

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025289.D
 Acq On : 10 Jul 2018 15:15
 Operator : MD/SY
 Sample : VU0710WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Quant Time: Jul 11 02:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	281459	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152529	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	138020	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
35) Dibromofluoromethane	4.89	113	111756	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	7.57	98	367408	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	
62) 4-Bromofluorobenzene	10.31	95	150347	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	39085	19.95	ug/l	99
3) Chloromethane	1.33	50	41667	21.67	ug/l	100
4) Vinyl Chloride	1.40	62	43676	20.29	ug/l	99
5) Bromomethane	1.62	94	28355	22.90	ug/l	96
6) Chloroethane	1.70	64	28720	21.14	ug/l	99
7) Trichlorofluoromethane	1.89	101	70063	20.71	ug/l	98
8) Diethyl Ether	2.10	74	26417	20.80	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43834	20.90	ug/l	98
10) Methyl Iodide	2.41	142	43224	23.28	ug/l	98
11) Tert butyl alcohol	2.82	59	64823	101.03	ug/l	99
12) 1,1-Dichloroethene	2.28	96	38459	20.04	ug/l	97
13) Acrolein	2.19	56	29125	68.61	ug/l	98
14) Allyl chloride	2.59	41	67797	19.48	ug/l	99
15) Acrylonitrile	2.94	53	138069	104.66	ug/l	99
16) Acetone	2.32	43	148272	101.74	ug/l	99
17) Carbon Disulfide	2.48	76	101681	19.36	ug/l	99
18) Methyl Acetate	2.62	43	67710	22.48	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	156784	21.48	ug/l	99
20) Methylene Chloride	2.70	84	49316	22.07	ug/l	89
21) trans-1,2-Dichloroethene	2.99	96	42042	19.17	ug/l	98
22) Diisopropyl ether	3.57	45	150295	21.15	ug/l	99
23) Vinyl Acetate	3.53	43	661338	106.07	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85909	21.43	ug/l	99
25) 2-Butanone	4.27	43	208471	102.26	ug/l	100
26) 2,2-Dichloropropane	4.23	77	79848	20.72	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50792	20.02	ug/l	96
28) Bromochloromethane	4.55	49	41093	21.23	ug/l	99
29) Tetrahydrofuran	4.64	42	126524	103.47	ug/l	99
30) Chloroform	4.68	83	90949	21.43	ug/l	99
31) Cyclohexane	5.00	56	75999	20.90	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	82548	21.46	ug/l	99
36) 1,1-Dichloropropene	5.14	75	61682	19.71	ug/l	97
37) Ethyl Acetate	4.38	43	74631	21.39	ug/l	98
38) Carbon Tetrachloride	5.14	117	71344	21.18	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77046	19.74	ug/l	97
40) Benzene	5.39	78	185761	20.60	ug/l	99
41) Methacrylonitrile	4.54	41	42104	21.76	ug/l	97
42) 1,2-Dichloroethane	5.41	62	77011	21.48	ug/l	100
43) Isopropyl Acetate	5.55	43	118258	21.16	ug/l	99
44) Trichloroethene	6.19	130	50970	19.69	ug/l	97
45) 1,2-Dichloropropane	6.44	63	50393	21.34	ug/l	98
46) Dibromomethane	6.56	93	35923	20.90	ug/l	98
47) Bromodichloromethane	6.76	83	68691	21.51	ug/l	100
48) Methyl methacrylate	6.63	41	57757	20.73	ug/l	95
49) 1,4-Dioxane	6.61	88	27531	410.70	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	383275	105.52	ug/l	100
52) Toluene	7.64	92	120236	20.96	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	72595	20.69	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	76101	20.38	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	49692	20.80	ug/l	98
56) Ethyl methacrylate	8.02	69	79518	21.31	ug/l	99
57) 1,3-Dichloropropane	8.25	76	84131	21.21	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	142425	85.42	ug/l	100
59) 2-Hexanone	8.36	43	299694	101.72	ug/l	99
60) Dibromochloromethane	8.48	129	54383	21.08	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54305	21.24	ug/l	99
64) Tetrachloroethene	8.23	164	49609	20.36	ug/l	97
65) Chlorobenzene	9.12	112	135820	20.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51573	21.59	ug/l	98
67) Ethyl Benzene	9.25	91	234056	20.56	ug/l	100
68) m/p-Xylenes	9.38	106	181165	41.17	ug/l	98
69) o-Xylene	9.78	106	91356	20.74	ug/l	95
70) Styrene	9.80	104	146155	20.88	ug/l	99
71) Bromoform	9.96	173	42543	21.33	ug/l #	99
73) Isopropylbenzene	10.17	105	243341	20.88	ug/l	99
74) N-amyl acetate	10.01	43	100794	21.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	82658	21.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	95560	30.69	ug/l	83
77) Bromobenzene	10.46	156	61561	20.65	ug/l	97
78) n-propylbenzene	10.59	91	267429	20.68	ug/l	99
79) 2-Chlorotoluene	10.66	91	166164	22.46	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	208255	21.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	95560	78.64	ug/l #	100
82) 4-Chlorotoluene	10.78	91	186531	20.37	ug/l	100
83) tert-Butylbenzene	11.10	119	210275	21.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	208723	20.77	ug/l	100
85) sec-Butylbenzene	11.33	105	243253	20.85	ug/l	99
86) p-Isopropyltoluene	11.48	119	211741	20.50	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	109153	20.03	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109066	21.37	ug/l	97
89) n-Butylbenzene	11.89	91	163309	19.23	ug/l	99
90) Hexachloroethane	12.15	117	35993	20.58	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	115977	21.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19631	21.23	ug/l	97

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Quant Title : SW846 8260
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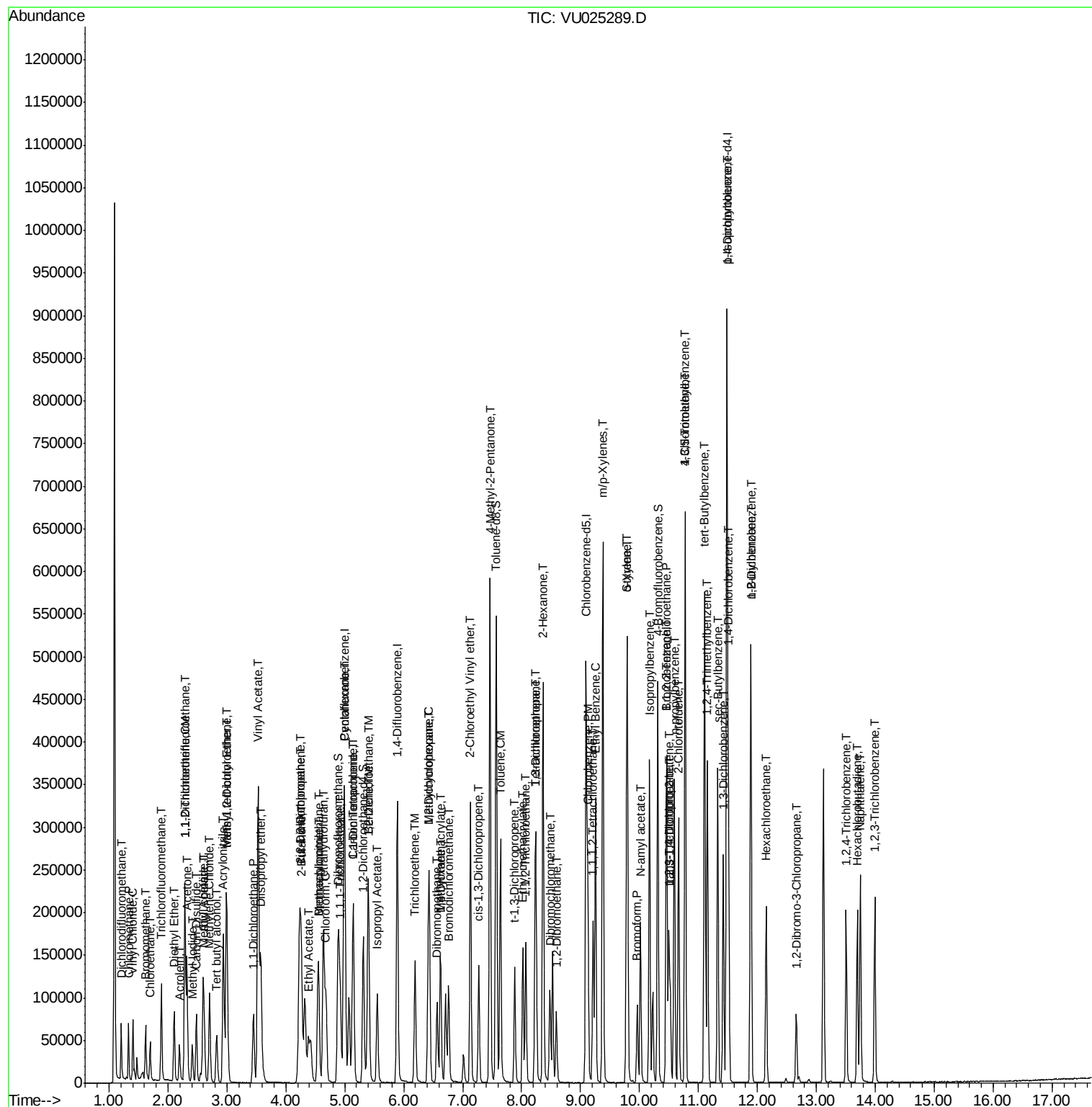
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	62048	19.02	ug/l	98
94) Hexachlorobutadiene	13.70	225	37061	18.83	ug/l	99
95) Naphthalene	13.75	128	202989	19.66	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	69581	20.19	ug/l	98

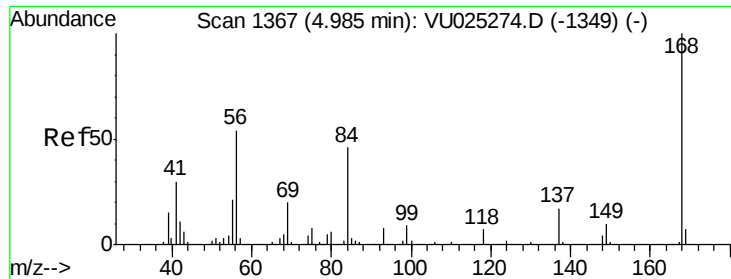
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

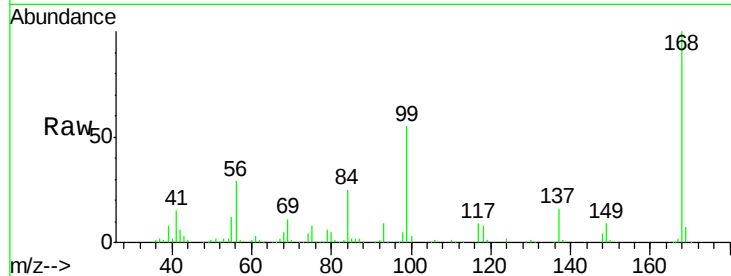
VU0710WBS01

Tot Ion:168 Resp: 189314

Ion Ratio Lower Upper

168 100

99 54.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

60000

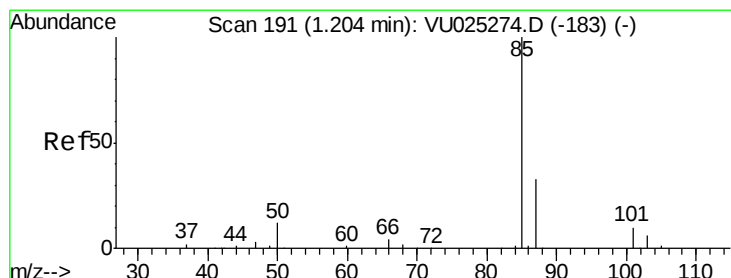
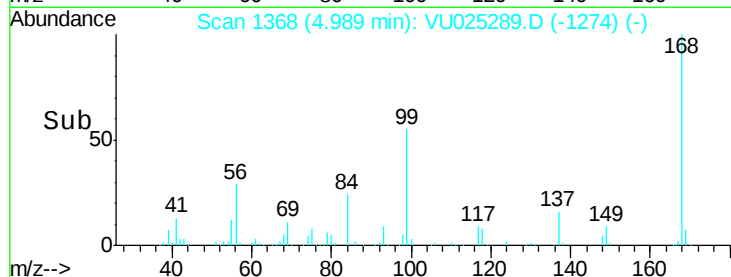
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.95 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025289.D

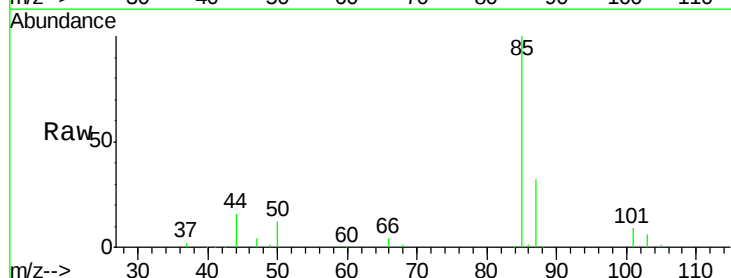
Acq: 10 Jul 2018 15:15

Tgt Ion: 85 Resp: 39085

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)

1.21

40000

30000

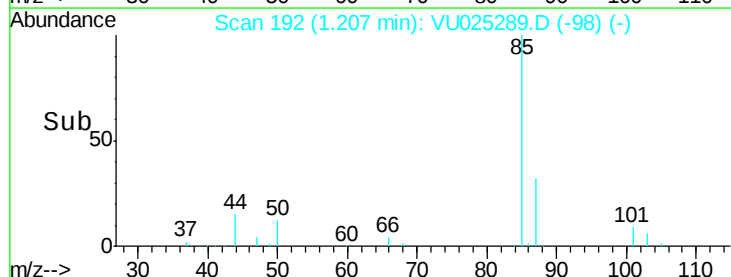
20000

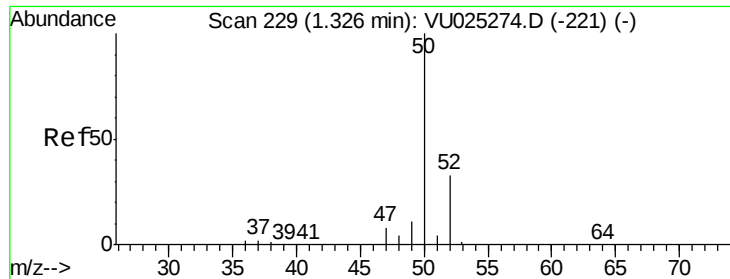
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 21.67 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

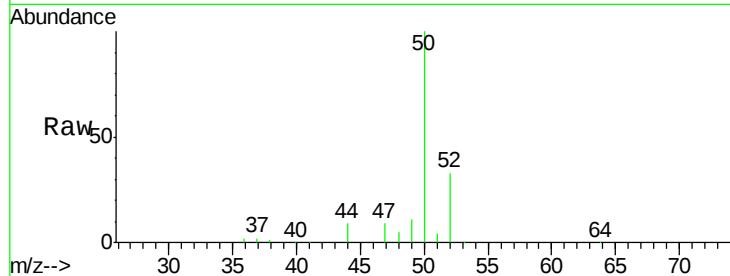
VU0710WBS01

Tot Ion: 50 Resp: 41667

Ion Ratio Lower Upper

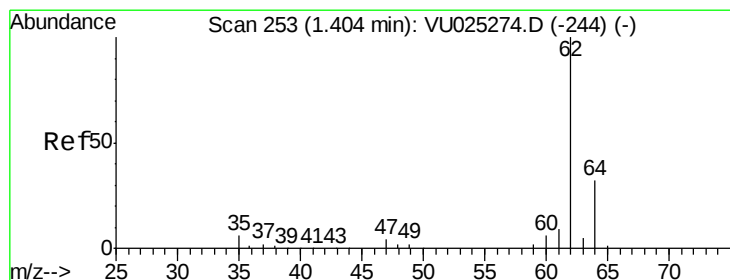
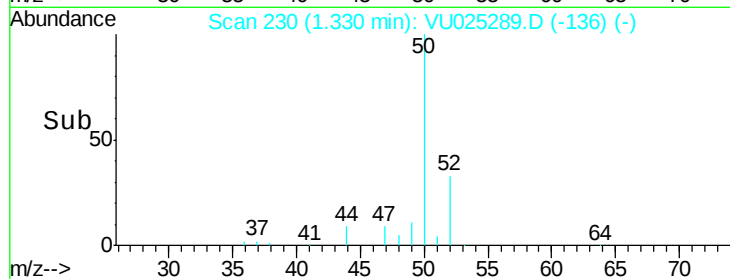
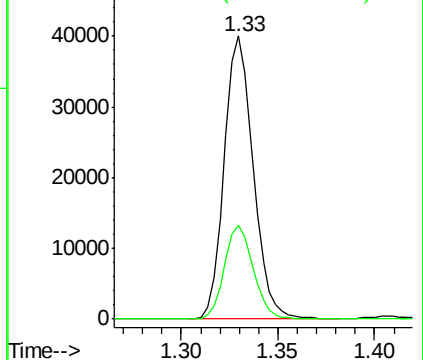
50 100

52 33.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 20.29 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025289.D

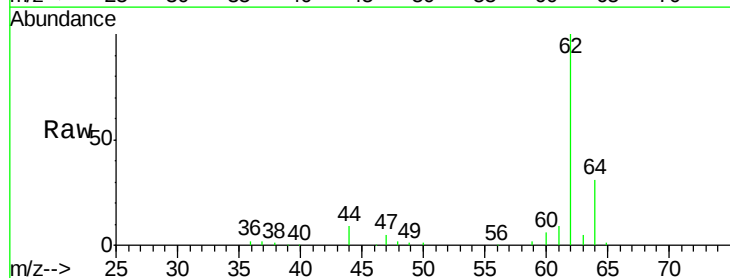
Acq: 10 Jul 2018 15:15

Tgt Ion: 62 Resp: 43676

Ion Ratio Lower Upper

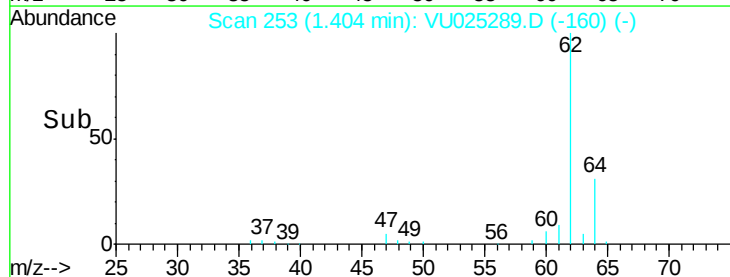
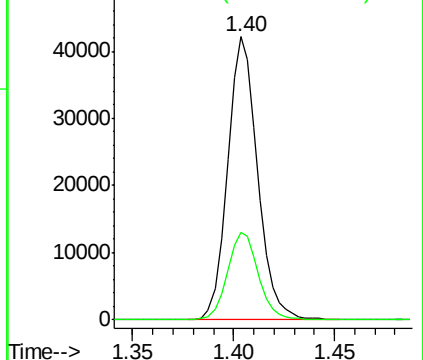
62 100

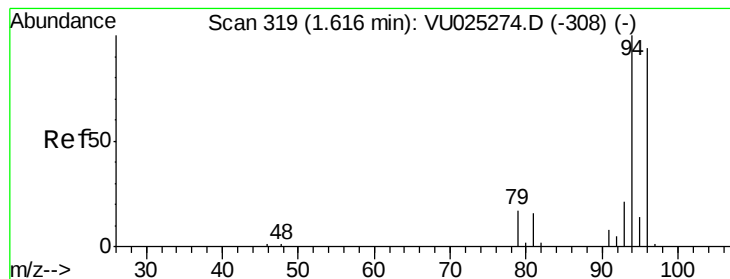
64 31.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 22.90 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.01 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

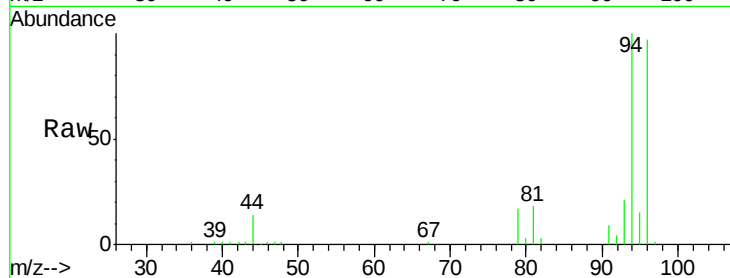
VU0710WBS01

Tot Ion: 94 Resp: 28355

Ion Ratio Lower Upper

94 100

96 97.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

25000

20000

15000

10000

5000

0

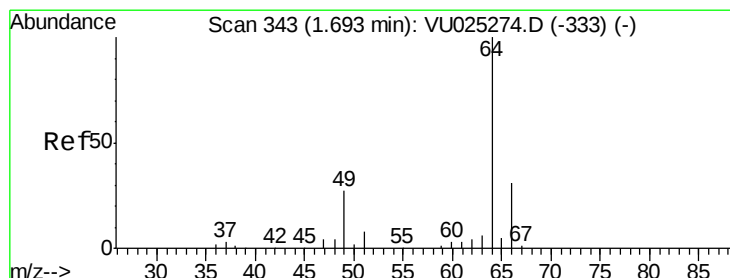
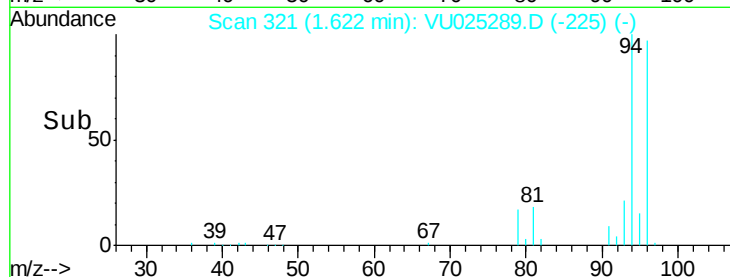
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 21.14 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025289.D

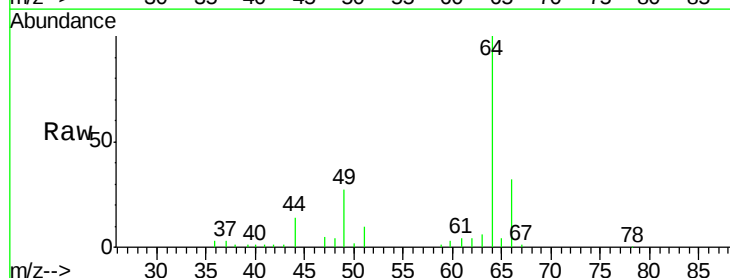
Acq: 10 Jul 2018 15:15

Tgt Ion: 64 Resp: 28720

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

25000

20000

15000

10000

5000

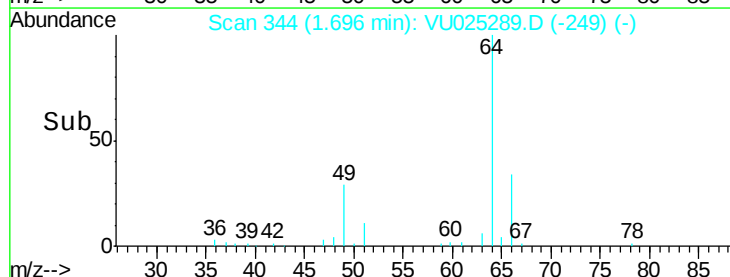
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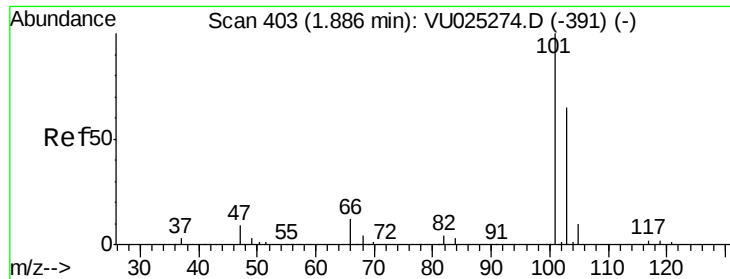
Time-->

1.65

1.70

1.75



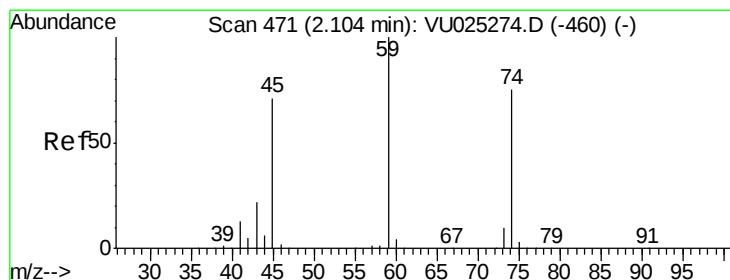
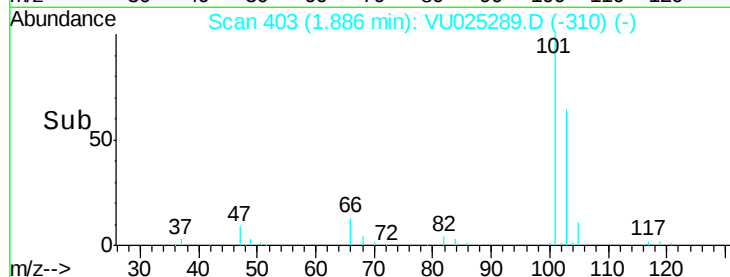
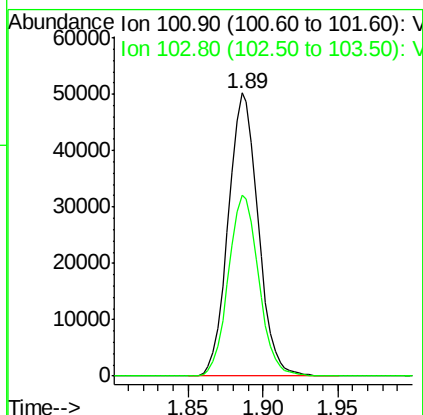
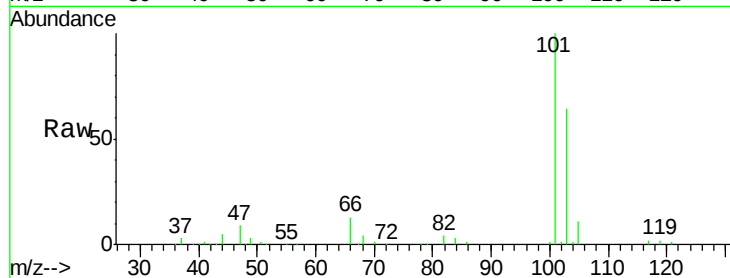


#7

Trichlorofluoromethane
 Concen: 20.71 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_U
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 VU0710WBS01

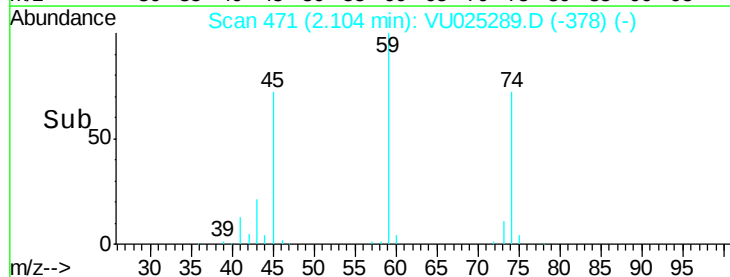
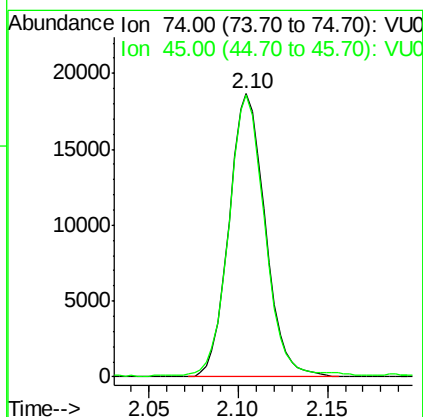
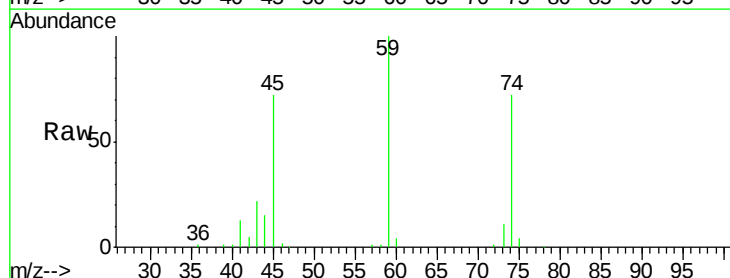
Tot Ion:101 Resp: 70063
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.2

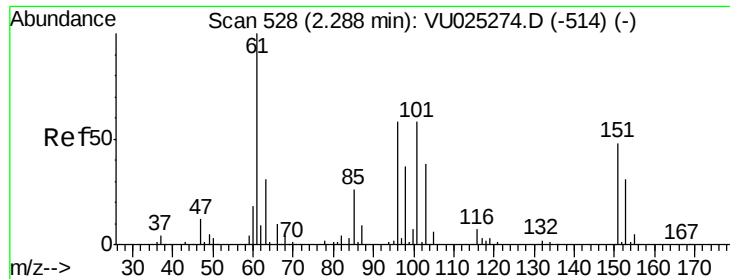


#8

Diethyl Ether
 Concen: 20.80 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 74 Resp: 26417
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.90 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

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VU0710WBS01

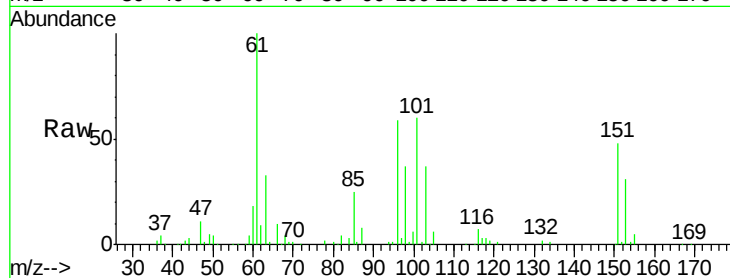
Tot Ion:101 Resp: 43834

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

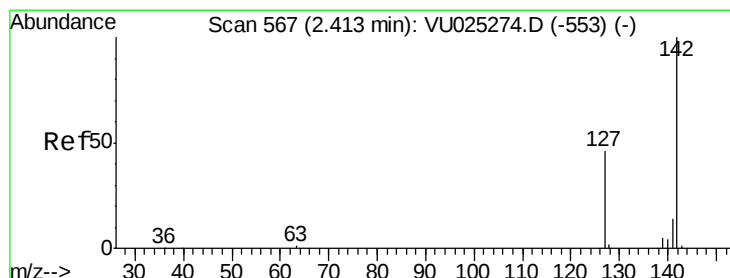
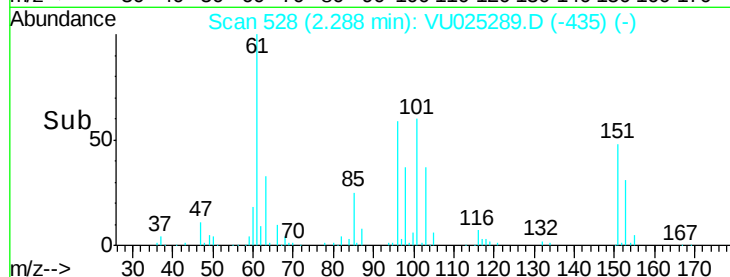
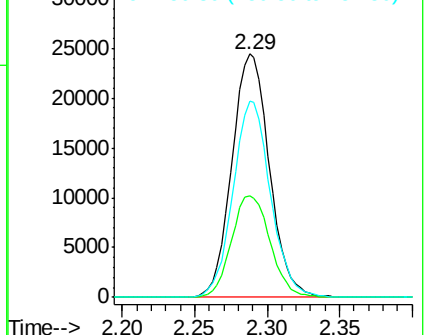
151 80.6 65.6 98.4



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: 23.28 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

