

Data File : VU025717.D
Acq On : 30 Jul 2018 12:20
Operator : MD/SY
Sample : VU0730WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Quant Time: Aug 07 05:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	167032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	252385	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	247378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151506	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	133577	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	4.89	113	106422	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	7.57	98	376158	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.31	95	142068	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.21	85	52236	20.691	ug/l	98
3) Chloromethane	1.33	50	43960	18.218	ug/l	100
4) Vinyl Chloride	1.41	62	43761	19.271	ug/l	98
5) Bromomethane	1.63	94	23925	21.572	ug/l	99
6) Chloroethane	1.70	64	24866	18.727	ug/l	95
7) Trichlorofluoromethane	1.89	101	64987	19.794	ug/l	96
8) Diethyl Ether	2.10	74	23488	19.772	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36741	19.338	ug/l	99
10) Methyl Iodide	2.41	142	24460	20.025	ug/l	99
11) Tert butyl alcohol	2.82	59	57277	100.522	ug/l	99
12) 1,1-Dichloroethene	2.29	96	33896	18.900	ug/l	96
13) Acrolein	2.20	56	17679	84.327	ug/l	98
14) Allyl chloride	2.59	41	62366	19.351	ug/l	97
15) Acrylonitrile	2.94	53	114189	100.373	ug/l	99
16) Acetone	2.32	43	115858	91.310	ug/l	98
17) Carbon Disulfide	2.48	76	109190	18.812	ug/l	98
18) Methyl Acetate	2.62	43	67768	22.190	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	135718	20.883	ug/l	100
20) Methylene Chloride	2.71	84	43007	19.125	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	40326	19.451	ug/l	98
22) Diisopropyl ether	3.58	45	132978	20.938	ug/l	92
23) Vinyl Acetate	3.53	43	557454	100.717	ug/l	99
24) 1,1-Dichloroethane	3.45	63	76029	19.942	ug/l	99
25) 2-Butanone	4.26	43	169257	97.992	ug/l	98
26) 2,2-Dichloropropane	4.23	77	69180	19.964	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	46426	19.862	ug/l	98
28) Bromochloromethane	4.55	49	34411	20.187	ug/l	96
29) Tetrahydrofuran	4.64	42	104969	101.437	ug/l	98
30) Chloroform	4.68	83	79934	19.863	ug/l	99
31) Cyclohexane	5.00	56	66323	19.164	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	70784	19.537	ug/l	97
36) 1,1-Dichloropropene	5.14	75	57815	19.601	ug/l	100
37) Ethyl Acetate	4.38	43	58817	19.232	ug/l	98
38) Carbon Tetrachloride	5.14	117	63875	19.120	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	65085	19.259	ug/l	99
40) Benzene	5.39	78	167971	19.483	ug/l	97
41) Methacrylonitrile	4.55	41	34068	20.055	ug/l	98
42) 1,2-Dichloroethane	5.41	62	67364	20.292	ug/l	99
43) Isopropyl Acetate	5.55	43	100563	19.898	ug/l	99
44) Trichloroethene	6.19	130	47157	19.640	ug/l	99
45) 1,2-Dichloropropane	6.44	63	43539	19.363	ug/l	96
46) Dibromomethane	6.56	93	32990	20.248	ug/l	98
47) Bromodichloromethane	6.76	83	61772	19.876	ug/l	94
48) Methyl methacrylate	6.63	41	51281	20.703	ug/l	99
49) 1,4-Dioxane	6.62	88	25291	419.582	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	312326	98.711	ug/l	100
52) Toluene	7.64	92	107020	19.980	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71565	20.509	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	74324	20.735	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	43996	19.765	ug/l	98
56) Ethyl methacrylate	8.02	69	63959	20.111	ug/l	97
57) 1,3-Dichloropropane	8.25	76	76695	20.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	122570	89.774	ug/l	99
59) 2-Hexanone	8.36	43	238496	96.159	ug/l	98
60) Dibromochloromethane	8.48	129	51925	19.781	ug/l	100
61) 1,2-Dibromoethane	8.59	107	49387	19.950	ug/l	99
64) Tetrachloroethene	8.23	164	41338	18.985	ug/l	97
65) Chlorobenzene	9.12	112	124556	19.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	46013	19.943	ug/l	97
67) Ethyl Benzene	9.25	91	204984	19.403	ug/l	100
68) m/p-Xylenes	9.38	106	162016	39.945	ug/l	98
69) o-Xylene	9.78	106	77192	19.473	ug/l	98
70) Styrene	9.80	104	125740	19.638	ug/l	99
71) Bromoform	9.96	173	39990	19.989	ug/l #	98
73) Isopropylbenzene	10.17	105	209291	20.240	ug/l	99
74) N-amyl acetate	10.01	43	85741	20.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	72100	20.163	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	83970	25.155	ug/l	83
77) Bromobenzene	10.45	156	56507	19.812	ug/l	99
78) n-propylbenzene	10.59	91	241196	19.984	ug/l	100
79) 2-Chlorotoluene	10.66	91	144505	20.441	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	179552	20.445	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	83970	63.075	ug/l #	100
82) 4-Chlorotoluene	10.78	91	172243	20.670	ug/l	100
83) tert-Butylbenzene	11.10	119	175064	20.064	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	182444	20.501	ug/l	98
85) sec-Butylbenzene	11.33	105	212743	19.970	ug/l	100
86) p-Isopropyltoluene	11.48	119	194174	20.356	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	105752	19.975	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	108128	19.593	ug/l	99
89) n-Butylbenzene	11.89	91	173567	19.718	ug/l	100
90) Hexachloroethane	12.15	117	32137	18.949	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	105080	20.249	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17217	20.309	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073018\
Quantitation Report (Not Reviewed)

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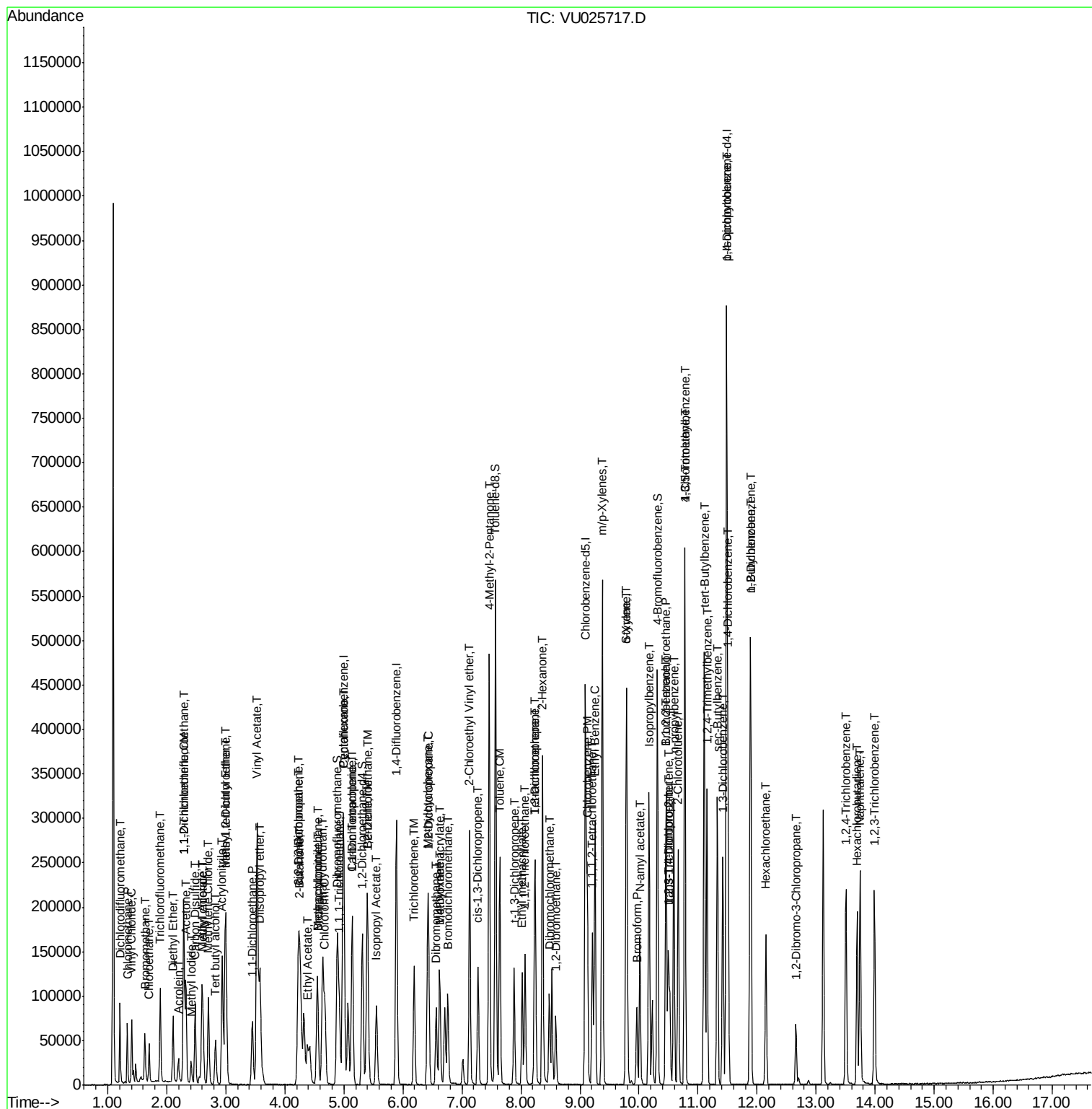
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70294	20.070	ug/l	99
94) Hexachlorobutadiene	13.70	225	36569	19.807	ug/l	99
95) Naphthalene	13.75	128	198257	18.433	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	70798	20.264	ug/l	99

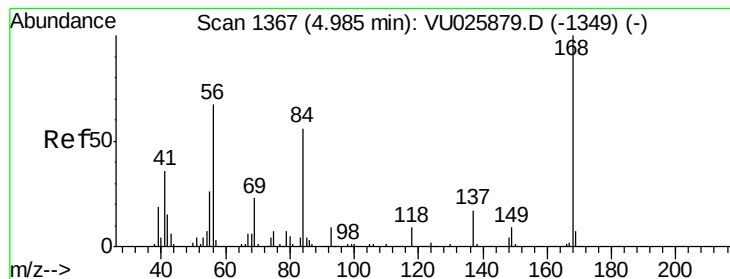
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

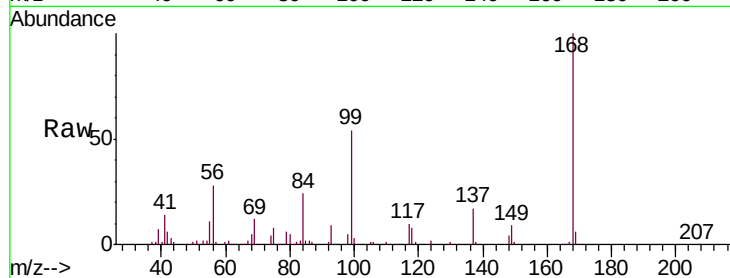
VU0730WBSD01

Tgt Ion:168 Resp: 167032

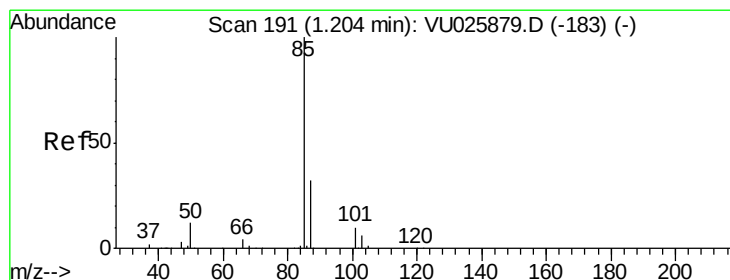
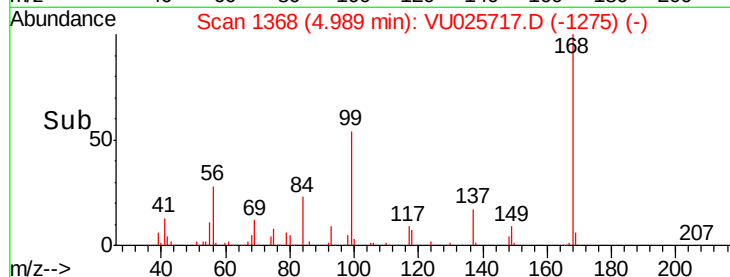
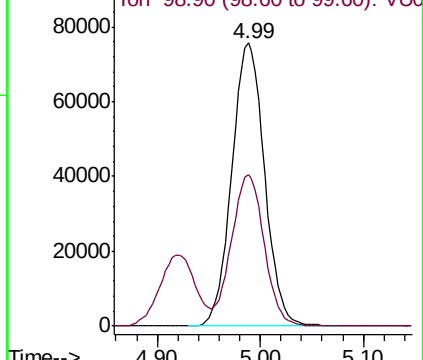
Ion Ratio Lower Upper

168 100

99 53.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025717.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 20.691 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025717.D

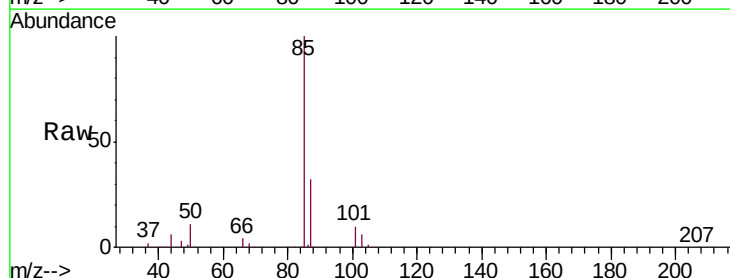
Acq: 30 Jul 2018 12:20

Tgt Ion: 85 Resp: 52236

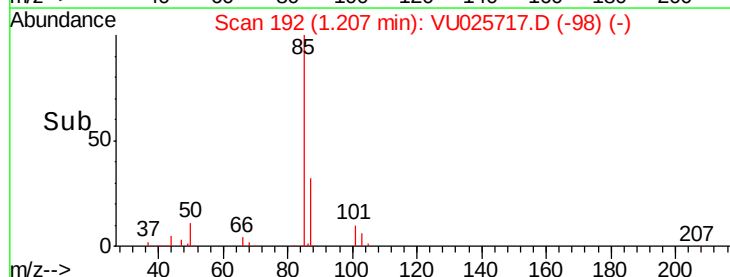
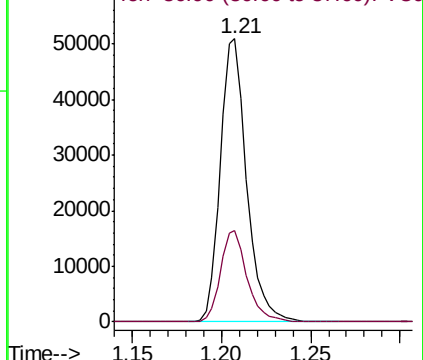
Ion Ratio Lower Upper

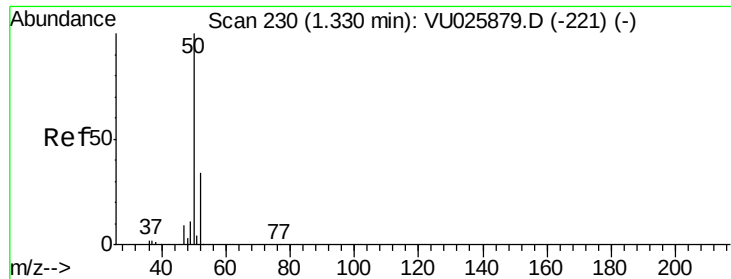
85 100

87 32.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025717.D (-98) (-)





#3

Chloromethane

Concen: 18.218 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

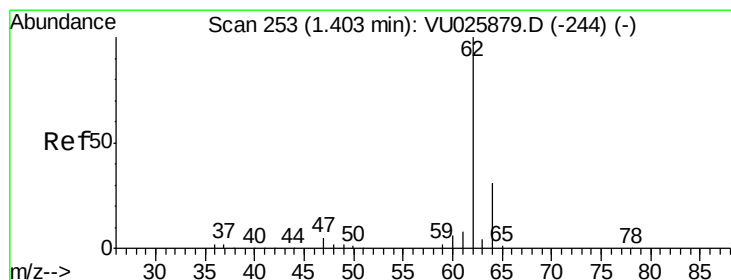
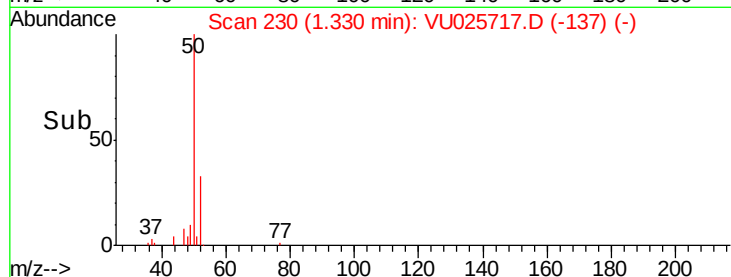
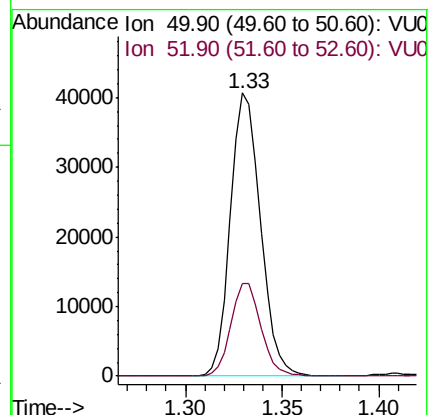
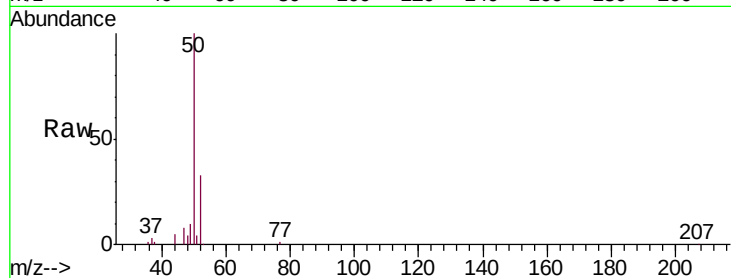
VU0730WBSD01

Tgt Ion: 50 Resp: 43960

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 19.271 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025717.D

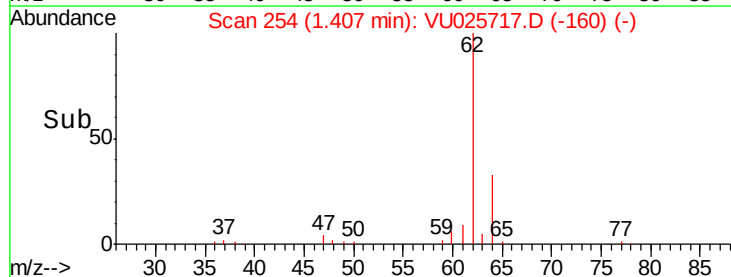
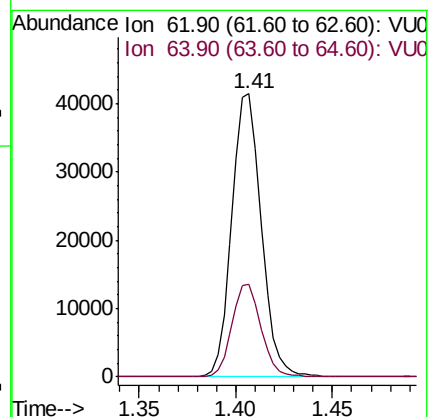
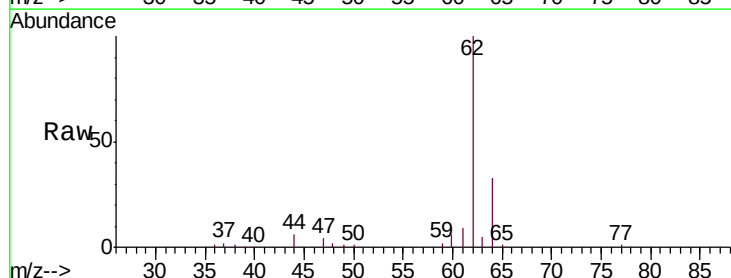
Acq: 30 Jul 2018 12:20

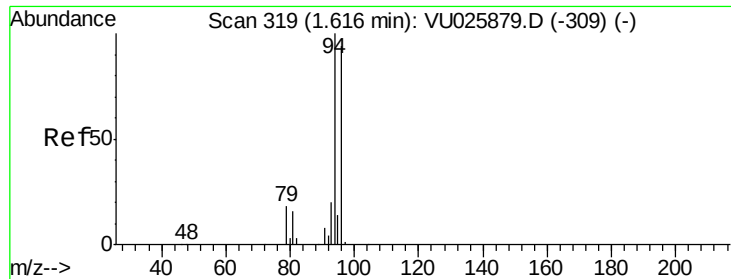
Tgt Ion: 62 Resp: 43761

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 21.572 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

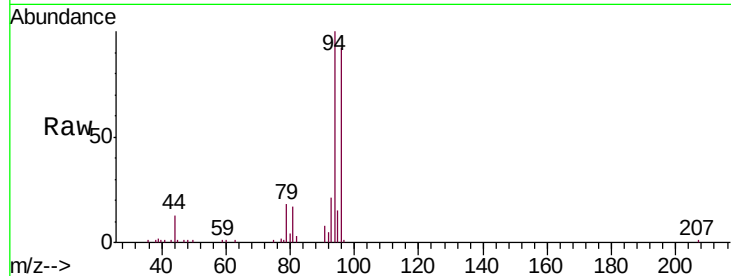
VU0730WBSD01

Tgt Ion: 94 Resp: 23925

Ion Ratio Lower Upper

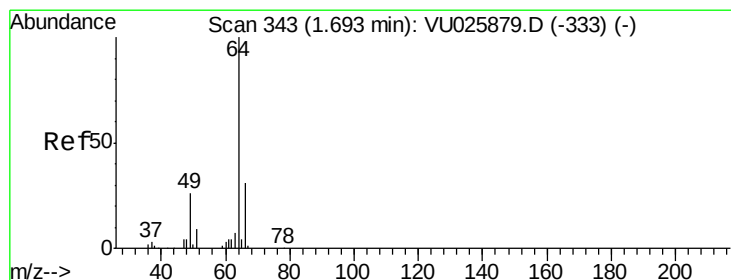
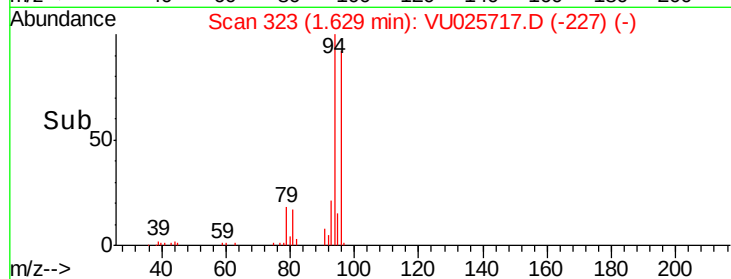
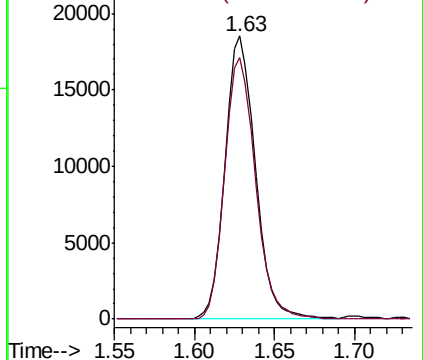
94 100

96 92.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 18.727 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025717.D

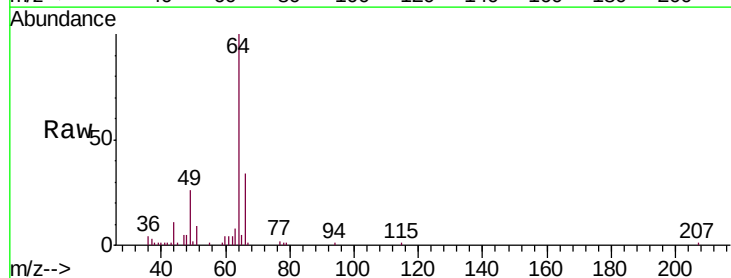
Acq: 30 Jul 2018 12:20

Tgt Ion: 64 Resp: 24866

Ion Ratio Lower Upper

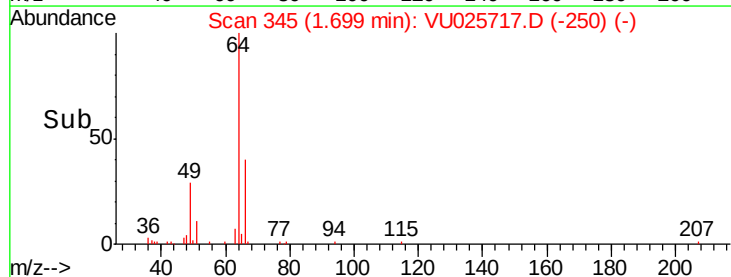
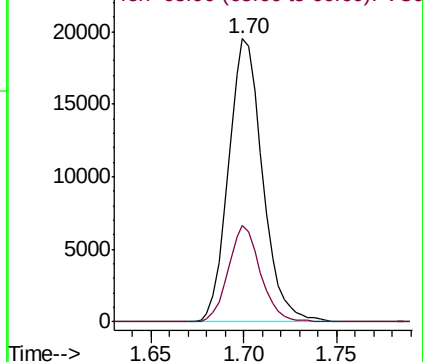
64 100

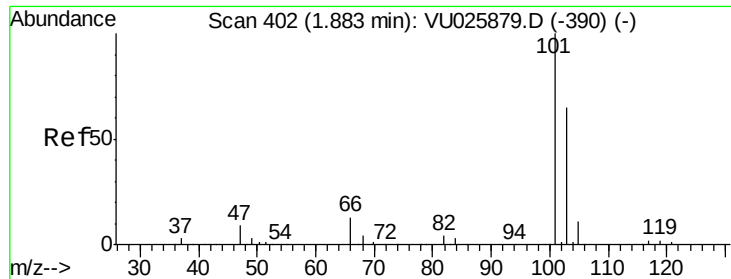
66 33.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



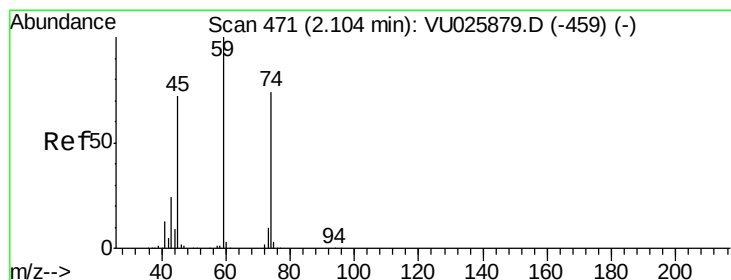
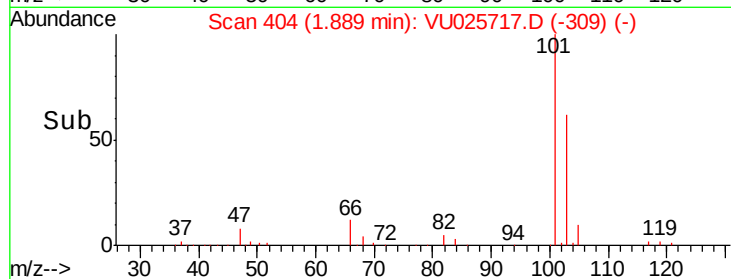
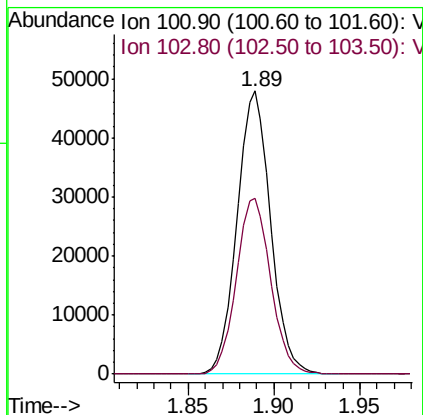
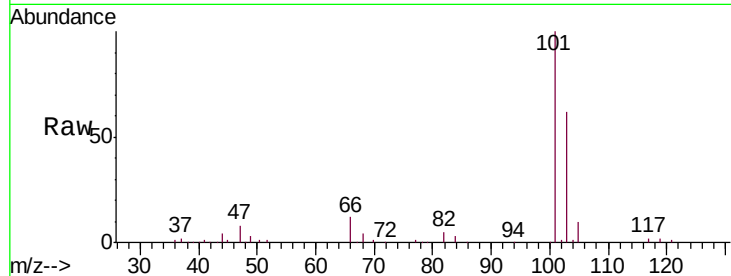


#7

Trichlorofluoromethane
 Concen: 19.794 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: VU025717.D
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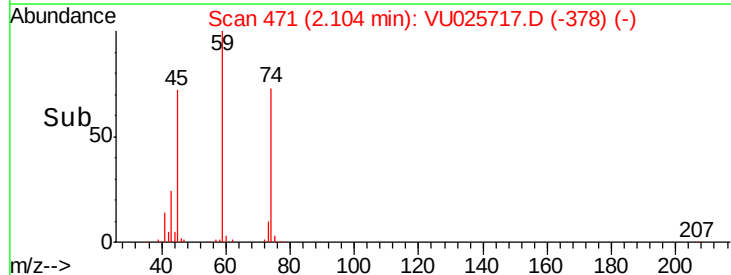
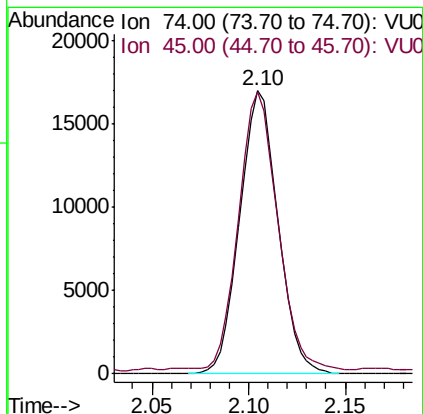
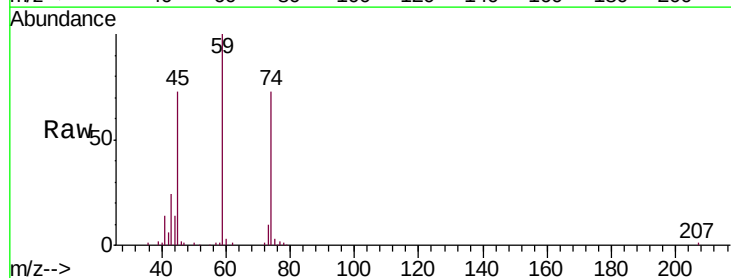
Tgt Ion:101 Resp: 64987
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.2 78.2

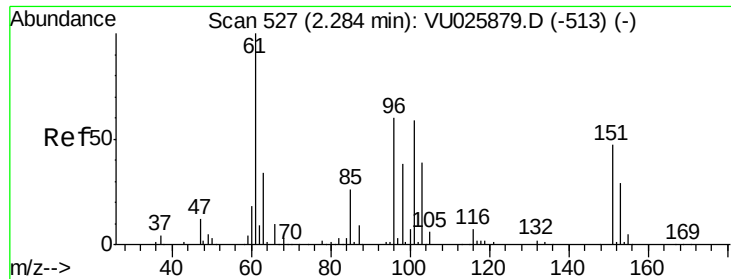


#8

Diethyl Ether
 Concen: 19.772 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion: 74 Resp: 23488
 Ion Ratio Lower Upper
 74 100
 45 99.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.338 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

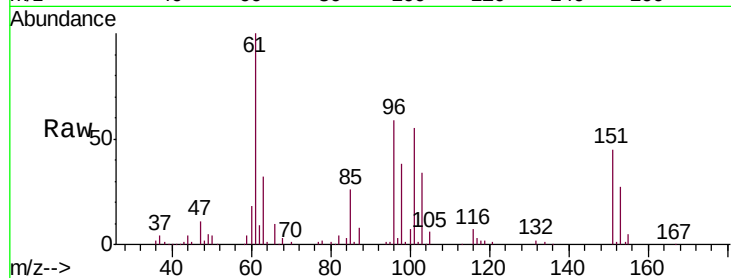
Tgt Ion:101 Resp: 36741

Ion Ratio Lower Upper

101 100

85 46.3 36.0 54.0

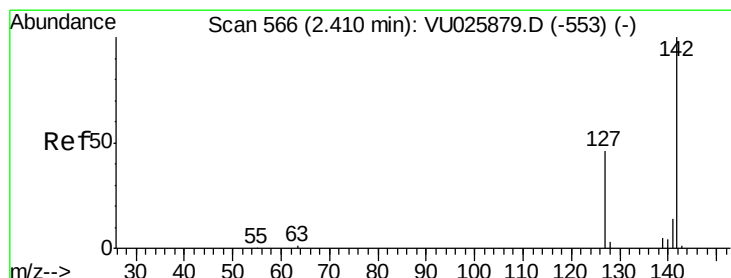
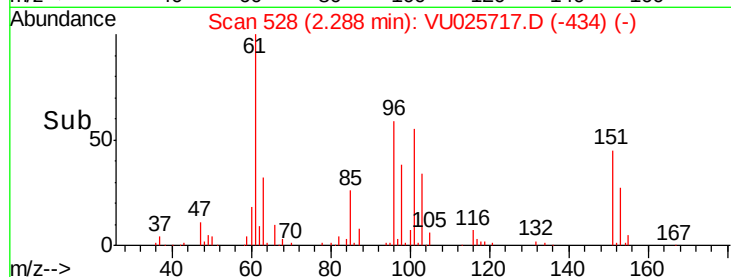
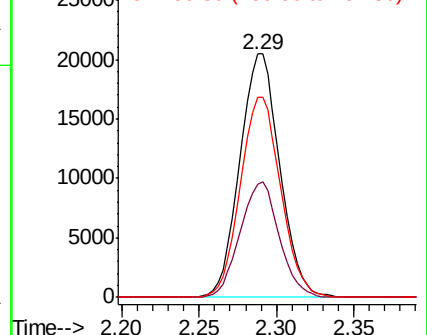
151 82.8 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.025 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

