

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025328.D
 Acq On : 11 Jul 2018 20:45
 Operator : MD/SY
 Sample : J3922-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

Quant Time: Jul 12 03:15:21 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	169574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	260224	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	247008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150918	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	127110	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	4.89	113	101646	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
50) Toluene-d8	7.57	98	335635	44.65	ug/l	0.00
Spiked Amount			Recovery	=	89.30%	
62) 4-Bromofluorobenzene	10.31	95	139460	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81087	46.21	ug/l	99
3) Chloromethane	1.33	50	86443	49.44	ug/l	100
4) Vinyl Chloride	1.40	62	93073	48.26	ug/l	100
5) Bromomethane	1.62	94	51833	52.97	ug/l	99
6) Chloroethane	1.69	64	61440	50.10	ug/l	96
7) Trichlorofluoromethane	1.89	101	148307	48.93	ug/l	98
8) Diethyl Ether	2.10	74	58461	51.40	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	93393	49.72	ug/l	99
10) Methyl Iodide	2.41	142	100317	48.07	ug/l	99
11) Tert butyl alcohol	2.82	59	153431	266.96	ug/l	100
12) 1,1-Dichloroethene	2.28	96	84364	49.08	ug/l	96
13) Acrolein	2.19	56	57163	150.34	ug/l	99
14) Allyl chloride	2.59	41	144914	46.49	ug/l	100
15) Acrylonitrile	2.93	53	323076	273.42	ug/l	100
16) Acetone	2.32	43	301569	224.82	ug/l	98
17) Carbon Disulfide	2.48	76	216296	43.33	ug/l	100
18) Methyl Acetate	2.62	43	151648	56.22	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	355087	54.31	ug/l	98
20) Methylene Chloride	2.70	84	106813	52.37	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	96007	48.88	ug/l	99
22) Diisopropyl ether	3.57	45	340665	53.51	ug/l	98
23) Vinyl Acetate	3.53	43	1443839	258.53	ug/l	100
24) 1,1-Dichloroethane	3.45	63	193688	53.95	ug/l	99
25) 2-Butanone	4.26	43	471185	258.03	ug/l	100
26) 2,2-Dichloropropane	4.23	77	144009	41.72	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	118156	51.99	ug/l	98
28) Bromochloromethane	4.55	49	92618	53.42	ug/l	98
29) Tetrahydrofuran	4.63	42	298466	272.50	ug/l	99
30) Chloroform	4.68	83	205197	53.97	ug/l	99
31) Cyclohexane	5.00	56	159702	48.03	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	185033	53.70	ug/l	99
36) 1,1-Dichloropropene	5.14	75	138753	47.96	ug/l	99
37) Ethyl Acetate	4.38	43	164226	50.90	ug/l	99
38) Carbon Tetrachloride	5.14	117	160638	51.59	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	167757	46.49	ug/l	99
40) Benzene	5.39	78	424841	50.96	ug/l	98
41) Methacrylonitrile	4.54	41	96622	54.01	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174625	52.69	ug/l	99
43) Isopropyl Acetate	5.55	43	278728	53.95	ug/l	98
44) Trichloroethene	6.19	130	114834	47.97	ug/l	100
45) 1,2-Dichloropropane	6.44	63	115263	52.79	ug/l	98
46) Dibromomethane	6.56	93	81381	51.21	ug/l	99
47) Bromodichloromethane	6.76	83	156237	52.93	ug/l	97
48) Methyl methacrylate	6.62	41	141623	54.98	ug/l	99
49) 1,4-Dioxane	6.62	88	60411	974.73	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	911882	271.55	ug/l	99
52) Toluene	7.64	92	274192	51.69	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	162266	50.03	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	172386	49.94	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	119107	53.92	ug/l	98
56) Ethyl methacrylate	8.02	69	183768	53.26	ug/l	99
57) 1,3-Dichloropropane	8.25	76	194493	53.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	219	11.28	ug/l #	47
59) 2-Hexanone	8.36	43	707433	259.72	ug/l	99
60) Dibromochloromethane	8.48	129	129721	54.37	ug/l	99
61) 1,2-Dibromoethane	8.59	107	127784	54.06	ug/l	99
64) Tetrachloroethene	8.23	164	103090	45.79	ug/l	99
65) Chlorobenzene	9.12	112	1636015	265.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	120965	54.80	ug/l	100
67) Ethyl Benzene	9.25	91	539983	51.33	ug/l	100
68) m/p-Xylenes	9.38	106	415035	102.05	ug/l	100
69) o-Xylene	9.78	106	210502	51.70	ug/l	96
70) Styrene	9.80	104	339792	52.54	ug/l	99
71) Bromoform	9.96	173	102272	48.12	ug/l #	99
73) Isopropylbenzene	10.17	105	571132	49.53	ug/l	99
74) N-amyl acetate	10.01	43	239816	50.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	194148	51.46	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	219057	69.92	ug/l	87
77) Bromobenzene	10.45	156	146388	49.62	ug/l	98
78) n-propylbenzene	10.59	91	628826	49.14	ug/l	100
79) 2-Chlorotoluene	10.66	91	379296	51.62	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	481437	49.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	220666	183.53	ug/l #	100
82) 4-Chlorotoluene	10.78	91	438258	48.37	ug/l	100
83) tert-Butylbenzene	11.10	119	535962	54.66	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	489612	49.24	ug/l	98
85) sec-Butylbenzene	11.33	105	610134	52.85	ug/l	96
86) p-Isopropyltoluene	11.48	119	513015	50.19	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264887	49.13	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	266146	50.52	ug/l	100
89) n-Butylbenzene	11.89	91	416718	49.59	ug/l	99
90) Hexachloroethane	12.15	117	88766	51.28	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	270242	49.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50996	55.73	ug/l	97

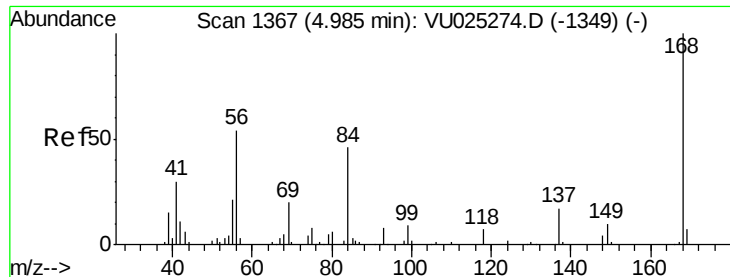
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	171696	47.28	ug/l	98
94) Hexachlorobutadiene	13.70	225	95042	48.81	ug/l	99
95) Naphthalene	13.74	128	577036	51.97	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	183095	49.49	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

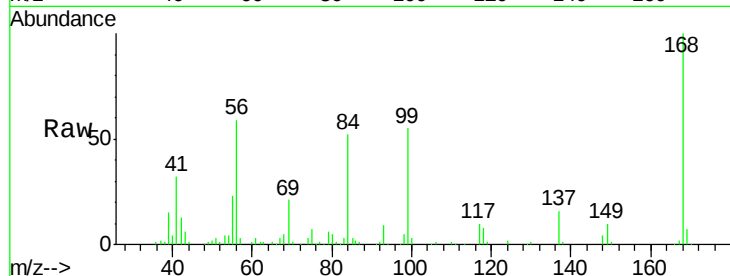
SS037MW036-180709MS

Tot Ion:168 Resp: 169574

Ion Ratio Lower Upper

168 100

99 54.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

80000

60000

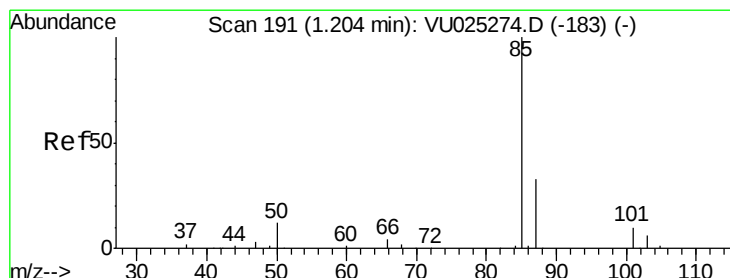
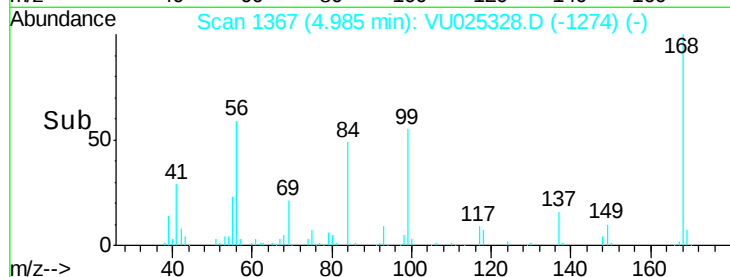
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.21 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025328.D

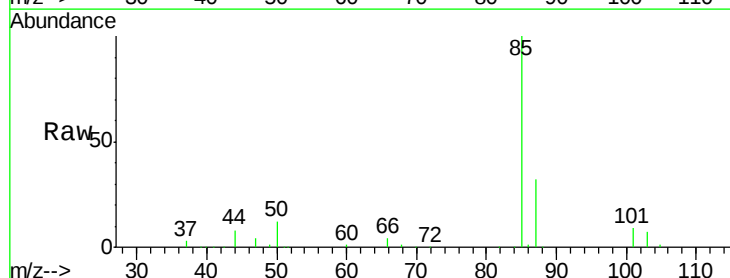
Acq: 11 Jul 2018 20:45

Tgt Ion: 85 Resp: 81087

Ion Ratio Lower Upper

85 100

87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0

80000

60000

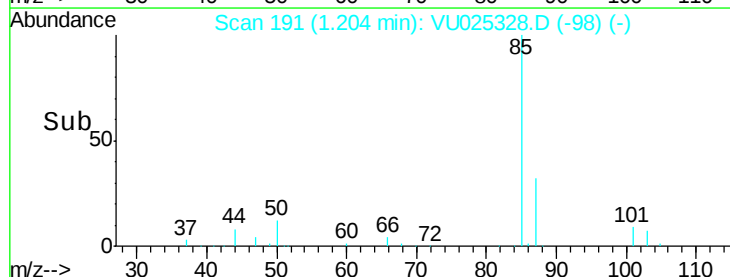
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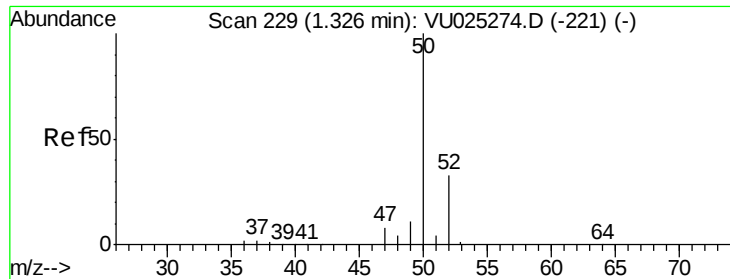
20000

0

1.15 1.20 1.25

Time-->

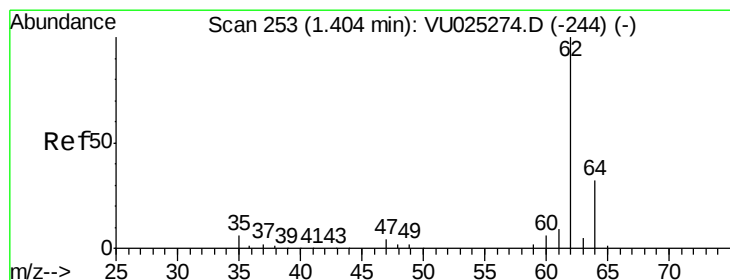
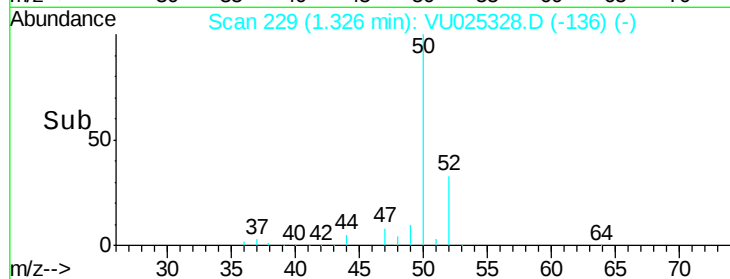
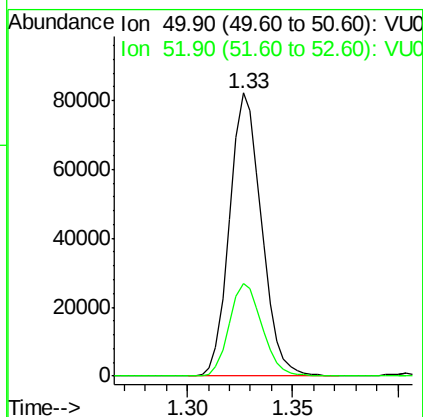
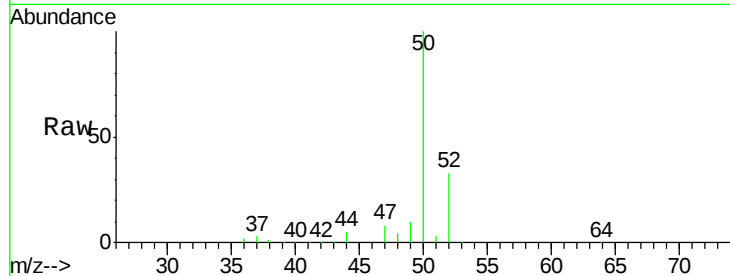




#3
Chloromethane
Concen: 49.44 ug/l
RT: 1.33 min Scan# 229
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

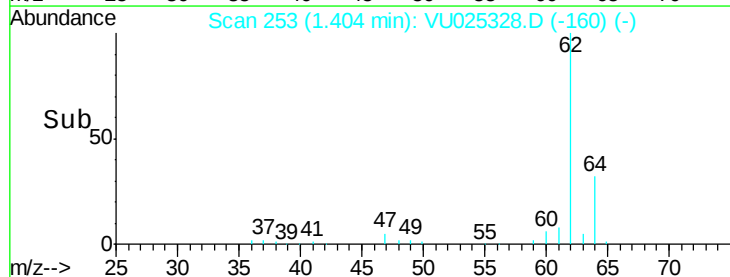
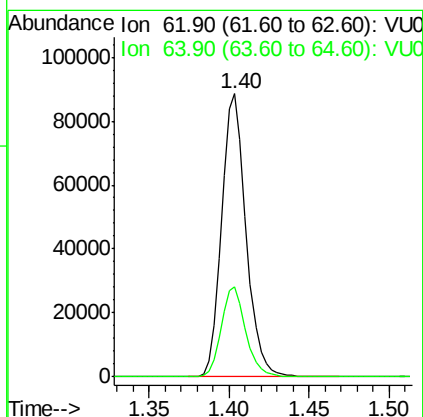
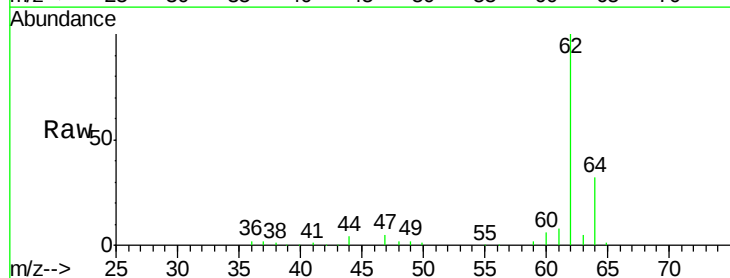
Instrument :
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SS037MW036-180709MS

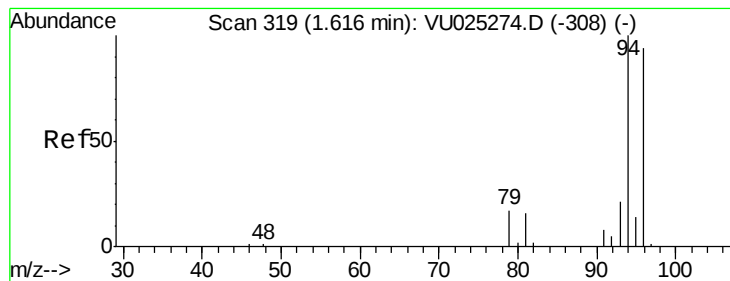
Tot Ion: 50 Resp: 86443
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



#4
Vinyl Chloride
Concen: 48.26 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 62 Resp: 93073
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5

Bromomethane

Concen: 52.97 ug/l

RT: 1.62 min Scan# 319

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

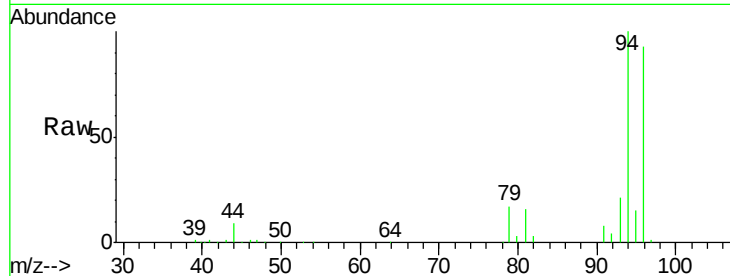
SS037MW036-180709MS

Tot Ion: 94 Resp: 51833

Ion Ratio Lower Upper

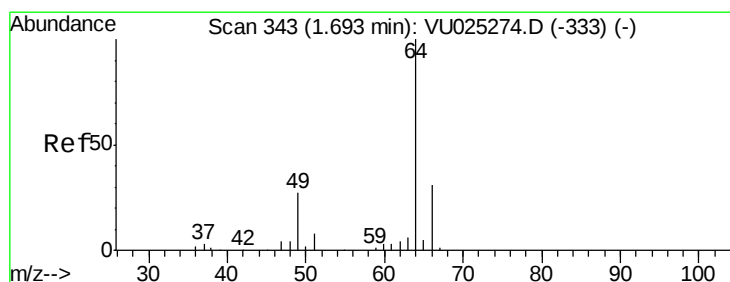
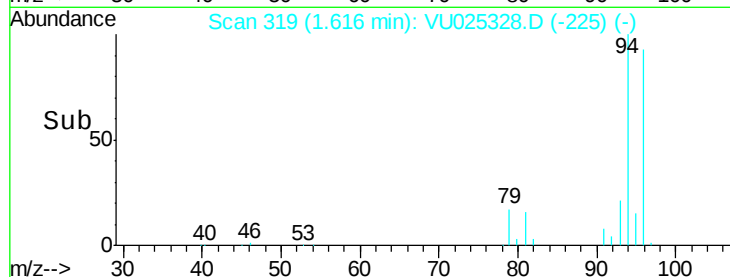
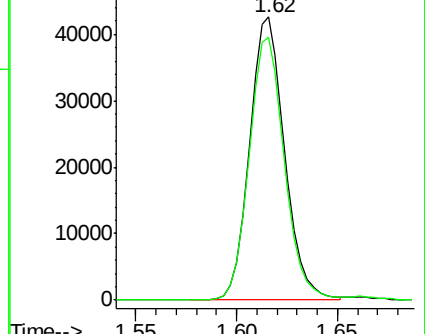
94 100

96 93.1 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 50.10 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025328.D

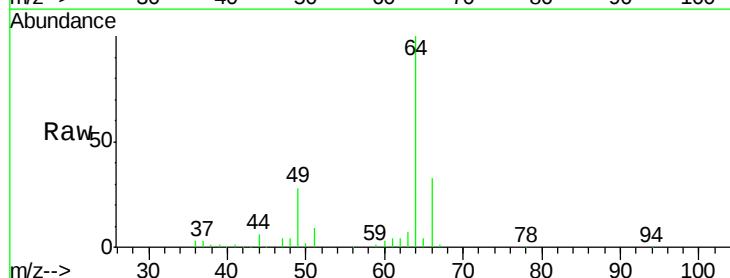
Acq: 11 Jul 2018 20:45

Tgt Ion: 64 Resp: 61440

Ion Ratio Lower Upper

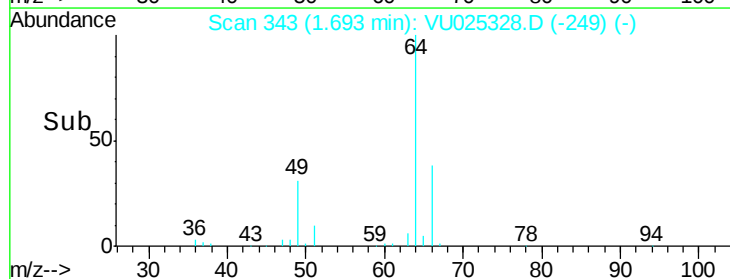
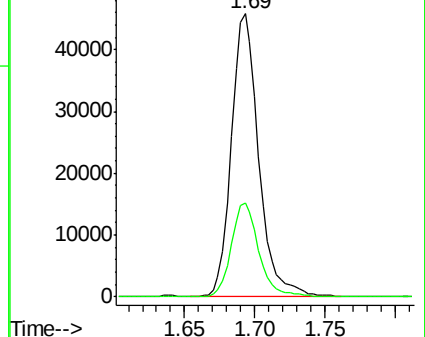
64 100

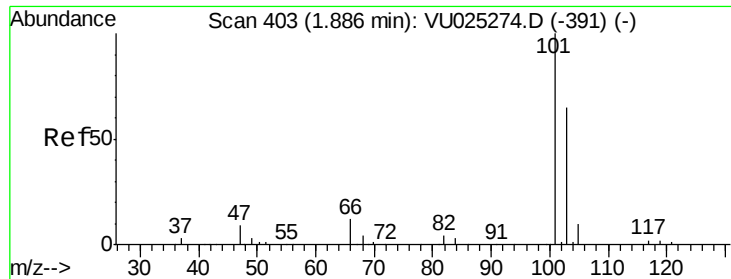
66 33.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



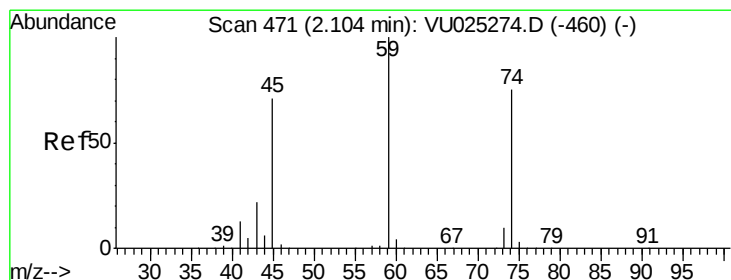
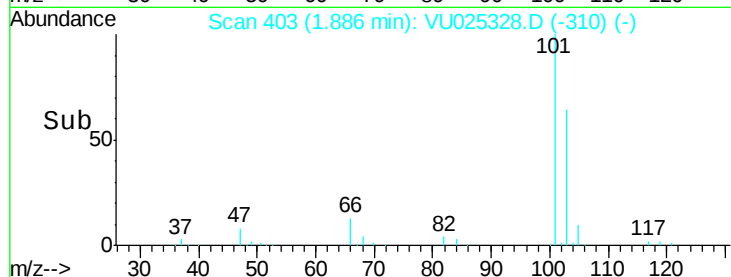
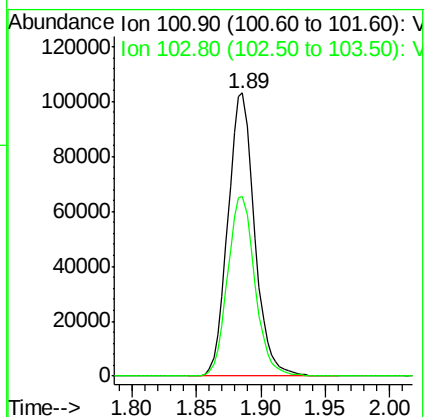
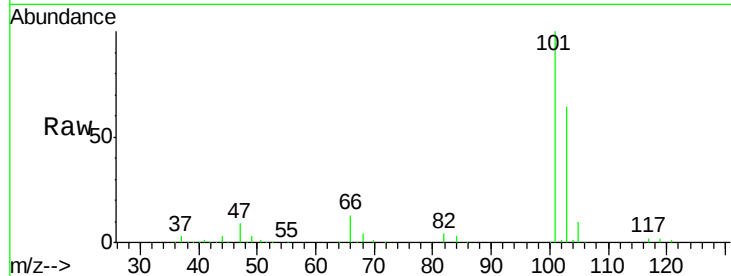


#7

Trichlorofluoromethane
 Concen: 48.93 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Instrument :
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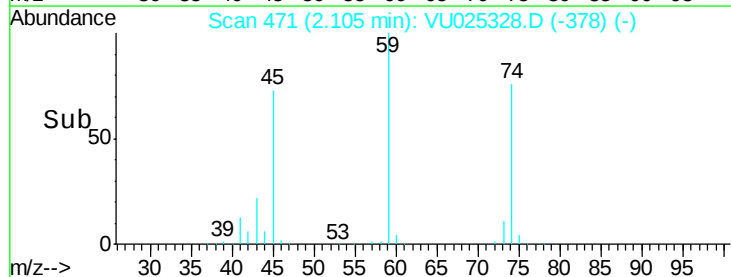
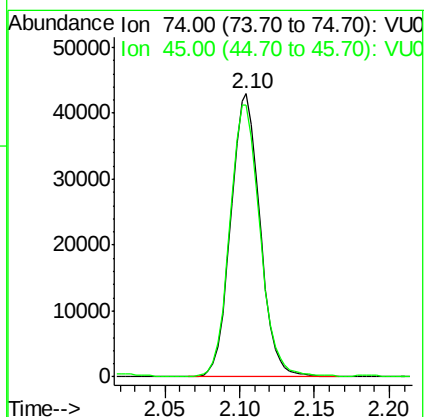
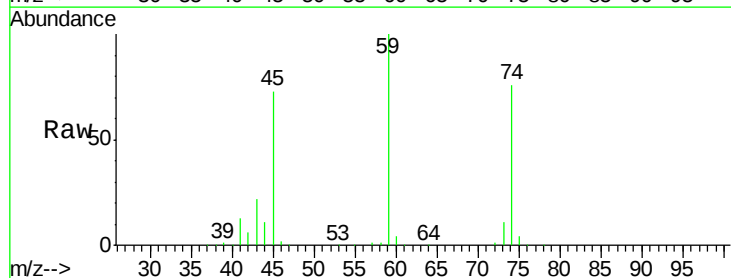
Tot Ion:101 Resp: 148307
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.2 78.2

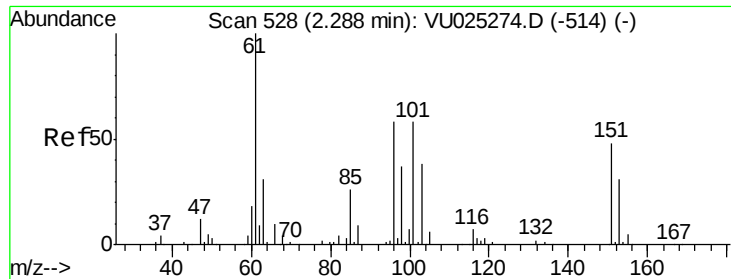


#8

Diethyl Ether
 Concen: 51.40 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 74 Resp: 58461
 Ion Ratio Lower Upper
 74 100
 45 100.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.72 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

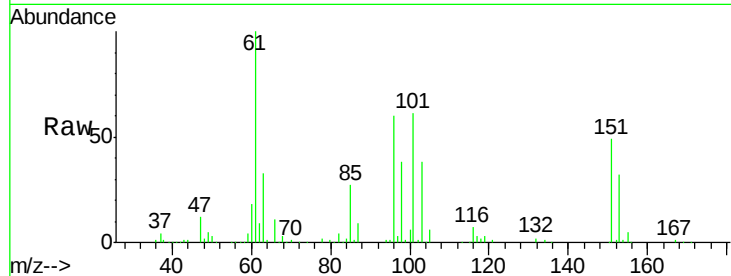
Tot Ion:101 Resp: 93393

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

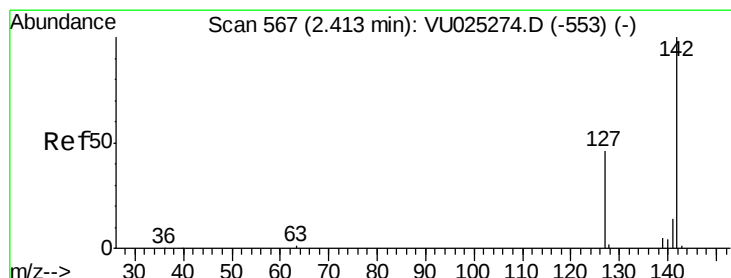
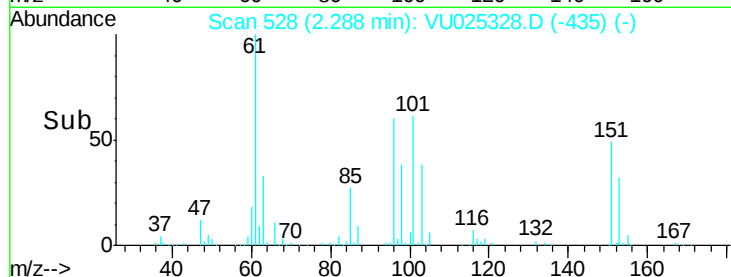
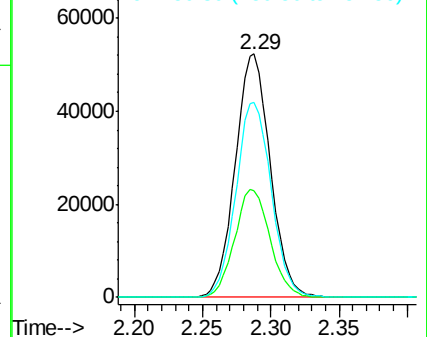
151 81.0 65.6 98.4



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: 48.07 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

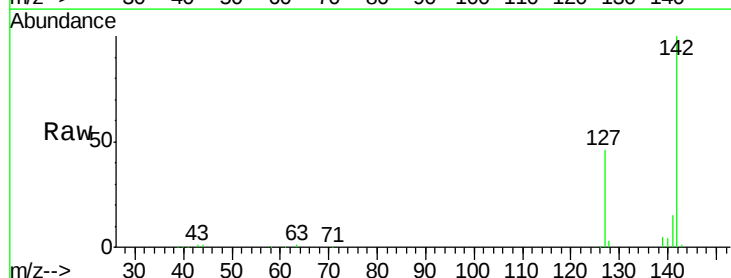
Tgt Ion:142 Resp: 100317

Ion Ratio Lower Upper

142 100

127 46.7 36.5 54.7

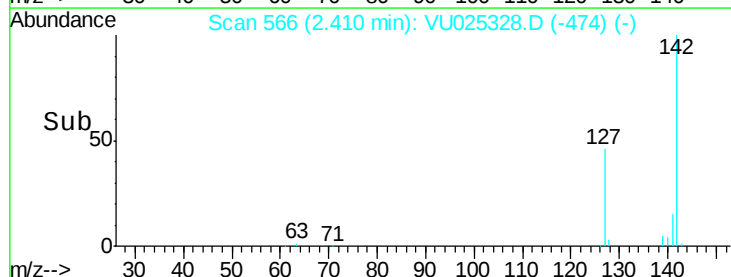
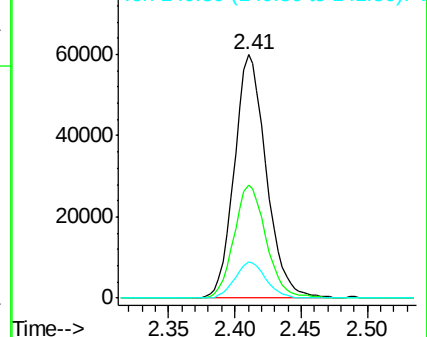
141 14.4 11.4 17.2