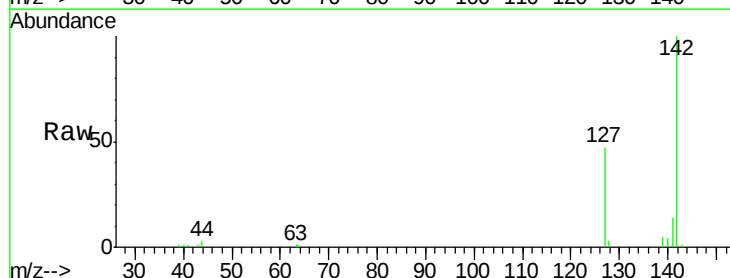
Tgt Ion:142 Resp: 43224

Ion Ratio Lower Upper

142 100

127 46.9 36.5 54.7

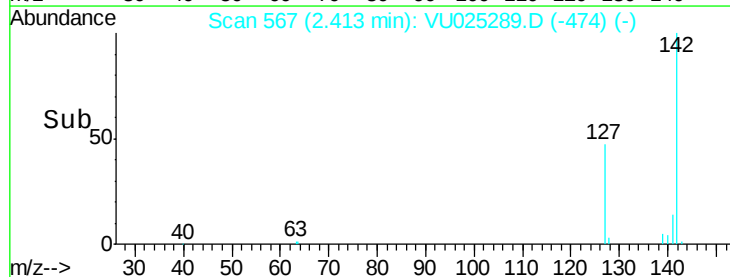
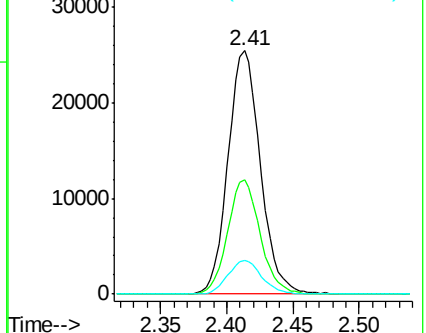
141 14.4 11.4 17.2

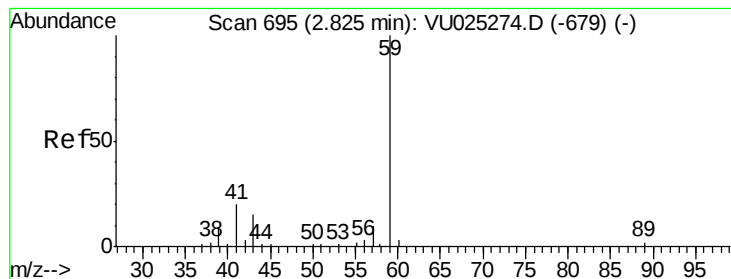


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



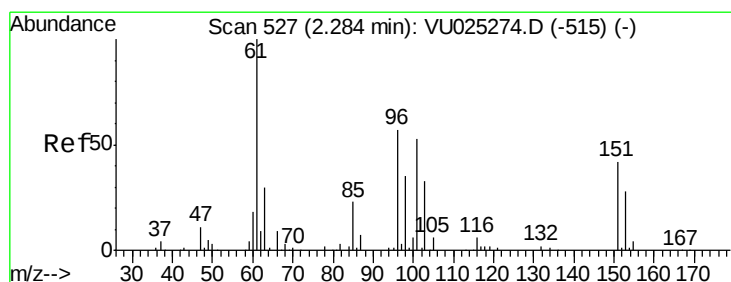
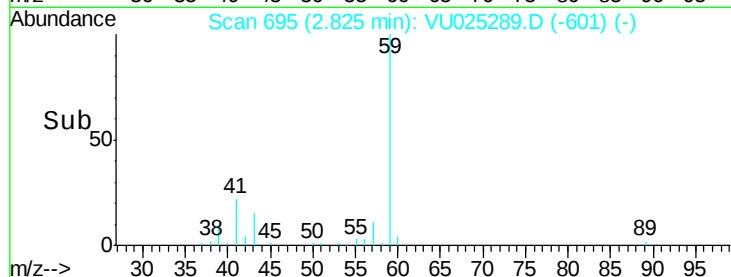
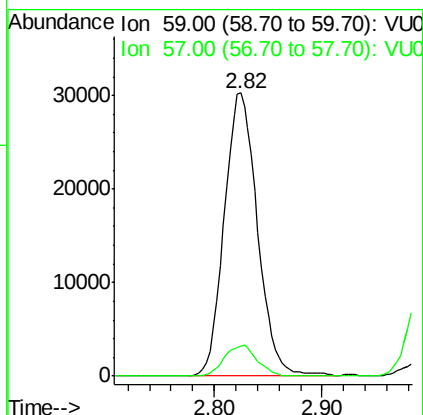
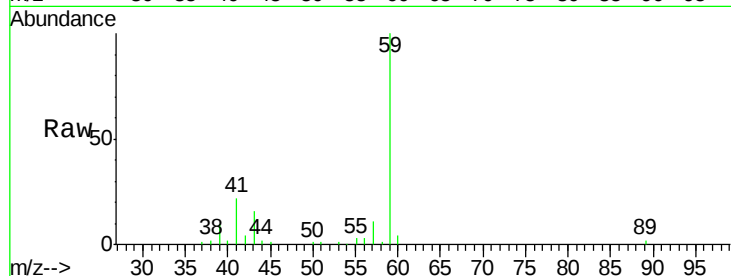


#11

Tert butyl alcohol
 Concen: 101.03 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

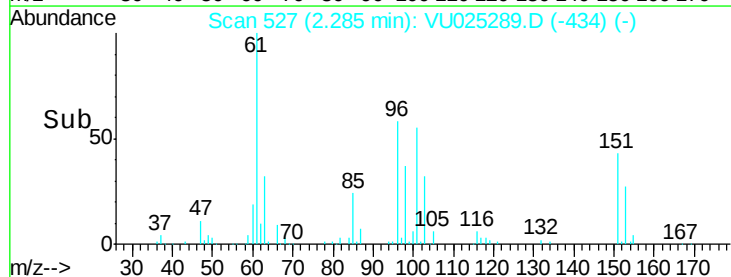
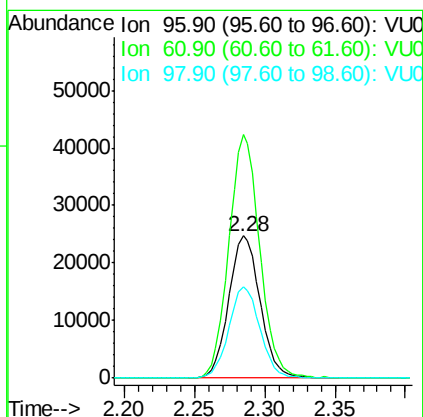
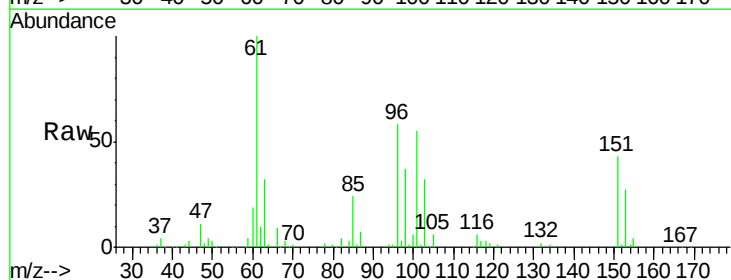
Tot Ion: 59 Resp: 64823
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

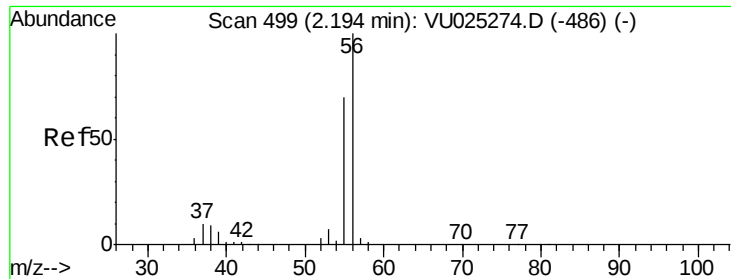


#12

1,1-Dichloroethene
 Concen: 20.04 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 96 Resp: 38459
 Ion Ratio Lower Upper
 96 100
 61 170.9 140.2 210.4
 98 63.8 49.3 73.9

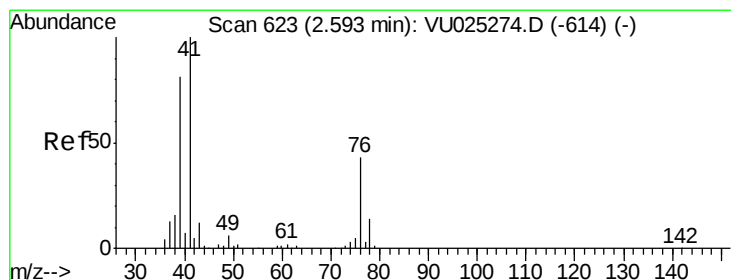
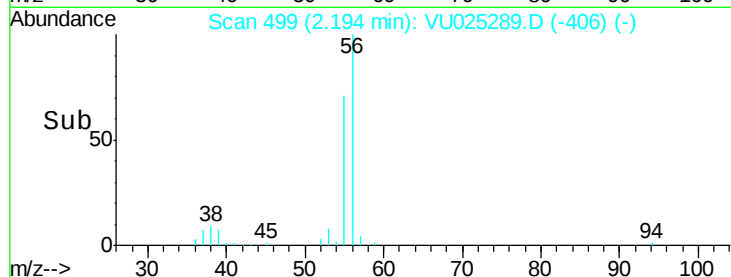
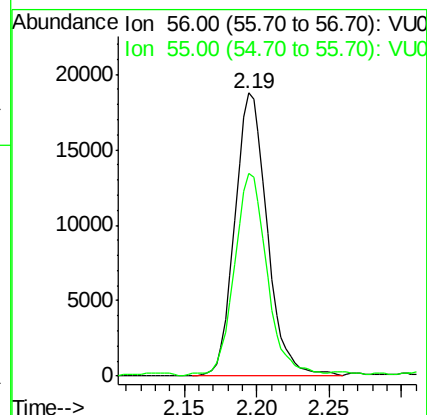
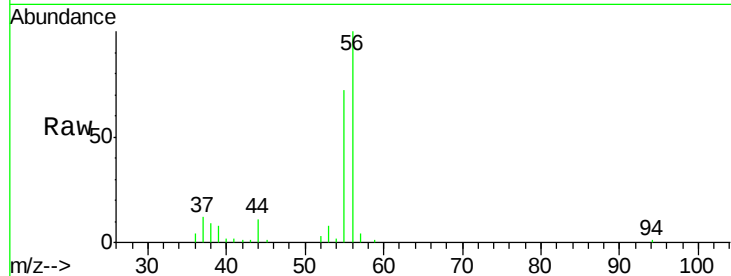




#13
Acrolein
Concen: 68.61 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

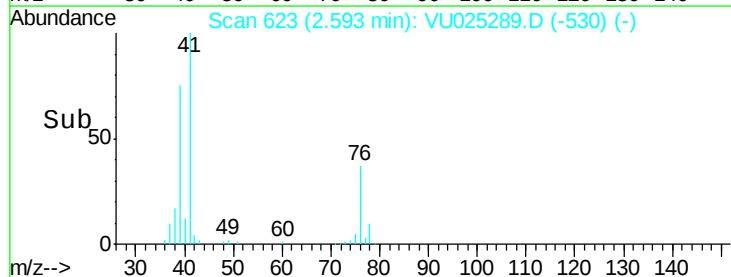
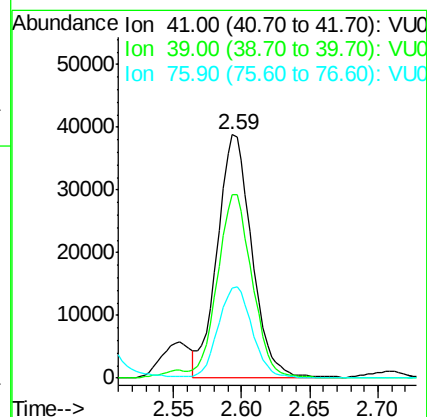
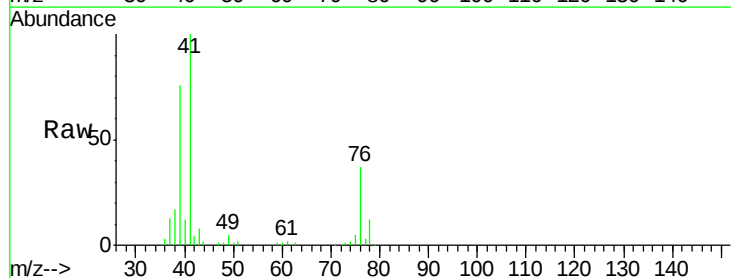
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

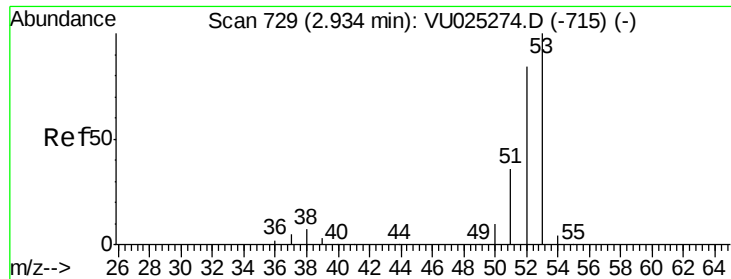
Tot Ion: 56 Resp: 29125
Ion Ratio Lower Upper
56 100
55 72.9 57.2 85.8



#14
Allyl chloride
Concen: 19.48 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 41 Resp: 67797
Ion Ratio Lower Upper
41 100
39 75.7 60.6 91.0
76 37.2 30.5 45.7





#15

Acrylonitrile

Concen: 104.66 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

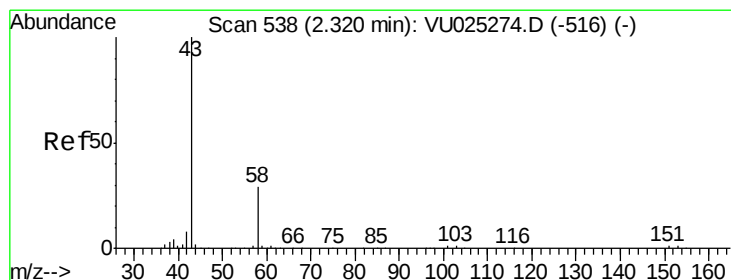
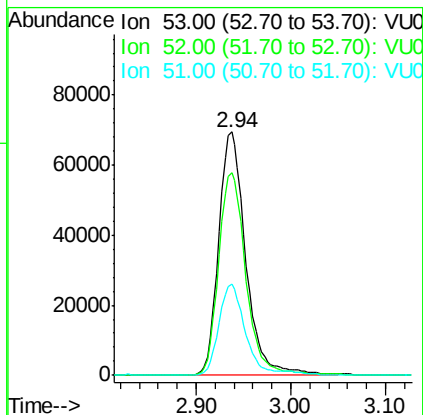
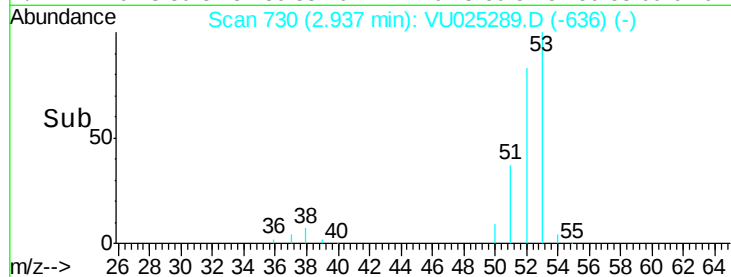
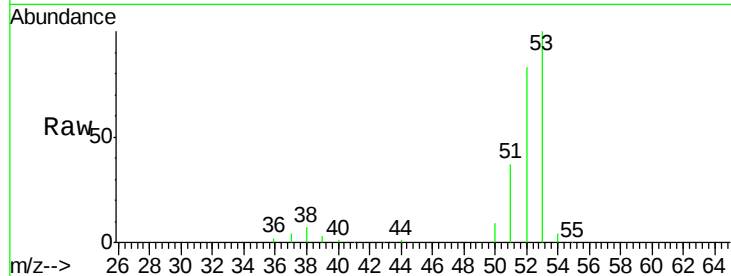
Tot Ion: 53 Resp: 138069

Ion Ratio Lower Upper

53 100

52 83.9 66.6 99.8

51 35.8 29.4 44.2



#16

Acetone

Concen: 101.74 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025289.D

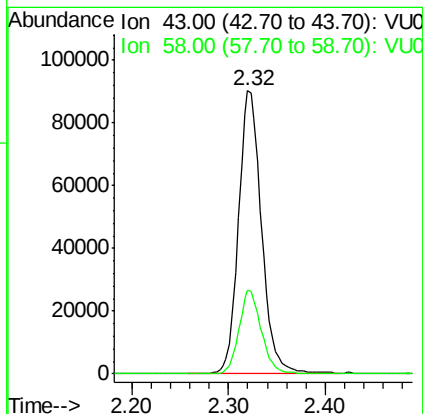
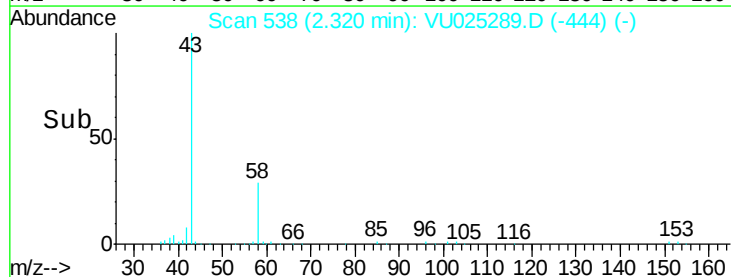
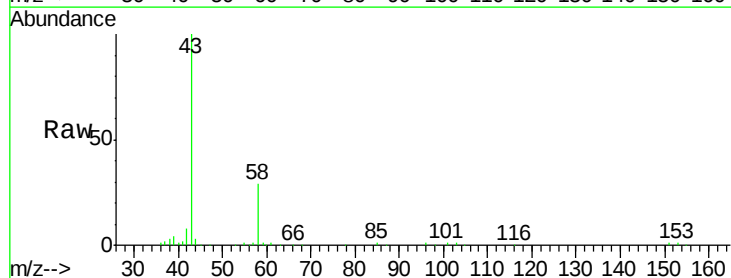
Acq: 10 Jul 2018 15:15

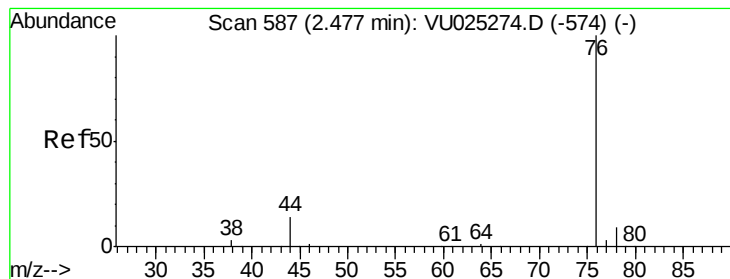
Tgt Ion: 43 Resp: 148272

Ion Ratio Lower Upper

43 100

58 29.5 23.1 34.7





#17

Carbon Disulfide

Concen: 19.36 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

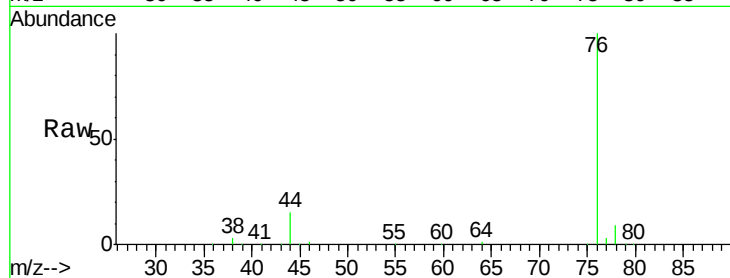
VU0710WBS01

Tot Ion: 76 Resp: 101681

Ion Ratio Lower Upper

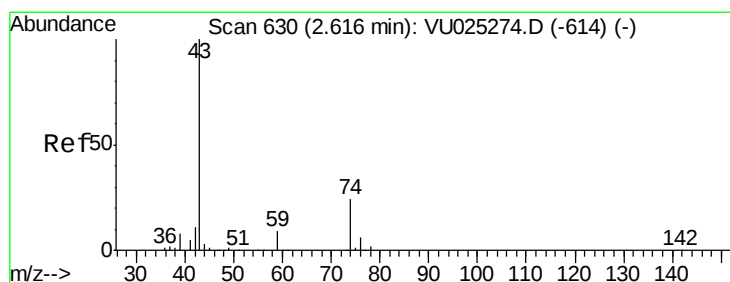
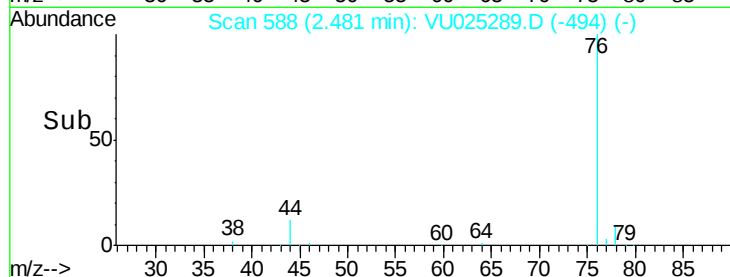
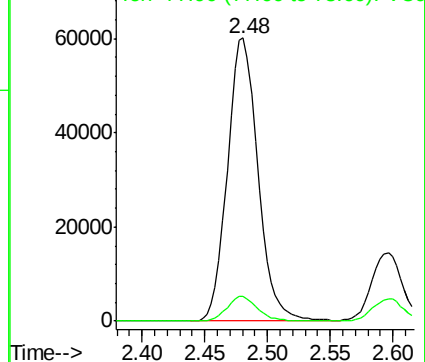
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 22.48 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025289.D

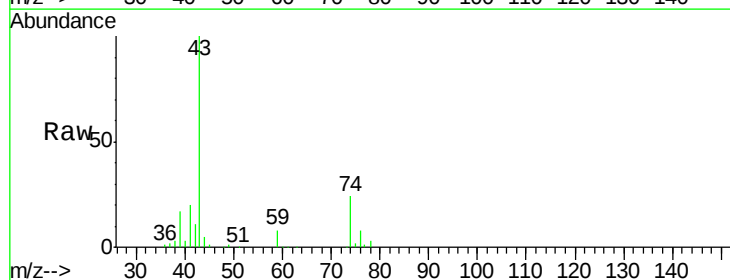
Acq: 10 Jul 2018 15:15

Tgt Ion: 43 Resp: 67710

Ion Ratio Lower Upper

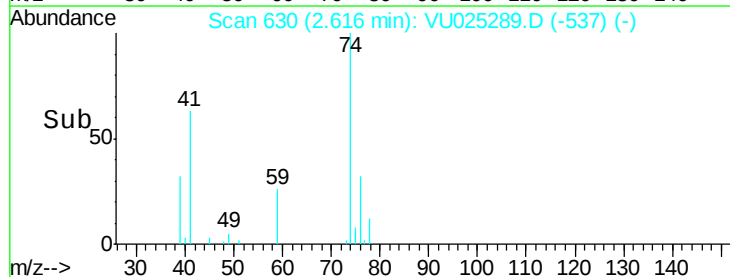
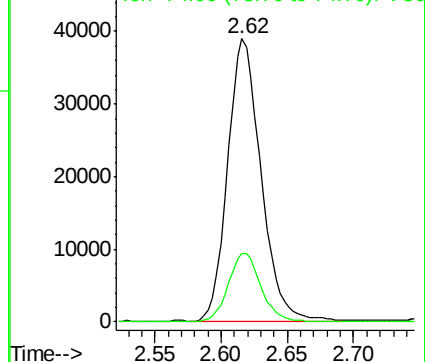
43 100

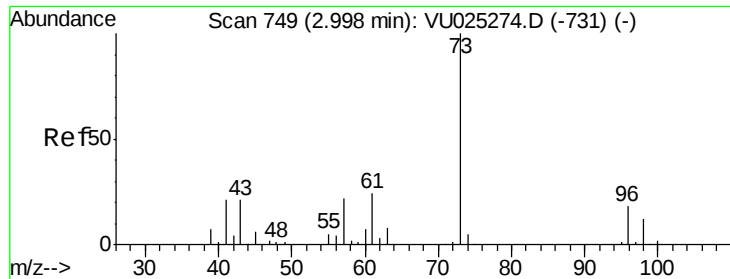
74 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

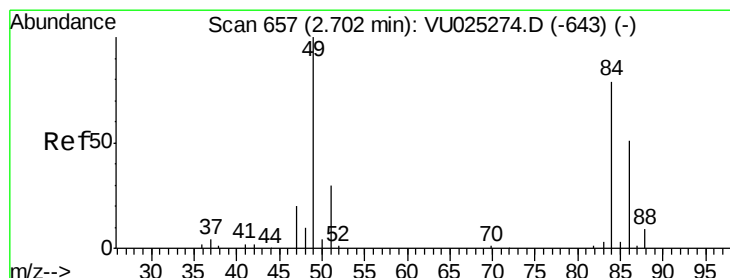
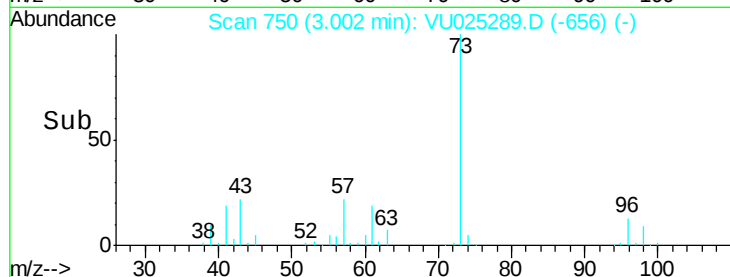
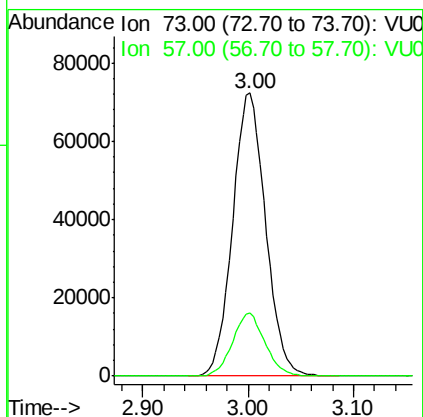
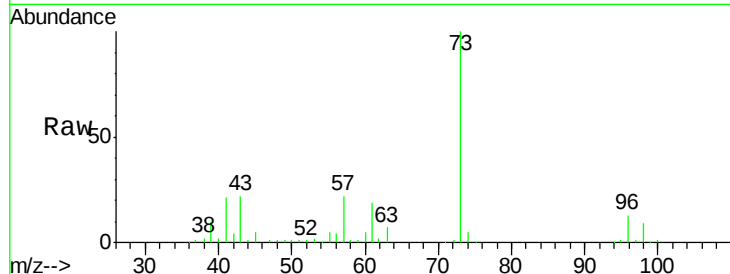




#19
Methvl tert-butvl Ether
Concen: 21.48 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

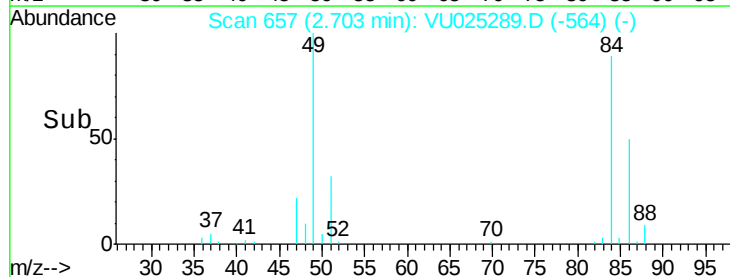
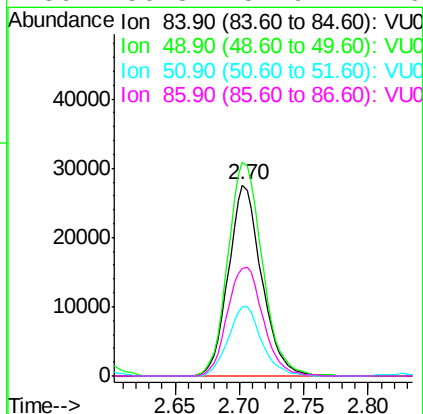
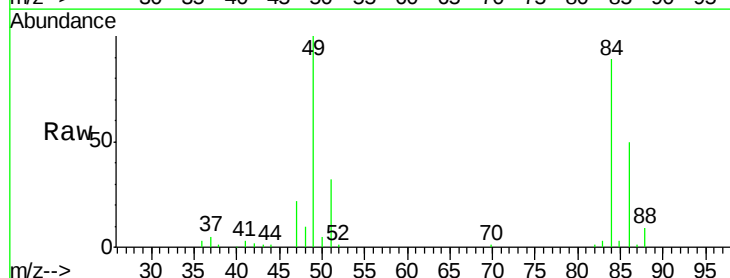
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

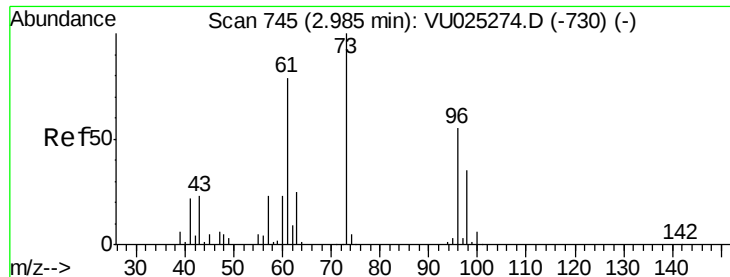
Tot Ion: 73 Resp: 156784
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2



#20
Methylene Chloride
Concen: 22.07 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 84 Resp: 49316
Ion Ratio Lower Upper
84 100
49 111.9 101.8 152.6
51 36.1 30.8 46.2
86 56.3 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.17 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

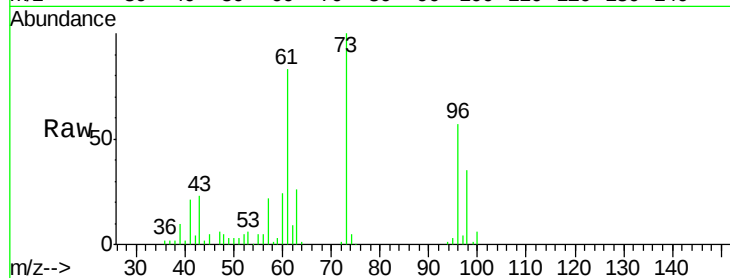
Tot Ion: 96 Resp: 42042

Ion Ratio Lower Upper

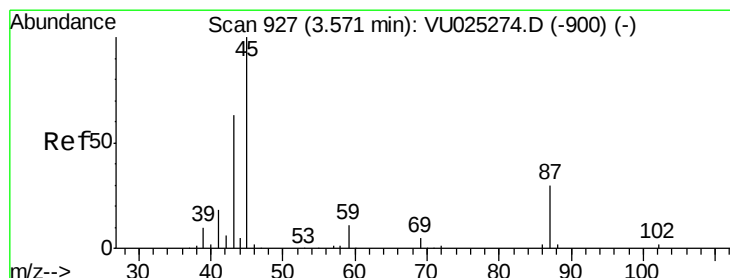
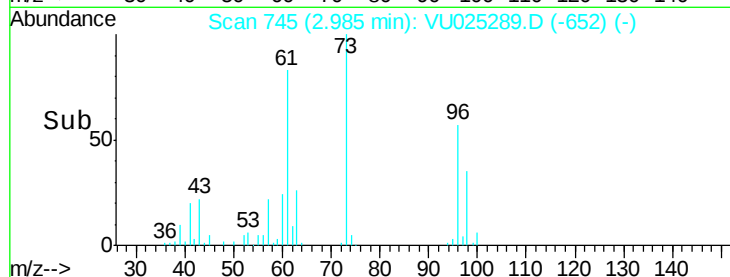
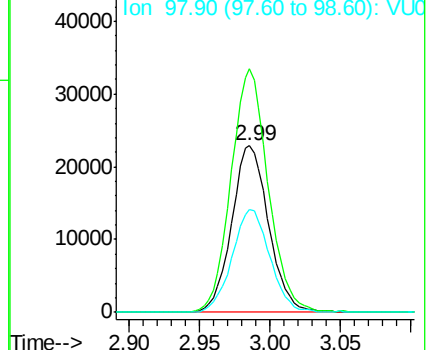
96 100

61 145.5 114.5 171.7

98 61.9 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: 21.15 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Tgt Ion: 45 Resp: 150295