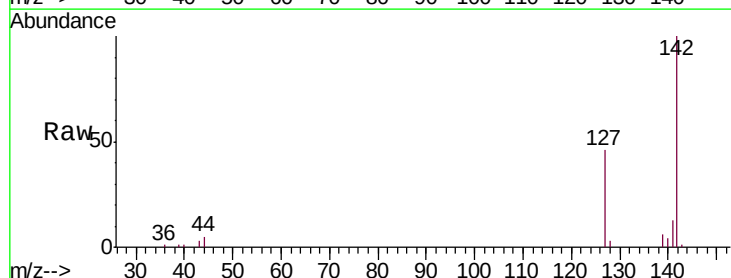
Tgt Ion:142 Resp: 24460

Ion Ratio Lower Upper

142 100

127 45.2 36.5 54.7

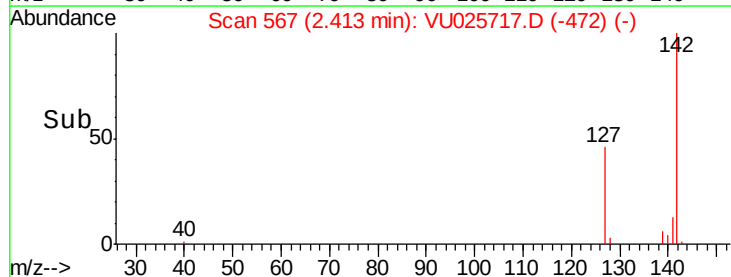
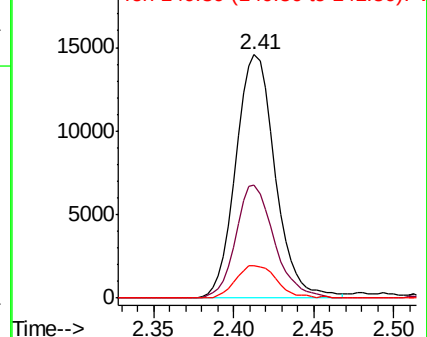
141 13.7 11.4 17.2

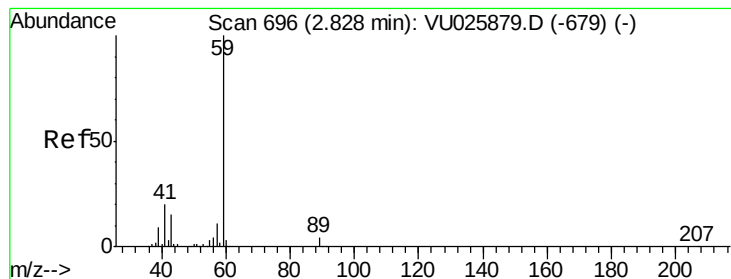


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



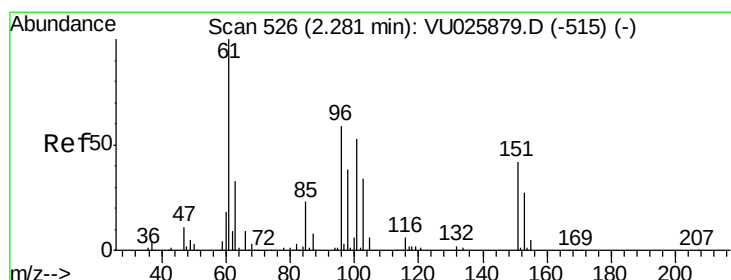
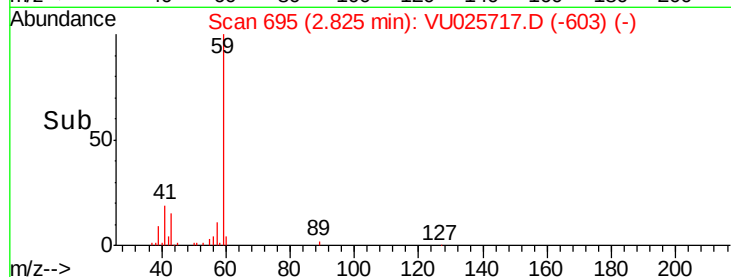
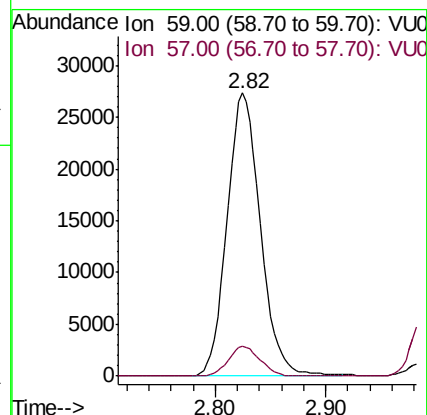
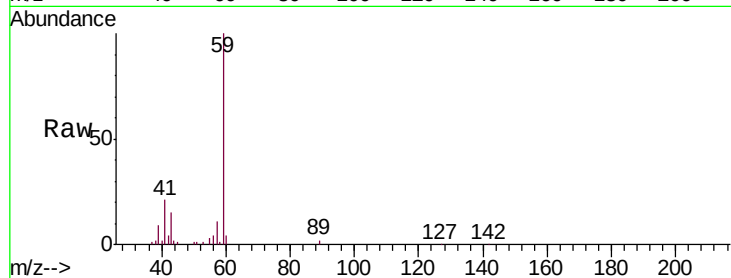


#11

Tert butyl alcohol
 Concen: 100.522 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

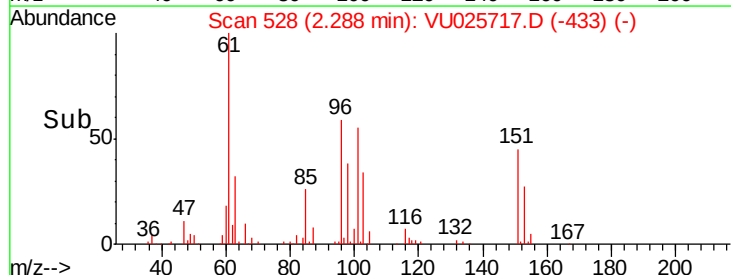
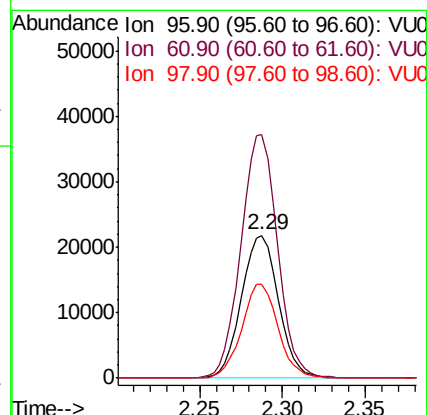
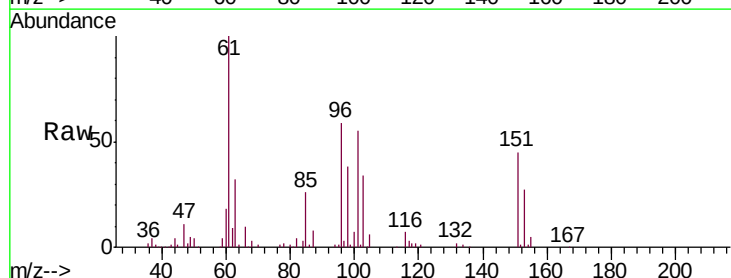
Tgt Ion: 59 Resp: 57277
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

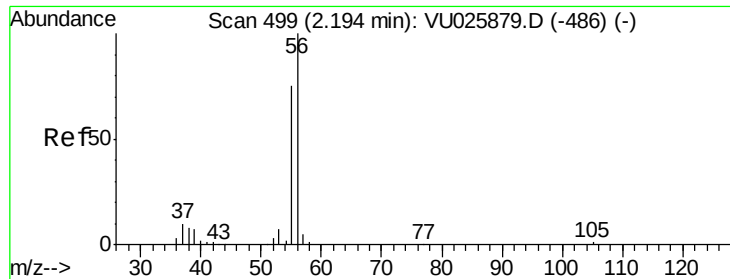


#12

1,1-Dichloroethene
 Concen: 18.900 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion: 96 Resp: 33896
 Ion Ratio Lower Upper
 96 100
 61 170.1 140.2 210.4
 98 65.2 49.3 73.9

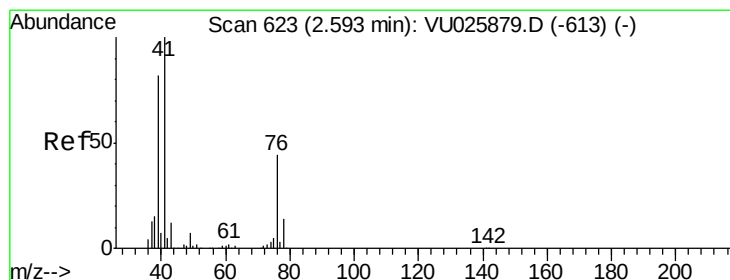
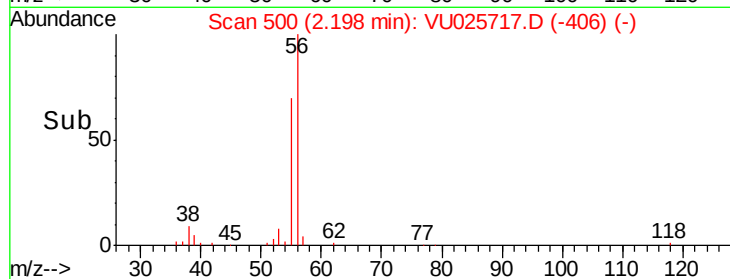
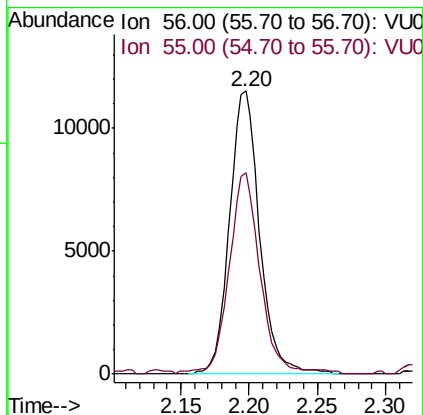
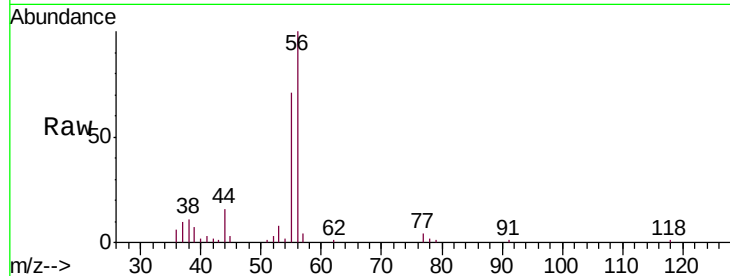




#13
Acrolein
Concen: 84.327 ug/l
RT: 2.20 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

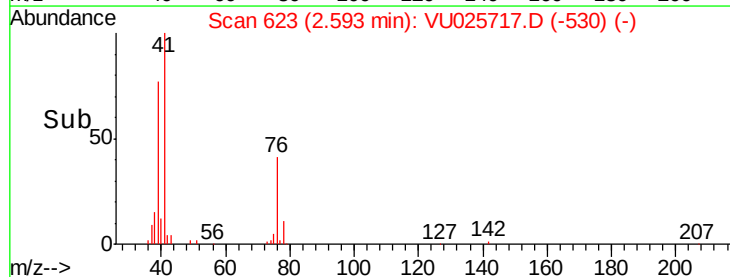
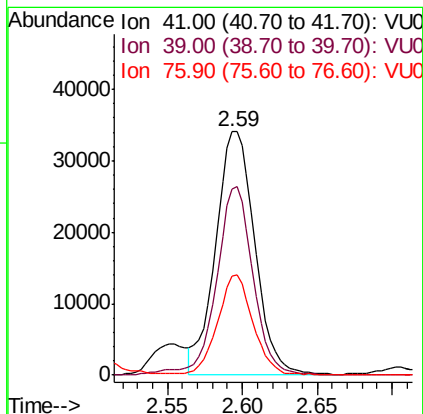
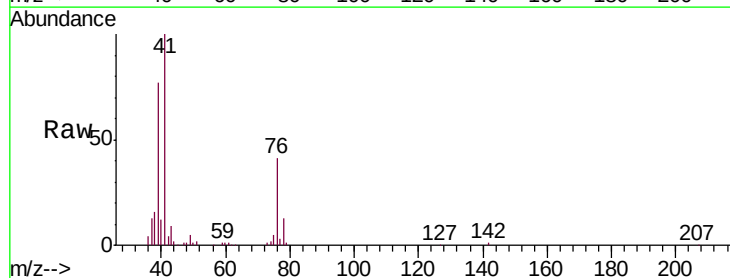
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

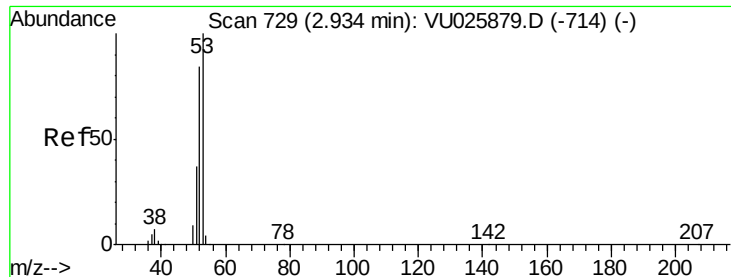
Tgt Ion: 56 Resp: 17679
Ion Ratio Lower Upper
56 100
55 72.8 57.2 85.8



#14
Allyl chloride
Concen: 19.351 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 41 Resp: 62366
Ion Ratio Lower Upper
41 100
39 72.2 60.6 91.0
76 37.2 30.5 45.7





#15

Acrylonitrile

Concen: 100.373 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

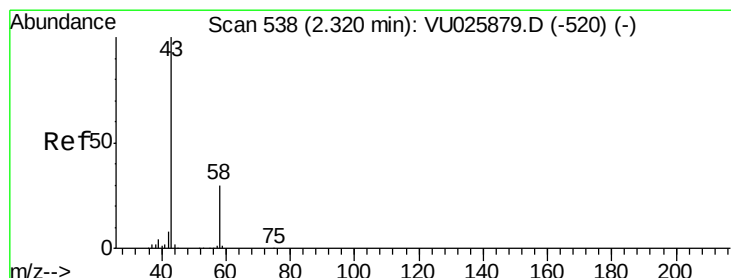
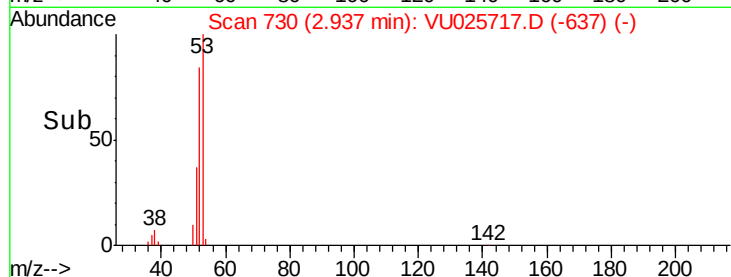
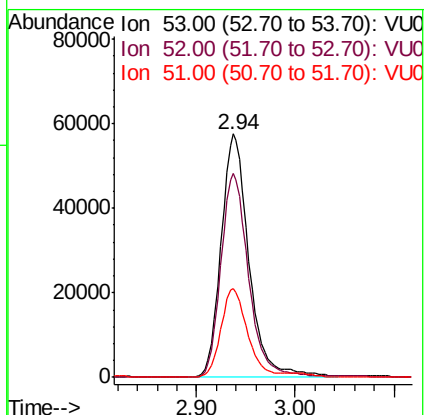
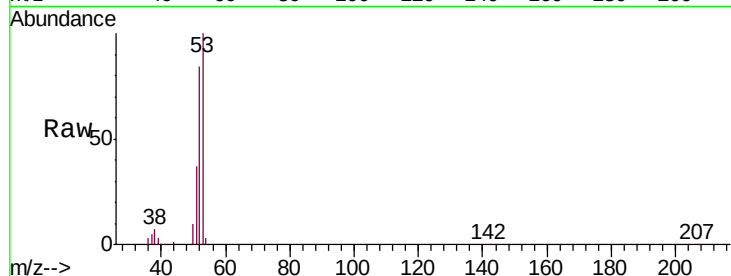
Tgt Ion: 53 Resp: 114189

Ion Ratio Lower Upper

53 100

52 83.1 66.6 99.8

51 34.7 29.4 44.2



#16

Acetone

Concen: 91.310 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025717.D

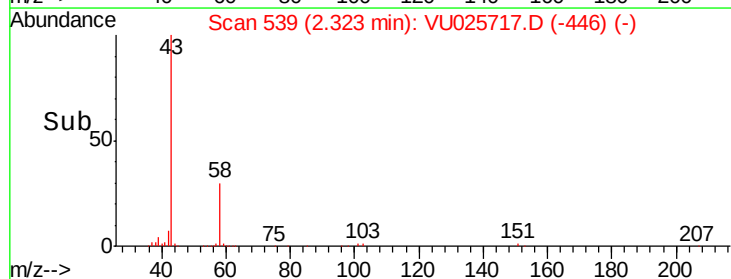
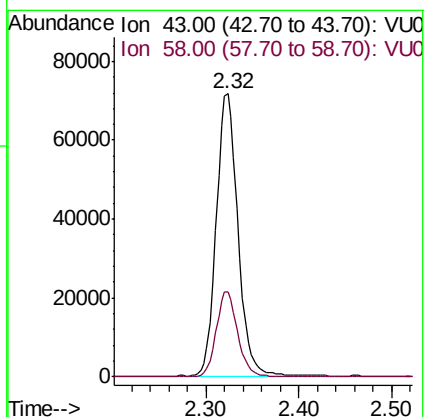
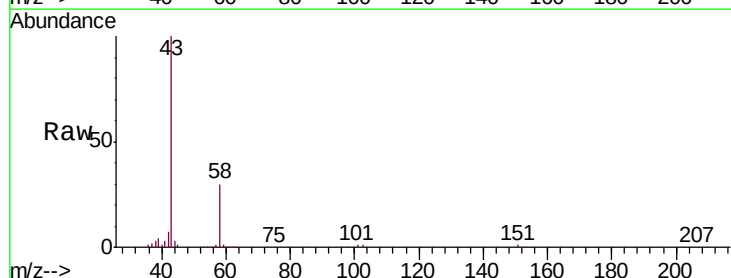
Acq: 30 Jul 2018 12:20

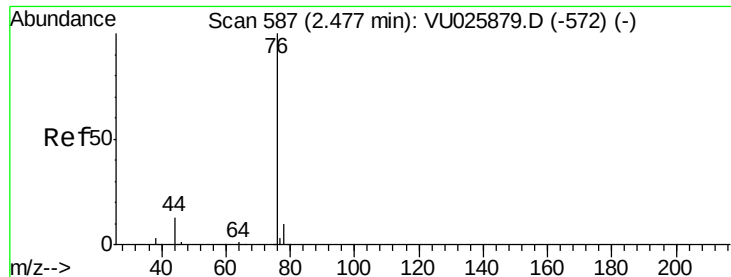
Tgt Ion: 43 Resp: 115858

Ion Ratio Lower Upper

43 100

58 30.2 23.1 34.7





#17

Carbon Disulfide

Concen: 18.812 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

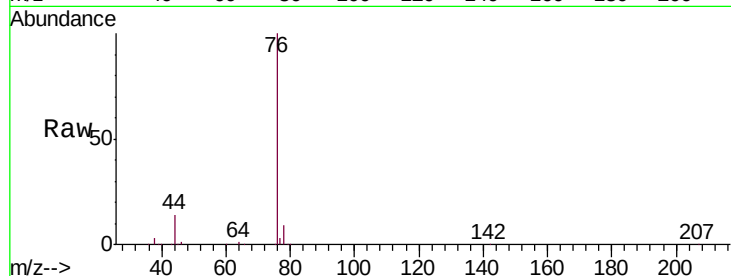
VU0730WBSD01

Tgt Ion: 76 Resp: 109190

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025717.D (-572) (-)

Ion 77.90 (77.60 to 78.60): VU025717.D (-572) (-)

2.48

60000

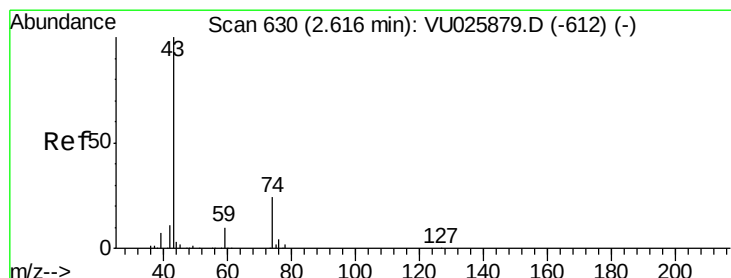
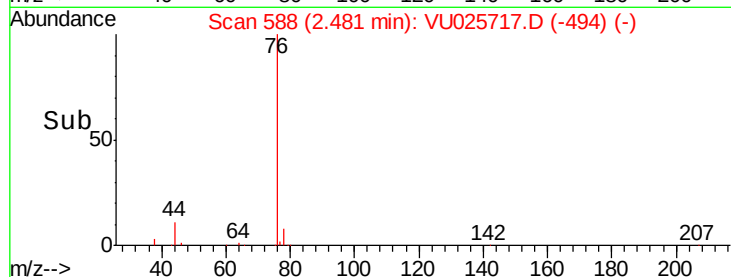
40000

20000

0

Time-->

2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 22.190 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025717.D

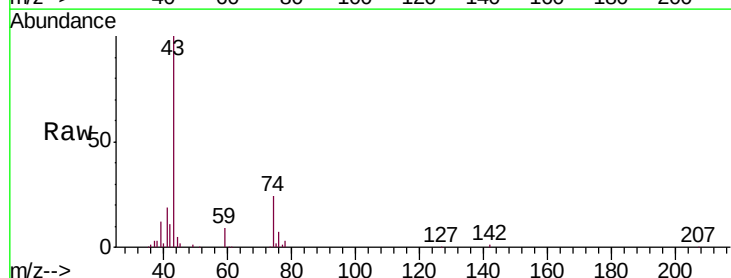
Acq: 30 Jul 2018 12:20

Tgt Ion: 43 Resp: 67768

Ion Ratio Lower Upper

43 100

74 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025717.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU025717.D (-537) (-)

2.62

40000

30000

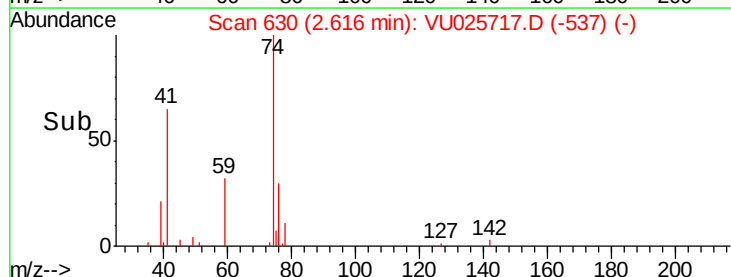
20000

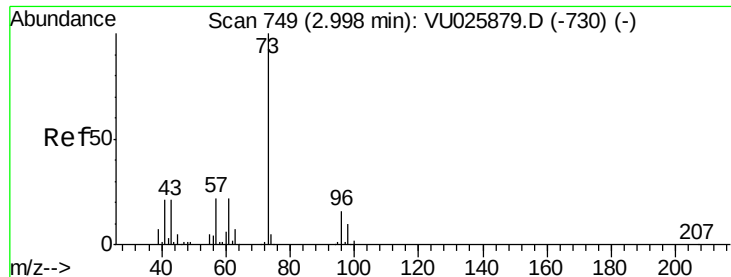
10000

0

Time-->

2.55 2.60 2.65 2.70

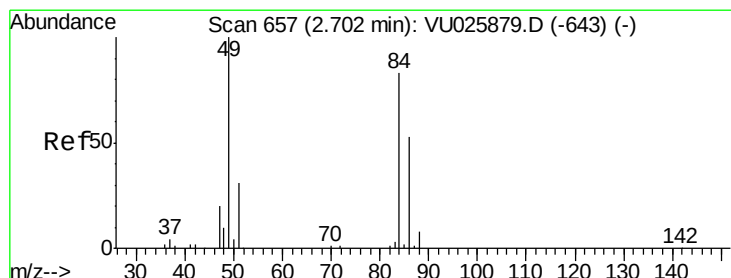
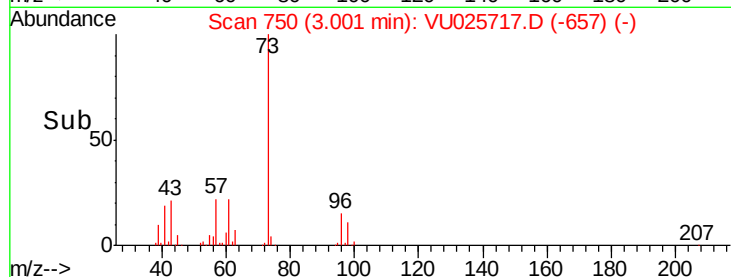
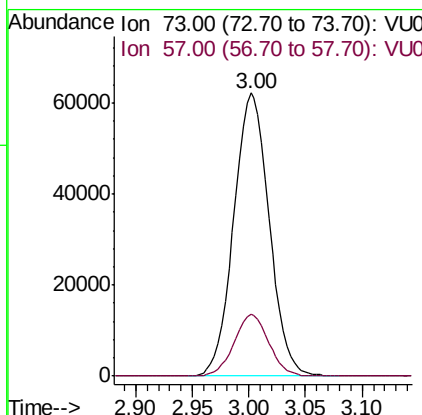
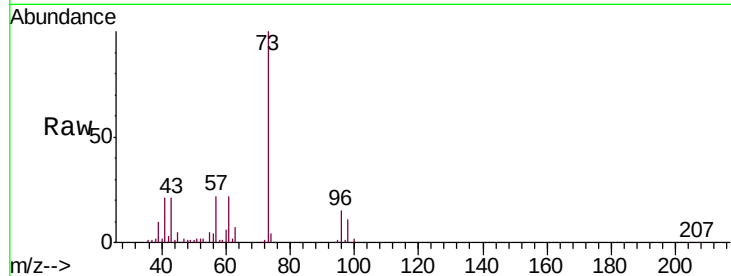




#19
Methyl tert-butyl Ether
Concen: 20.883 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

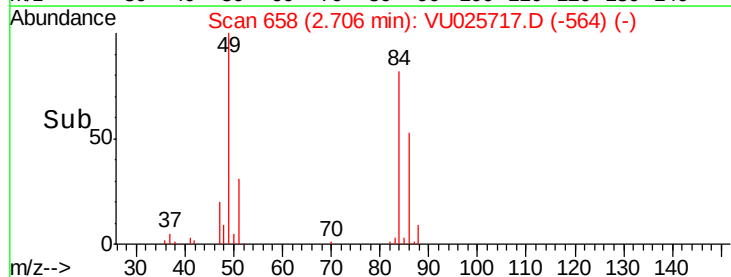
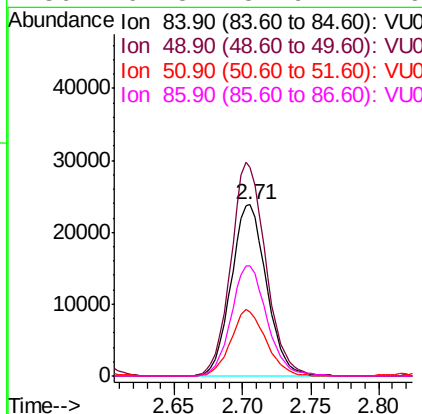
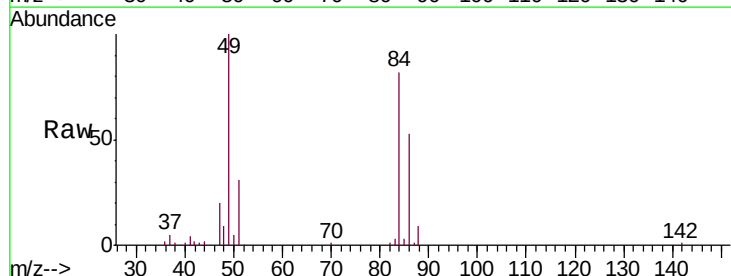
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

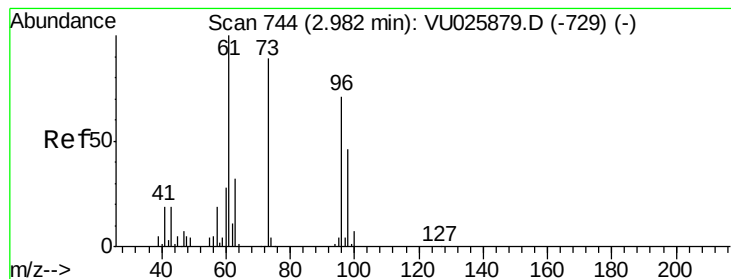
Tgt Ion: 73 Resp: 135718
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2



#20
Methylene Chloride
Concen: 19.125 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 84 Resp: 43007
Ion Ratio Lower Upper
84 100
49 122.1 101.8 152.6
51 37.7 30.8 46.2
86 64.3 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.451 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

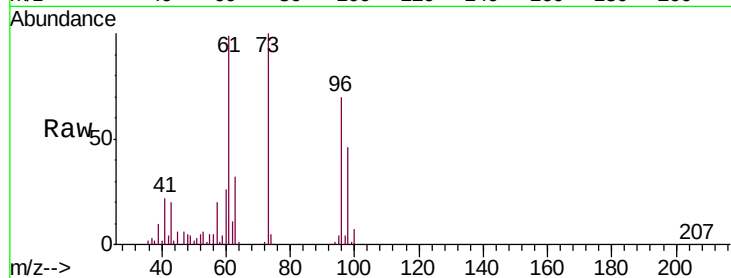
Tgt Ion: 96 Resp: 40326

Ion Ratio Lower Upper

96 100

61 141.2 114.5 171.7

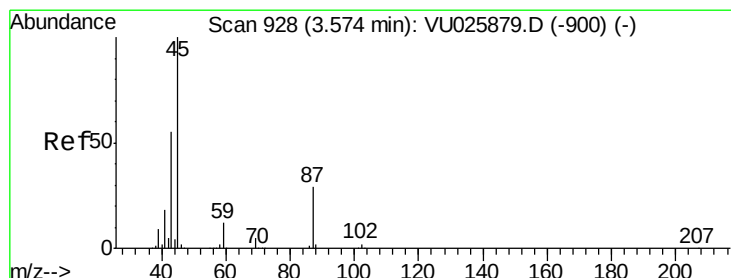
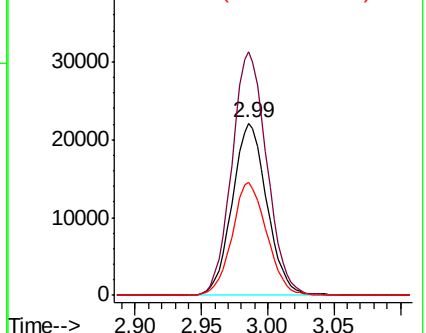
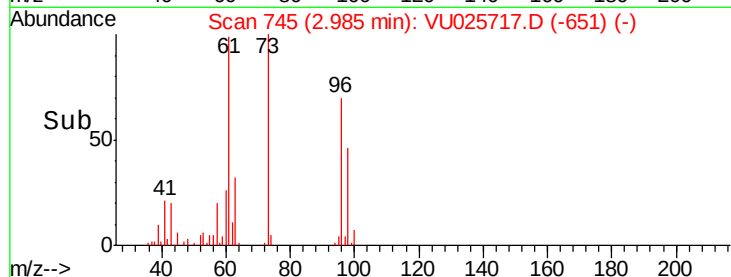
98 65.5 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.938 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Tgt Ion: 45 Resp: 132978