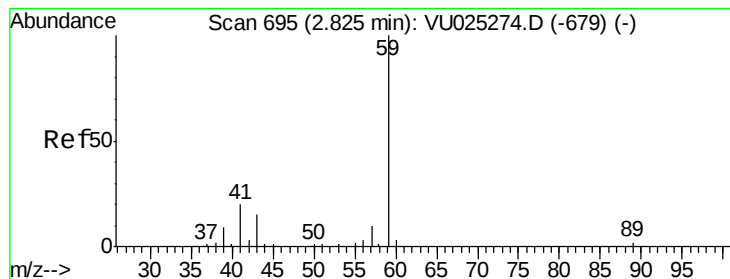


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



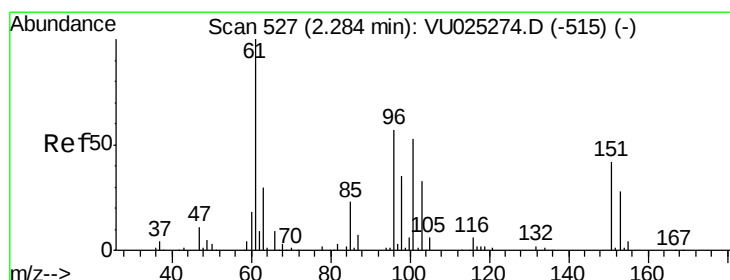
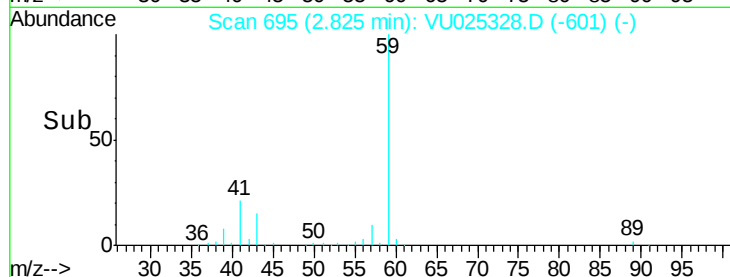
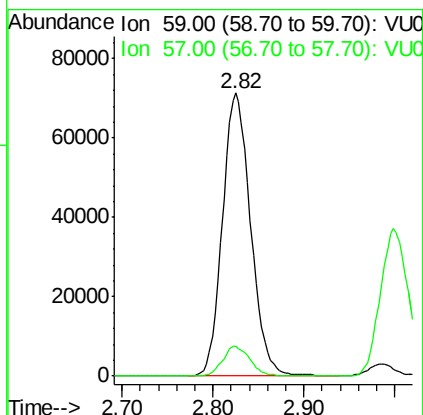
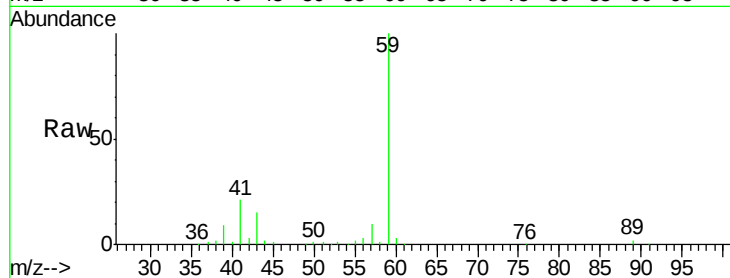


#11

Tert butyl alcohol
 Concen: 266.96 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

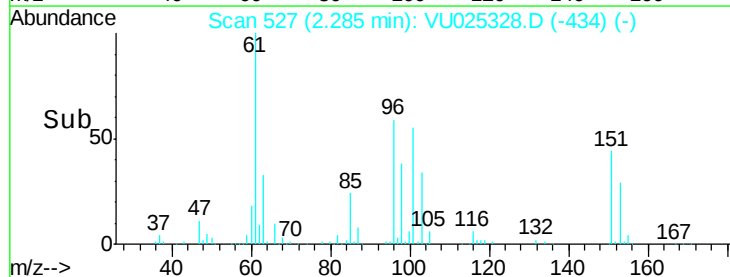
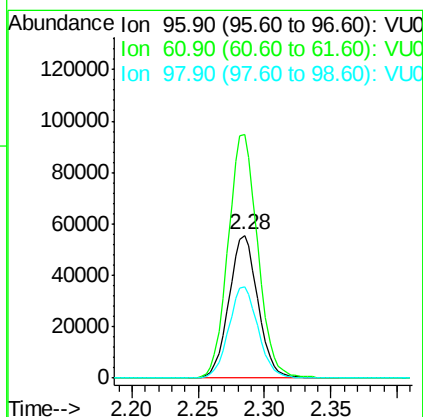
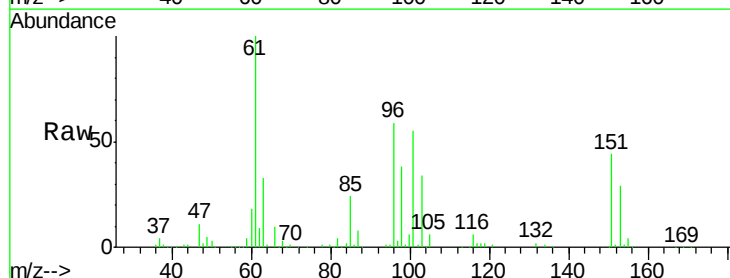
Tot Ion: 59 Resp: 153431
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

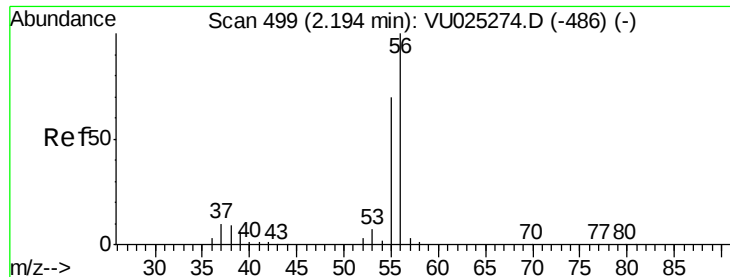


#12

1,1-Dichloroethene
 Concen: 49.08 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 96 Resp: 84364
 Ion Ratio Lower Upper
 96 100
 61 170.1 140.2 210.4
 98 63.9 49.3 73.9





#13

Acrolein

Concen: 150.34 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

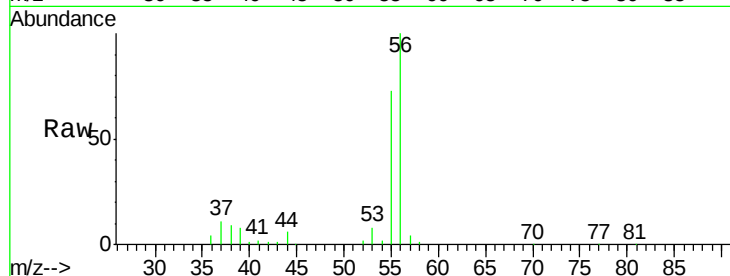
SS037MW036-180709MS

Tot Ion: 56 Resp: 57163

Ion Ratio Lower Upper

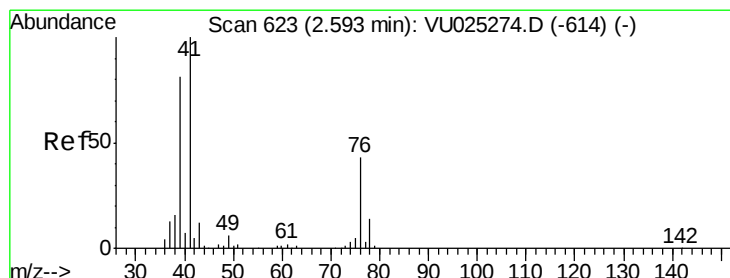
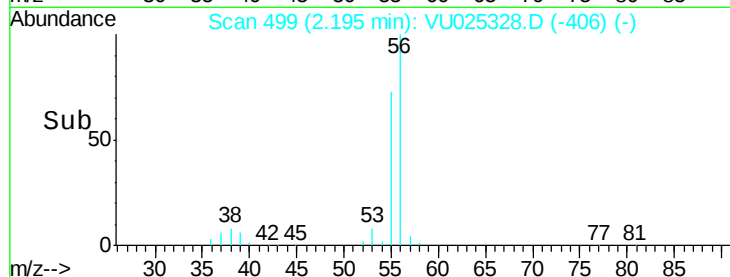
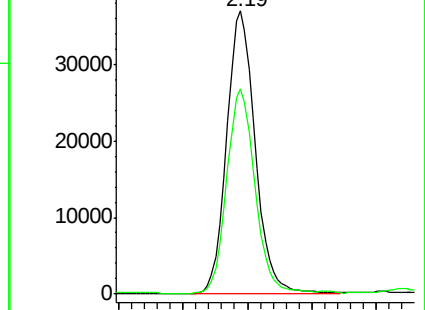
56 100

55 71.9 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025328.D (-406) (-)

Ion 55.00 (54.70 to 55.70): VU025328.D (-406) (-)



#14

Allyl chloride

Concen: 46.49 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

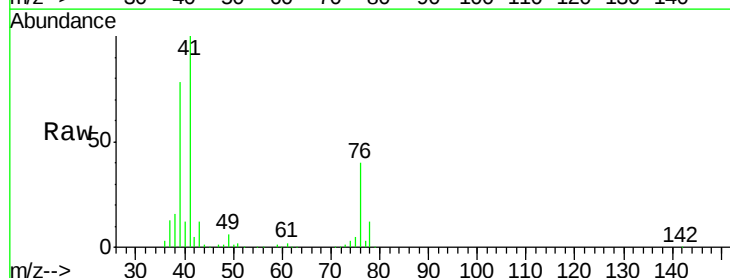
Tgt Ion: 41 Resp: 144914

Ion Ratio Lower Upper

41 100

39 76.2 60.6 91.0

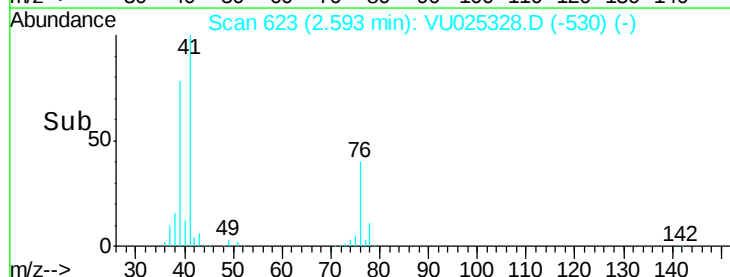
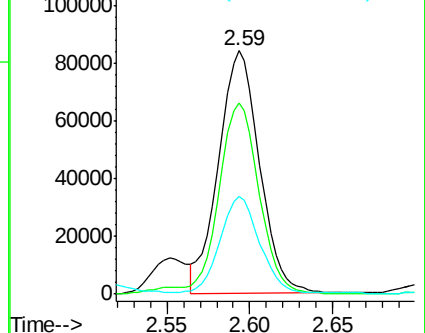
76 38.0 30.5 45.7

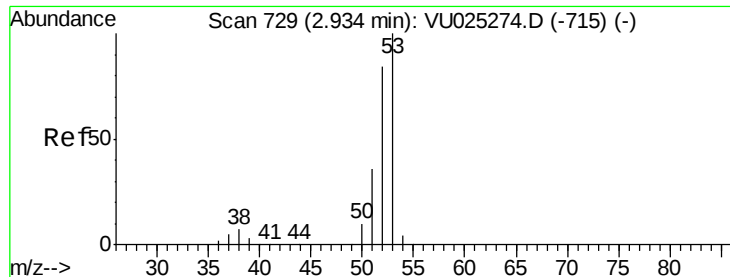


Abundance Ion 41.00 (40.70 to 41.70): VU025328.D (-530) (-)

Ion 39.00 (38.70 to 39.70): VU025328.D (-530) (-)

Ion 75.90 (75.60 to 76.60): VU025328.D (-530) (-)





#15

Acrylonitrile

Concen: 273.42 ug/l

RT: 2.93 min Scan# 729

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

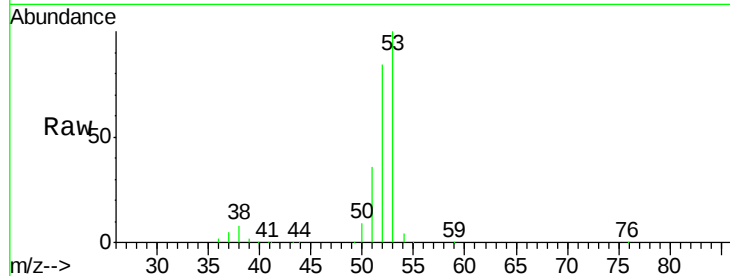
Tot Ion: 53 Resp: 323076

Ion Ratio Lower Upper

53 100

52 83.1 66.6 99.8

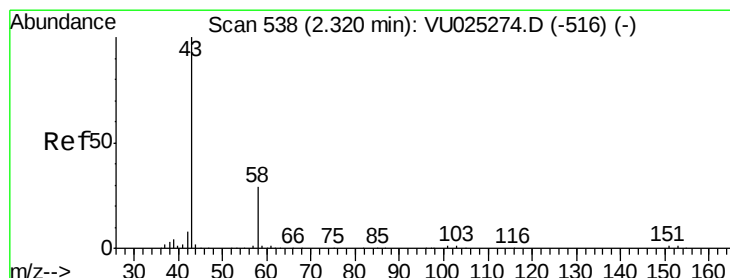
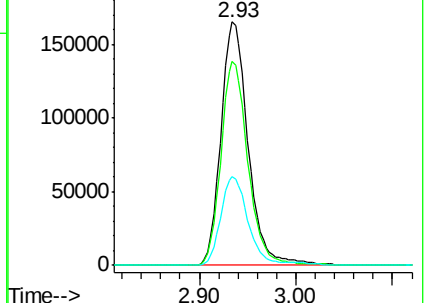
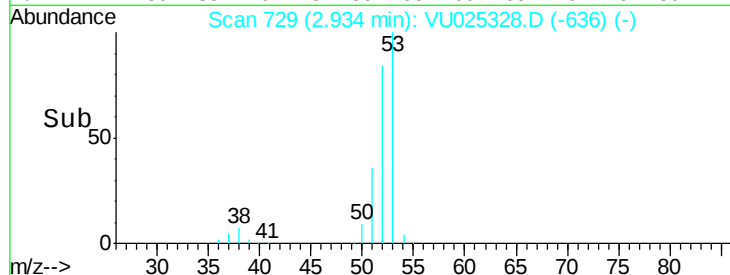
51 36.2 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU025328.D (-636) (-)

Ion 52.00 (51.70 to 52.70): VU025328.D (-636) (-)

Ion 51.00 (50.70 to 51.70): VU025328.D (-636) (-)



#16

Acetone

Concen: 224.82 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025328.D

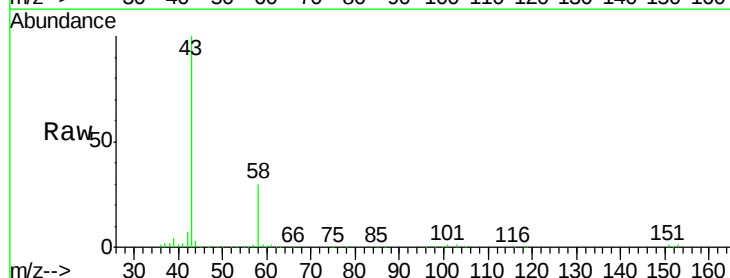
Acq: 11 Jul 2018 20:45

Tgt Ion: 43 Resp: 301569

Ion Ratio Lower Upper

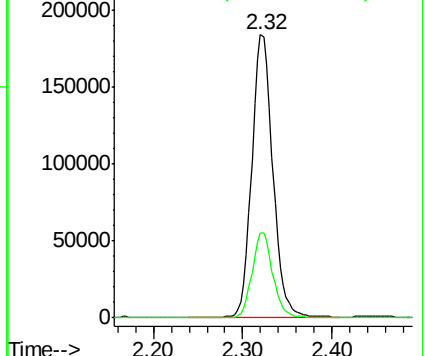
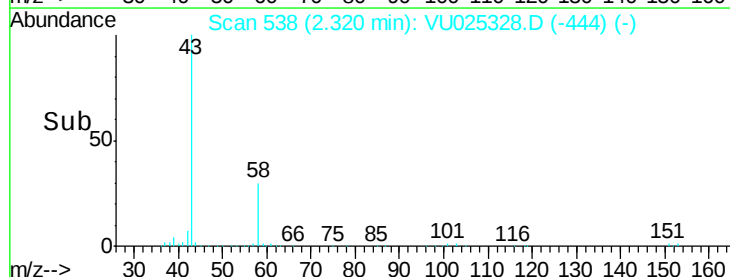
43 100

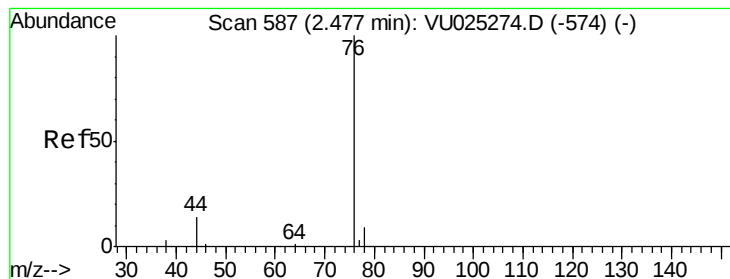
58 30.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025328.D (-444) (-)

Ion 58.00 (57.70 to 58.70): VU025328.D (-444) (-)





#17

Carbon Disulfide

Concen: 43.33 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

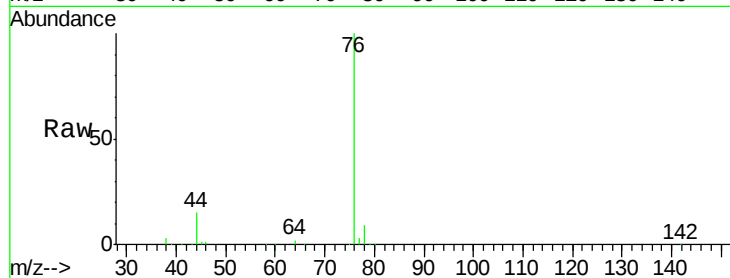
SS037MW036-180709MS

Tot Ion: 76 Resp: 216296

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025328.D (-494) (-)

Ion 77.90 (77.60 to 78.60): VU025328.D (-494) (-)

2.48

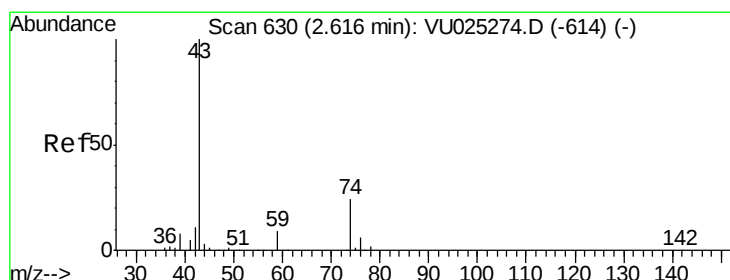
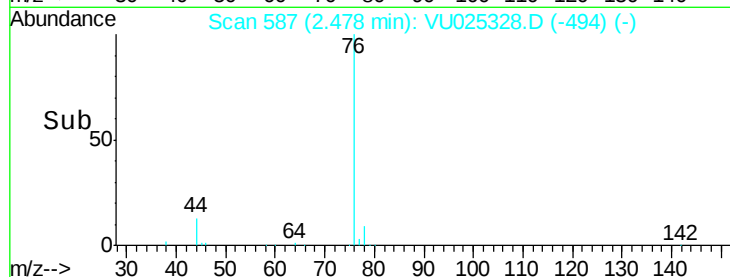
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.22 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025328.D

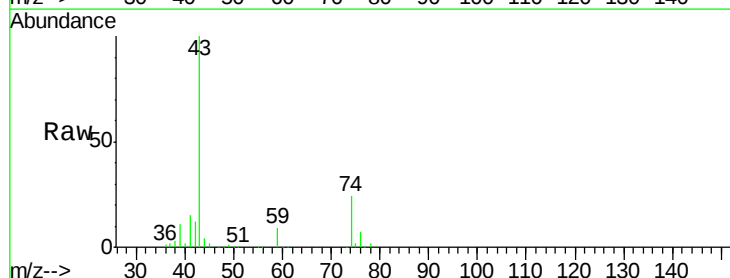
Acq: 11 Jul 2018 20:45

Tgt Ion: 43 Resp: 151648

Ion Ratio Lower Upper

43 100

74 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025328.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU025328.D (-537) (-)

2.62

100000

80000

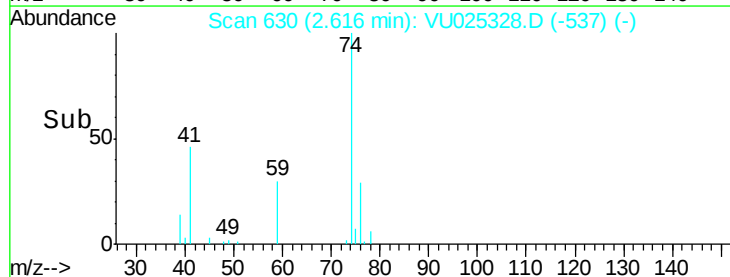
60000

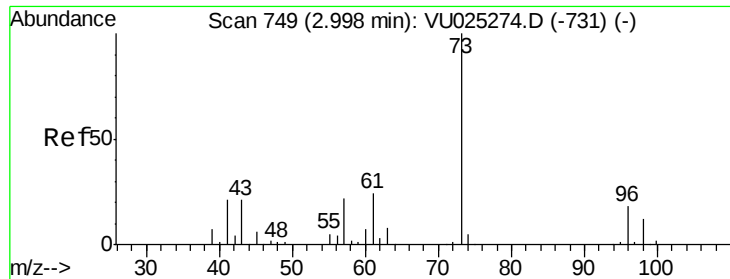
40000

20000

0

Time-->

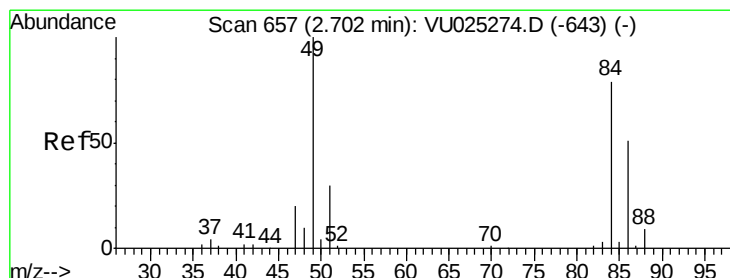
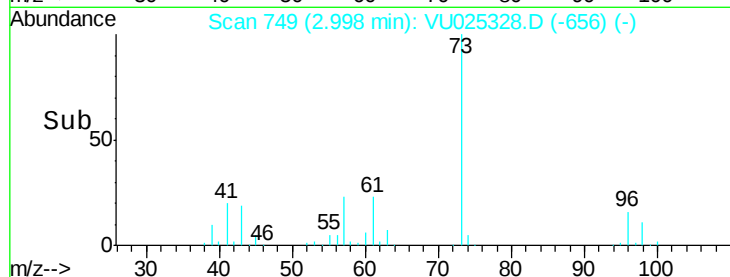
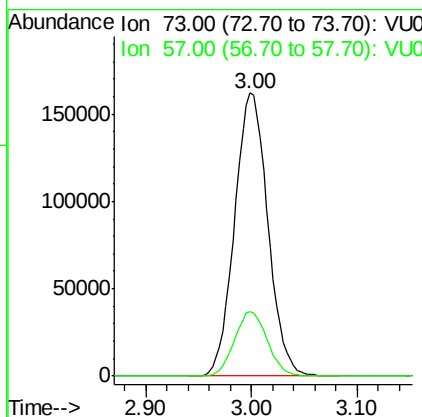
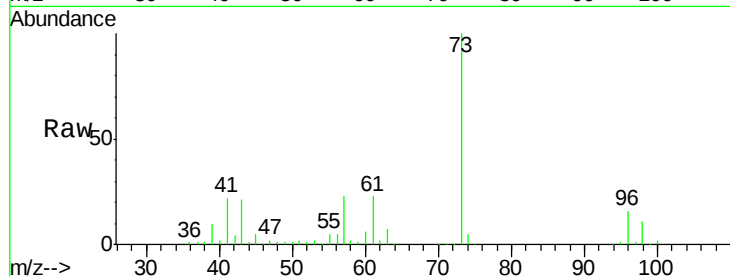




#19
Methyl tert-butyl Ether
Concen: 54.31 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

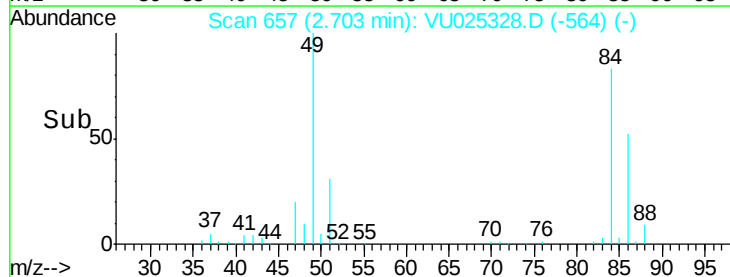
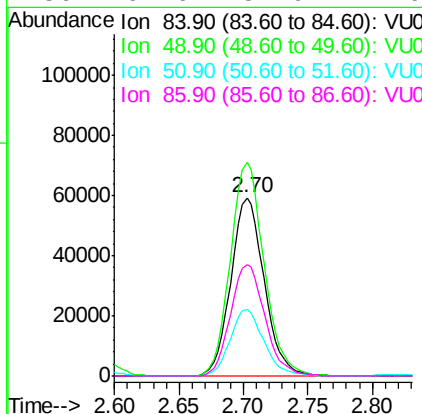
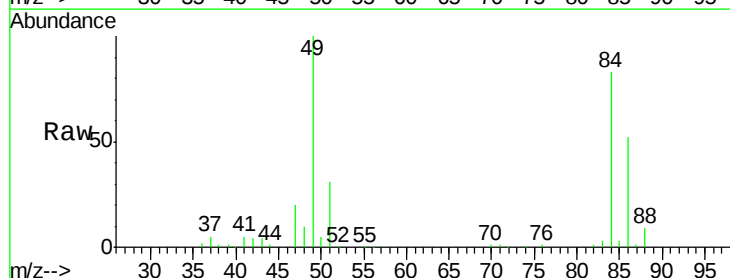
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

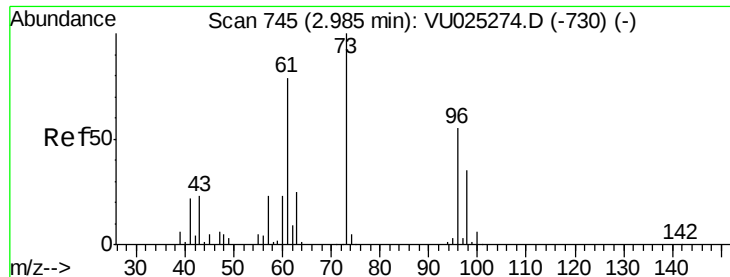
Tot Ion: 73 Resp: 355087
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2



#20
Methylene Chloride
Concen: 52.37 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 84 Resp: 106813
Ion Ratio Lower Upper
84 100
49 119.9 101.8 152.6
51 37.6 30.8 46.2
86 62.6 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 48.88 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

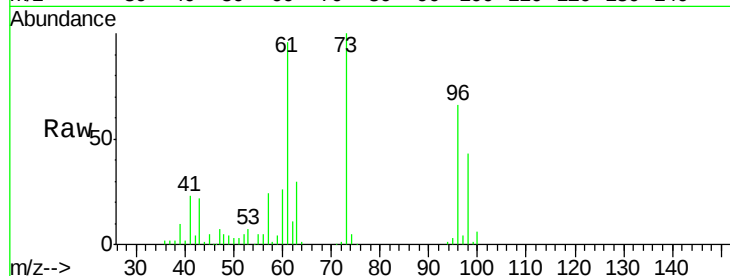
Tot Ion: 96 Resp: 96007

Ion Ratio Lower Upper

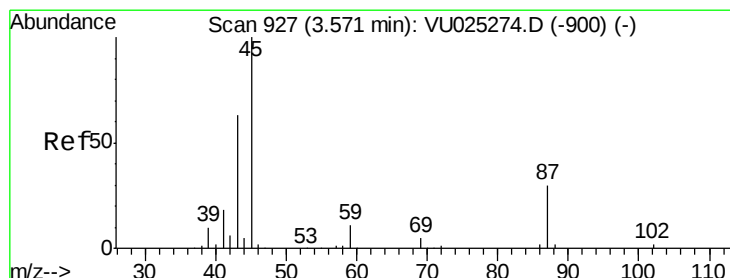
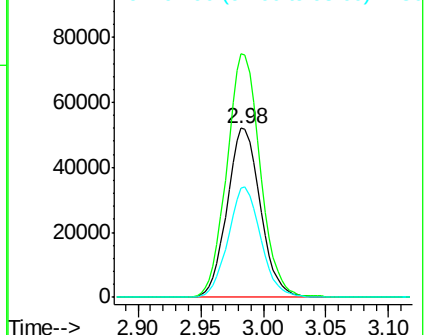
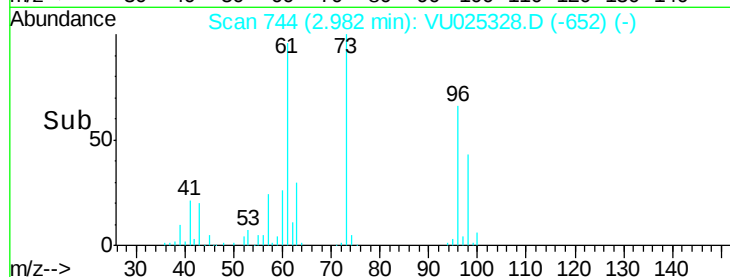
96 100

61 144.0 114.5 171.7

98 64.4 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025328.D (-652) (-)



#22

Diisopropyl ether

Concen: 53.51 ug/l

RT: 3.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Tgt Ion: 45 Resp: 340665

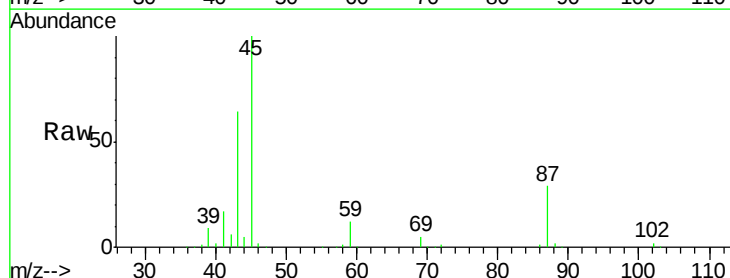
Ion Ratio Lower Upper

45 100

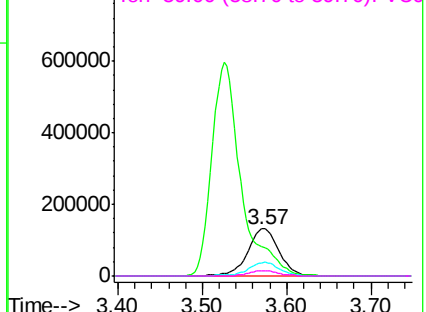
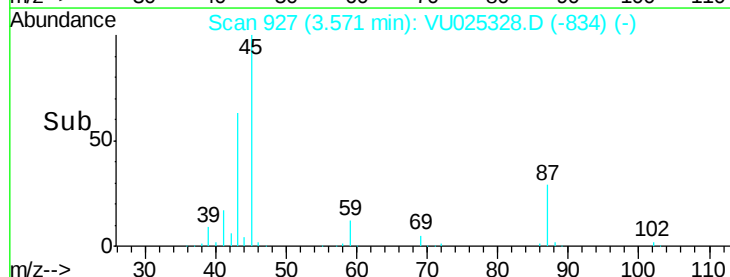
43 62.6 50.9 76.3

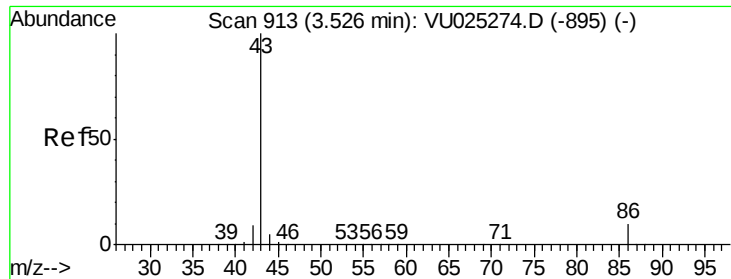
87 28.6 23.8 35.8

59 11.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU025328.D (-834) (-)