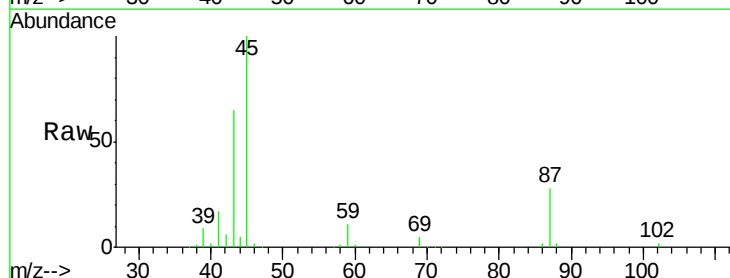
Ion Ratio Lower Upper

45 100

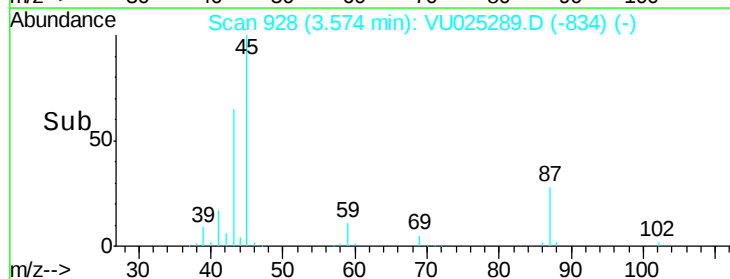
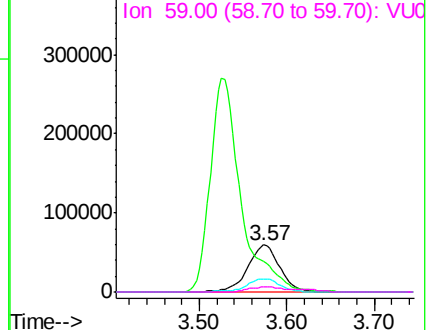
43 63.4 50.9 76.3

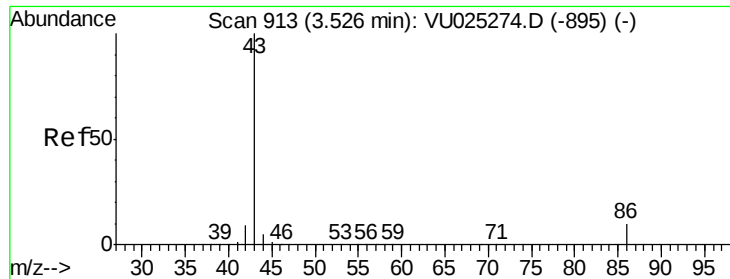
87 28.2 23.8 35.8

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: 106.07 ug/l

RT: 3.53 min Scan# 913

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

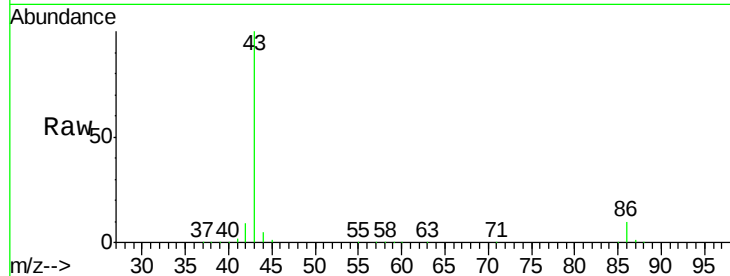
VU0710WBS01

Tot Ion: 43 Resp: 661338

Ion Ratio Lower Upper

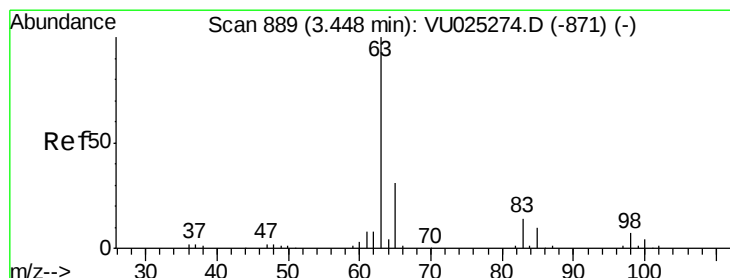
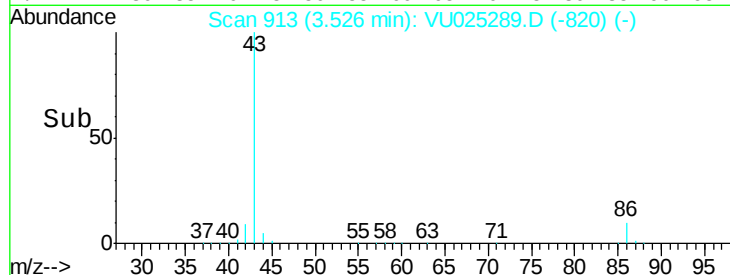
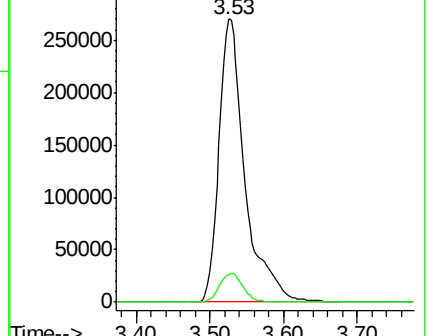
43 100

86 9.7 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: 21.43 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

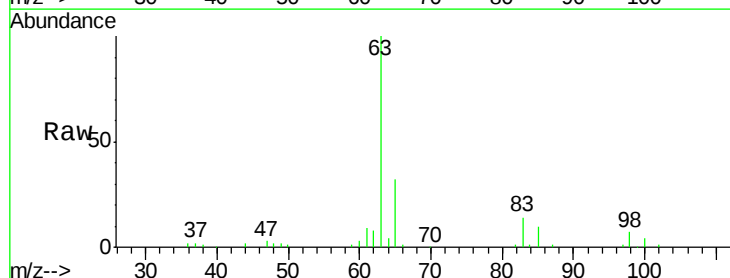
Tgt Ion: 63 Resp: 85909

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

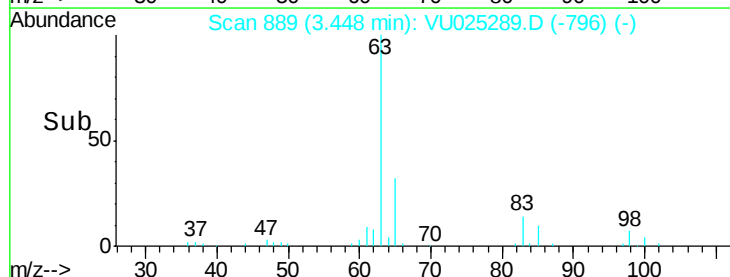
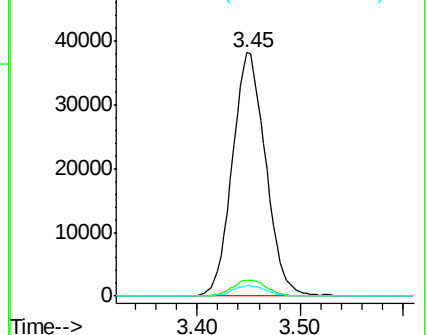
100 4.3 2.0 6.0

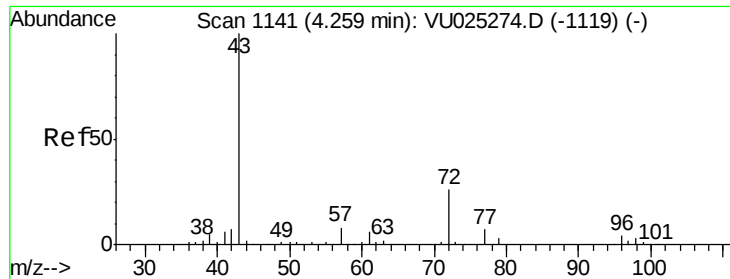


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 102.26 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

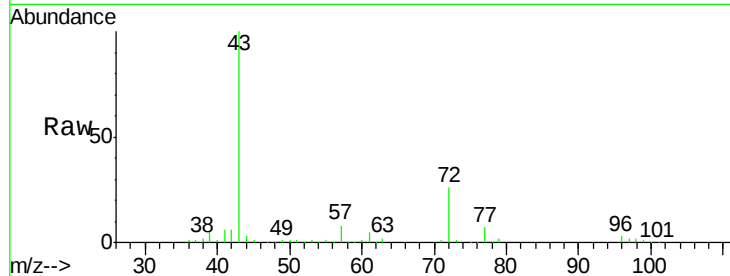
VU0710WBS01

Tot Ion: 43 Resp: 208471

Ion Ratio Lower Upper

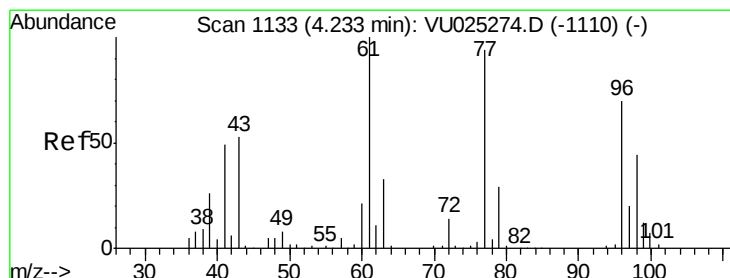
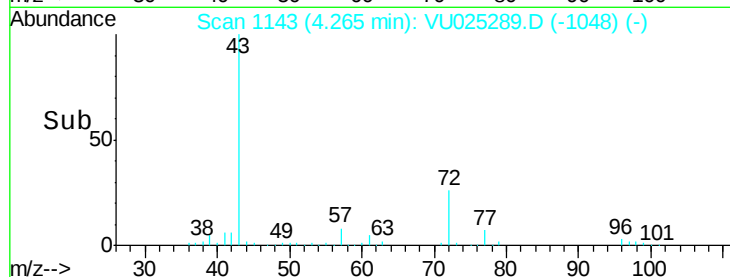
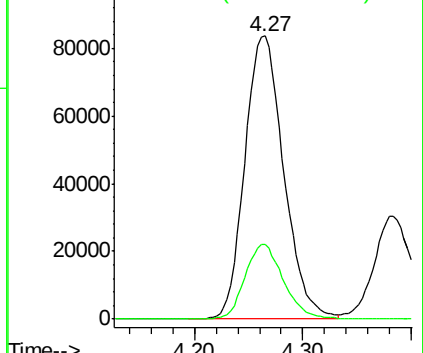
43 100

72 26.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 20.72 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025289.D

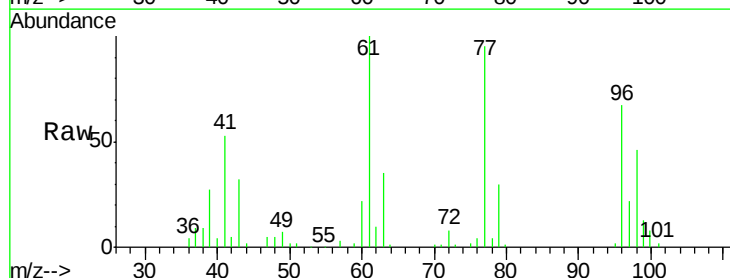
Acq: 10 Jul 2018 15:15

Tgt Ion: 77 Resp: 79848

Ion Ratio Lower Upper

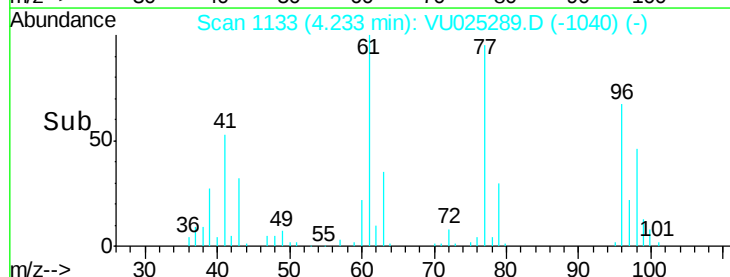
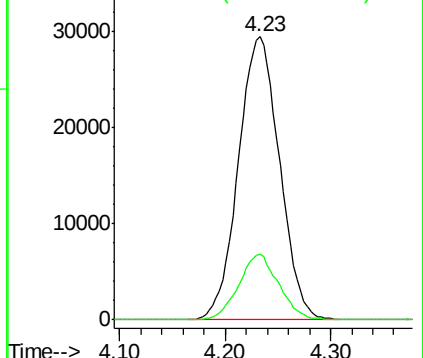
77 100

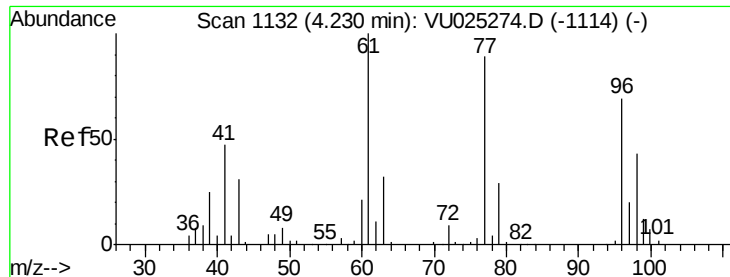
97 22.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

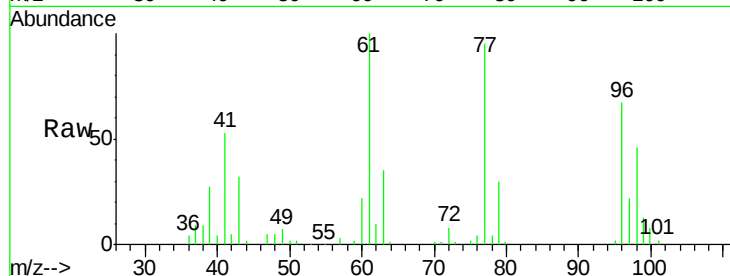




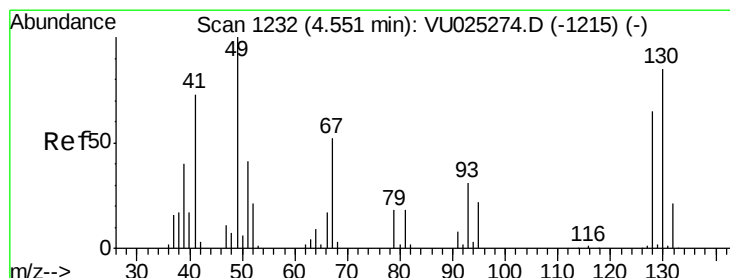
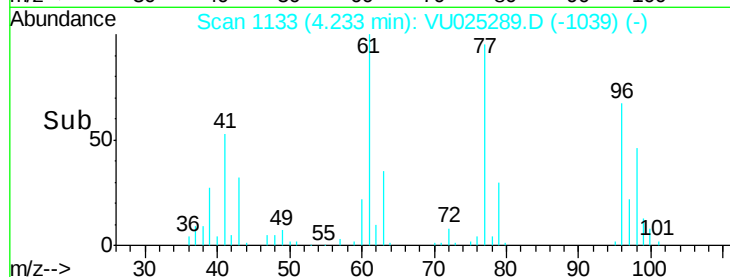
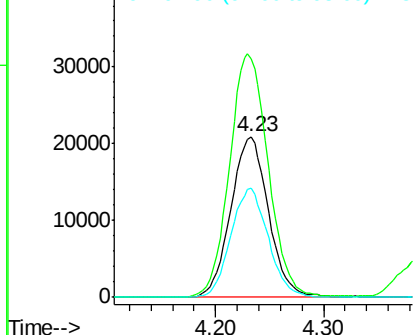
#27
 cis-1,2-Dichloroethene
 Concen: 20.02 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion: 96 Resp: 50792
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 299.8
 98 67.5 0.0 128.6

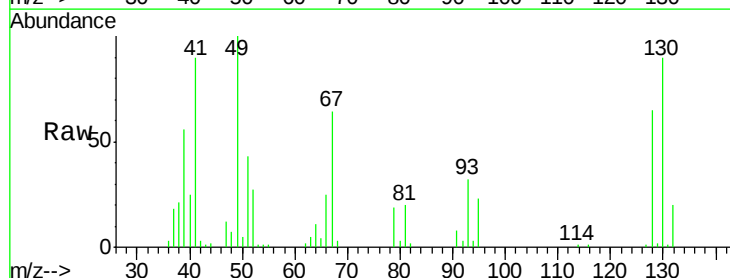


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

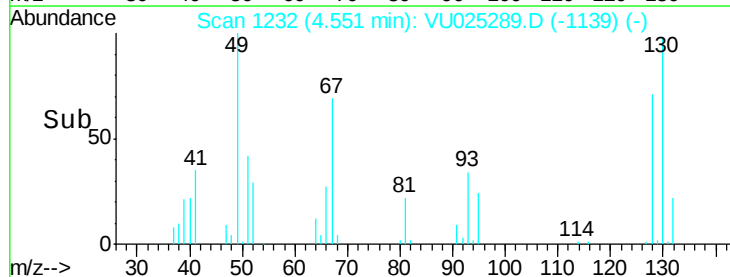
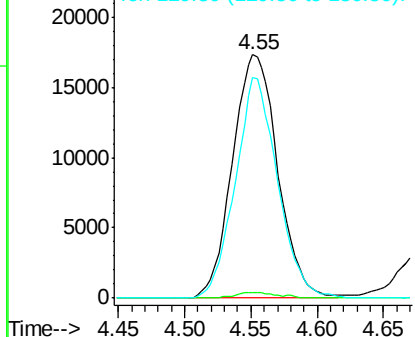


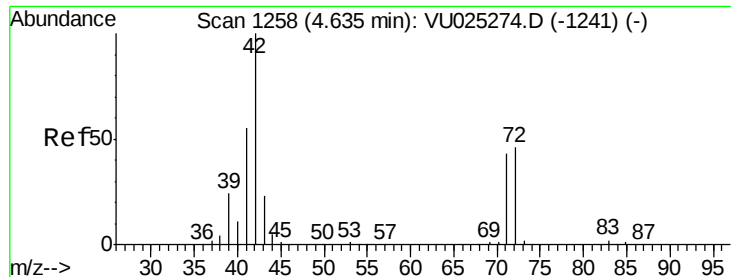
#28
 Bromochloromethane
 Concen: 21.23 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 49 Resp: 41093
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.8 68.6 102.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

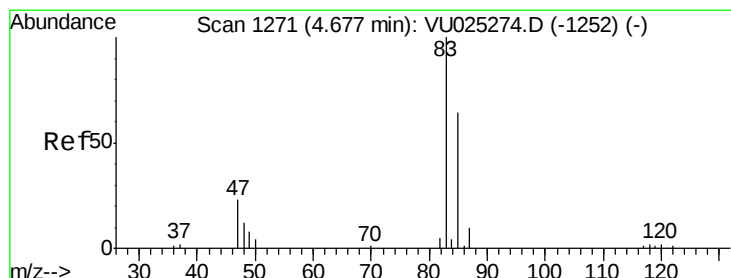
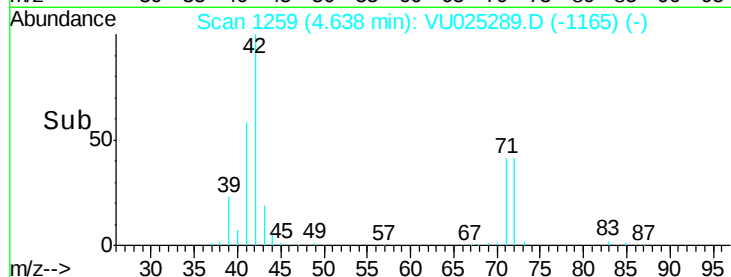
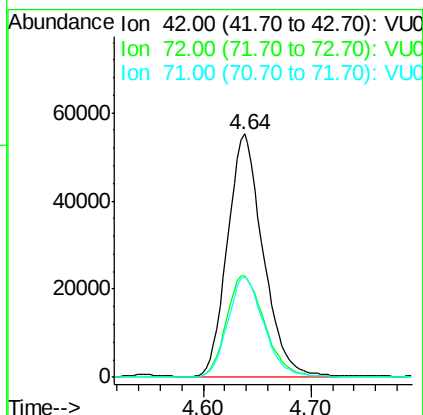
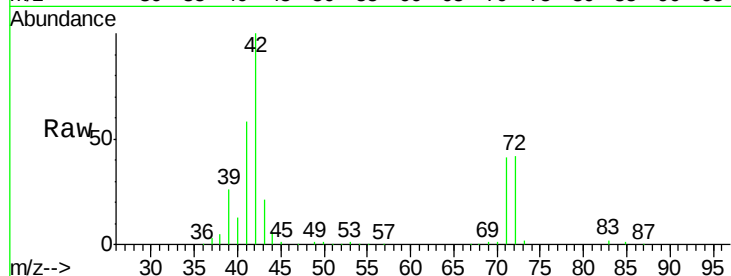




#29
Tetrahydrofuran
Concen: 103.47 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

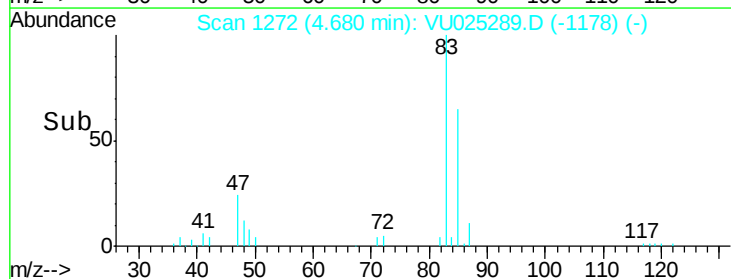
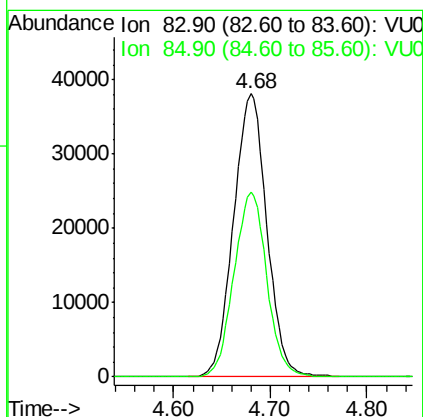
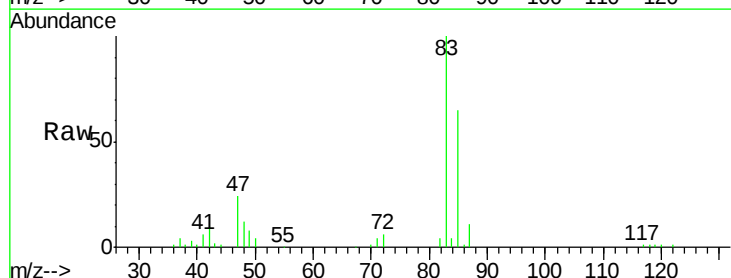
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

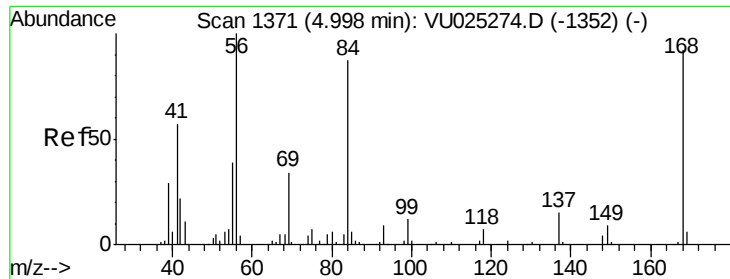
Tot Ion: 42 Resp: 126524
Ion Ratio Lower Upper
42 100
72 45.3 36.7 55.1
71 42.2 33.9 50.9



#30
Chloroform
Concen: 21.43 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 83 Resp: 90949
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3

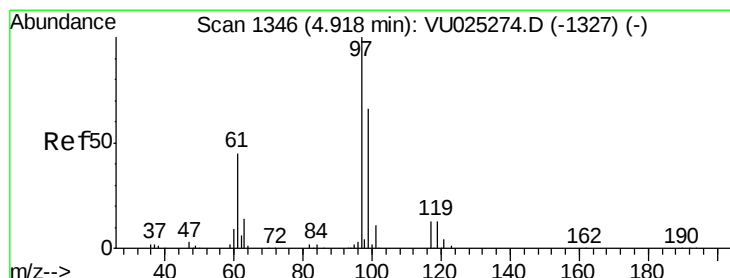
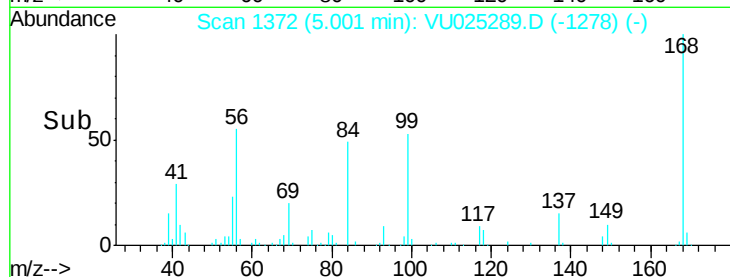
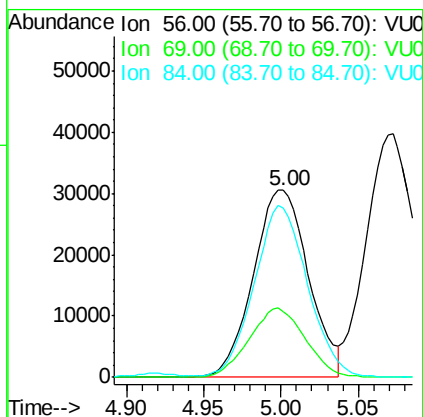
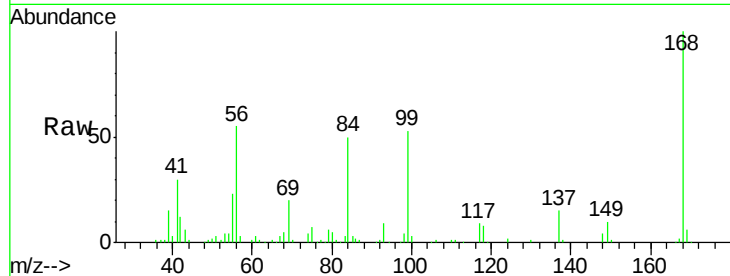




#31
Cyclohexane
Concen: 20.90 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

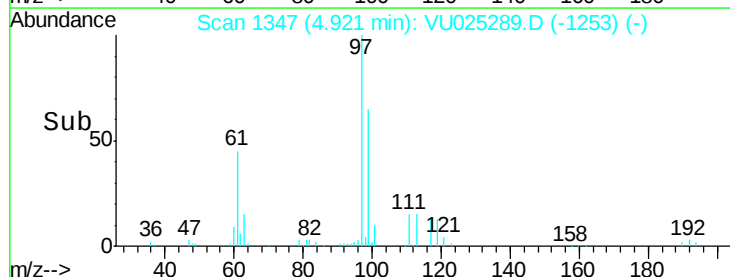
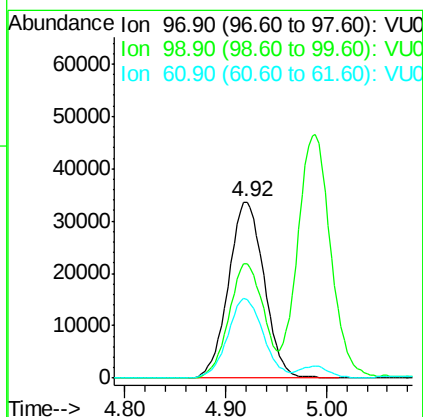
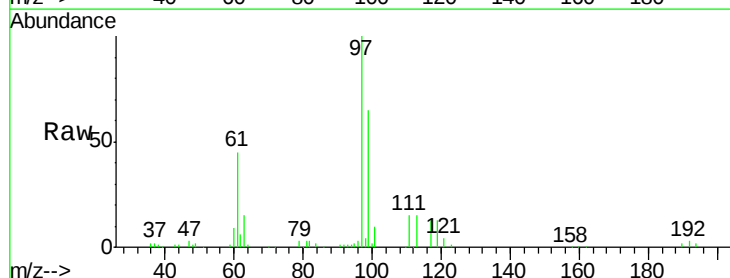
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

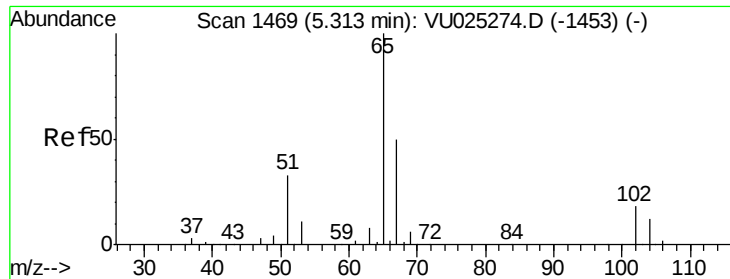
Tot Ion: 56 Resp: 75999
Ion Ratio Lower Upper
56 100
69 35.4 26.8 40.2
84 89.7 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 21.46 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 97 Resp: 82548
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 45.2 35.2 52.8

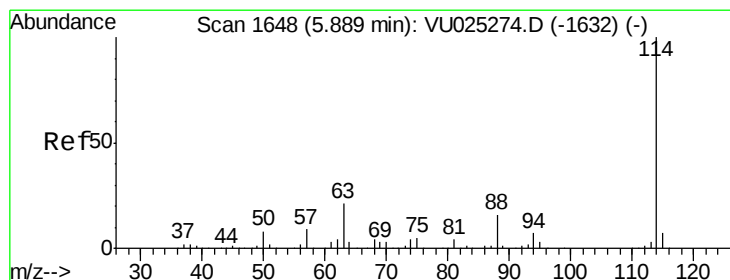
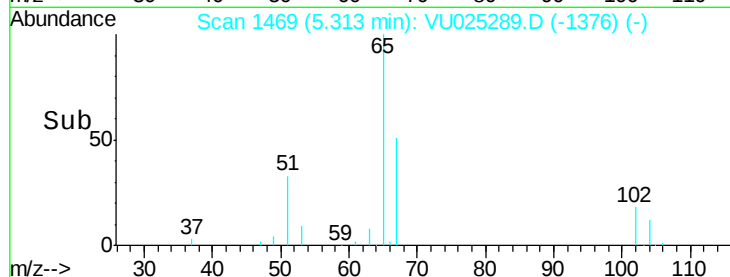
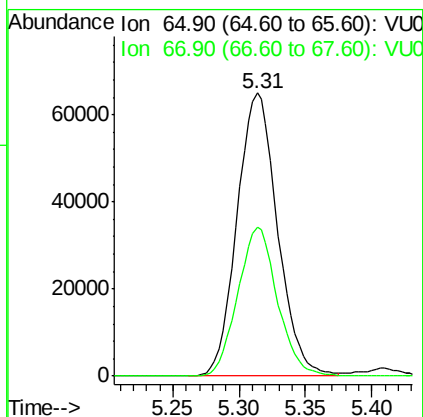
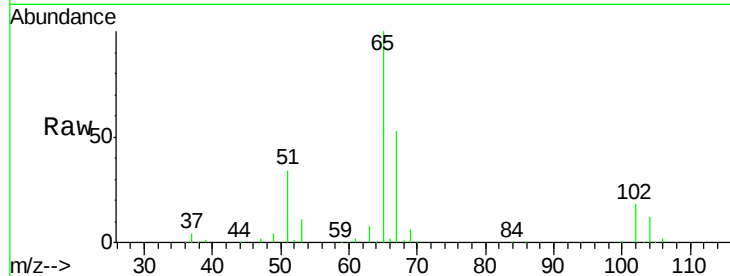




#33
 1,2-Dichloroethane-d4
 Concen: 46.93 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

