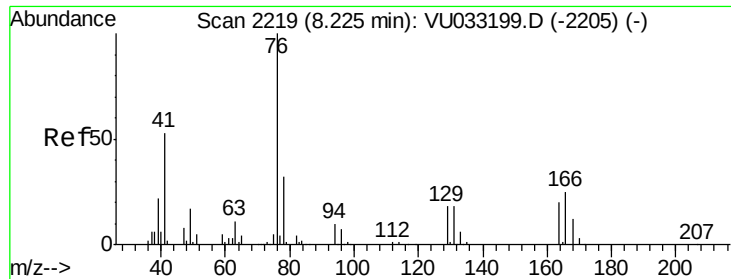


#52

1,1,2-Trichloroethane
 Concen: 2.041 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.9	104.9
85	58.8	45.2	67.8
99	68.1	49.9	74.9

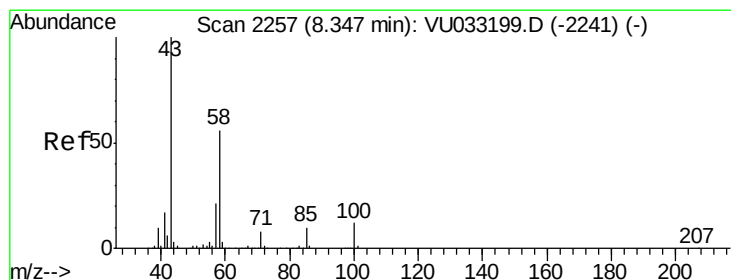
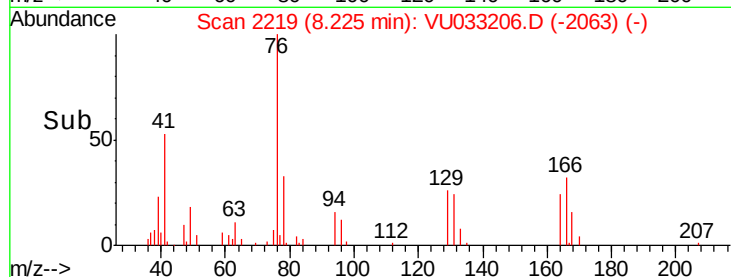
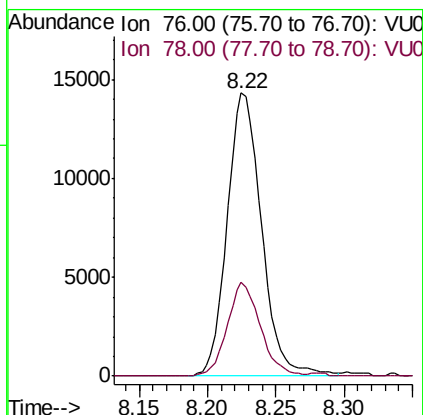
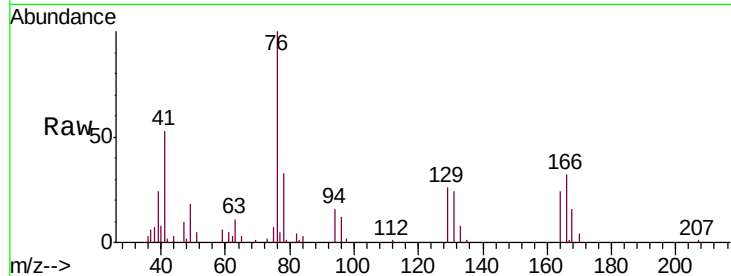




#53
 1,3-Dichloropropane
 Concen: 2.056 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

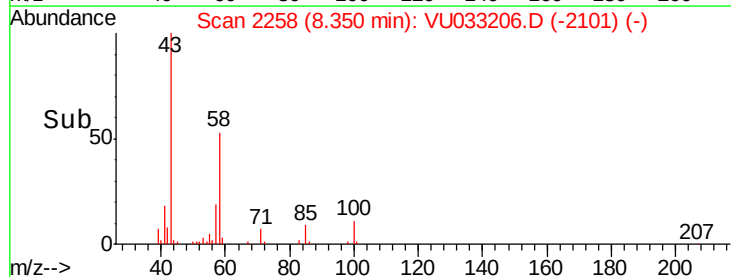
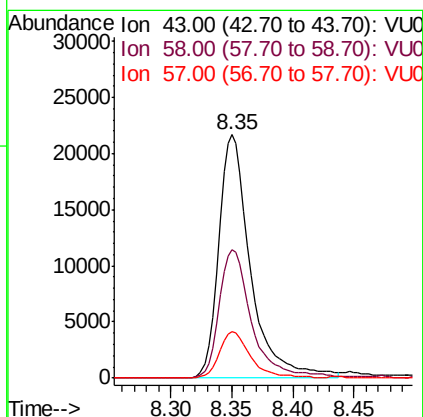
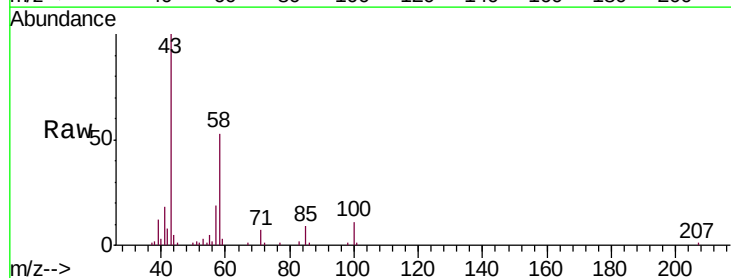
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

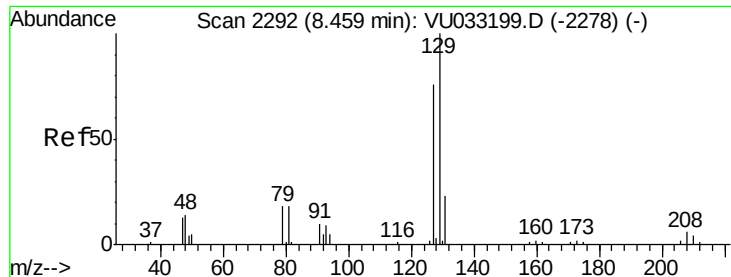
Tgt Ion: 76 Resp: 25170
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9



#54
 2-Hexanone
 Concen: 9.735 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion: 43 Resp: 39867
 Ion Ratio Lower Upper
 43 100
 58 54.1 35.8 75.8
 57 18.6 0.2 40.2

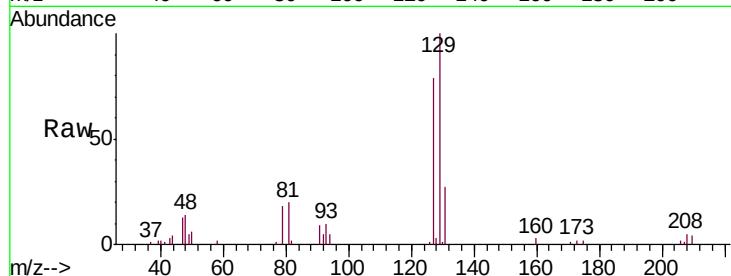




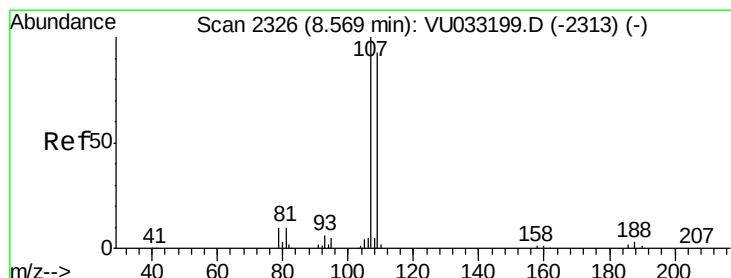
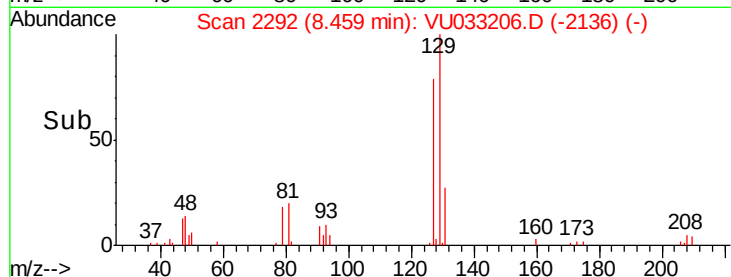
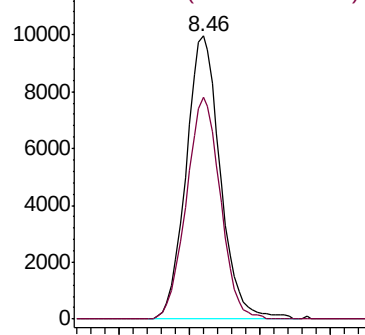
#55
 Dibromochloromethane
 Concen: 2.016 ug/l
 RT: 8.46 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

Tgt Ion:129 Resp: 16853
 Ion Ratio Lower Upper
 129 100
 127 78.1 62.9 94.3

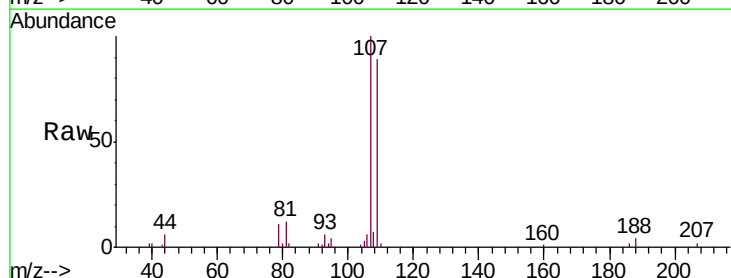


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

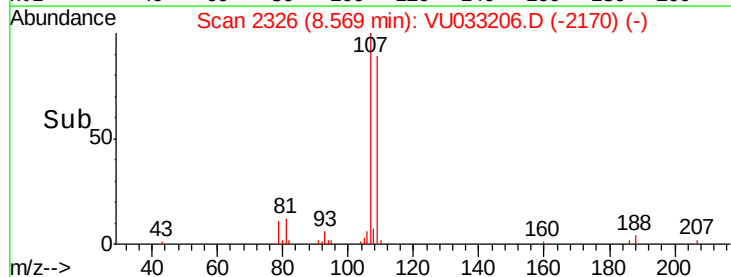
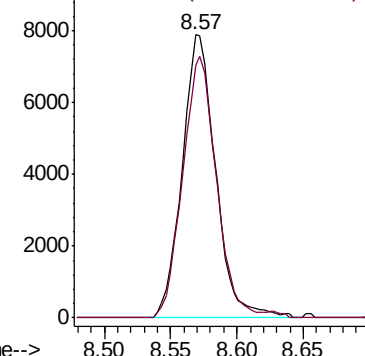


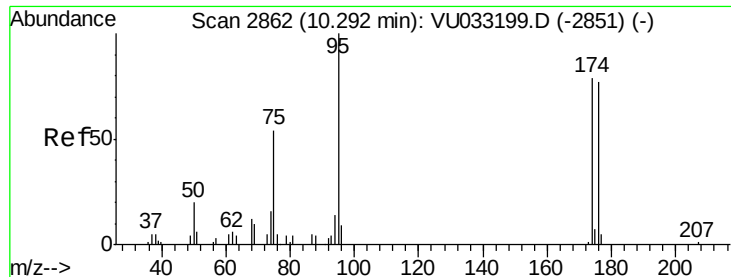
#56
 1,2-Dibromoethane
 Concen: 2.070 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion:107 Resp: 13833
 Ion Ratio Lower Upper
 107 100
 109 92.6 0.0 189.2



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





#57

4-Bromofluorobenzene

Concen: 1.022 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

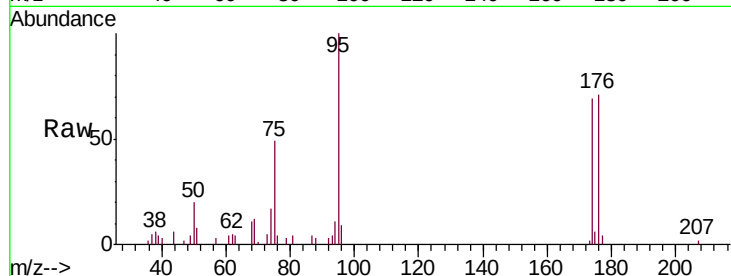
Tgt Ion: 95 Resp: 11781

Ion Ratio Lower Upper

95 100

174 75.0 63.8 95.8

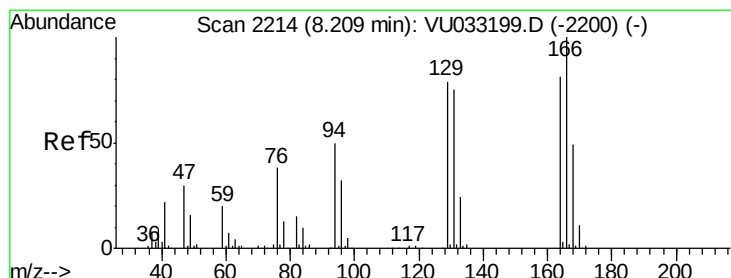
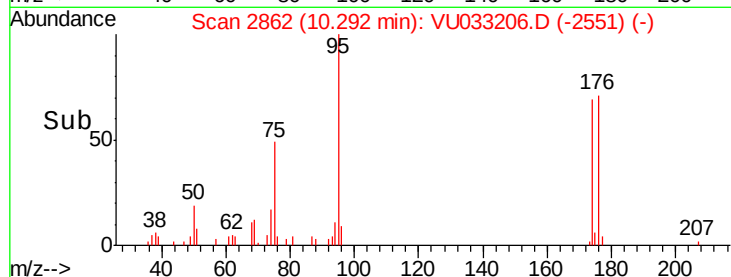
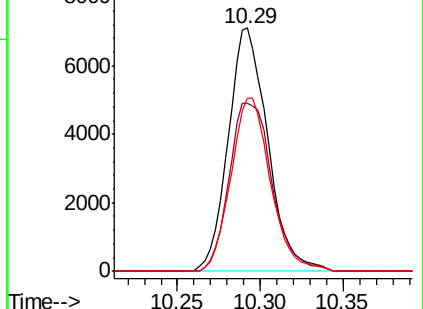
176 71.4 64.5 96.7