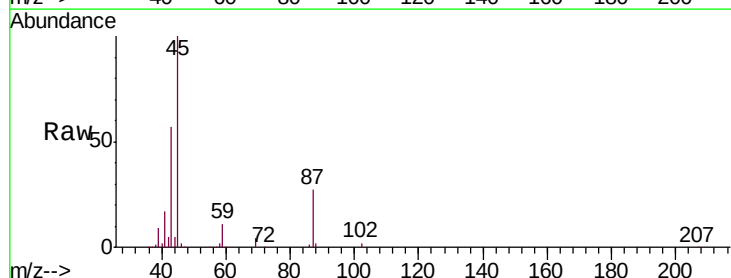
Ion Ratio Lower Upper

45 100

43 55.7 50.9 76.3

87 27.4 23.8 35.8

59 10.7 9.0 13.4

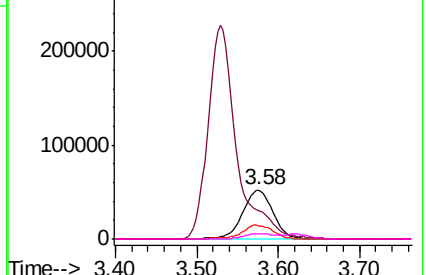
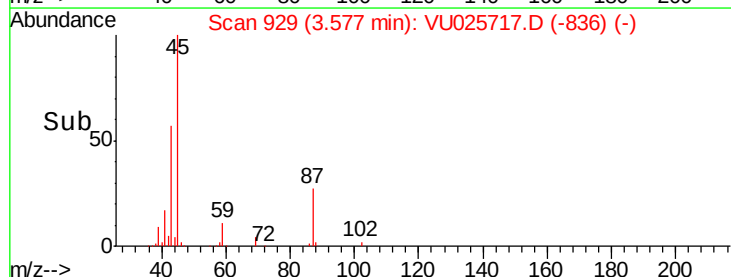


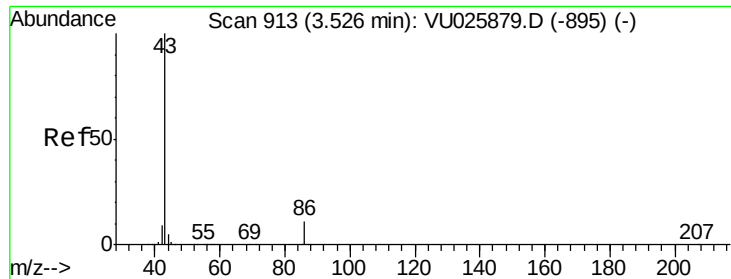
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 100.717 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

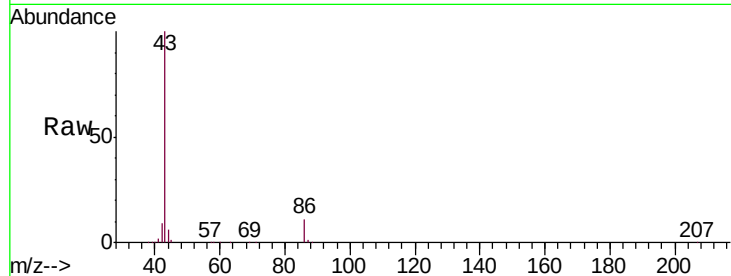
VU0730WBSD01

Tgt Ion: 43 Resp: 557454

Ion Ratio Lower Upper

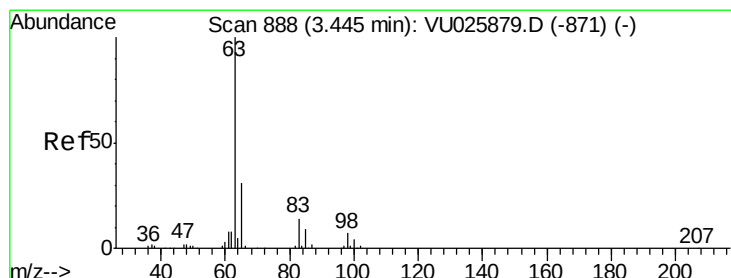
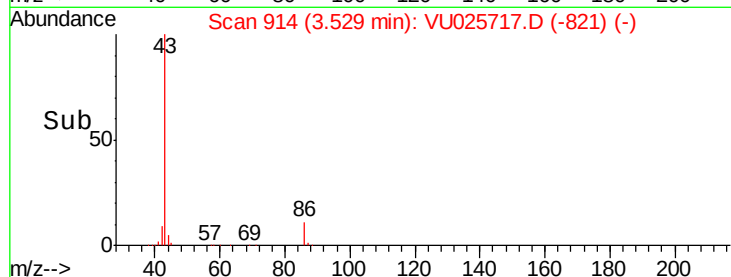
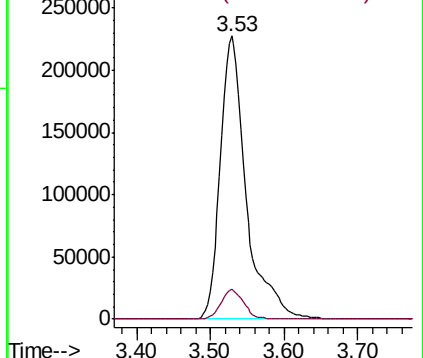
43 100

86 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 19.942 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

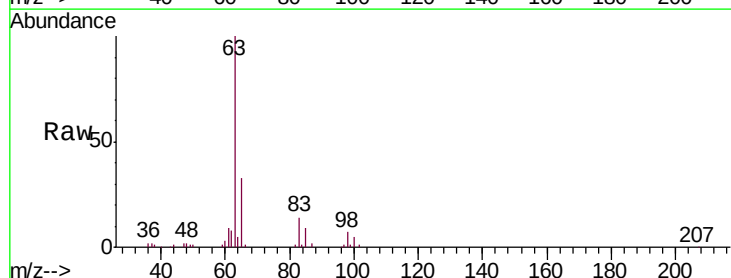
Tgt Ion: 63 Resp: 76029

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

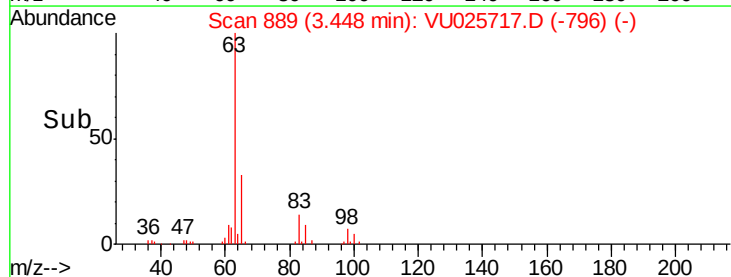
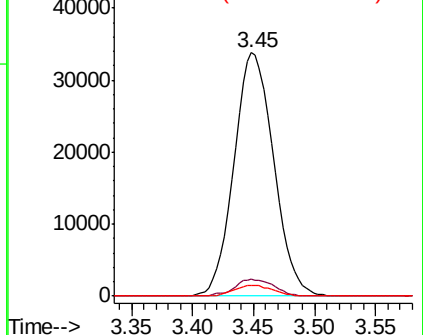
100 4.6 2.0 6.0

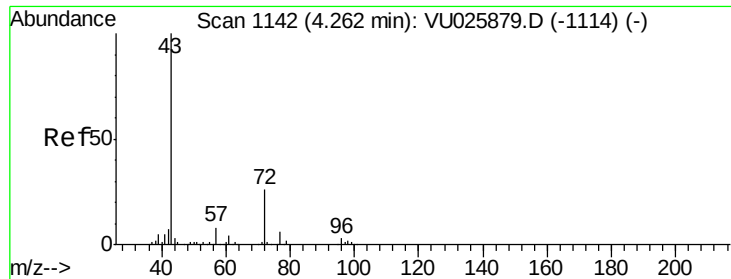


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

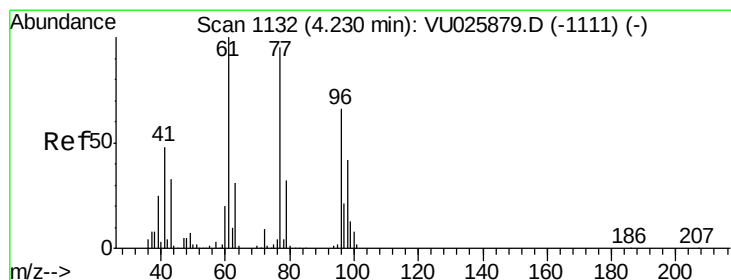
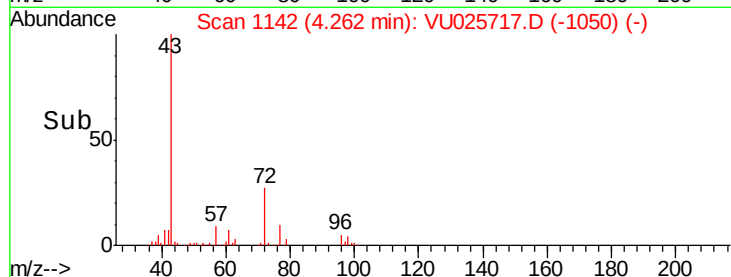
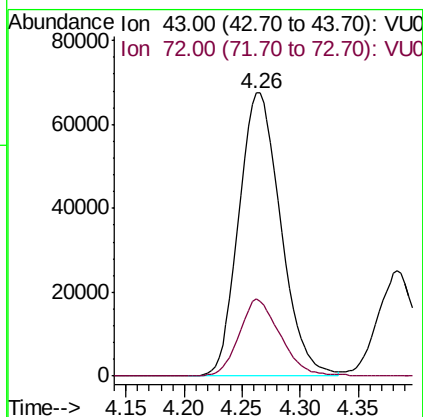
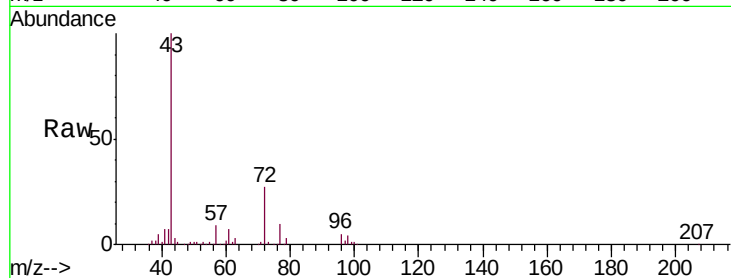




#25
2-Butanone
Concen: 97.992 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

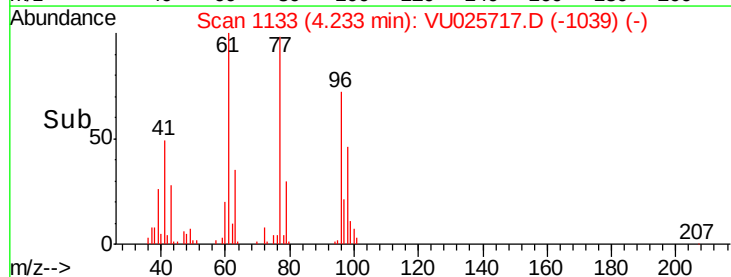
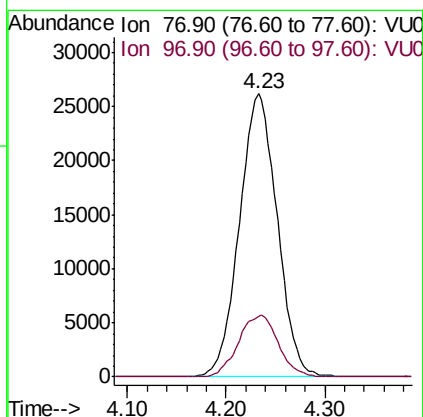
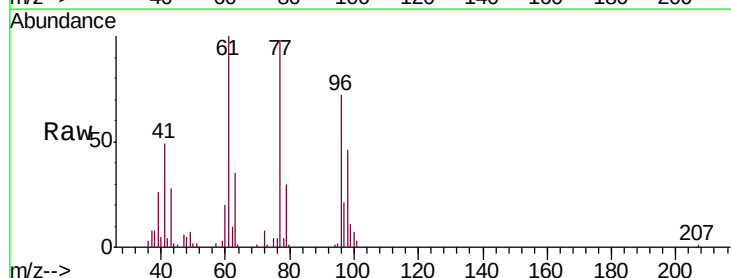
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

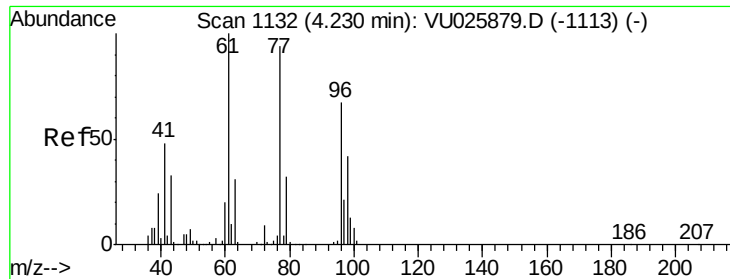
Tgt Ion: 43 Resp: 169257
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 19.964 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 77 Resp: 69180
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.5

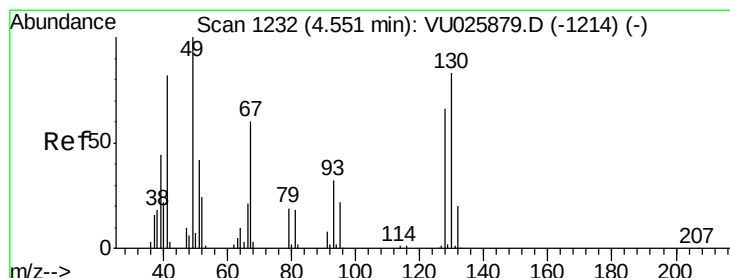
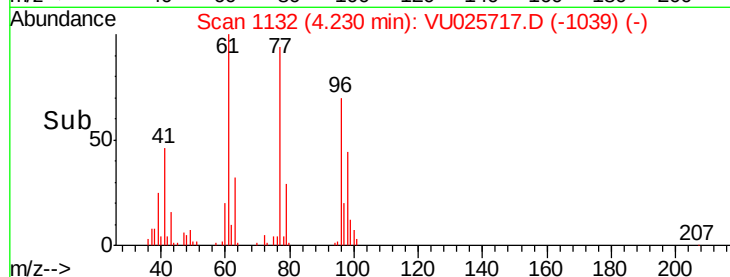
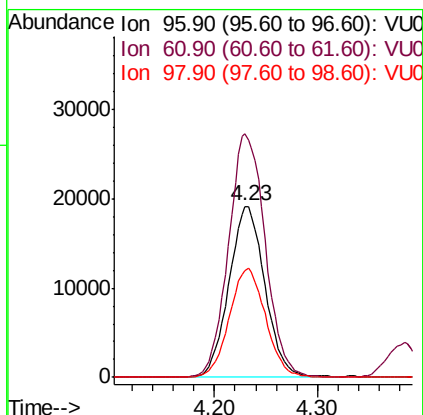
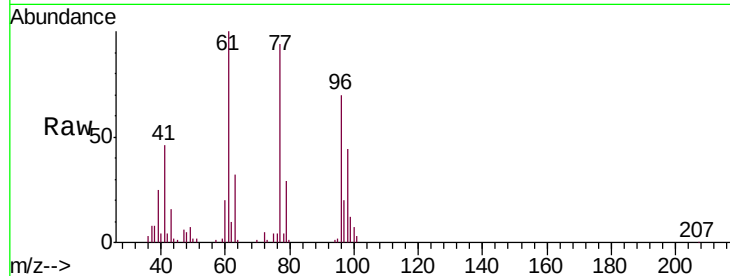




#27
 cis-1,2-Dichloroethene
 Concen: 19.862 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

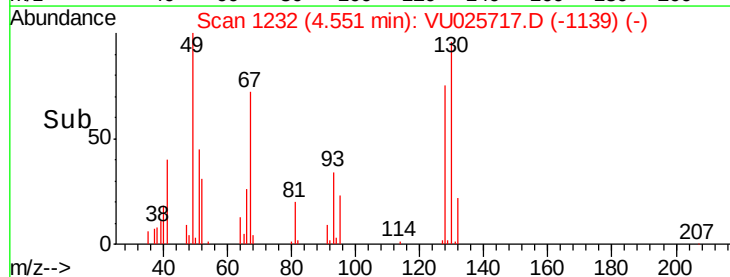
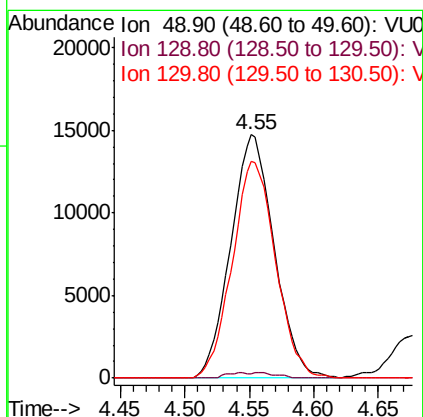
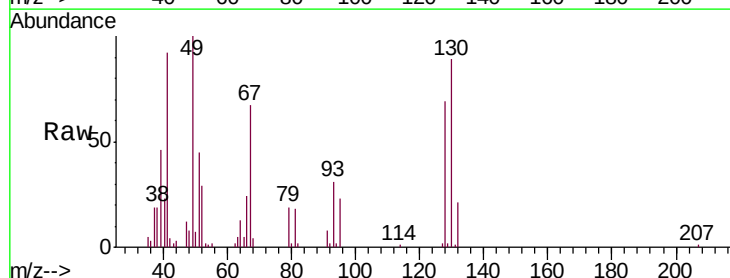
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

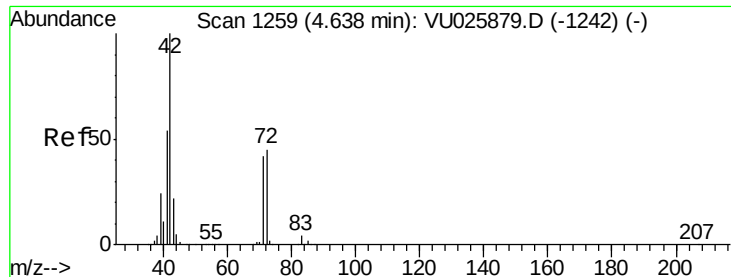
Tgt Ion: 96 Resp: 46426
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 299.8
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.187 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion: 49 Resp: 34411
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 88.9 68.6 102.8





#29

Tetrahydrofuran

Concen: 101.437 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

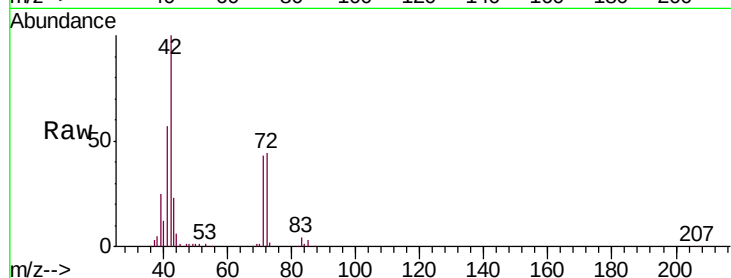
Tgt Ion: 42 Resp: 104969

Ion Ratio Lower Upper

42 100

72 44.0 36.7 55.1

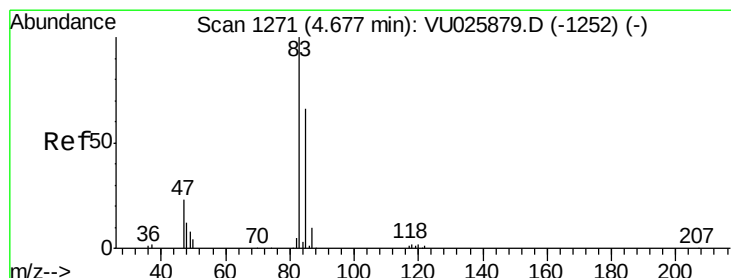
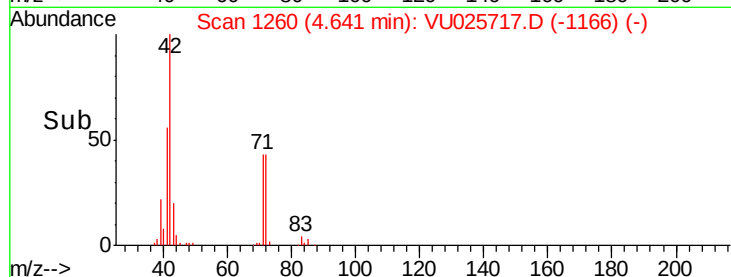
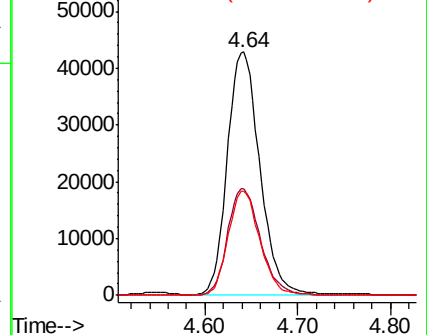
71 41.4 33.9 50.9



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



#30

Chloroform

Concen: 19.863 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025717.D

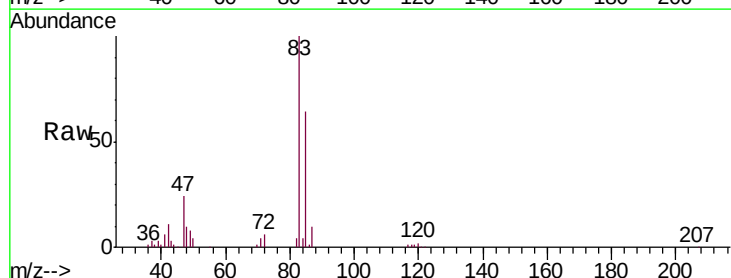
Acq: 30 Jul 2018 12:20

Tgt Ion: 83 Resp: 79934

Ion Ratio Lower Upper

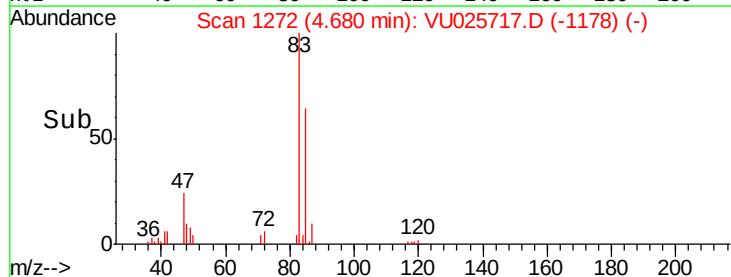
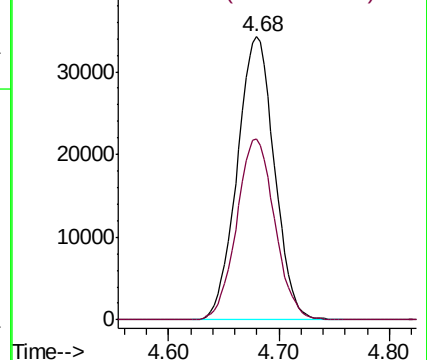
83 100

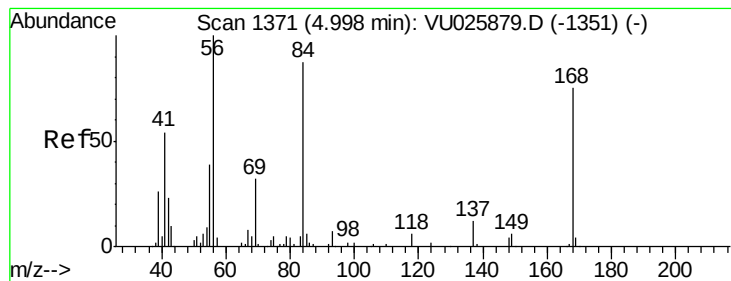
85 63.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 19.164 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

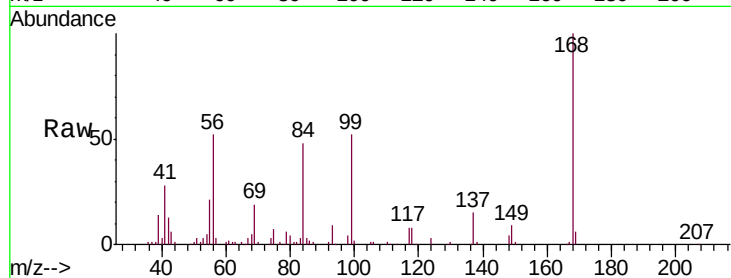
Tgt Ion: 56 Resp: 66323

Ion Ratio Lower Upper

56 100

69 37.0 26.8 40.2

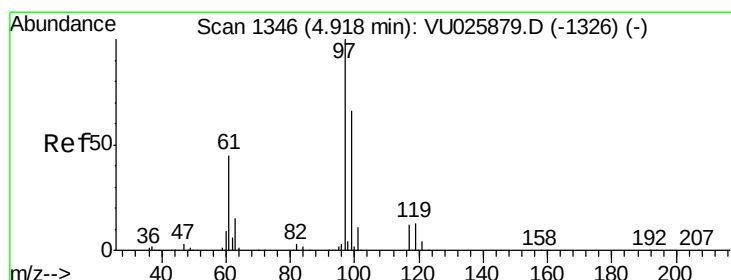
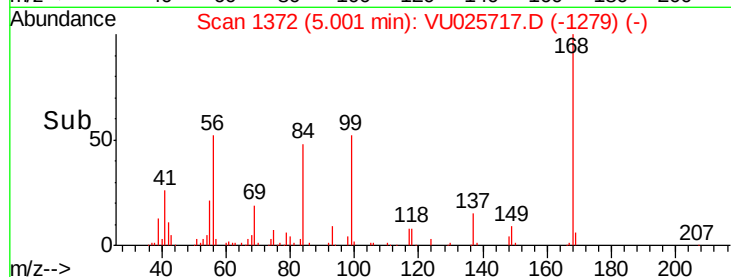
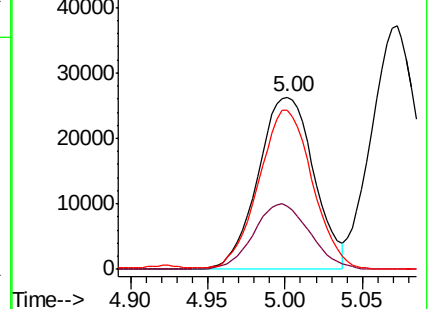
84 91.9 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 19.537 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

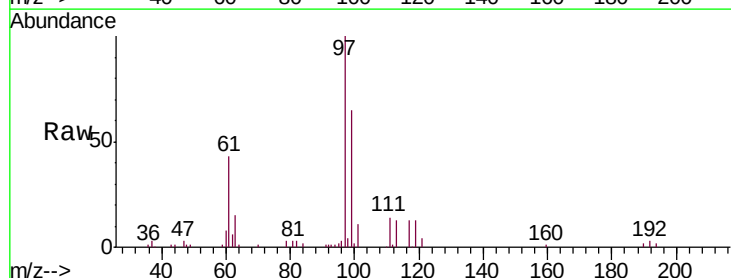
Tgt Ion: 97 Resp: 70784

Ion Ratio Lower Upper

97 100

99 66.4 50.8 76.2

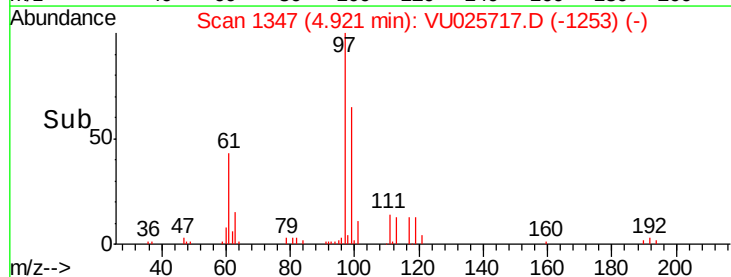
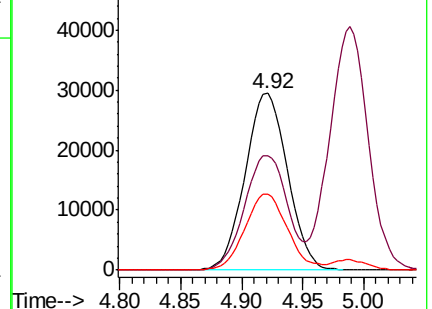
61 43.5 35.2 52.8

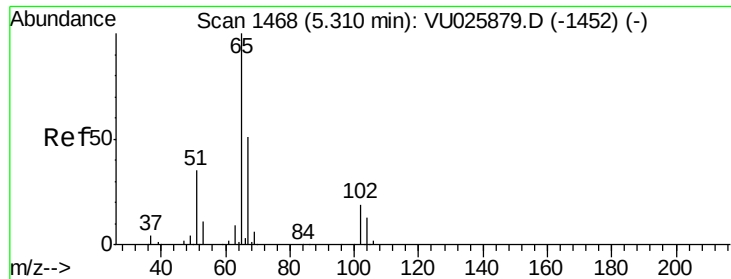


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

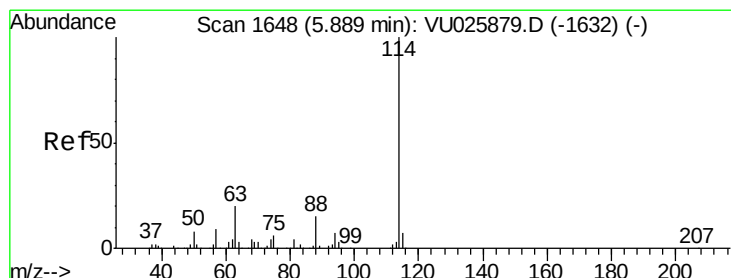
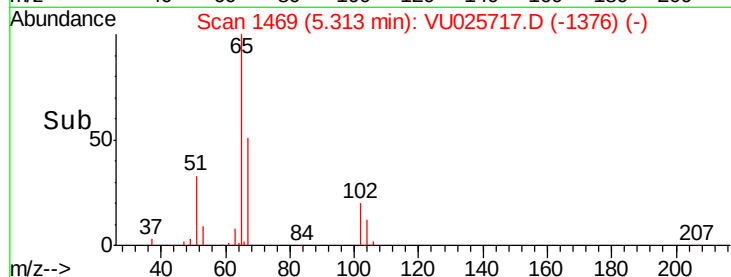
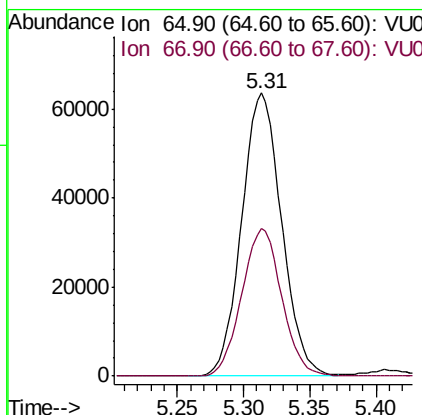
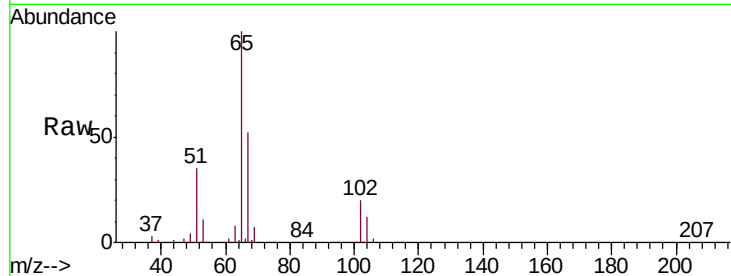




#33
 1,2-Dichloroethane-d4
 Concen: 51.326 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

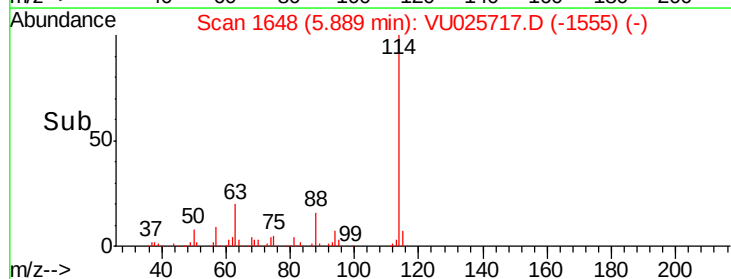
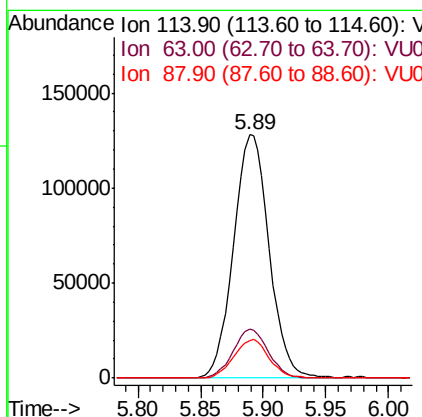
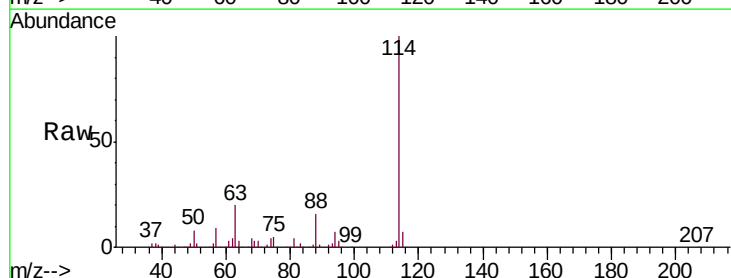
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