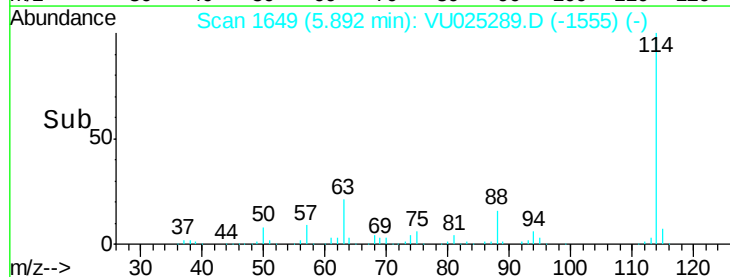
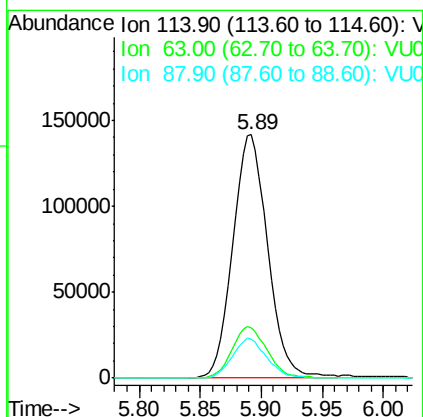
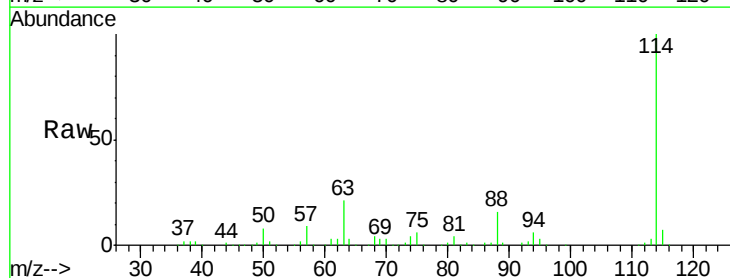
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

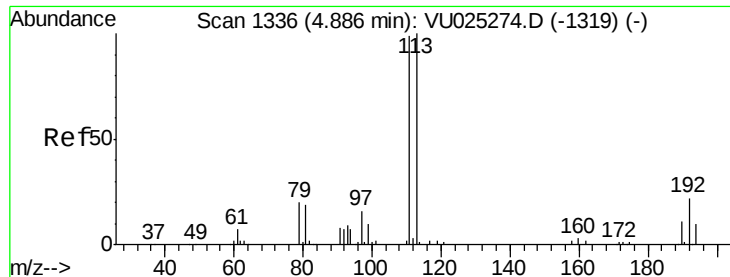
Tot Ion: 65 Resp: 138020
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 114 Resp: 281459
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 16.1 0.0 32.4

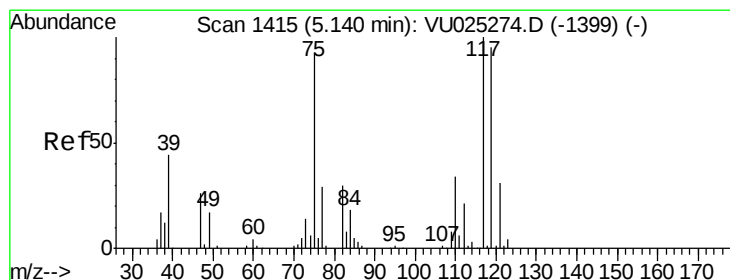
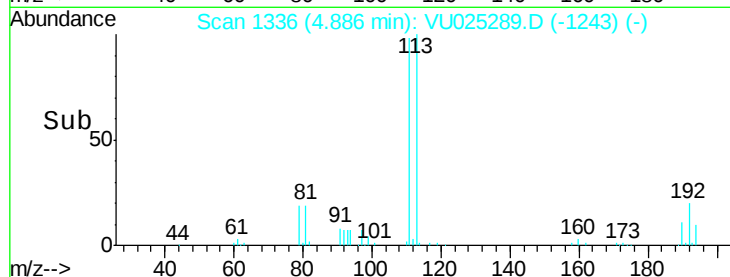
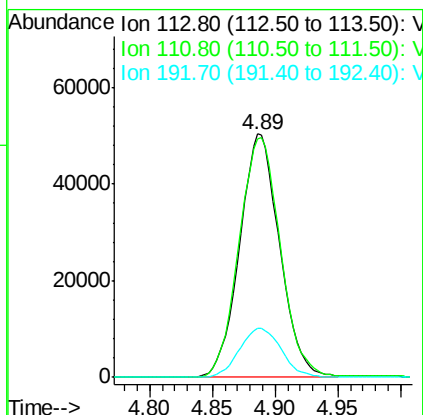
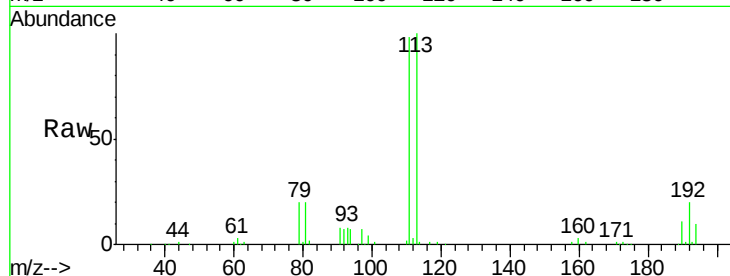




#35
 Dibromofluoromethane
 Concen: 47.07 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

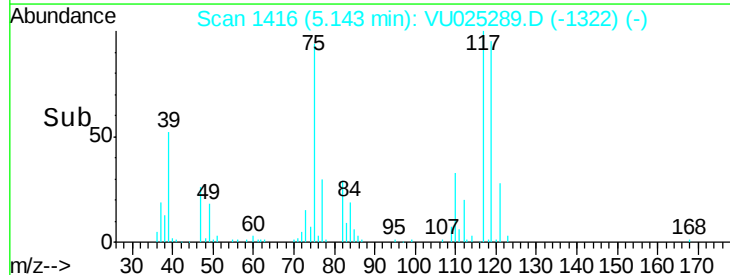
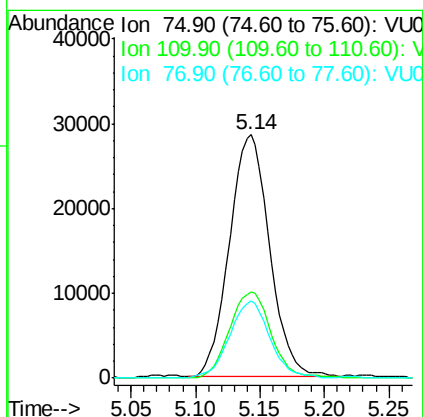
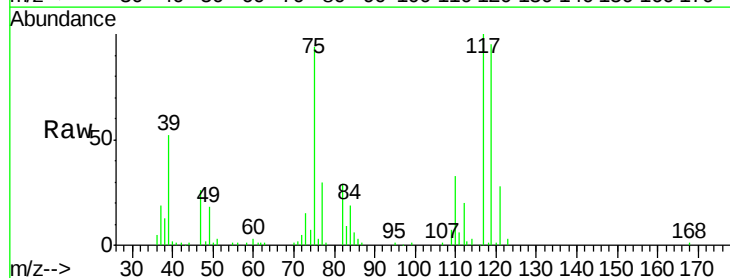
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

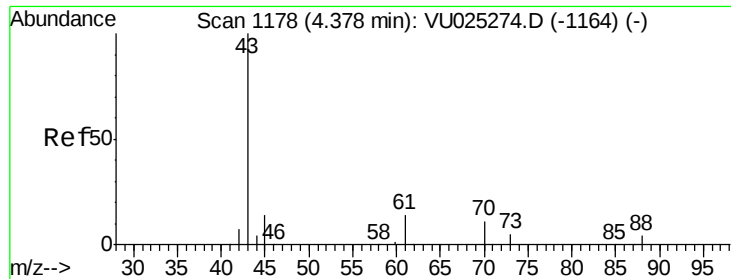
Tot Ion:113 Resp: 111756
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 21.1 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 19.71 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 75 Resp: 61682
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.6 52.9
 77 32.0 24.4 36.6

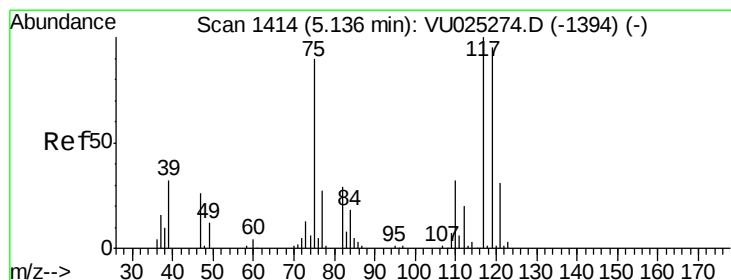
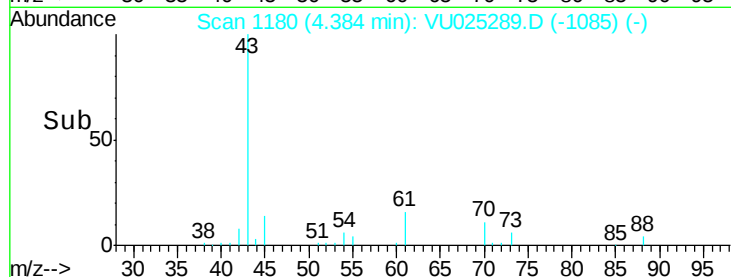
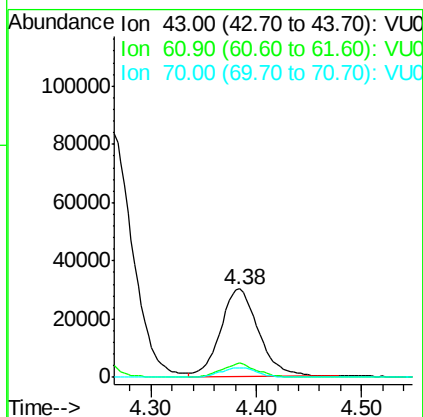
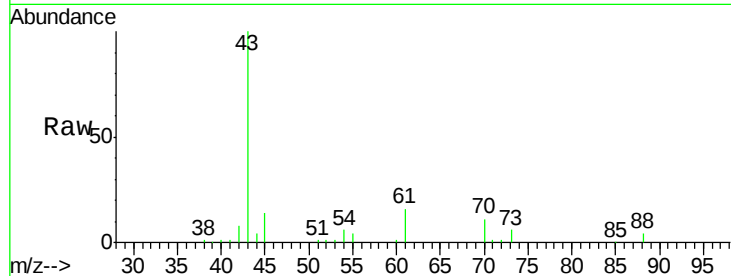




#37
Ethyl Acetate
Concen: 21.39 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

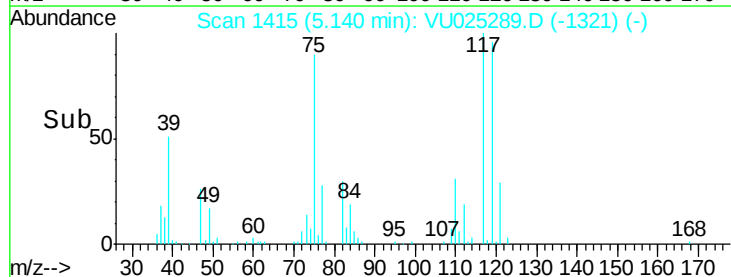
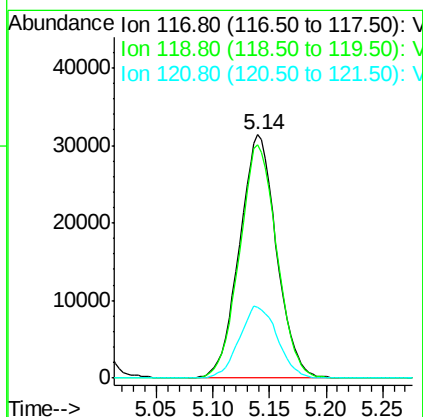
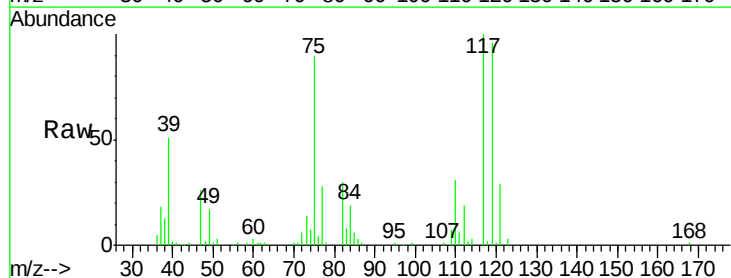
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

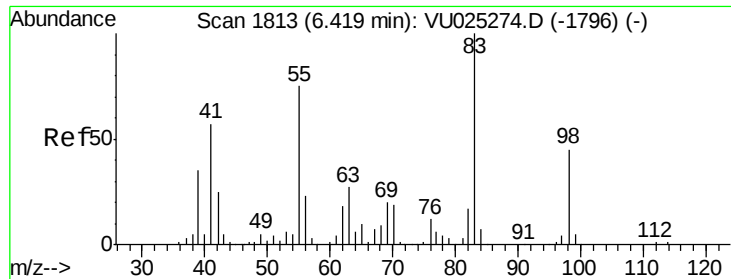
Tot Ion: 43 Resp: 74631
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 21.18 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 117 Resp: 71344
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5
121 29.3 24.6 36.8

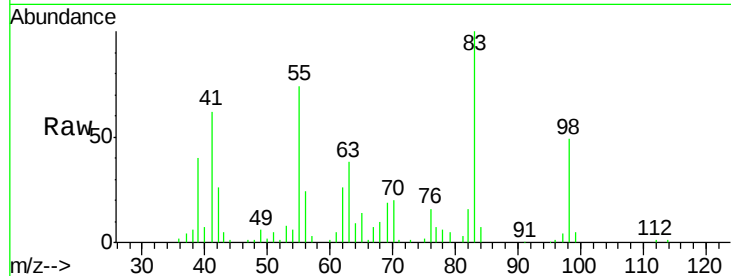




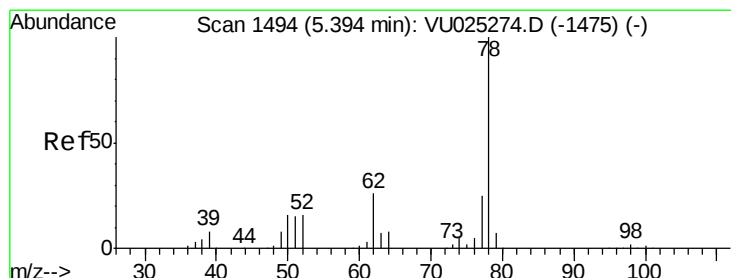
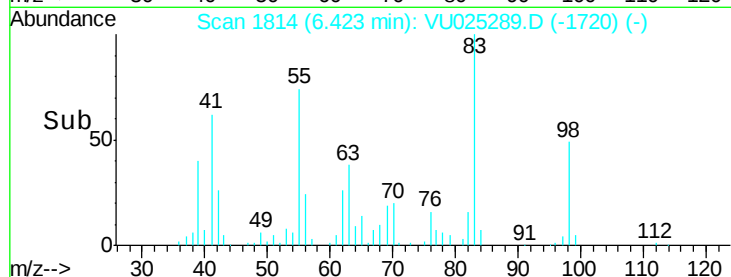
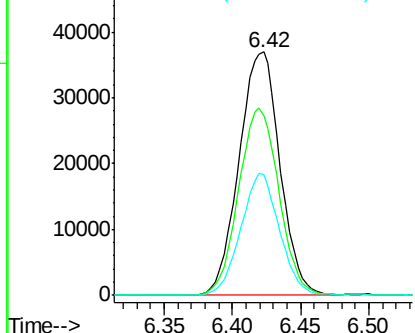
#39
Methvlcvclohexane
Concen: 19.74 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 83 Resp: 77046
Ion Ratio Lower Upper
83 100
55 73.9 60.0 90.0
98 49.4 36.1 54.1

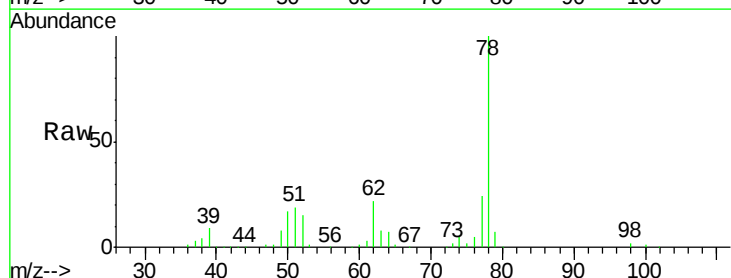


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

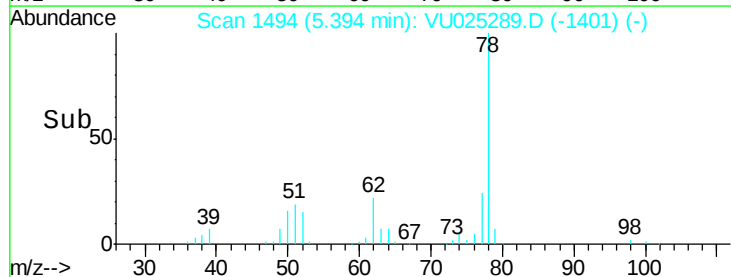
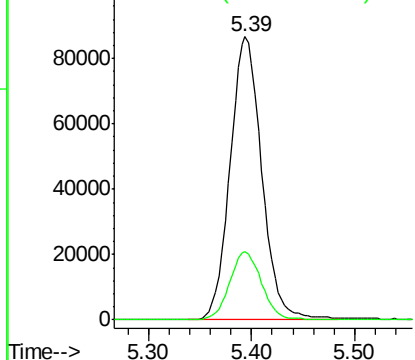


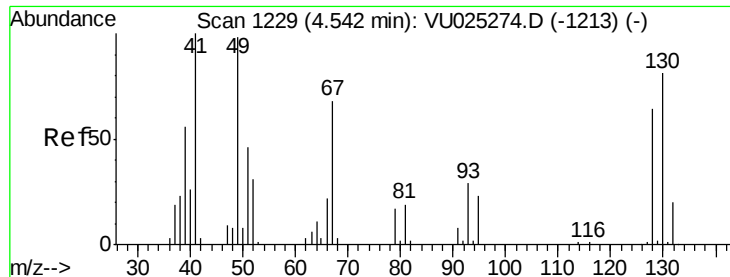
#40
Benzene
Concen: 20.60 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 78 Resp: 185761
Ion Ratio Lower Upper
78 100
77 24.1 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

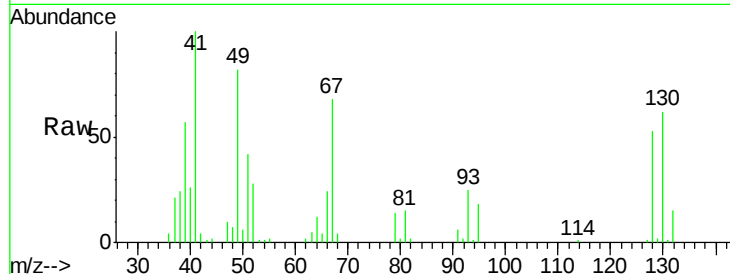




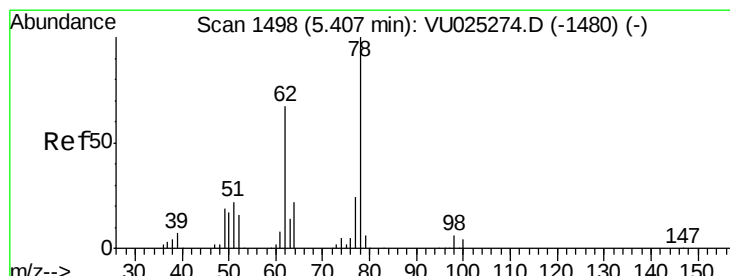
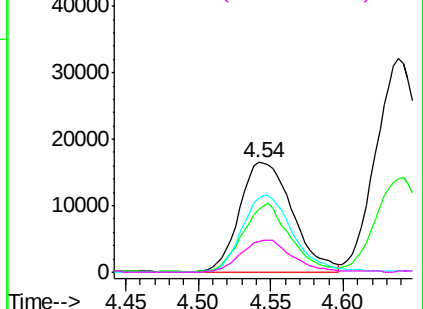
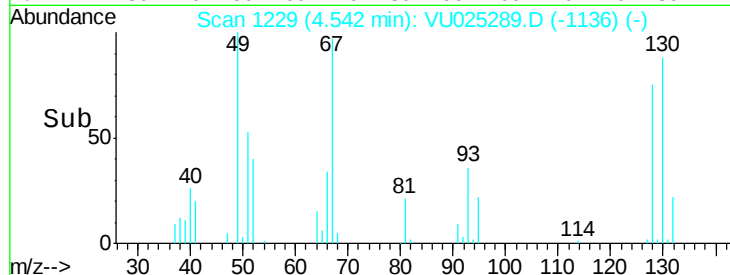
#41
Methacrylonitrile
Concen: 21.76 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion:	41	Resp:	42104
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.4	66.6
67	67.0	56.0	84.0
52	29.0	24.6	36.8

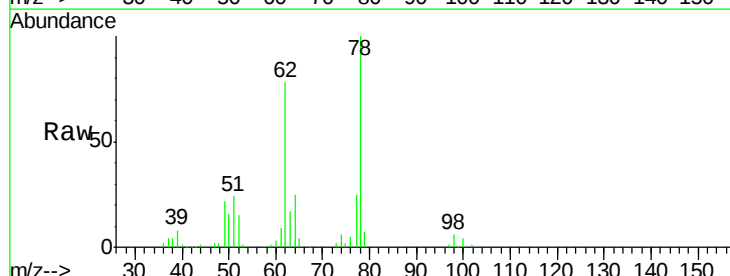


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

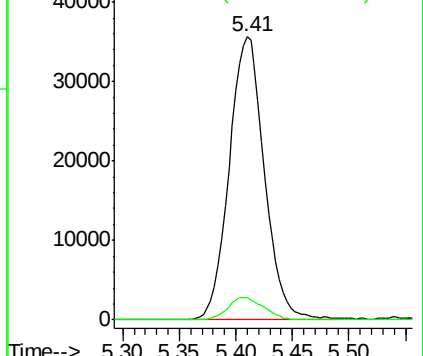
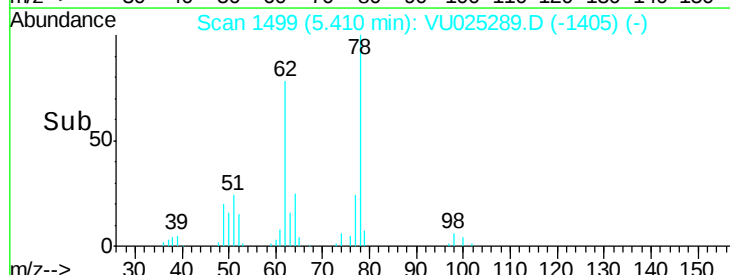


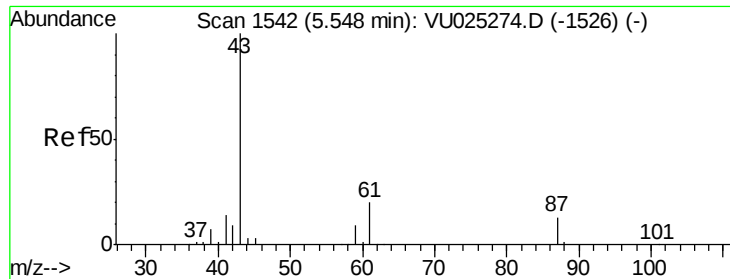
#42
1,2-Dichloroethane
Concen: 21.48 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion:	62	Resp:	77011
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

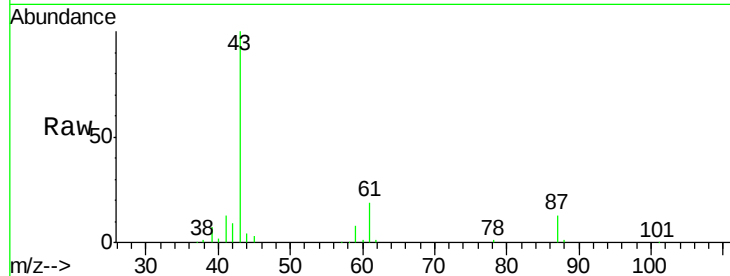




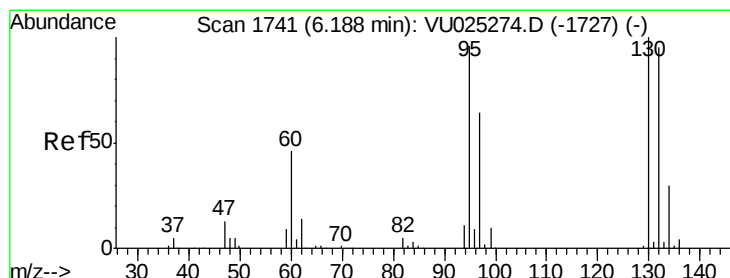
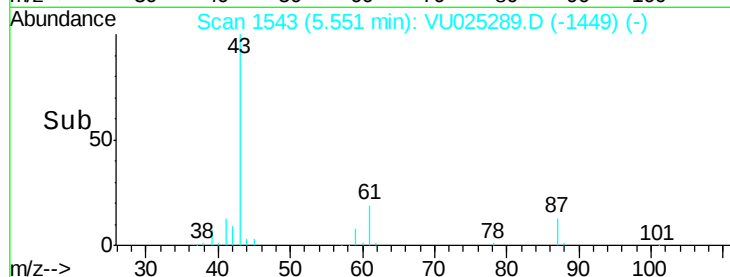
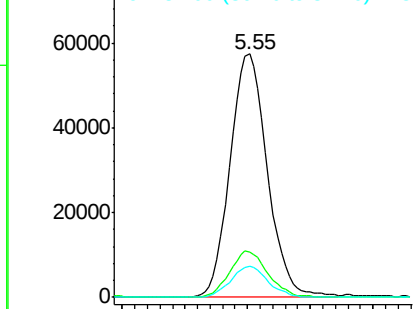
#43
Isopropyl Acetate
Concen: 21.16 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 43 Resp: 118258
Ion Ratio Lower Upper
43 100
61 19.5 15.5 23.3
87 13.0 10.6 16.0

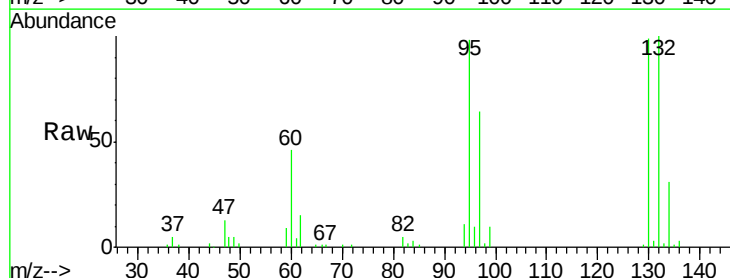


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

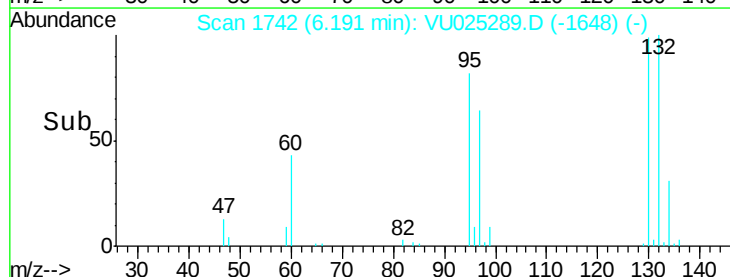
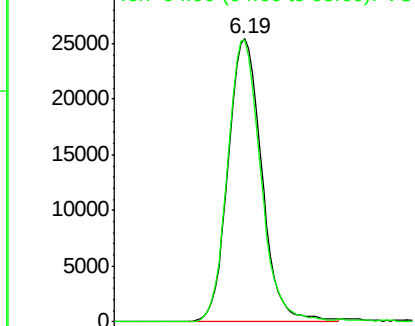


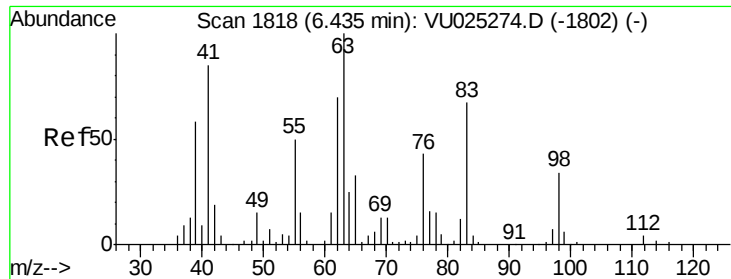
#44
Trichloroethene
Concen: 19.69 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion:130 Resp: 50970
Ion Ratio Lower Upper
130 100
95 99.5 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

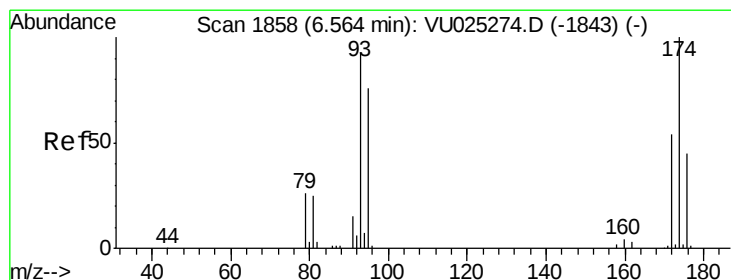
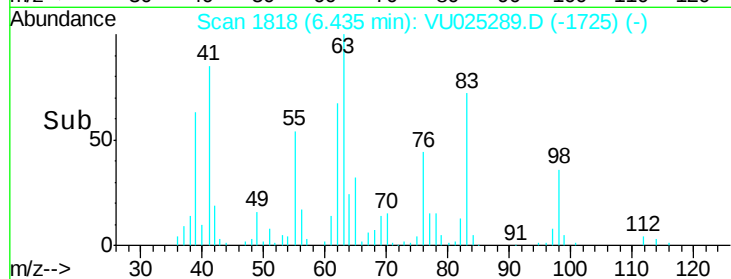
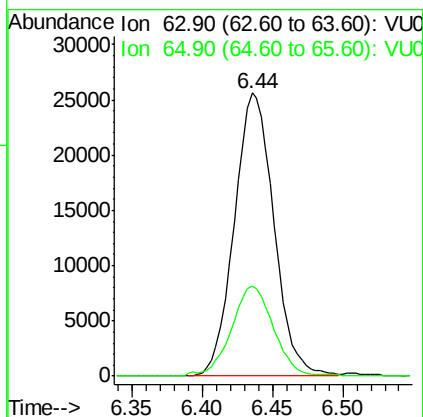
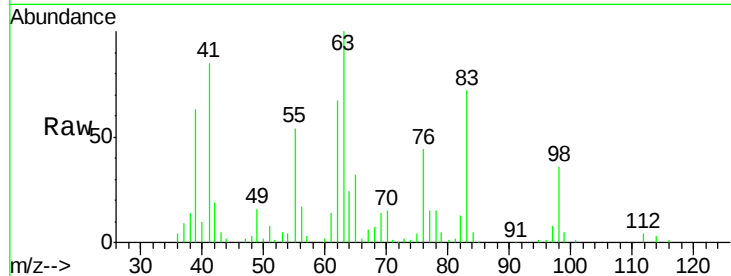




#45
 1,2-Dichloropropane
 Concen: 21.34 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

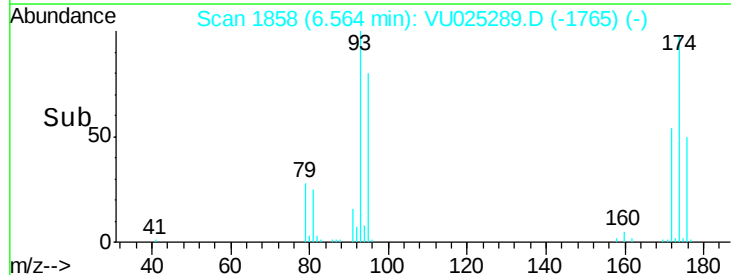
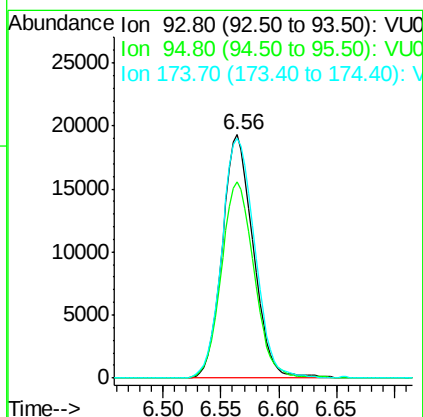
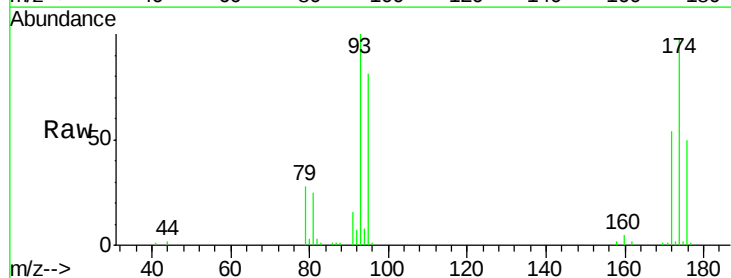
Instrument :
 MSVOA_U
 ClientSampled :
 VU0710WBS01