Abundance Ion 95.00 (94.70 to 95.70): VU033199.D (-2851) (-)

Ion 174.00 (173.70 to 174.70): VU033199.D (-2851) (-)

Ion 176.00 (175.70 to 176.70): VU033199.D (-2851) (-)



#58

Tetrachloroethene

Concen: 2.009 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Tgt Ion: 164 Resp: 17267

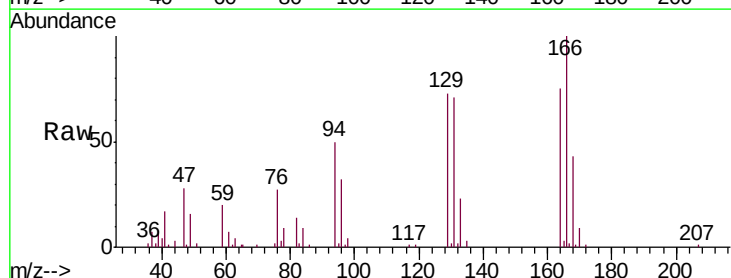
Ion Ratio Lower Upper

164 100

166 133.8 99.3 148.9

129 98.1 78.0 117.0

131 95.0 74.5 111.7

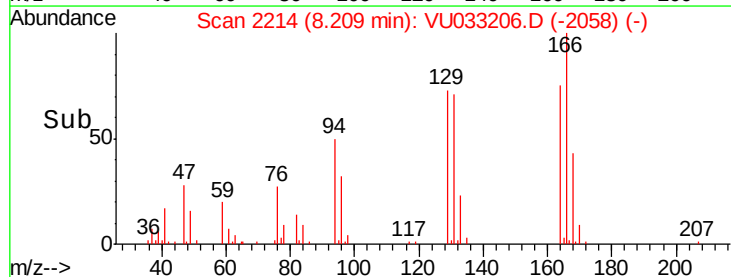
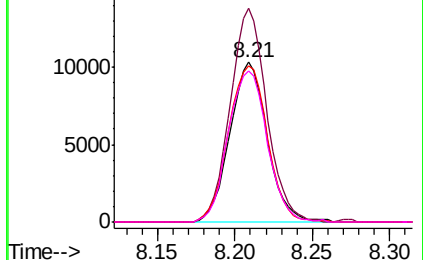


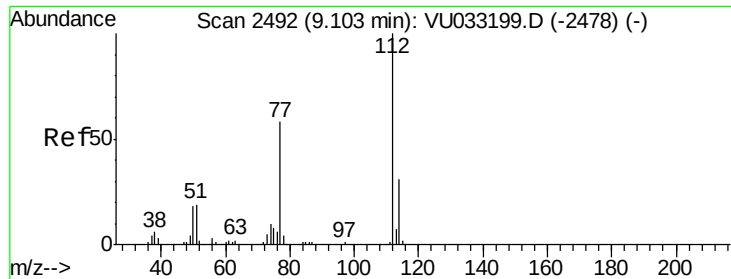
Abundance Ion 163.85 (163.55 to 164.55): VU033199.D (-2200) (-)

Ion 165.80 (165.50 to 166.50): VU033199.D (-2200) (-)

Ion 128.90 (128.60 to 129.60): VU033199.D (-2200) (-)

Ion 130.90 (130.60 to 131.60): VU033199.D (-2200) (-)

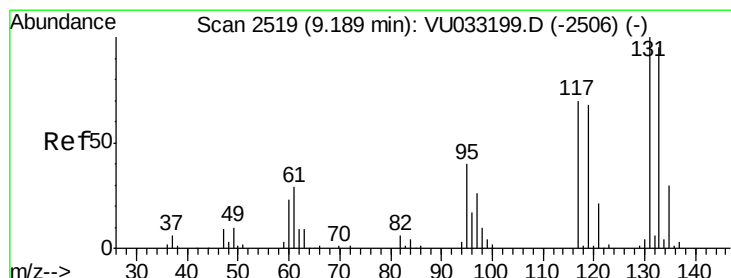
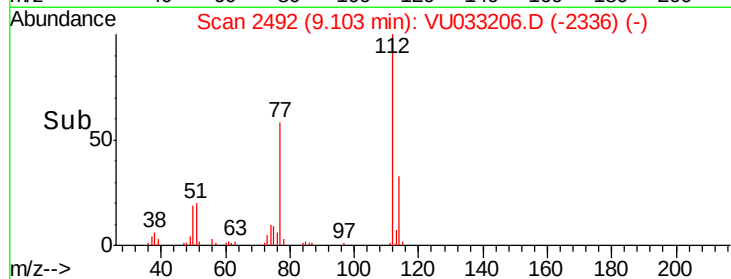
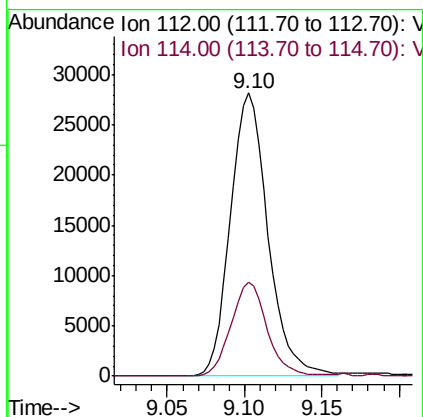
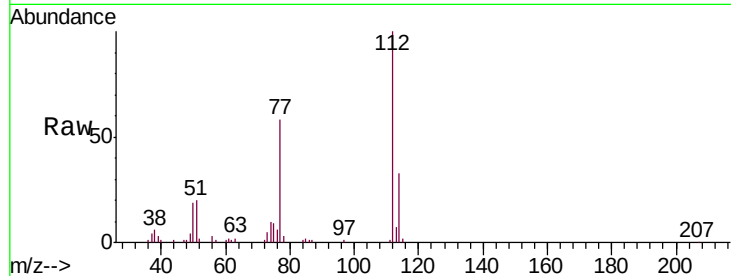




#59
Chlorobenzene
Concen: 1.991 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

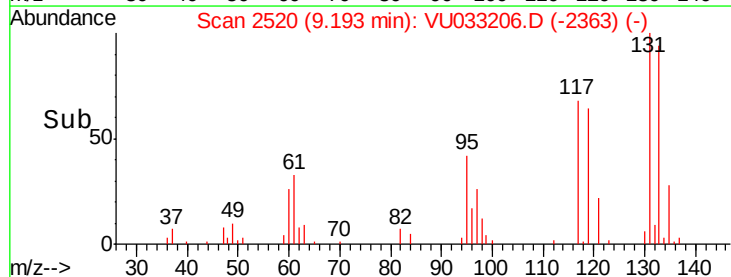
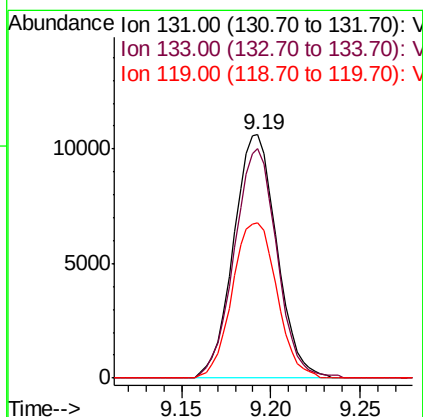
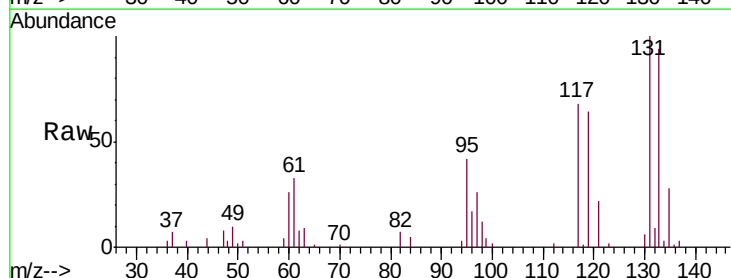
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

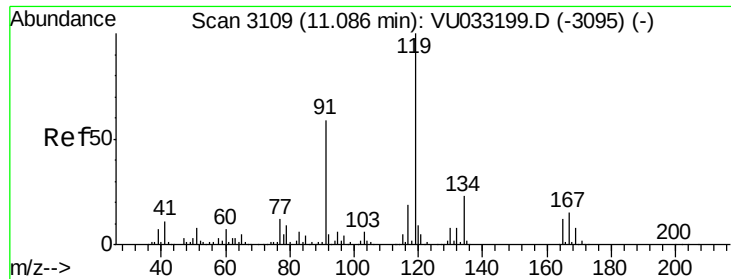
Tgt Ion:112 Resp: 47480
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7



#60
1,1,1,2-Tetrachloroethane
Concen: 2.035 ug/l
RT: 9.19 min Scan# 2520
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion:131 Resp: 17886
Ion Ratio Lower Upper
131 100
133 92.9 76.7 115.1
119 65.6 54.2 81.2





#61

Pentachloroethane

Concen: 1.965 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

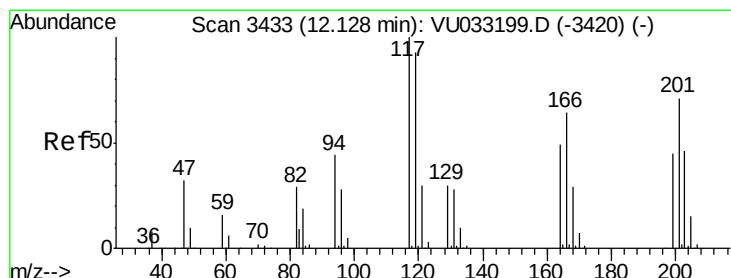
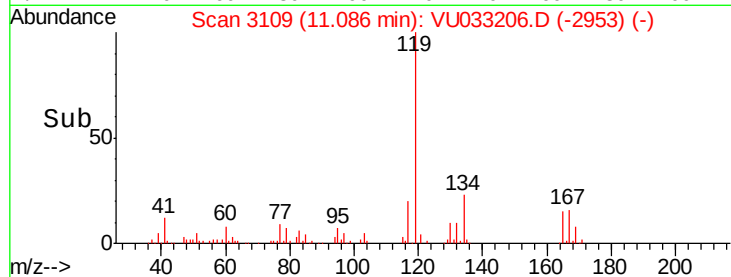
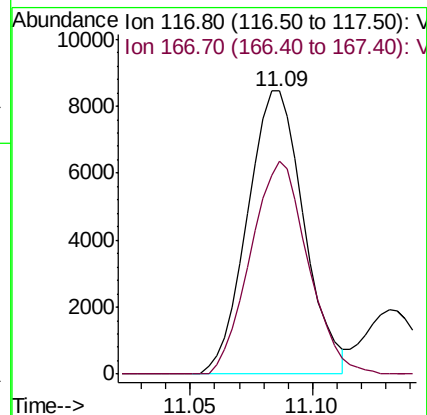
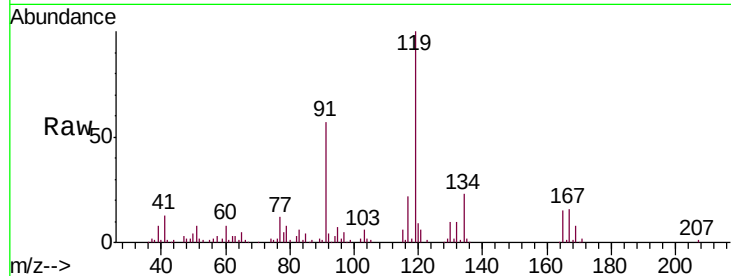
VU0711WBSD01