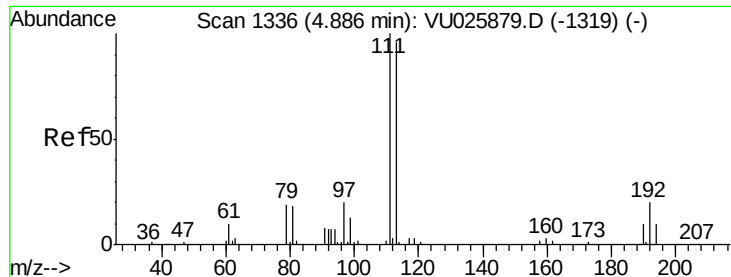
Tgt Ion: 65 Resp: 133577
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion: 114 Resp: 252385
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.481 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

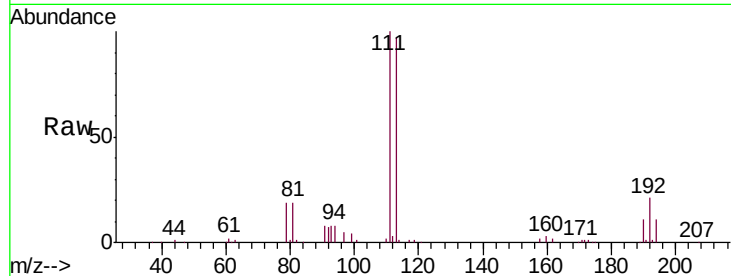
Tgt Ion:113 Resp: 106422

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

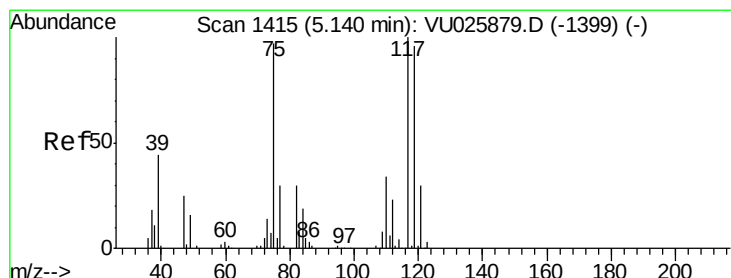
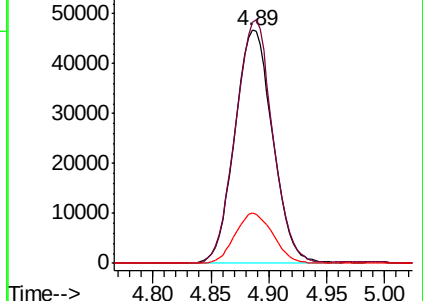
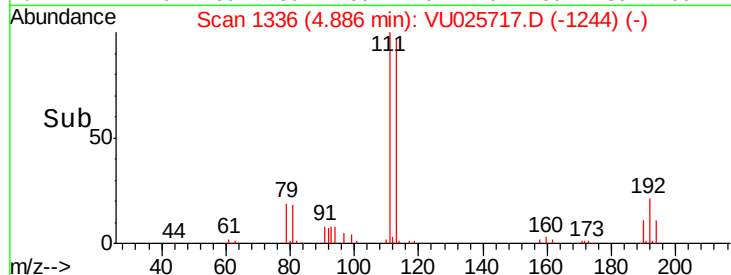
192 21.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.601 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

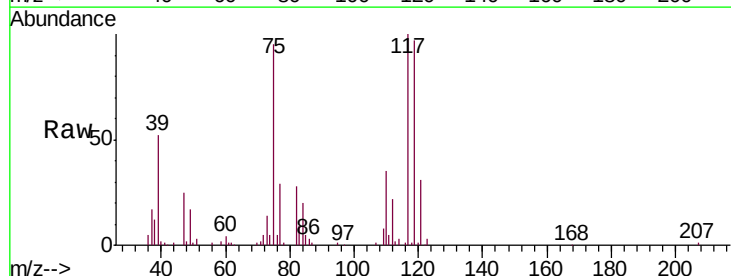
Tgt Ion: 75 Resp: 57815

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.9

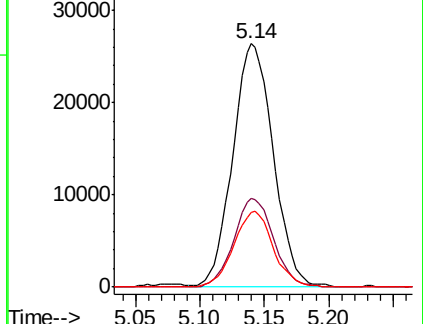
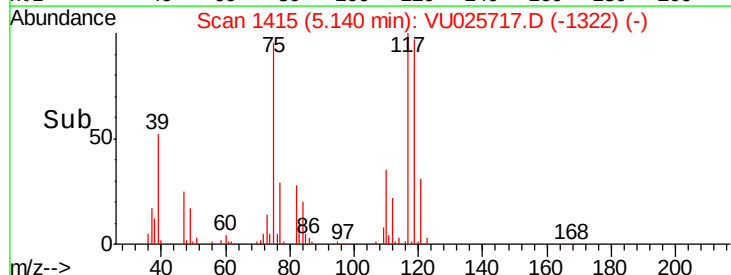
77 30.2 24.4 36.6

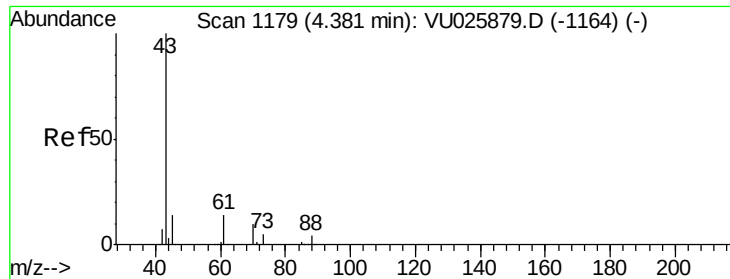


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

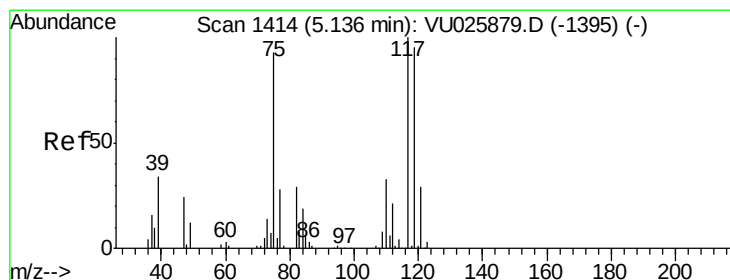
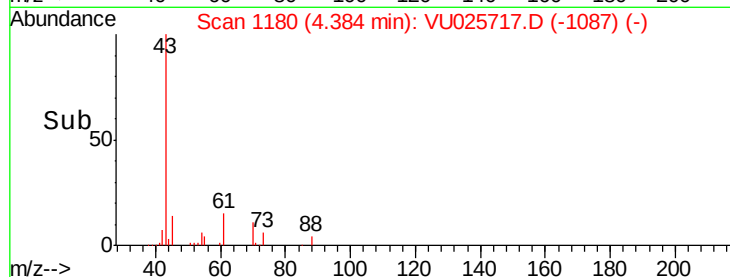
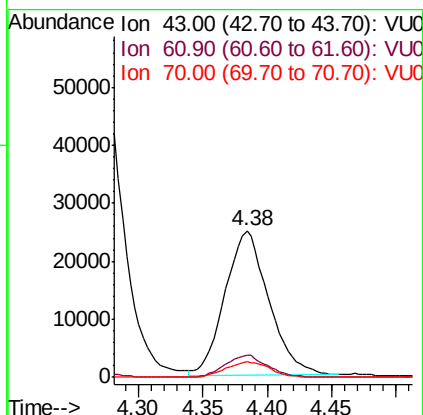
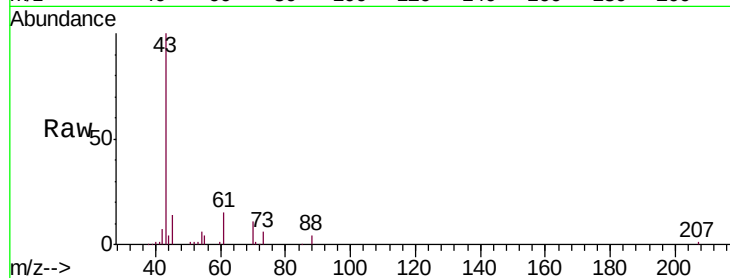




#37
Ethyl Acetate
Concen: 19.232 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

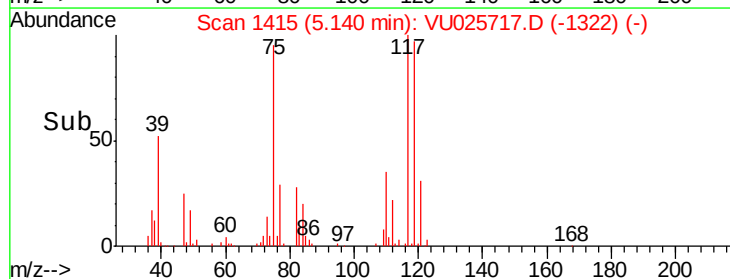
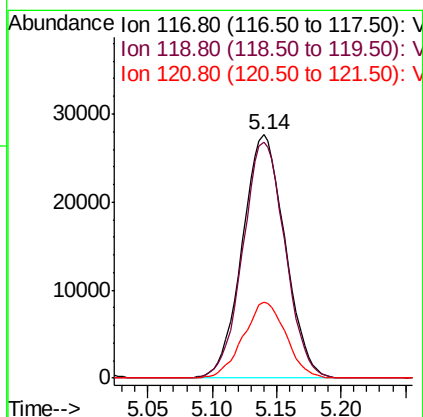
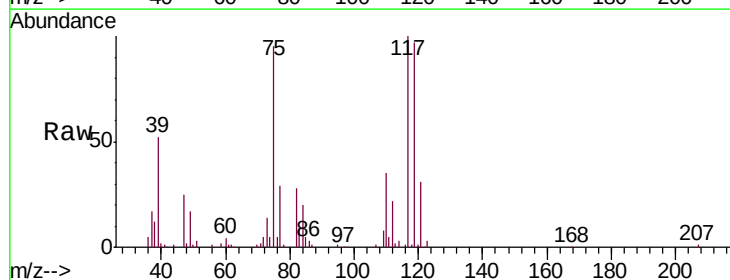
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

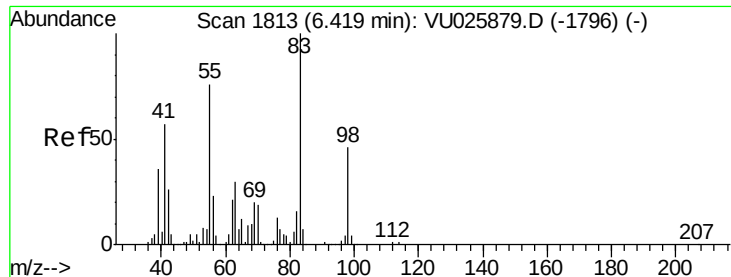
Tgt Ion: 43 Resp: 58817
Ion Ratio Lower Upper
43 100
61 15.0 10.7 16.1
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.120 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 117 Resp: 63875
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5
121 31.1 24.6 36.8

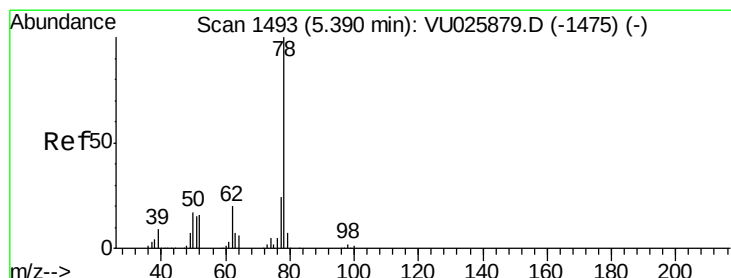
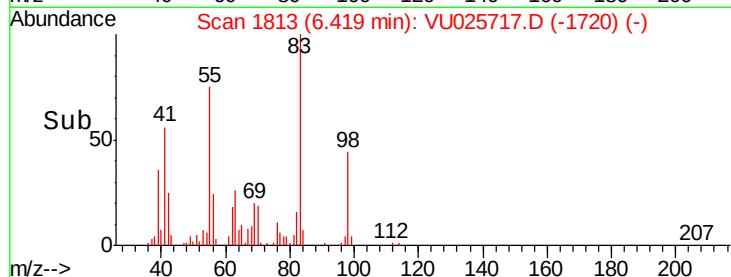
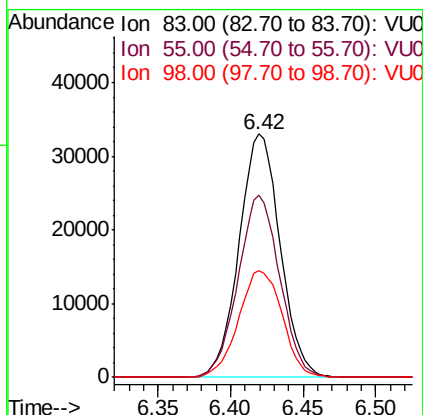
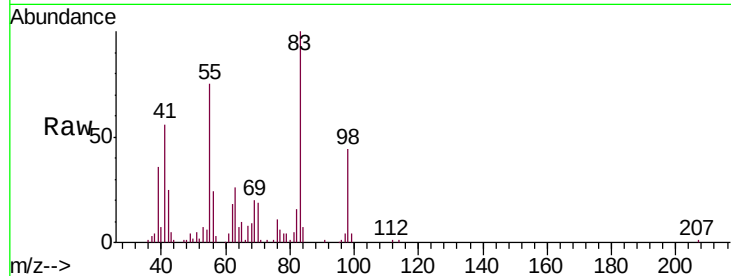




#39
Methylcyclohexane
Concen: 19.259 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

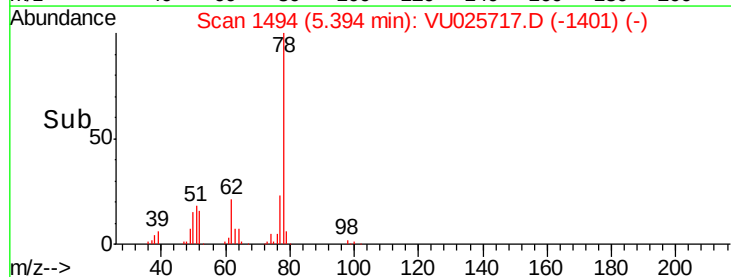
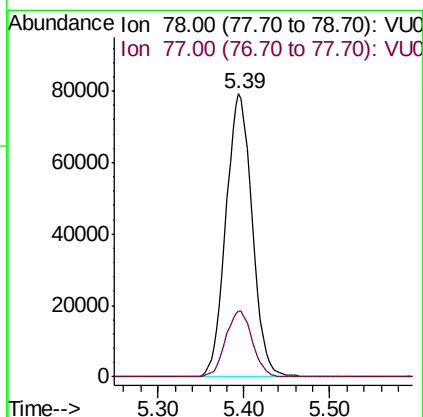
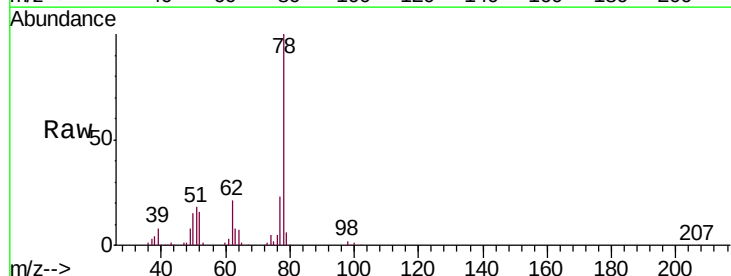
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

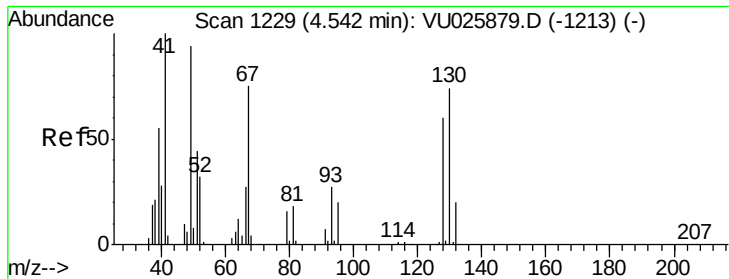
Tgt Ion: 83 Resp: 65085
Ion Ratio Lower Upper
83 100
55 74.8 60.0 90.0
98 44.0 36.1 54.1



#40
Benzene
Concen: 19.483 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 78 Resp: 167971
Ion Ratio Lower Upper
78 100
77 23.3 19.8 29.6

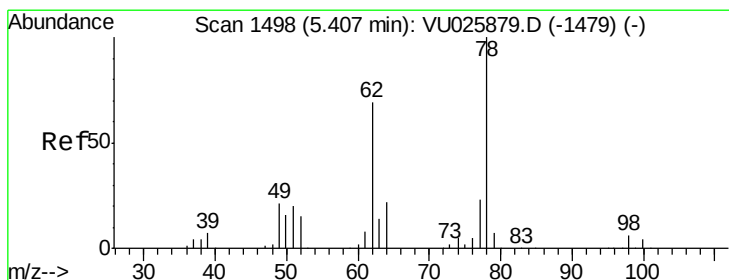
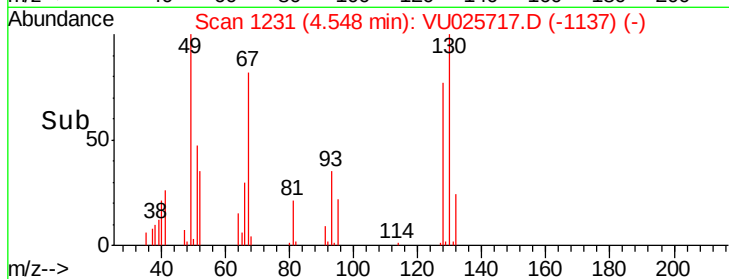
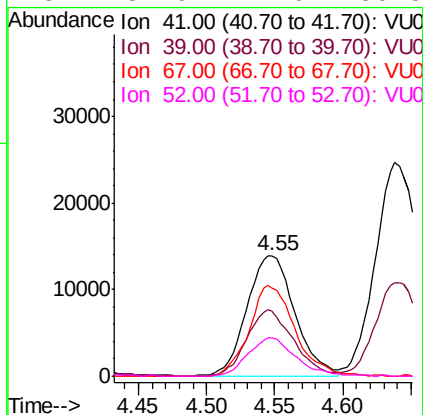
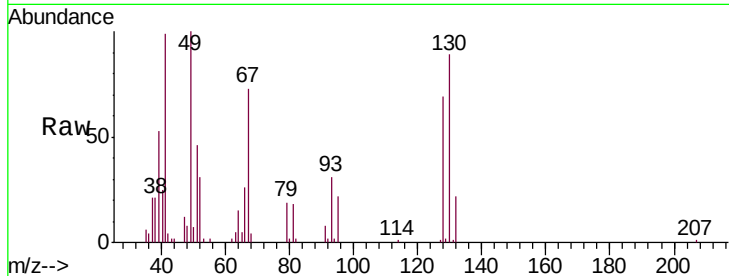




#41
Methacrylonitrile
Concen: 20.055 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

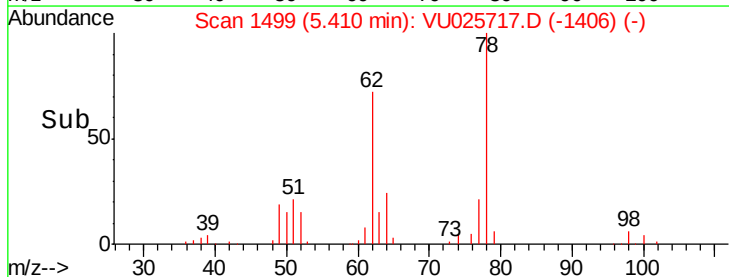
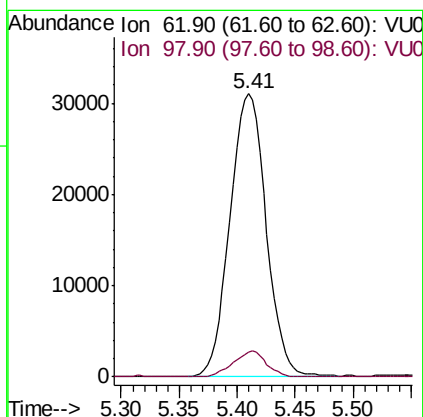
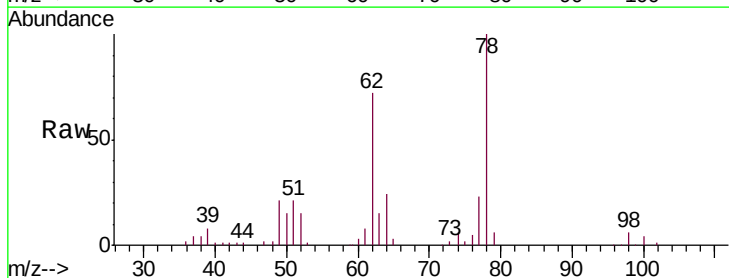
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

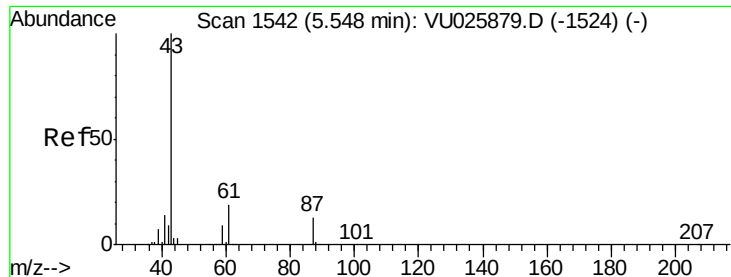
Tgt Ion:	41	Resp:	34068
Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.4	66.6
67	71.7	56.0	84.0
52	31.9	24.6	36.8



#42
1,2-Dichloroethane
Concen: 20.292 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion:	62	Resp:	67364
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 19.898 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

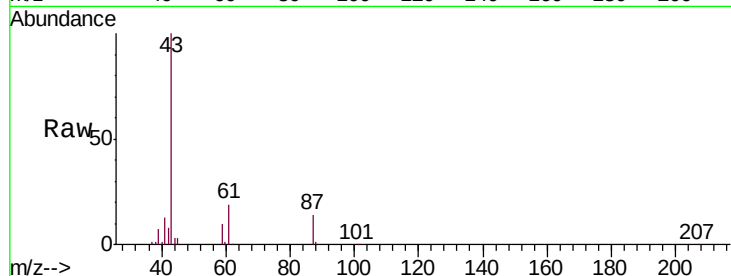
Tgt Ion: 43 Resp: 100563

Ion Ratio Lower Upper

43 100

61 19.2 15.5 23.3

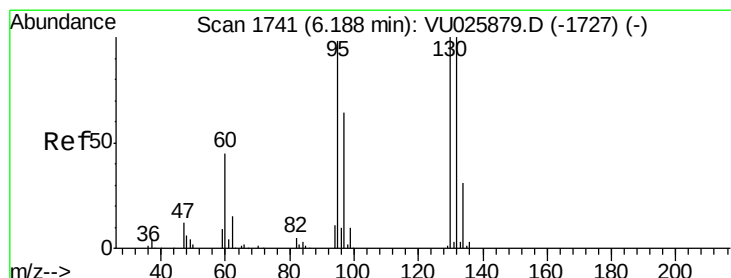
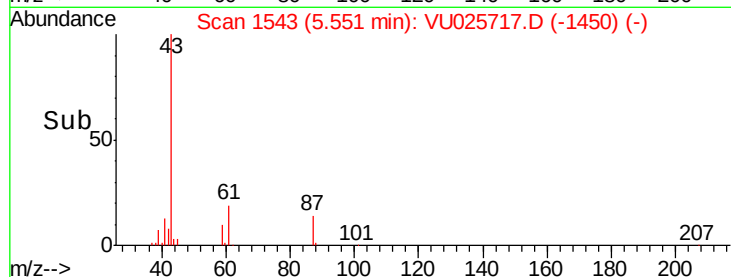
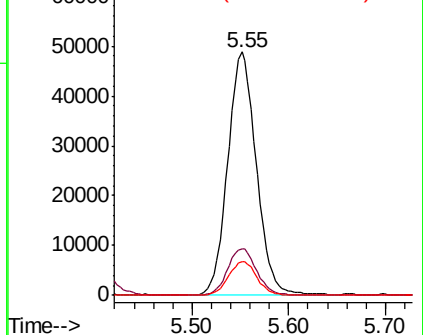
87 13.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025717.D (-1524) (-)

Ion 61.00 (60.70 to 61.70): VU025717.D (-1524) (-)

Ion 87.00 (86.70 to 87.70): VU025717.D (-1524) (-)



#44

Trichloroethene

Concen: 19.640 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025717.D

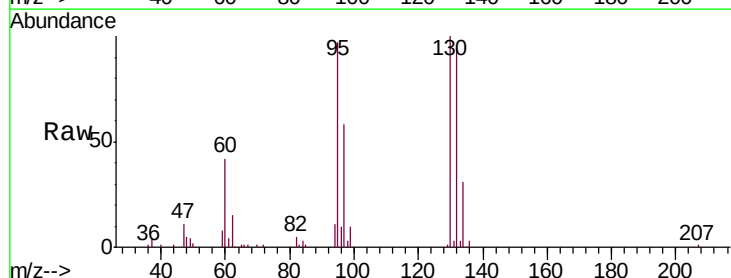
Acq: 30 Jul 2018 12:20

Tgt Ion: 130 Resp: 47157

Ion Ratio Lower Upper

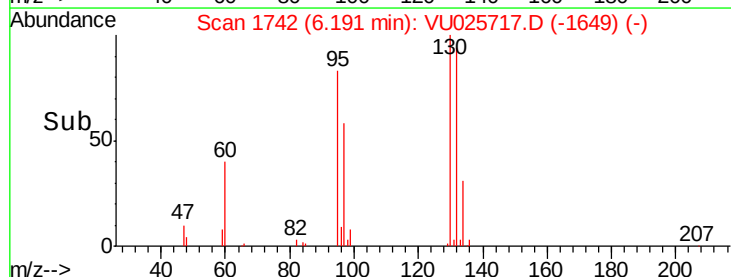
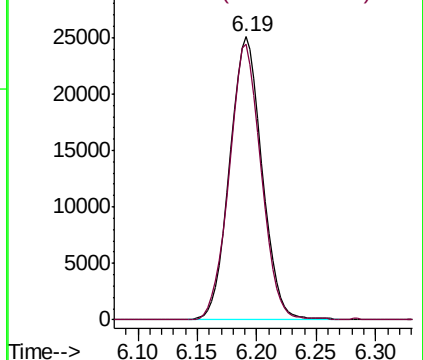
130 100

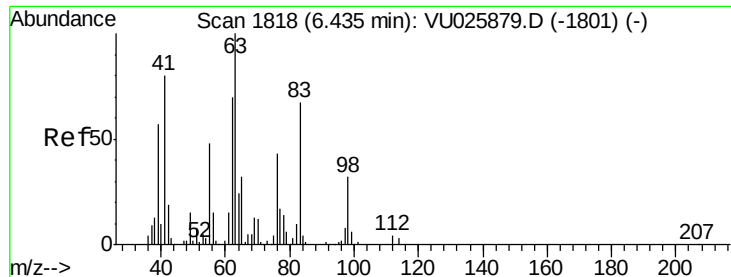
95 97.3 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025717.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU025717.D (-1649) (-)





#45

1,2-Dichloropropane

Concen: 19.363 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

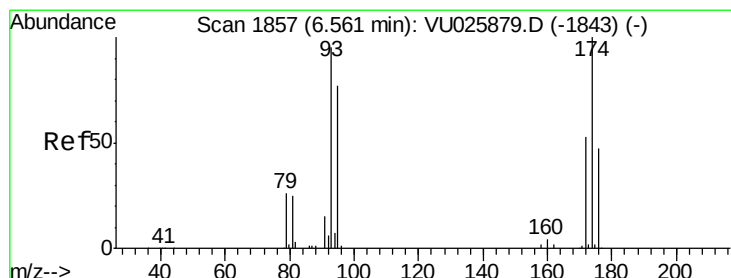
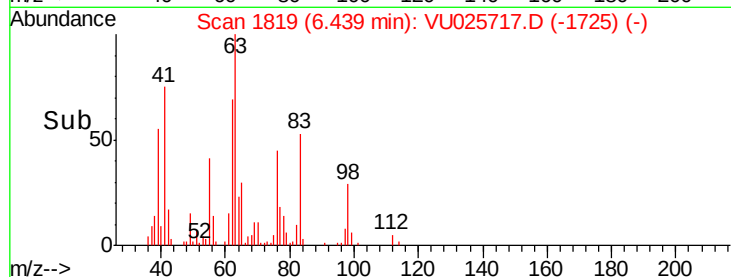
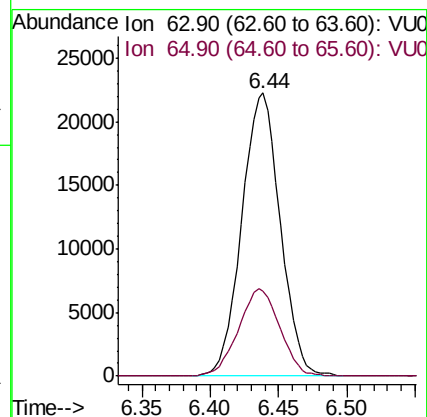
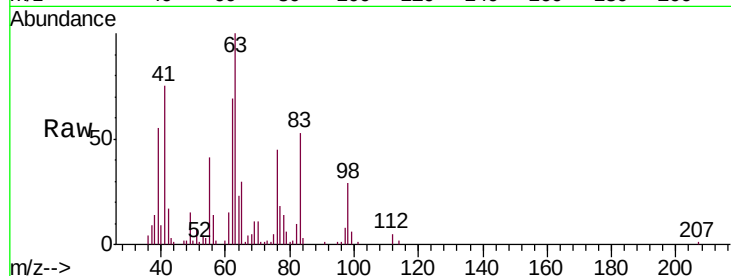
VU0730WBSD01

Tgt Ion: 63 Resp: 43539

Ion Ratio Lower Upper

63 100

65 30.2 26.1 39.1



#46

Dibromomethane

Concen: 20.248 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

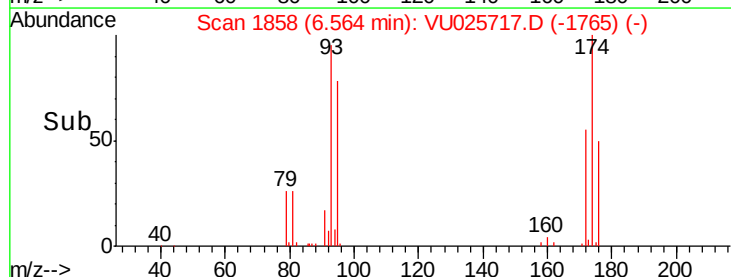
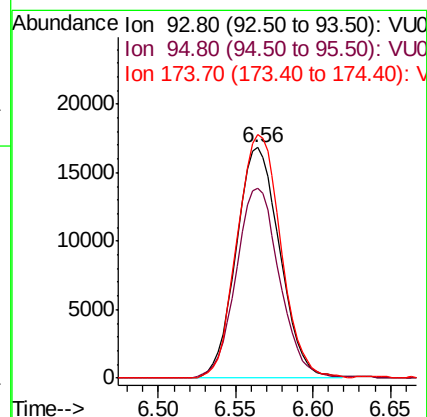
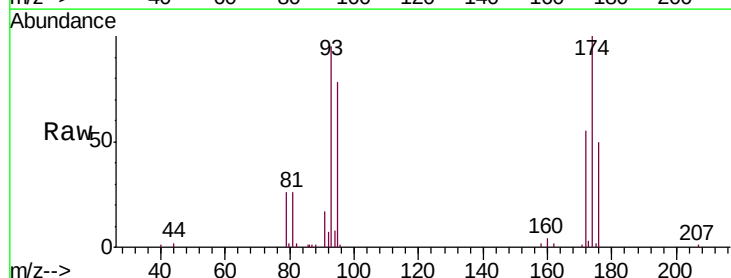
Tgt Ion: 93 Resp: 32990