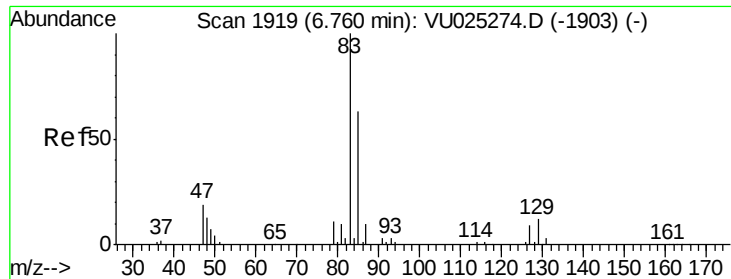
Tot Ion: 63 Resp: 50393
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.1 39.1



#46
 Dibromomethane
 Concen: 20.90 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 93 Resp: 35923
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.6 100.0
 174 104.6 85.8 128.8





#47

Bromodichloromethane

Concen: 21.51 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

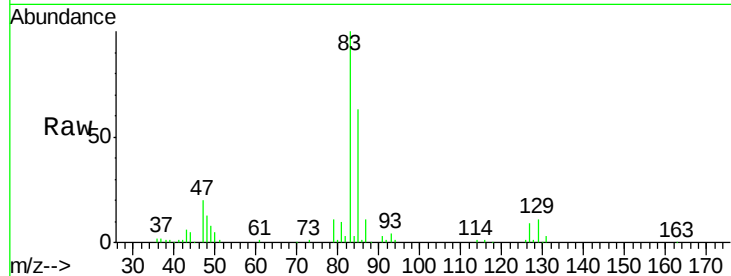
Tot Ion: 83 Resp: 68691

Ion Ratio Lower Upper

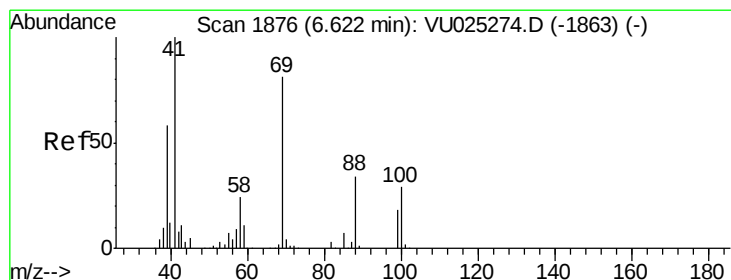
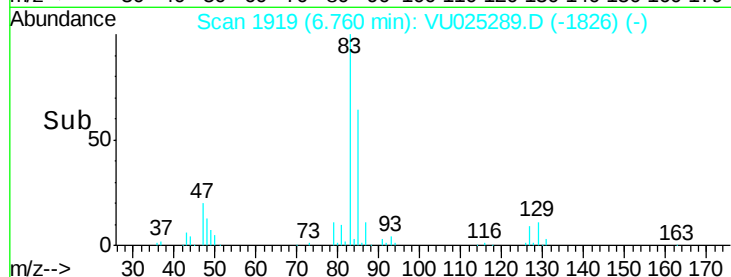
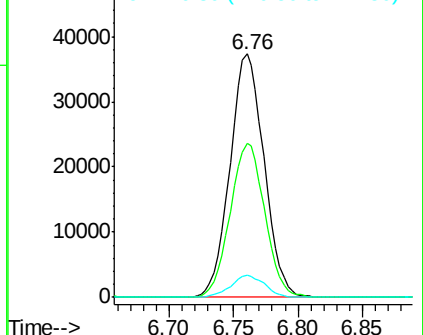
83 100

85 63.1 50.2 75.4

127 9.1 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: 20.73 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

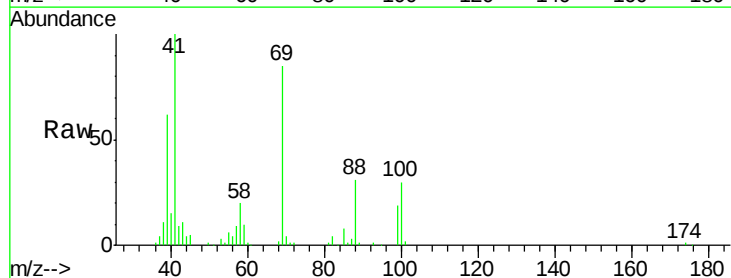
Tgt Ion: 41 Resp: 57757

Ion Ratio Lower Upper

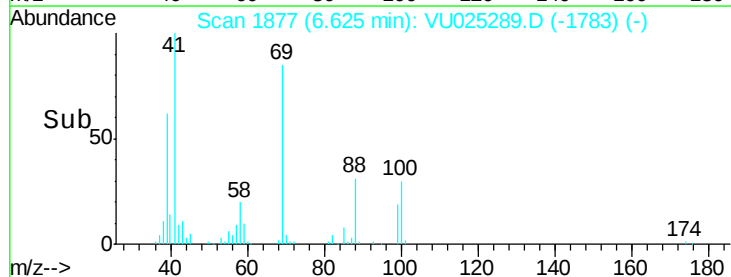
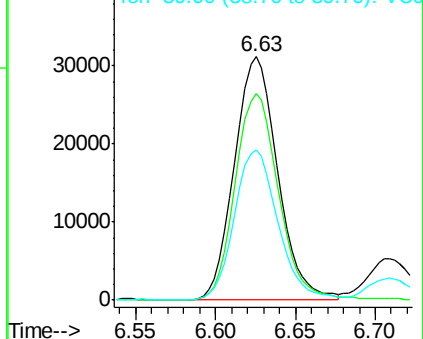
41 100

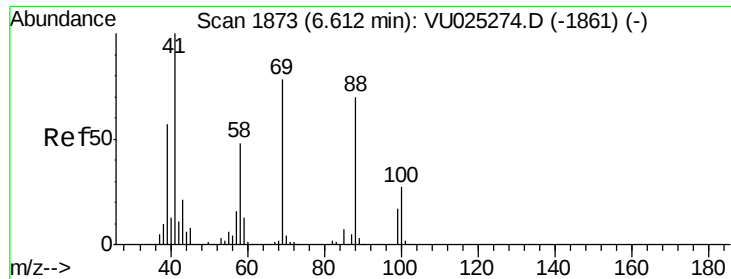
69 85.3 65.0 97.4

39 62.1 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

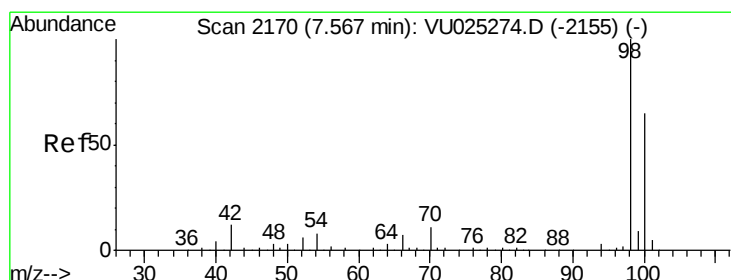
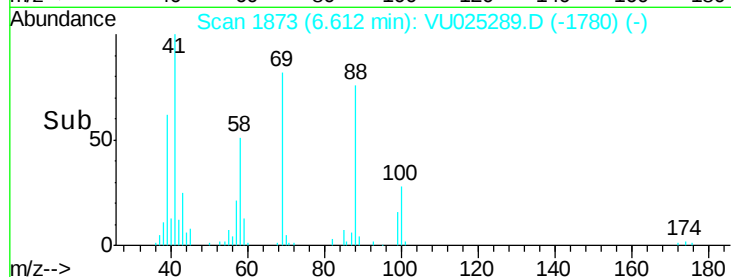
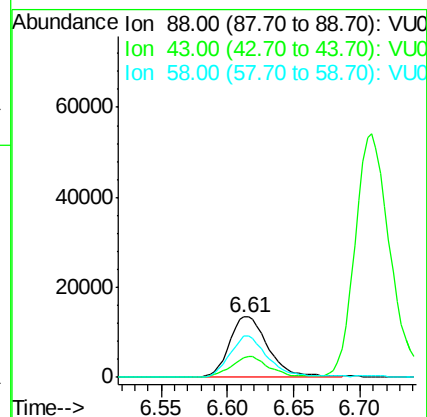
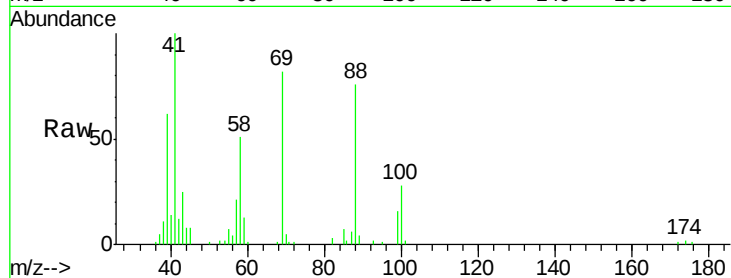




#49
1,4-Dioxane
Concen: 410.70 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

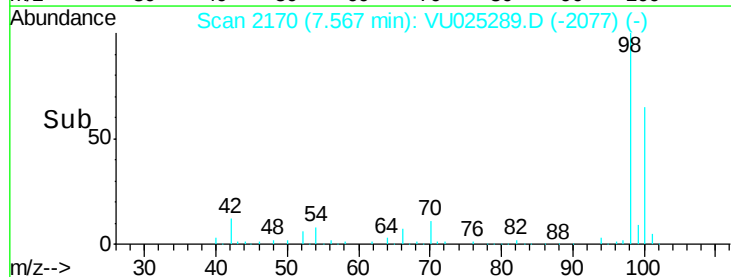
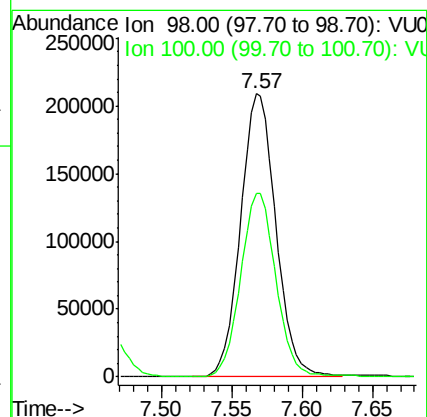
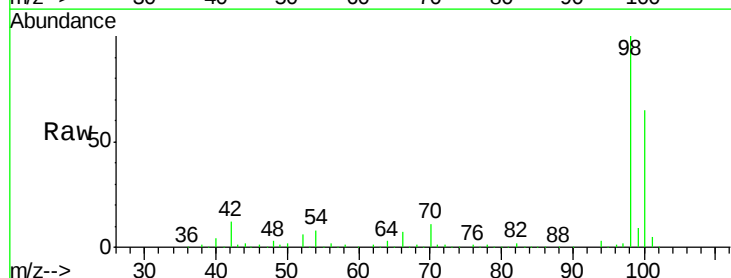
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

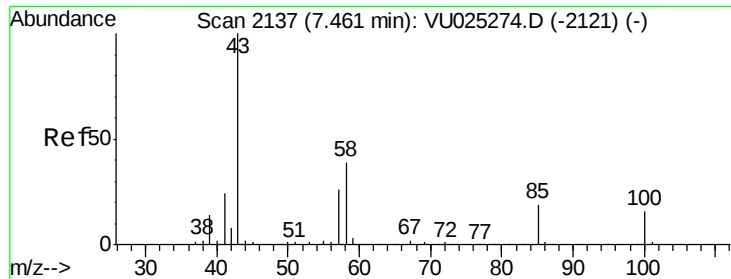
Tot Ion: 88 Resp: 27531
Ion Ratio Lower Upper
88 100
43 32.8 27.3 40.9
58 65.5 57.6 86.4



#50
Toluene-d8
Concen: 45.19 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 98 Resp: 367408
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 105.52 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

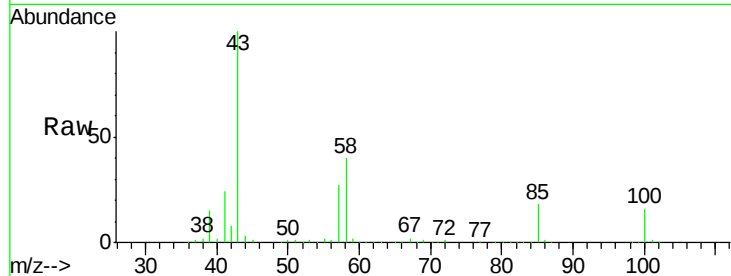
VU0710WBS01

Tot Ion: 43 Resp: 383275

Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

200000

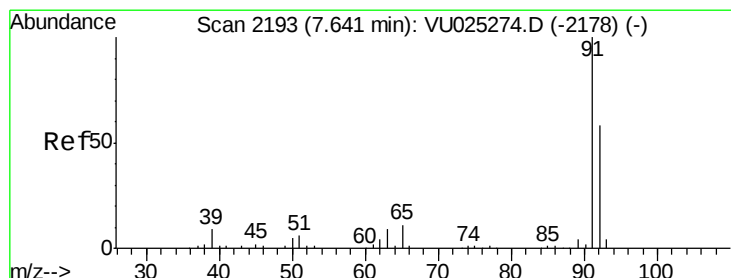
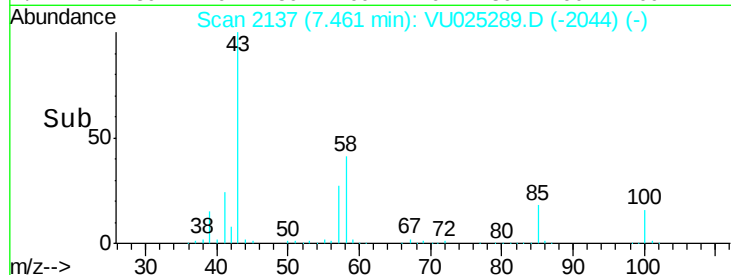
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.96 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025289.D

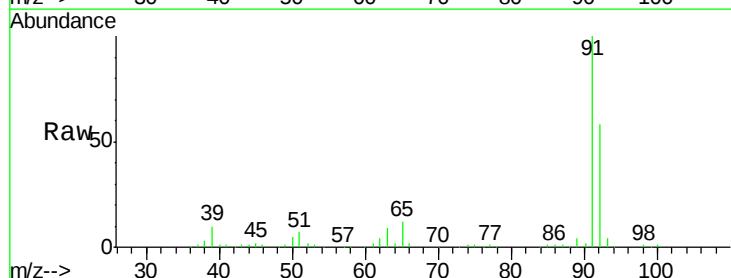
Acq: 10 Jul 2018 15:15

Tgt Ion: 92 Resp: 120236

Ion Ratio Lower Upper

92 100

91 173.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

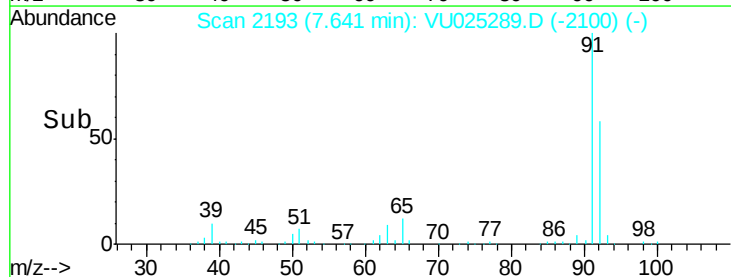
7.64

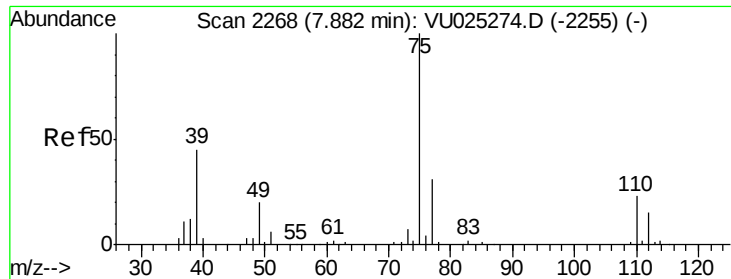
100000

50000

0

Time-->

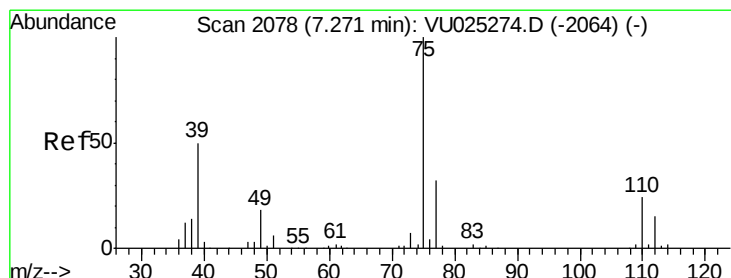
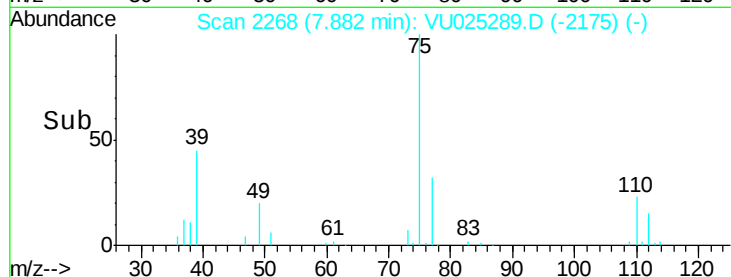
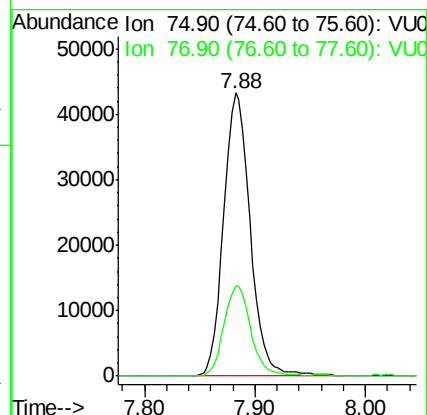
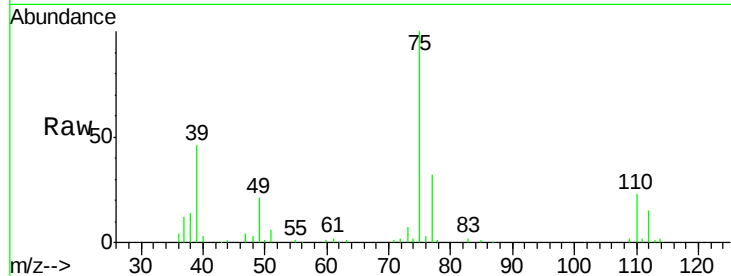




#53
 t-1,3-Dichloropropene
 Concen: 20.69 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

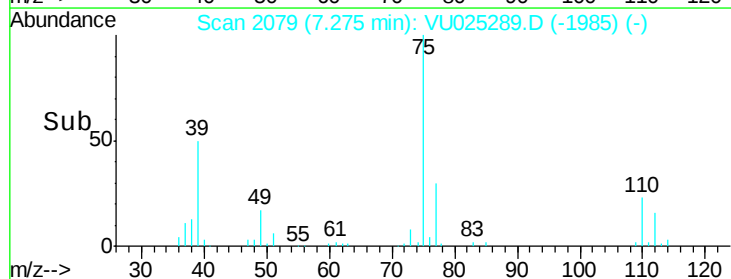
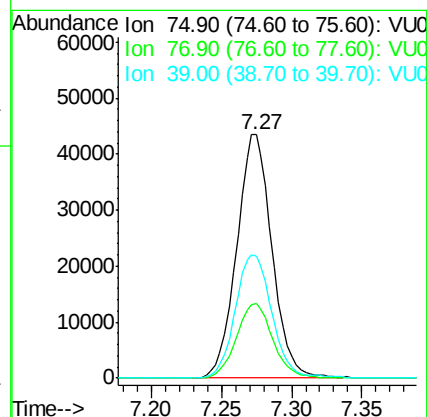
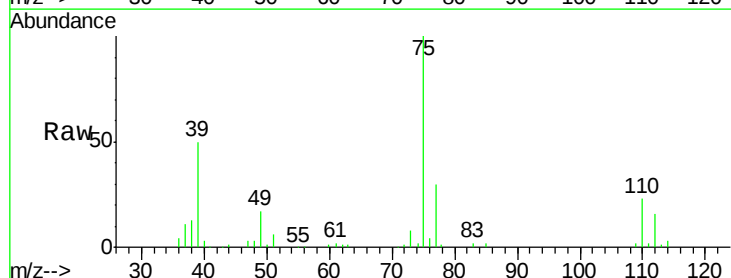
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

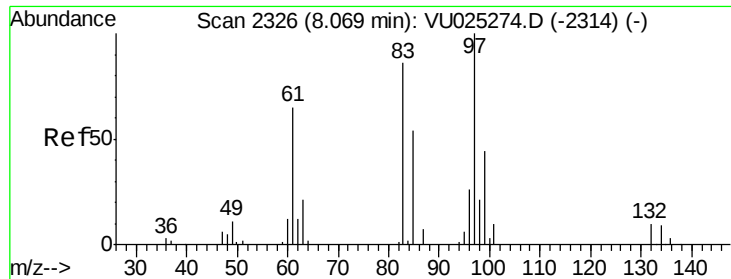
Tot Ion: 75 Resp: 72595
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.38 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 75 Resp: 76101
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.6 38.4
 39 49.9 40.0 60.0

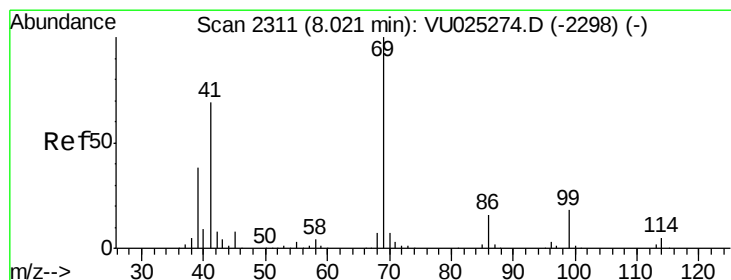
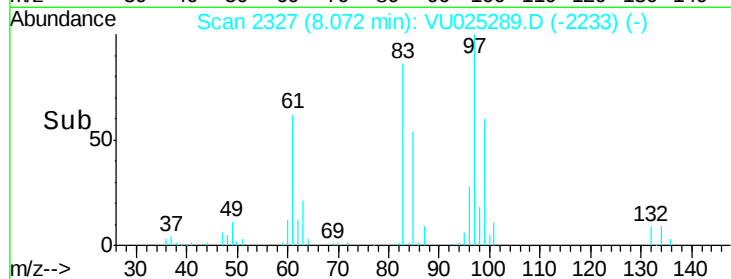
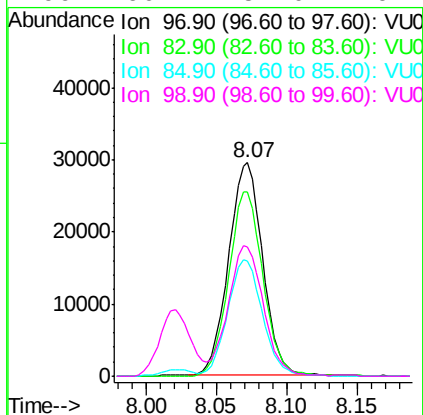
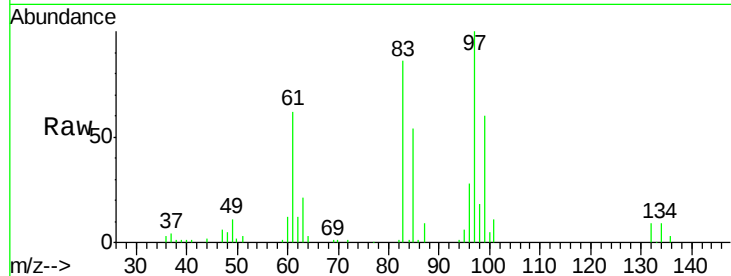




#55
 1,1,2-Trichloroethane
 Concen: 20.80 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

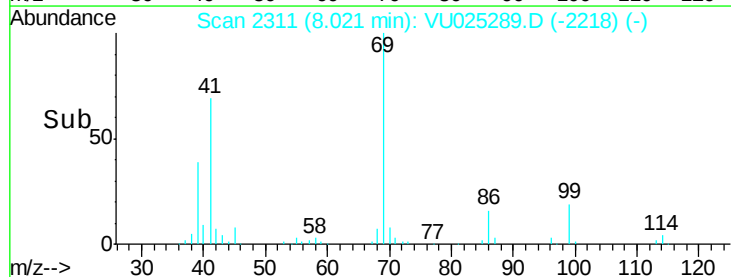
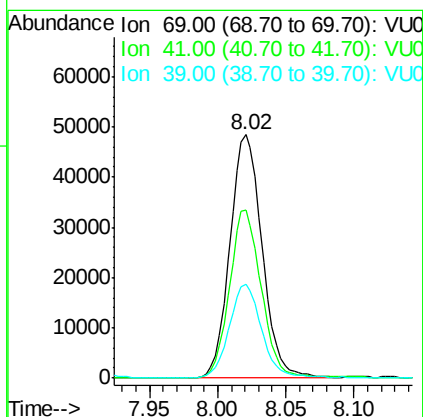
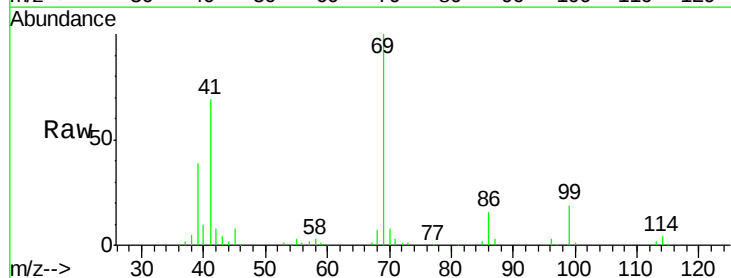
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

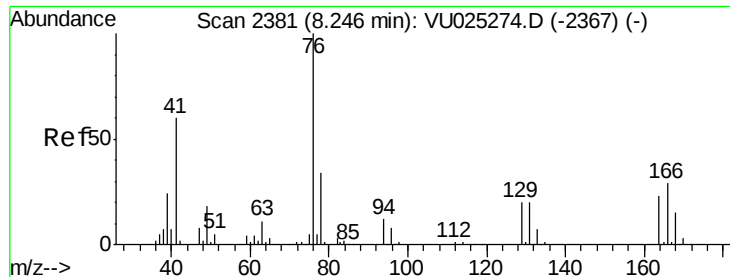
Tot Ion:	97	Resp:	49692
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.9	103.3
85	54.3	44.4	66.6
99	60.2	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 21.31 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion:	69	Resp:	79518
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.8	82.2
39	37.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 21.21 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

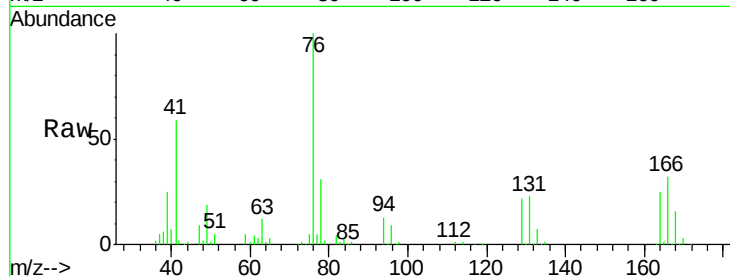
VU0710WBS01

Tot Ion: 76 Resp: 84131

Ion Ratio Lower Upper

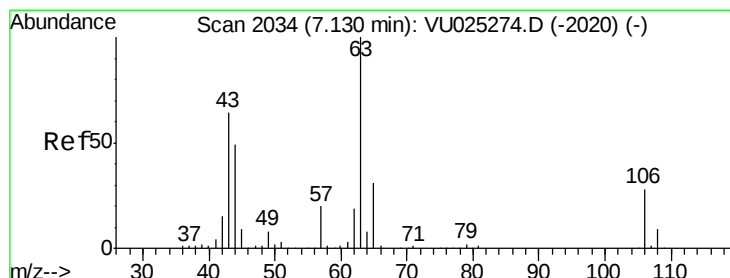
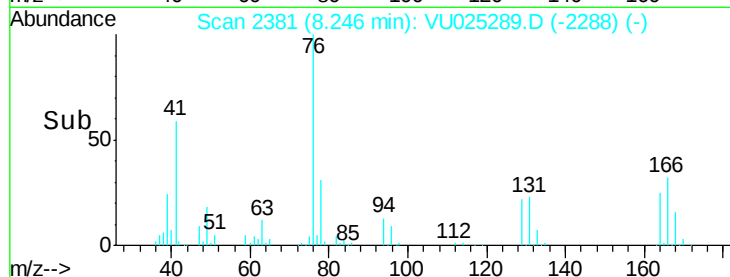
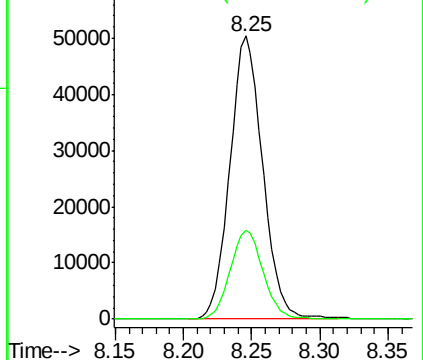
76 100

78 31.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 85.42 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025289.D

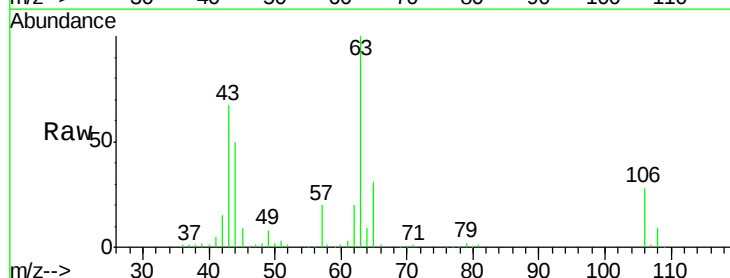
Acq: 10 Jul 2018 15:15

Tgt Ion: 63 Resp: 142425

Ion Ratio Lower Upper

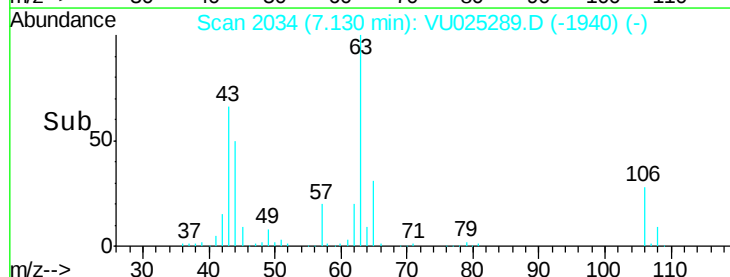
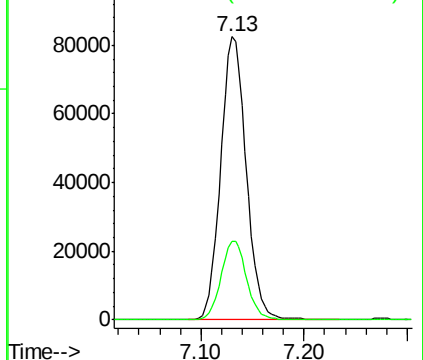
63 100

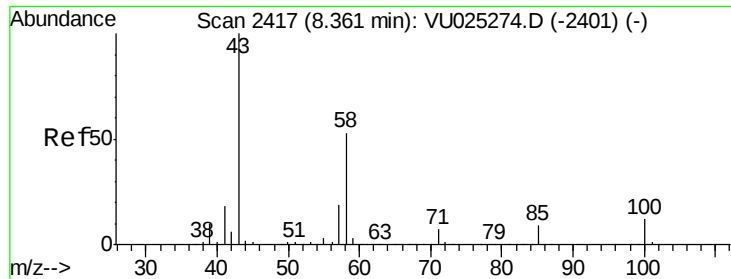
106 27.9 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