Tgt Ion:117 Resp: 13576

Ion Ratio Lower Upper

117 100

167 76.4 63.6 95.4



#62

Hexachloroethane

Concen: 2.021 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. 0.00 min

Lab File: VU033206.D

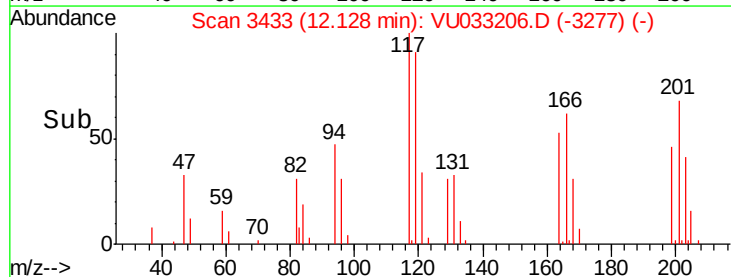
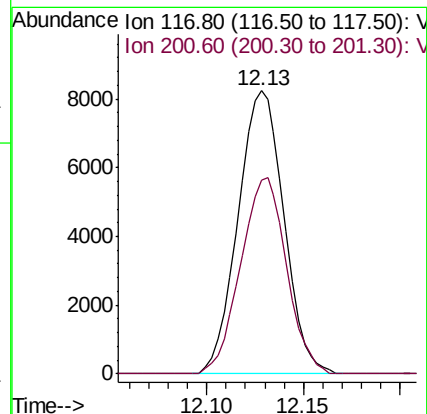
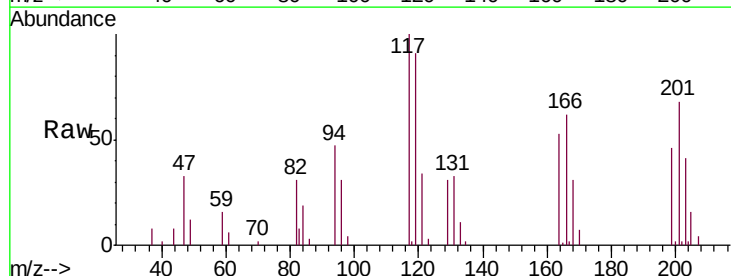
Acq: 11 Jul 2019 23:41

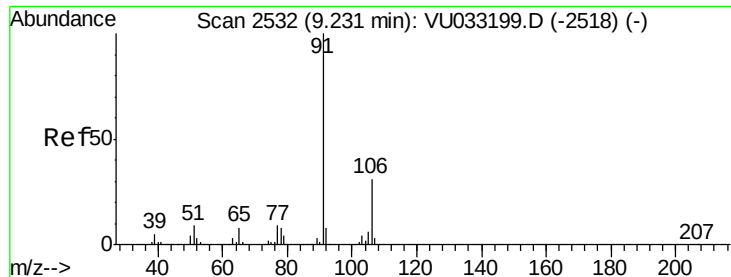
Tgt Ion:117 Resp: 13558

Ion Ratio Lower Upper

117 100

201 69.5 58.5 87.7

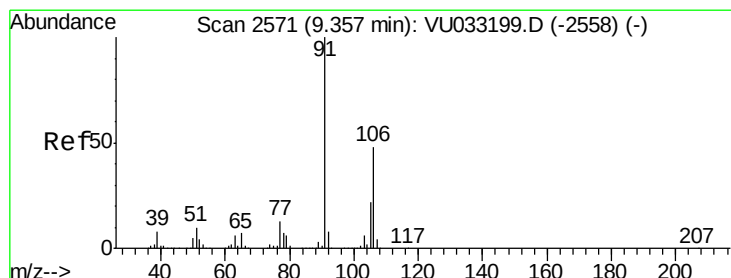
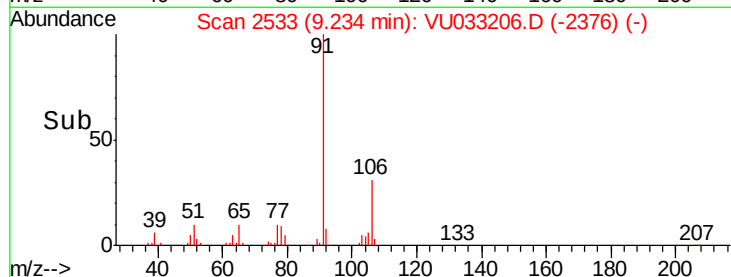
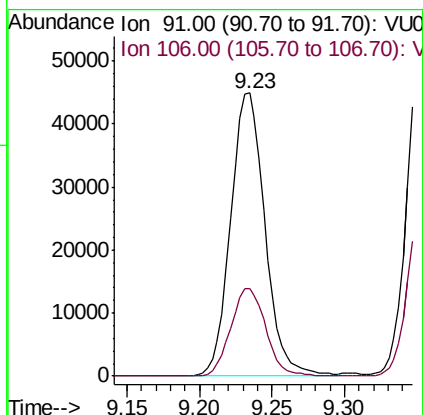
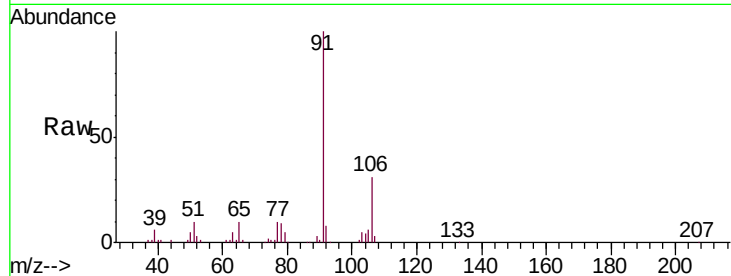




#63
Ethyl Benzene
Concen: 1.898 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

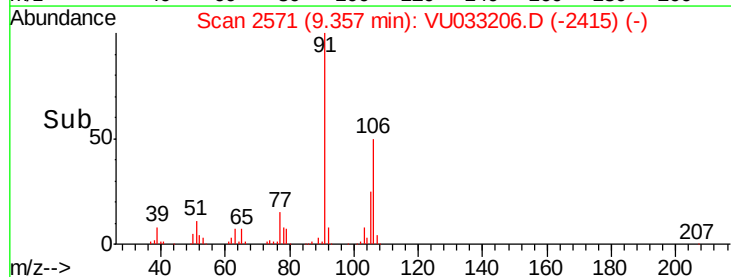
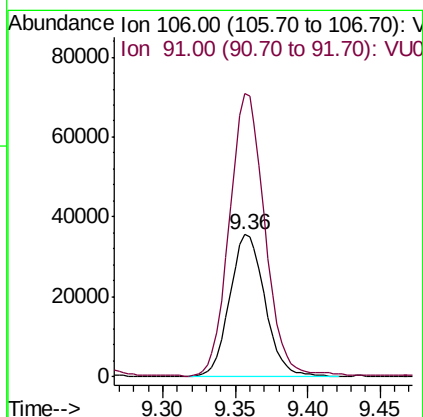
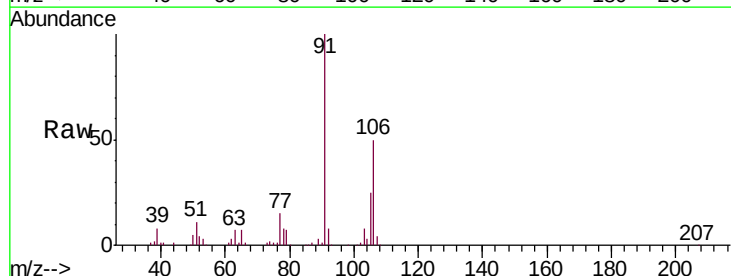
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

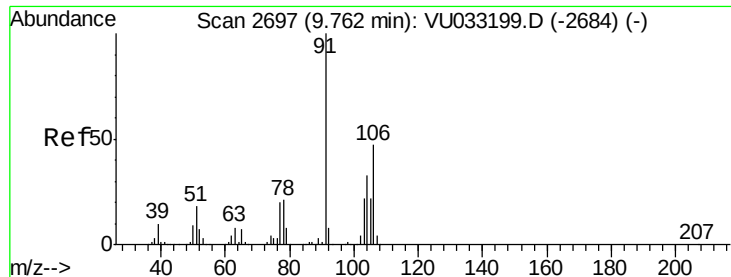
Tgt Ion: 91 Resp: 74012
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#64
m/p-Xylenes
Concen: 3.961 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion: 106 Resp: 60348
Ion Ratio Lower Upper
106 100
91 197.2 164.8 247.2

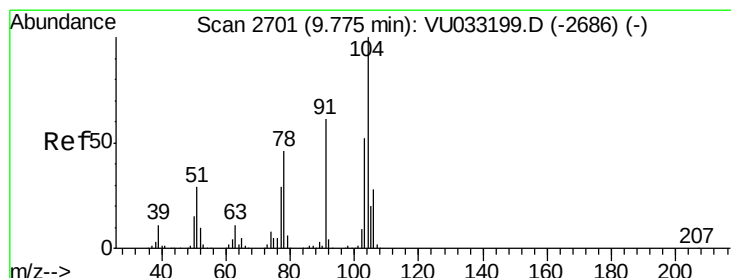
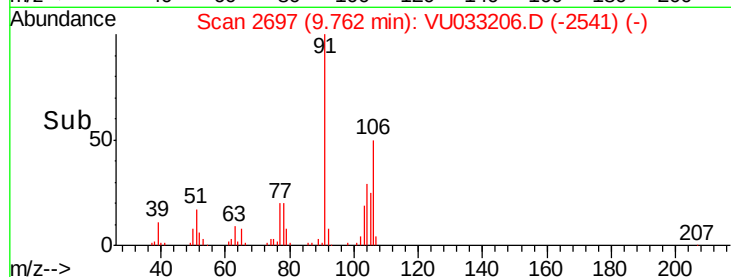
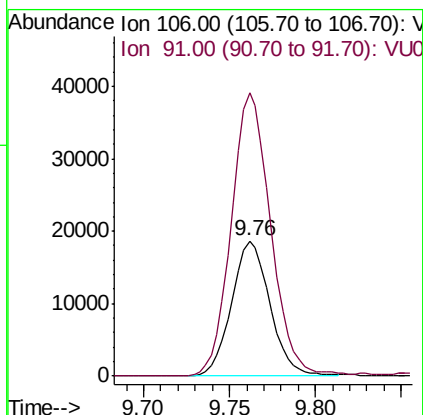
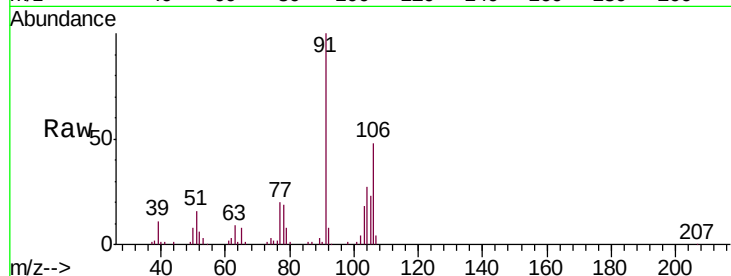




#65
o-Xylene
Concen: 1.960 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

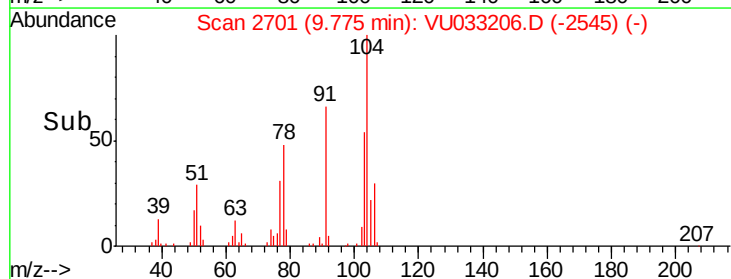
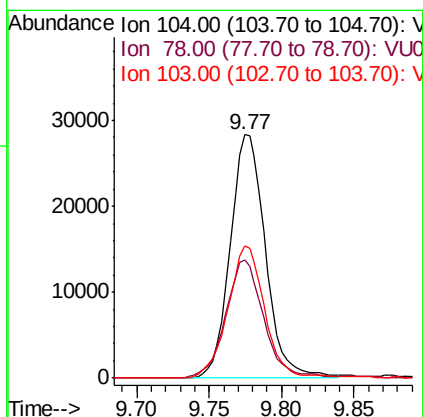
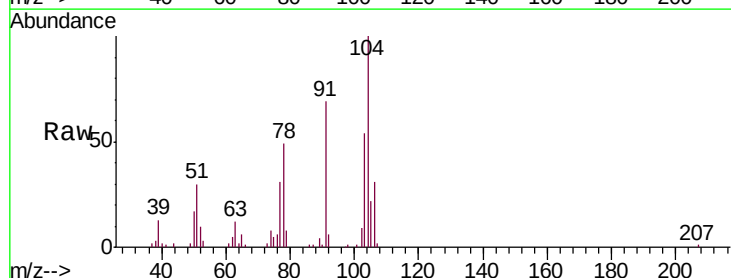
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