#23

Vinyl Acetate

Concen: 258.53 ug/l

RT: 3.53 min Scan# 913

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

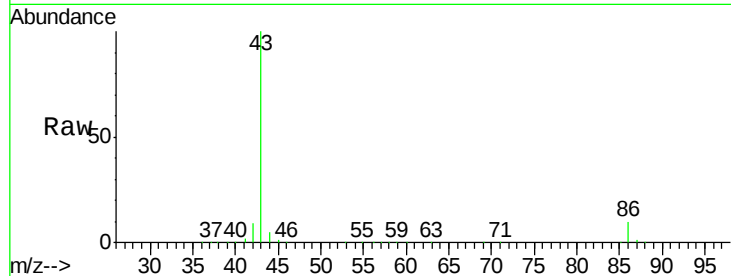
SS037MW036-180709MS

Tot Ion: 43 Resp: 1443839

Ion Ratio Lower Upper

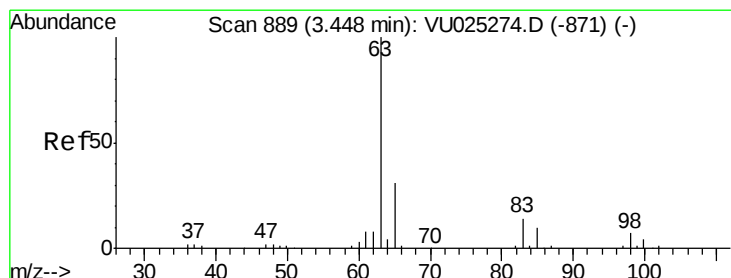
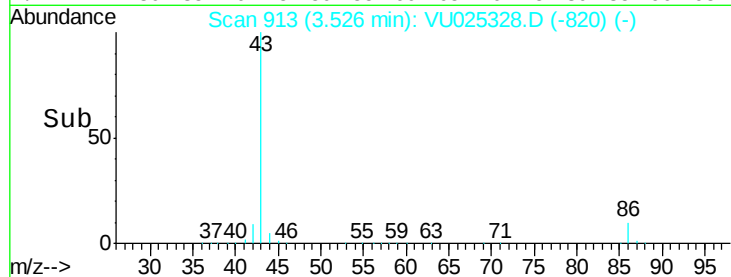
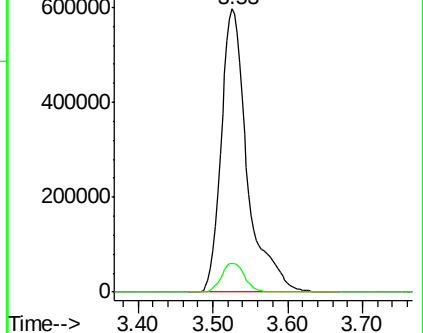
43 100

86 10.3 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: 53.95 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

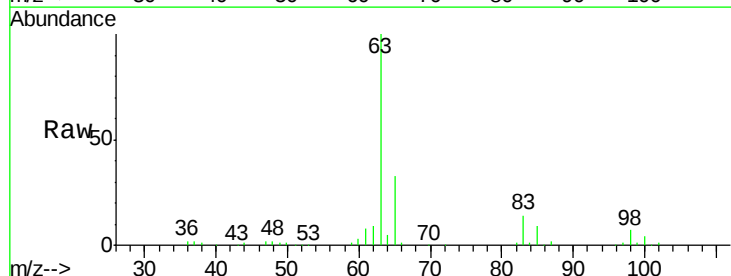
Tgt Ion: 63 Resp: 193688

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

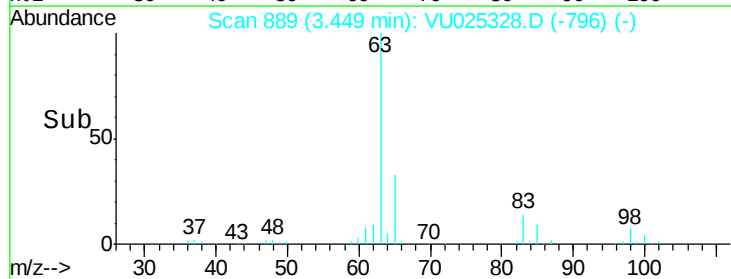
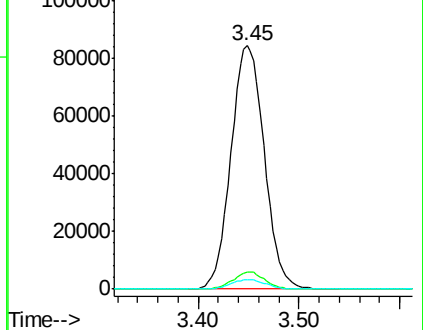
100 3.9 2.0 6.0

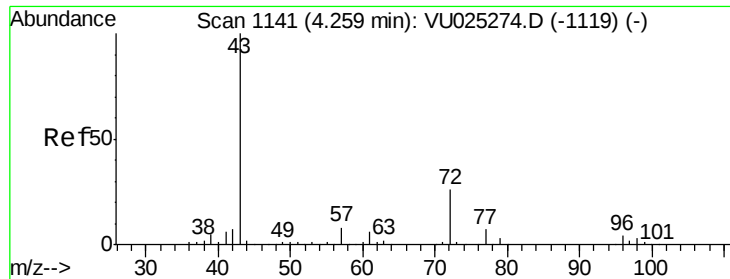


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 258.03 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

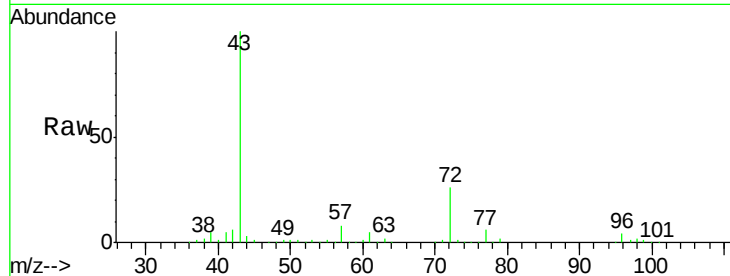
SS037MW036-180709MS

Tot Ion: 43 Resp: 471185

Ion Ratio Lower Upper

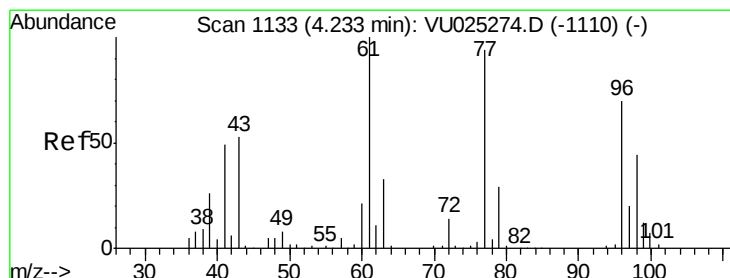
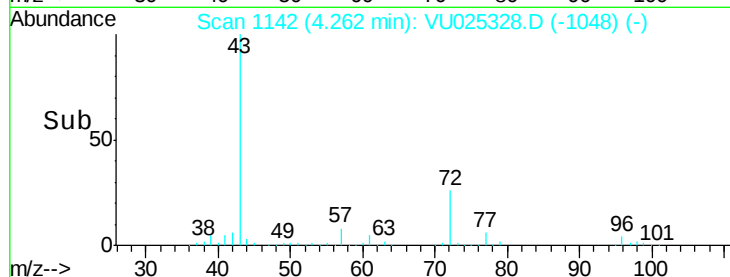
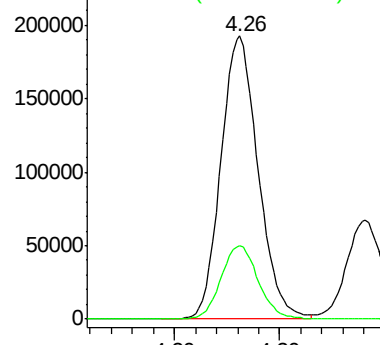
43 100

72 26.0 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: 41.72 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025328.D

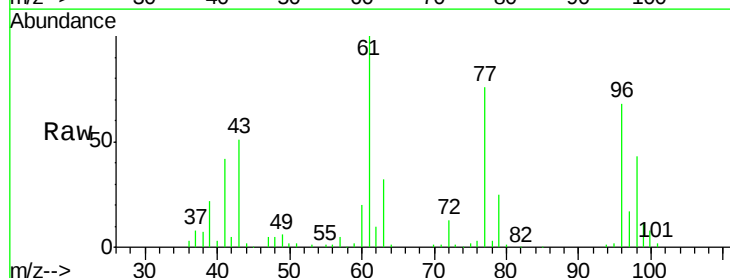
Acq: 11 Jul 2018 20:45

Tgt Ion: 77 Resp: 144009

Ion Ratio Lower Upper

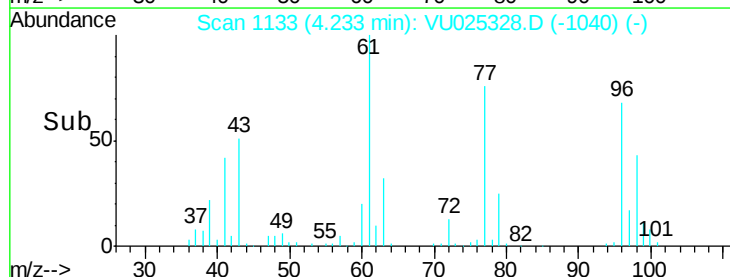
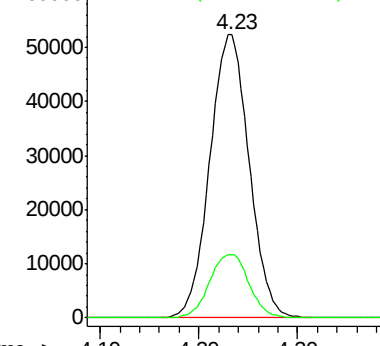
77 100

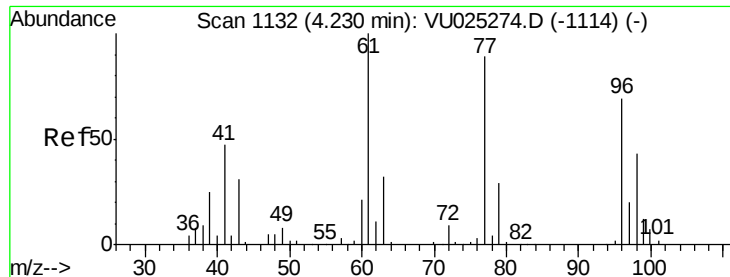
97 22.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

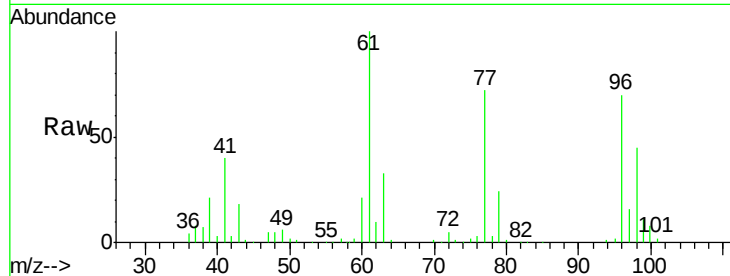




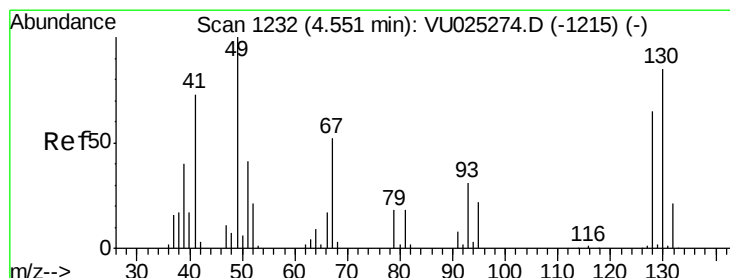
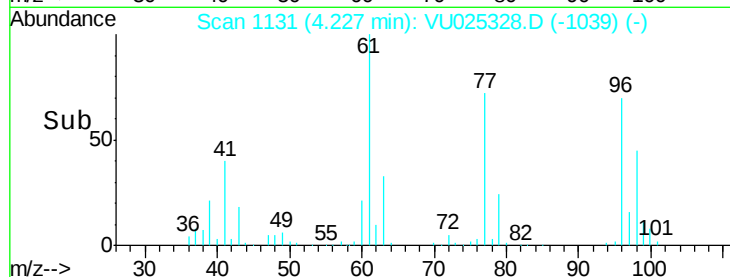
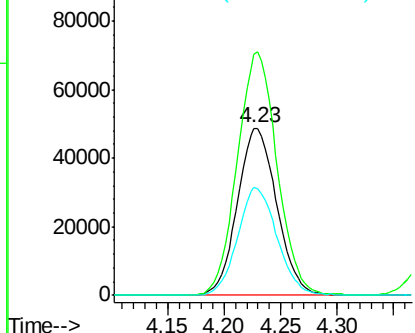
#27
 cis-1,2-Dichloroethene
 Concen: 51.99 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

Tot Ion: 96 Resp: 118156
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 299.8
 98 64.6 0.0 128.6

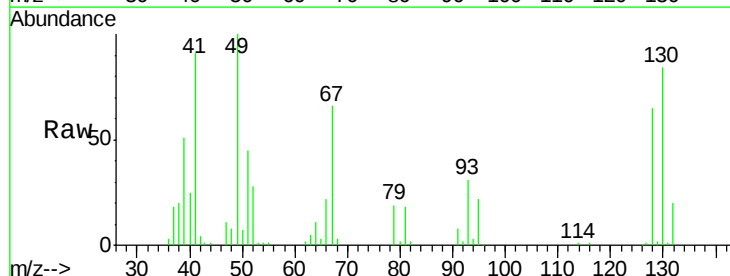


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

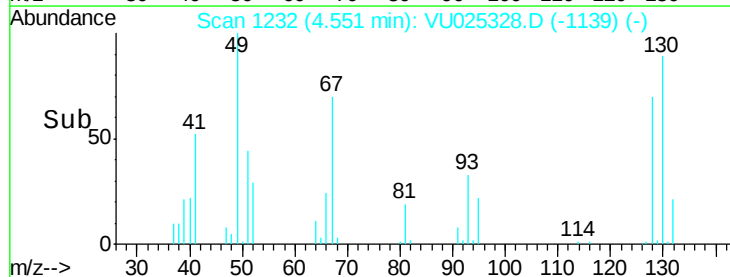
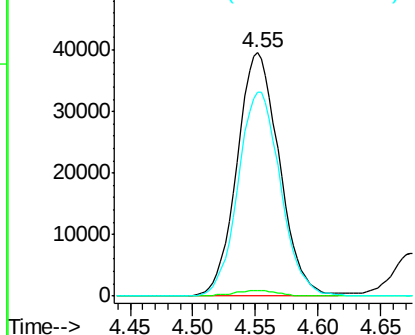


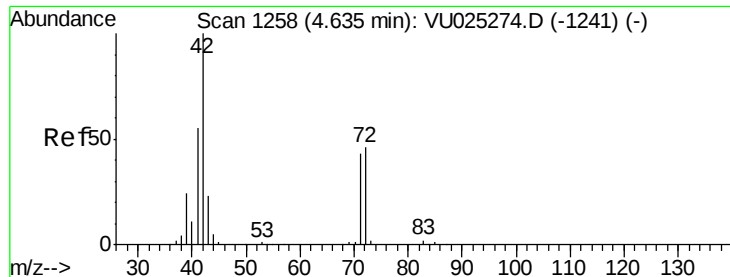
#28
 Bromochloromethane
 Concen: 53.42 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 49 Resp: 92618
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 84.0 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: 272.50 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

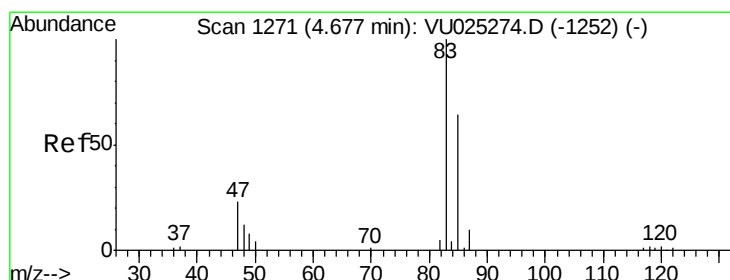
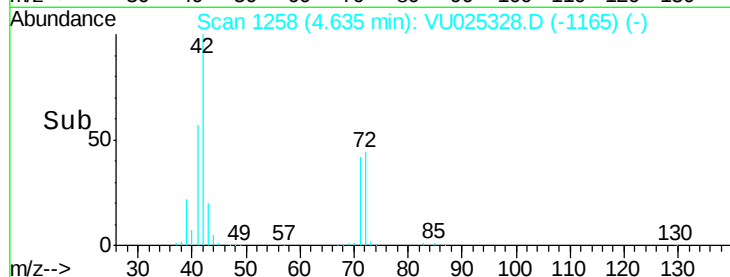
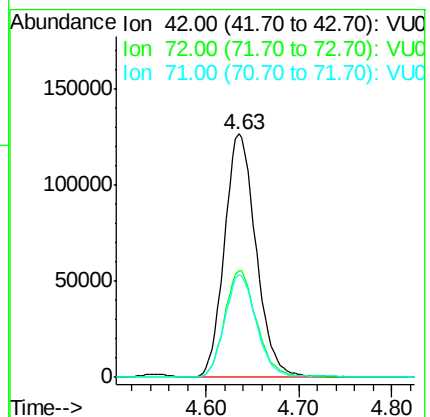
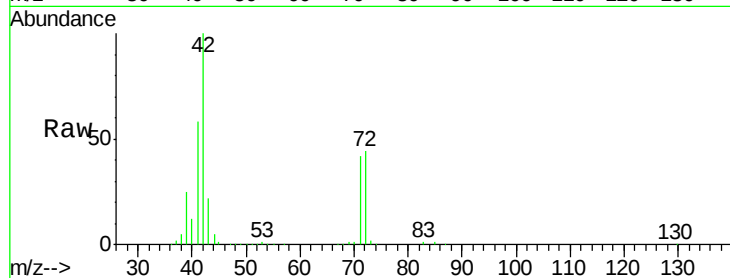
Tot Ion: 42 Resp: 298466

Ion Ratio Lower Upper

42 100

72 44.7 36.7 55.1

71 42.2 33.9 50.9



#30

Chloroform

Concen: 53.97 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025328.D

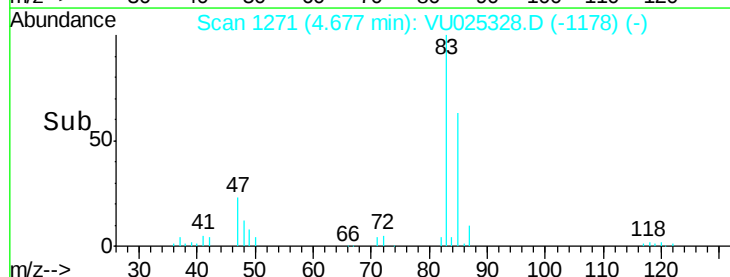
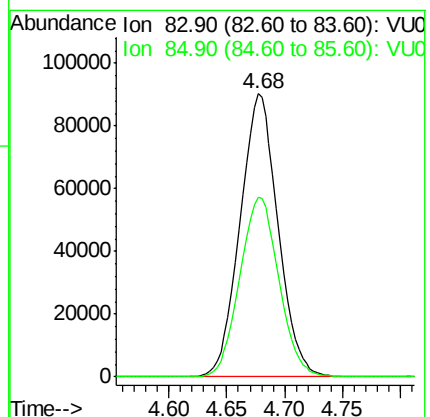
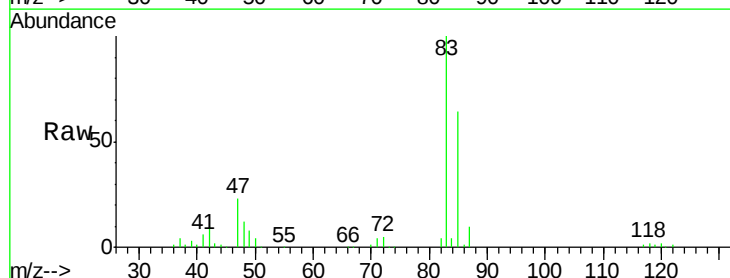
Acq: 11 Jul 2018 20:45

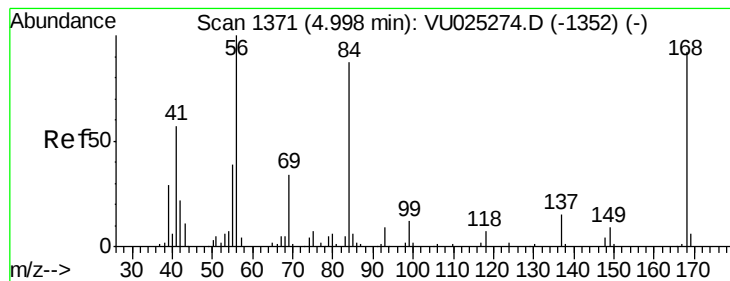
Tgt Ion: 83 Resp: 205197

Ion Ratio Lower Upper

83 100

85 63.5 51.5 77.3





#31

Cyclohexane

Concen: 48.03 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

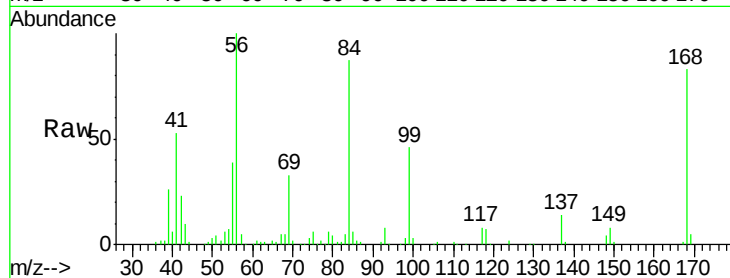
Tot Ion: 56 Resp: 159702

Ion Ratio Lower Upper

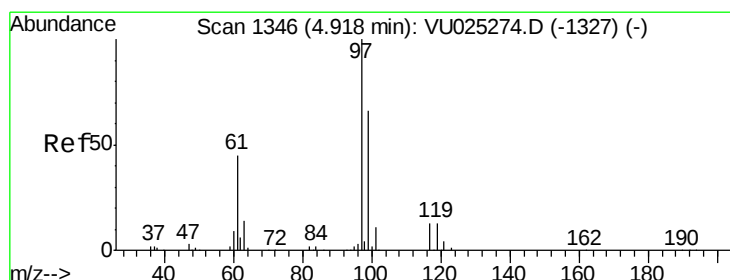
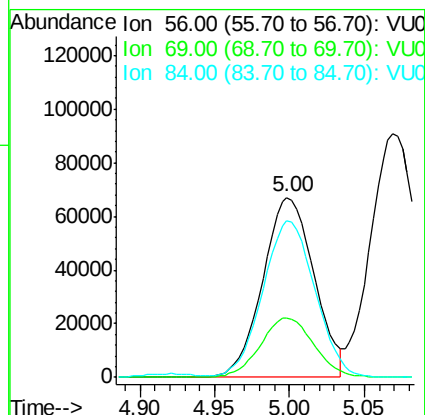
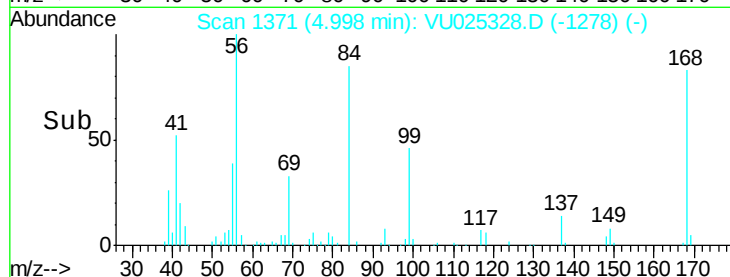
56 100

69 32.8 26.8 40.2

84 85.9 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 53.70 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

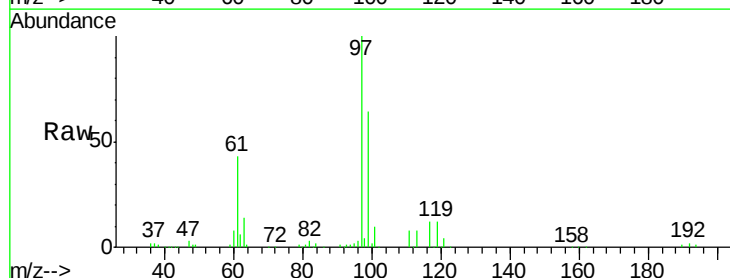
Tgt Ion: 97 Resp: 185033

Ion Ratio Lower Upper

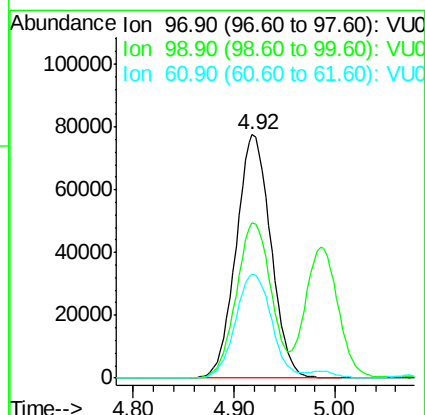
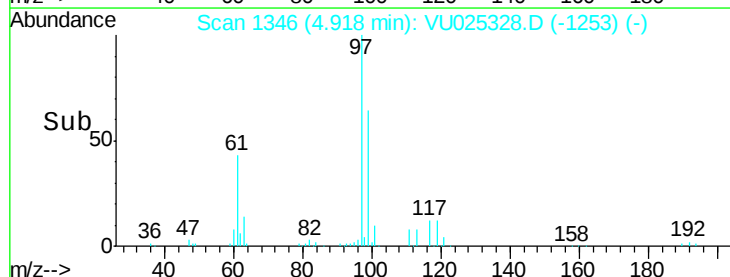
97 100

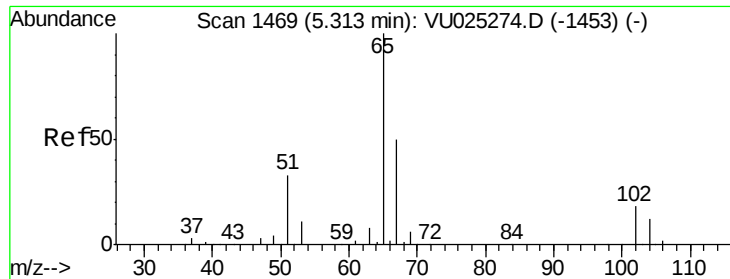
99 64.1 50.8 76.2

61 44.3 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

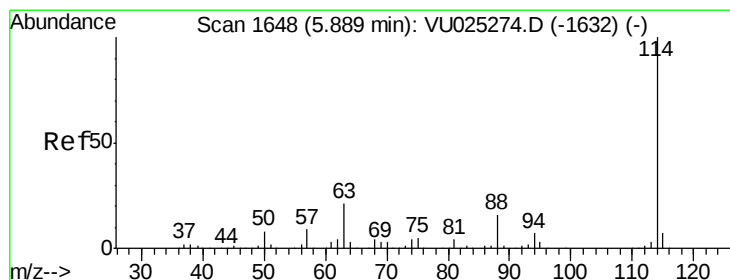
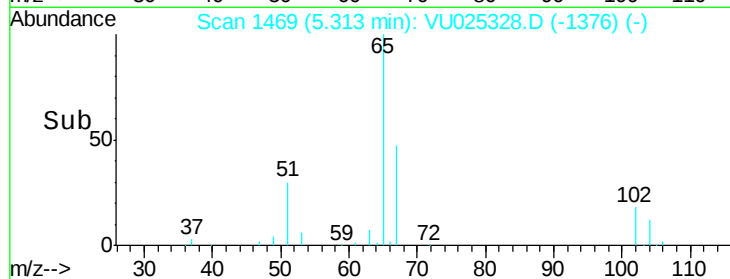
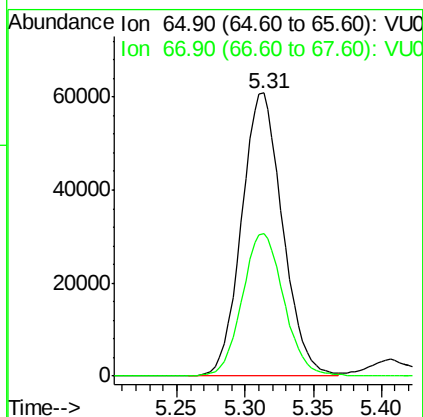
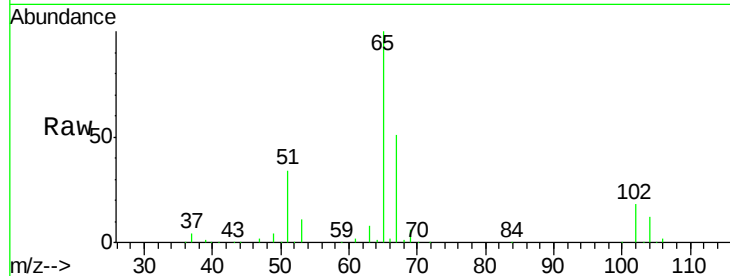




#33
 1,2-Dichloroethane-d4
 Concen: 48.25 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

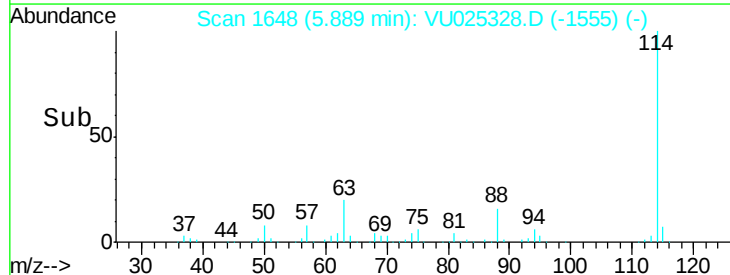
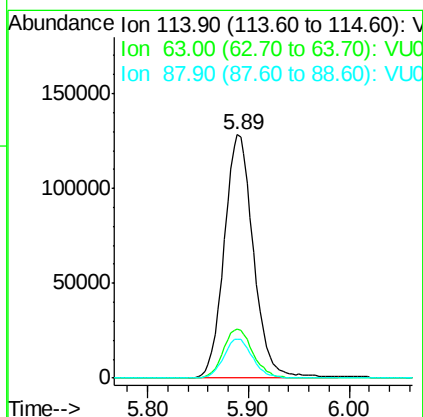
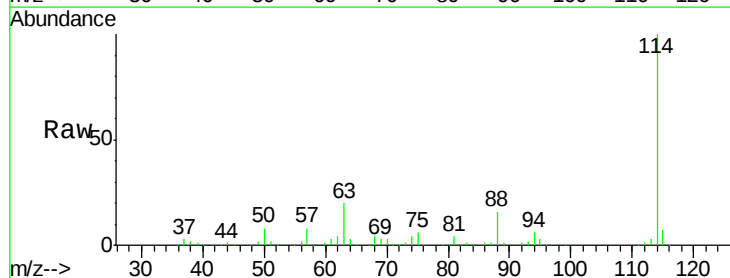
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

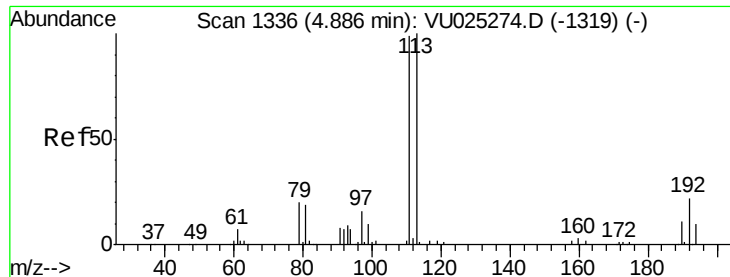
Tot Ion: 65 Resp: 127110
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 114 Resp: 260224
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.6
 88 16.2 0.0 32.4