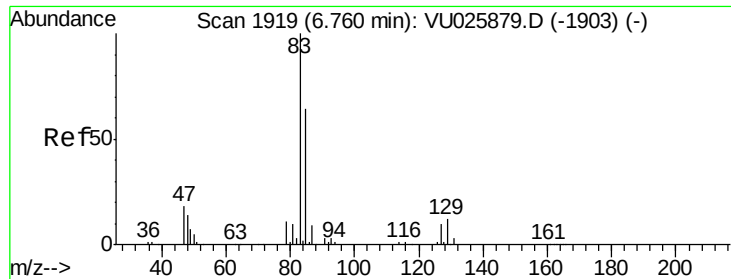
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 105.7 85.8 128.8





#47

Bromodichloromethane

Concen: 19.876 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

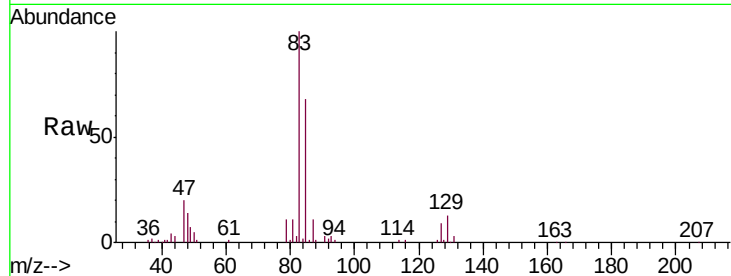
Tgt Ion: 83 Resp: 61772

Ion Ratio Lower Upper

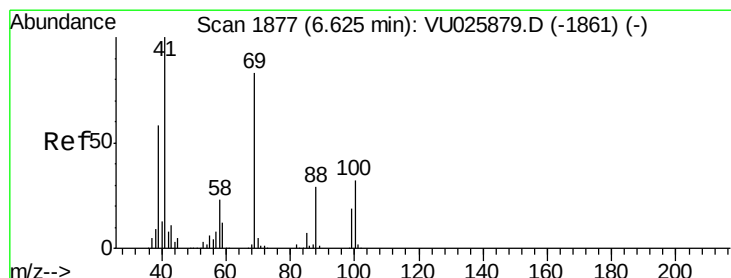
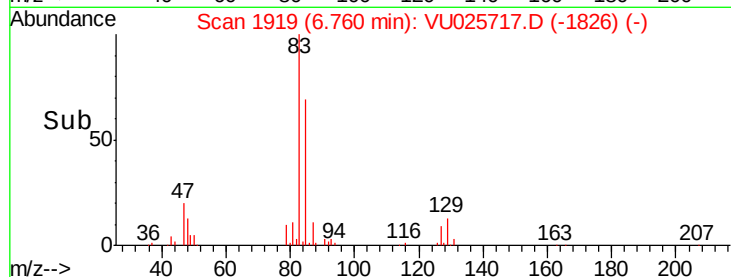
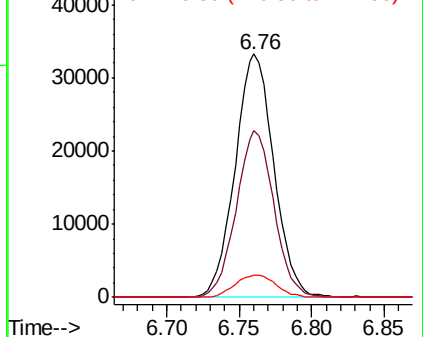
83 100

85 68.4 50.2 75.4

127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.703 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

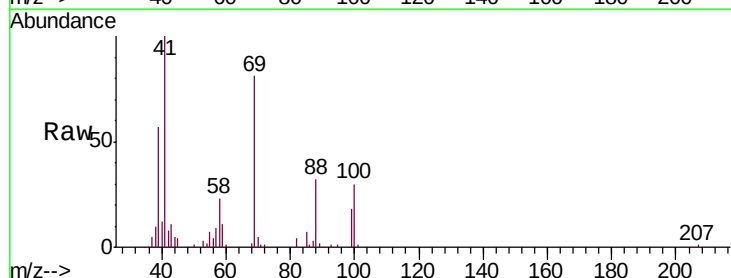
Tgt Ion: 41 Resp: 51281

Ion Ratio Lower Upper

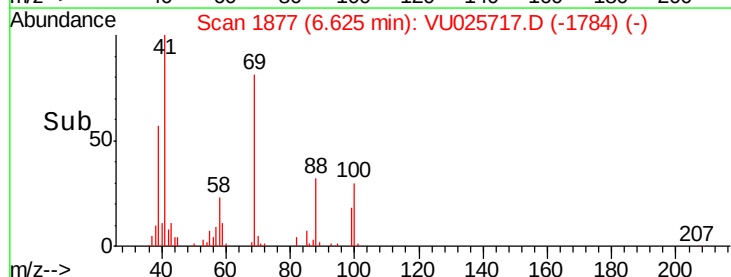
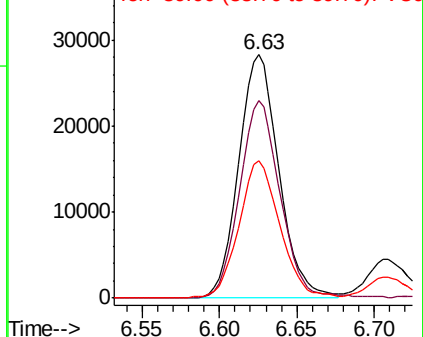
41 100

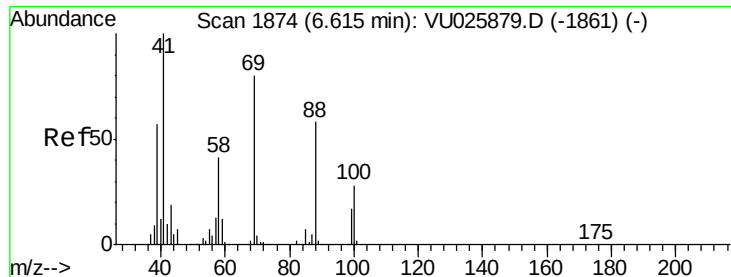
69 81.7 65.0 97.4

39 57.5 46.4 69.6



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

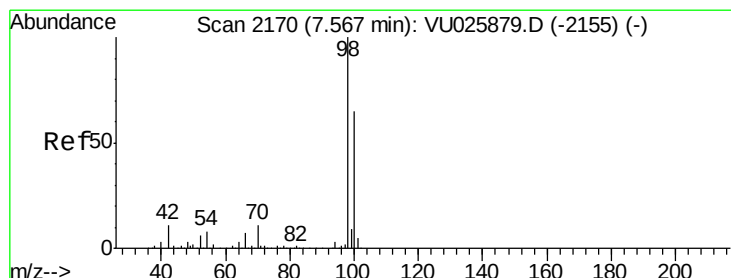
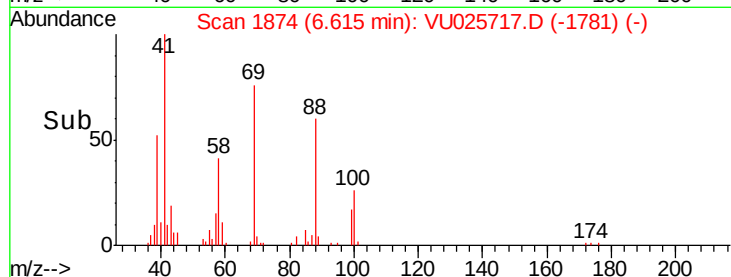
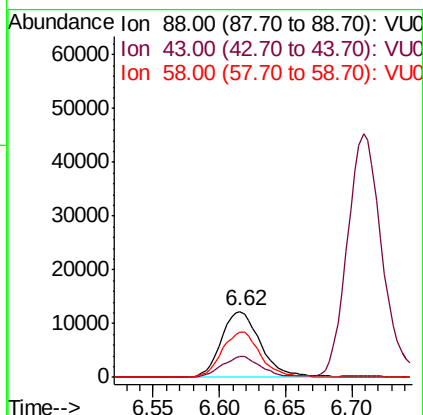
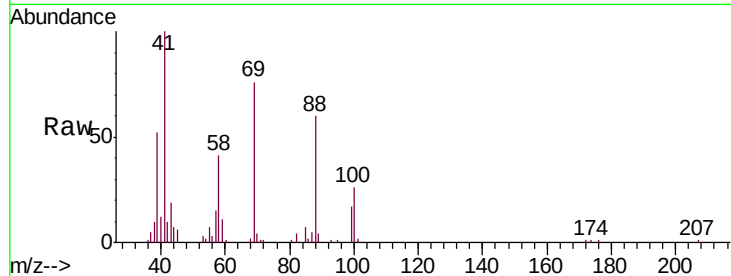




#49
 1,4-Dioxane
 Concen: 419.582 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

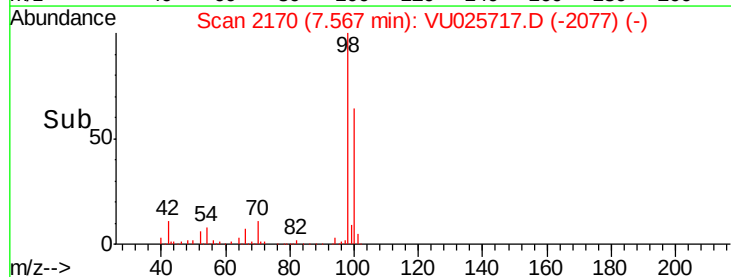
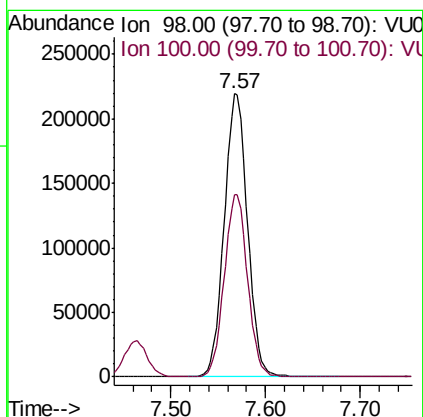
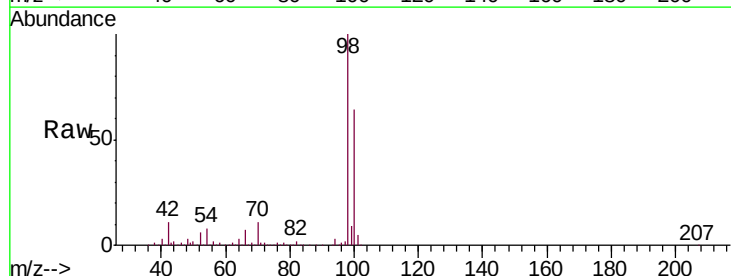
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

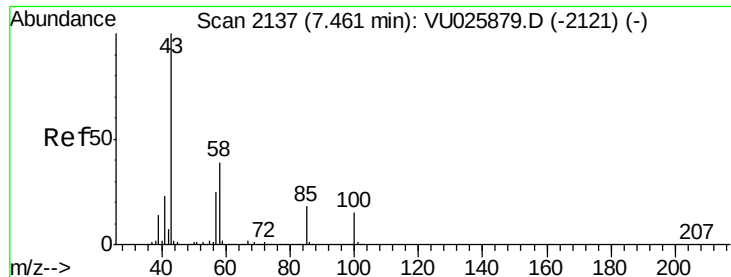
Tgt Ion: 88 Resp: 25291
 Ion Ratio Lower Upper
 88 100
 43 31.4 27.3 40.9
 58 67.4 57.6 86.4



#50
 Toluene-d8
 Concen: 48.969 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion: 98 Resp: 376158
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 98.711 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

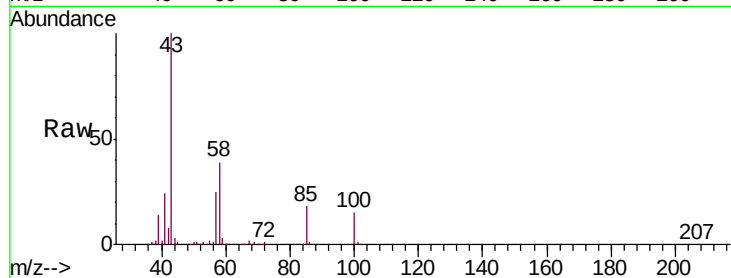
VU0730WBSD01

Tgt Ion: 43 Resp: 312326

Ion Ratio Lower Upper

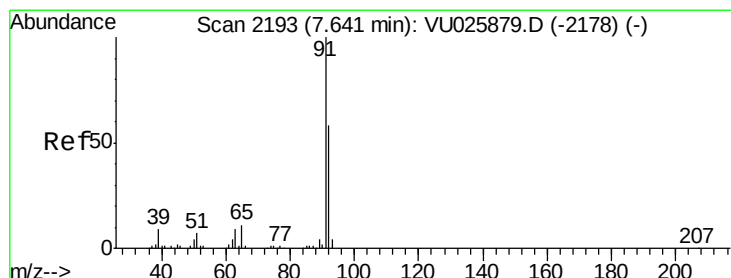
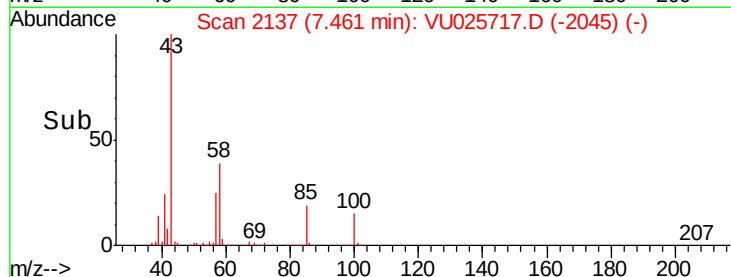
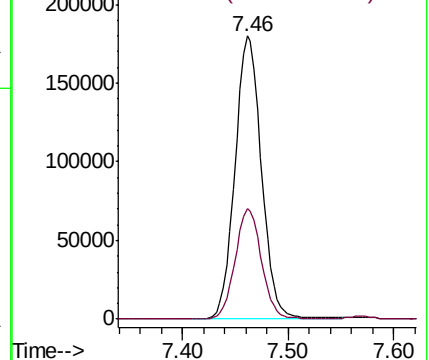
43 100

58 38.7 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 19.980 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025717.D

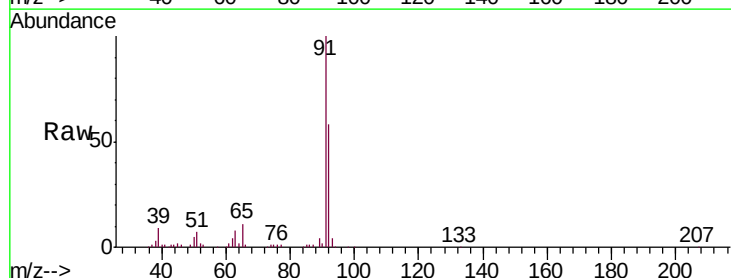
Acq: 30 Jul 2018 12:20

Tgt Ion: 92 Resp: 107020

Ion Ratio Lower Upper

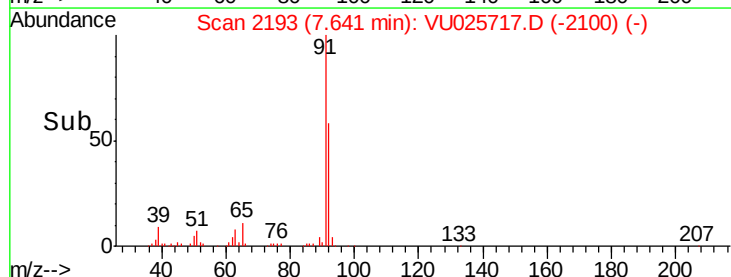
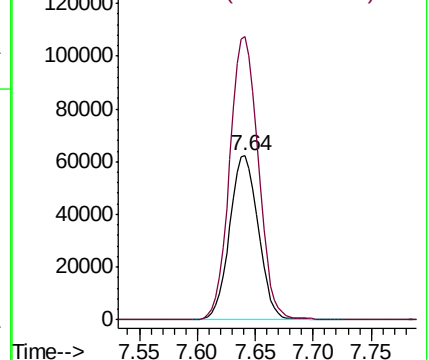
92 100

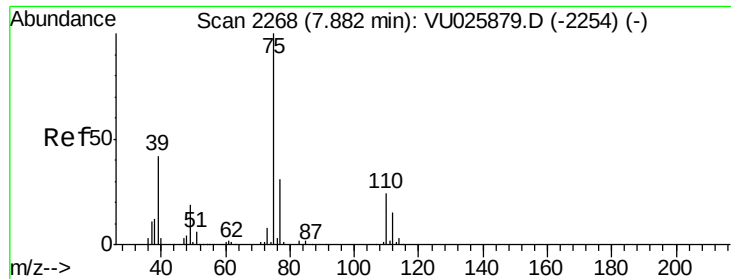
91 172.4 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 20.509 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

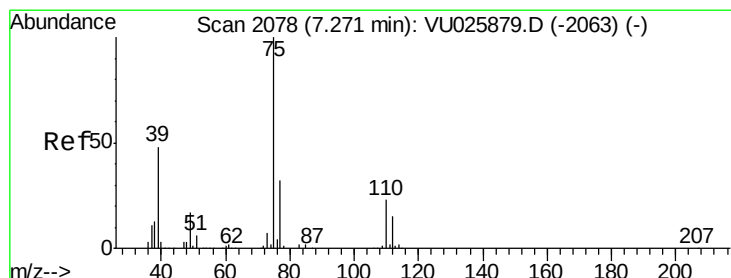
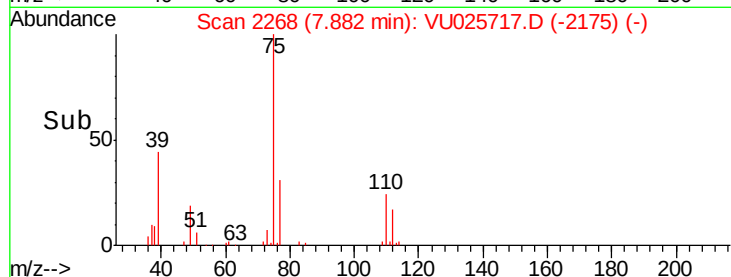
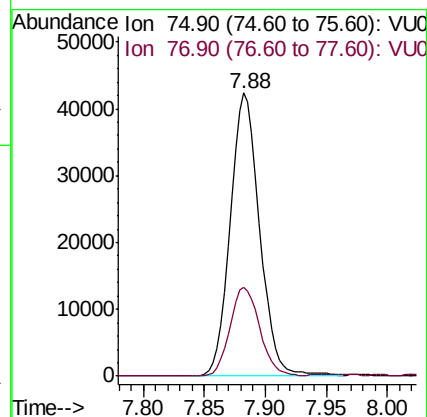
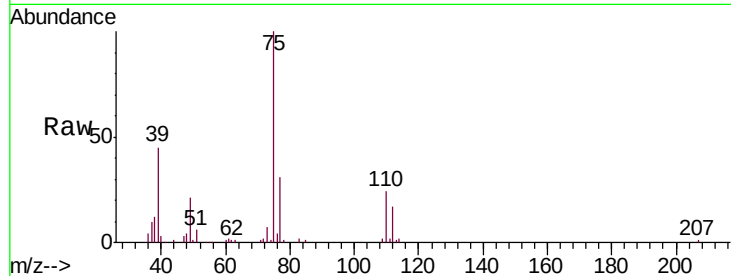
VU0730WBSD01

Tgt Ion: 75 Resp: 71565

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.735 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

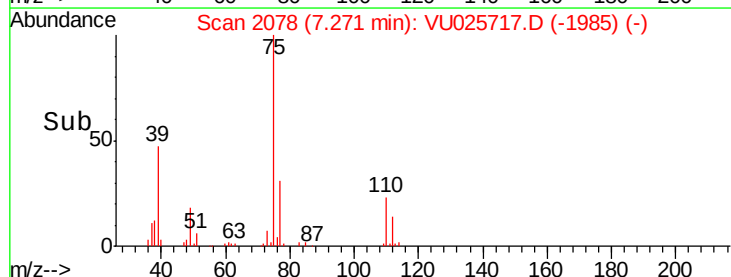
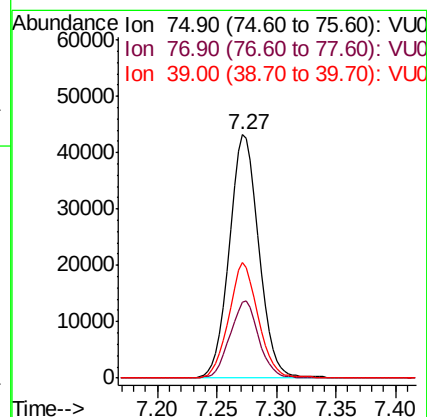
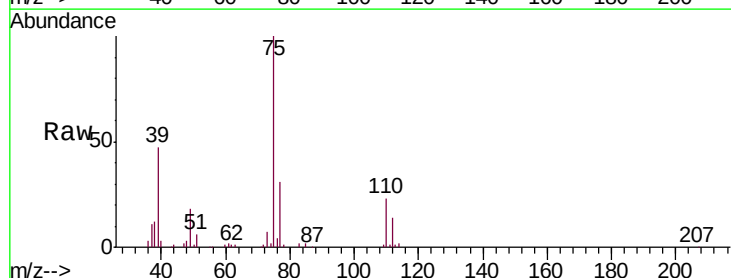
Tgt Ion: 75 Resp: 74324

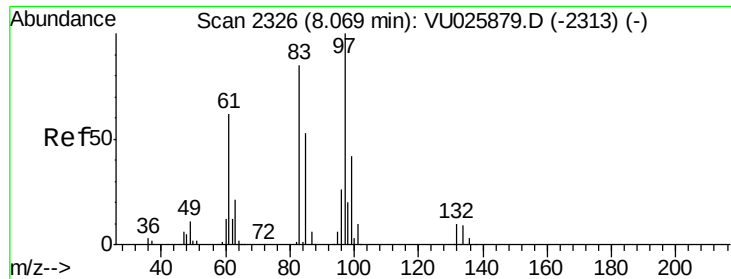
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 47.5 40.0 60.0

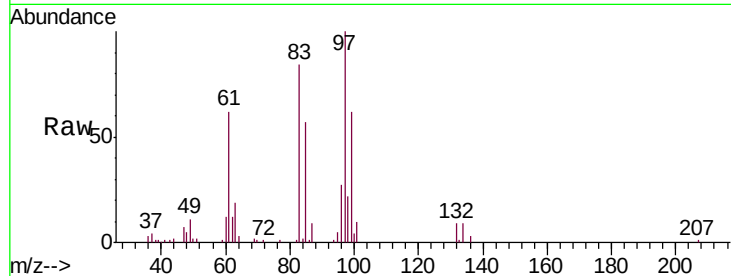




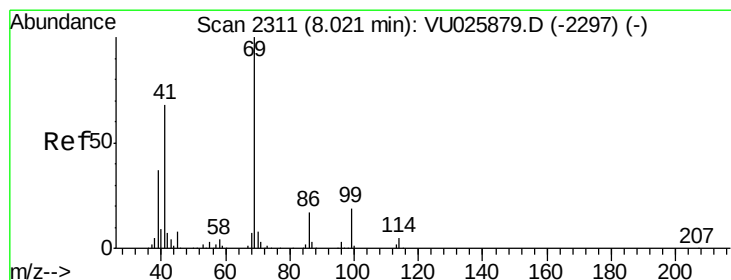
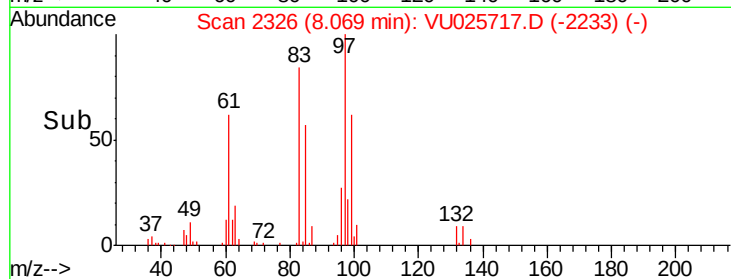
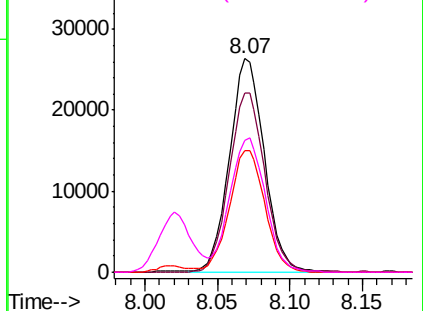
#55
 1,1,2-Trichloroethane
 Concen: 19.765 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Tgt Ion:	97	Resp:	43996
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.9	103.3
85	57.2	44.4	66.6
99	61.8	51.0	76.4

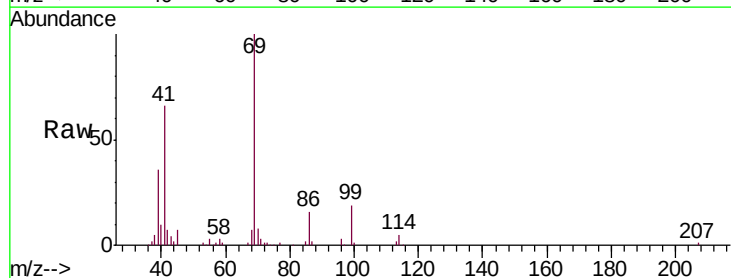


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

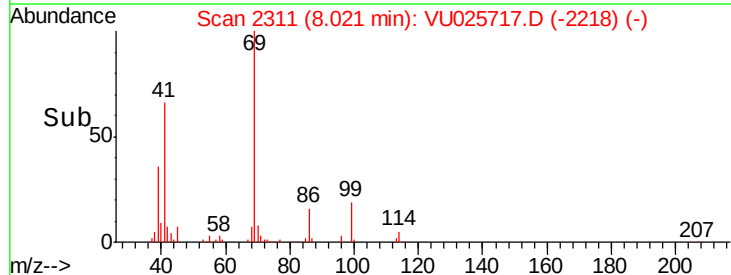
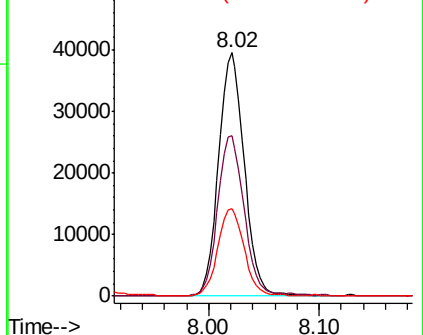


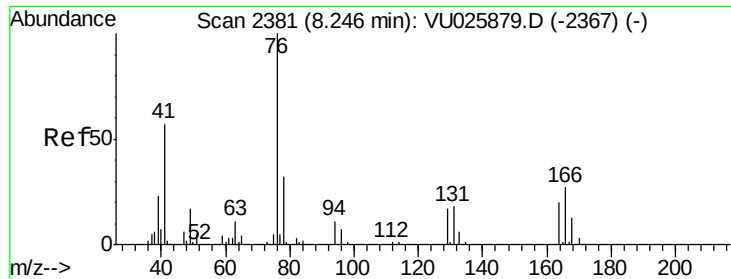
#56
 Ethyl methacrylate
 Concen: 20.111 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion:	69	Resp:	63959
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.8	82.2
39	35.8	31.1	46.7



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

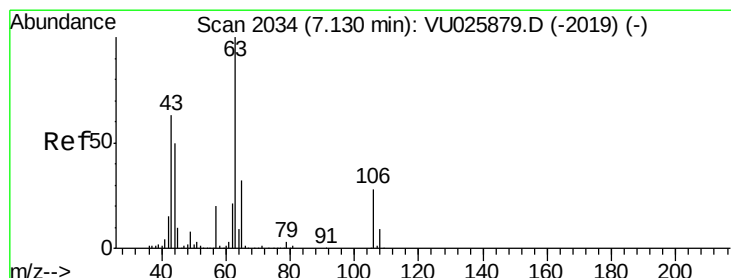
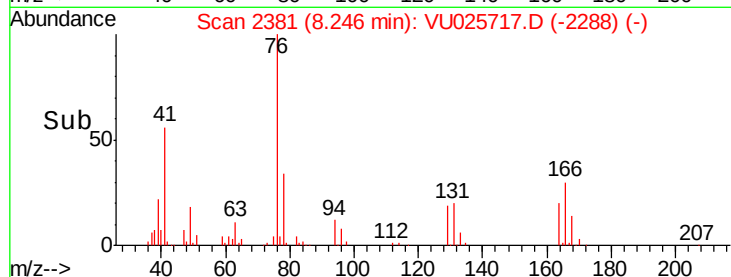
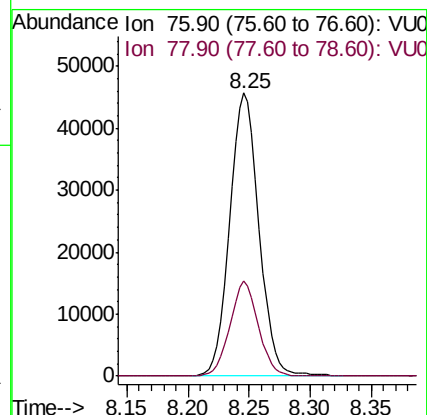
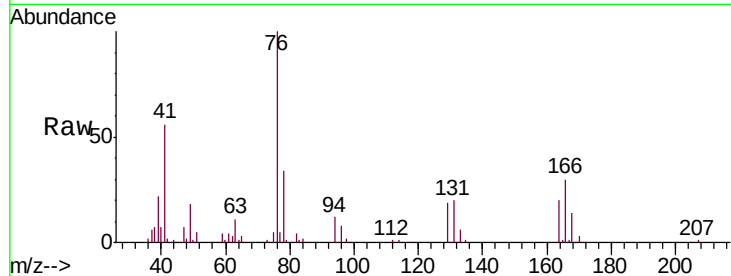




#57
 1,3-Dichloropropane
 Concen: 20.488 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

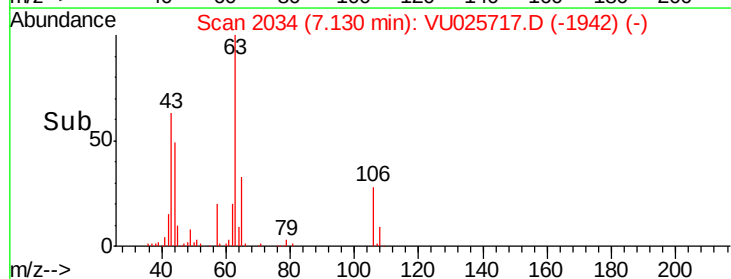
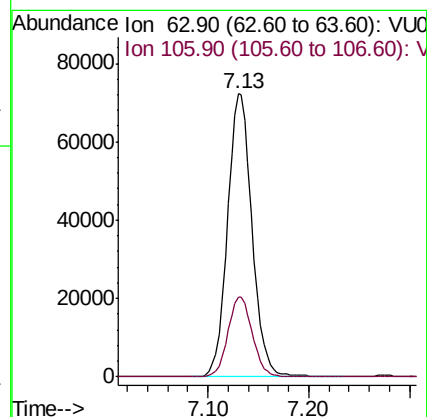
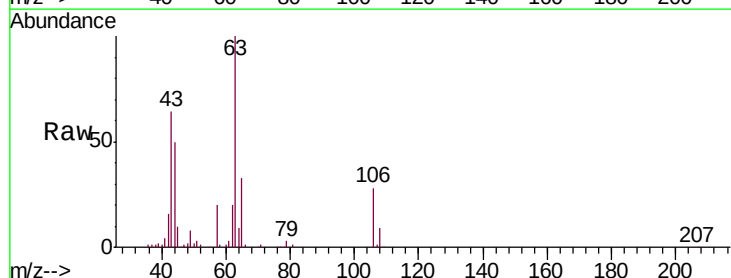
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

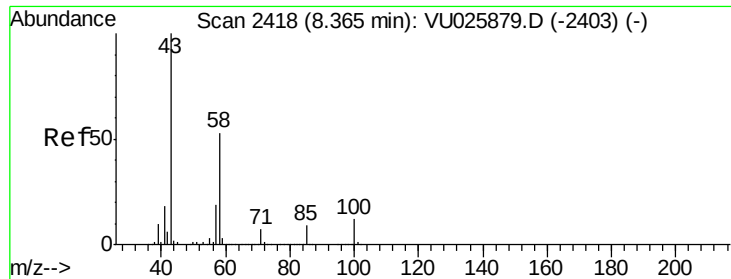
Tgt Ion: 76 Resp: 76695
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.774 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion: 63 Resp: 122570
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.3 33.5