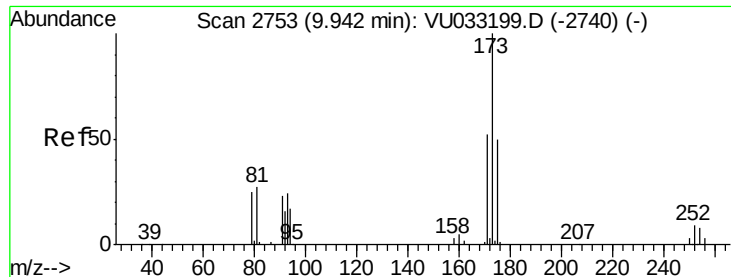
Tgt Ion:106 Resp: 29026
Ion Ratio Lower Upper
106 100
91 215.0 108.6 325.8



#66
Styrene
Concen: 1.916 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion:104 Resp: 47907
Ion Ratio Lower Upper
104 100
78 52.2 40.4 60.6
103 56.6 44.3 66.5

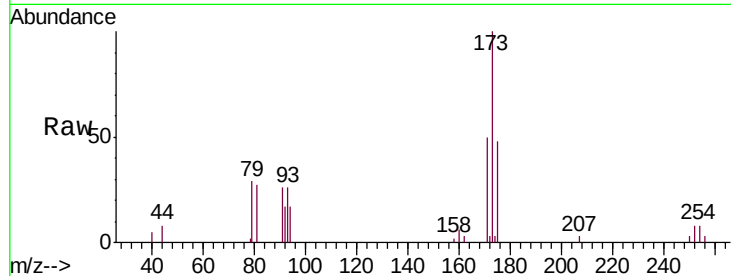




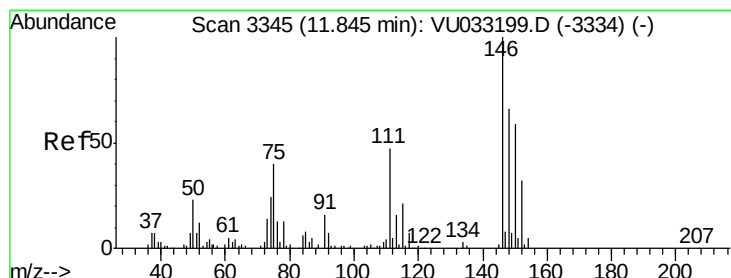
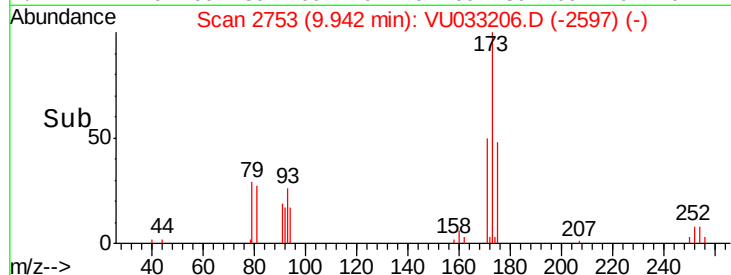
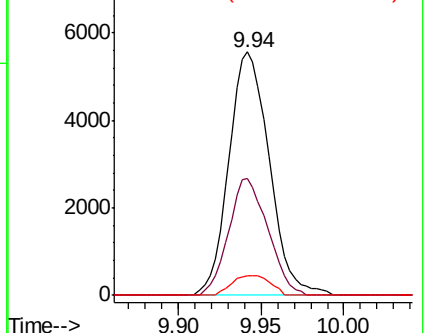
#67
Bromoform
Concen: 1.988 ug/l
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

Tgt Ion:173 Resp: 9450
Ion Ratio Lower Upper
173 100
175 46.6 39.4 59.0
254 7.6 6.9 10.3

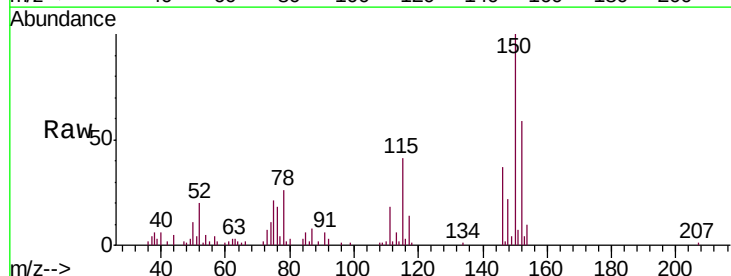


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

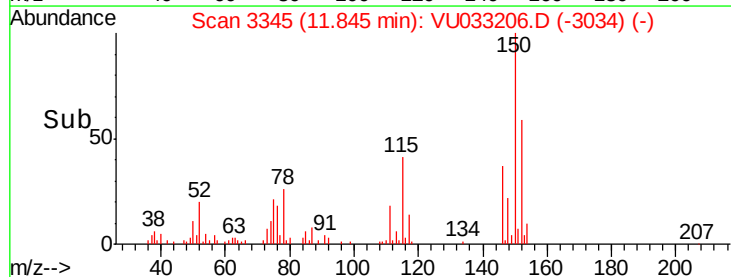
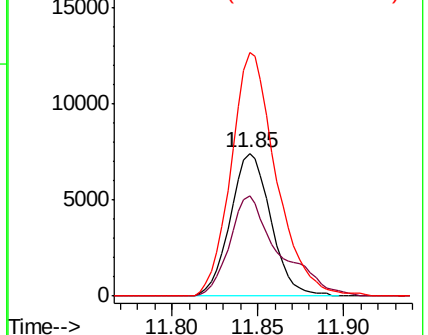


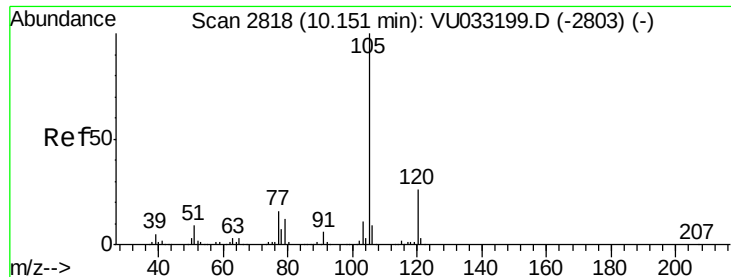
#68
1,2-Dichlorobenzene-d4
Concen: 0.979 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VU033206.D
Acq: 11 Jul 2019 23:41

Tgt Ion:152 Resp: 12228
Ion Ratio Lower Upper
152 100
115 86.0 0.0 131.0
150 189.9 0.0 634.4



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: 1.944 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

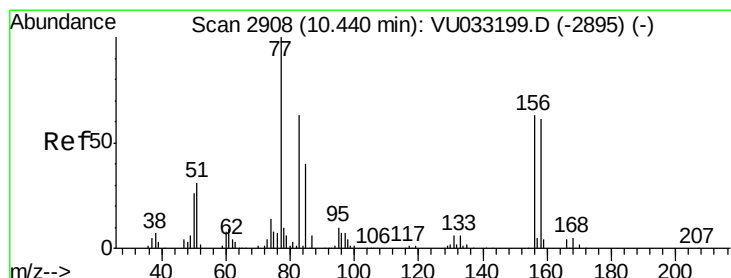
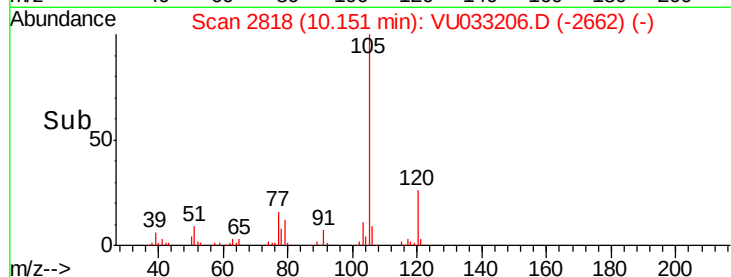
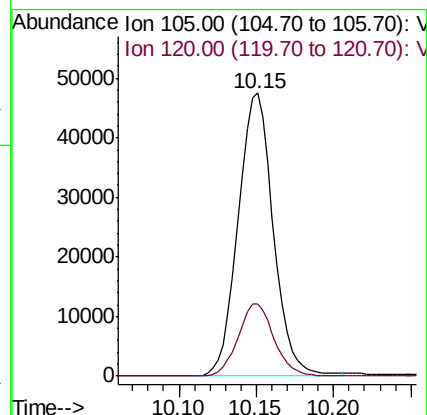
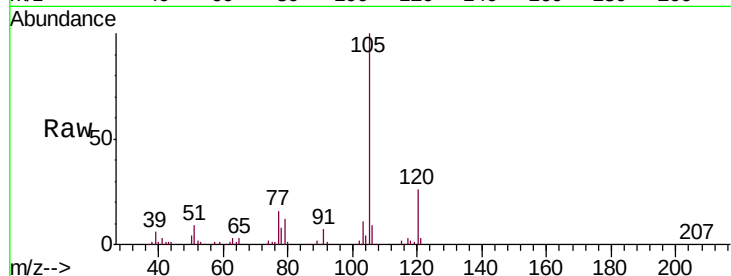
VU0711WBSD01

Tgt Ion:105 Resp: 74873

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.020 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

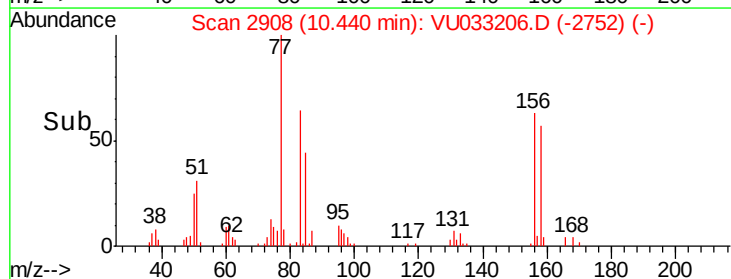
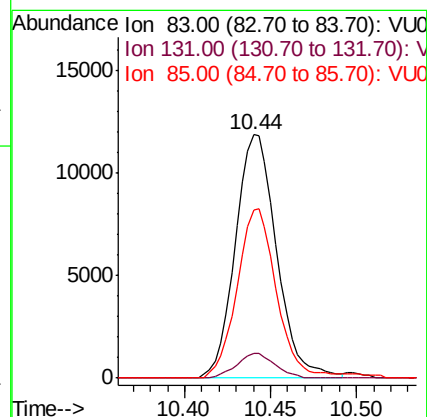
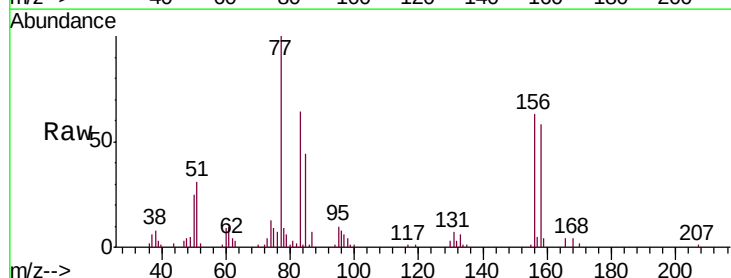
Tgt Ion: 83 Resp: 19865

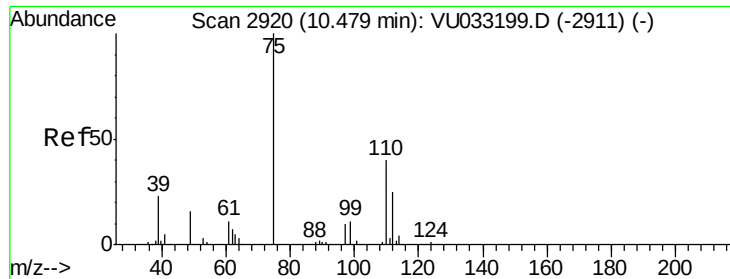
Ion Ratio Lower Upper

83 100

131 9.4 8.0 12.0

85 66.4 50.6 76.0





#71

1,2,3-Trichloropropane

Concen: 3.313 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

Tgt Ion: 75 Resp: 24411

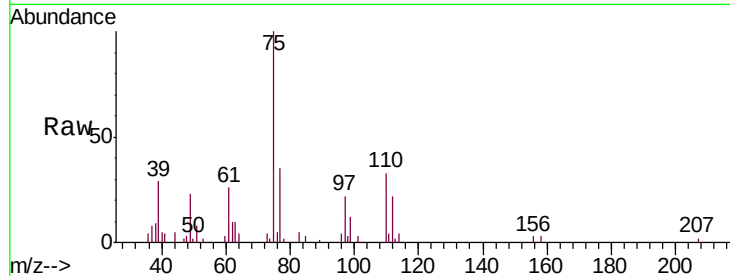
Ion Ratio Lower Upper

75 100

77 0.0 0.0 15.4

110 20.2 0.0 72.2

97 12.0 0.0 37.2

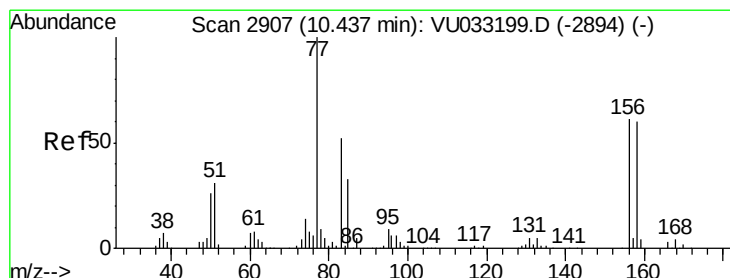
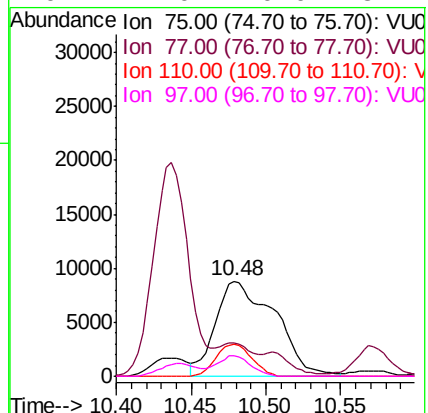
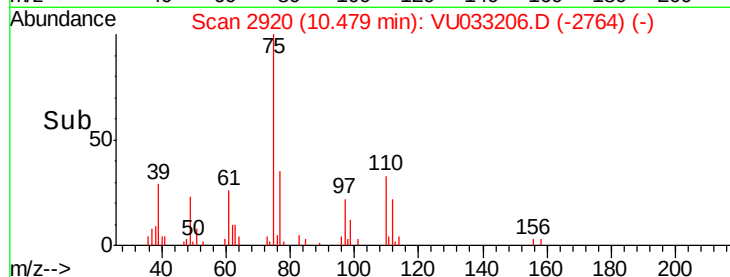