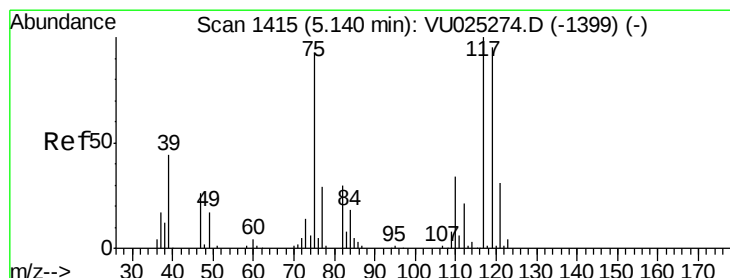
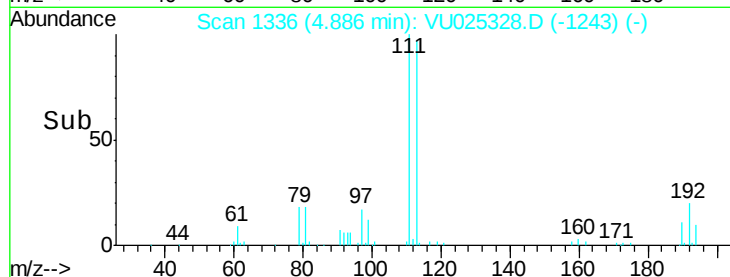
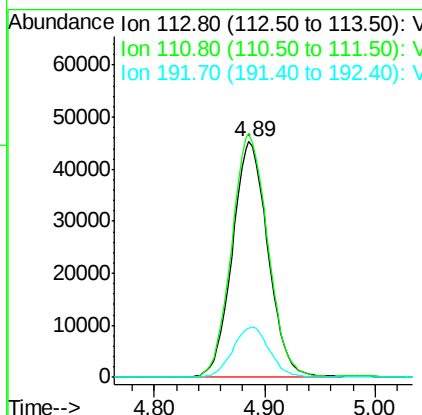
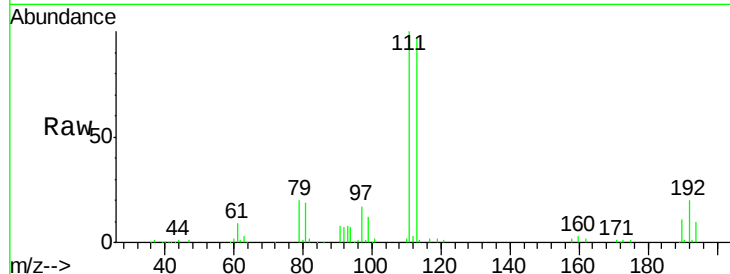




#35
 Dibromofluoromethane
 Concen: 46.30 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

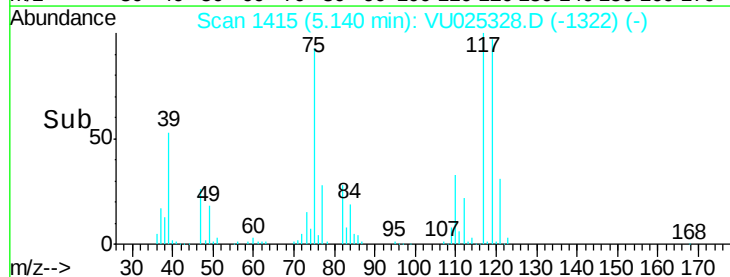
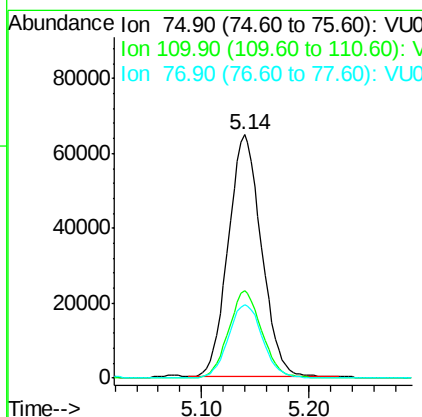
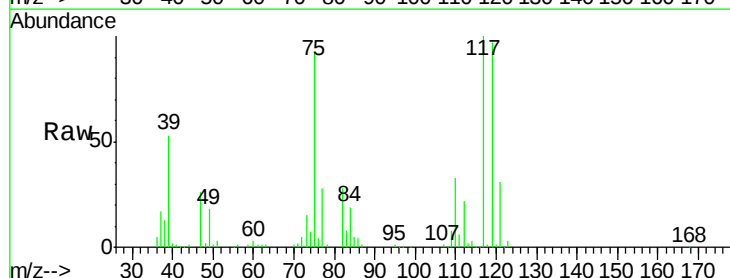
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

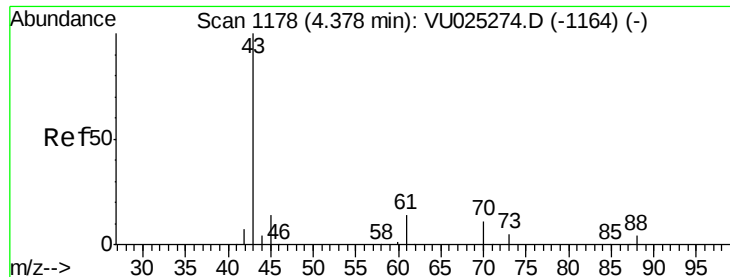
Tot Ion:113 Resp: 101646
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.7 122.5
 192 21.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 47.96 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 75 Resp: 138753
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.6 52.9
 77 31.0 24.4 36.6

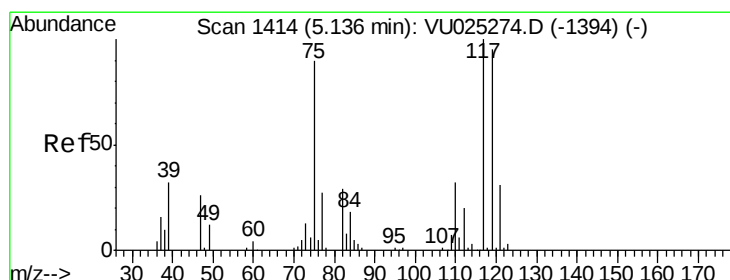
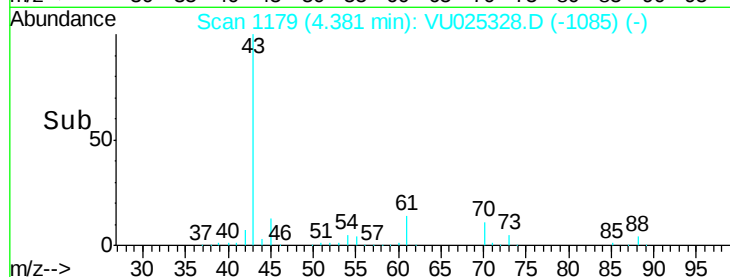
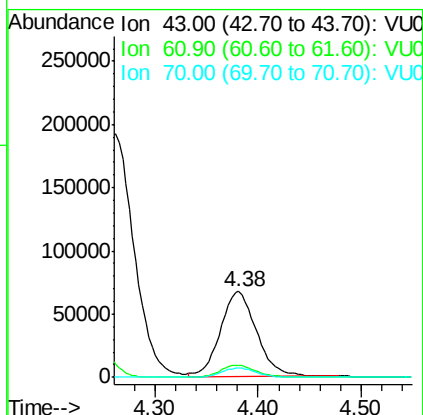
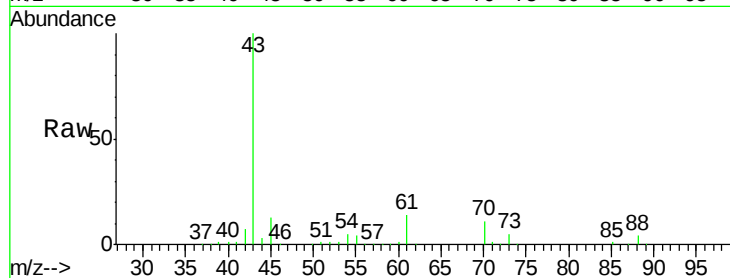




#37
Ethyl Acetate
Concen: 50.90 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

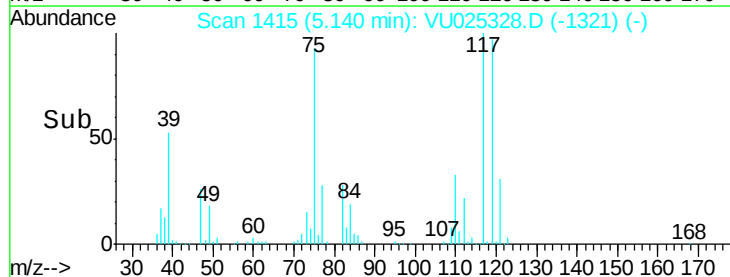
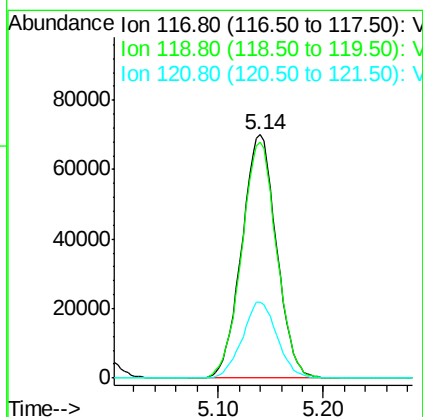
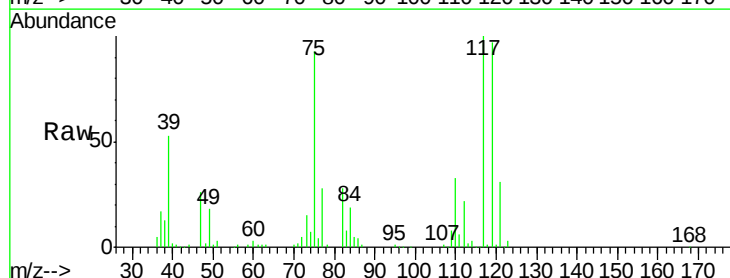
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

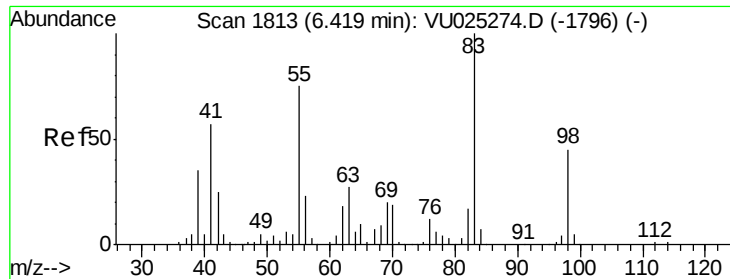
Tot Ion: 43 Resp: 164226
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 51.59 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 117 Resp: 160638
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5
121 31.2 24.6 36.8

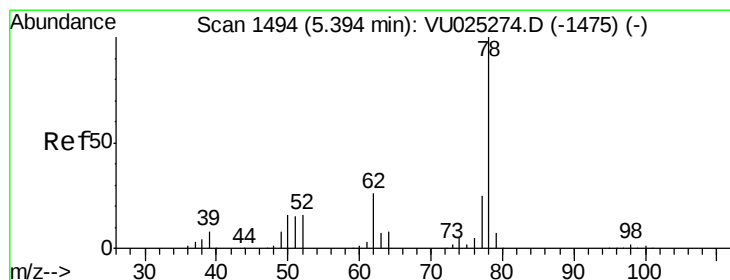
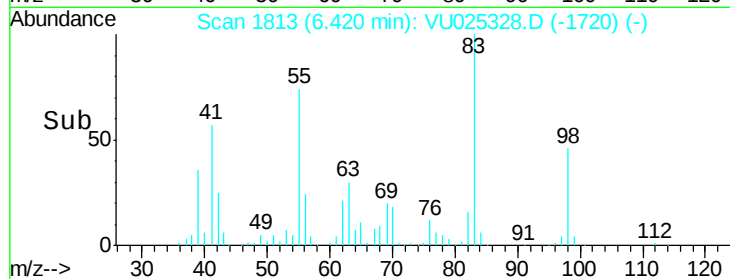
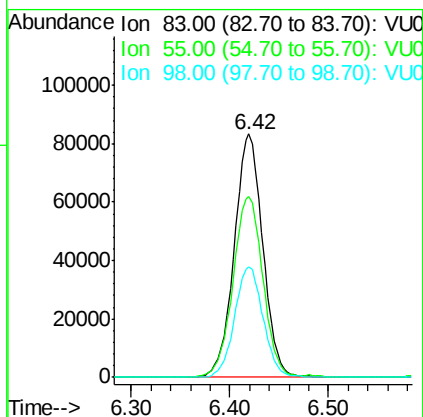
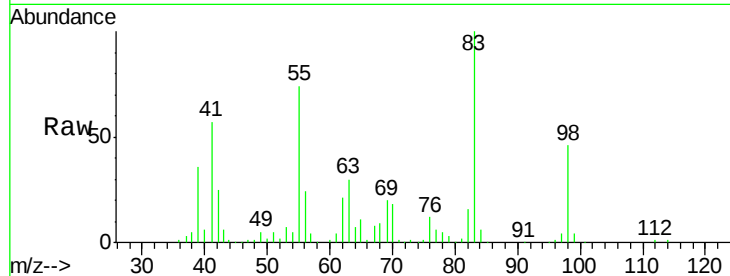




#39
Methvlcvclohexane
Concen: 46.49 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

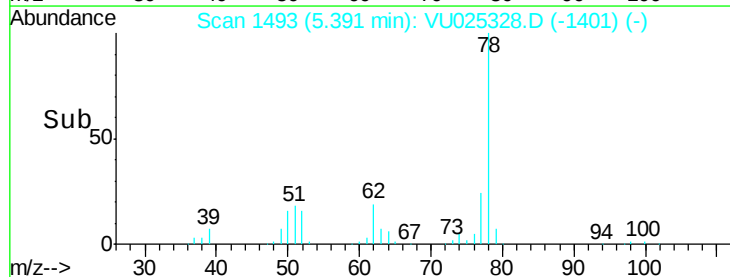
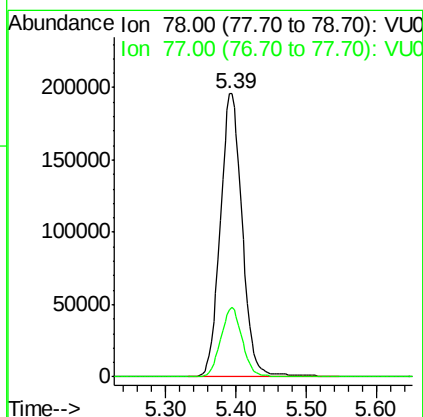
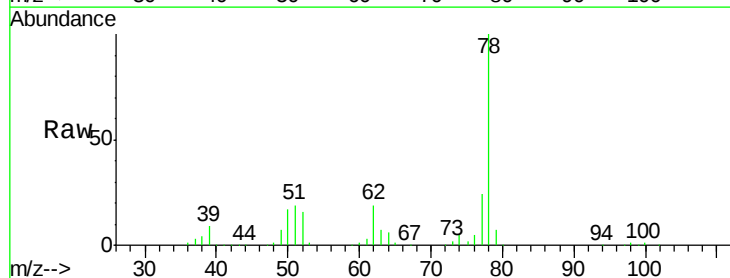
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

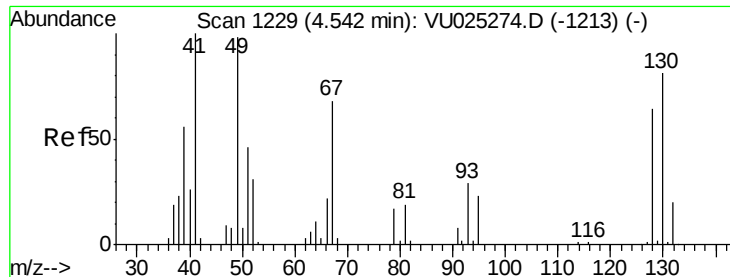
Tot Ion: 83 Resp: 167757
Ion Ratio Lower Upper
83 100
55 74.3 60.0 90.0
98 45.6 36.1 54.1



#40
Benzene
Concen: 50.96 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 78 Resp: 424841
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.6

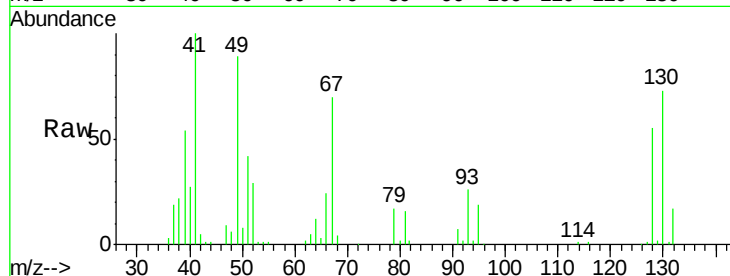




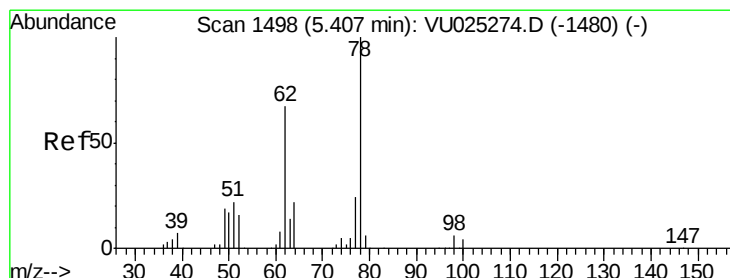
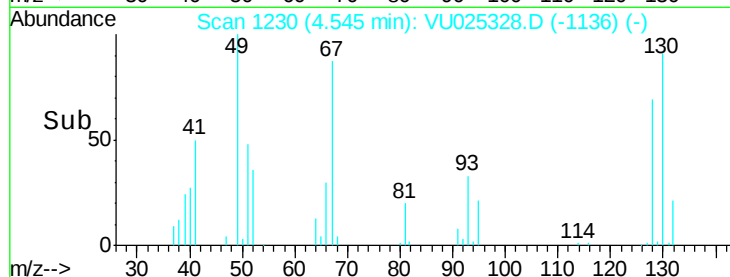
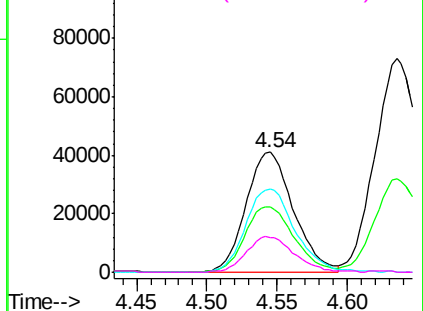
#41
Methacrylonitrile
Concen: 54.01 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

Tot Ion: 41 Resp: 96622
Ion Ratio Lower Upper
41 100
39 56.7 44.4 66.6
67 72.2 56.0 84.0
52 30.4 24.6 36.8

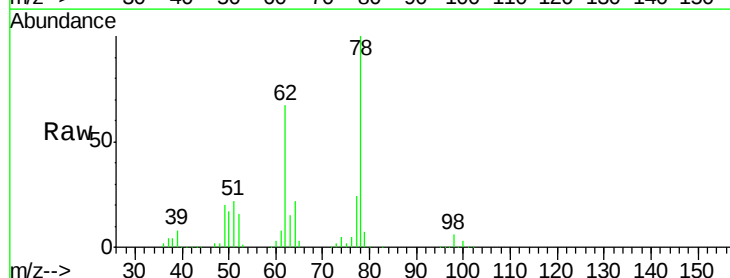


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

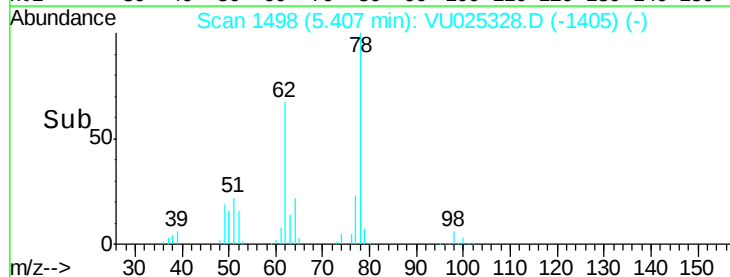
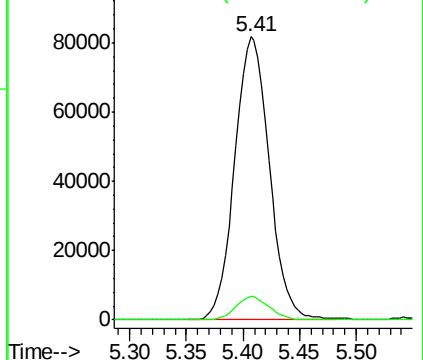


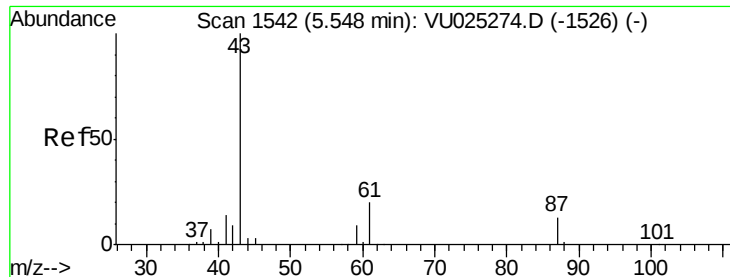
#42
1,2-Dichloroethane
Concen: 52.69 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 62 Resp: 174625
Ion Ratio Lower Upper
62 100
98 8.0 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: 53.95 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

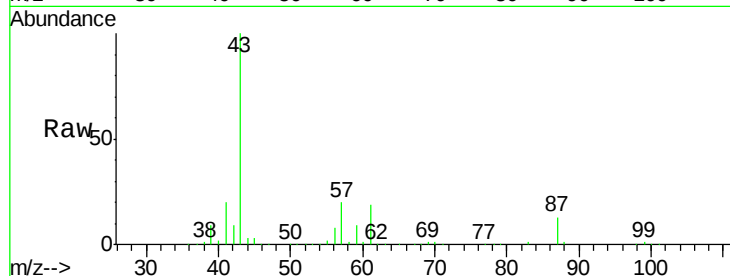
Tot Ion: 43 Resp: 278728

Ion Ratio Lower Upper

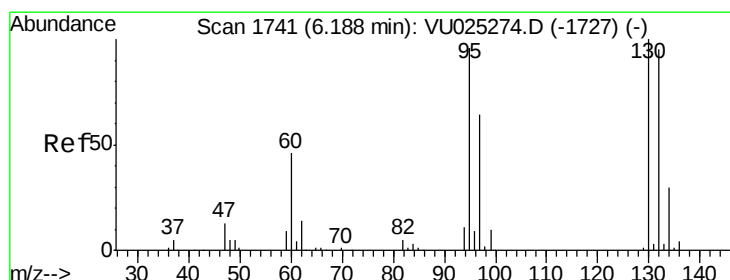
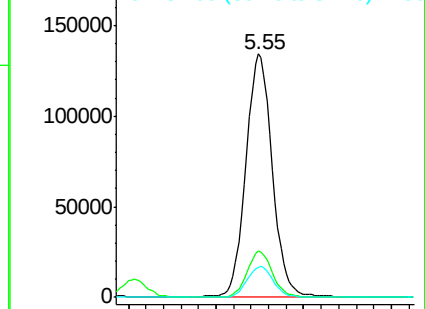
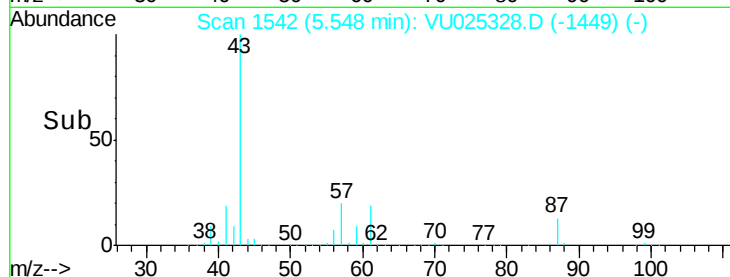
43 100

61 18.5 15.5 23.3

87 12.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025328.D (-1449) (-)



#44

Trichloroethene

Concen: 47.97 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025328.D

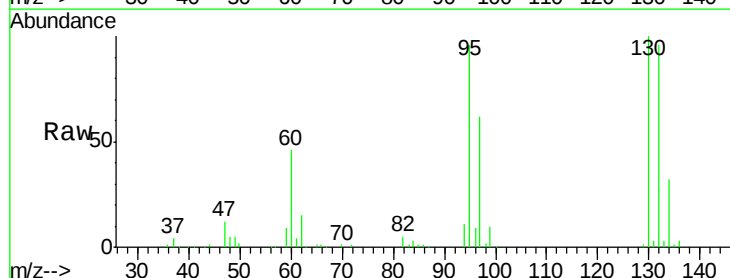
Acq: 11 Jul 2018 20:45

Tgt Ion: 130 Resp: 114834

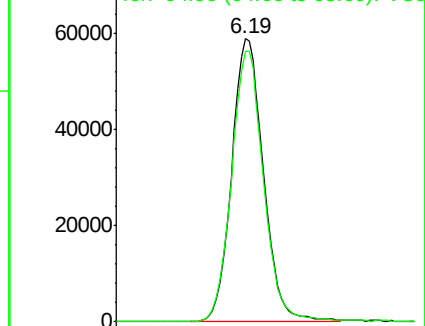
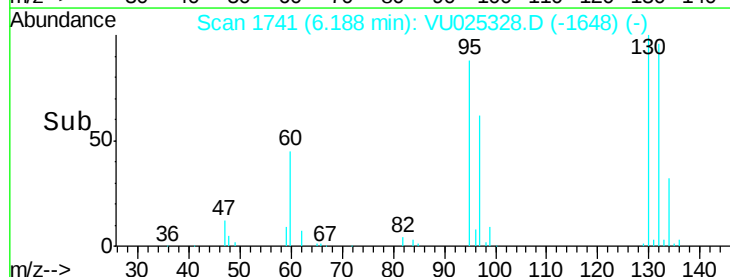
Ion Ratio Lower Upper

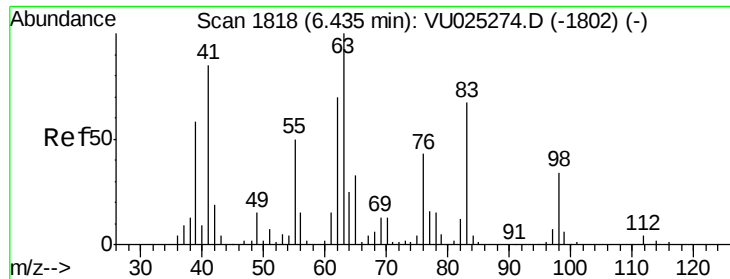
130 100

95 95.6 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025328.D (-1648) (-)





#45

1,2-Dichloropropane

Concen: 52.79 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

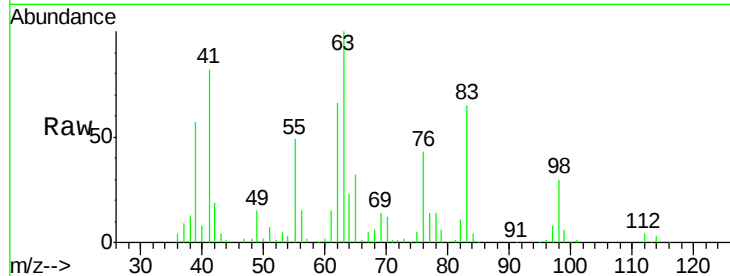
SS037MW036-180709MS

Tot Ion: 63 Resp: 115263

Ion Ratio Lower Upper

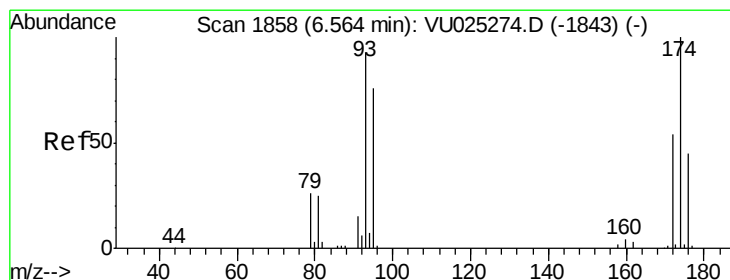
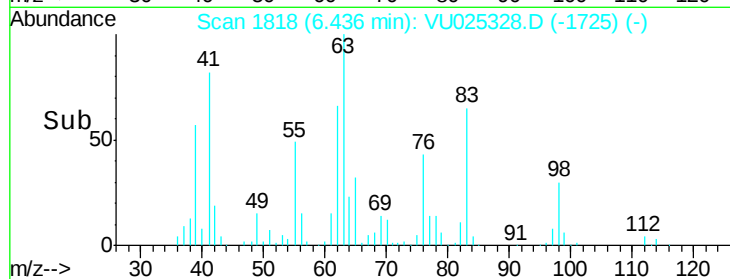
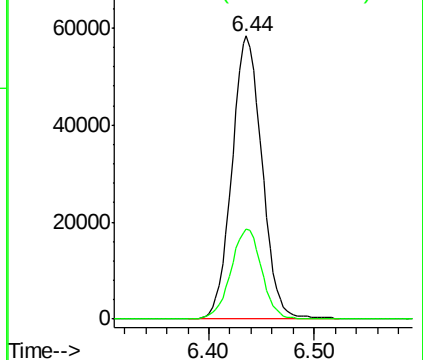
63 100

65 31.7 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 51.21 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

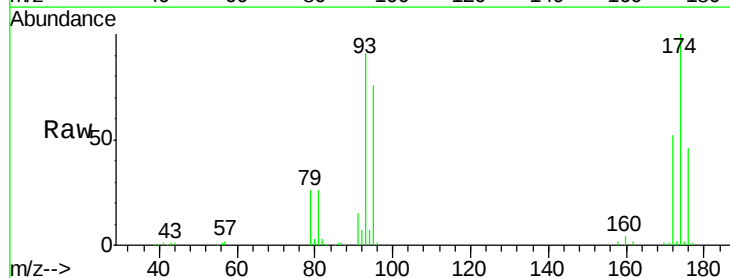
Tgt Ion: 93 Resp: 81381

Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

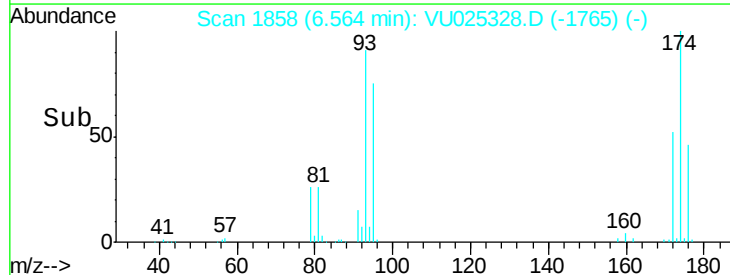
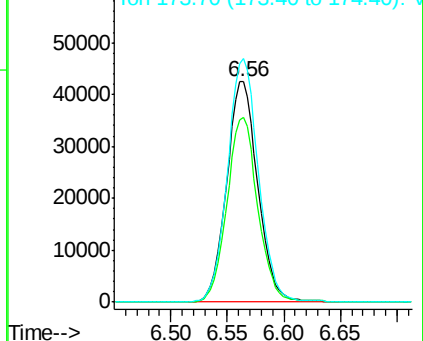
174 109.3 85.8 128.8