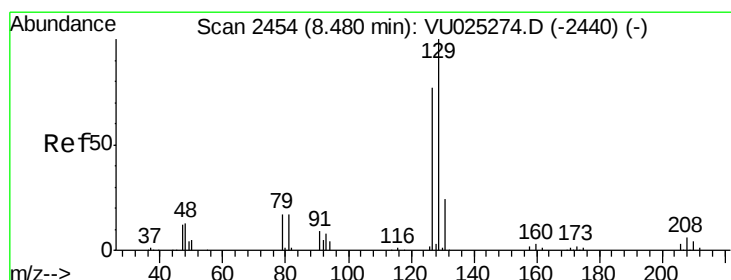
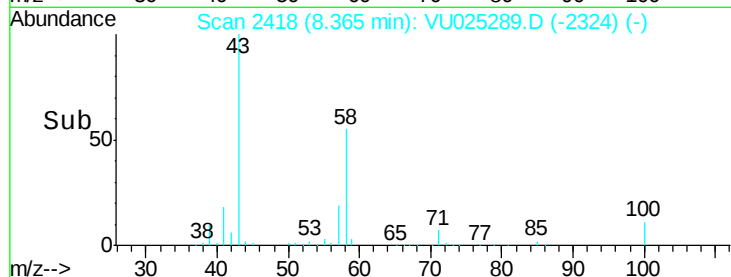
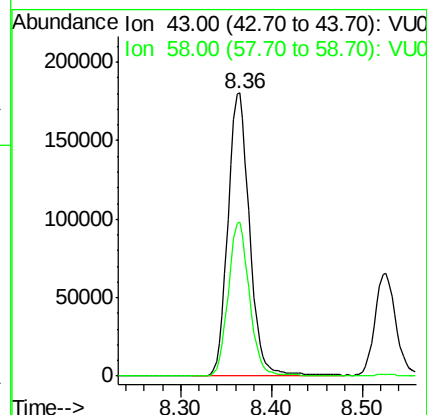
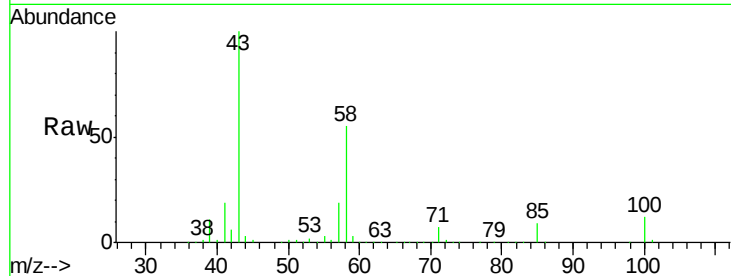




#59
2-Hexanone
Concen: 101.72 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

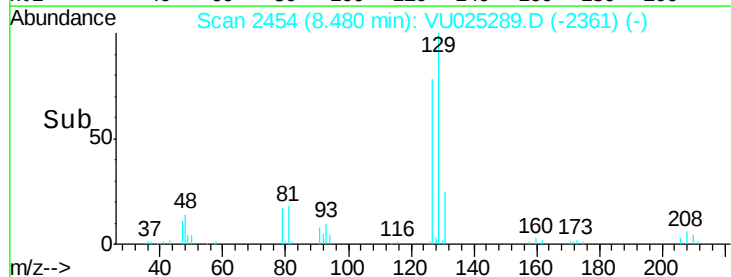
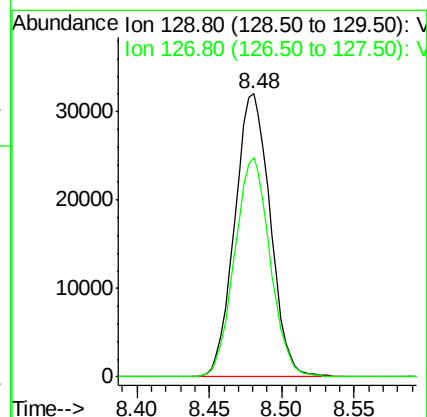
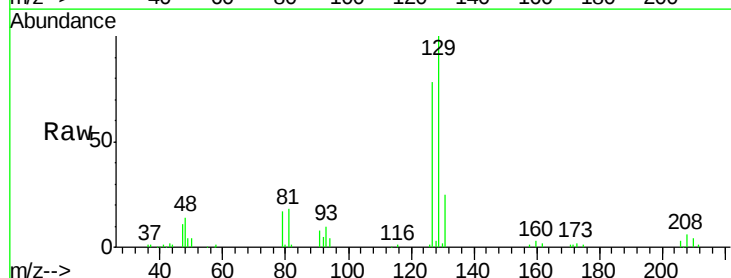
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

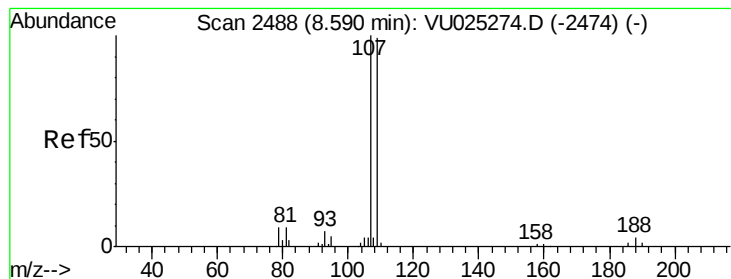
Tot Ion: 43 Resp: 299694
Ion Ratio Lower Upper
43 100
58 53.1 26.2 78.5



#60
Dibromochloromethane
Concen: 21.08 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 129 Resp: 54383
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.24 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

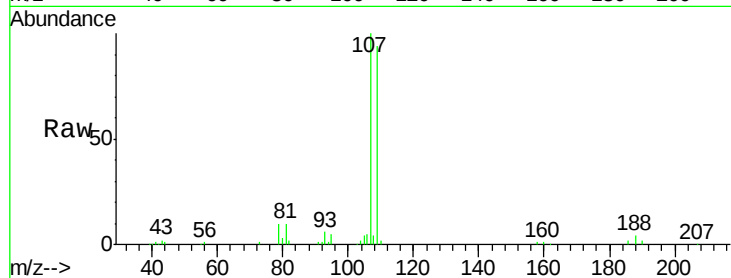
VU0710WBS01

Tot Ion:107 Resp: 54305

Ion Ratio Lower Upper

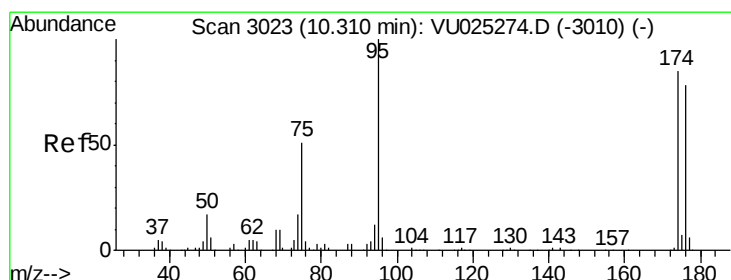
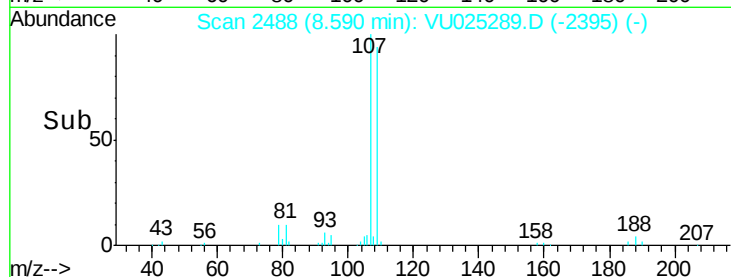
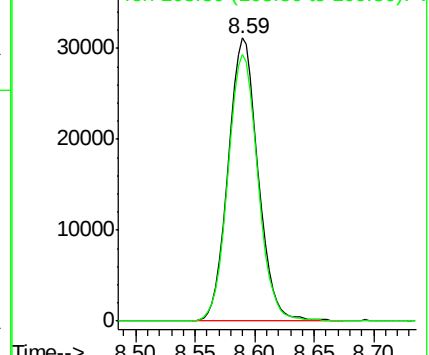
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.93 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

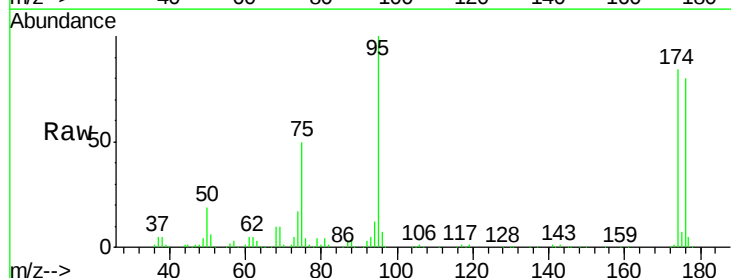
Tgt Ion: 95 Resp: 150347

Ion Ratio Lower Upper

95 100

174 85.2 0.0 172.2

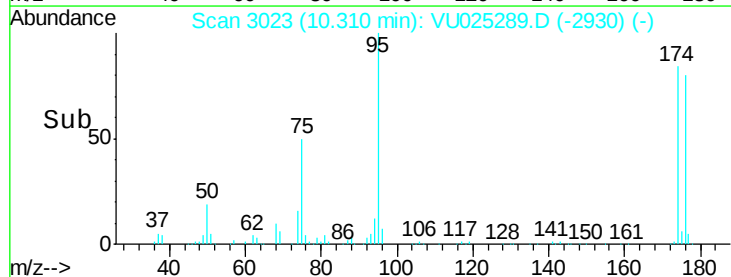
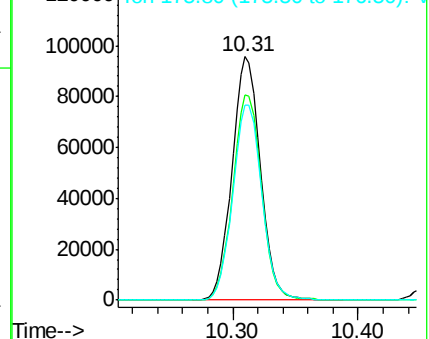
176 82.1 0.0 162.6

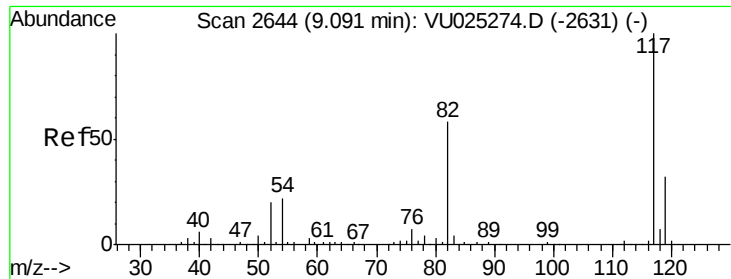


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

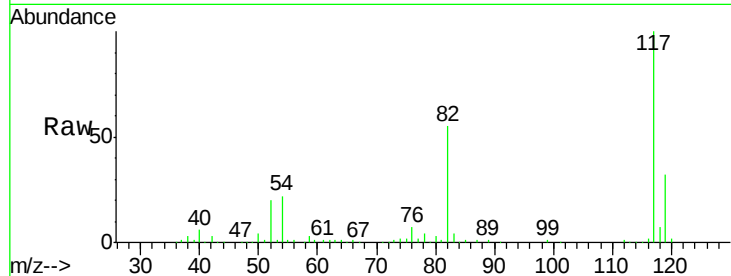




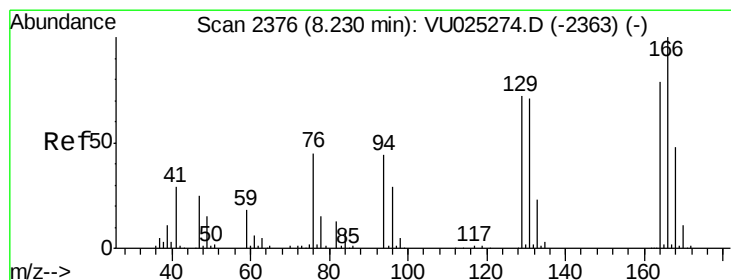
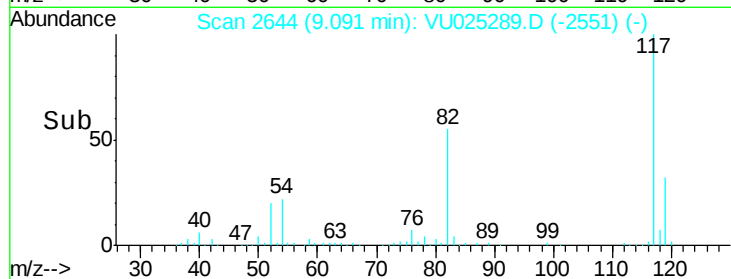
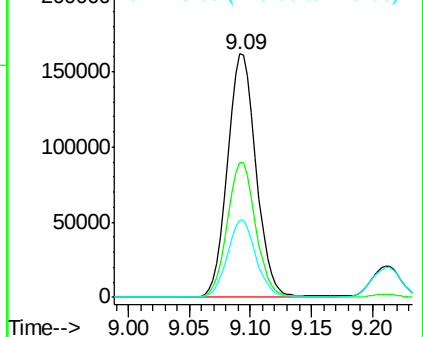
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion:117 Resp: 267275
Ion Ratio Lower Upper
117 100
82 55.3 46.0 69.0
119 31.7 26.0 39.0



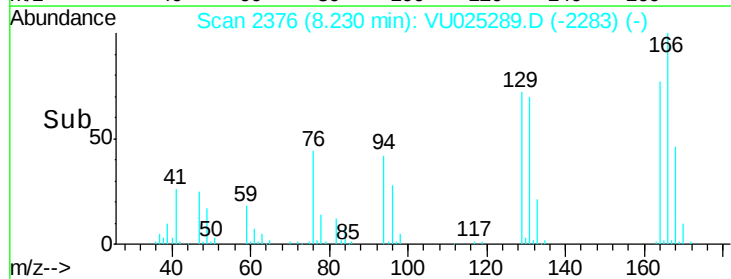
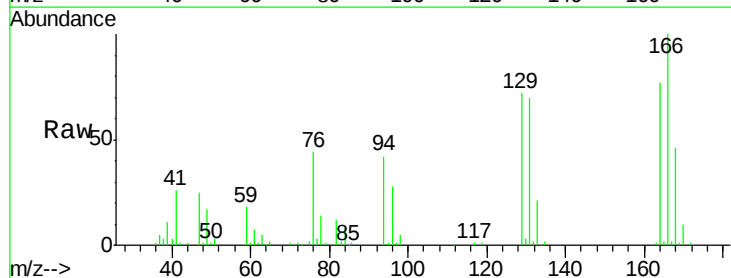
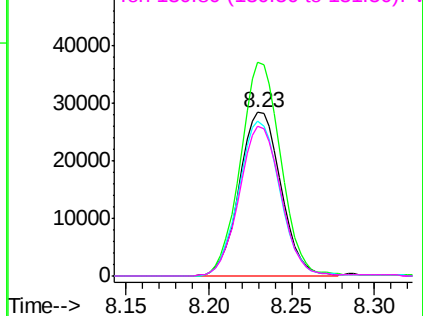
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

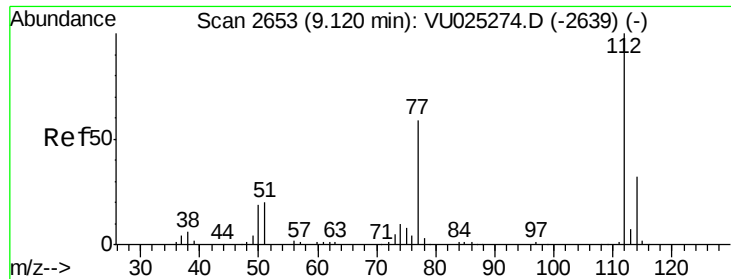


#64
Tetrachloroethene
Concen: 20.36 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion:164 Resp: 49609
Ion Ratio Lower Upper
164 100
166 130.6 101.1 151.7
129 94.7 73.0 109.6
131 91.5 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

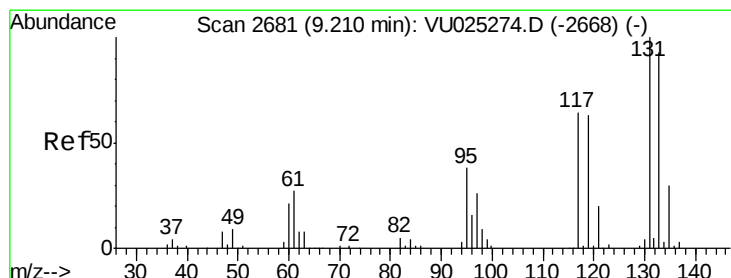
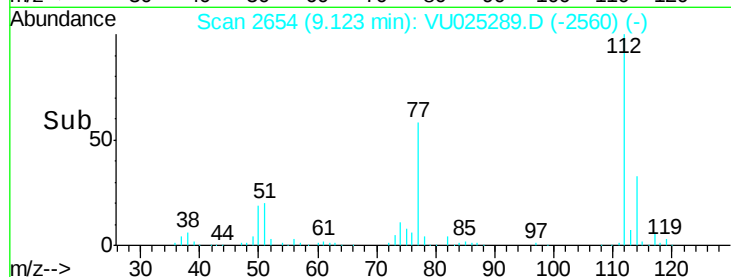
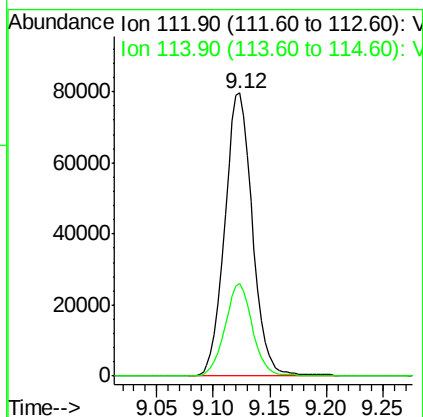
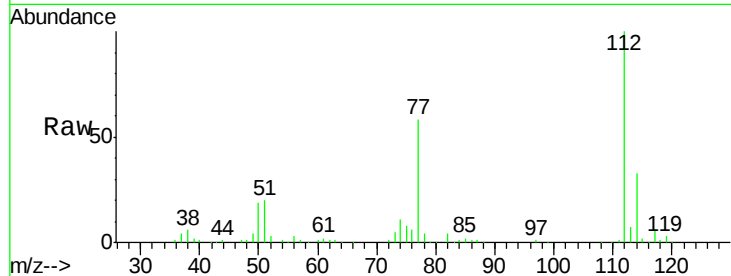




#65
Chlorobenzene
Concen: 20.34 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

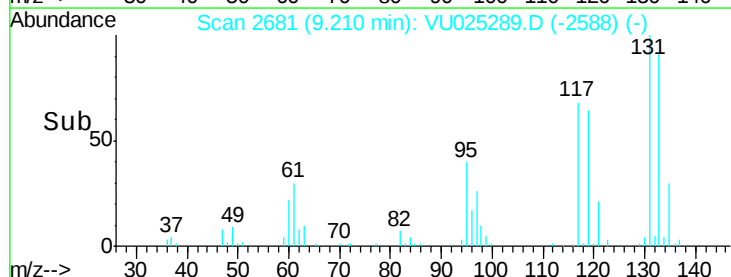
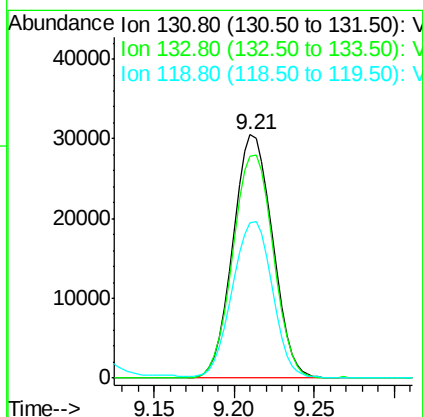
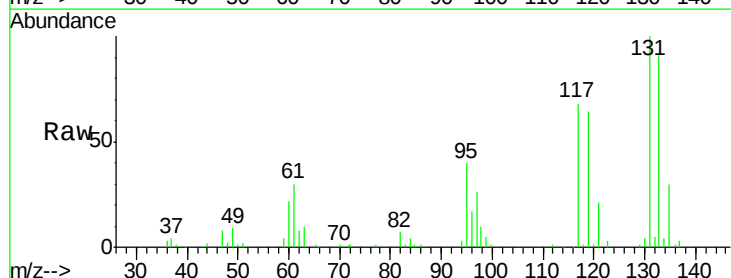
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

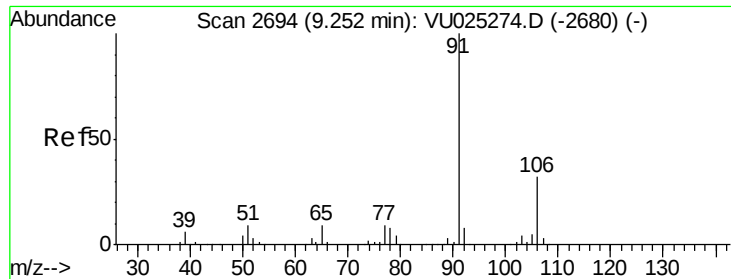
Tot Ion:112 Resp: 135820
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.59 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion:131 Resp: 51573
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 65.1 31.6 95.0

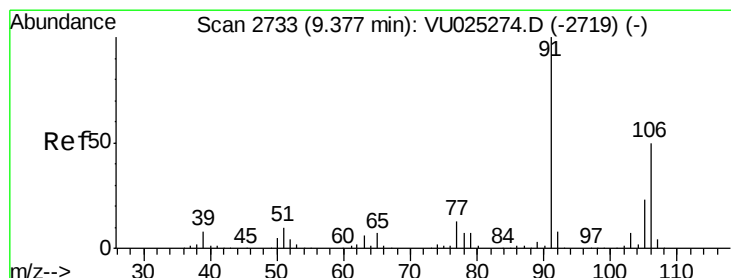
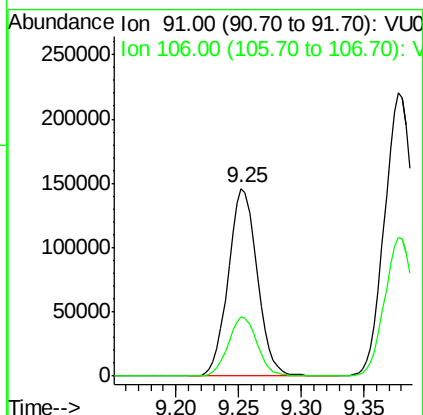
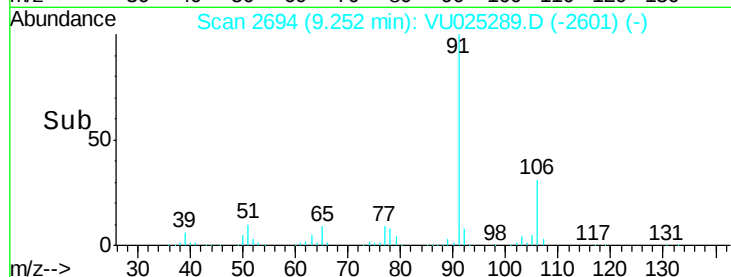
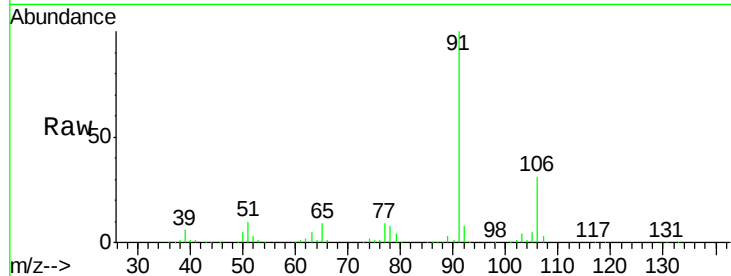




#67
Ethyl Benzene
Concen: 20.56 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

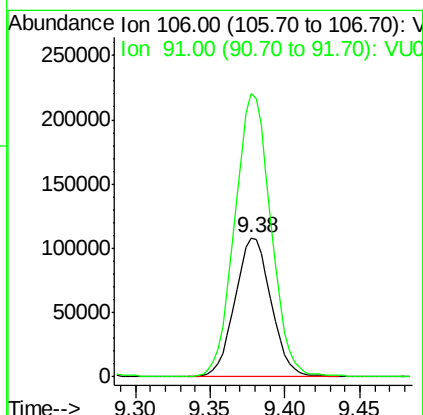
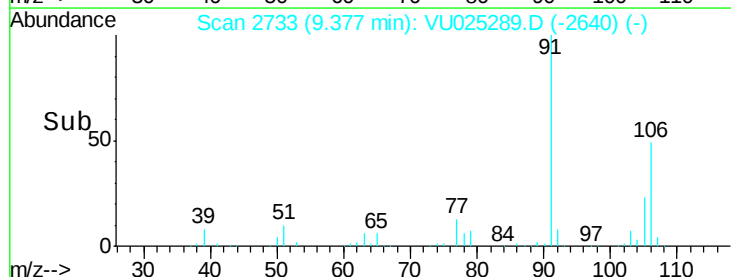
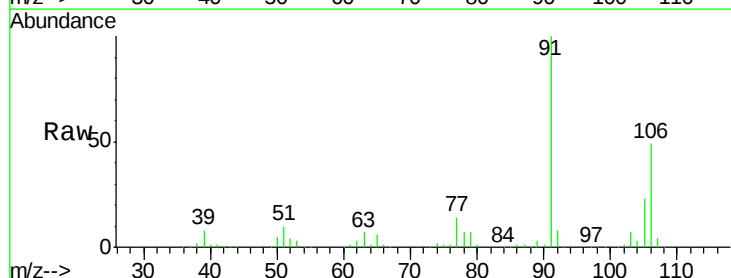
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

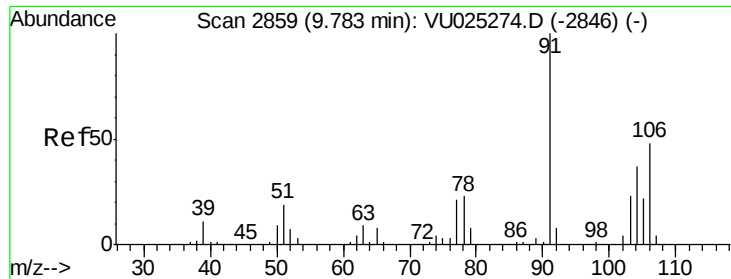
Tot Ion: 91 Resp: 234056
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 41.17 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 106 Resp: 181165
Ion Ratio Lower Upper
106 100
91 205.8 162.3 243.5

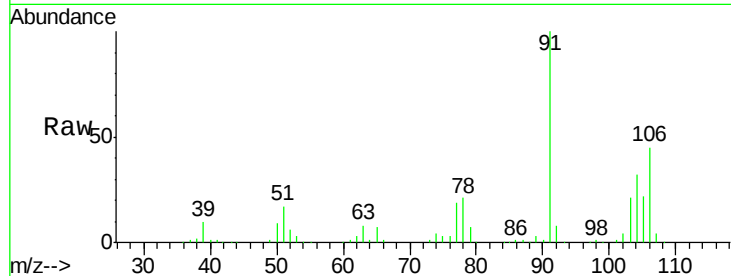




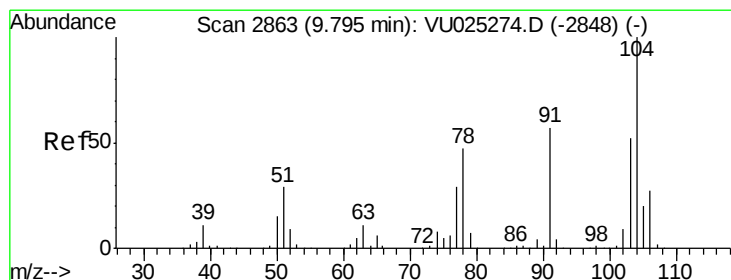
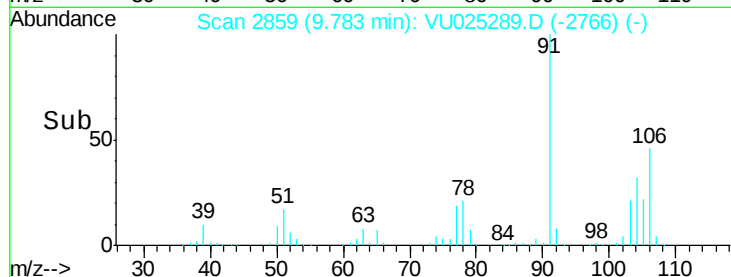
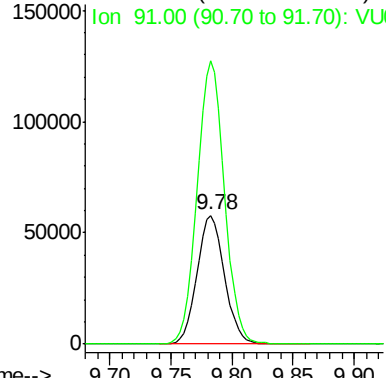
#69
o-Xylene
Concen: 20.74 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion:106 Resp: 91356
Ion Ratio Lower Upper
106 100
91 218.8 105.3 315.8

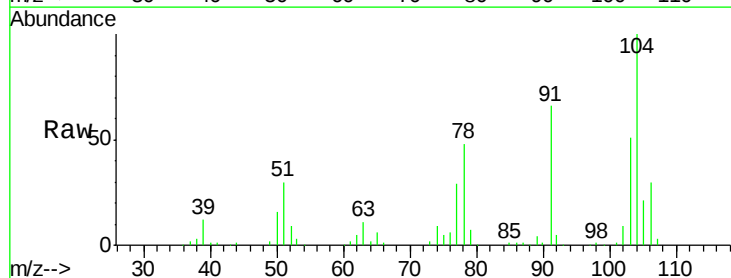


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

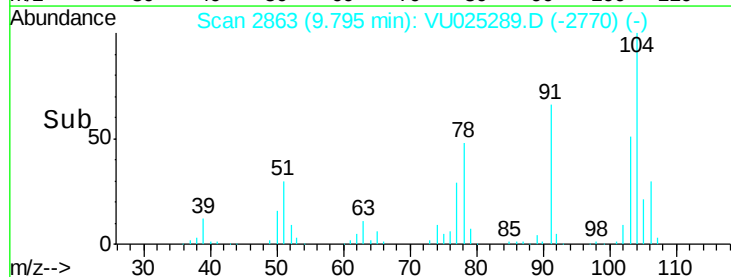
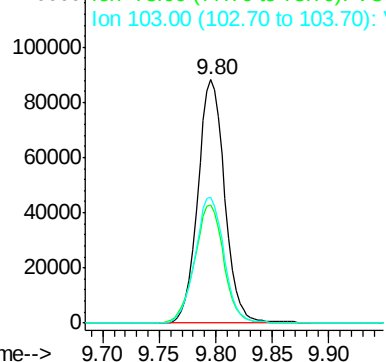


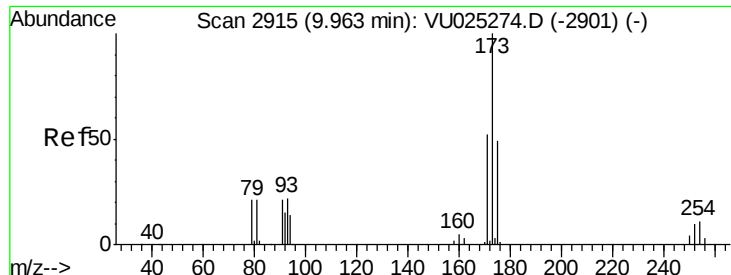
#70
Styrene
Concen: 20.88 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025289.D
Acq: 10 Jul 2018 15:15

Tgt Ion:104 Resp: 146155
Ion Ratio Lower Upper
104 100
78 52.7 41.6 62.4
103 55.6 44.6 66.8