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 2.046 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

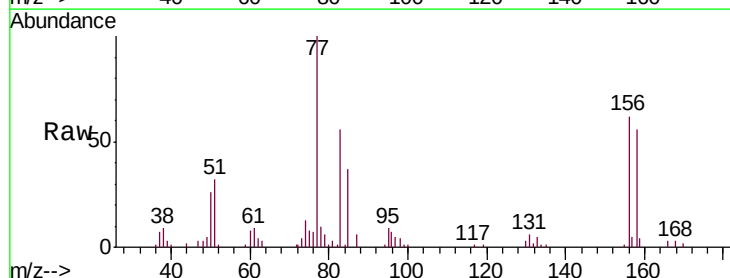
Tgt Ion: 156 Resp: 20431

Ion Ratio Lower Upper

156 100

77 157.6 0.0 326.0

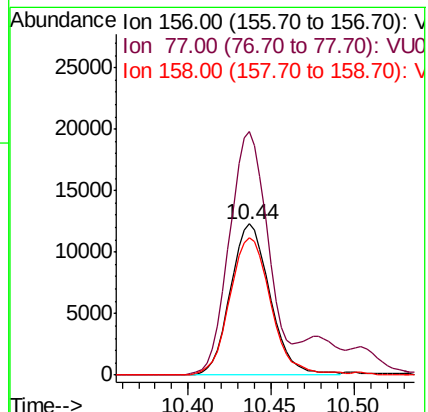
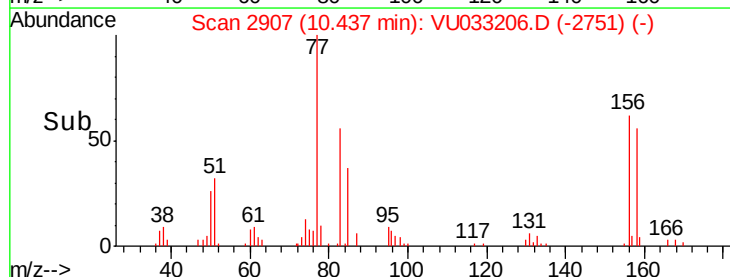
158 94.2 0.0 193.2

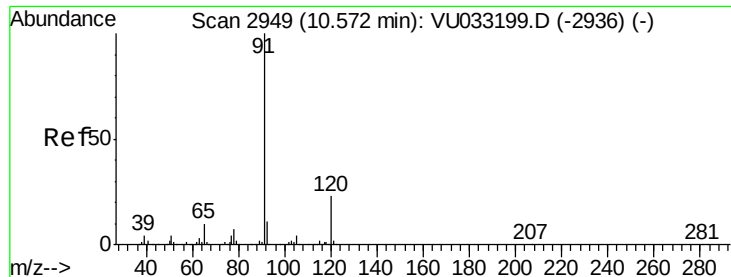


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.922 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

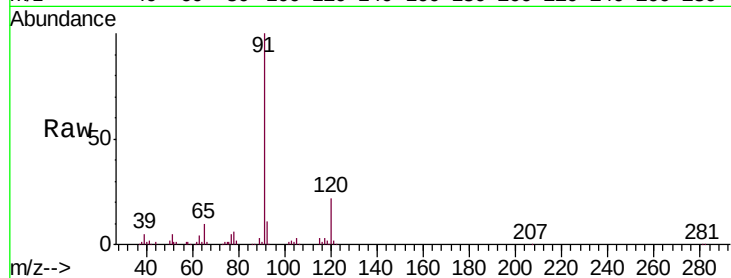
VU0711WBSD01

Tgt Ion:120 Resp: 20967

Ion Ratio Lower Upper

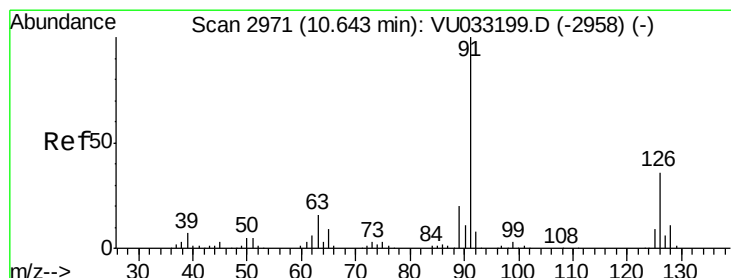
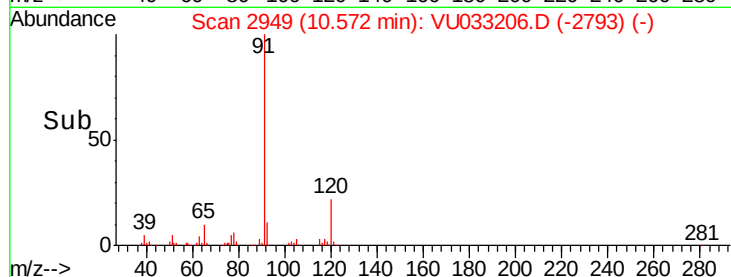
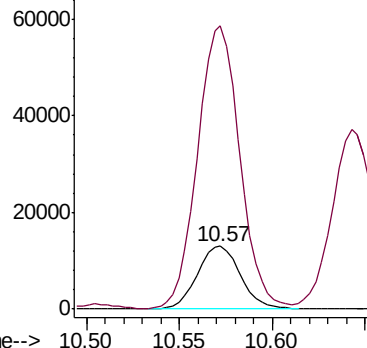
120 100

91 442.1 349.0 523.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.030 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033206.D

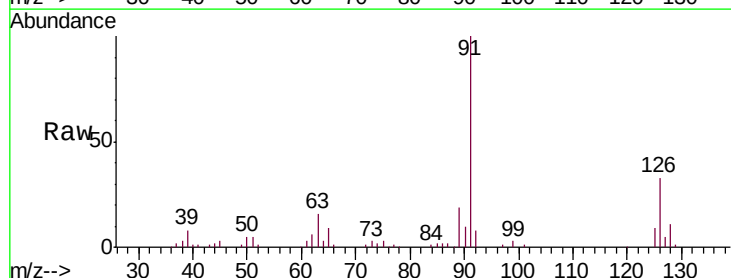
Acq: 11 Jul 2019 23:41

Tgt Ion:126 Resp: 19984

Ion Ratio Lower Upper

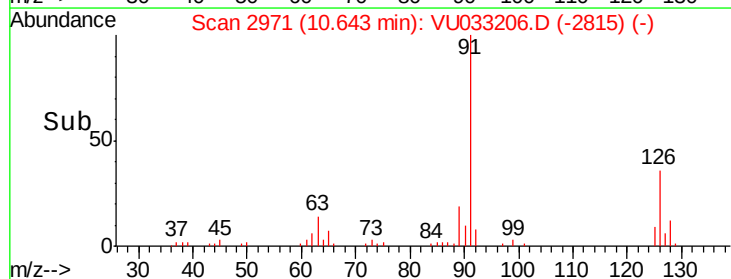
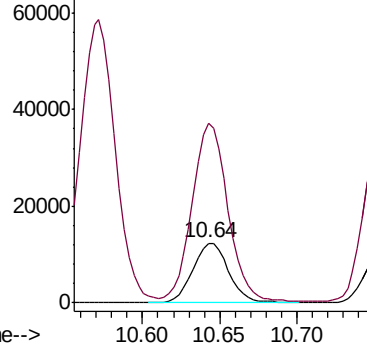
126 100

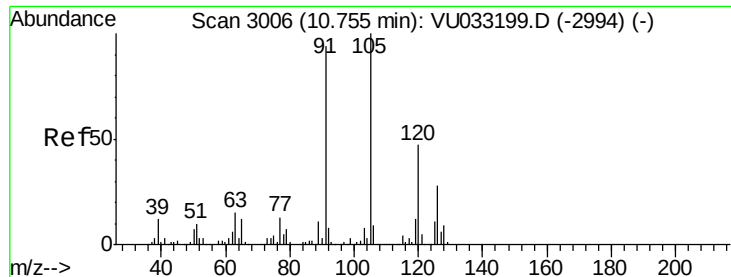
91 296.6 0.0 592.2



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: 2.016 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

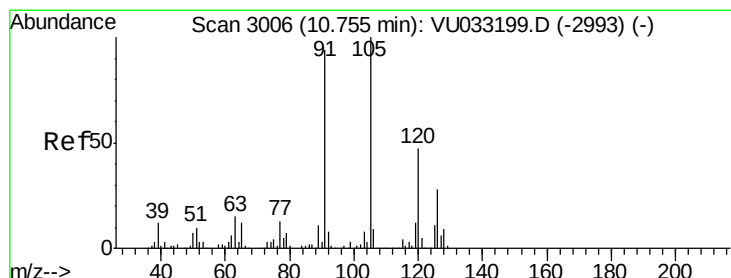
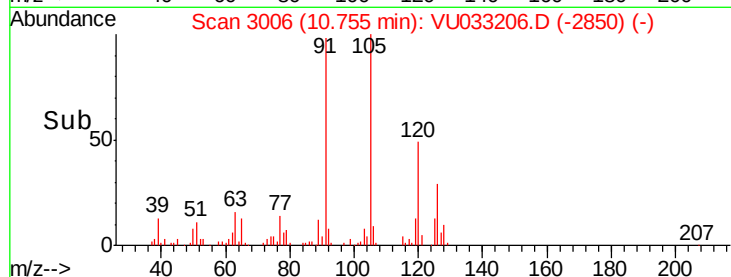
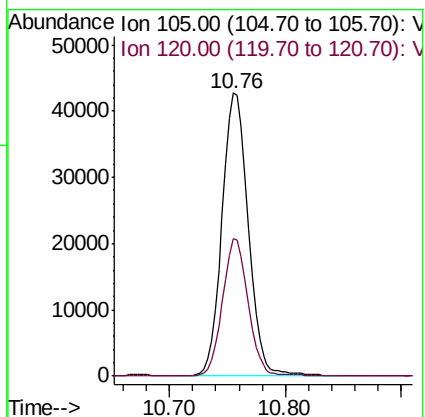
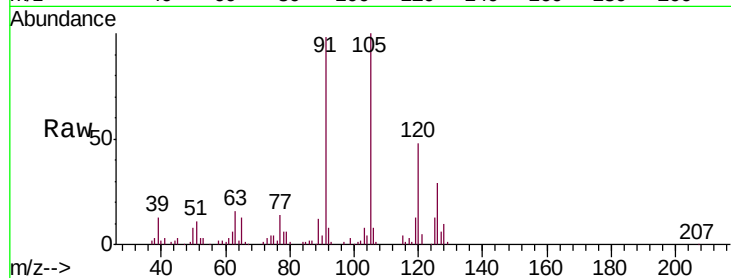
VU0711WBSD01