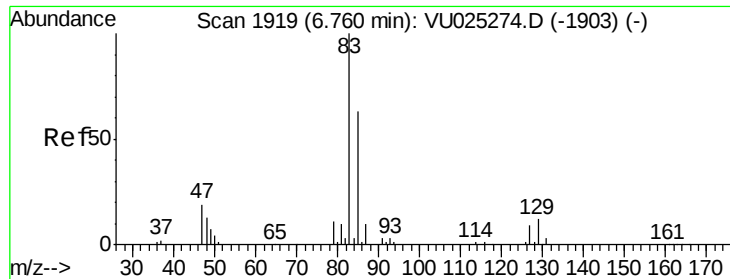


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

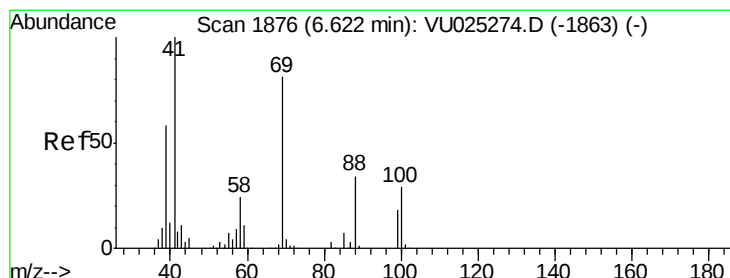
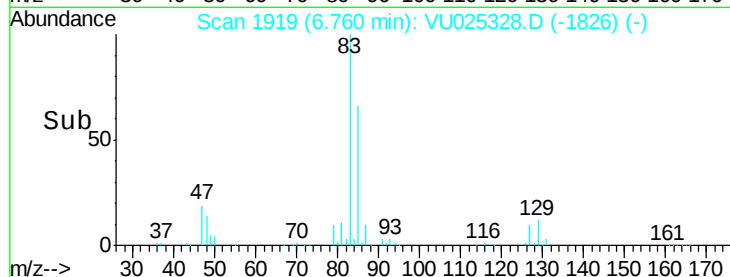
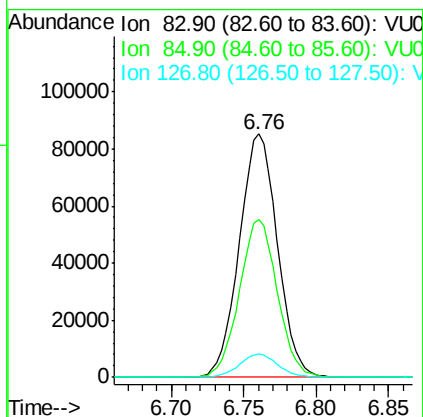
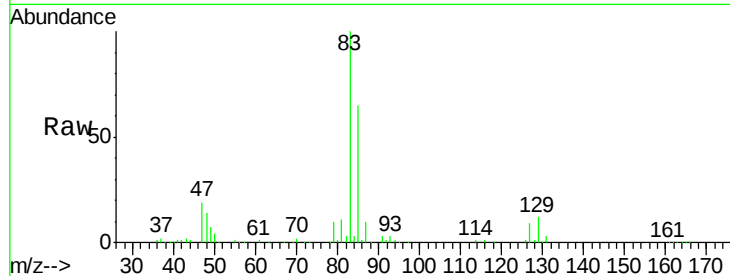




#47
Bromodichloromethane
Concen: 52.93 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

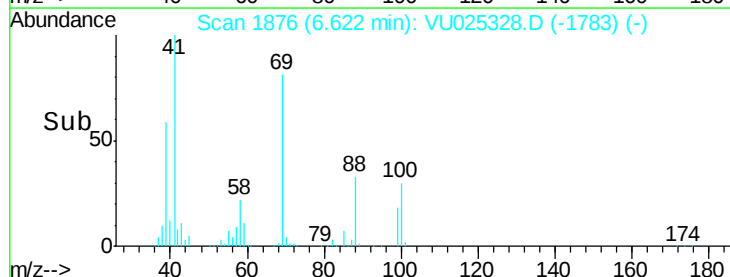
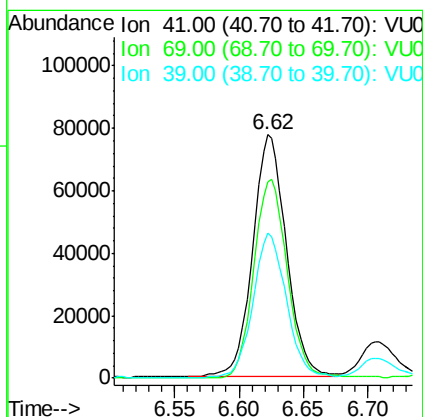
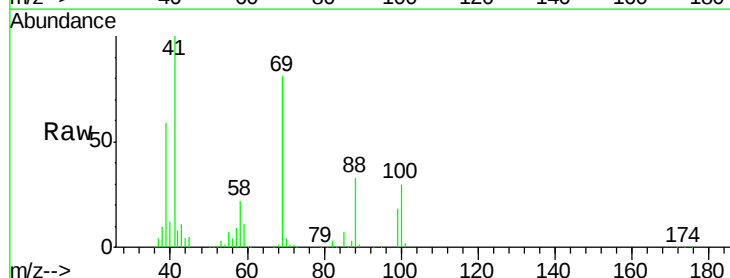
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

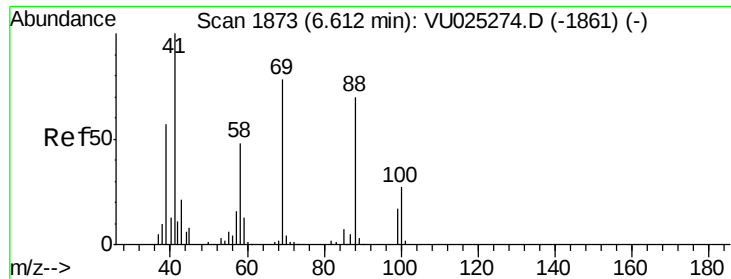
Tot Ion: 83 Resp: 156237
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 9.5 7.2 10.8



#48
Methyl methacrylate
Concen: 54.98 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 41 Resp: 141623
Ion Ratio Lower Upper
41 100
69 82.0 65.0 97.4
39 59.0 46.4 69.6

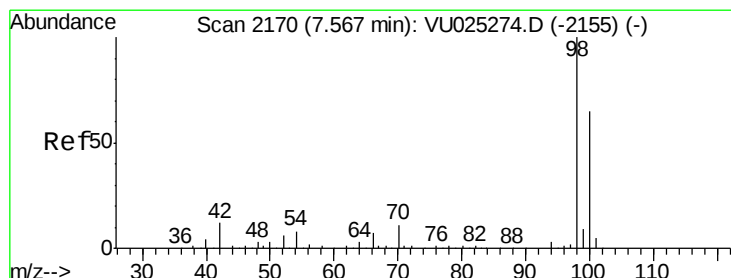
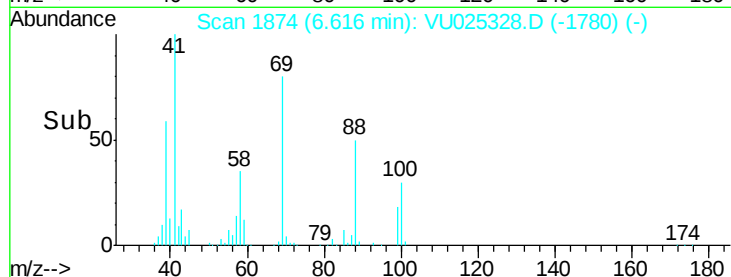
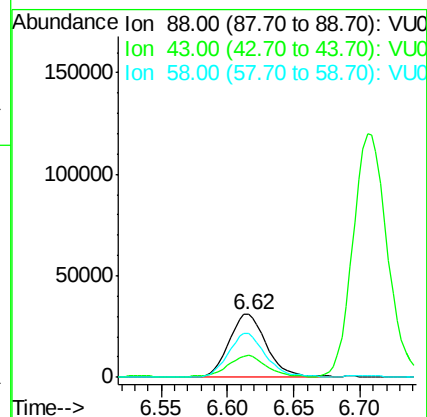
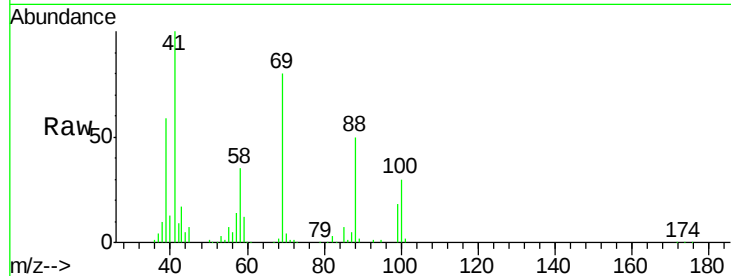




#49
1,4-Dioxane
Concen: 974.73 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

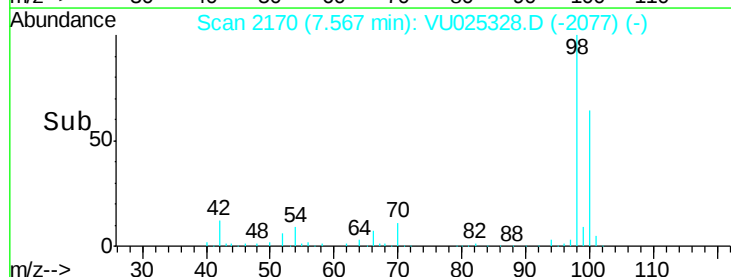
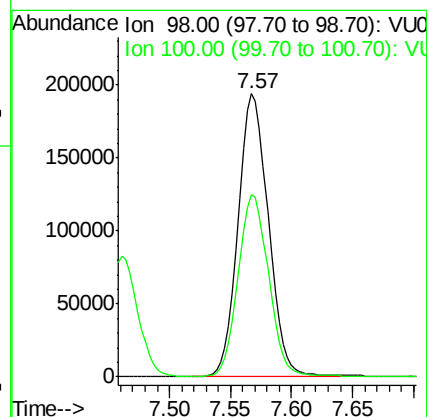
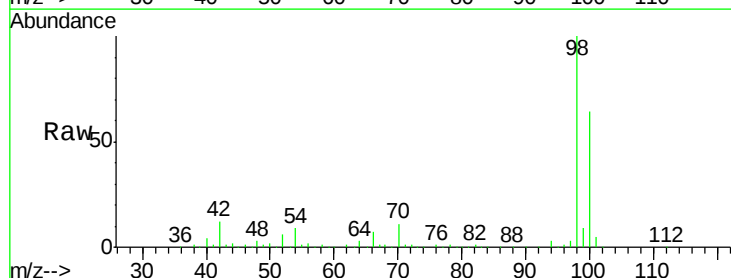
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

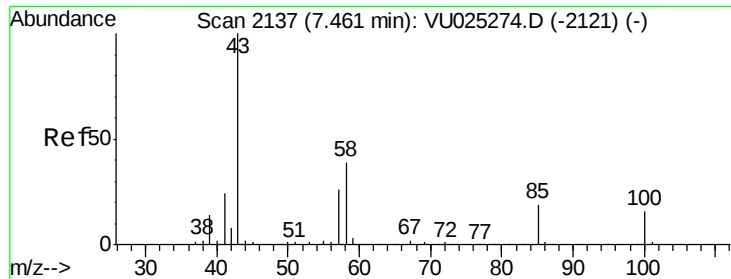
Tot Ion: 88 Resp: 60411
Ion Ratio Lower Upper
88 100
43 34.7 27.3 40.9
58 71.4 57.6 86.4



#50
Toluene-d8
Concen: 44.65 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 98 Resp: 335635
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 271.55 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

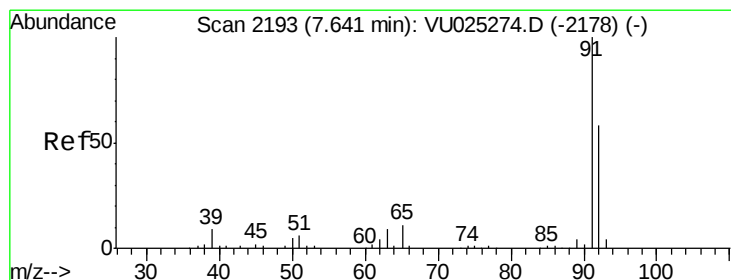
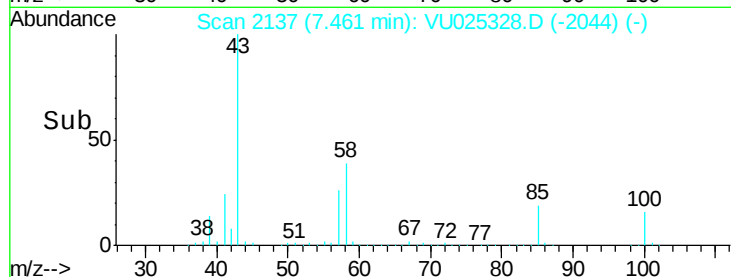
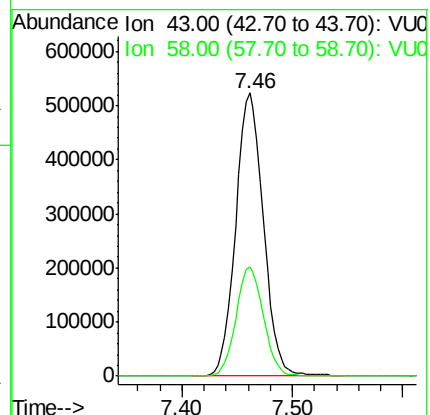
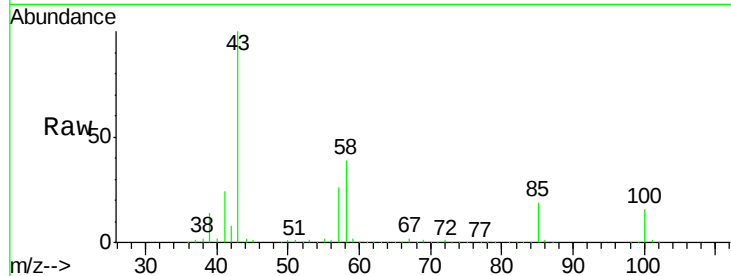
SS037MW036-180709MS

Tot Ion: 43 Resp: 911882

Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.4



#52

Toluene

Concen: 51.69 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025328.D

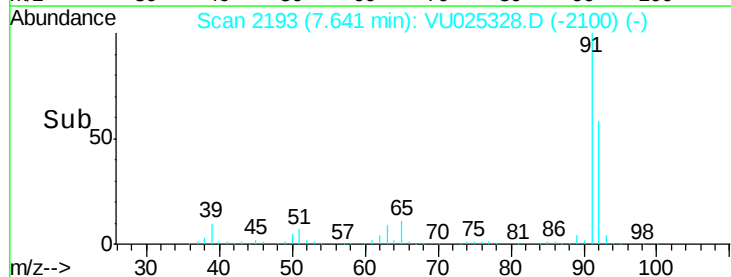
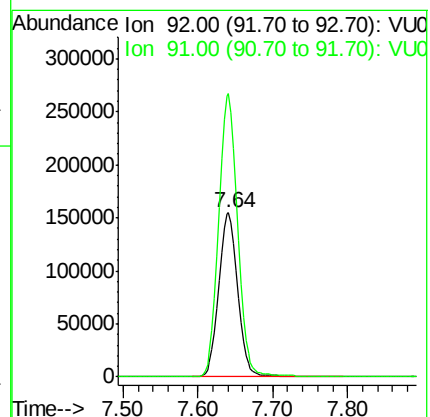
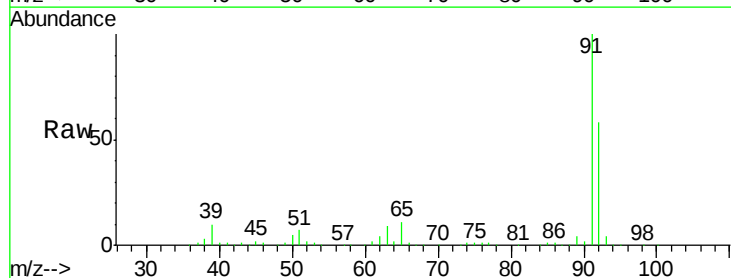
Acq: 11 Jul 2018 20:45

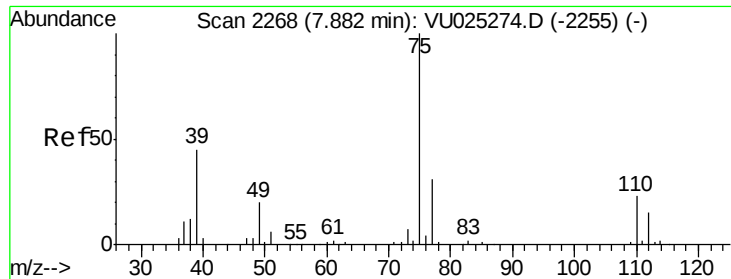
Tgt Ion: 92 Resp: 274192

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8

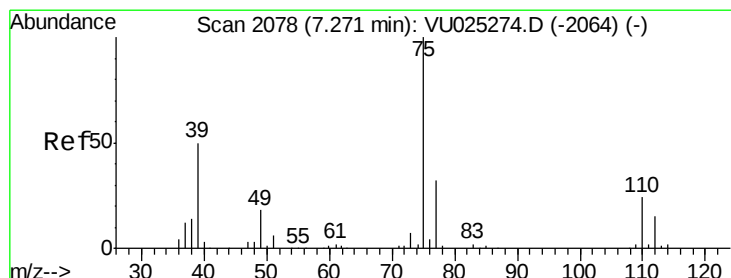
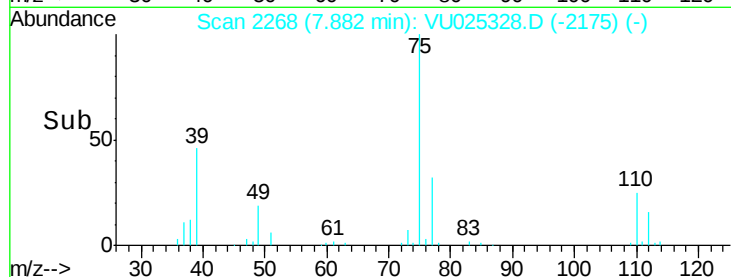
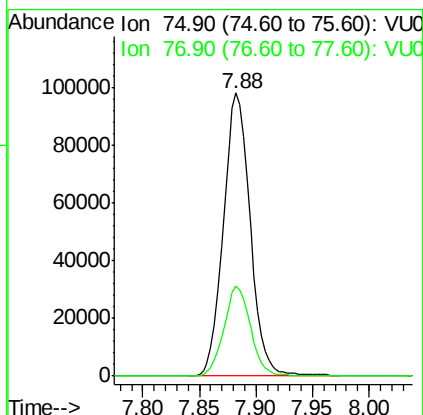
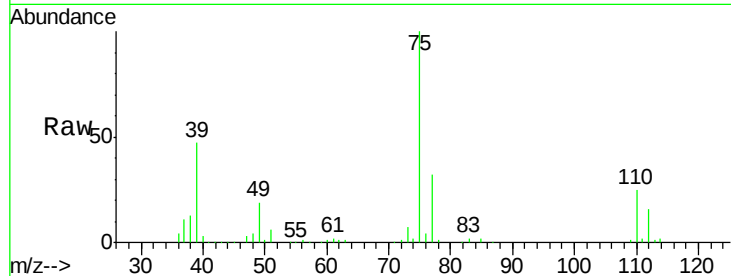




#53
 t-1,3-Dichloropropene
 Concen: 50.03 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

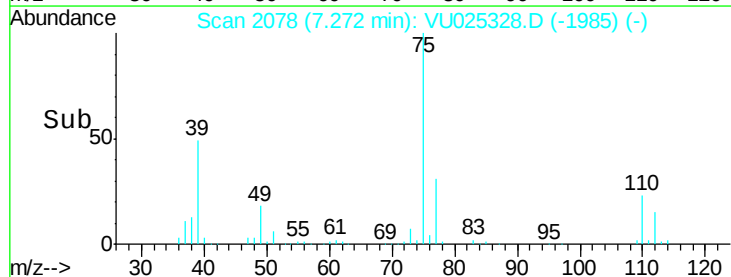
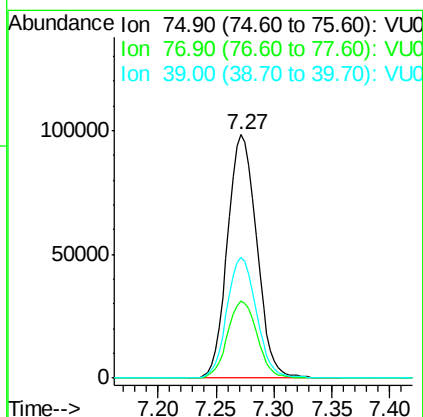
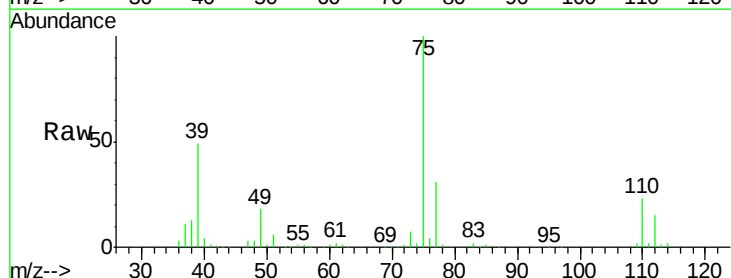
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

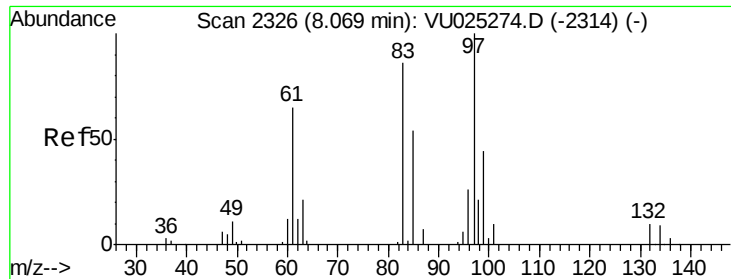
Tot Ion: 75 Resp: 162266
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.94 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 75 Resp: 172386
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 49.5 40.0 60.0

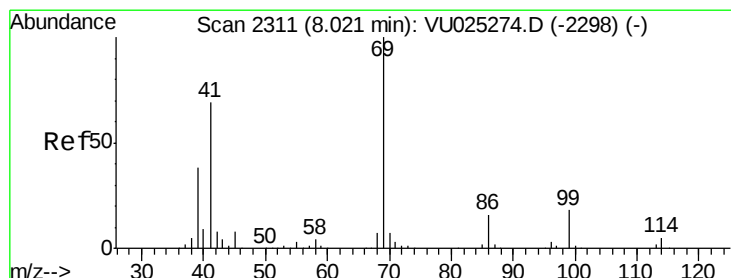
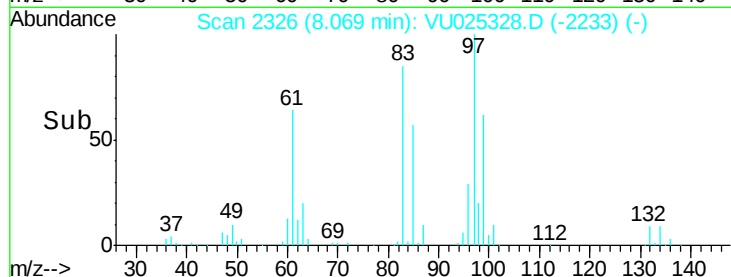
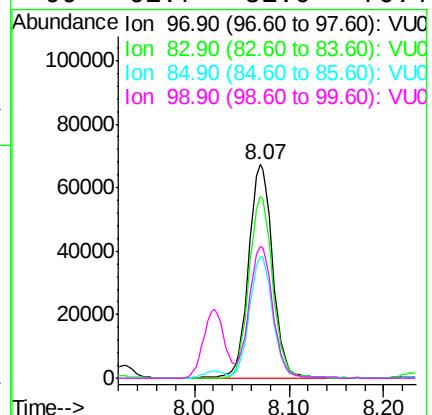
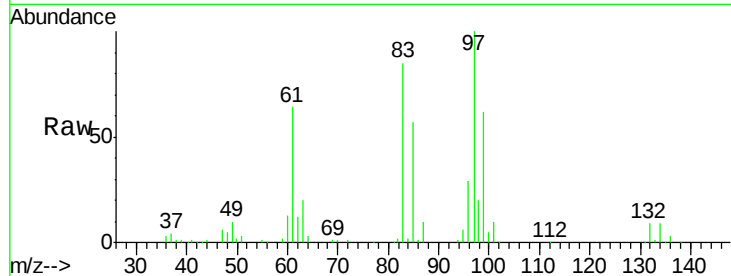




#55
 1,1,2-Trichloroethane
 Concen: 53.92 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

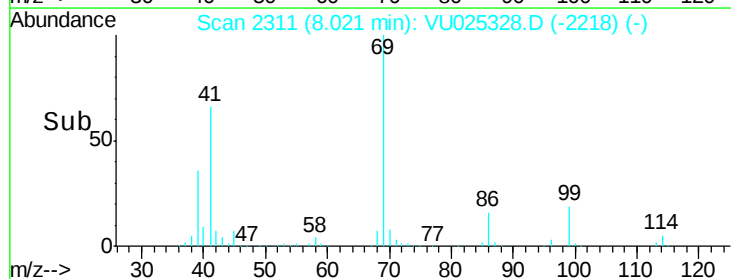
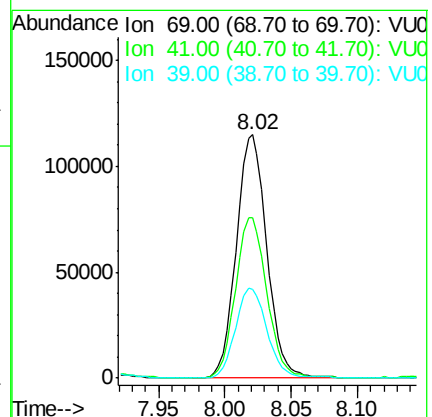
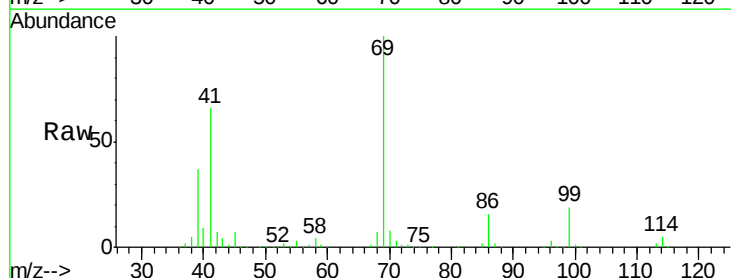
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

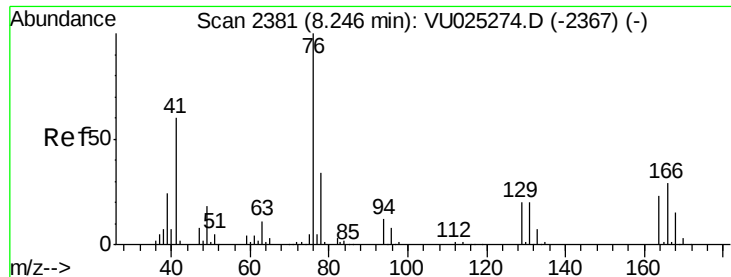
Tot Ion:	97	Resp:	119107
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.9	103.3
85	56.9	44.4	66.6
99	61.7	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 53.26 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion:	69	Resp:	183768
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.8	82.2
39	37.9	31.1	46.7

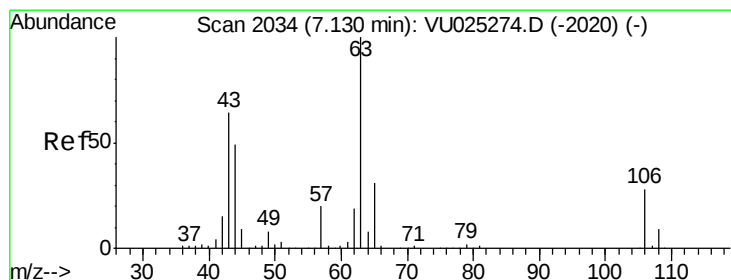
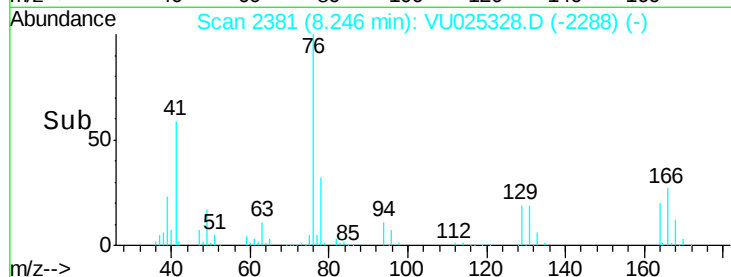
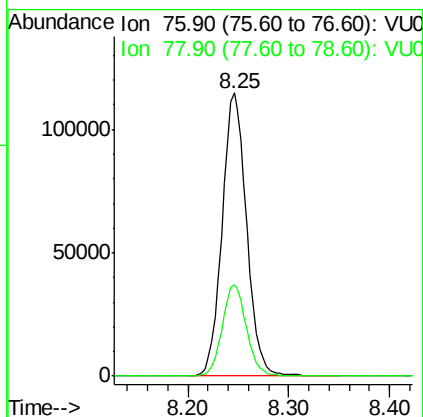
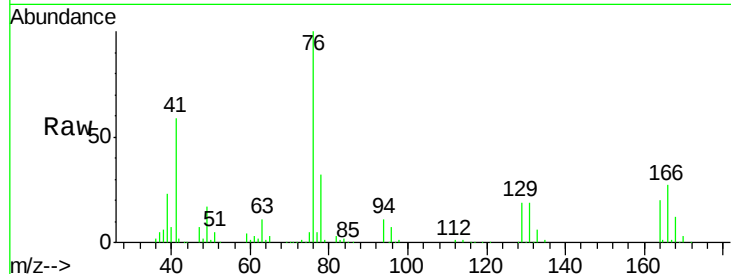




#57
 1,3-Dichloropropane
 Concen: 53.04 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

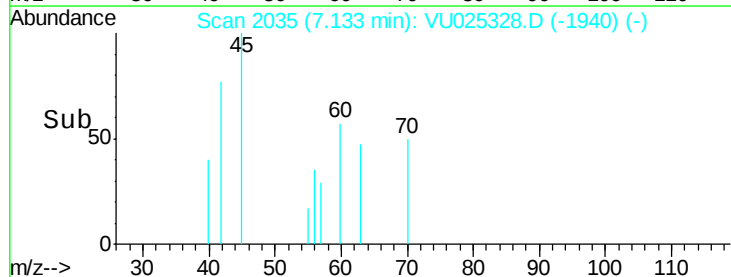
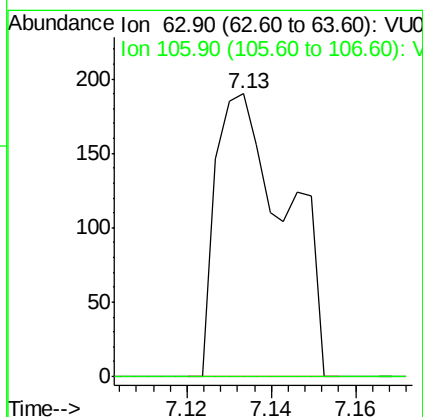
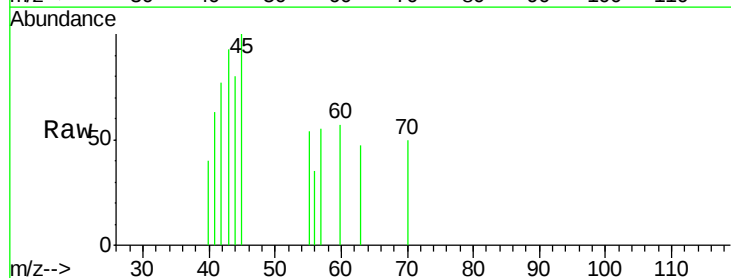
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

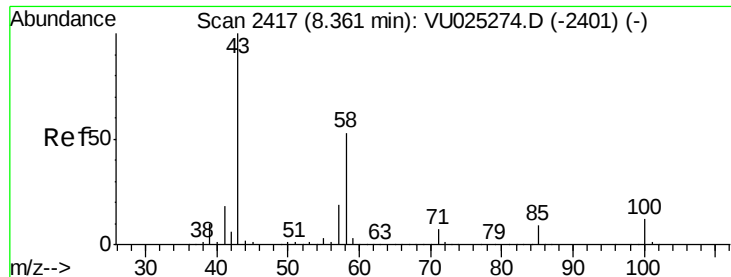
Tot Ion: 76 Resp: 194493
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.28 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 63 Resp: 219
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#