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





#71

Bromoform

Concen: 21.33 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

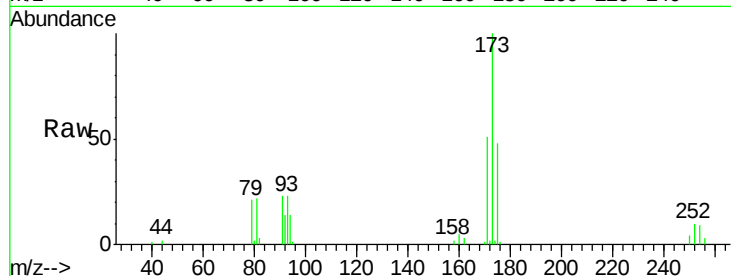
Tot Ion:173 Resp: 42543

Ion Ratio Lower Upper

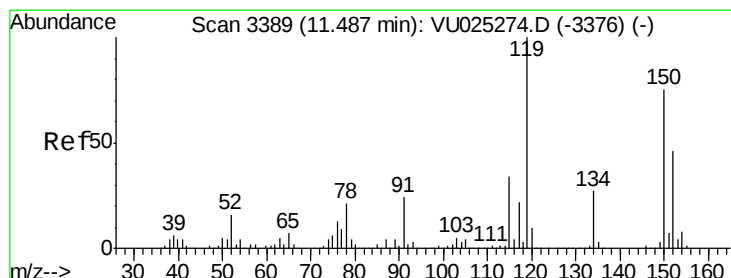
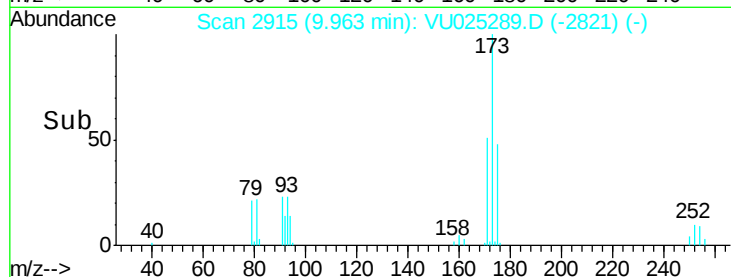
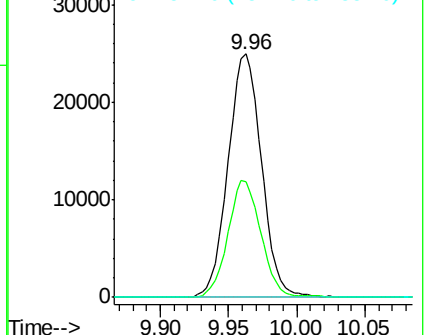
173 100

175 47.1 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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

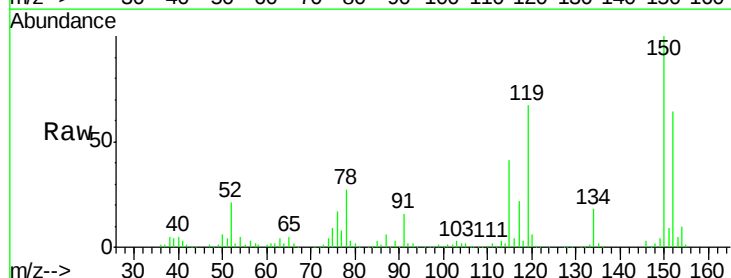
Tgt Ion:152 Resp: 152529

Ion Ratio Lower Upper

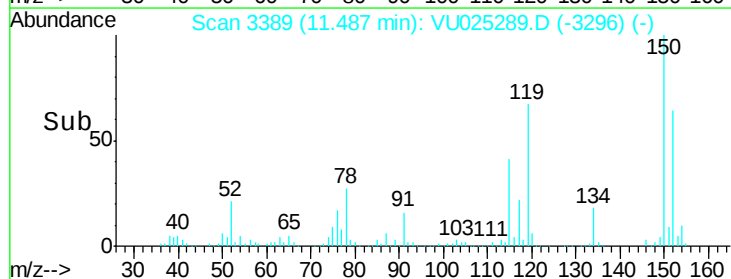
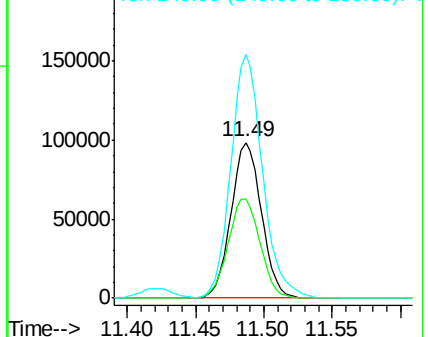
152 100

115 67.0 40.1 120.3

150 162.7 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: 20.88 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

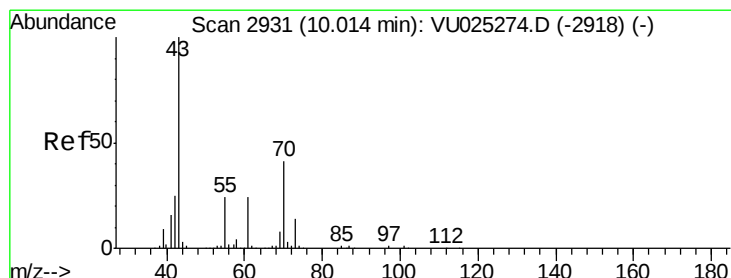
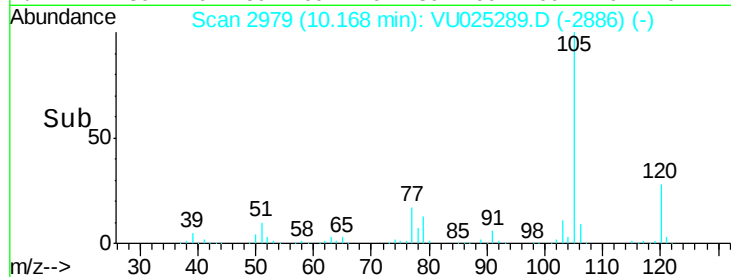
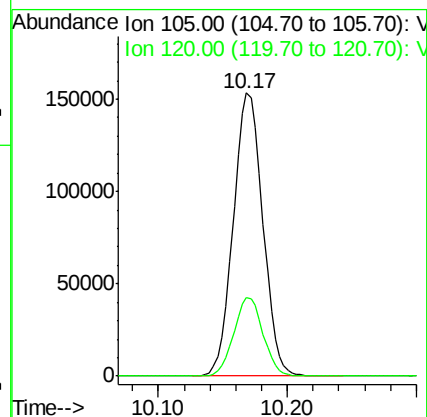
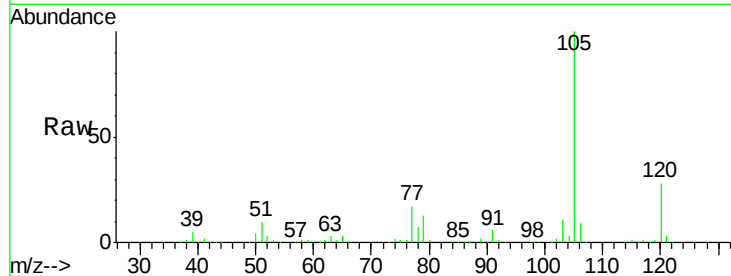
VU0710WBS01

Tot Ion:105 Resp: 243341

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



#74

N-ethyl acetate

Concen: 21.86 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Tgt Ion: 43 Resp: 100794

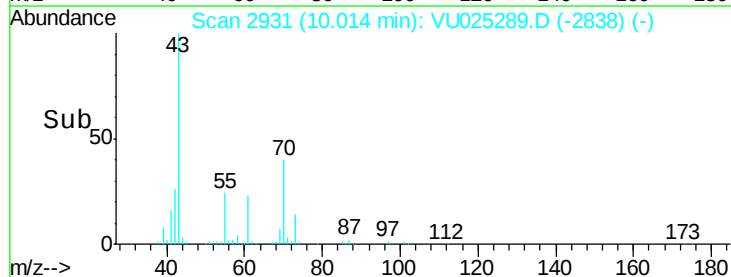
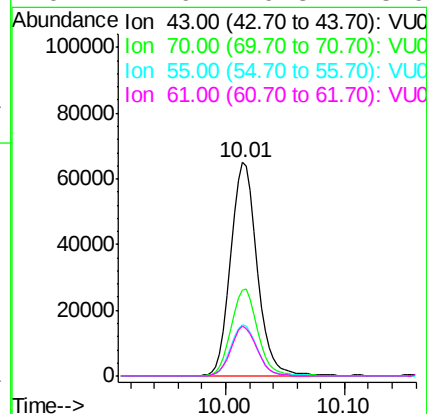
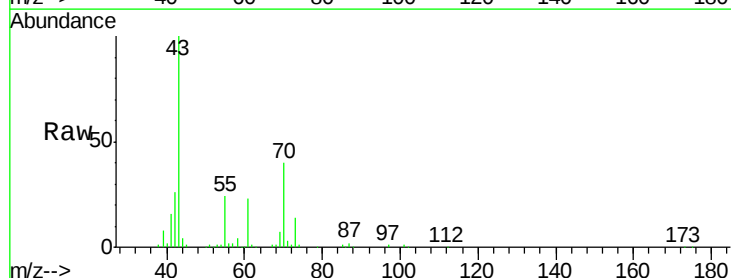
Ion Ratio Lower Upper

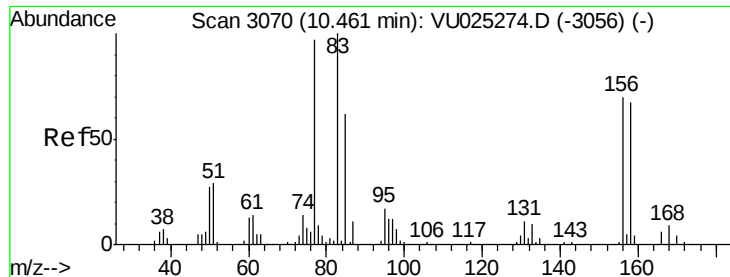
43 100

70 41.0 33.4 50.2

55 24.4 19.0 28.6

61 22.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.68 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

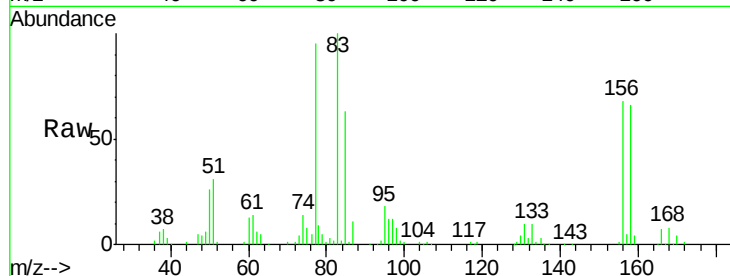
Tot Ion: 83 Resp: 82658

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

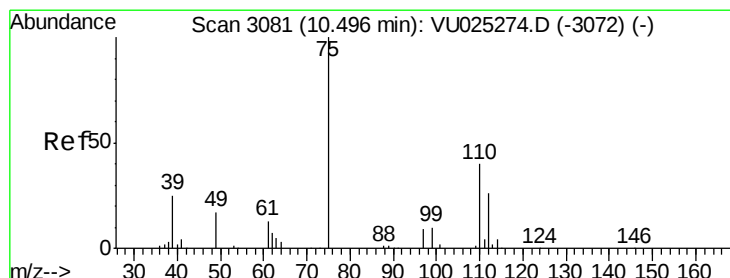
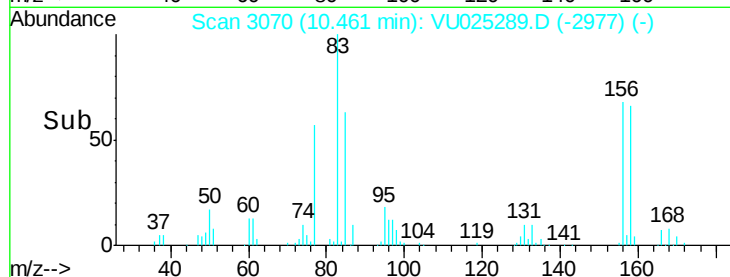
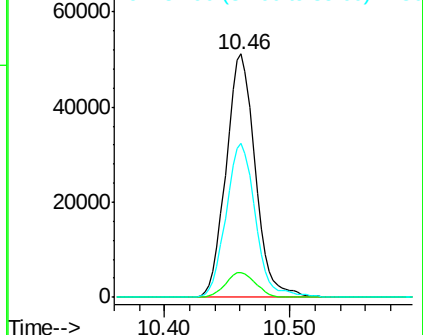
85 63.7 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 30.69 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025289.D

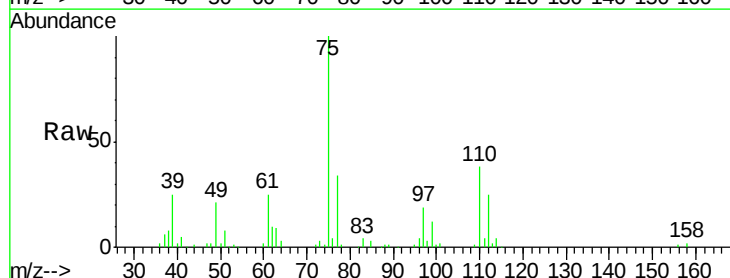
Acq: 10 Jul 2018 15:15

Tgt Ion: 75 Resp: 95560

Ion Ratio Lower Upper

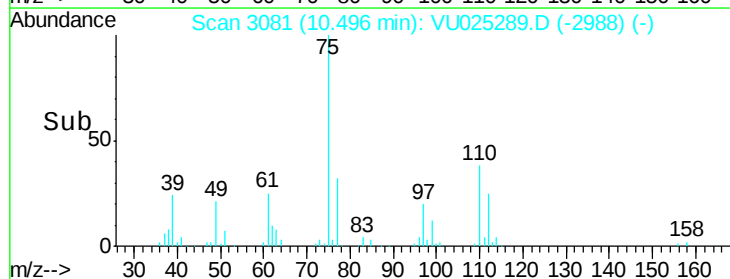
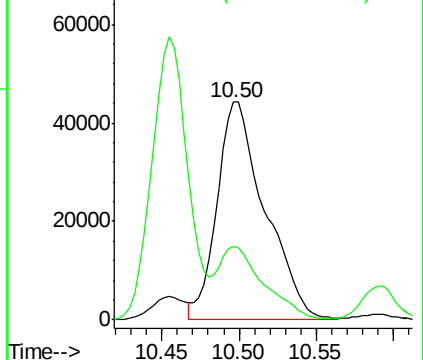
75 100

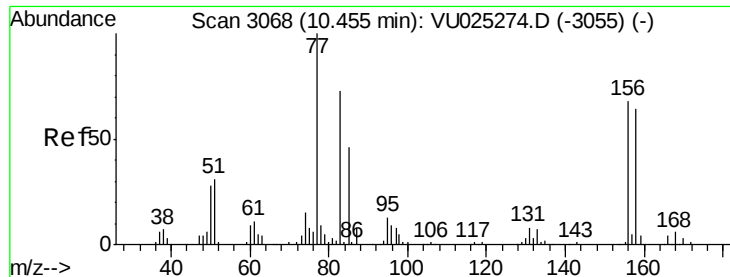
77 30.6 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 20.65 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

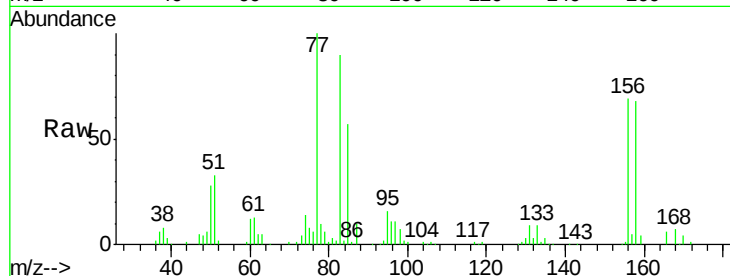
Tot Ion:156 Resp: 61561

Ion Ratio Lower Upper

156 100

77 150.4 73.8 221.4

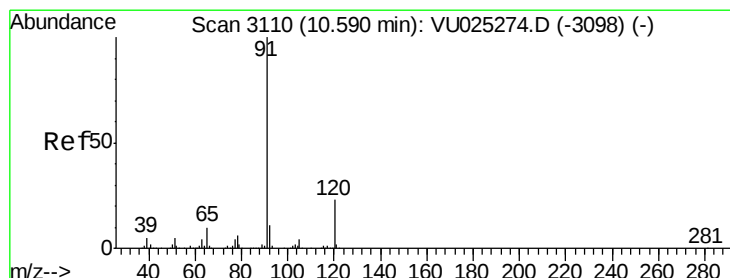
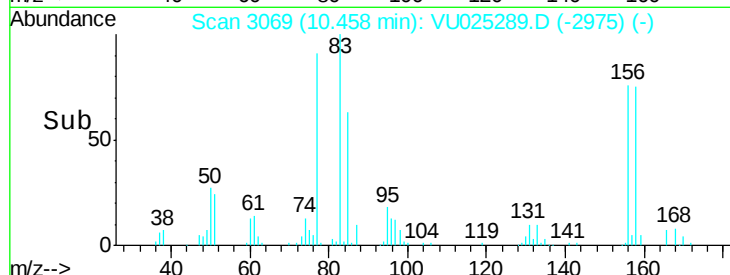
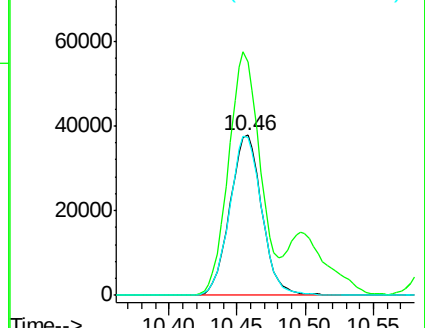
158 99.4 48.0 144.0



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: 20.68 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025289.D

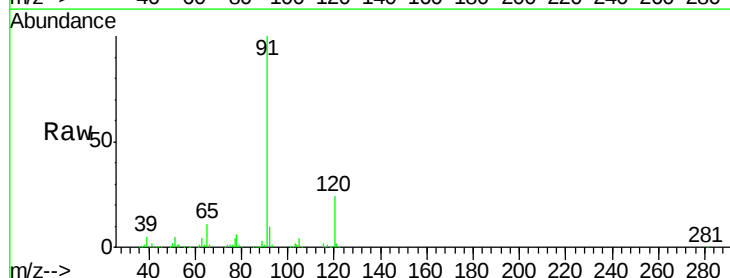
Acq: 10 Jul 2018 15:15

Tgt Ion: 91 Resp: 267429

Ion Ratio Lower Upper

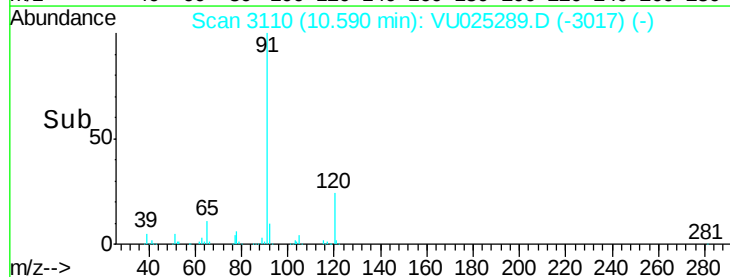
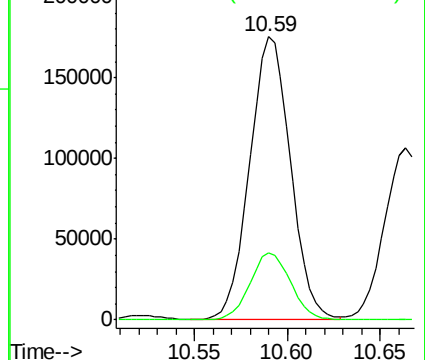
91 100

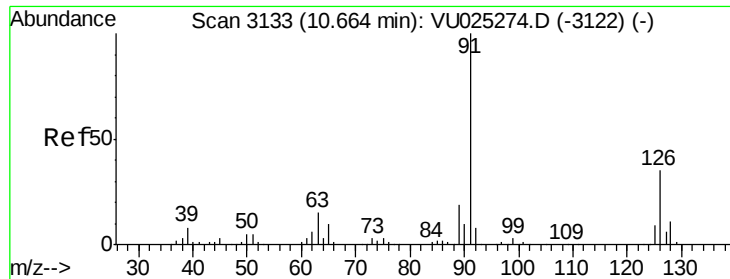
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

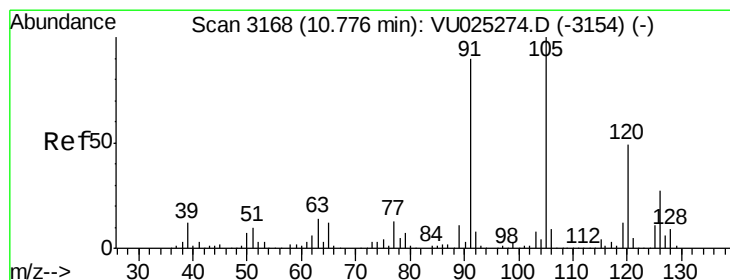
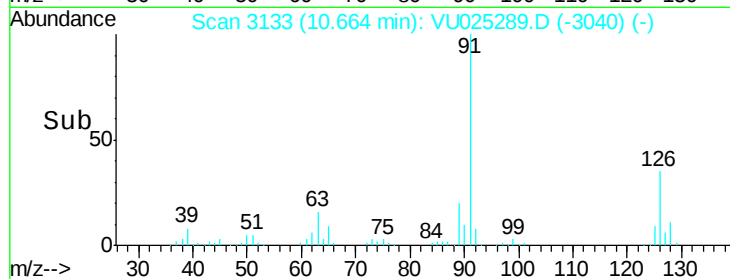
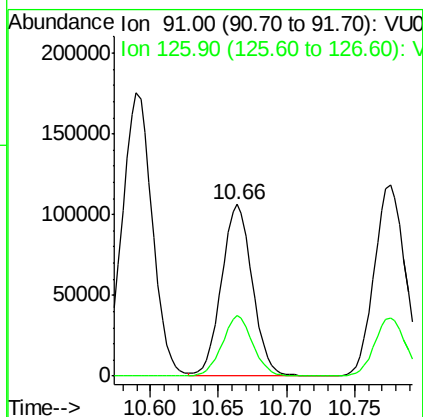
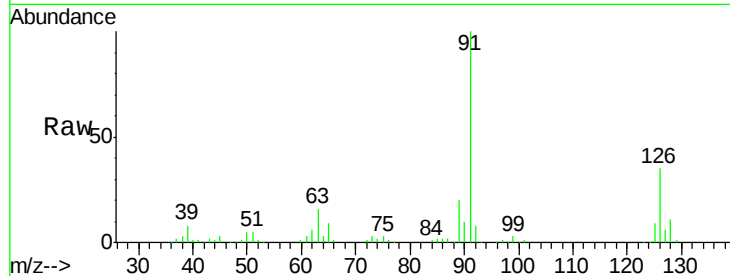




#79
 2-Chlorotoluene
 Concen: 22.46 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

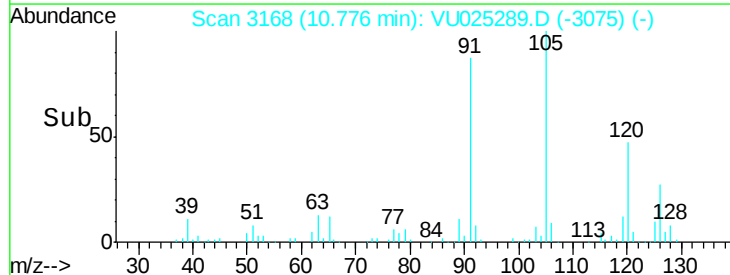
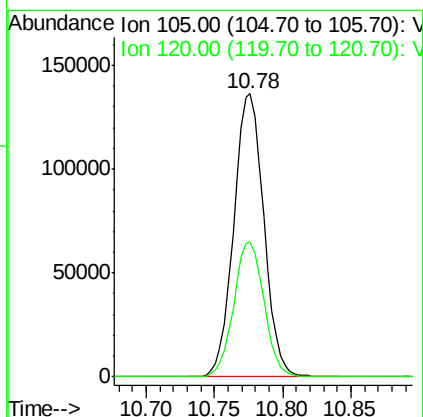
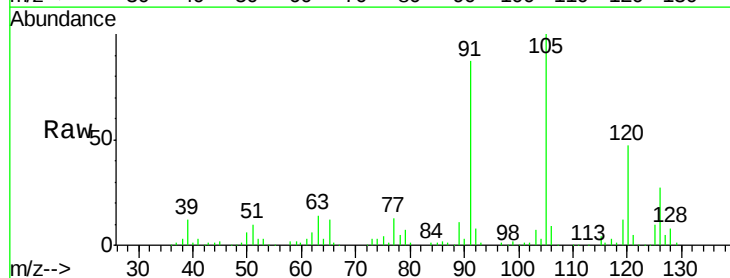
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

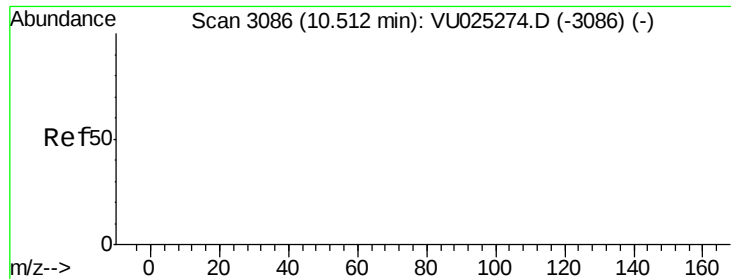
Tot Ion: 91 Resp: 166164
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.24 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion: 105 Resp: 208255
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 78.64 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

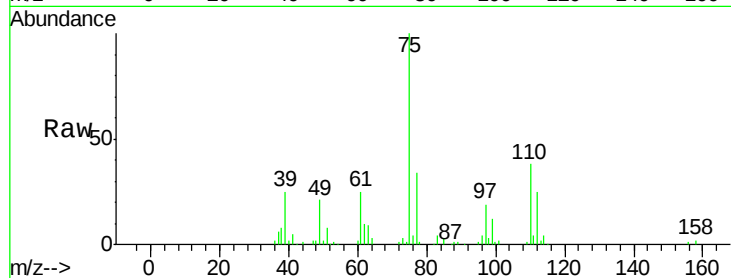
Tot Ion: 75 Resp: 95560

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

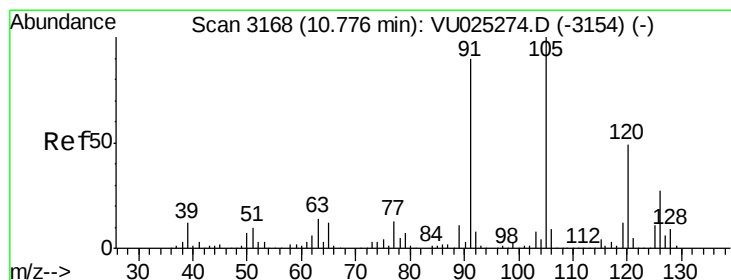
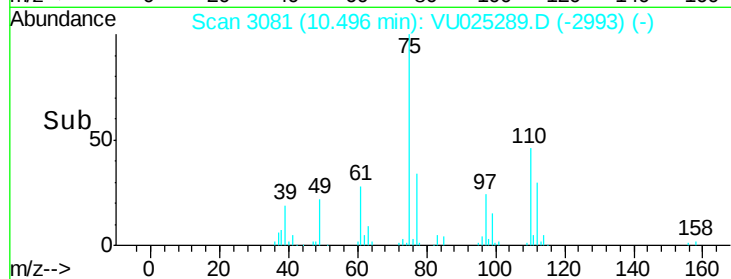
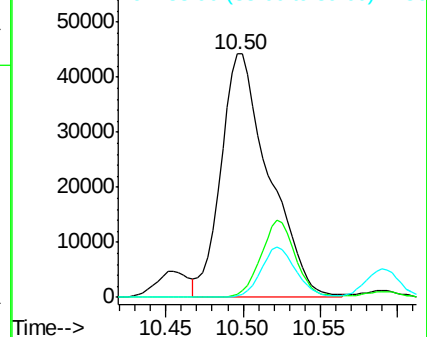
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 20.37 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025289.D

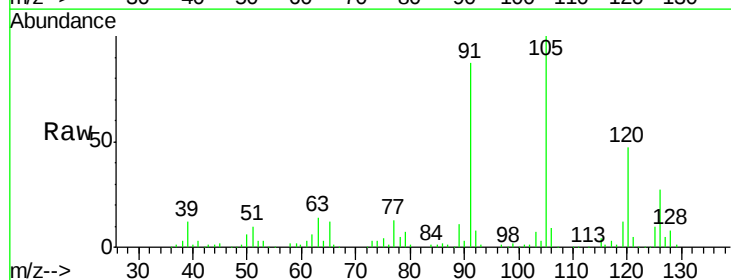
Acq: 10 Jul 2018 15:15

Tgt Ion: 91 Resp: 186531

Ion Ratio Lower Upper

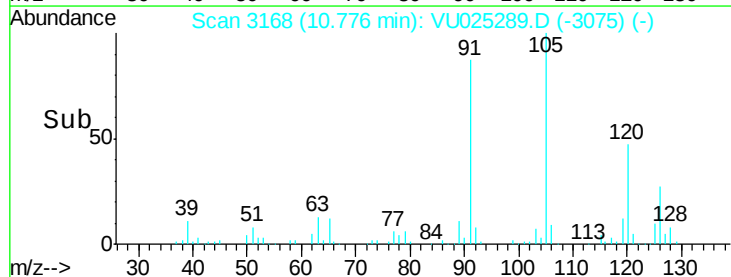
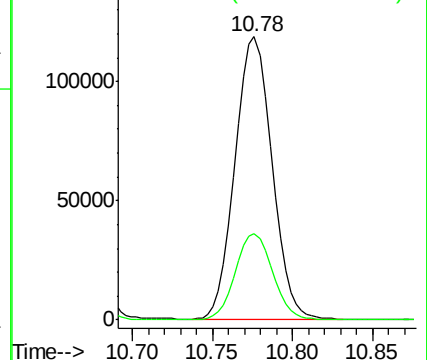
91 100

126 30.6 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

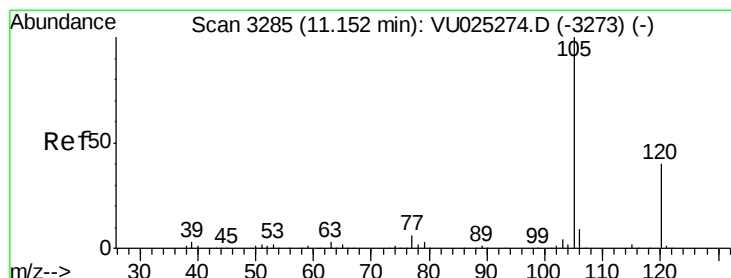
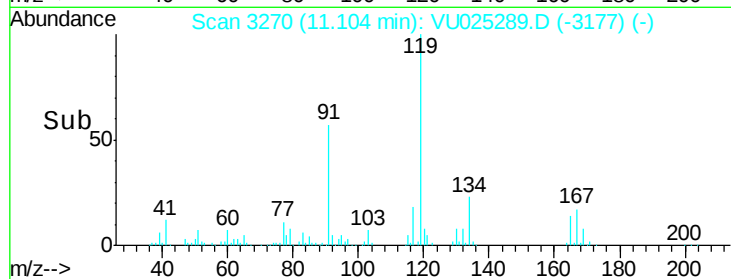
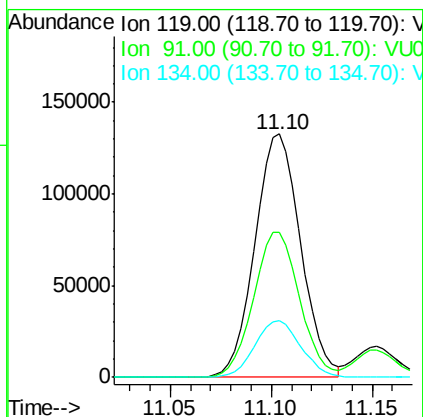
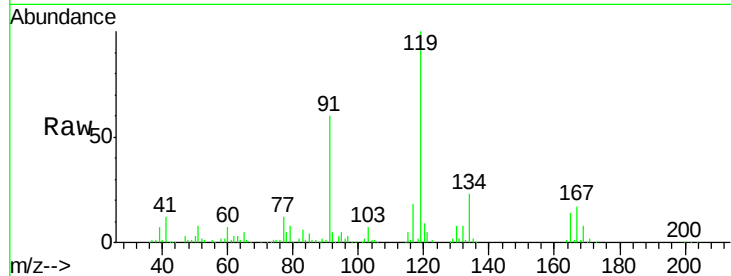