Tgt Ion:105 Resp: 67185

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.8



#76

4-Chlorotoluene

Concen: 2.033 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033206.D

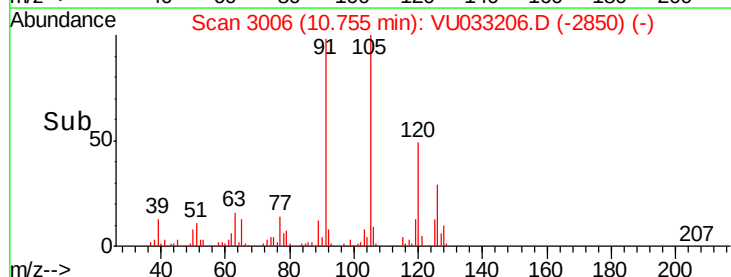
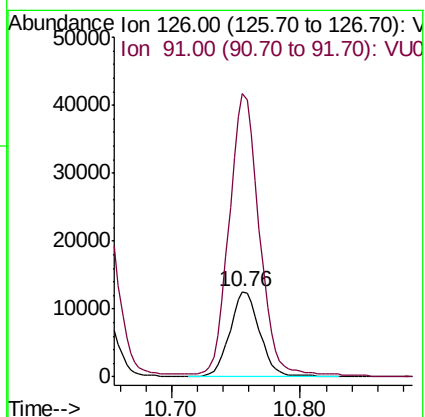
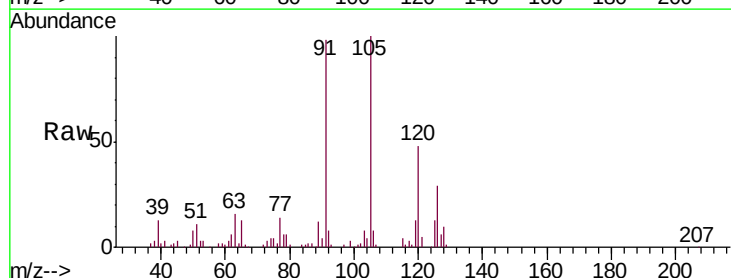
Acq: 11 Jul 2019 23:41

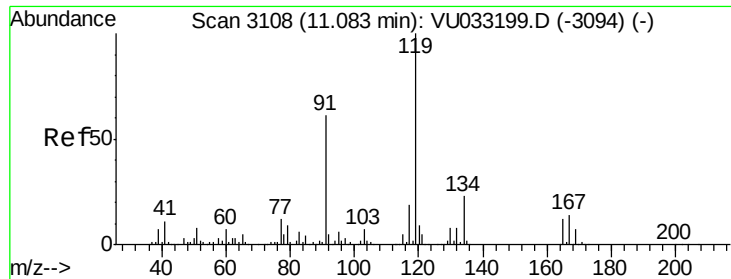
Tgt Ion:126 Resp: 20433

Ion Ratio Lower Upper

126 100

91 323.4 0.0 663.4

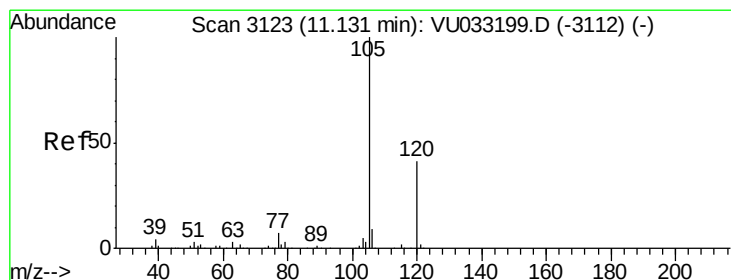
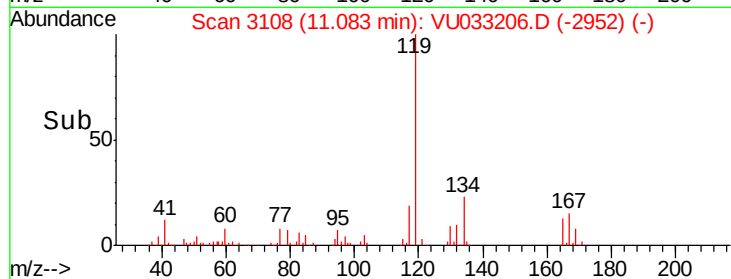
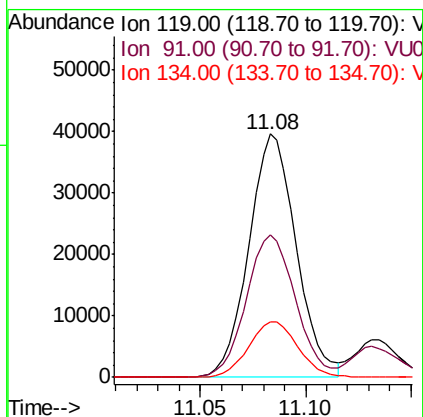
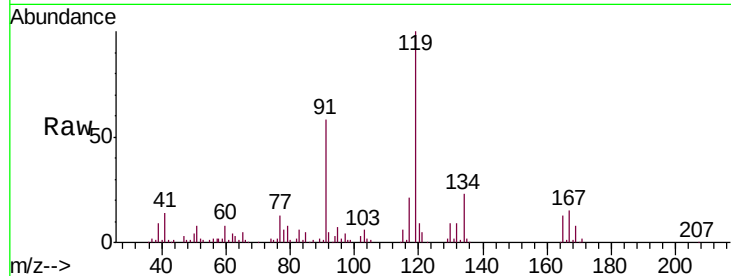




#77
 tert-Butylbenzene
 Concen: 1.930 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

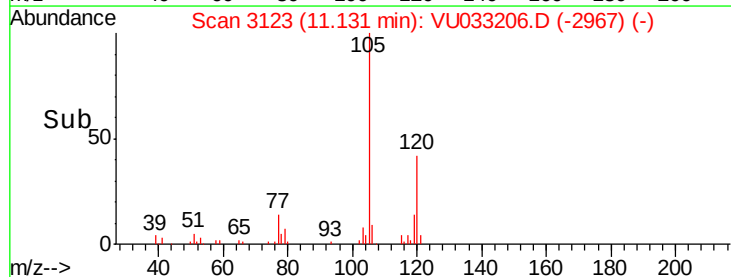
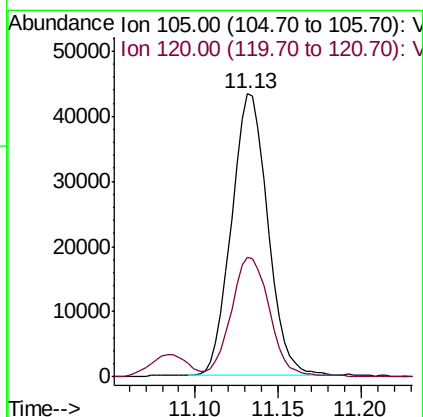
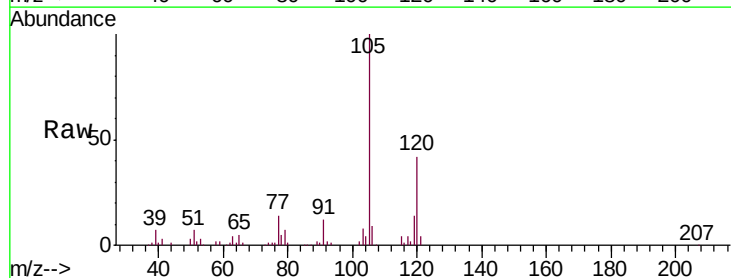
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

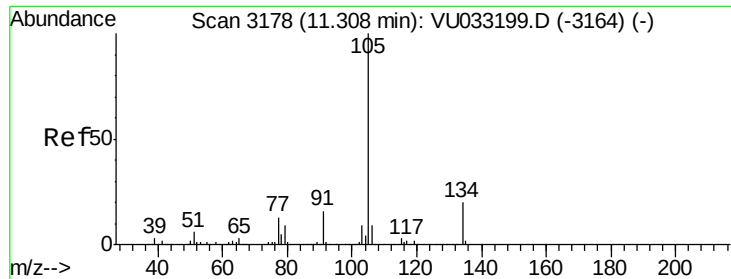
Tgt Ion:119 Resp: 61950
 Ion Ratio Lower Upper
 119 100
 91 60.4 29.8 89.5
 134 23.8 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.929 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion:105 Resp: 65721
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.6 67.8





#79

sec-Butylbenzene

Concen: 1.978 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

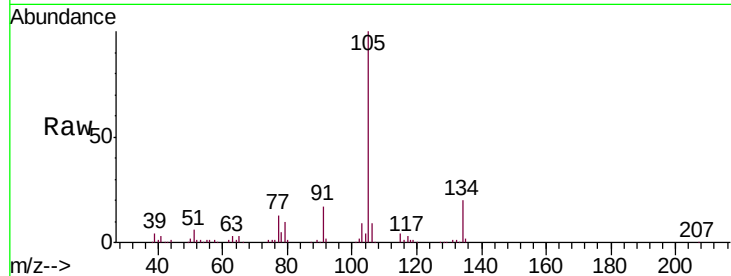
VU0711WBSD01

Tgt Ion:105 Resp: 87108

Ion Ratio Lower Upper

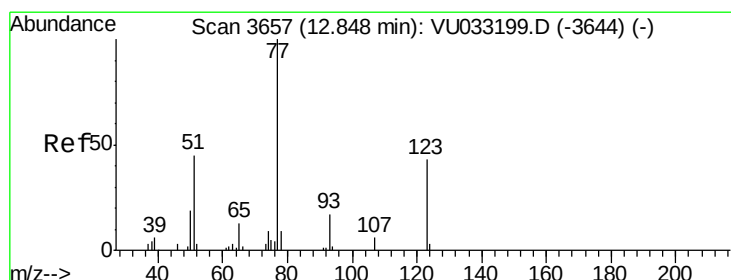
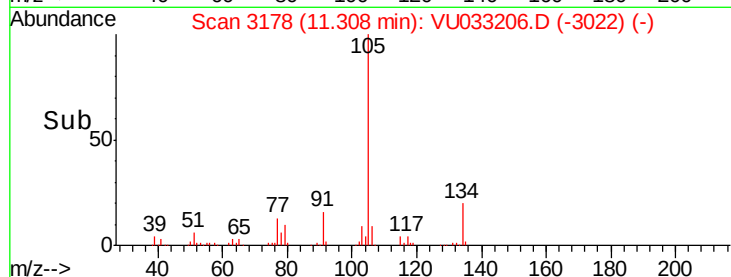
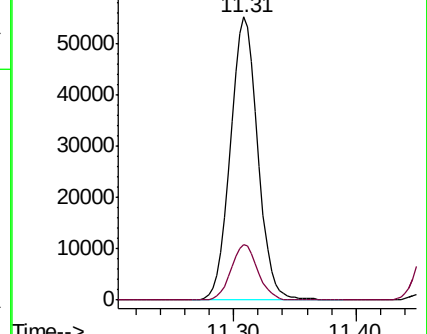
105 100

134 19.3 15.8 23.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 8.603 ug/l

RT: 12.87 min Scan# 3663

Delta R.T. 0.02 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

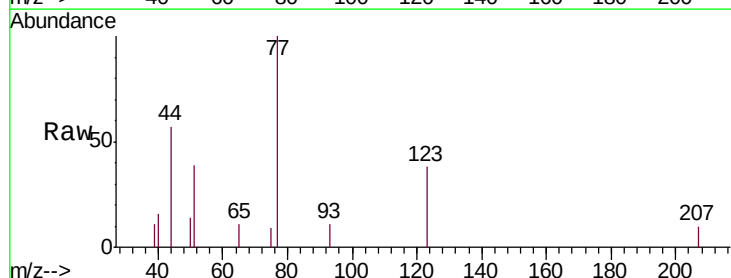
Tgt Ion: 77 Resp: 2221

Ion Ratio Lower Upper

77 100

123 47.6 20.9 74.1

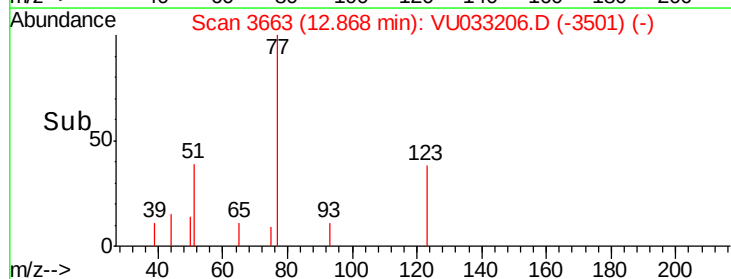
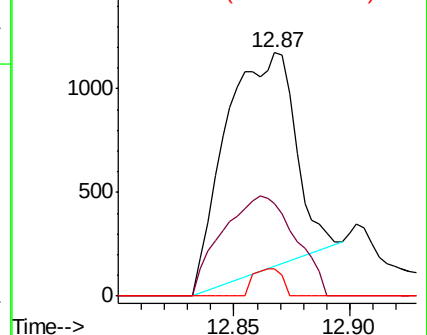
65 5.2 10.7 13.7#