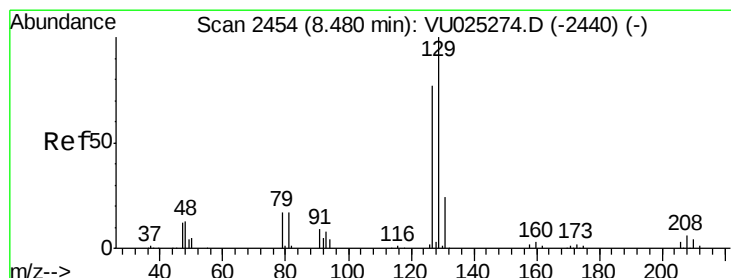
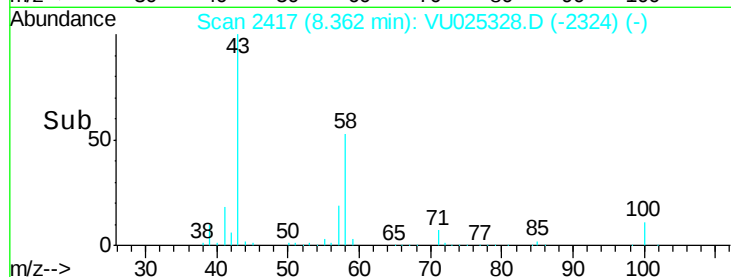
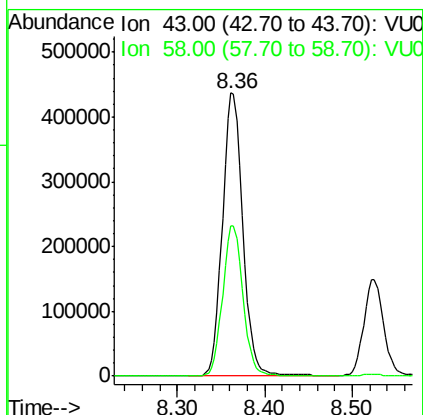
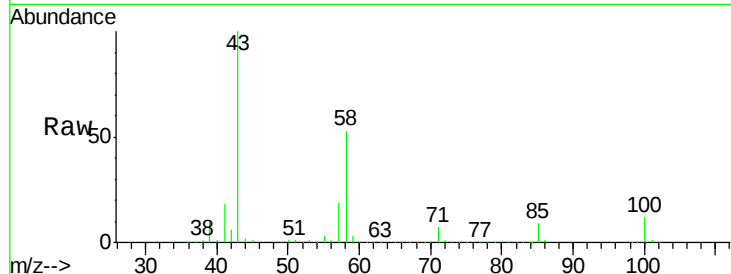




#59
2-Hexanone
Concen: 259.72 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

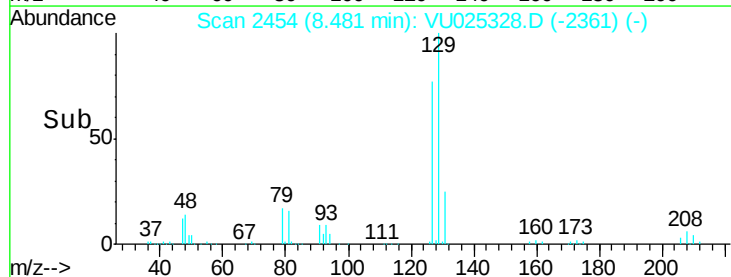
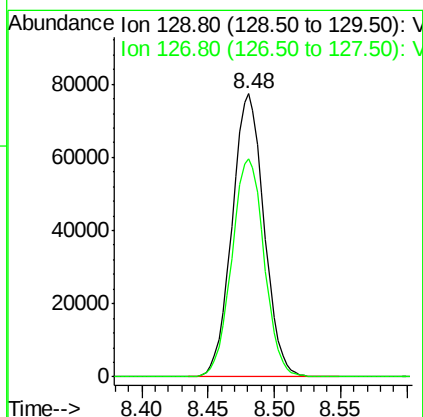
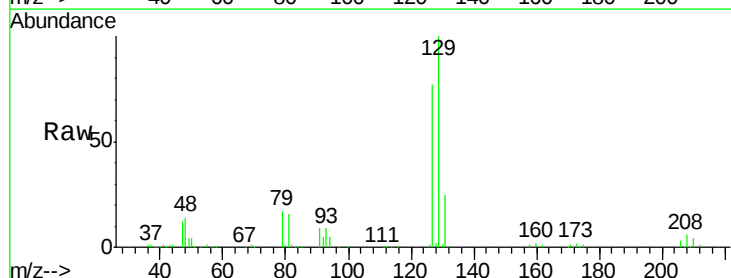
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

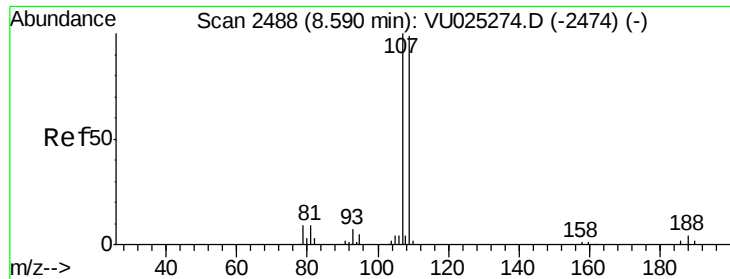
Tot Ion: 43 Resp: 707433
Ion Ratio Lower Upper
43 100
58 53.3 26.2 78.5



#60
Dibromochloromethane
Concen: 54.37 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 129 Resp: 129721
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.06 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

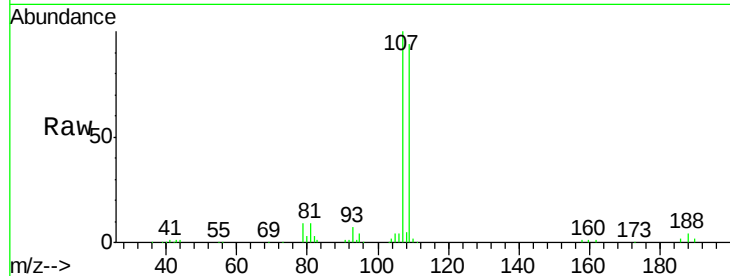
SS037MW036-180709MS

Tot Ion:107 Resp: 127784

Ion Ratio Lower Upper

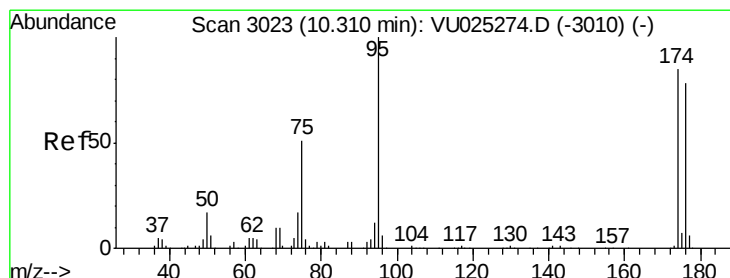
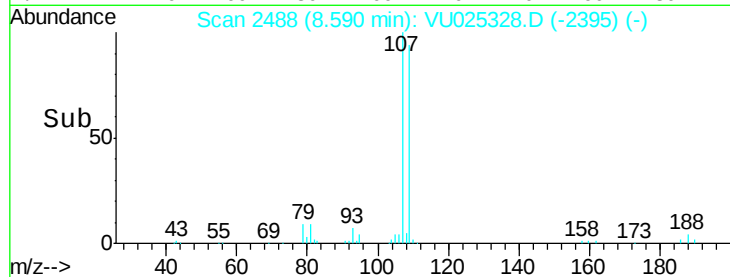
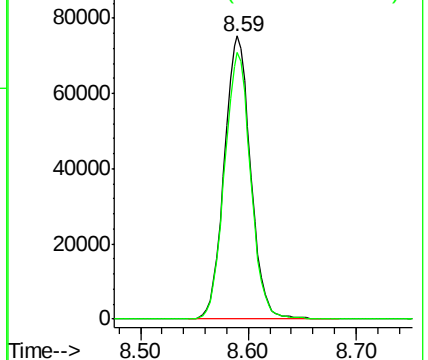
107 100

109 93.9 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: 46.08 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

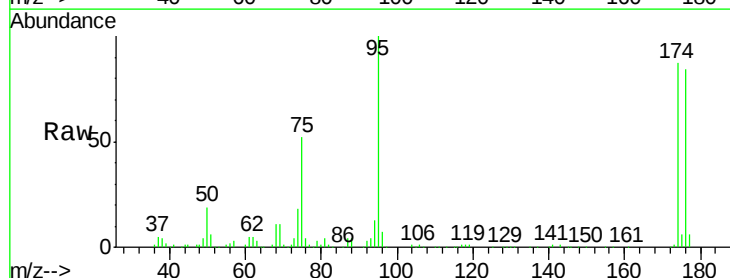
Tgt Ion: 95 Resp: 139460

Ion Ratio Lower Upper

95 100

174 88.8 0.0 172.2

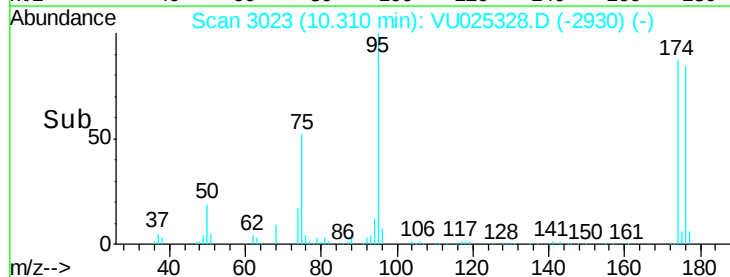
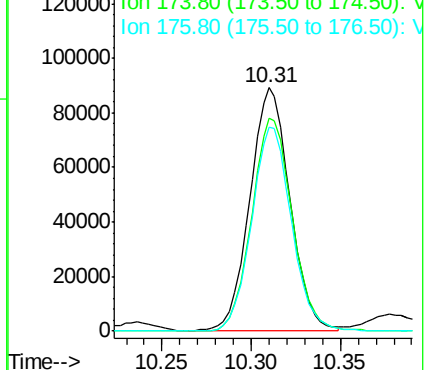
176 84.1 0.0 162.6

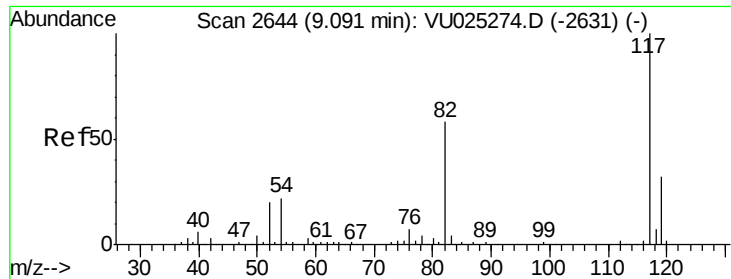


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

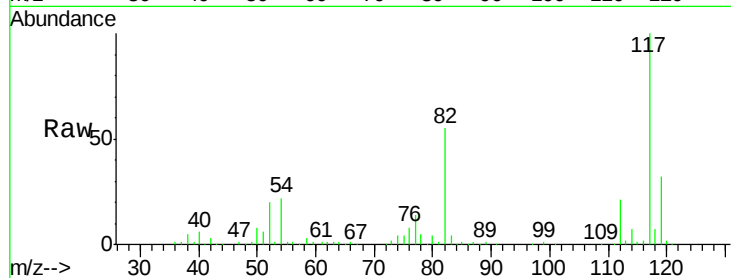




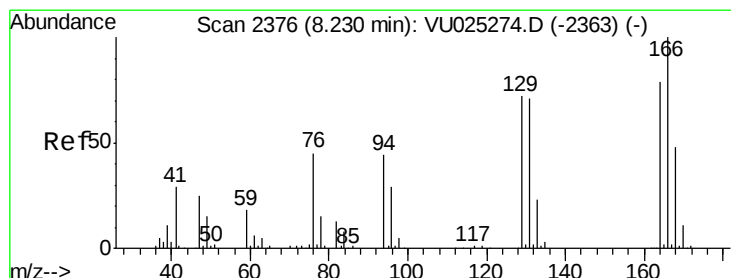
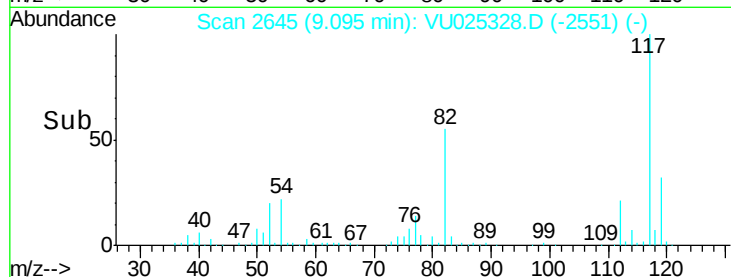
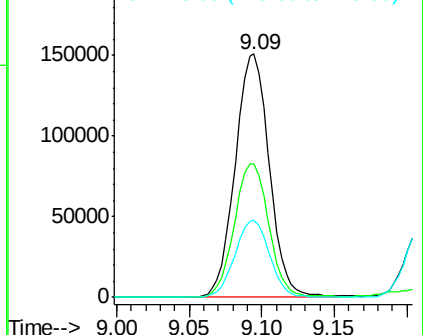
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

Tot Ion:117 Resp: 247008
Ion Ratio Lower Upper
117 100
82 54.7 46.0 69.0
119 31.9 26.0 39.0



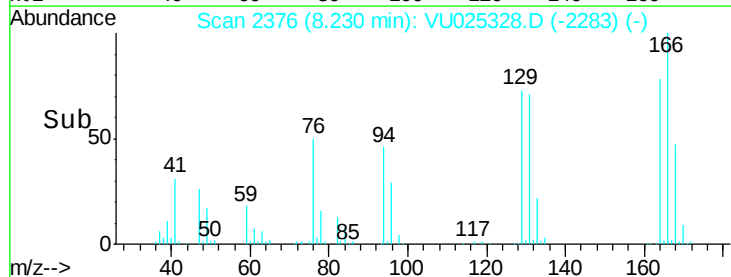
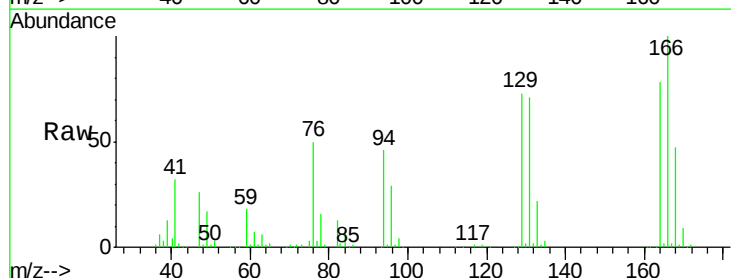
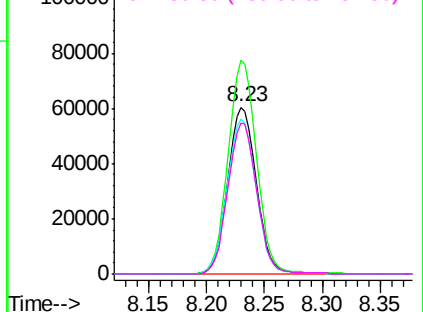
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

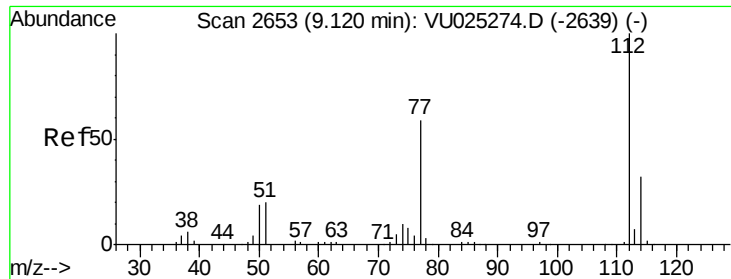


#64
Tetrachloroethene
Concen: 45.79 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion:164 Resp: 103090
Ion Ratio Lower Upper
164 100
166 127.9 101.1 151.7
129 92.9 73.0 109.6
131 90.8 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

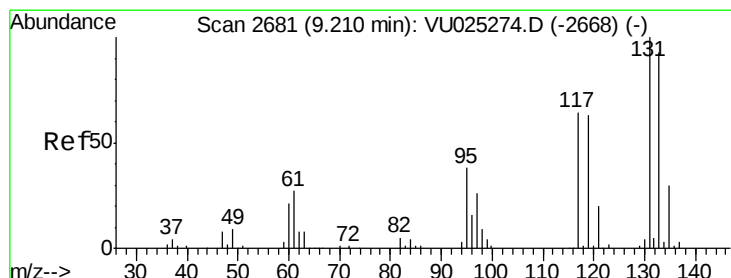
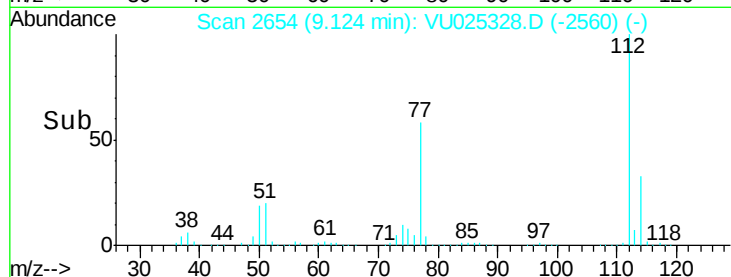
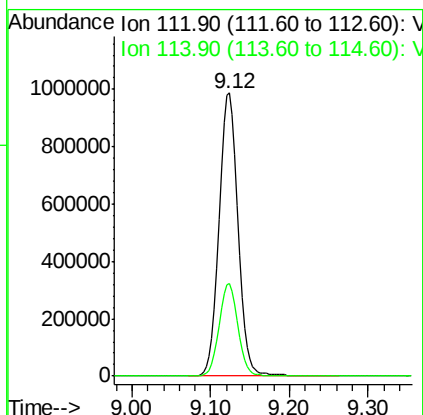
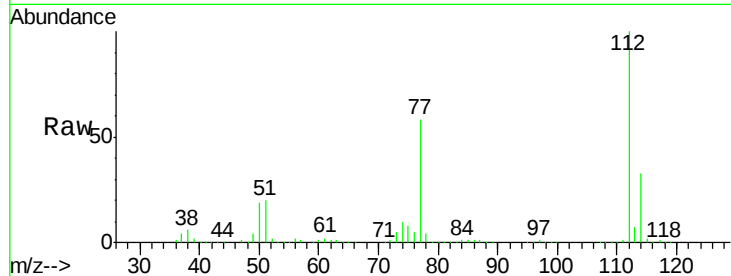




#65
Chlorobenzene
Concen: 265.13 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

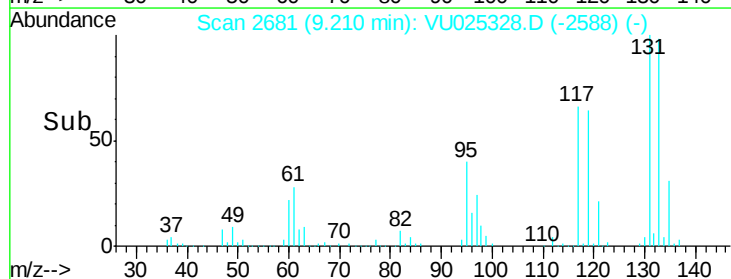
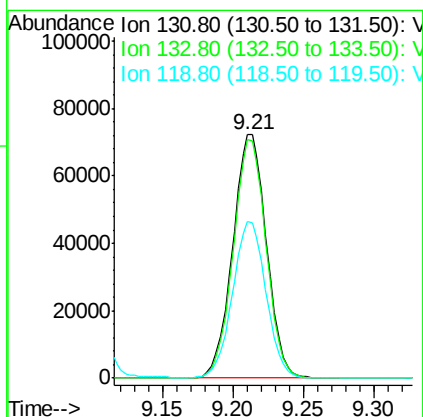
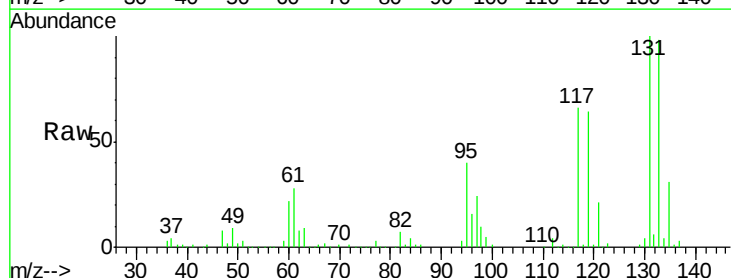
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

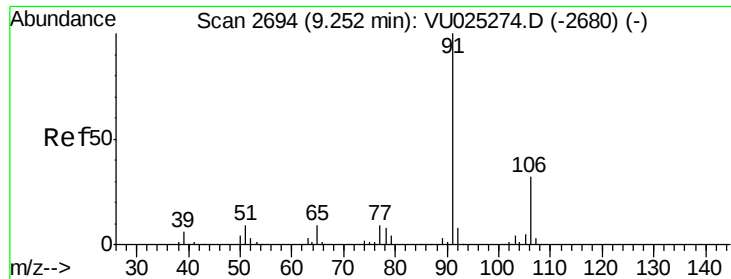
Tot Ion:112 Resp: 1636015
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.80 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion:131 Resp: 120965
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 63.7 31.6 95.0





#67

Ethyl Benzene

Concen: 51.33 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

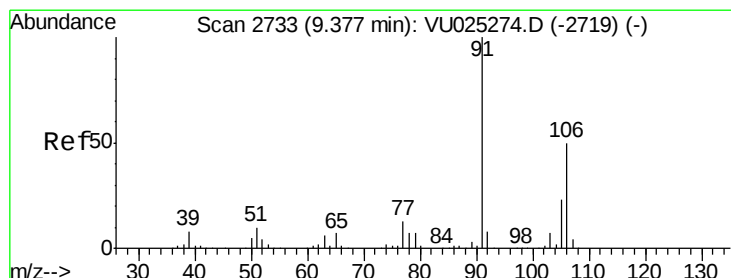
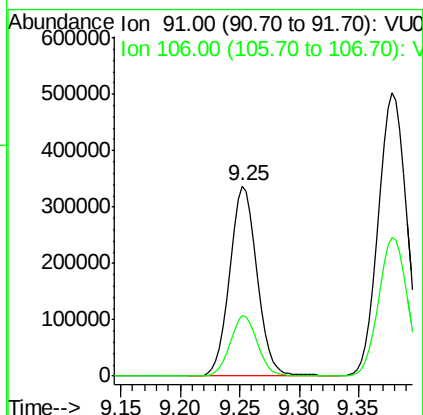
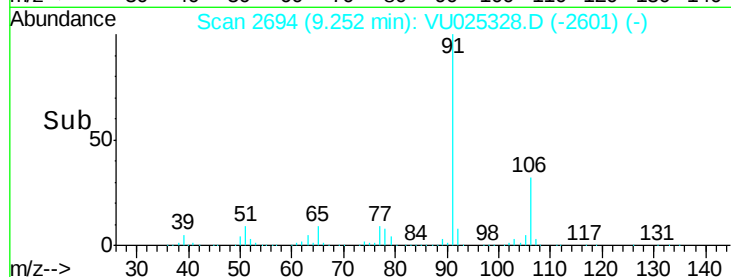
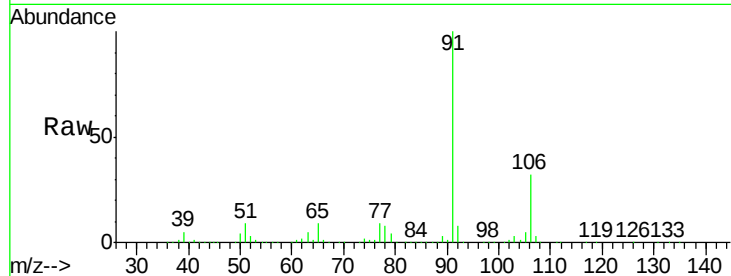
SS037MW036-180709MS

Tot Ion: 91 Resp: 539983

Ion Ratio Lower Upper

91 100

106 31.7 25.3 37.9



#68

m/p-Xylenes

Concen: 102.05 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025328.D

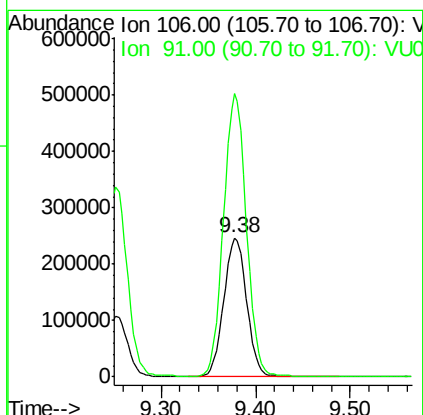
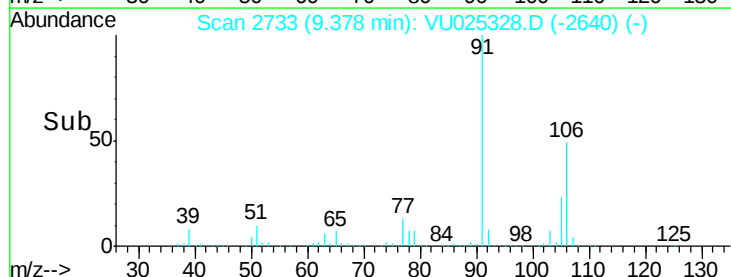
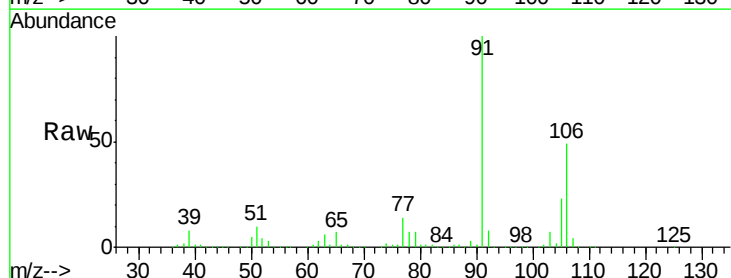
Acq: 11 Jul 2018 20:45

Tgt Ion: 106 Resp: 415035

Ion Ratio Lower Upper

106 100

91 203.4 162.3 243.5

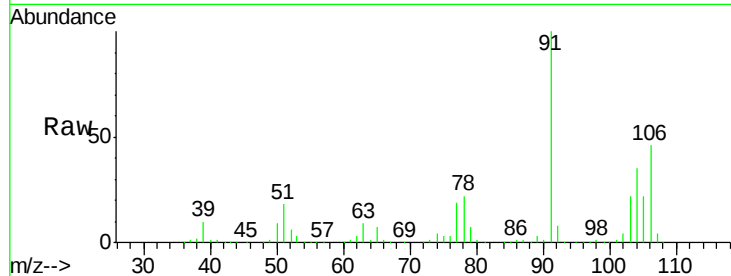




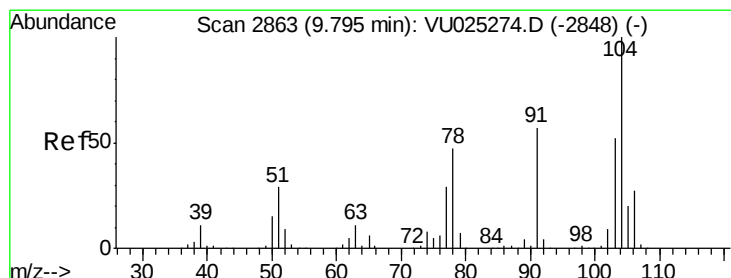
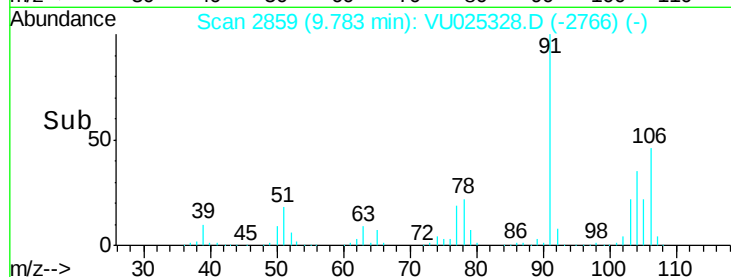
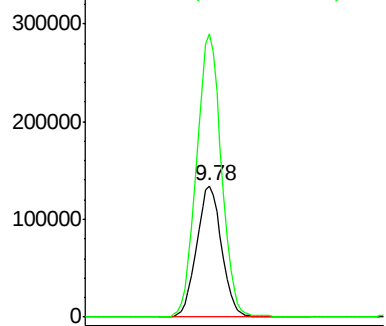
#69
o-Xylene
Concen: 51.70 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

Tot Ion:106 Resp: 210502
Ion Ratio Lower Upper
106 100
91 216.0 105.3 315.8

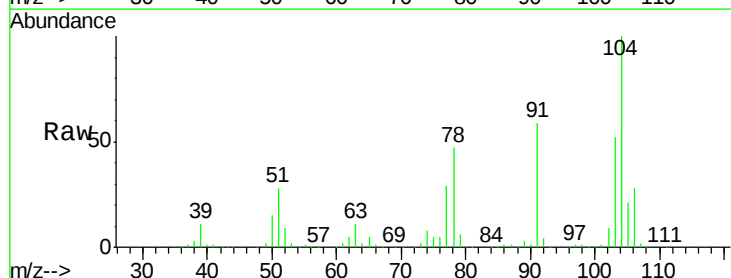


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

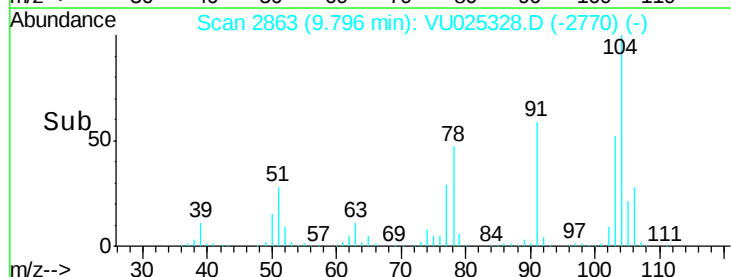
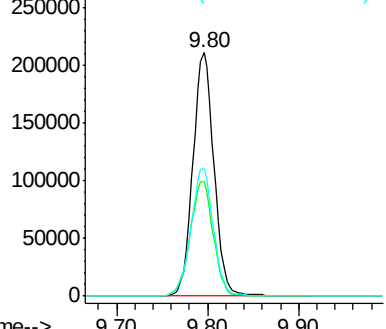


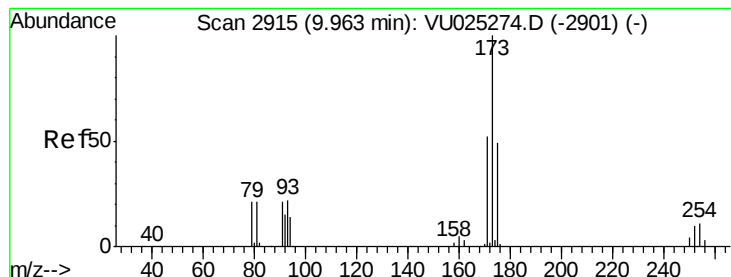
#70
Styrene
Concen: 52.54 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion:104 Resp: 339792
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 55.5 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: 48.12 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

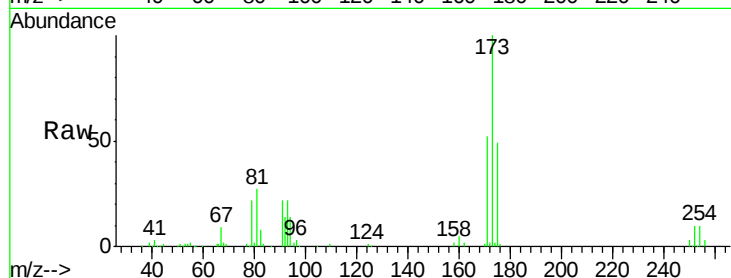
Tot Ion:173 Resp: 102272

Ion Ratio Lower Upper

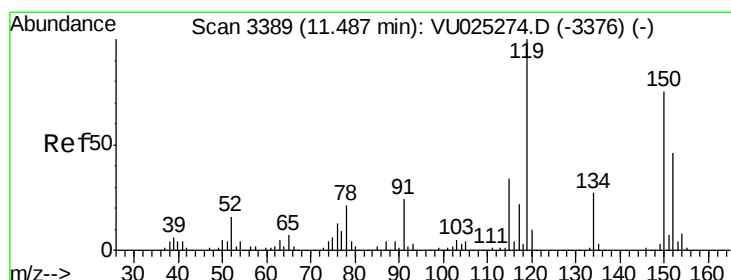
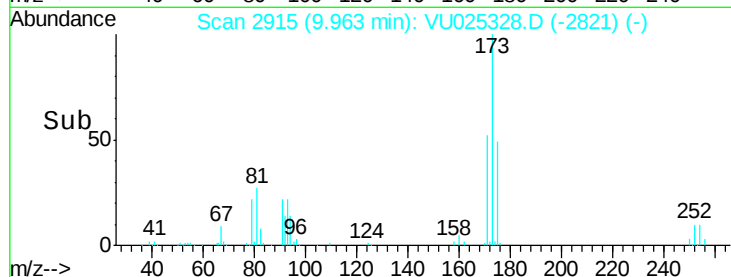
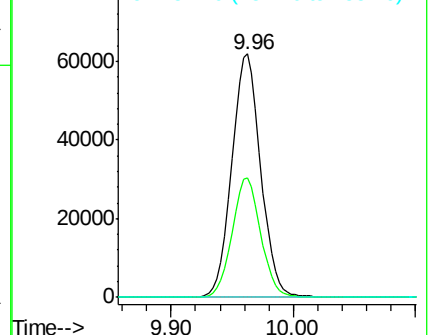
173 100