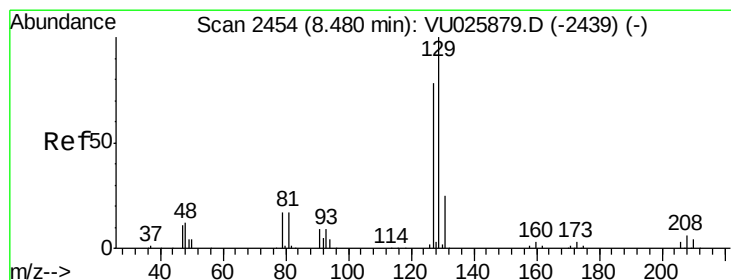
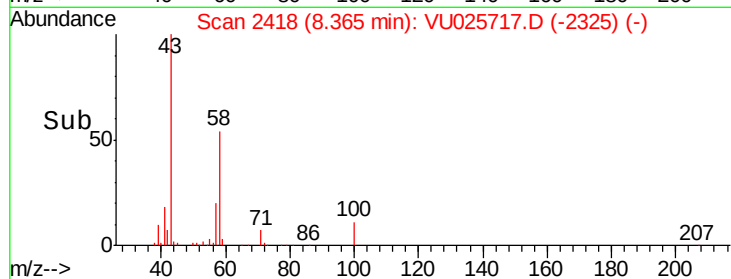
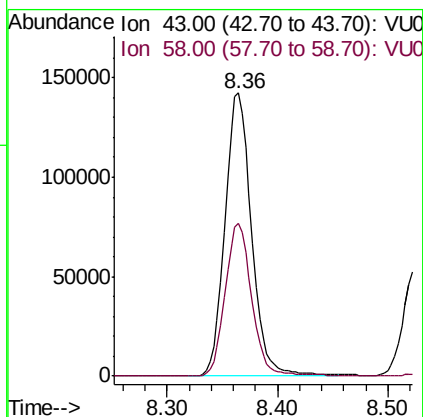
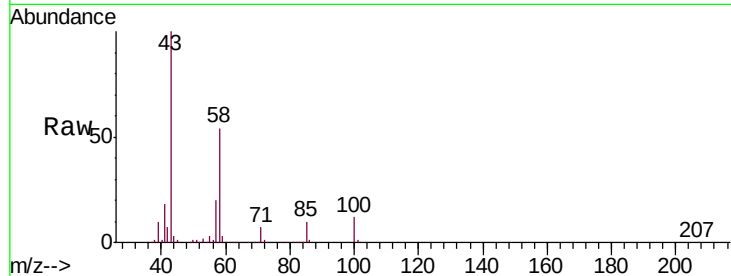




#59
2-Hexanone
Concen: 96.159 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

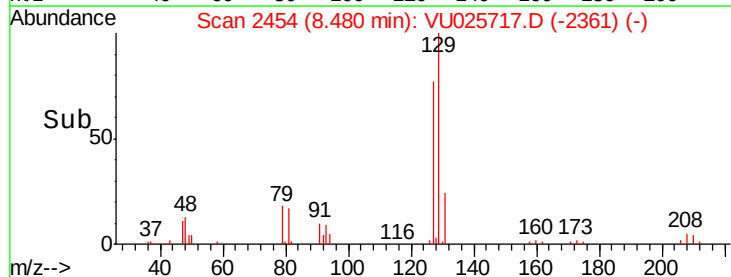
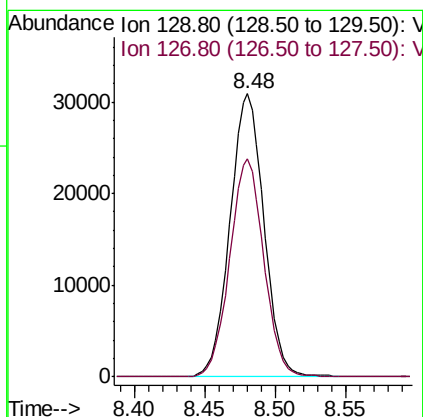
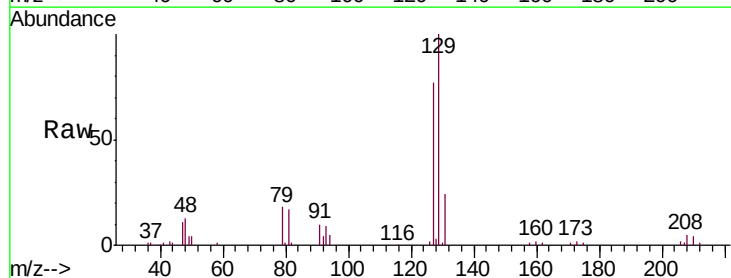
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

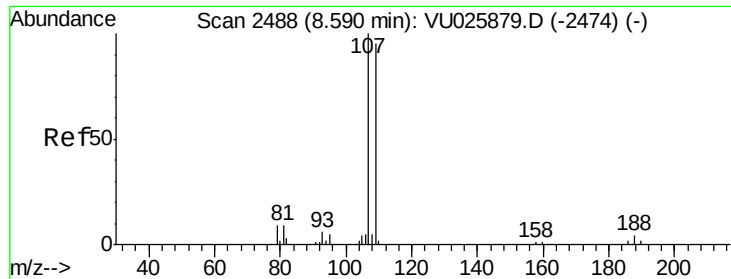
Tgt Ion: 43 Resp: 238496
Ion Ratio Lower Upper
43 100
58 53.9 26.2 78.5



#60
Dibromochloromethane
Concen: 19.781 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 129 Resp: 51925
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.950 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

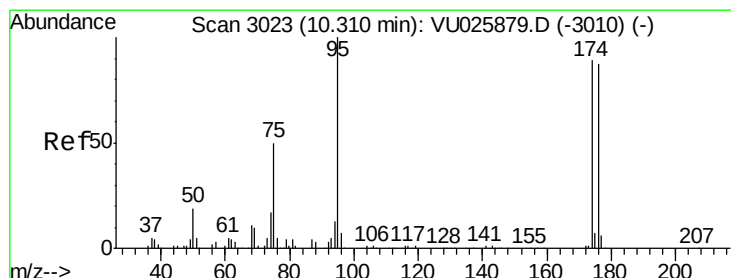
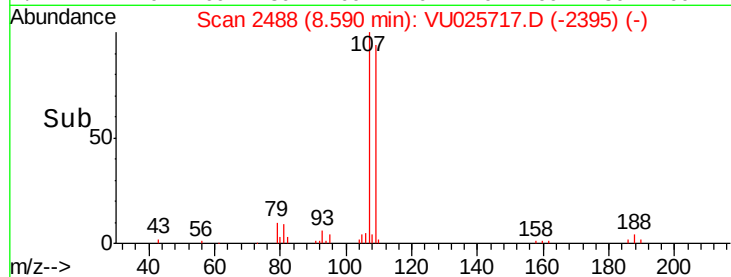
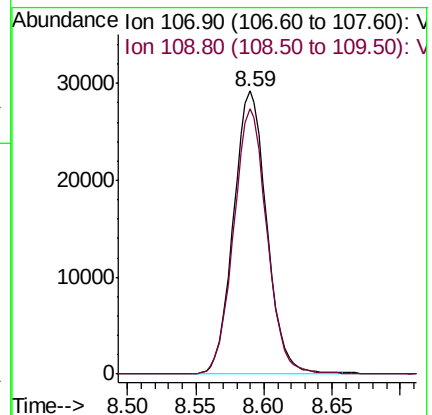
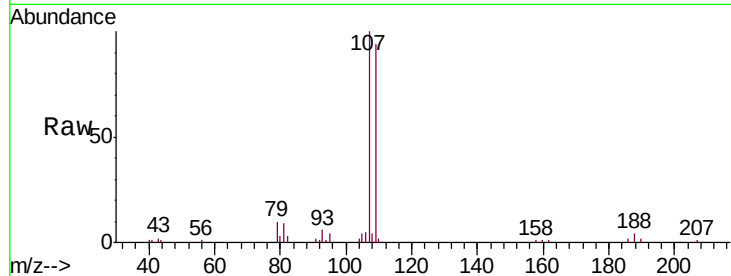
VU0730WBSD01

Tgt Ion: 107 Resp: 49387

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 47.650 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

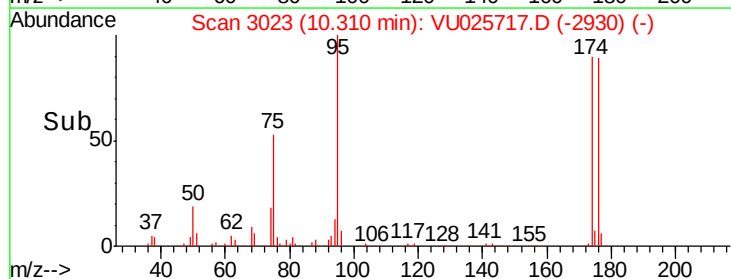
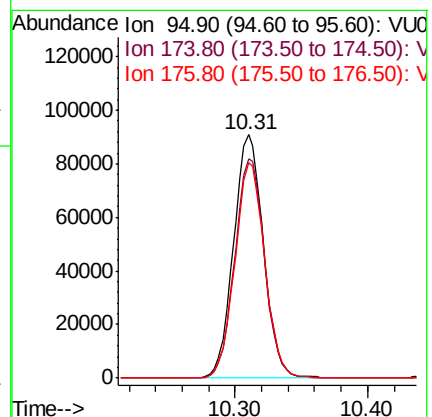
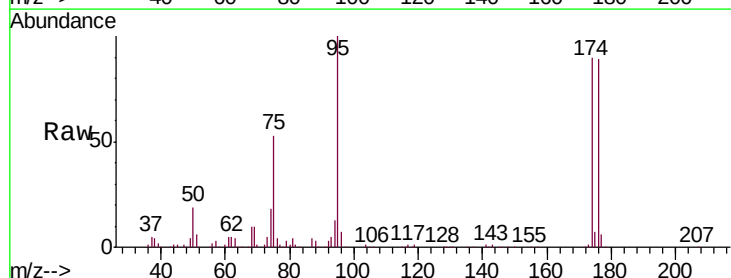
Tgt Ion: 95 Resp: 142068

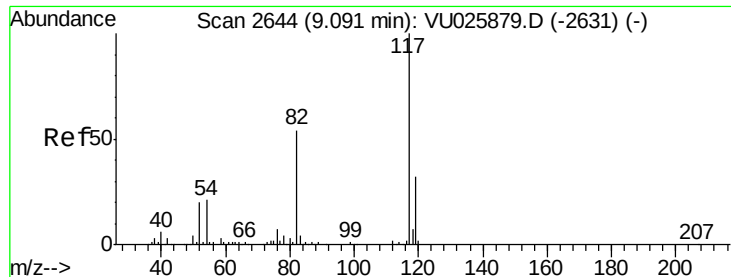
Ion Ratio Lower Upper

95 100

174 90.0 0.0 172.2

176 88.3 0.0 162.6

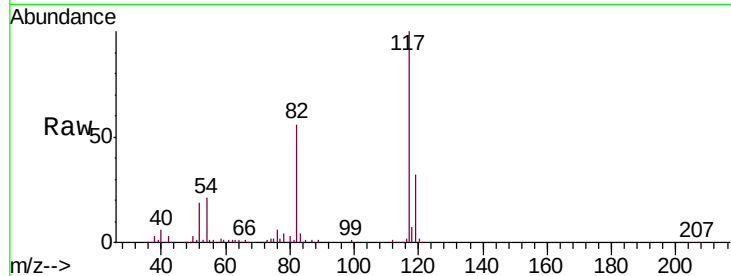




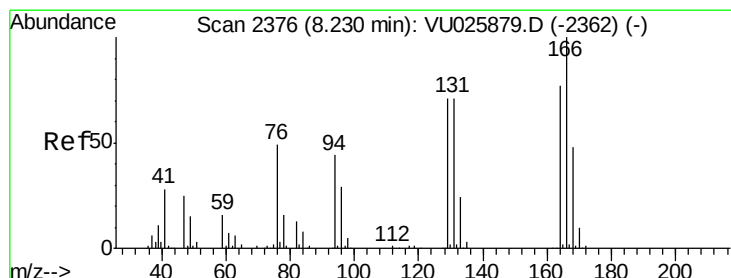
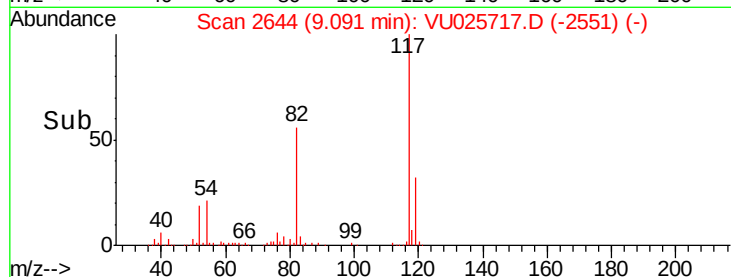
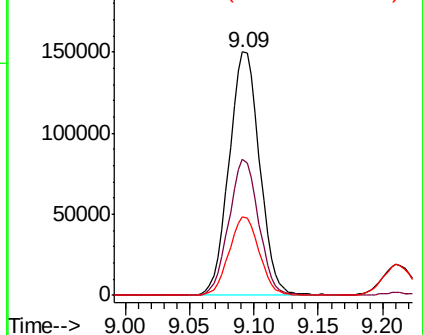
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Tgt Ion:117 Resp: 247378
Ion Ratio Lower Upper
117 100
82 55.7 46.0 69.0
119 32.1 26.0 39.0

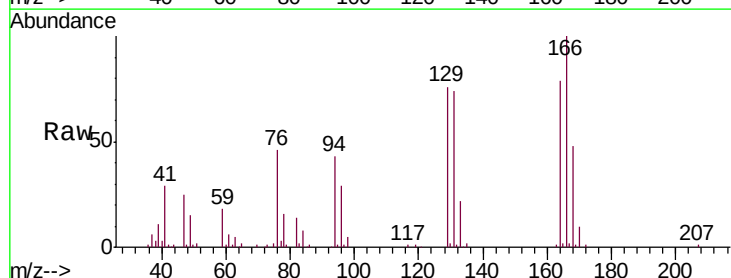


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

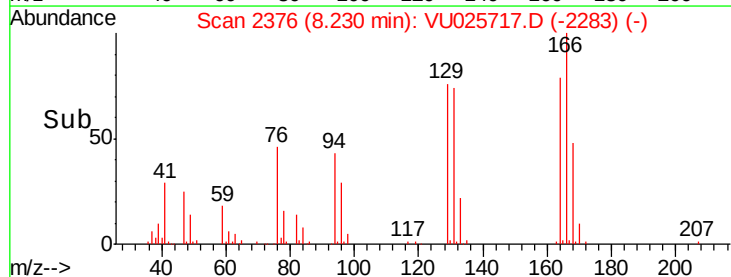
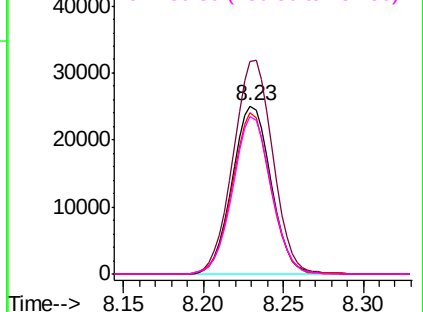


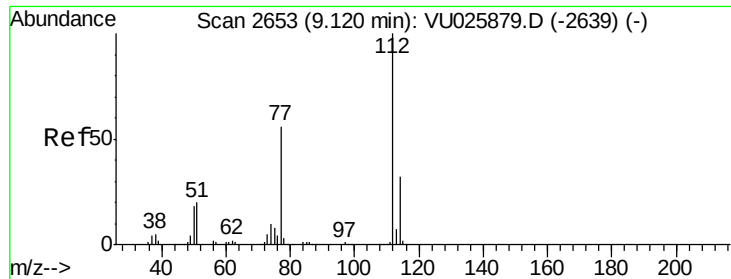
#64
Tetrachloroethene
Concen: 18.985 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion:164 Resp: 41338
Ion Ratio Lower Upper
164 100
166 126.8 101.1 151.7
129 96.2 73.0 109.6
131 93.7 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

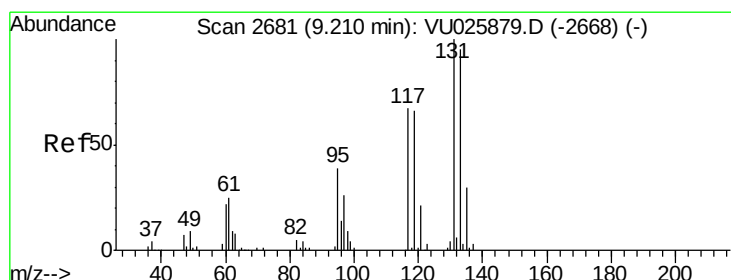
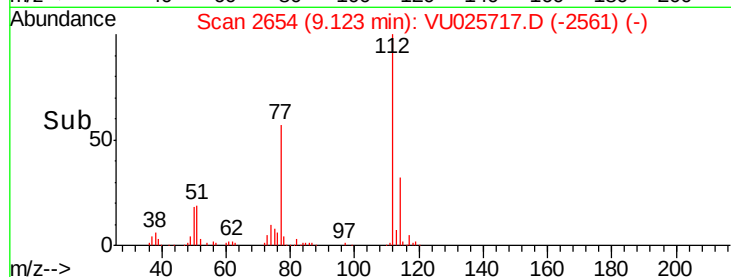
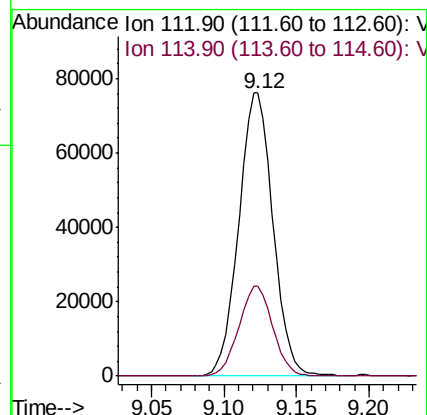
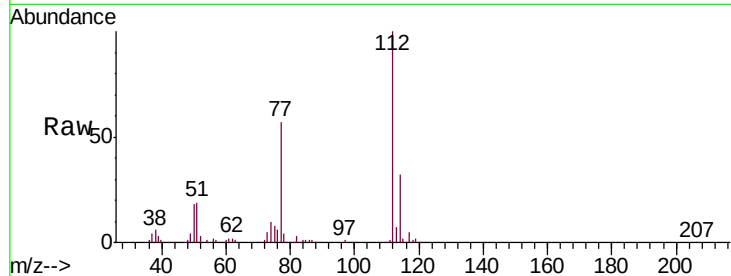




#65
Chlorobenzene
Concen: 19.529 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

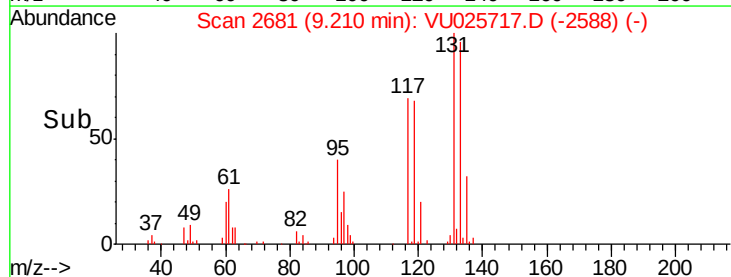
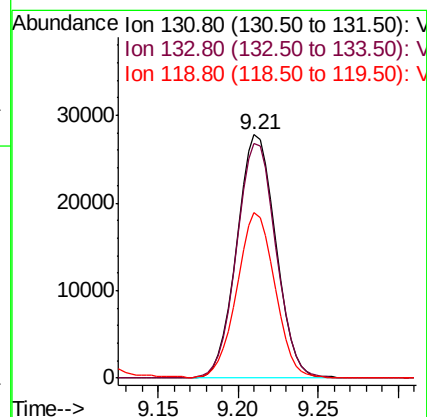
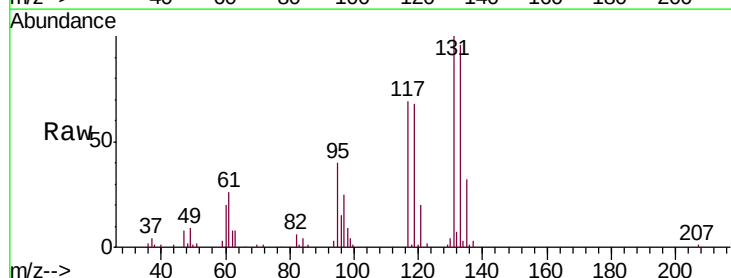
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

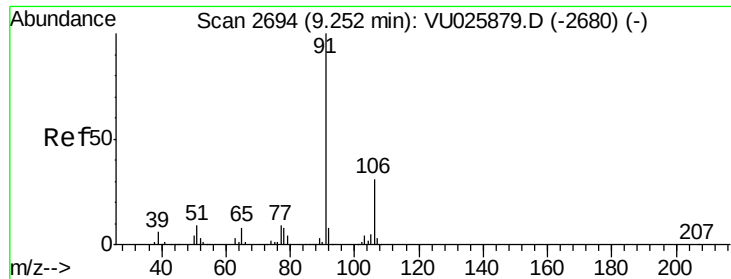
Tgt Ion:112 Resp: 124556
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.943 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion:131 Resp: 46013
Ion Ratio Lower Upper
131 100
133 97.7 47.8 143.3
119 66.6 31.6 95.0

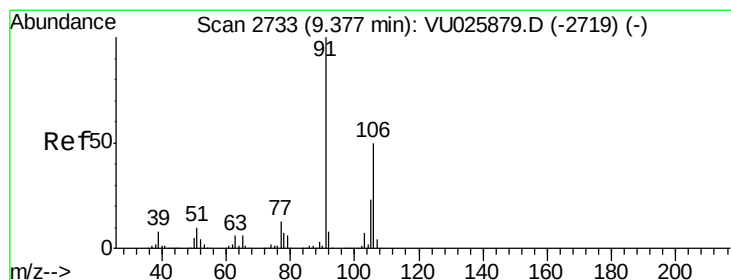
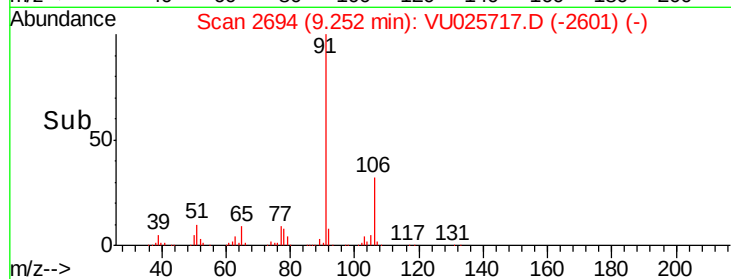
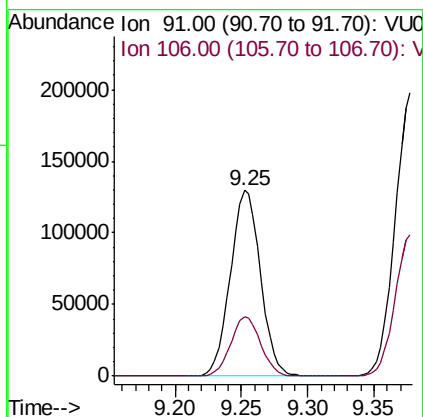
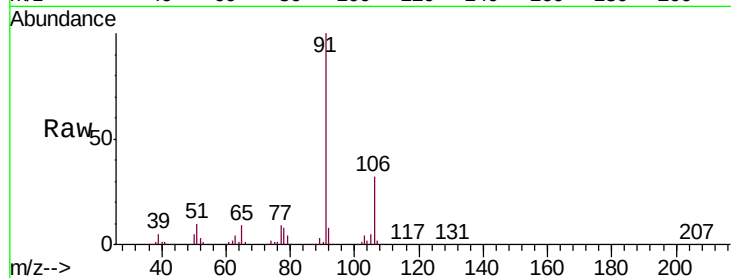




#67
Ethyl Benzene
Concen: 19.403 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

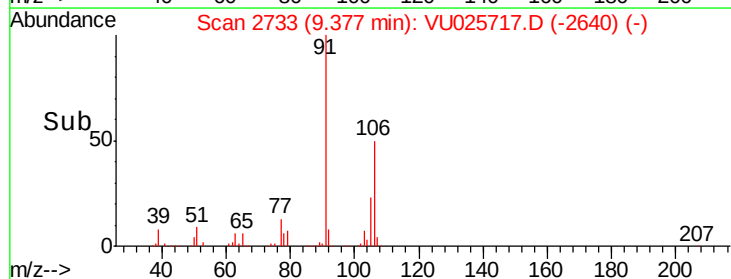
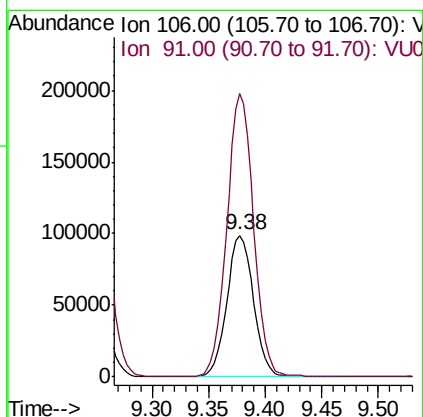
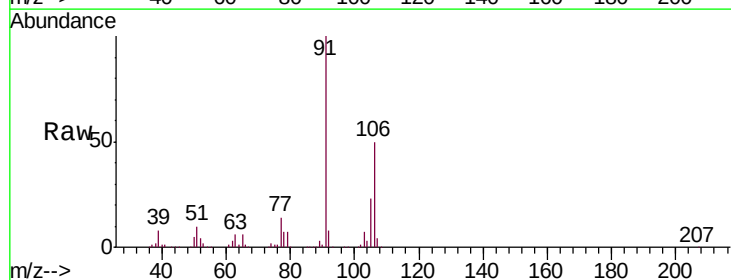
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

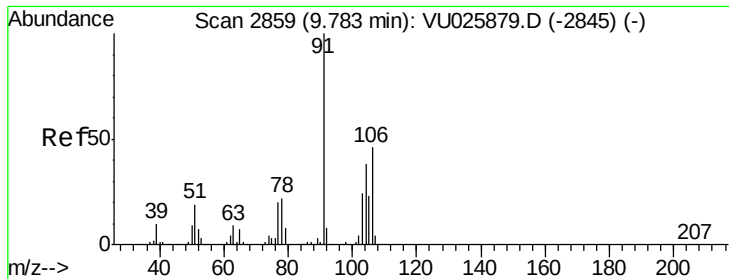
Tgt Ion: 91 Resp: 204984
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 39.945 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 106 Resp: 162016
Ion Ratio Lower Upper
106 100
91 200.3 162.3 243.5

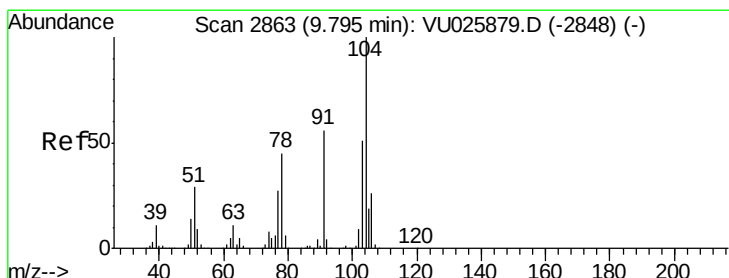
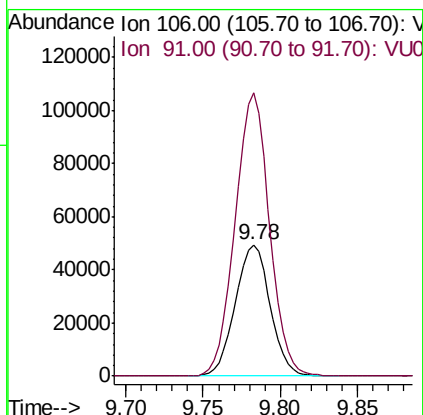
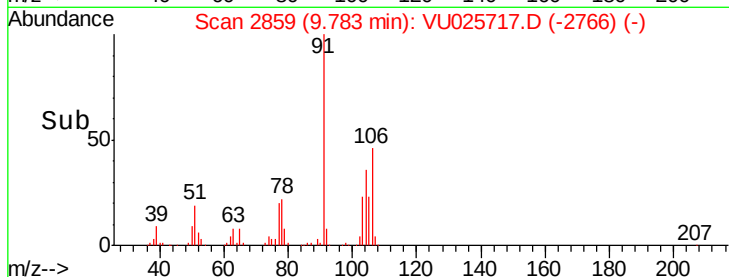
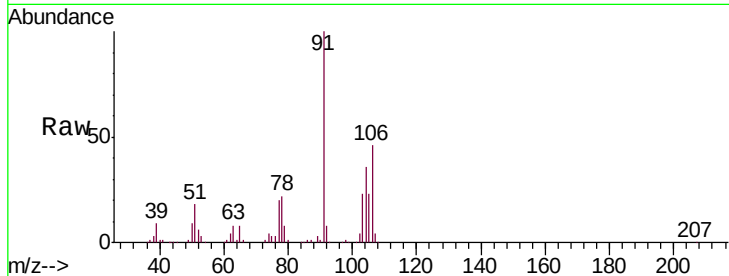




#69
o-Xylene
Concen: 19.473 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

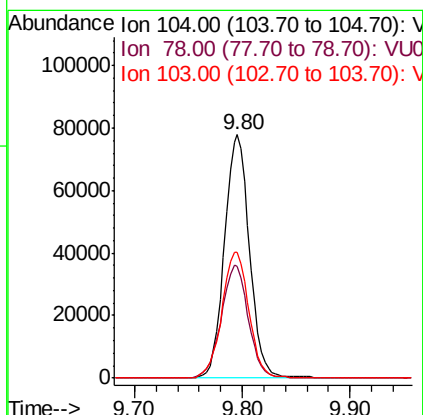
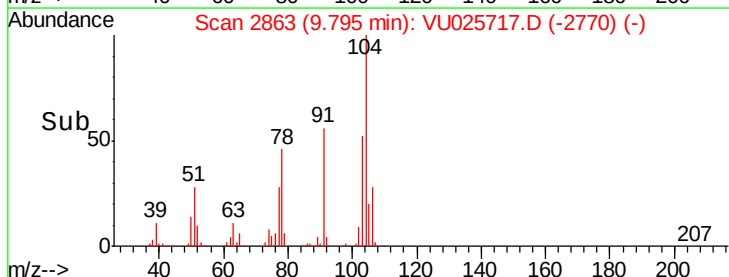
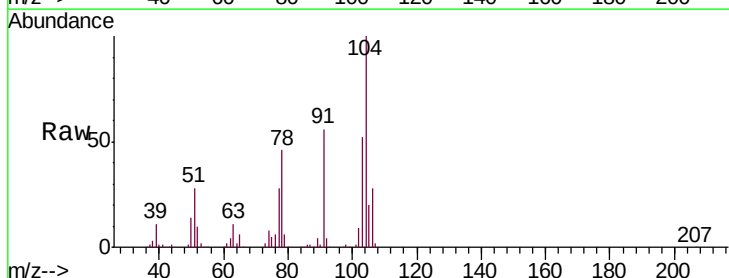
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

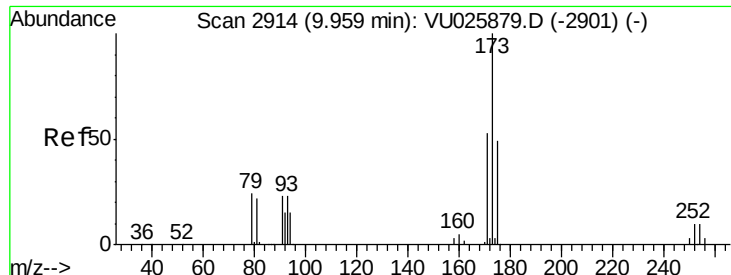
Tgt Ion:106 Resp: 77192
Ion Ratio Lower Upper
106 100
91 213.2 105.3 315.8



#70
Styrene
Concen: 19.638 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion:104 Resp: 125740
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 55.7 44.6 66.8