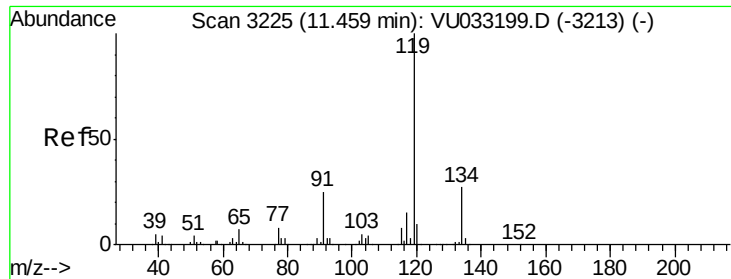


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

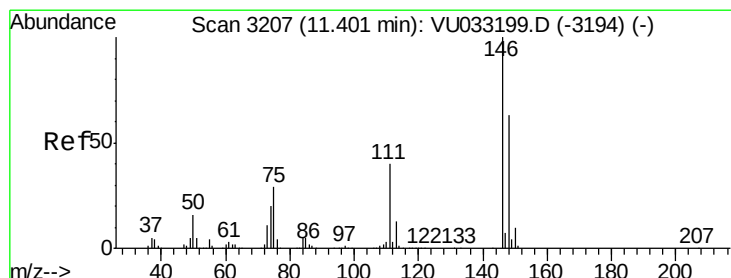
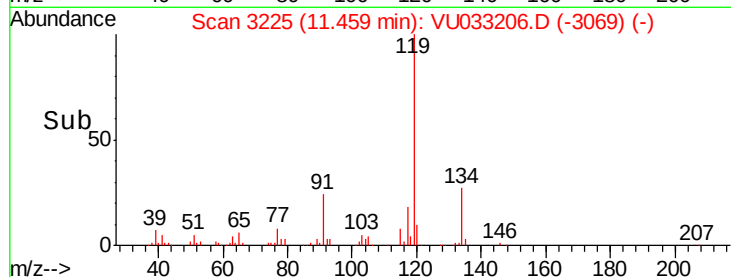
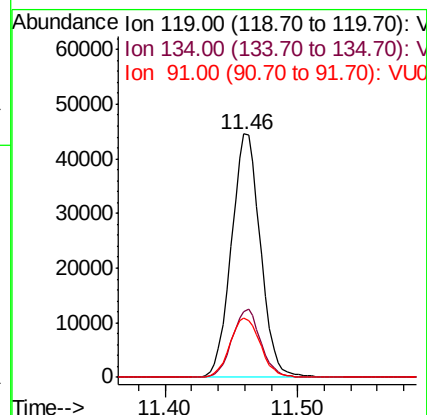
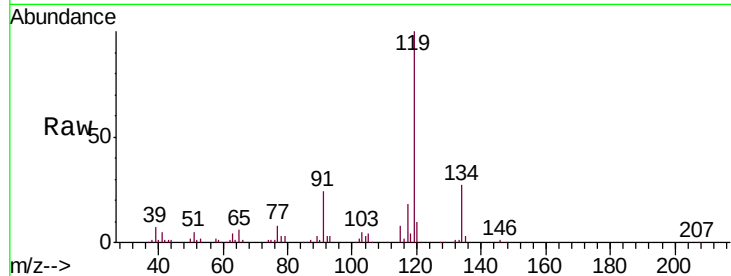




#81
 p-Isopropyltoluene
 Concen: 1.897 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

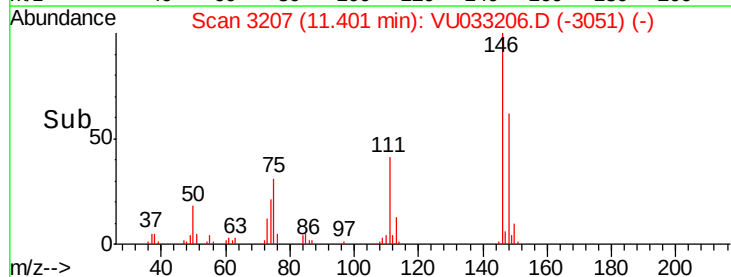
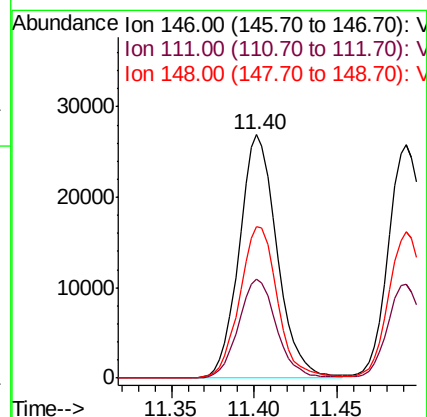
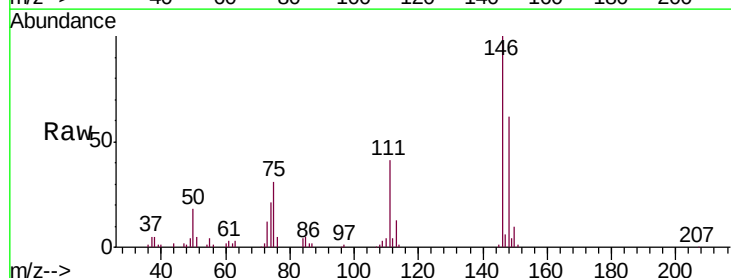
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

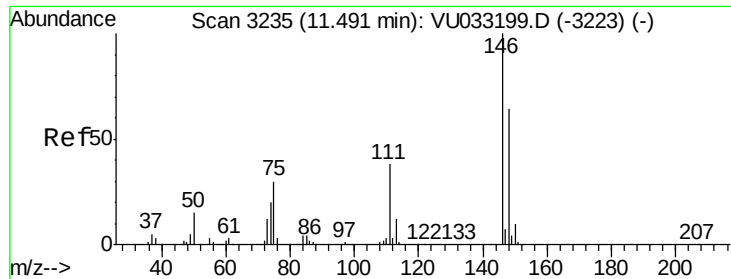
Tgt Ion:119 Resp: 67942
 Ion Ratio Lower Upper
 119 100
 134 27.6 21.1 31.7
 91 25.6 19.7 29.5



#82
 1,3-Dichlorobenzene
 Concen: 2.070 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion:146 Resp: 42662
 Ion Ratio Lower Upper
 146 100
 111 40.6 32.2 48.4
 148 62.4 50.8 76.2

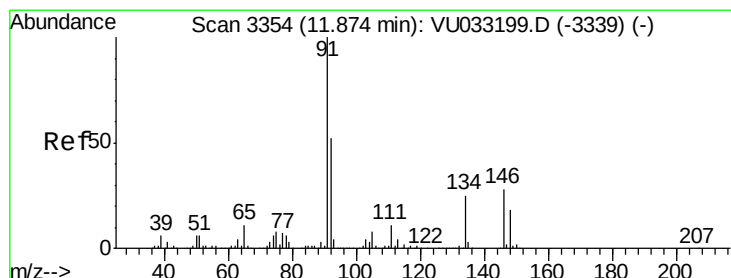
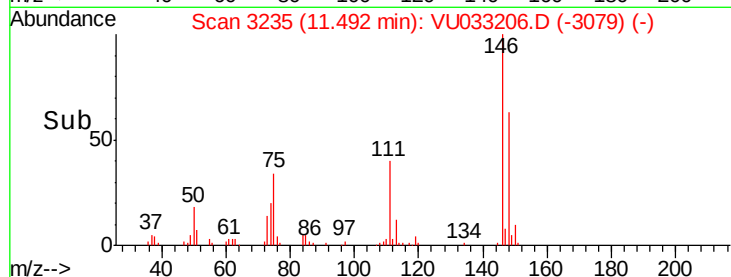
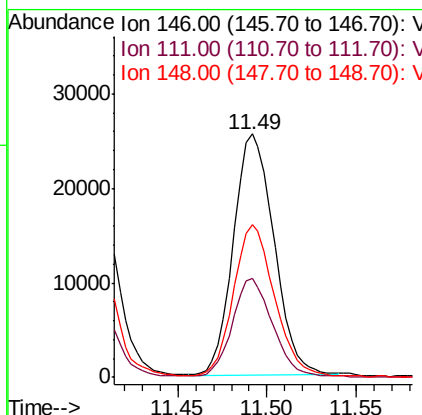
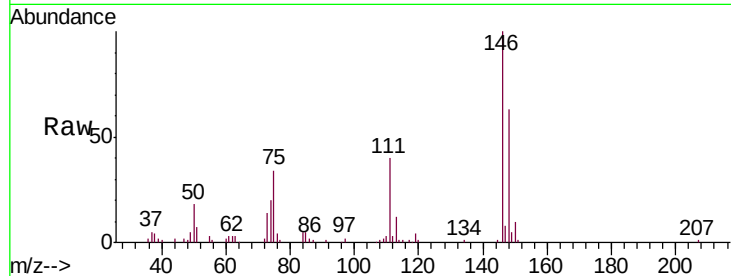




#83
 1,4-Dichlorobenzene
 Concen: 1.951 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

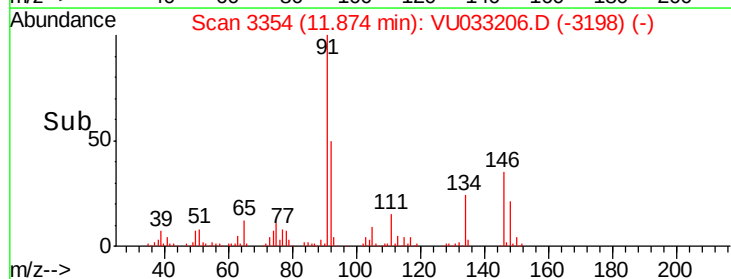
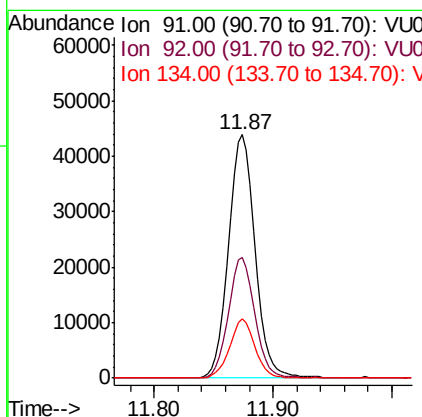
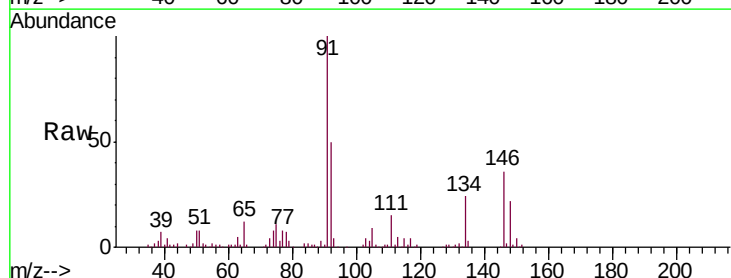
Instrument :
 MSVOA_U
 ClientSampled :
 VU0711WBSD01

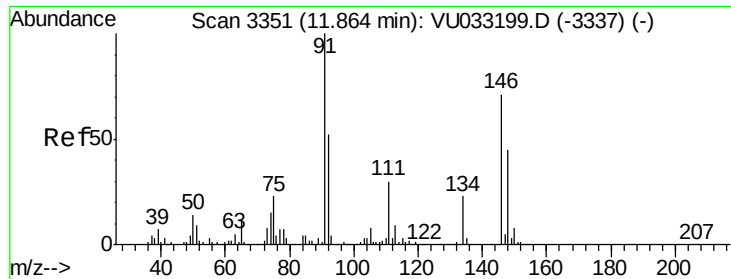
Tgt Ion: 146 Resp: 40482
 Ion Ratio Lower Upper
 146 100
 111 40.9 30.8 46.2
 148 65.0 50.6 76.0



#84
 n-Butylbenzene
 Concen: 1.902 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion: 91 Resp: 67904
 Ion Ratio Lower Upper
 91 100
 92 49.1 41.5 62.3
 134 22.9 19.6 29.4

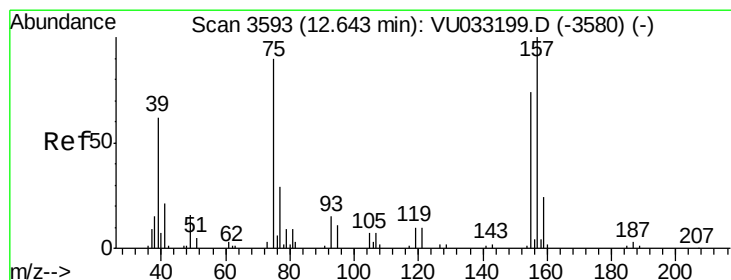
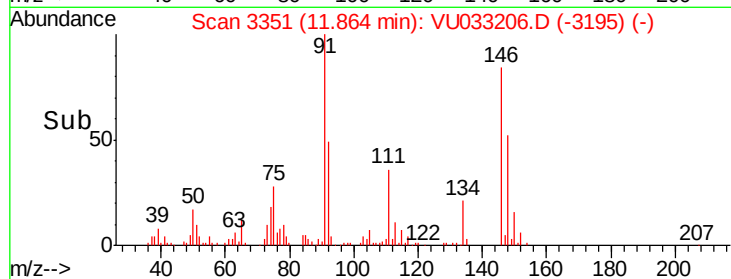
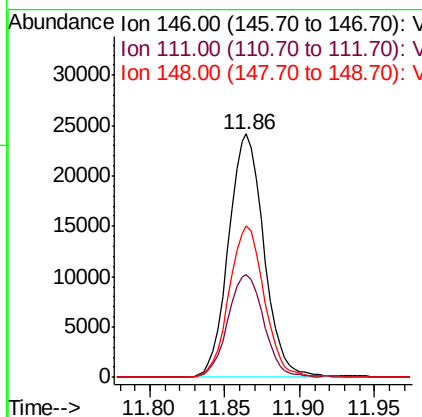
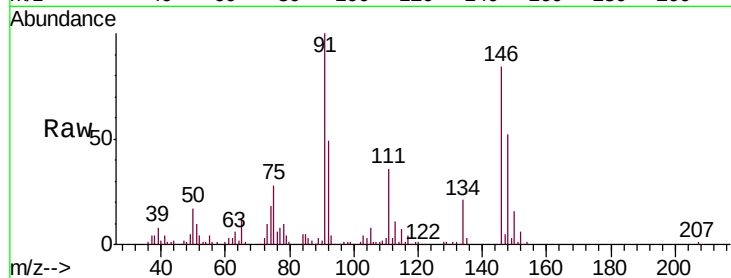