#83
 tert-Butylbenzene
 Concen: 21.22 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

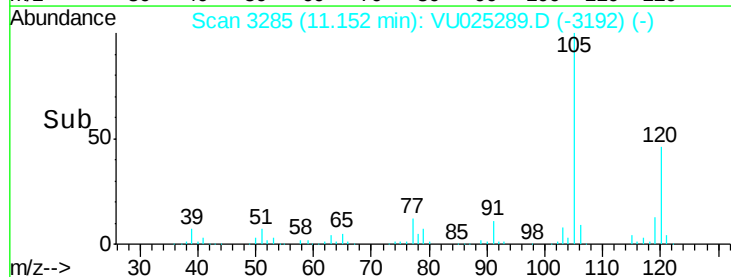
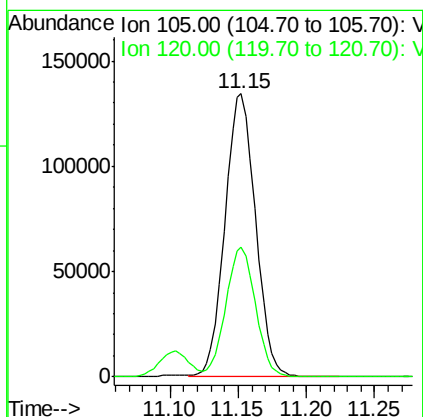
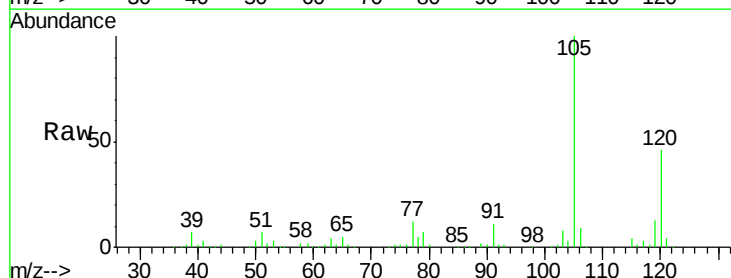
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion:119 Resp: 210275
 Ion Ratio Lower Upper
 119 100
 91 60.3 29.7 89.1
 134 23.4 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.77 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion:105 Resp: 208723
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.8

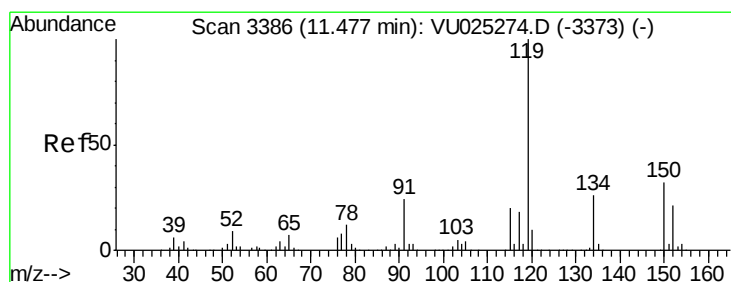
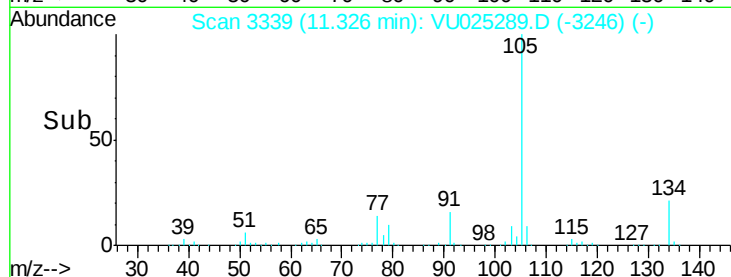
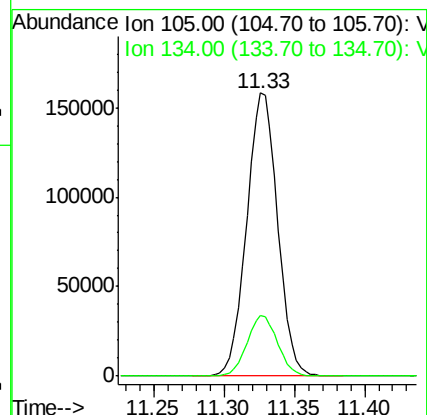
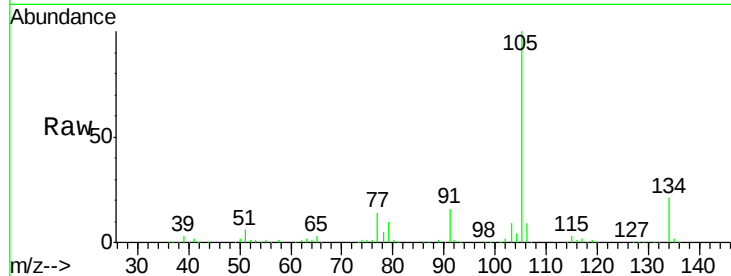




#85
 sec-Butylbenzene
 Concen: 20.85 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

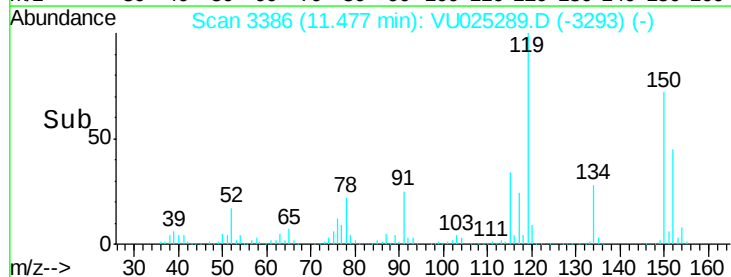
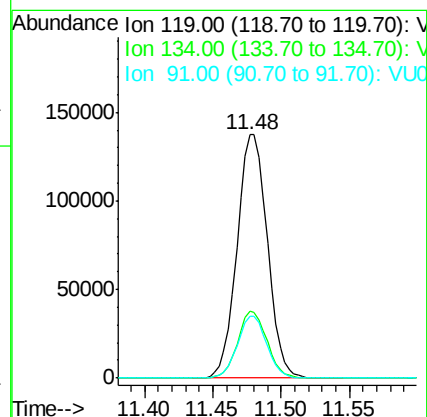
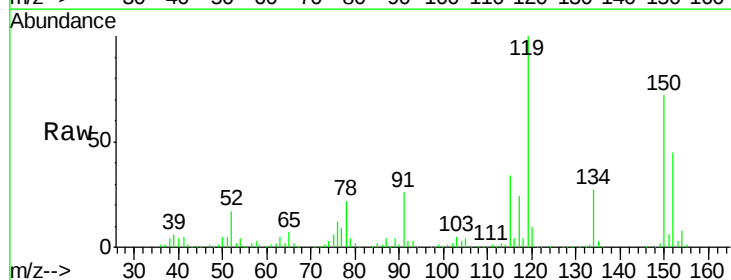
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

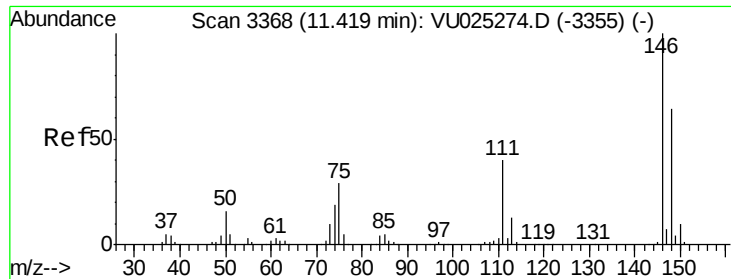
Tot Ion:105 Resp: 243253
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.50 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion:119 Resp: 211741
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 24.7 12.0 36.1

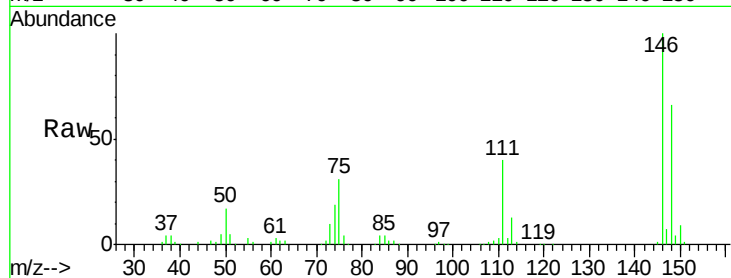




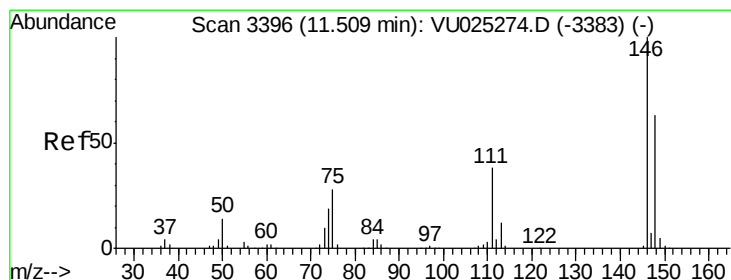
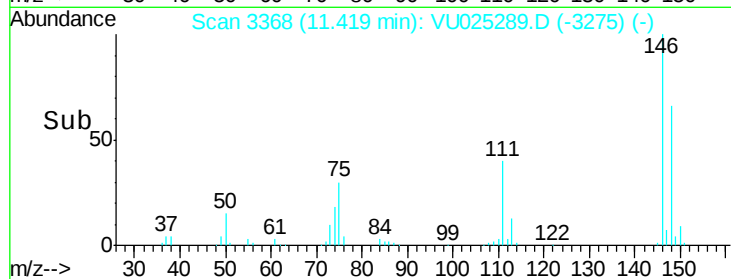
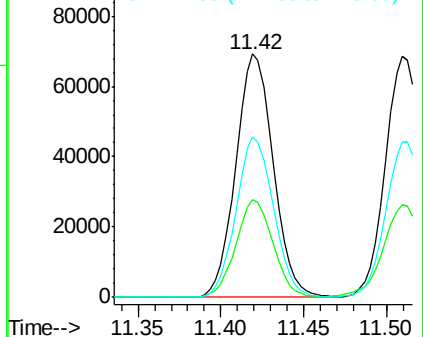
#87
 1,3-Dichlorobenzene
 Concen: 20.03 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion:146 Resp: 109153
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 65.8 32.1 96.3

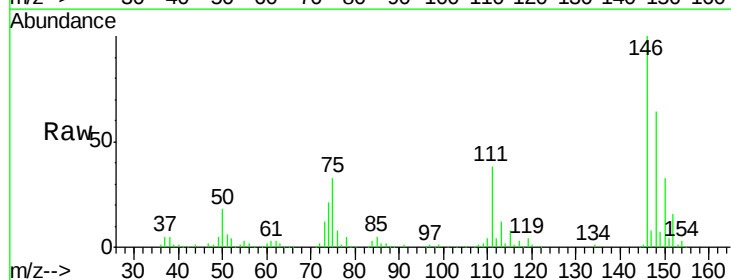


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

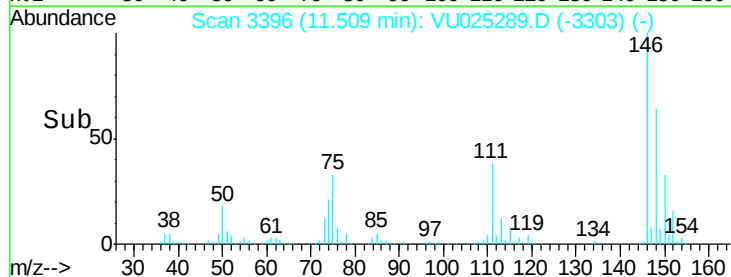
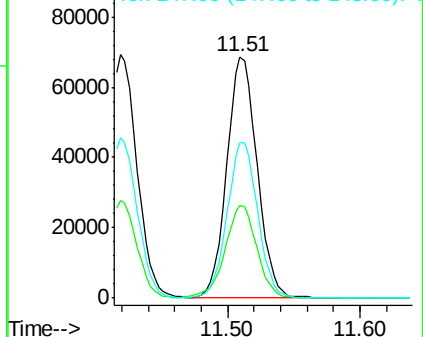


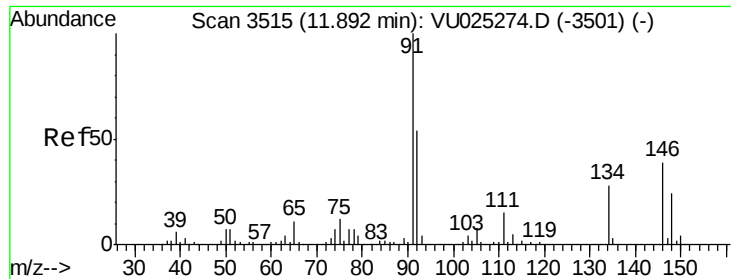
#88
 1,4-Dichlorobenzene
 Concen: 21.37 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion:146 Resp: 109066
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.4 58.1
 148 65.2 31.7 95.1



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





#89

n-Butylbenzene

Concen: 19.23 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

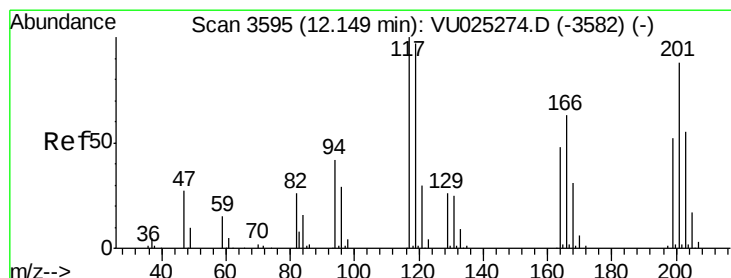
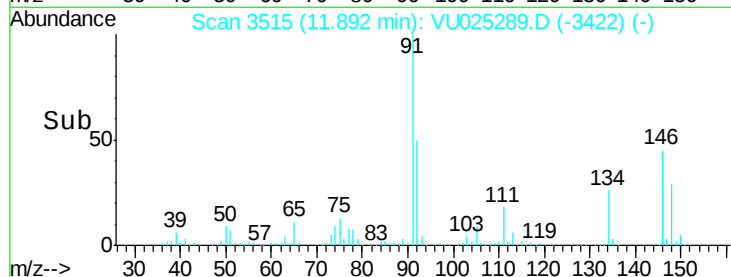
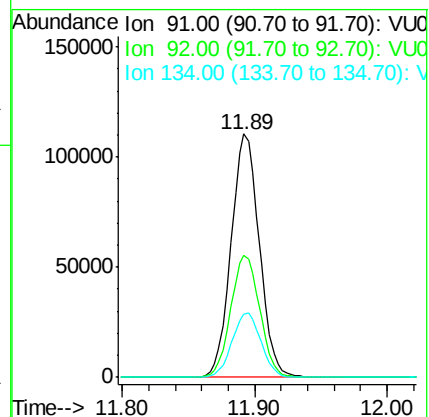
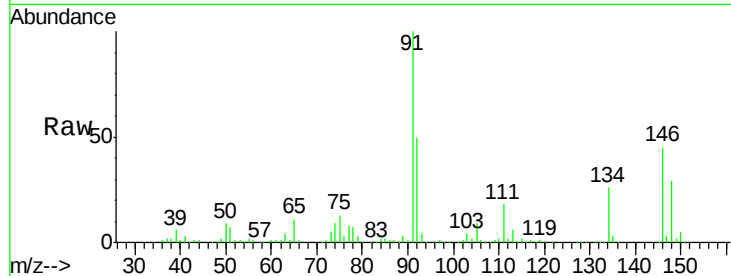
Tot Ion: 91 Resp: 163309

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 27.0 13.6 40.7



#90

Hexachloroethane

Concen: 20.58 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025289.D

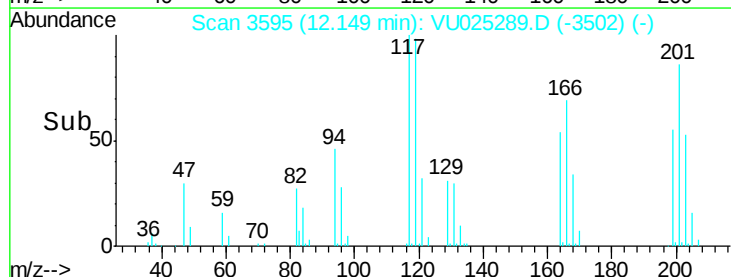
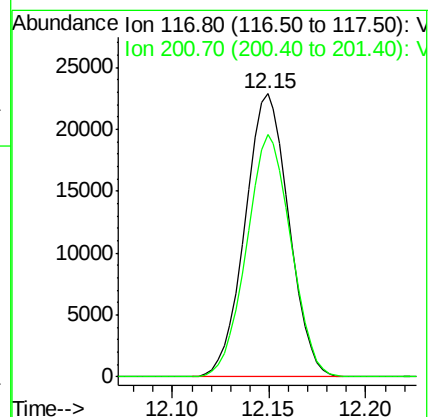
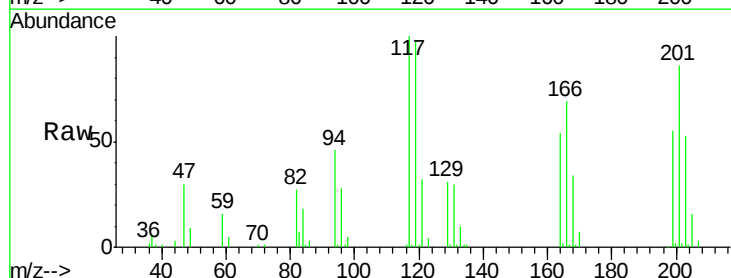
Acq: 10 Jul 2018 15:15

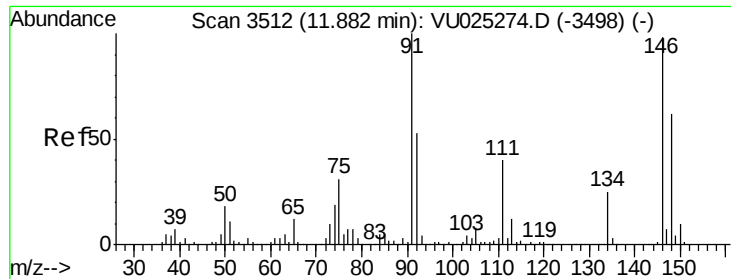
Tgt Ion: 117 Resp: 35993

Ion Ratio Lower Upper

117 100

201 86.7 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 21.08 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

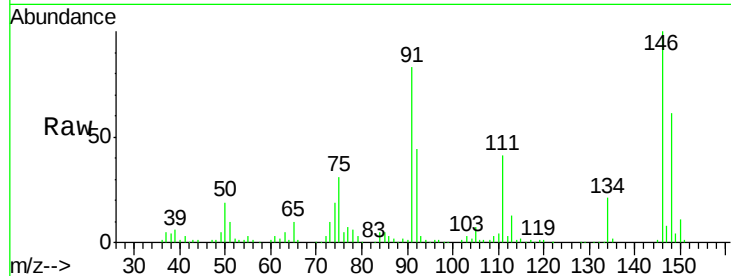
Tot Ion:146 Resp: 115977

Ion Ratio Lower Upper

146 100

111 39.9 20.6 61.8

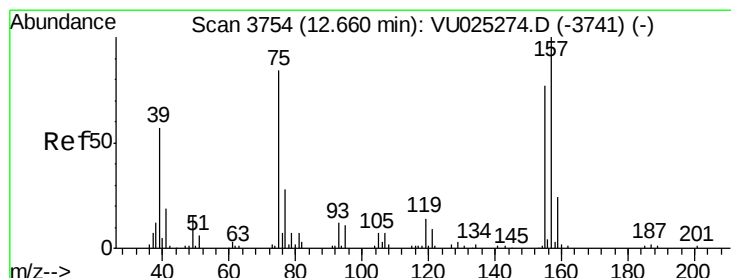
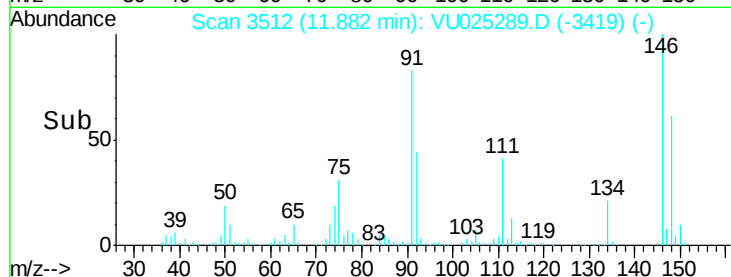
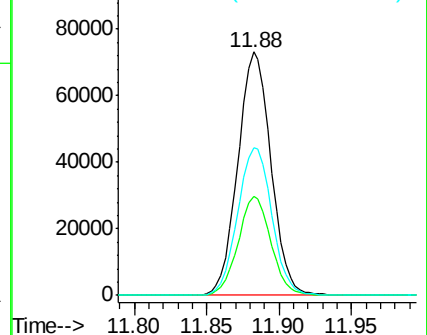
148 62.7 31.5 94.5



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: 21.23 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

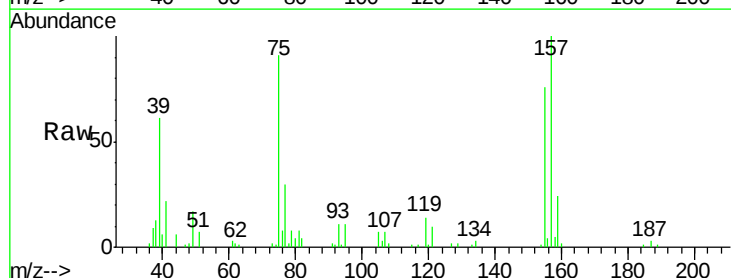
Tgt Ion: 75 Resp: 19631

Ion Ratio Lower Upper

75 100

155 85.6 44.5 133.3

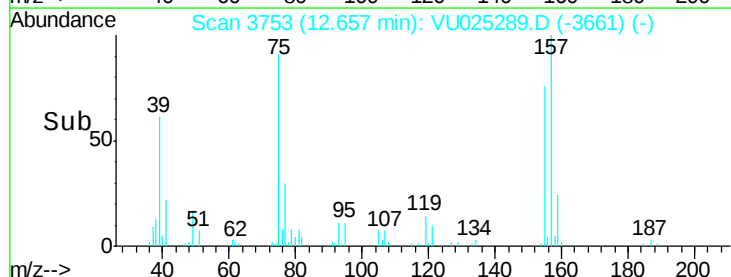
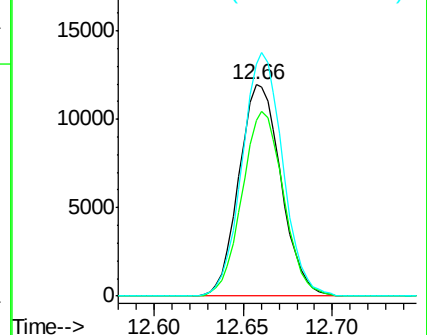
157 111.1 57.0 170.8

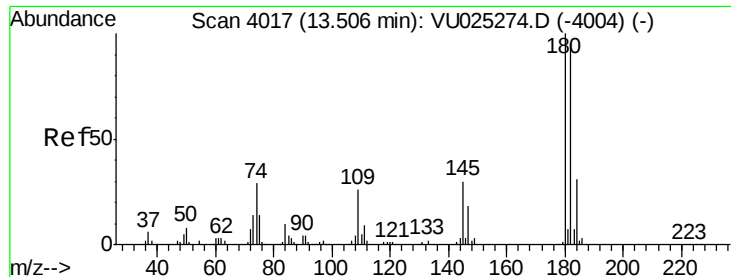


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

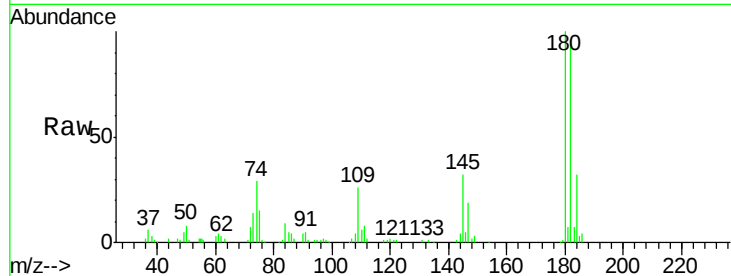




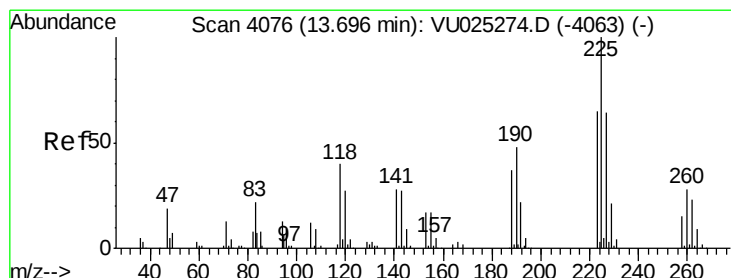
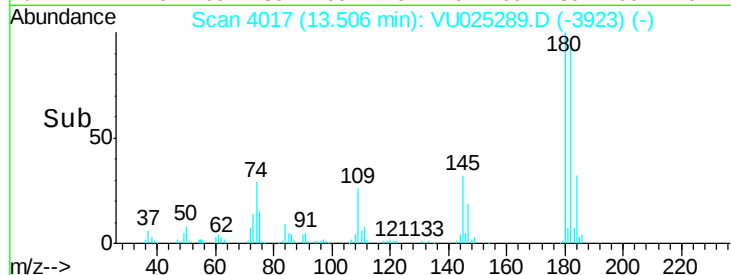
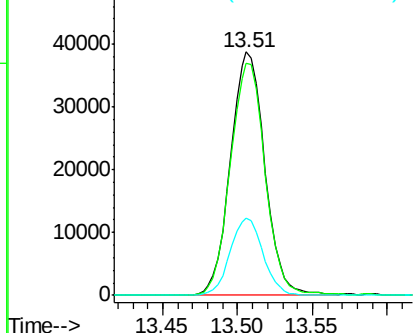
#93
 1,2,4-Trichlorobenzene
 Concen: 19.02 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion:180 Resp: 62048
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.9
 145 30.4 14.9 44.7

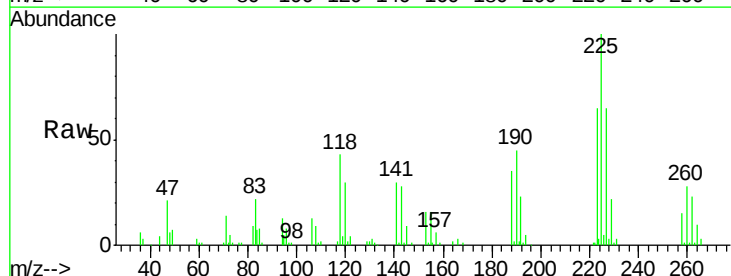


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

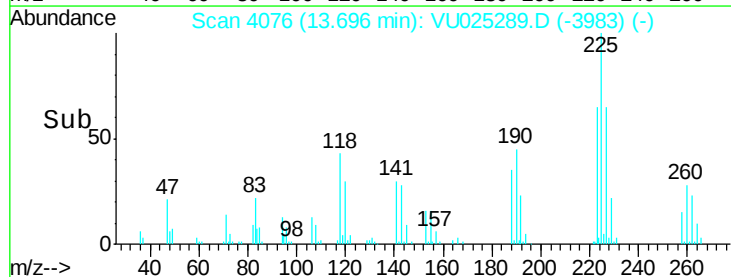
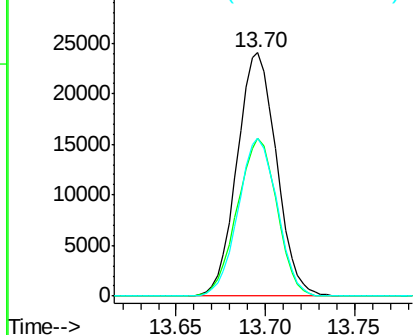


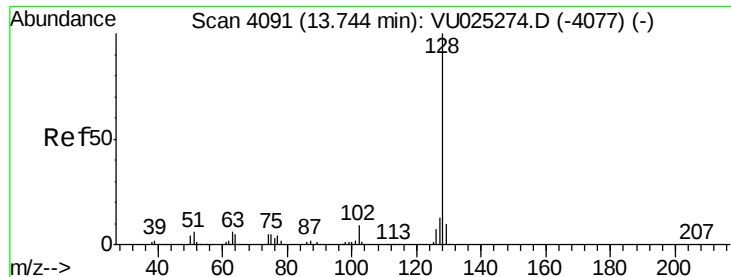
#94
 Hexachlorobutadiene
 Concen: 18.83 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025289.D
 Acq: 10 Jul 2018 15:15

Tgt Ion:225 Resp: 37061
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.9 95.7
 227 64.2 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: 19.66 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

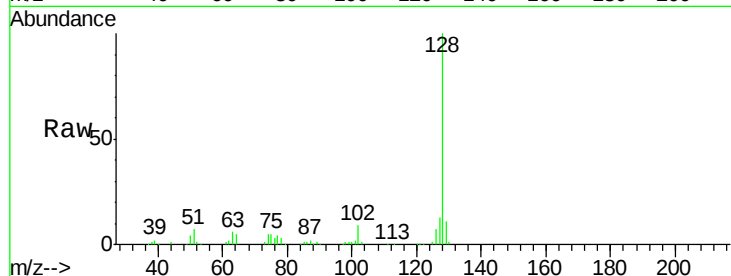
Tot Ion:128 Resp: 202989

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

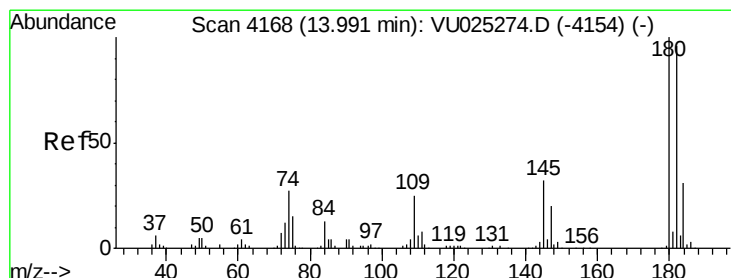
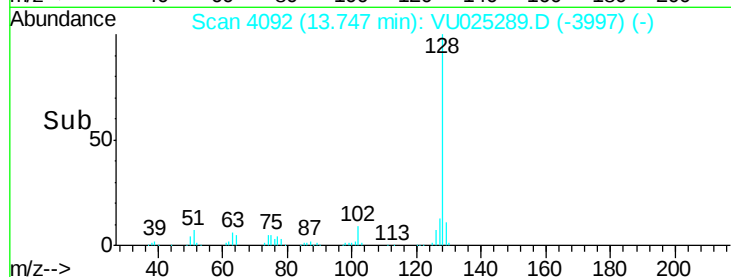
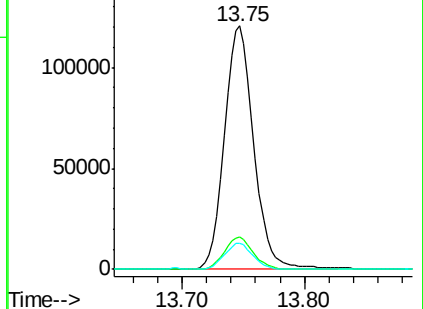
129 10.2 8.3 12.5



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



#96

1,2,3-Trichlorobenzene

Concen: 20.19 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025289.D

Acq: 10 Jul 2018 15:15

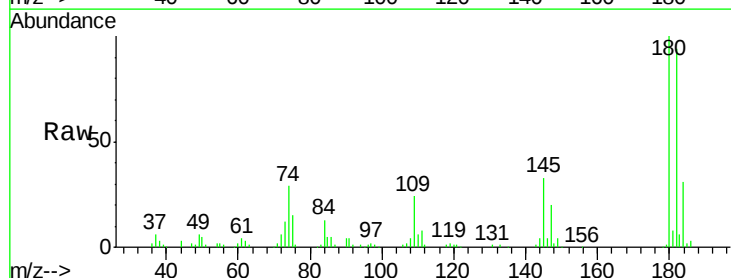
Tgt Ion:180 Resp: 69581

Ion Ratio Lower Upper

180 100

182 92.5 47.8 143.3

145 31.5 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