#71

Bromoform

Concen: 19.989 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

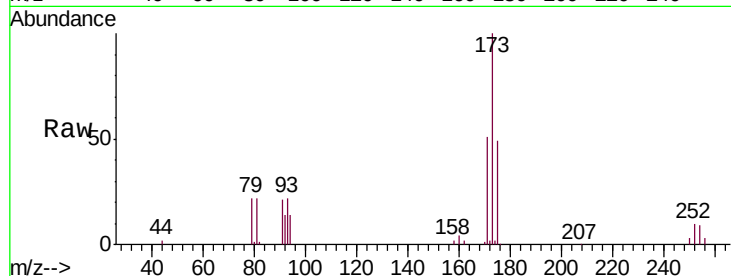
Tgt Ion:173 Resp: 39990

Ion Ratio Lower Upper

173 100

175 49.6 24.0 72.0

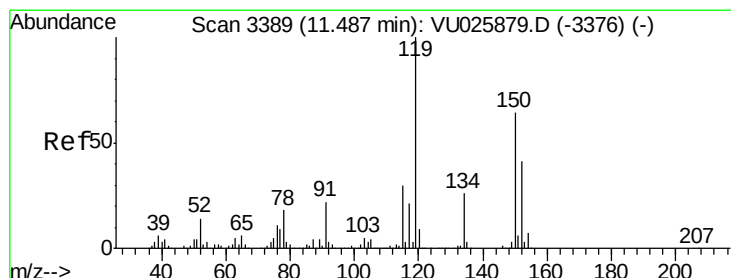
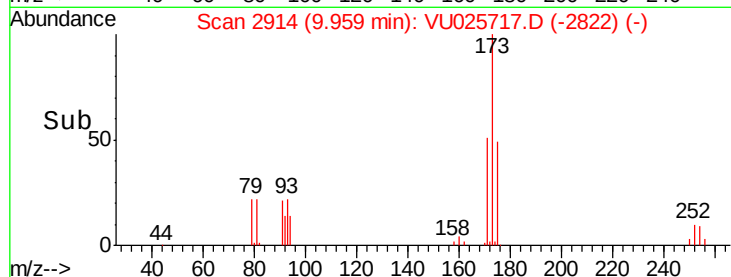
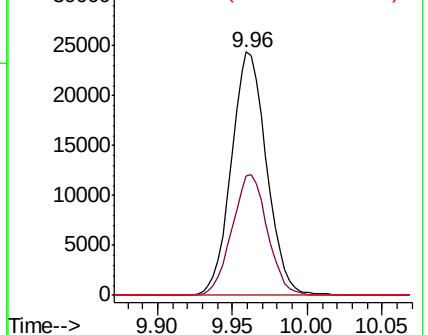
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

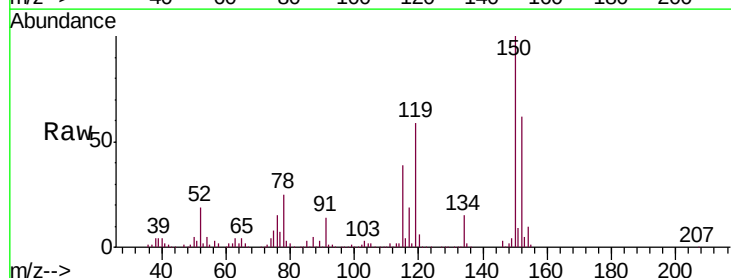
Tgt Ion:152 Resp: 151506

Ion Ratio Lower Upper

152 100

115 66.4 40.1 120.3

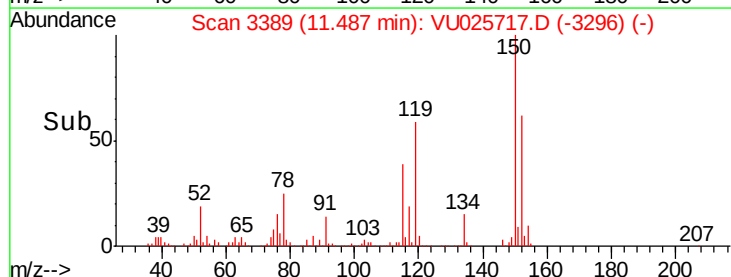
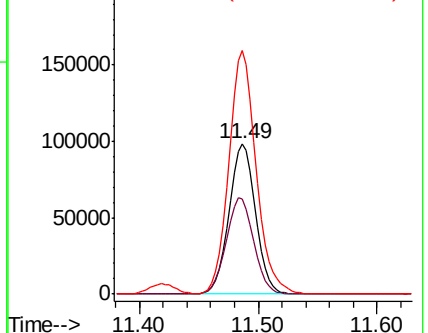
150 166.3 0.0 351.4

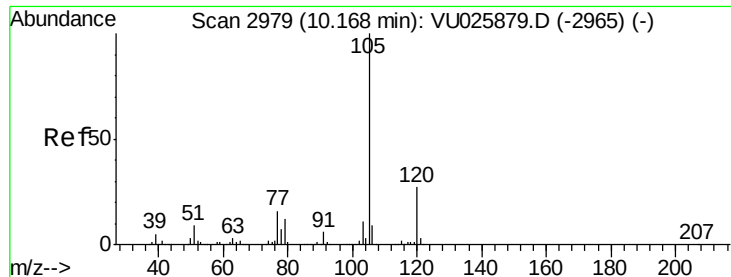


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.240 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

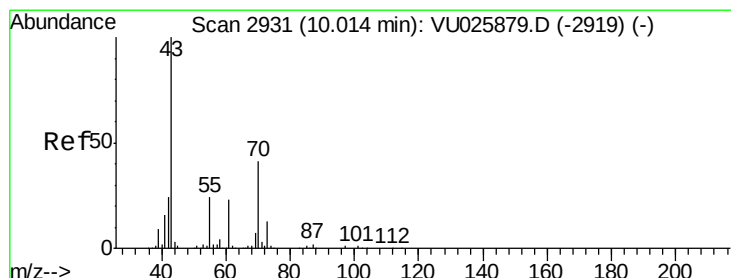
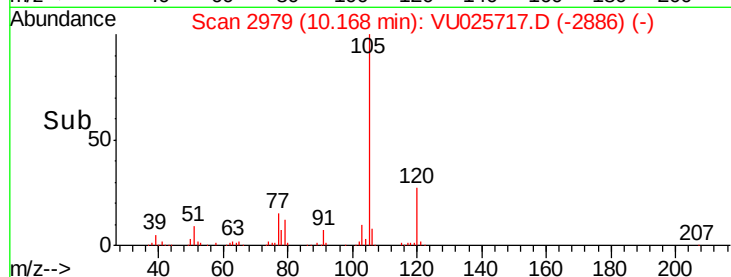
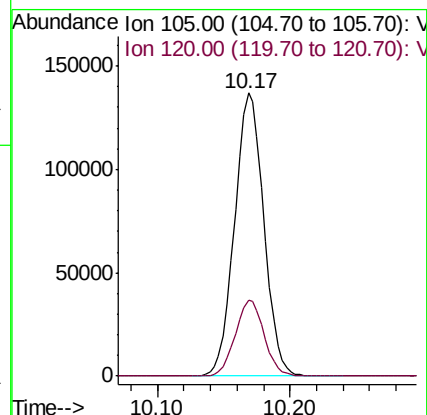
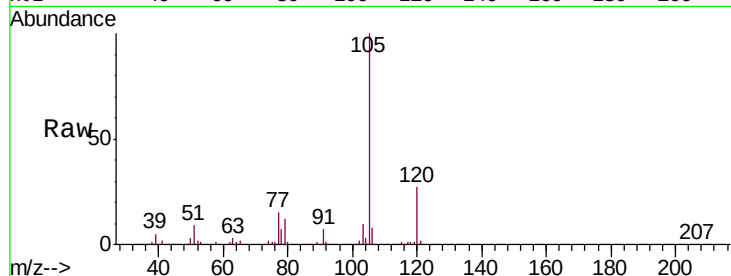
VU0730WBSD01

Tgt Ion:105 Resp: 209291

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 20.311 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Tgt Ion: 43 Resp: 85741

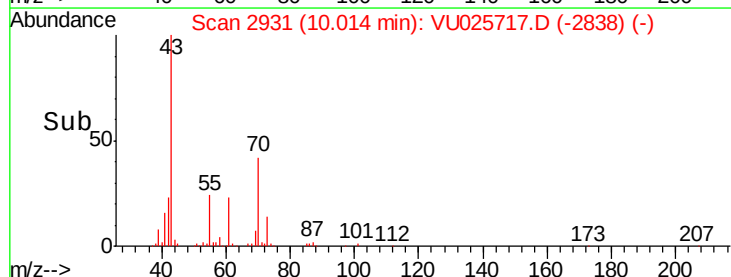
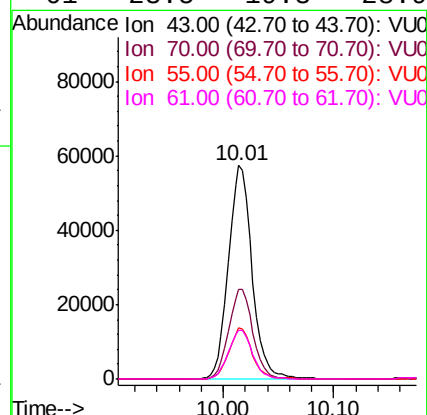
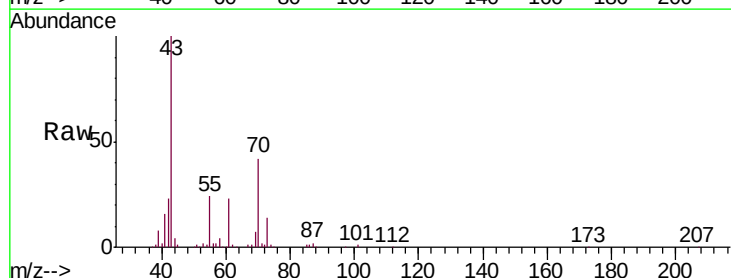
Ion Ratio Lower Upper

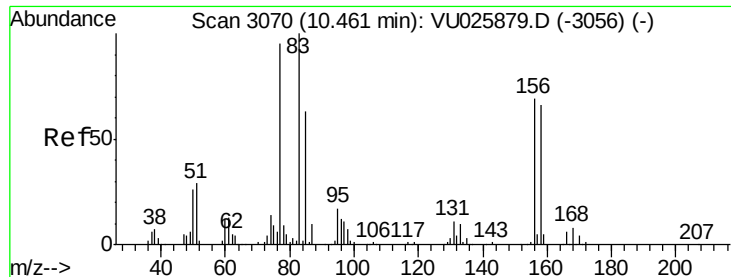
43 100

70 42.8 33.4 50.2

55 23.4 19.0 28.6

61 23.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.163 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

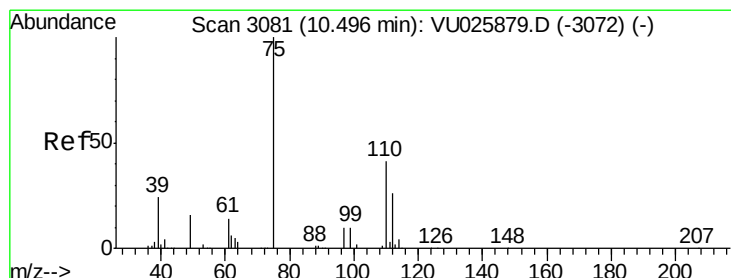
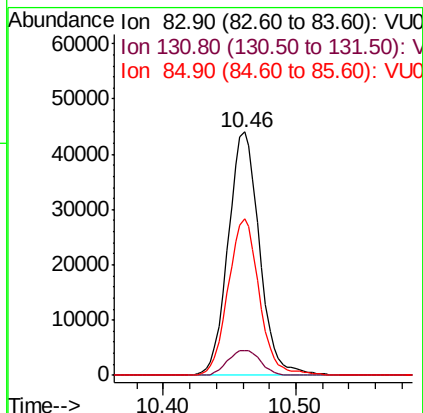
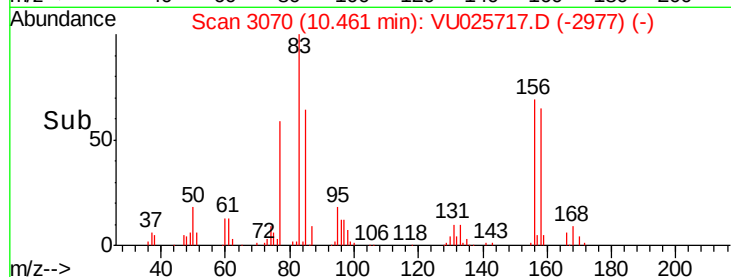
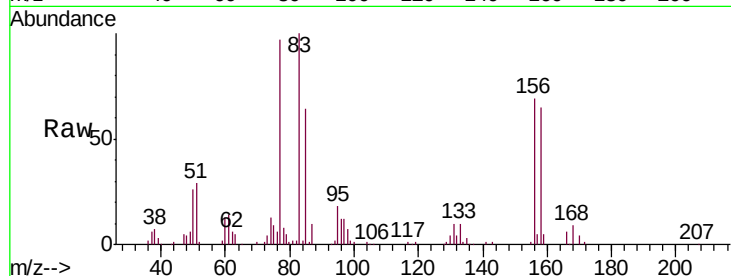
Tgt Ion: 83 Resp: 72100

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

85 64.3 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 25.155 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025717.D

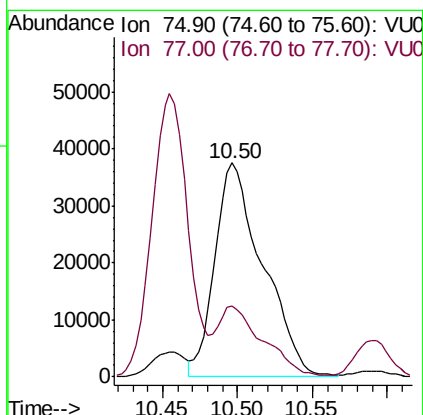
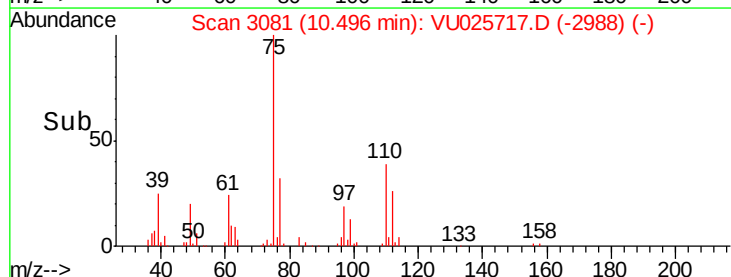
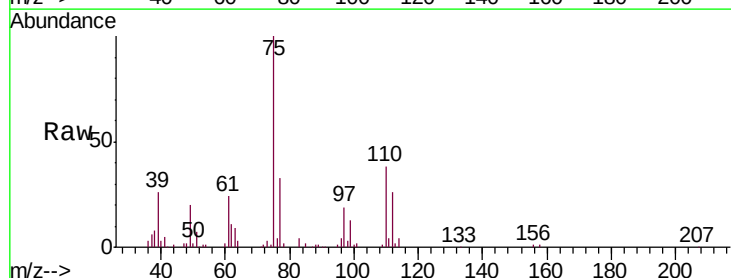
Acq: 30 Jul 2018 12:20

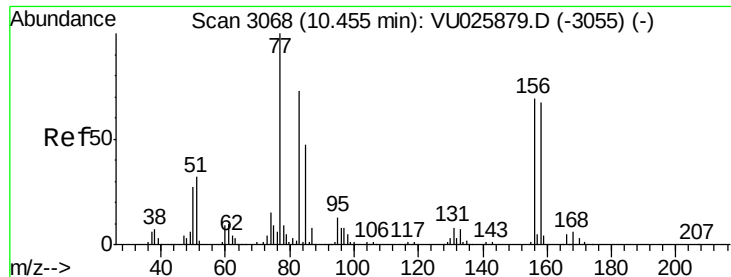
Tgt Ion: 75 Resp: 83970

Ion Ratio Lower Upper

75 100

77 30.2 20.4 61.3





#77

Bromobenzene

Concen: 19.812 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

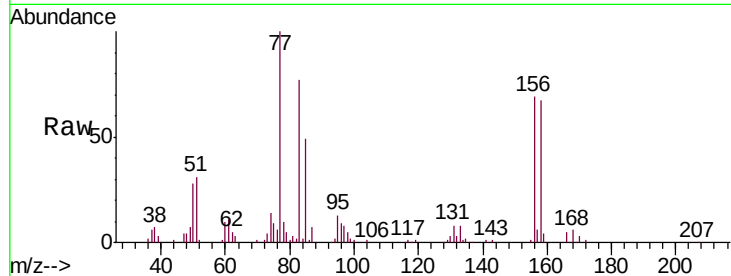
Tgt Ion:156 Resp: 56507

Ion Ratio Lower Upper

156 100

77 146.9 73.8 221.4

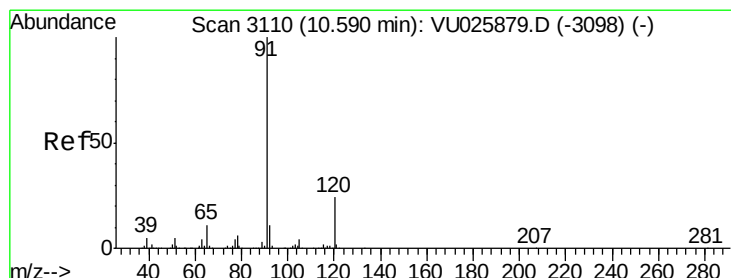
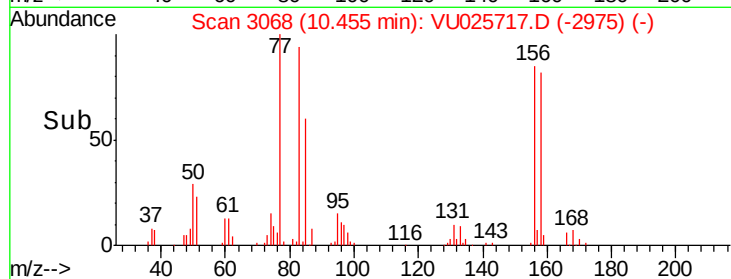
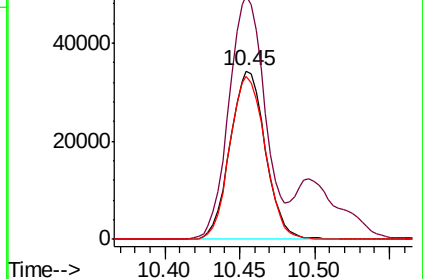
158 97.1 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.984 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025717.D

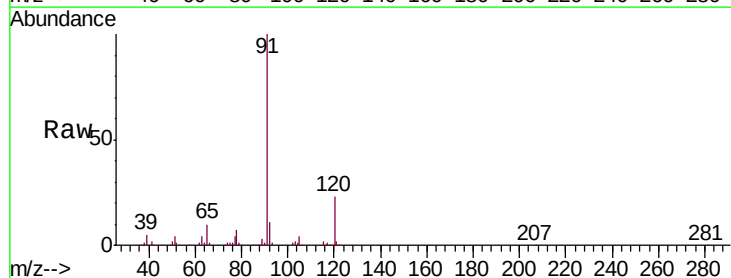
Acq: 30 Jul 2018 12:20

Tgt Ion: 91 Resp: 241196

Ion Ratio Lower Upper

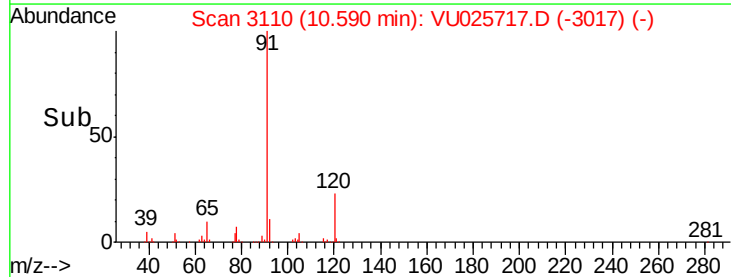
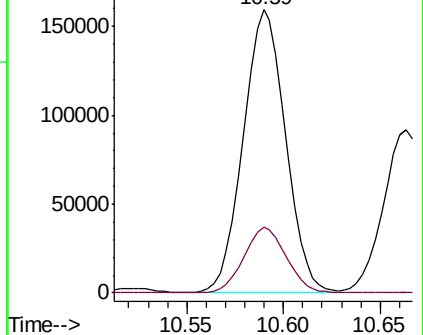
91 100

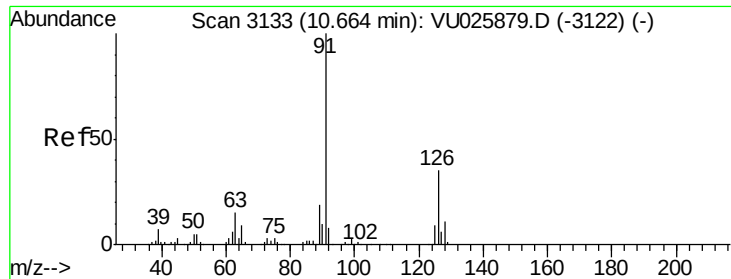
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.441 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

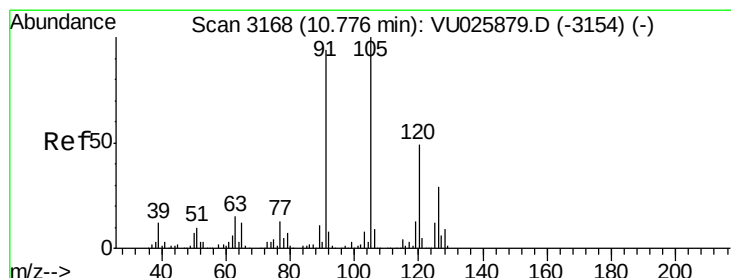
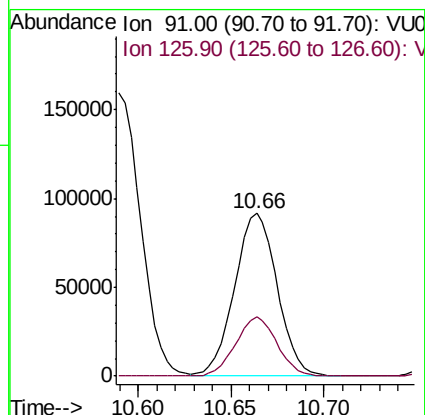
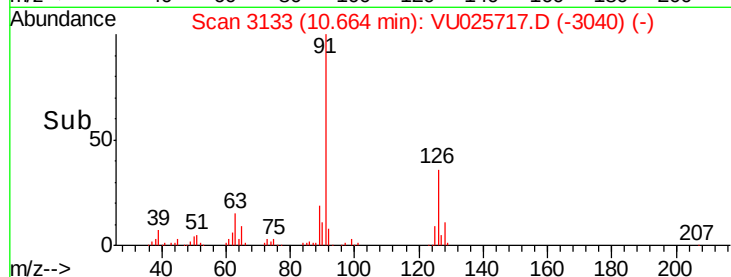
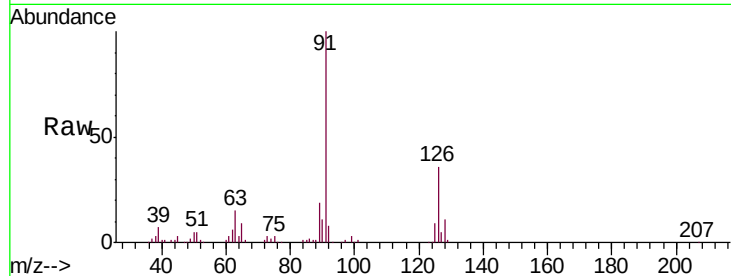
VU0730WBSD01

Tgt Ion: 91 Resp: 144505

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 20.445 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025717.D

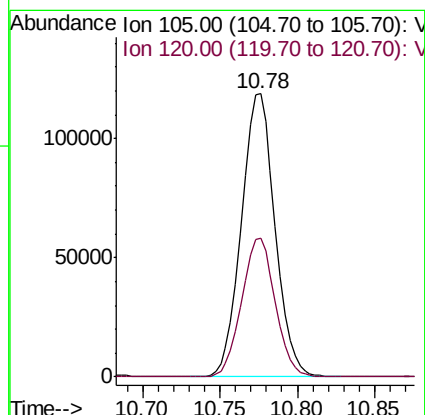
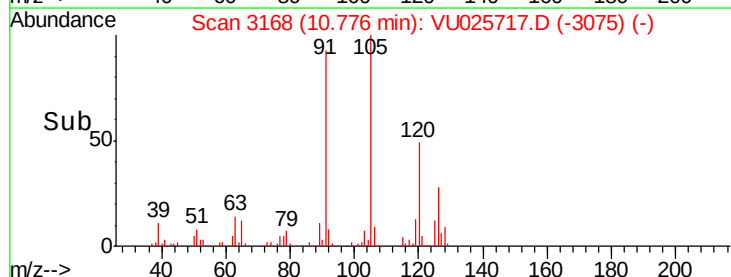
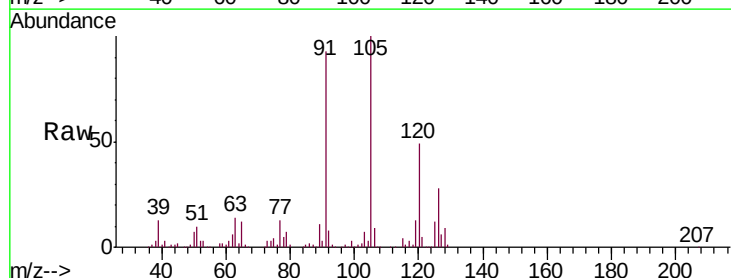
Acq: 30 Jul 2018 12:20

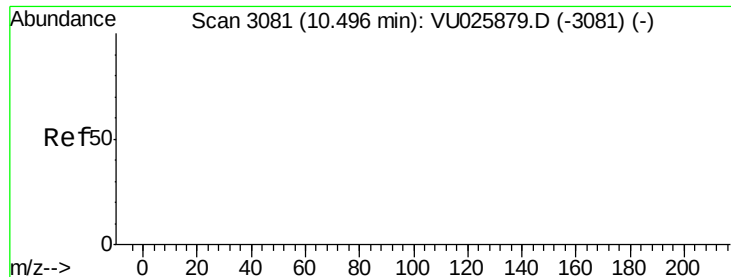
Tgt Ion: 105 Resp: 179552

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2

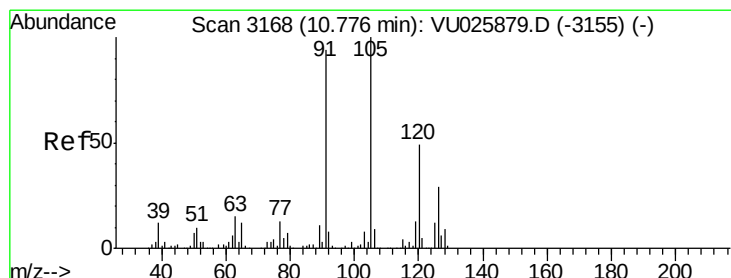
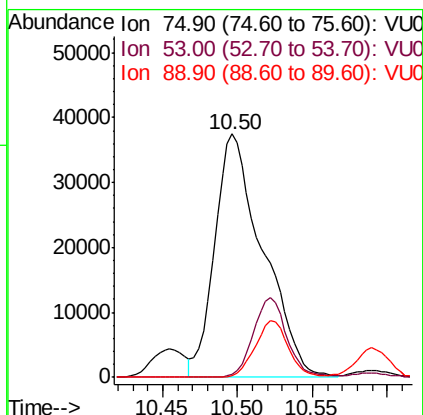
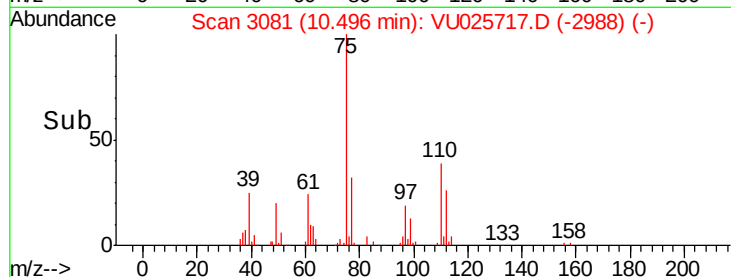
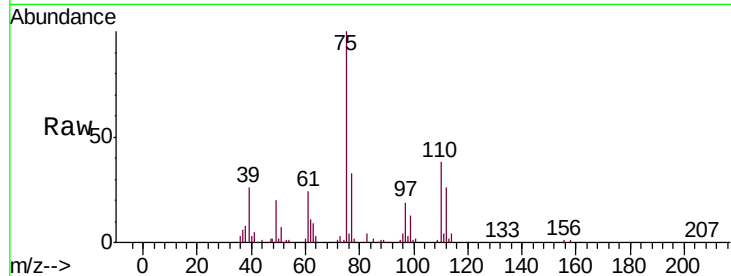




#81
trans-1,4-Dichloro-2-butene
Concen: 63.075 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

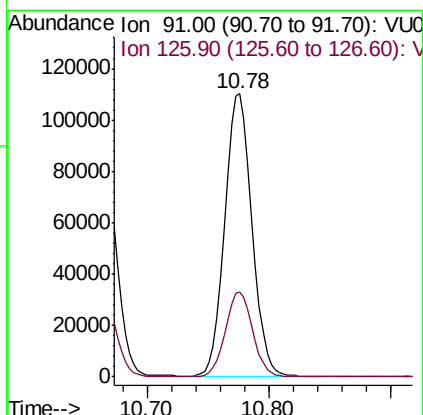
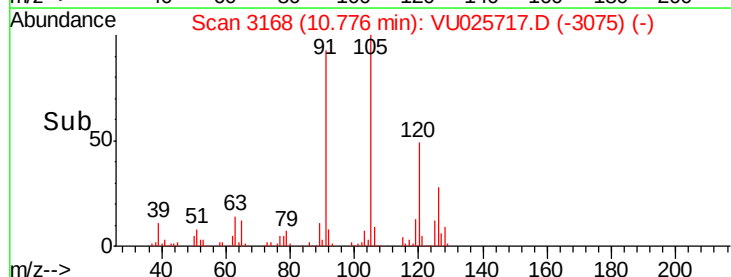
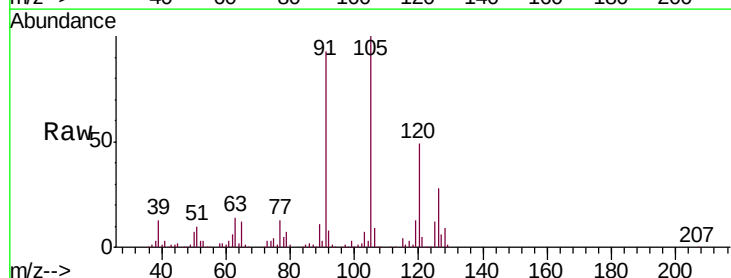
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

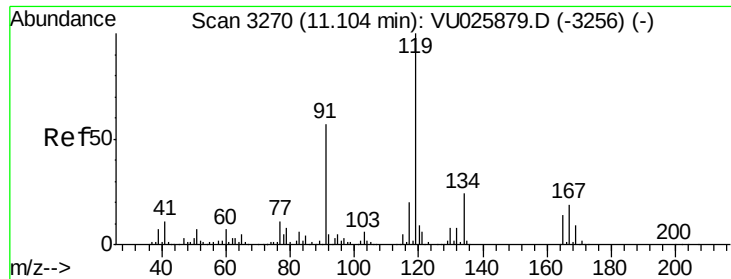
Tgt Ion: 75 Resp: 83970
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.670 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025717.D
Acq: 30 Jul 2018 12:20

Tgt Ion: 91 Resp: 172243
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

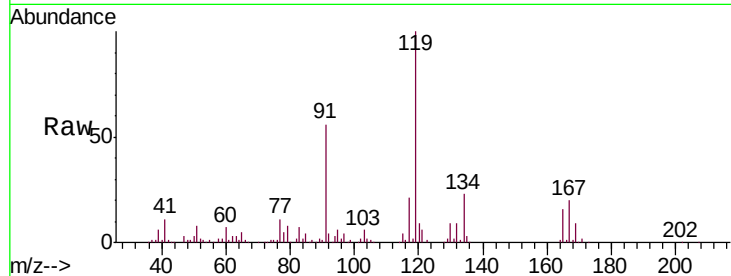




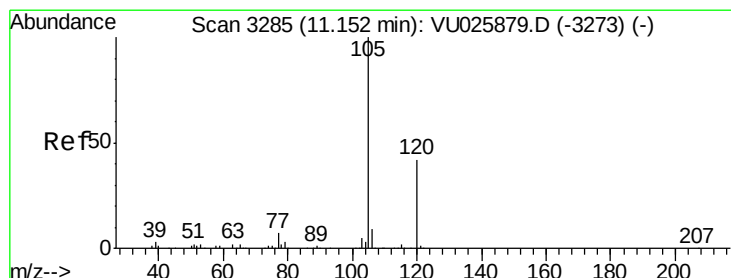
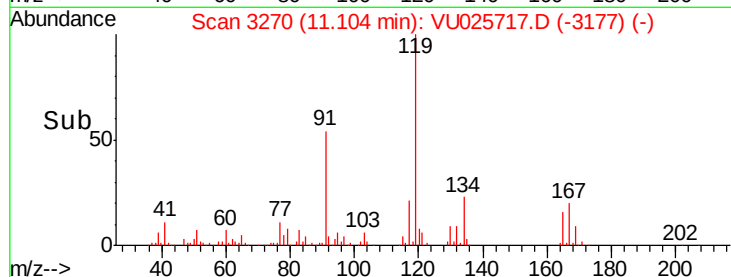
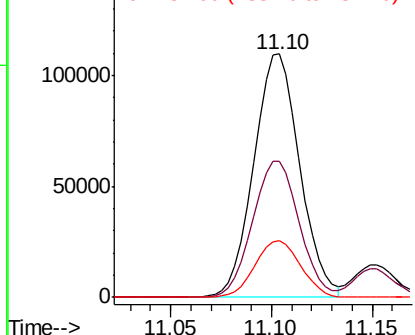
#83
 tert-Butylbenzene
 Concen: 20.064 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Tgt Ion:119 Resp: 175064
 Ion Ratio Lower Upper
 119 100
 91 56.9 29.7 89.1
 134 23.3 11.5 34.5