175 48.7 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: VU025328.D

Acq: 11 Jul 2018 20:45

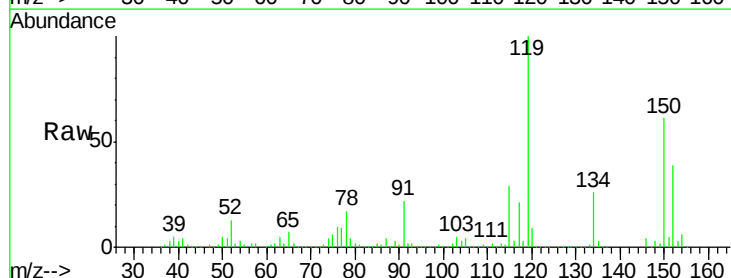
Tgt Ion:152 Resp: 150918

Ion Ratio Lower Upper

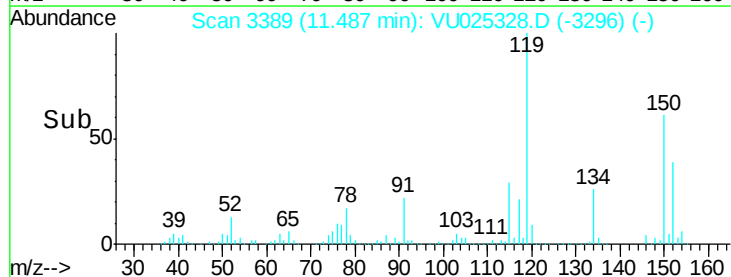
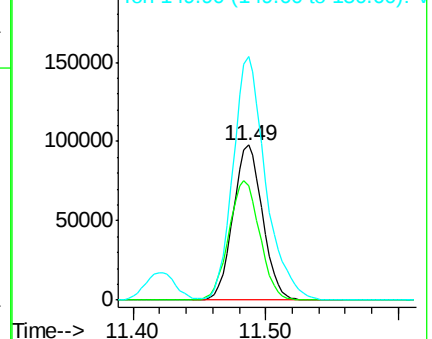
152 100

115 80.9 40.1 120.3

150 173.9 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: 49.53 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

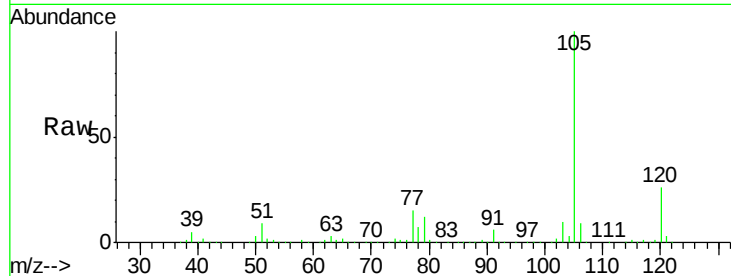
SS037MW036-180709MS

Tot Ion:105 Resp: 571132

Ion Ratio Lower Upper

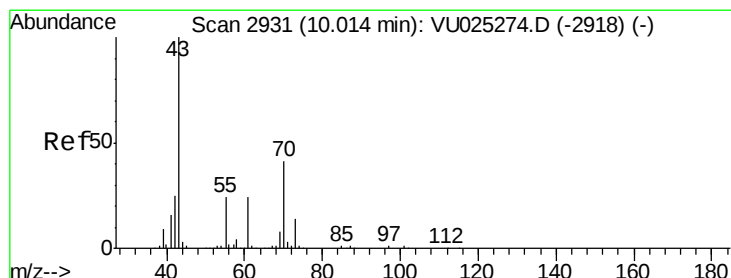
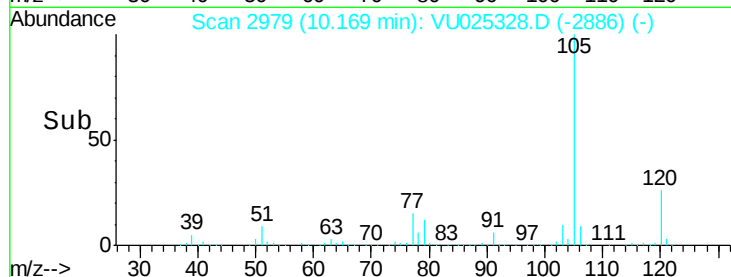
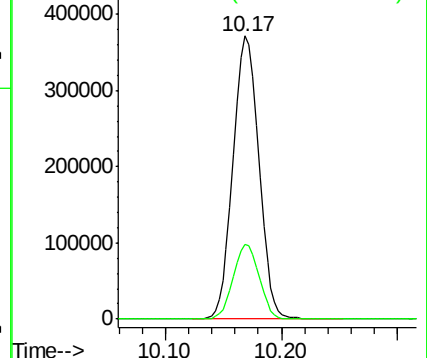
105 100

120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.79 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Tgt Ion: 43 Resp: 239816

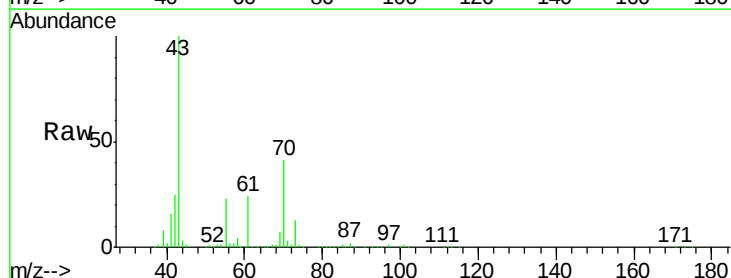
Ion Ratio Lower Upper

43 100

70 41.5 33.4 50.2

55 23.4 19.0 28.6

61 23.7 19.3 28.9

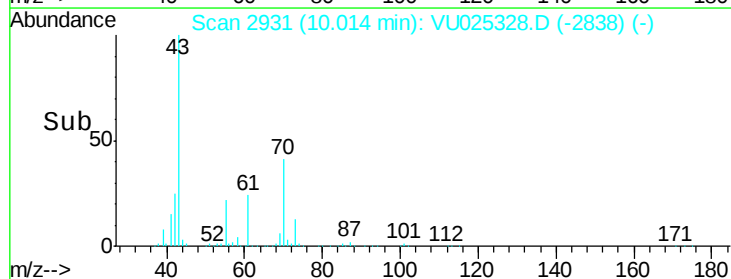
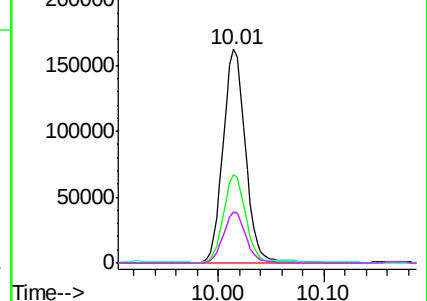


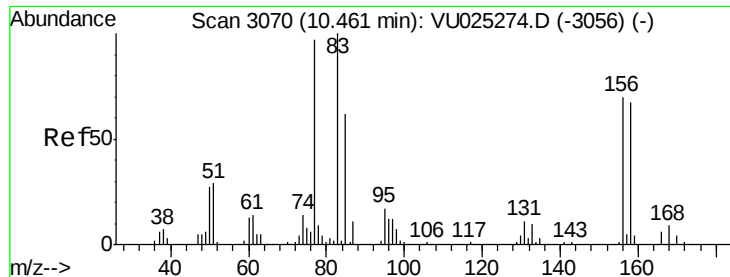
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.46 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

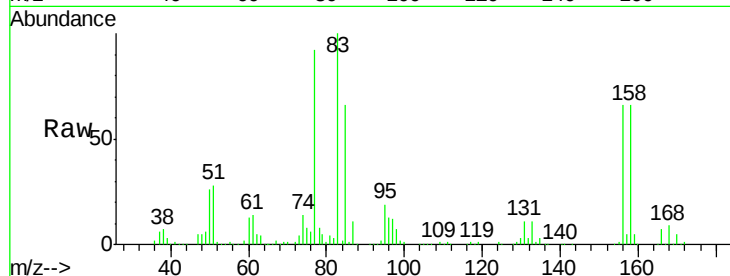
Tot Ion: 83 Resp: 194148

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

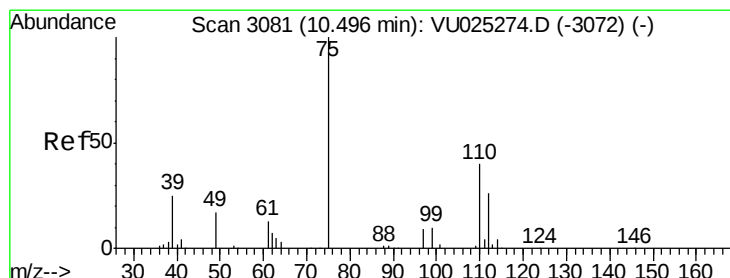
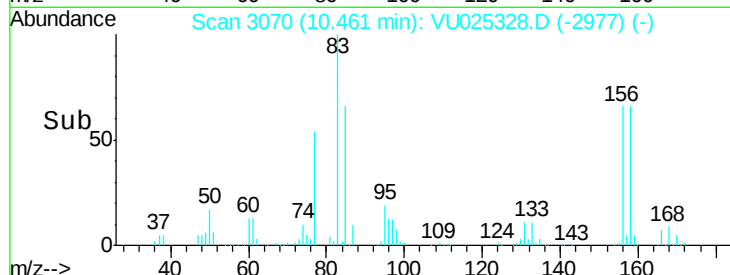
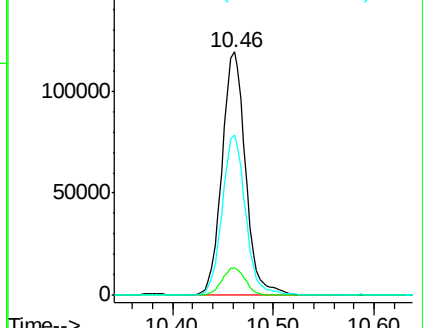
85 65.8 31.6 94.8



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: 69.92 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025328.D

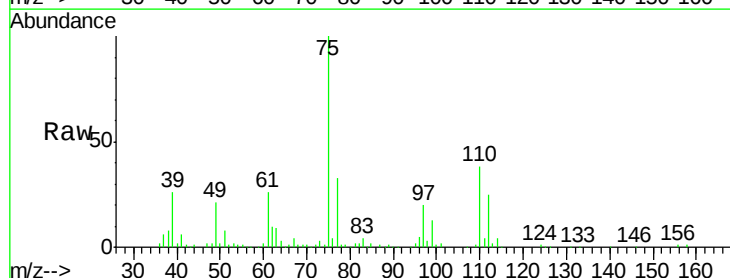
Acq: 11 Jul 2018 20:45

Tgt Ion: 75 Resp: 219057

Ion Ratio Lower Upper

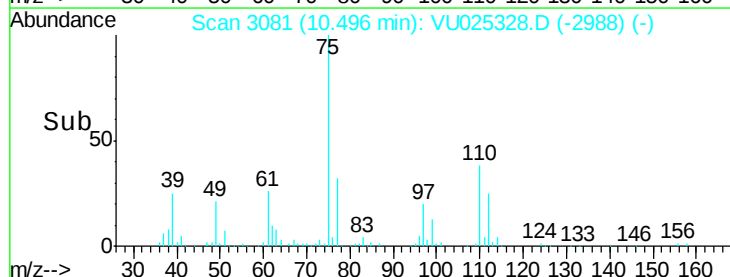
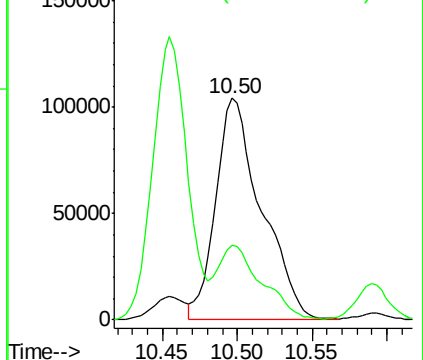
75 100

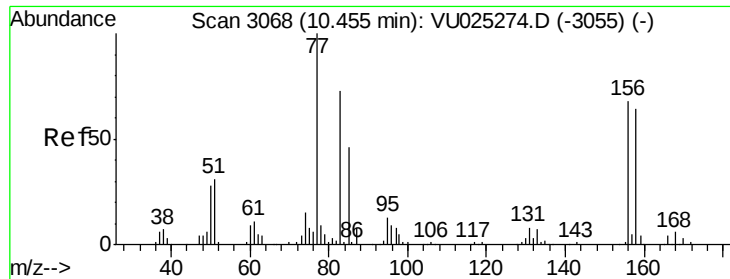
77 32.6 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

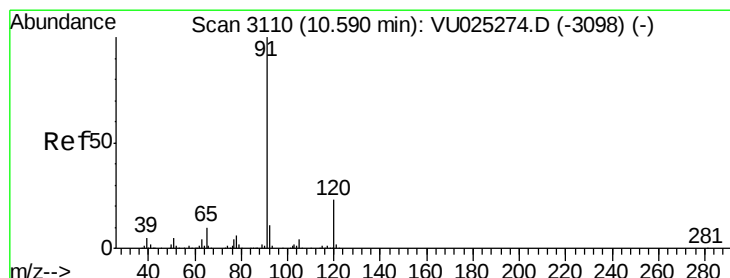
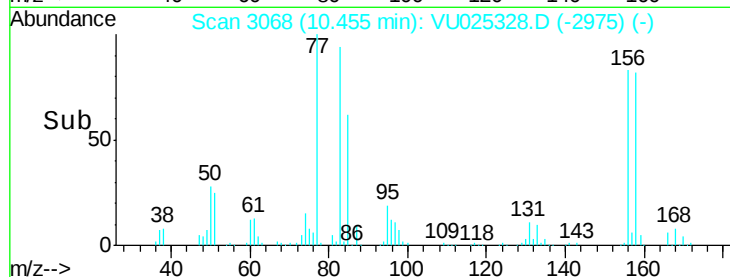
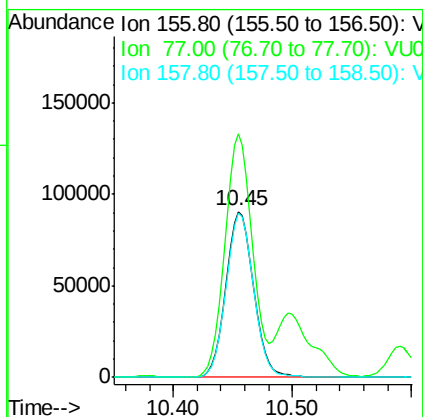
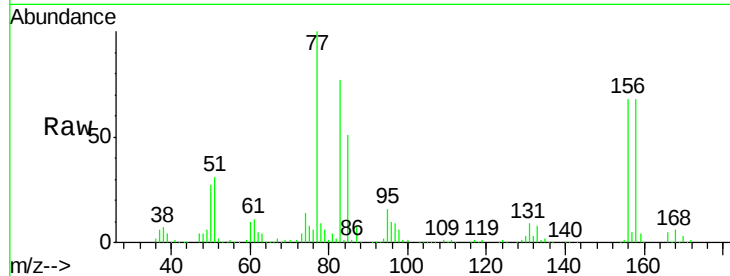




#77
Bromobenzene
Concen: 49.62 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

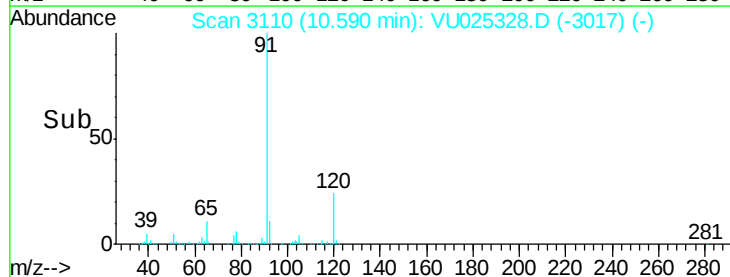
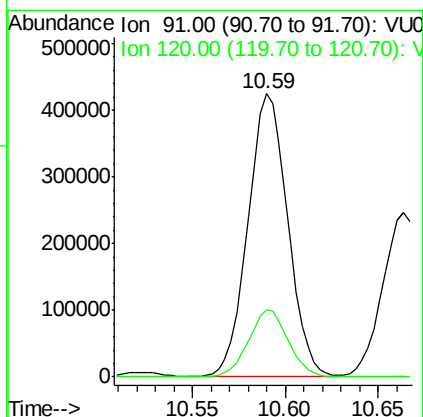
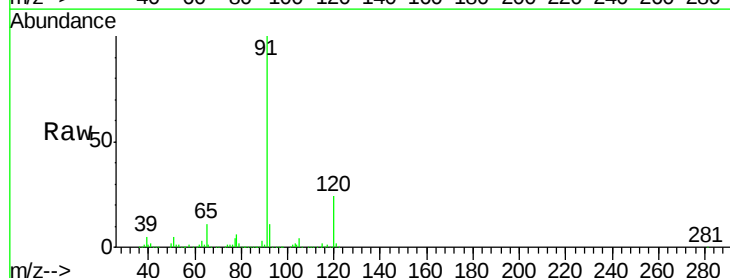
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

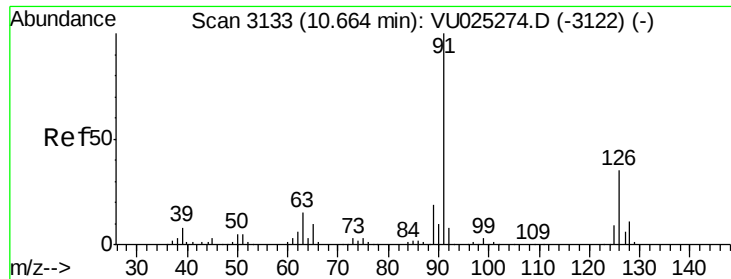
Tot Ion:156 Resp: 146388
Ion Ratio Lower Upper
156 100
77 145.5 73.8 221.4
158 98.2 48.0 144.0



#78
n-propylbenzene
Concen: 49.14 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion: 91 Resp: 628826
Ion Ratio Lower Upper
91 100
120 23.7 11.8 35.3

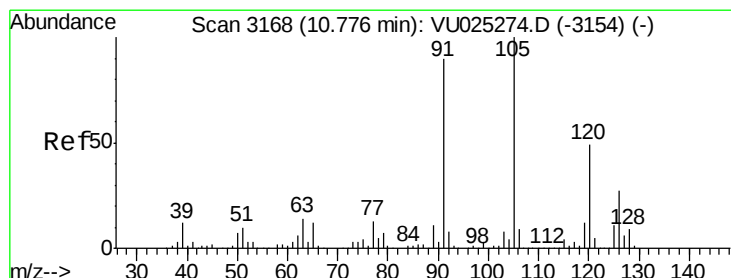
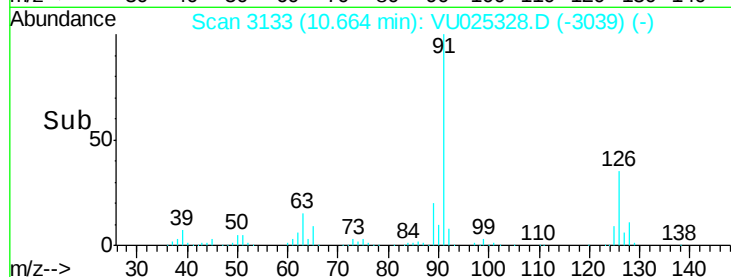
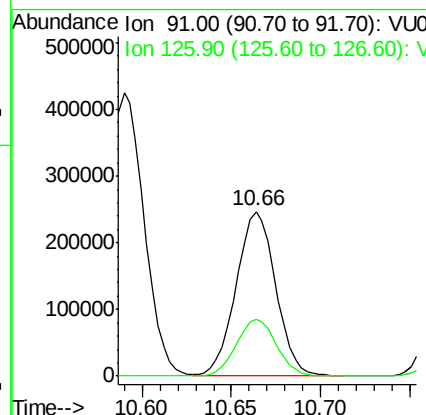
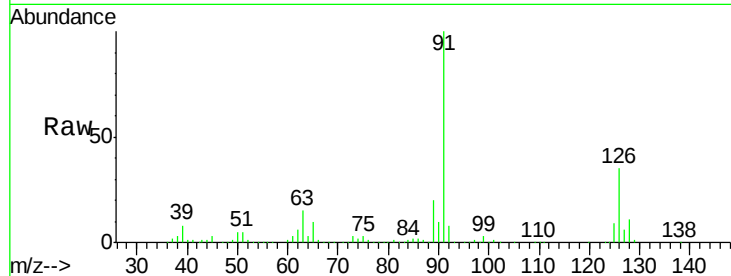




#79
 2-Chlorotoluene
 Concen: 51.62 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

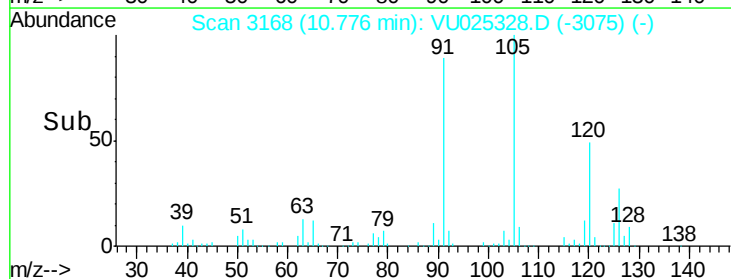
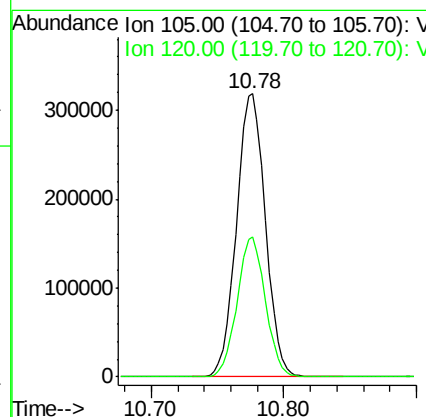
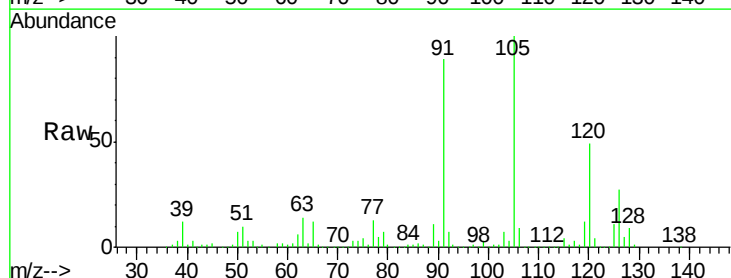
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

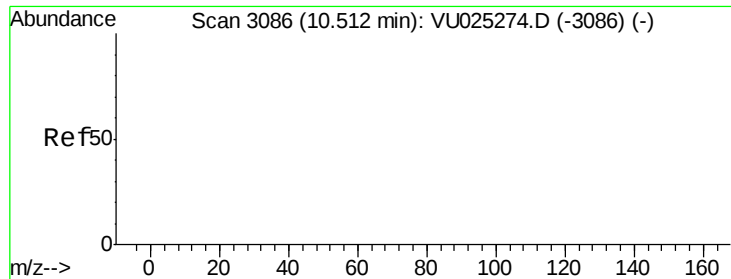
Tot Ion: 91 Resp: 379296
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.62 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 105 Resp: 481437
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 183.53 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

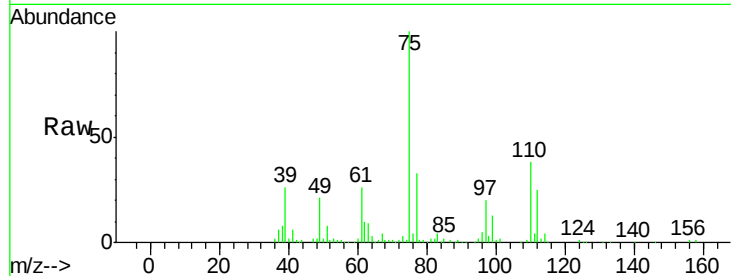
Tot Ion: 75 Resp: 220666

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

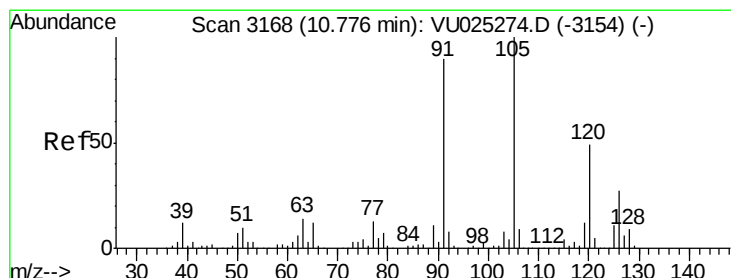
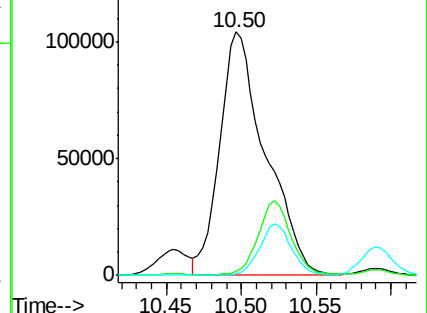
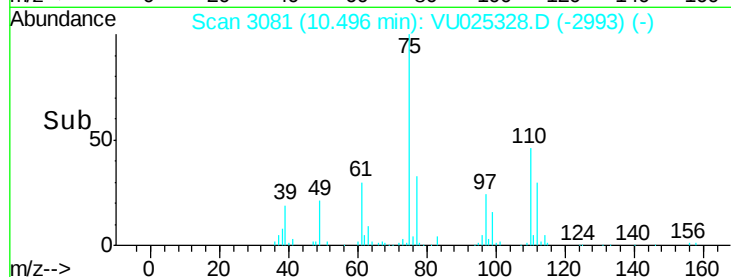
89 0.0 0.0 0.0



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: 48.37 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025328.D

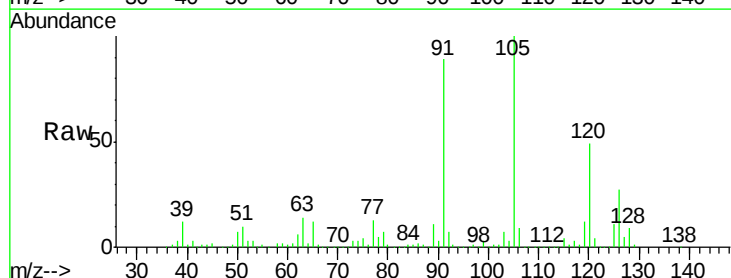
Acq: 11 Jul 2018 20:45

Tgt Ion: 91 Resp: 438258

Ion Ratio Lower Upper

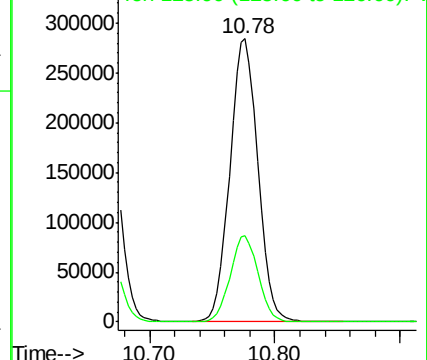
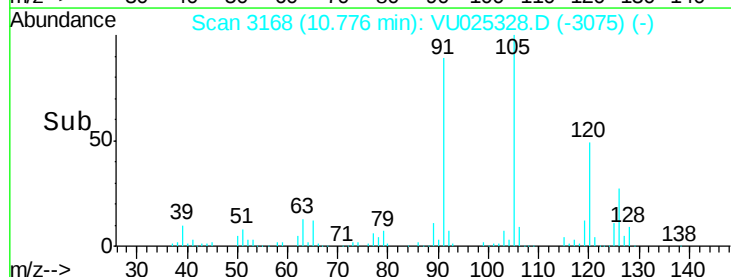
91 100

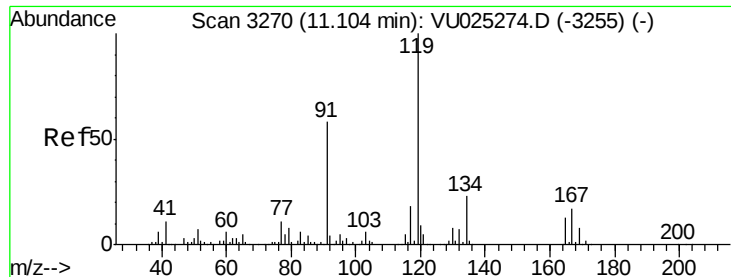
126 30.4 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

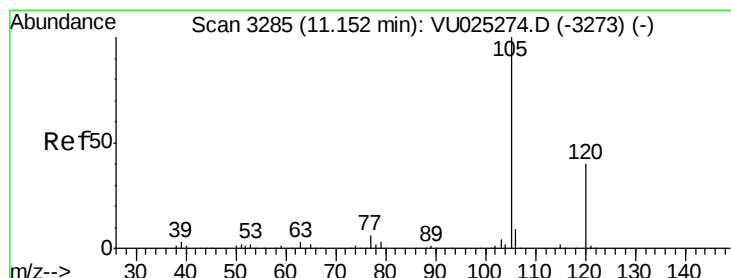
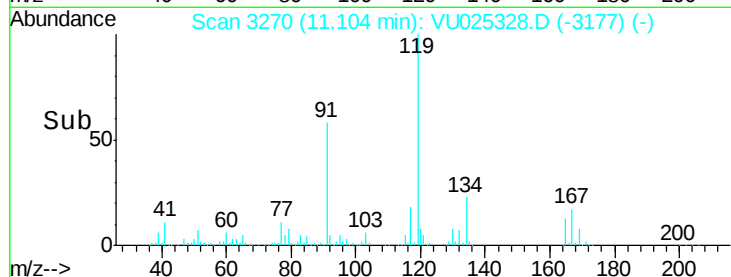
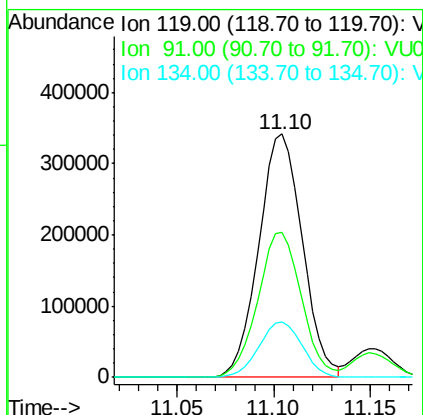
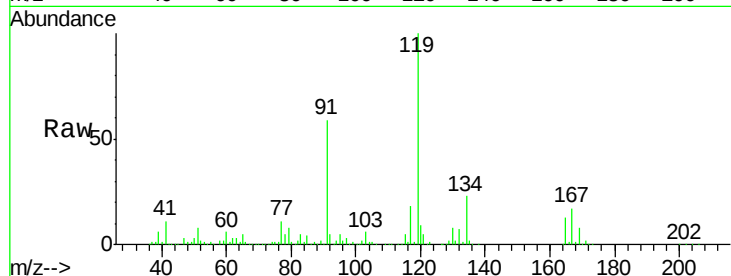




#83
tert-Butylbenzene
Concen: 54.66 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