#85
 1,2-Dichlorobenzene
 Concen: 2.020 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

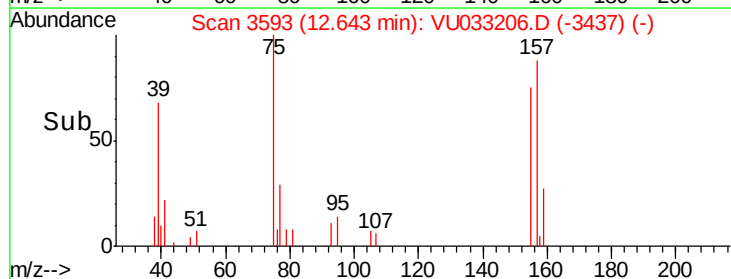
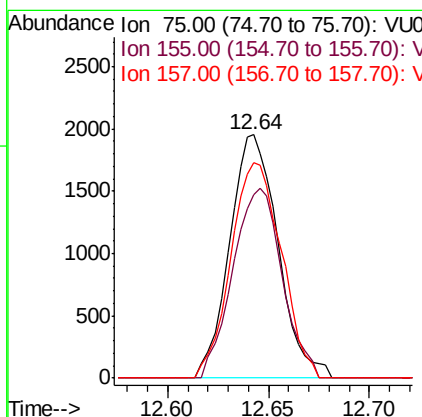
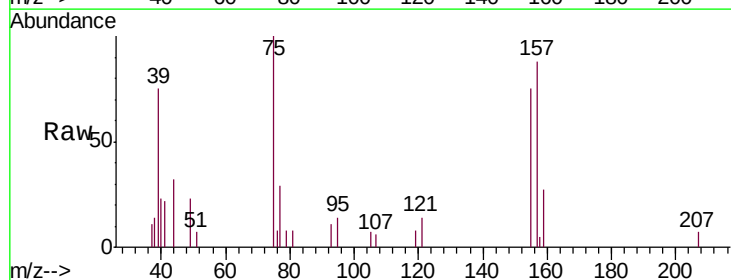
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

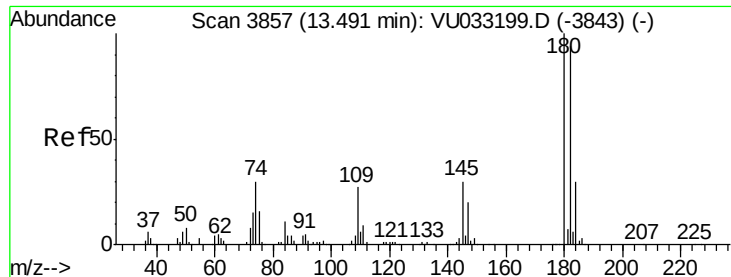
Tgt Ion:146 Resp: 39828
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.7
 148 62.0 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.105 ug/l
 RT: 12.64 min Scan# 3593
 Delta R.T. 0.00 min
 Lab File: VU033206.D
 Acq: 11 Jul 2019 23:41

Tgt Ion: 75 Resp: 3278
 Ion Ratio Lower Upper
 75 100
 155 79.1 60.6 90.8
 157 92.2 82.5 123.7





#87

1,2,4-Trichlorobenzene

Concen: 1.897 ug/l

RT: 13.49 min Scan# 3857

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

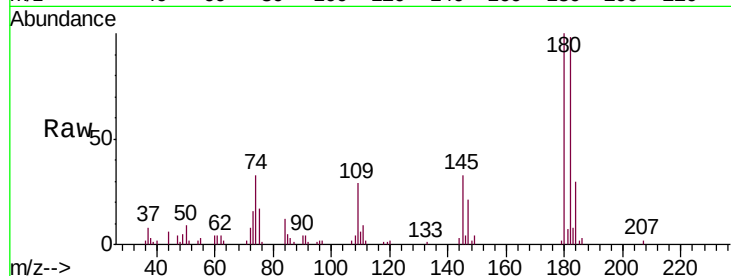
Tgt Ion:180 Resp: 23022

Ion Ratio Lower Upper

180 100

182 97.7 75.4 113.2

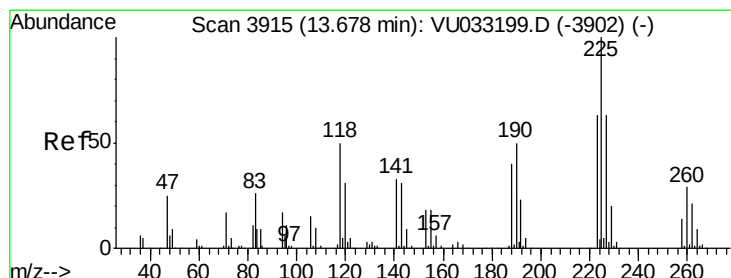
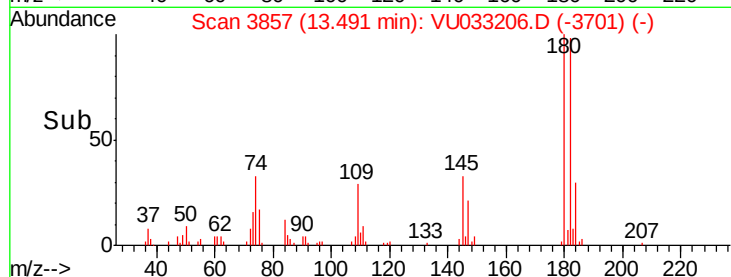
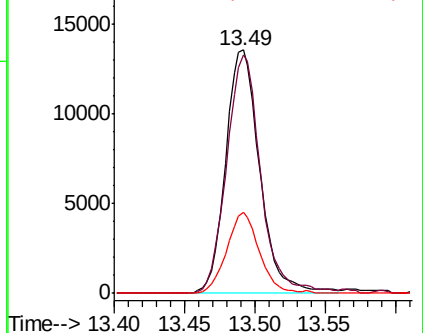
145 31.6 24.5 36.7



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 1.965 ug/l

RT: 13.68 min Scan# 3916

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

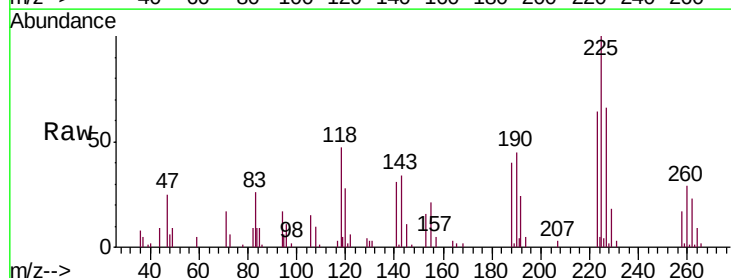
Tgt Ion:225 Resp: 13777

Ion Ratio Lower Upper

225 100

223 64.0 51.1 76.7

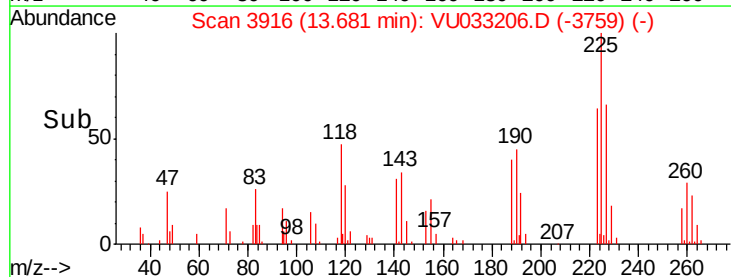
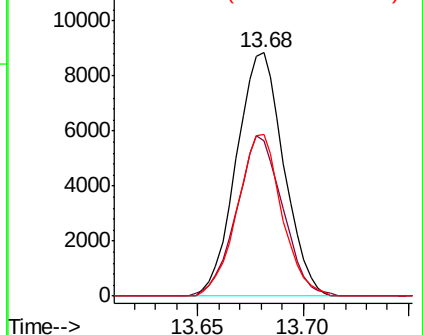
227 62.6 51.2 76.8

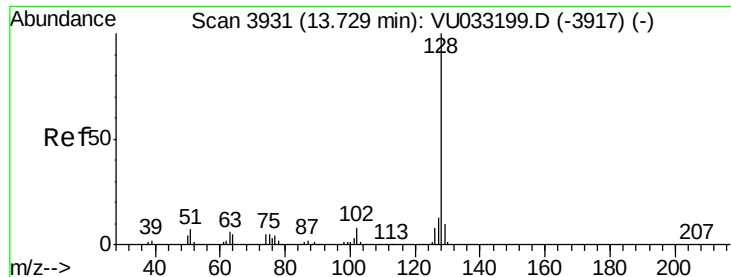


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.934 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

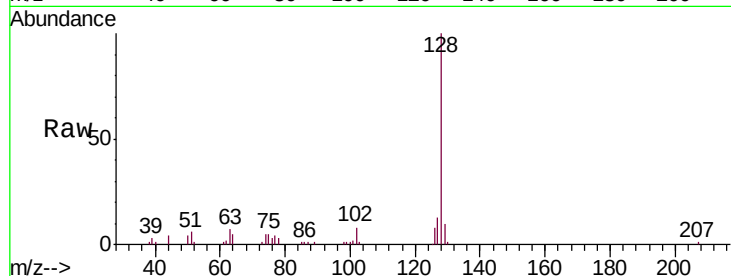
Tgt Ion:128 Resp: 40456

Ion Ratio Lower Upper

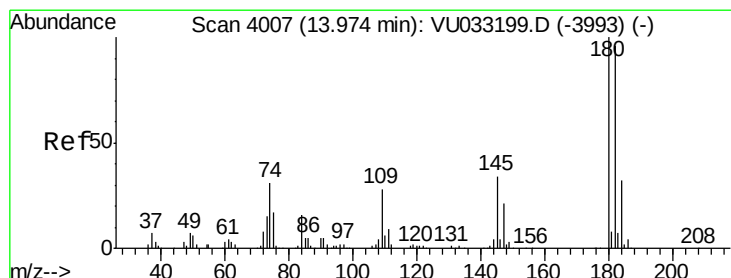
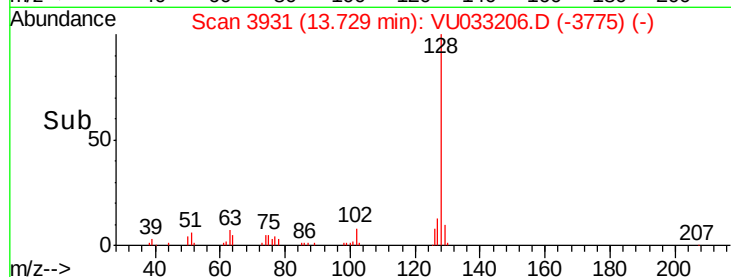
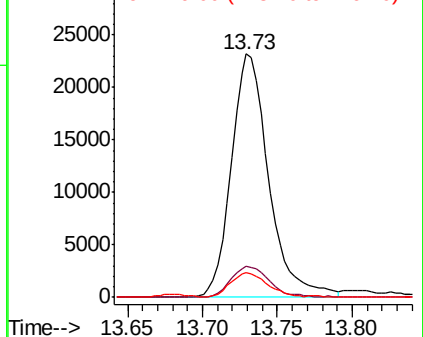
128 100

127 12.9 10.4 15.6

129 10.0 8.6 12.8



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: 1.833 ug/l

RT: 13.98 min Scan# 4008

Delta R.T. 0.00 min

Lab File: VU033206.D

Acq: 11 Jul 2019 23:41

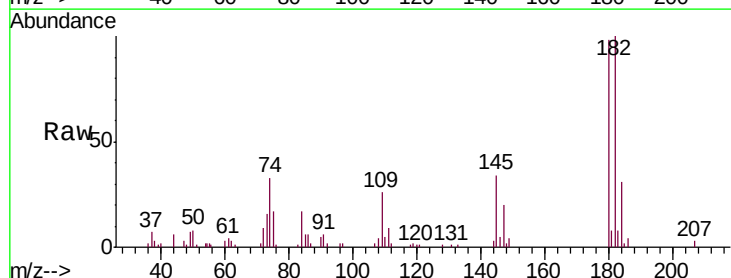
Tgt Ion:180 Resp: 21249

Ion Ratio Lower Upper

180 100

182 102.0 76.2 114.4

145 34.3 26.6 40.0



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