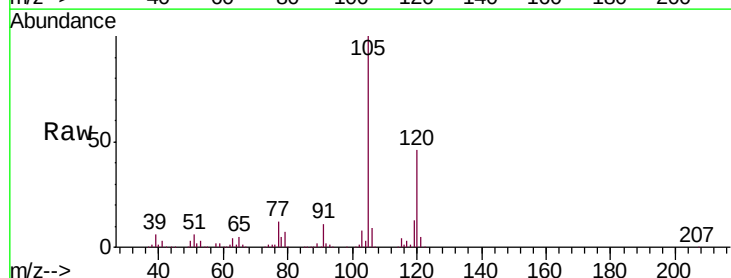


Abundance Ion 119.00 (118.70 to 119.70): V
 150000
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

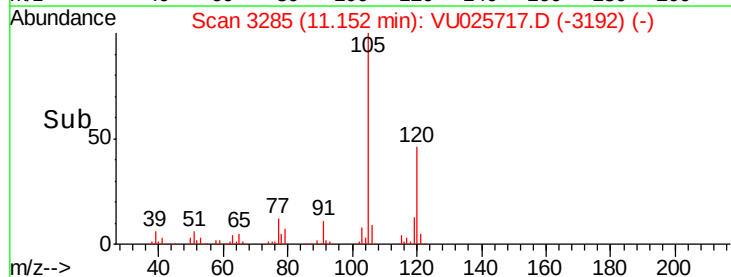
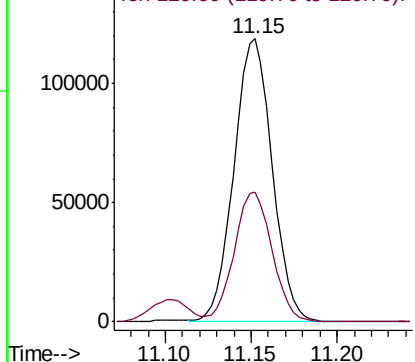


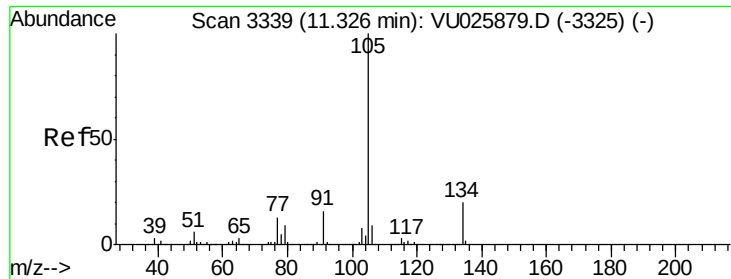
#84
 1,2,4-Trimethylbenzene
 Concen: 20.501 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion:105 Resp: 182444
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 100000
 Ion 120.00 (119.70 to 120.70): V

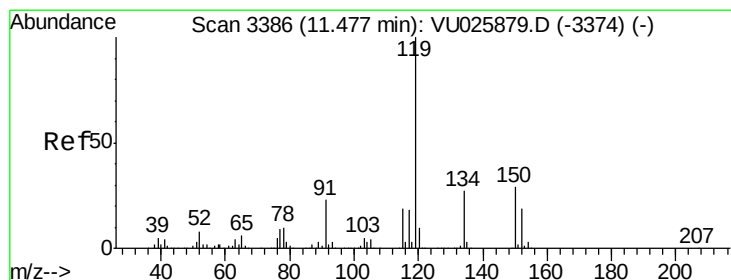
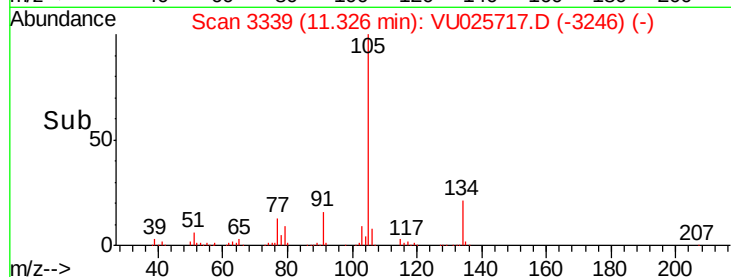
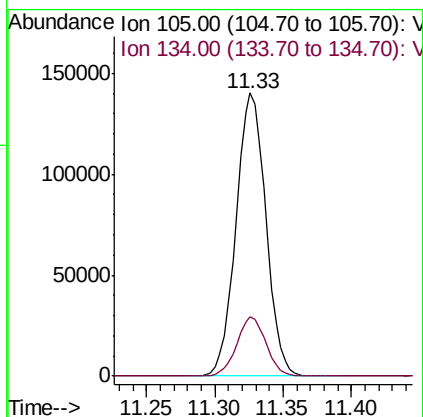
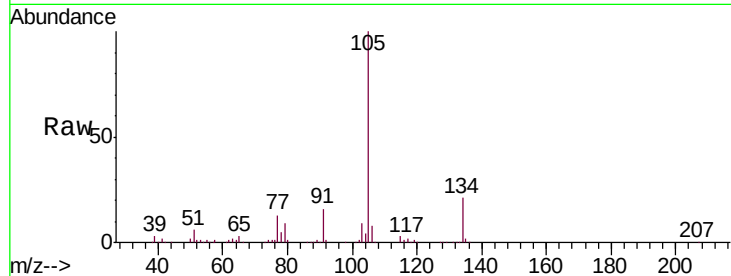




#85
 sec-Butylbenzene
 Concen: 19.970 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

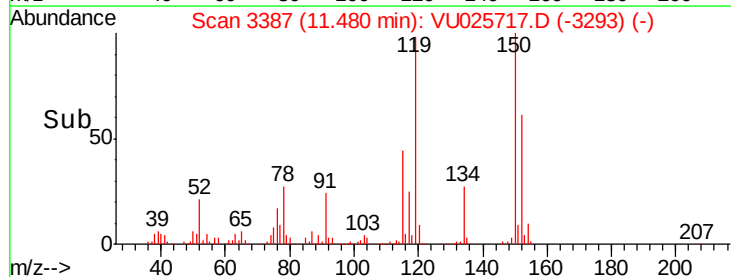
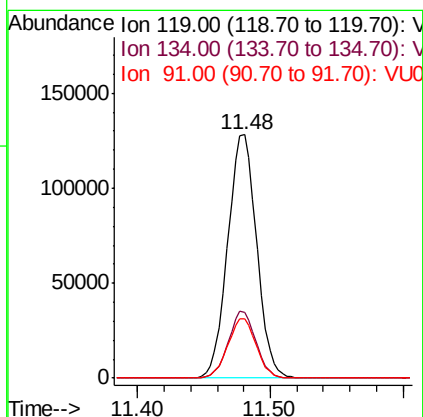
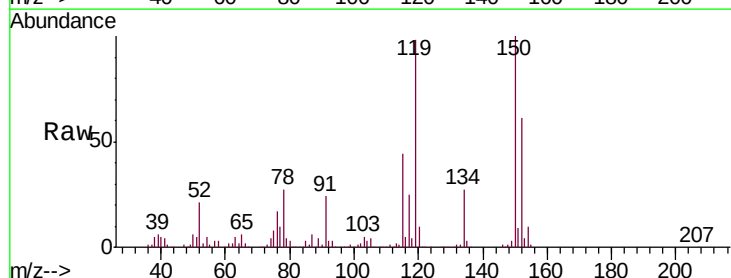
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

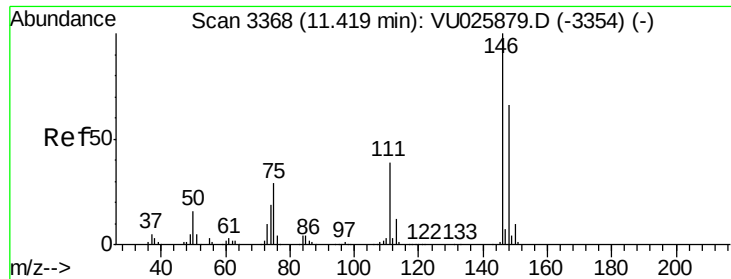
Tgt Ion:105 Resp: 212743
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.356 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion:119 Resp: 194174
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.1 12.0 36.1

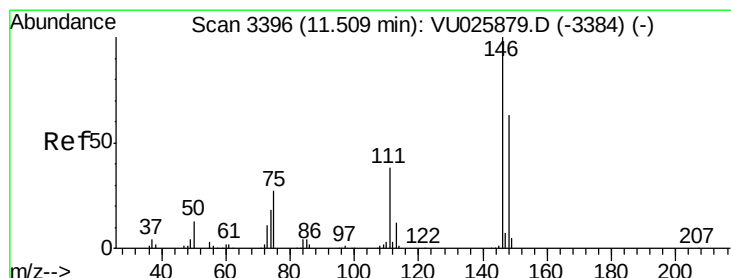
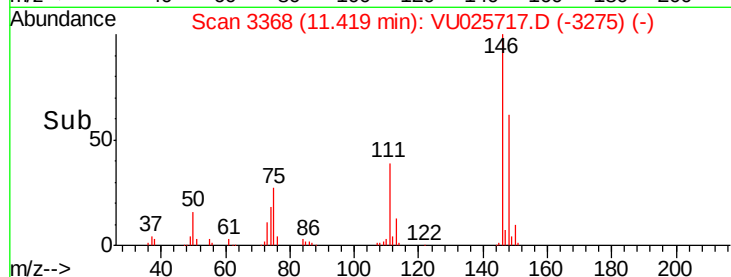
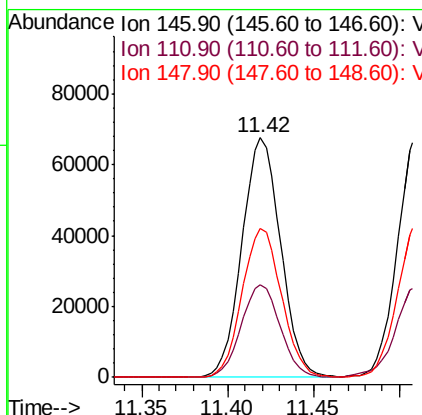
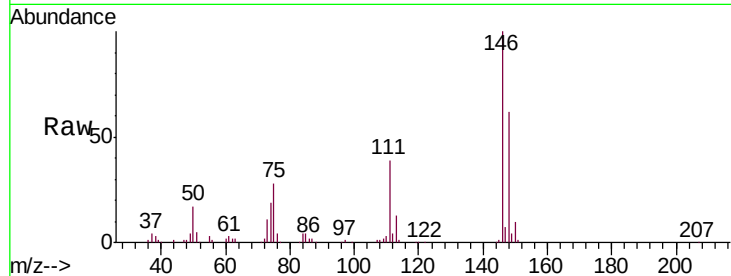




#87
 1,3-Dichlorobenzene
 Concen: 19.975 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

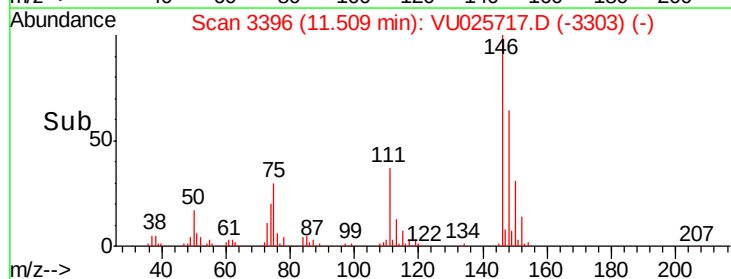
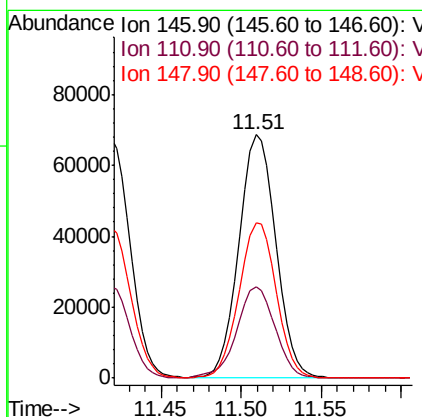
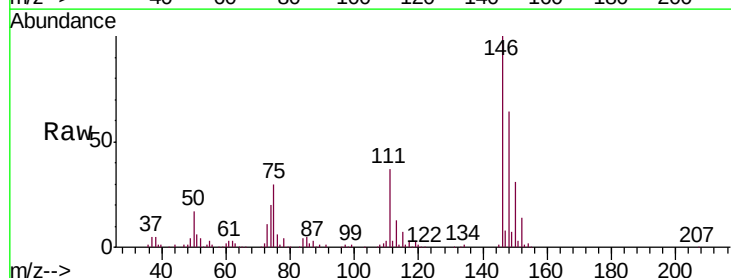
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

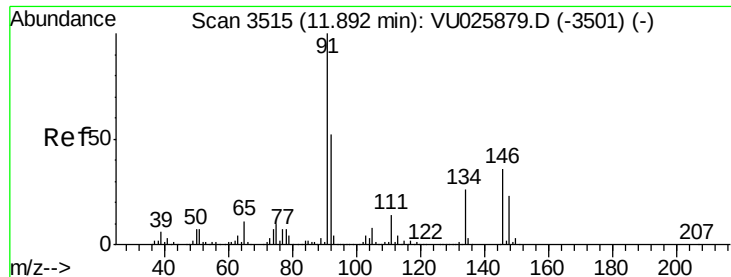
Tgt Ion:146 Resp: 105752
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.593 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion:146 Resp: 108128
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 19.718 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

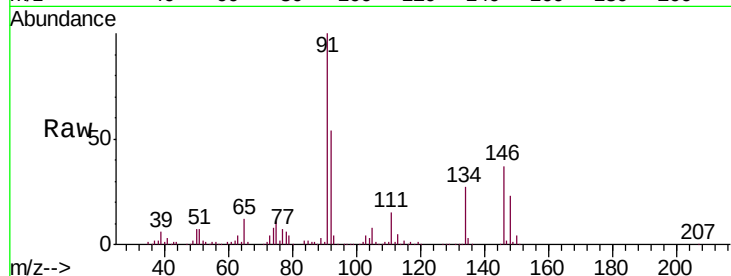
Tgt Ion: 91 Resp: 173567

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

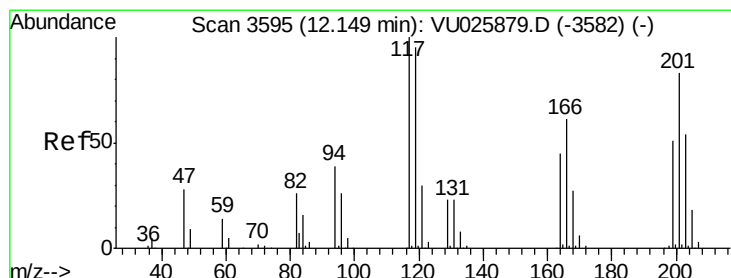
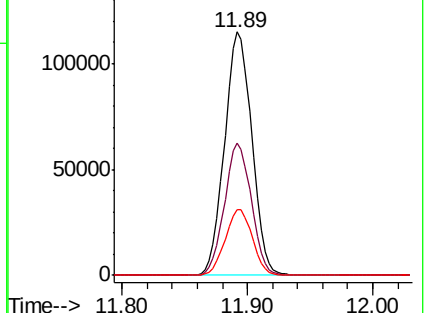
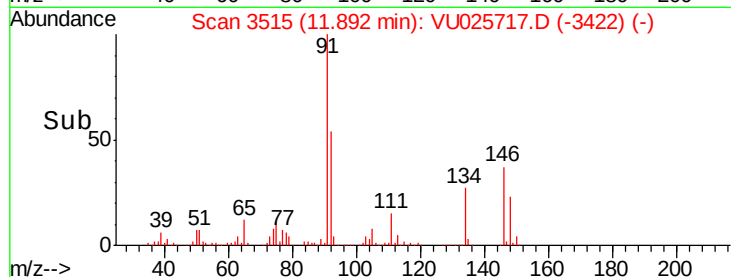
134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VU025717.D (-3422) (-)

Ion 92.00 (91.70 to 92.70): VU025717.D (-3422) (-)

Ion 134.00 (133.70 to 134.70): VU025717.D (-3422) (-)



#90

Hexachloroethane

Concen: 18.949 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025717.D

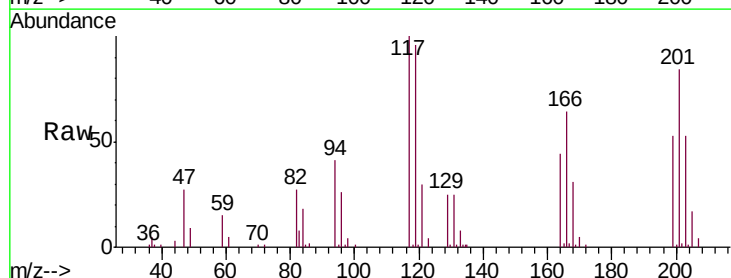
Acq: 30 Jul 2018 12:20

Tgt Ion: 117 Resp: 32137

Ion Ratio Lower Upper

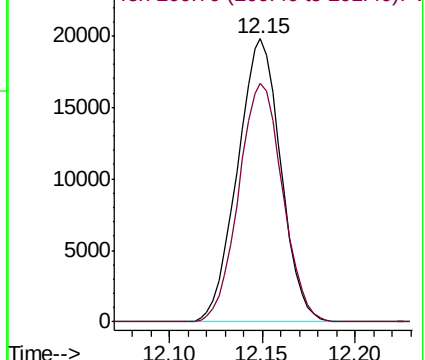
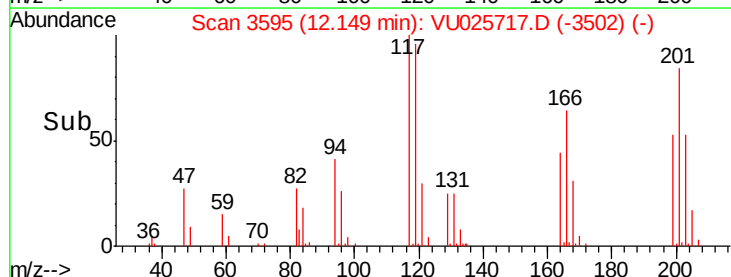
117 100

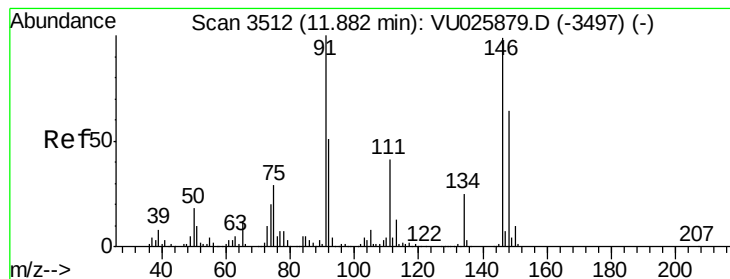
201 85.3 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU025717.D (-3502) (-)

Ion 200.70 (200.40 to 201.40): VU025717.D (-3502) (-)





#91

1,2-Dichlorobenzene

Concen: 20.249 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

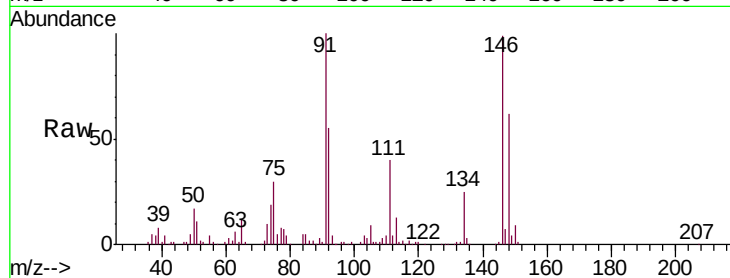
Tgt Ion:146 Resp: 105080

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

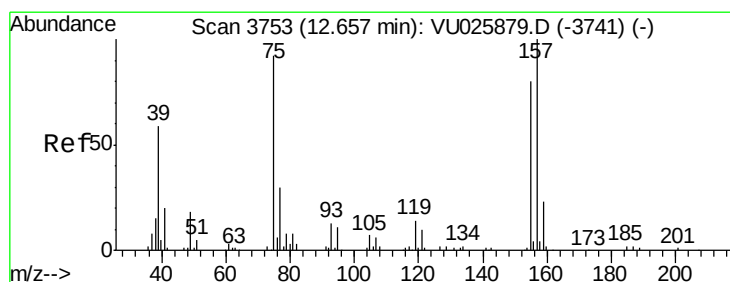
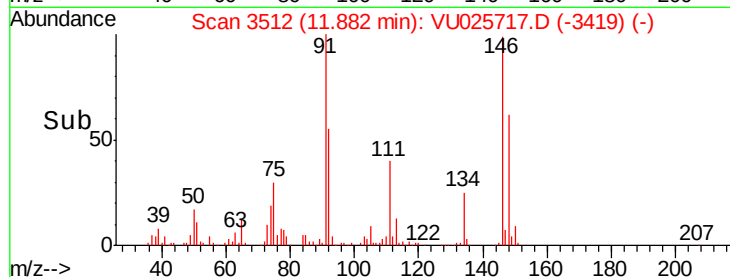
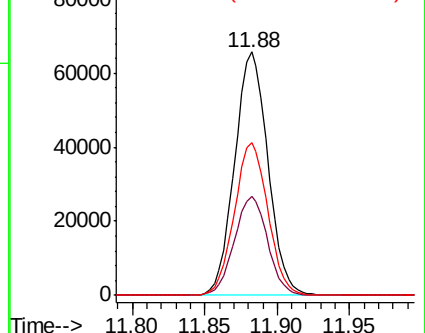
148 63.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.309 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

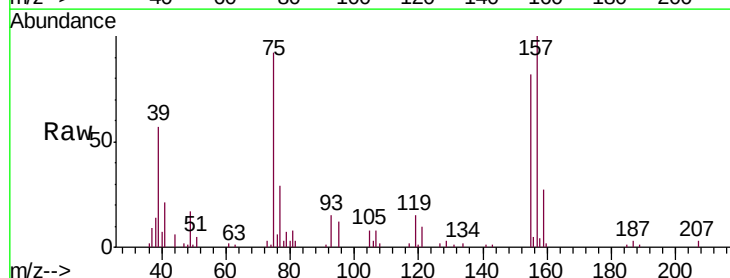
Tgt Ion: 75 Resp: 17217

Ion Ratio Lower Upper

75 100

155 87.7 44.5 133.3

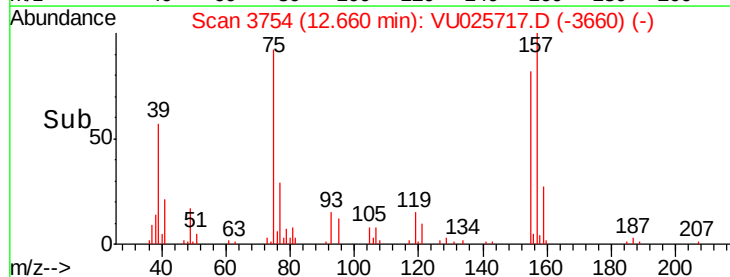
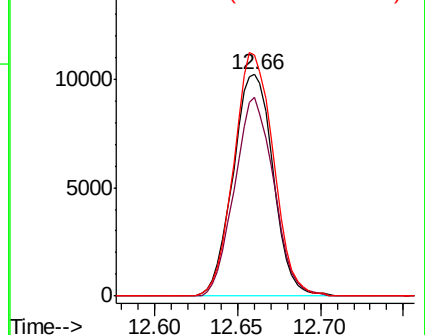
157 108.1 57.0 170.8

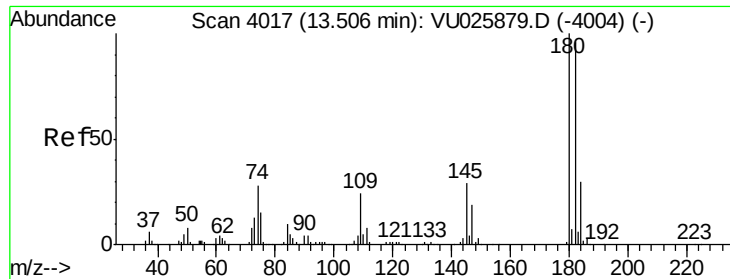


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

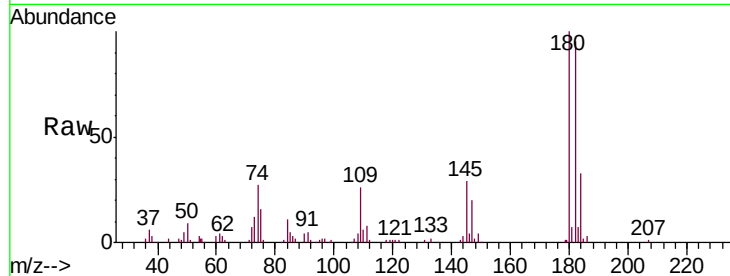




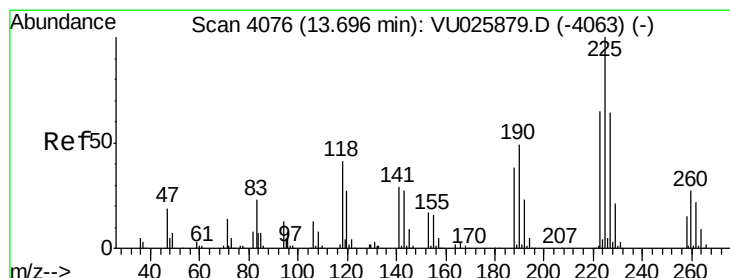
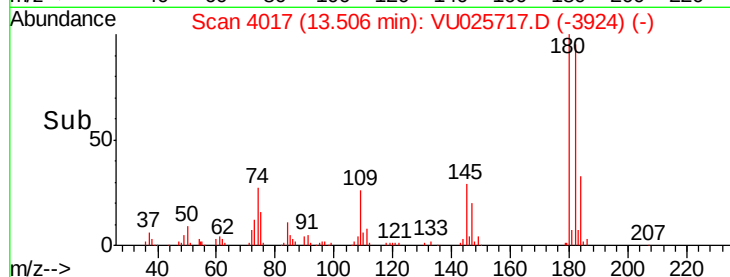
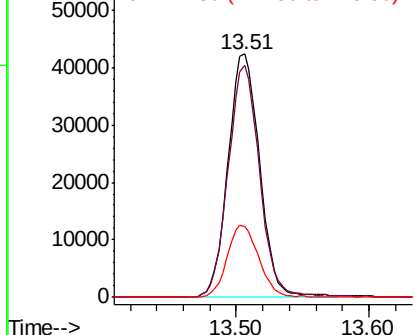
#93
 1,2,4-Trichlorobenzene
 Concen: 20.070 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Tgt Ion:180 Resp: 70294
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 141.9
 145 29.5 14.9 44.7

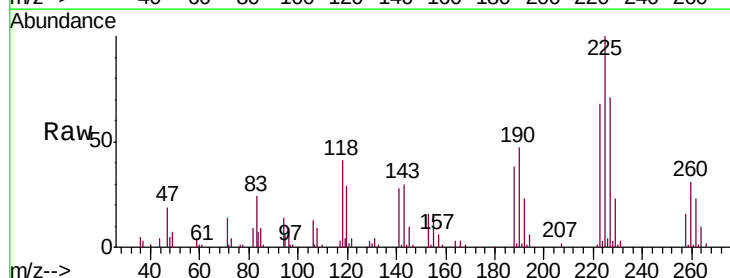


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

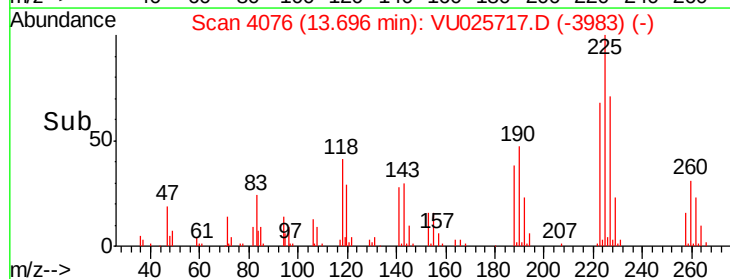
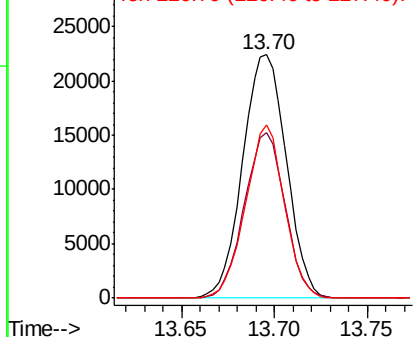


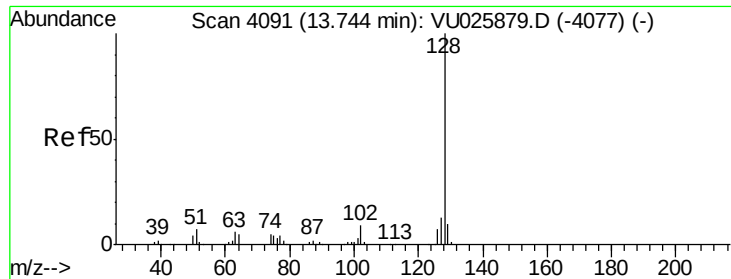
#94
 Hexachlorobutadiene
 Concen: 19.807 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025717.D
 Acq: 30 Jul 2018 12:20

Tgt Ion:225 Resp: 36569
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.7
 227 63.2 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.433 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

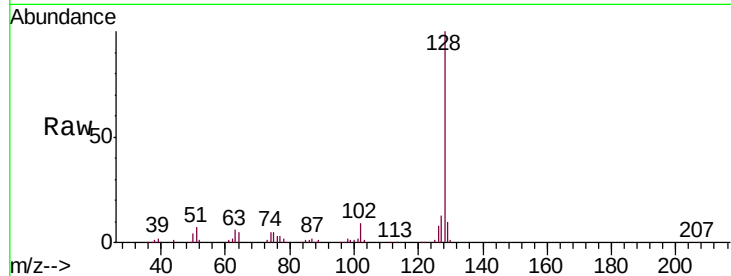
Tgt Ion:128 Resp: 198257

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.1 8.3 12.5



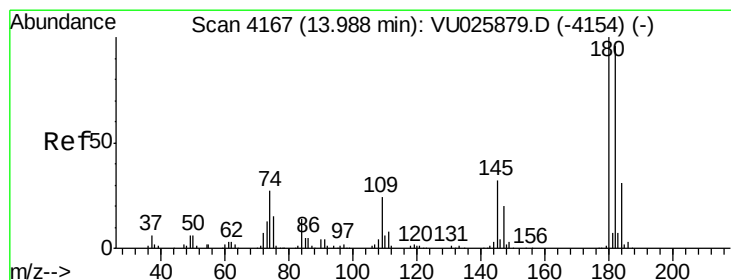
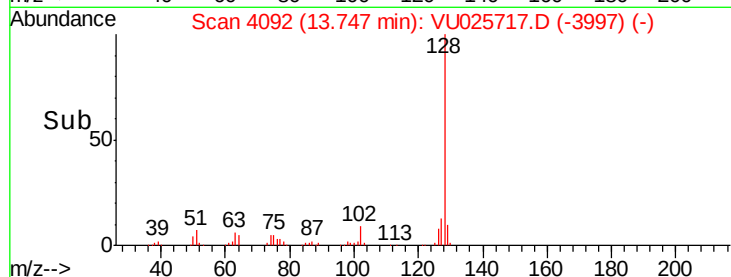
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.75

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.264 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025717.D

Acq: 30 Jul 2018 12:20

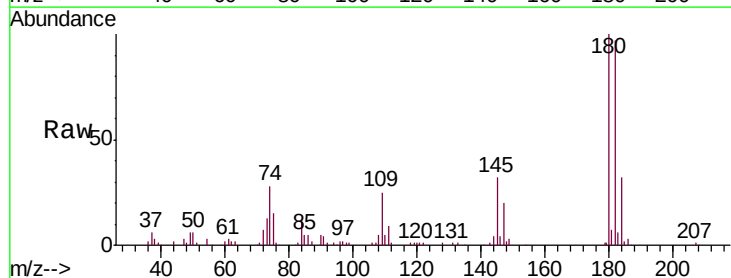
Tgt Ion:180 Resp: 70798

Ion Ratio Lower Upper

180 100

182 96.1 47.8 143.3

145 31.4 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

13.99

Time-->