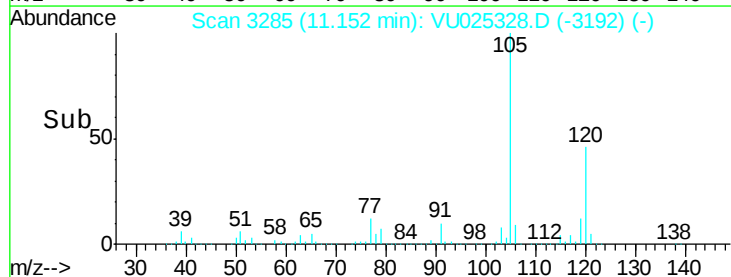
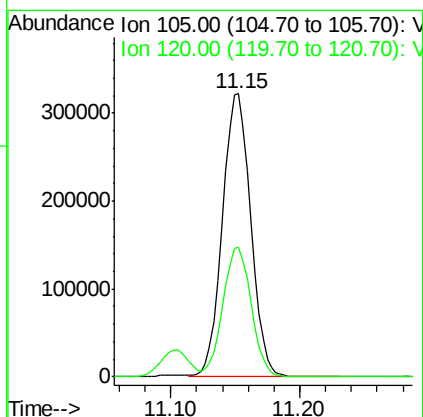
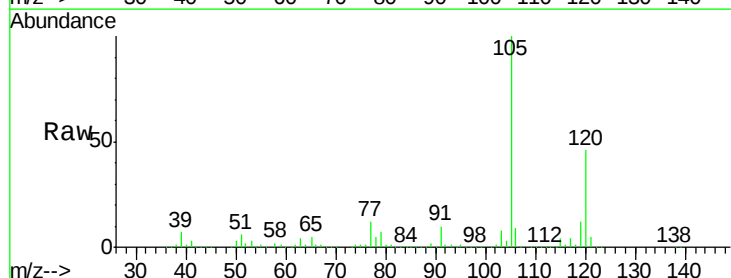
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

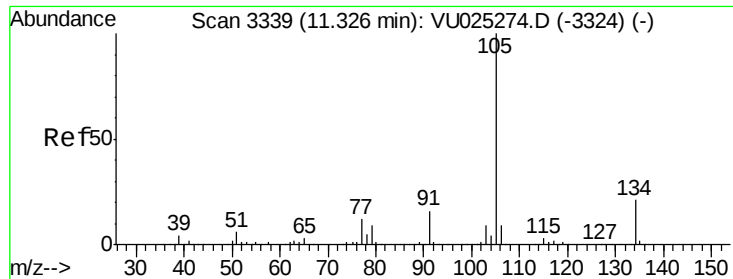
Tot Ion:119 Resp: 535962
Ion Ratio Lower Upper
119 100
91 59.4 29.7 89.1
134 22.8 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 49.24 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion:105 Resp: 489612
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8

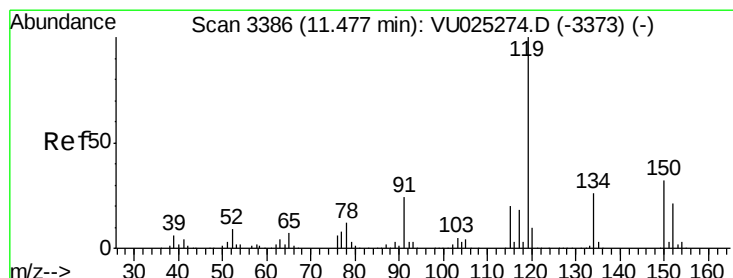
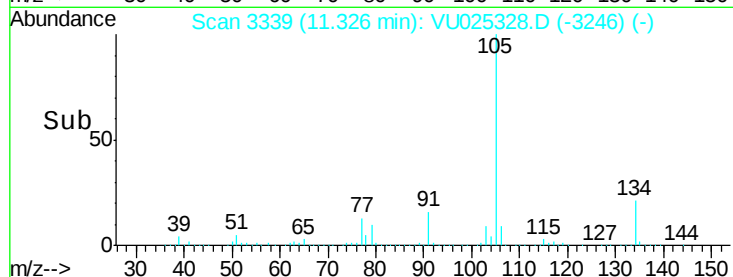
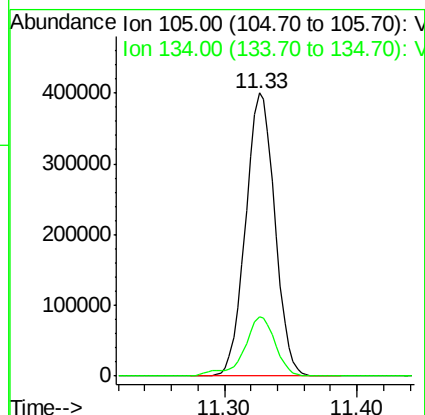
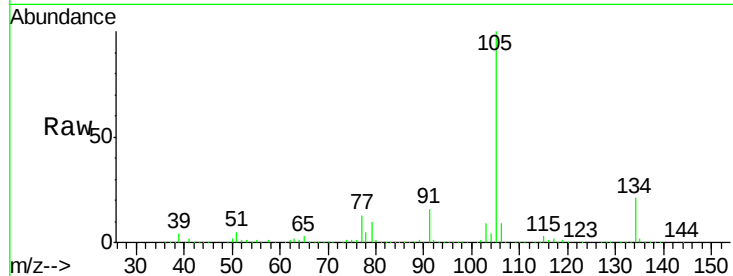




#85
 sec-Butylbenzene
 Concen: 52.85 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

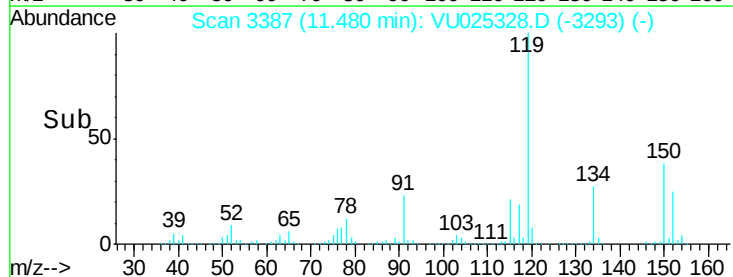
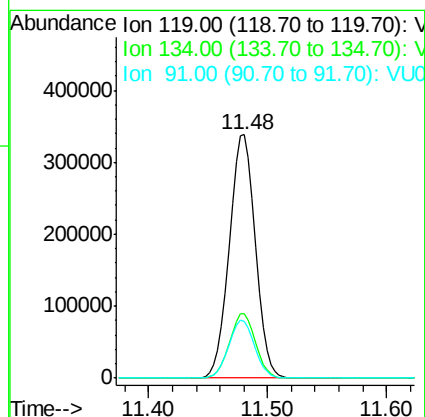
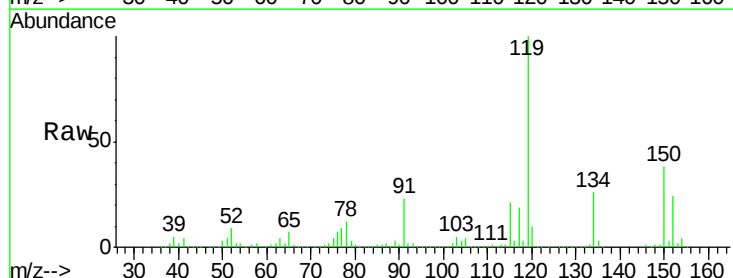
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

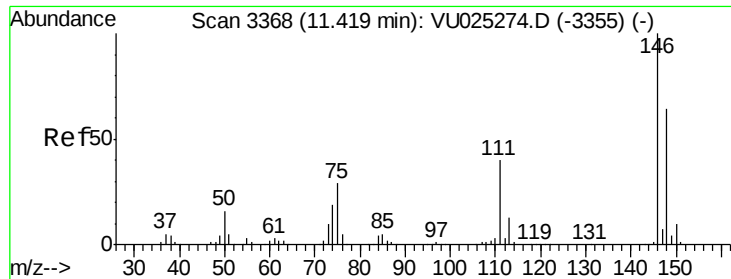
Tot Ion:105 Resp: 610134
 Ion Ratio Lower Upper
 105 100
 134 22.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.19 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion:119 Resp: 513015
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.4 12.0 36.1



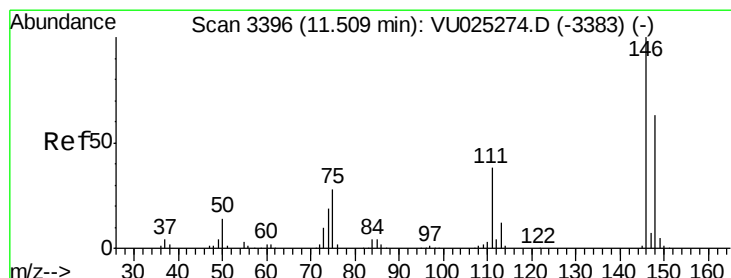
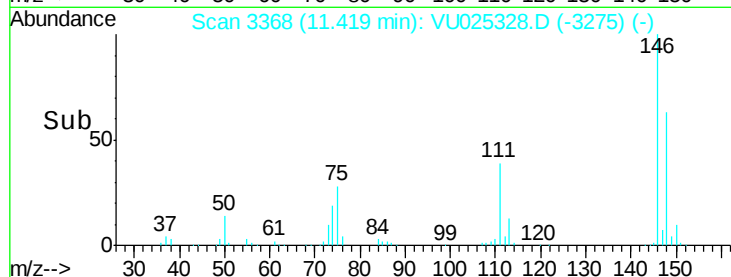
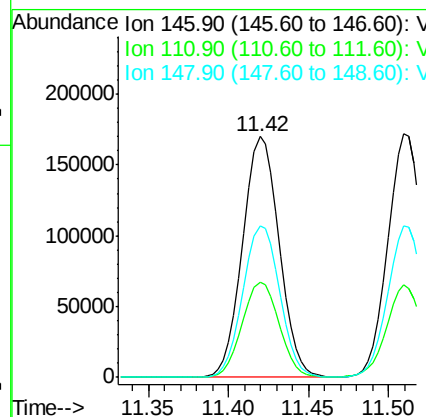
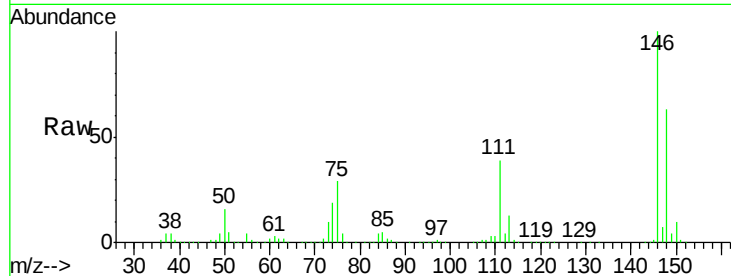


#87
 1,3-Dichlorobenzene
 Concen: 49.13 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

Tot Ion:146 Resp: 264887

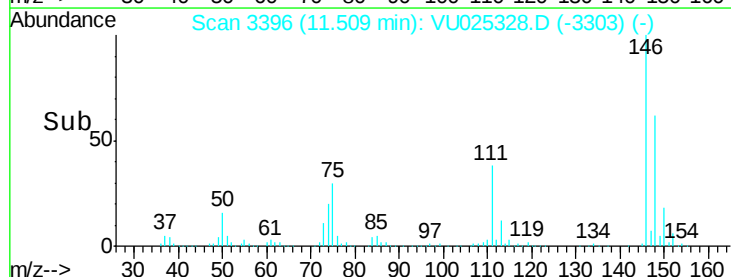
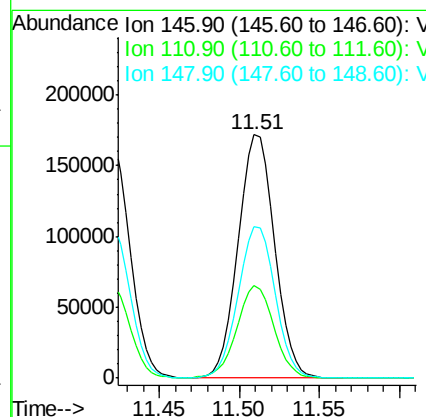
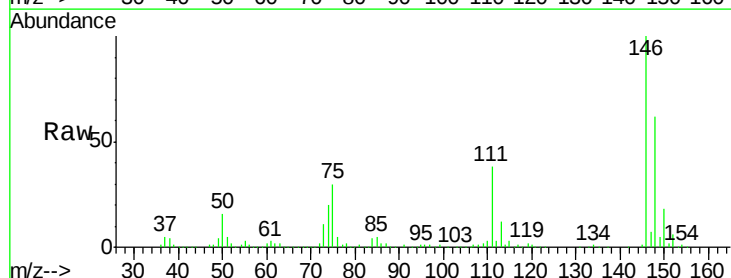
Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	63.6	32.1	96.3

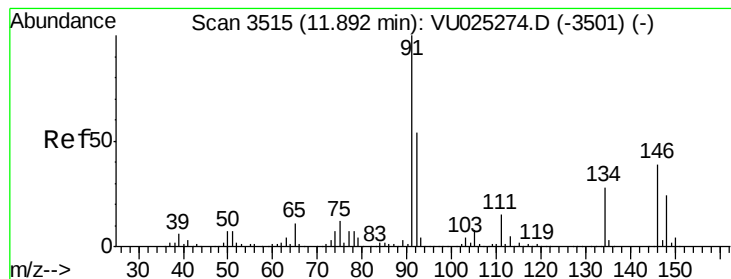


#88
 1,4-Dichlorobenzene
 Concen: 50.52 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion:146 Resp: 266146

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.4	31.7	95.1





#89

n-Butylbenzene

Concen: 49.59 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025328.D

Acq: 11 Jul 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MS

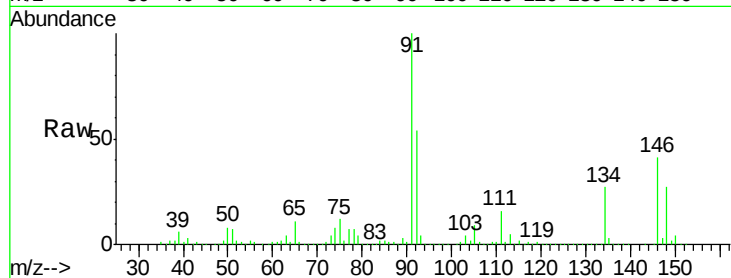
Tot Ion: 91 Resp: 416718

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

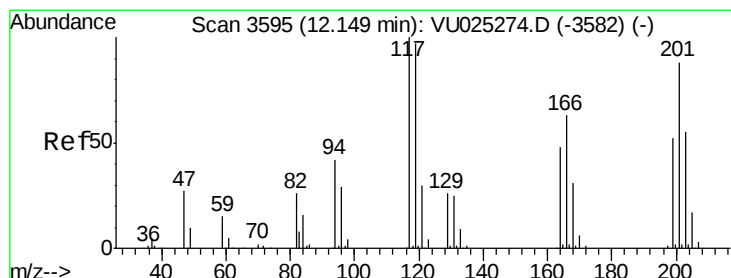
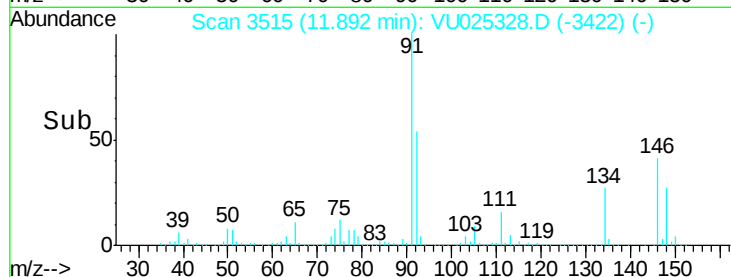
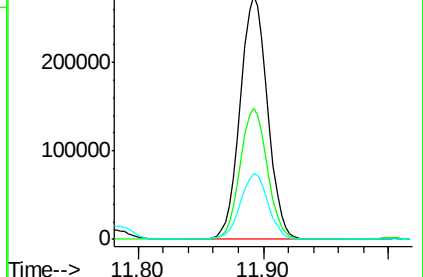
134 27.5 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3501) (-)

Ion 92.00 (91.70 to 92.70): VU025274.D (-3501) (-)

Ion 134.00 (133.70 to 134.70): VU025274.D (-3501) (-)



#90

Hexachloroethane

Concen: 51.28 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025328.D

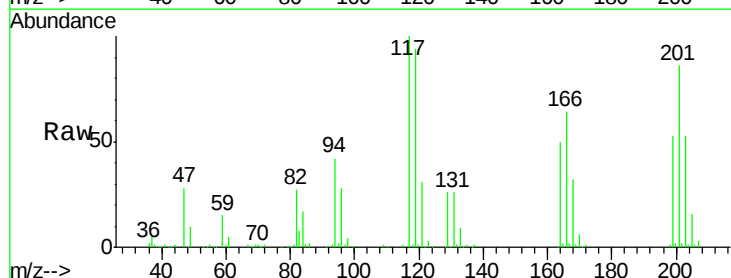
Acq: 11 Jul 2018 20:45

Tgt Ion: 117 Resp: 88766

Ion Ratio Lower Upper

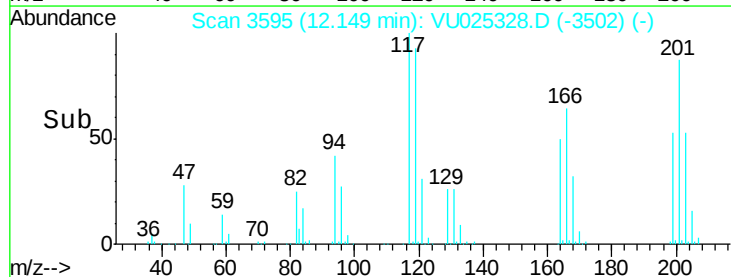
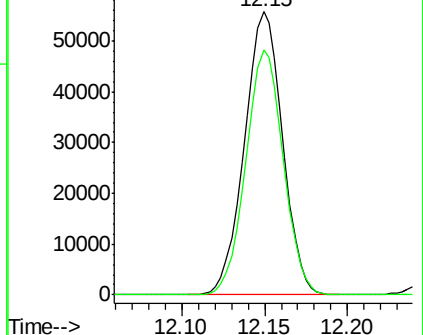
117 100

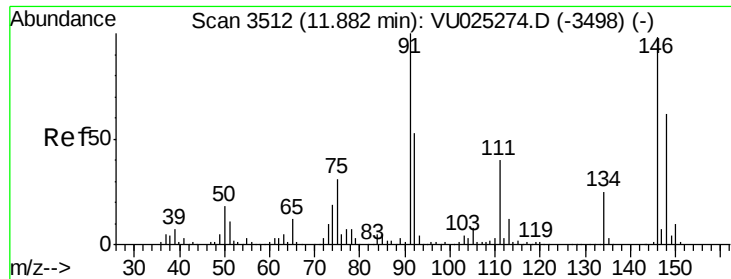
201 85.3 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU025274.D (-3582) (-)

Ion 200.70 (200.40 to 201.40): VU025274.D (-3582) (-)

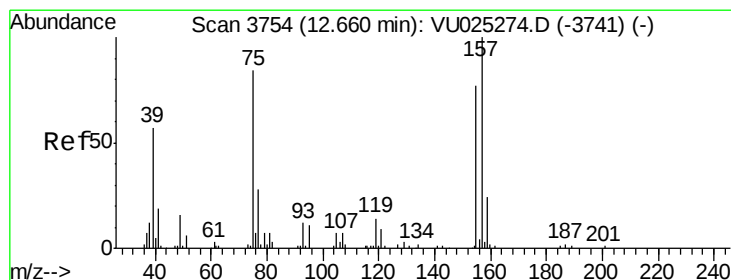
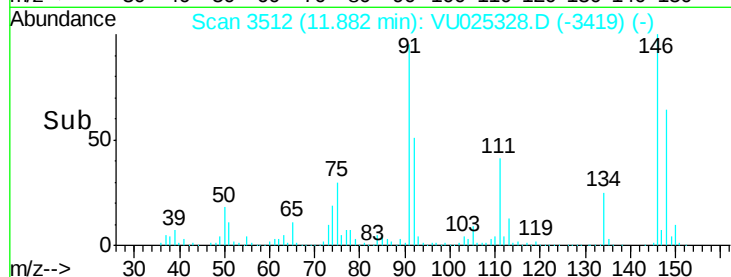
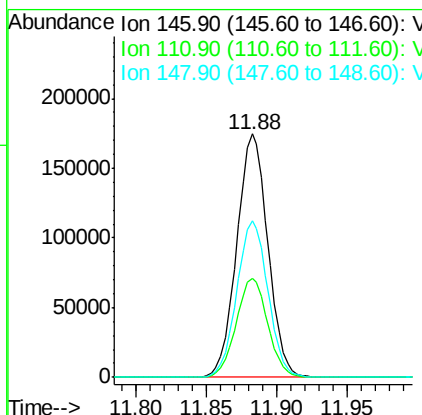
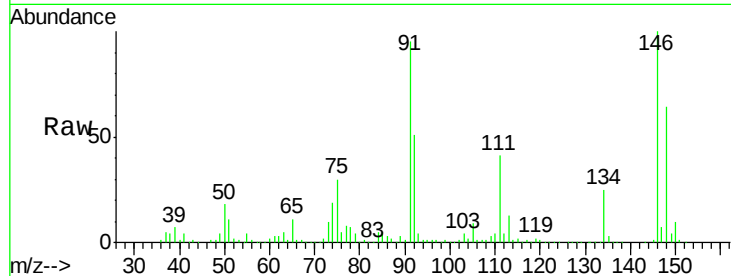




#91
 1,2-Dichlorobenzene
 Concen: 49.63 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

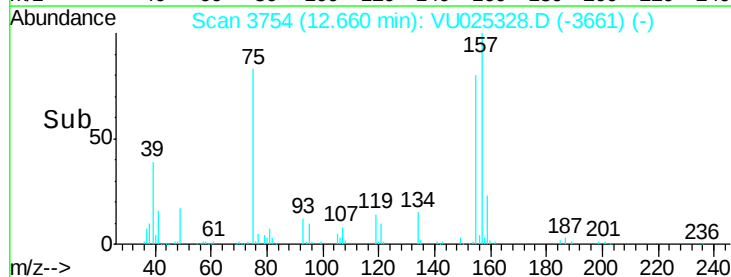
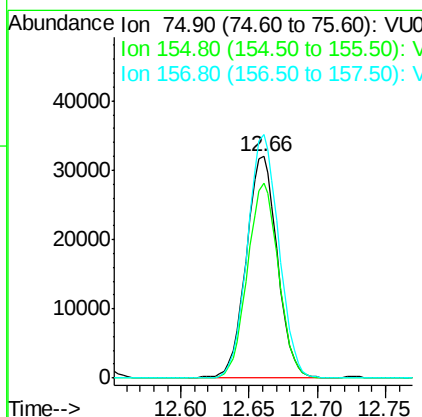
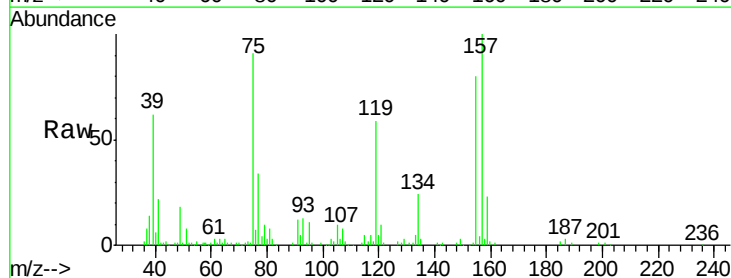
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

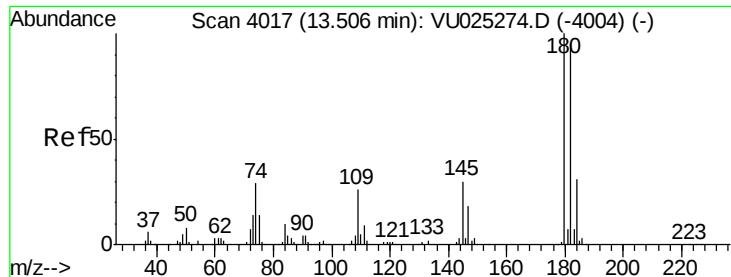
Tot Ion:146 Resp: 270242
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.8
 148 64.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.73 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion: 75 Resp: 50996
 Ion Ratio Lower Upper
 75 100
 155 87.2 44.5 133.3
 157 109.7 57.0 170.8

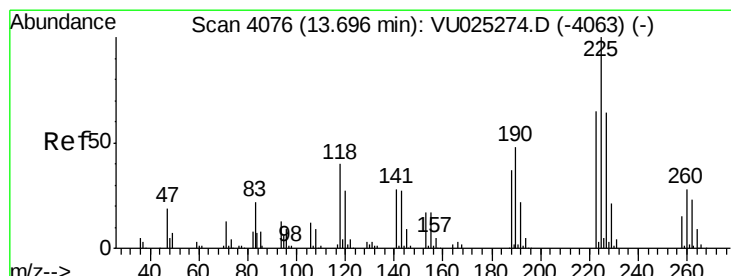
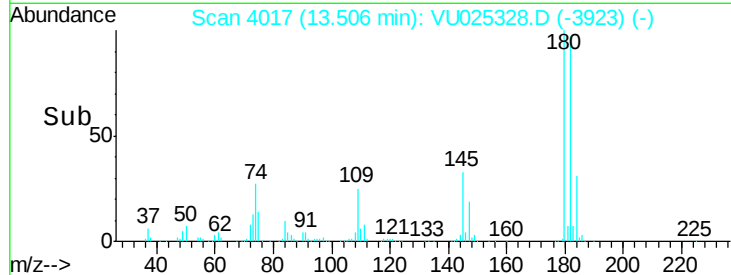
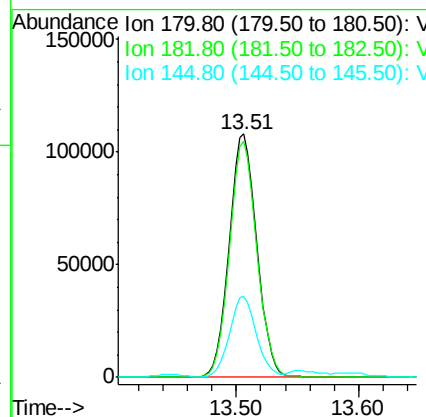
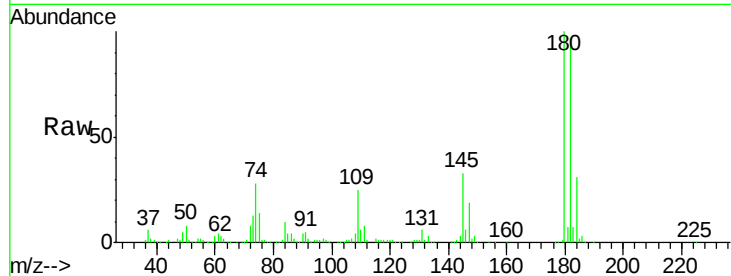




#93
 1,2,4-Trichlorobenzene
 Concen: 47.28 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

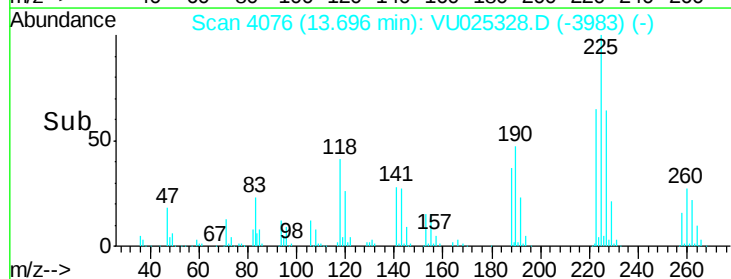
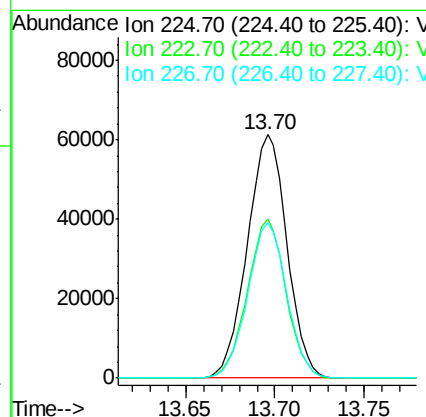
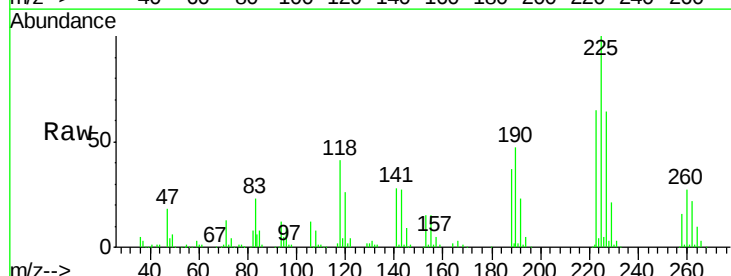
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

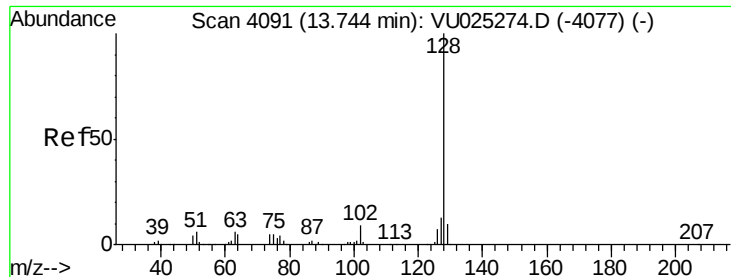
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.9
145	31.9	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 48.81 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025328.D
 Acq: 11 Jul 2018 20:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	62.7	32.3	96.9

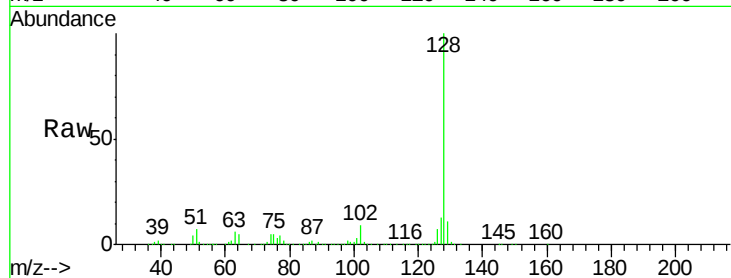




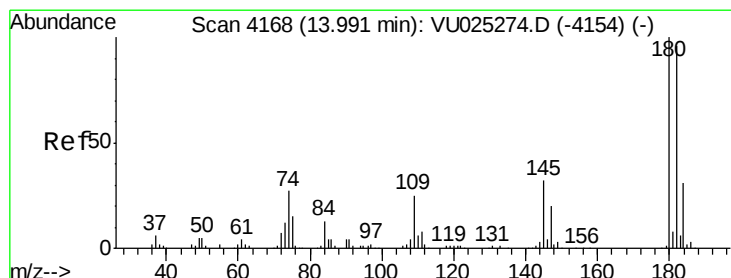
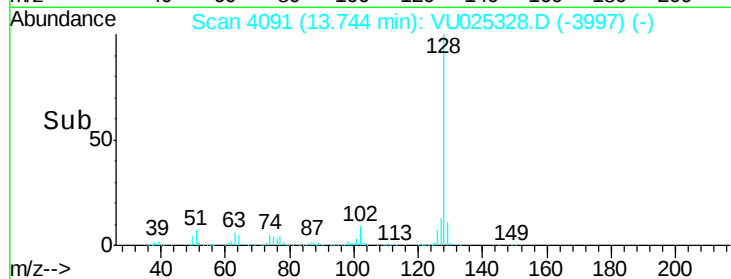
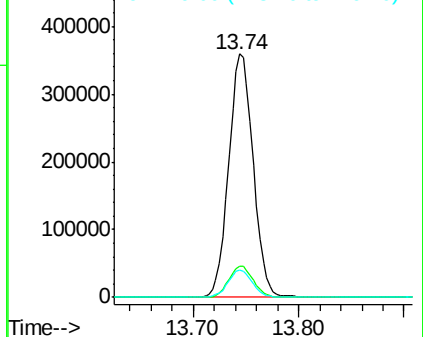
#95
Naphthalene
Concen: 51.97 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MS

Tot Ion:128 Resp: 577036
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.3 12.5

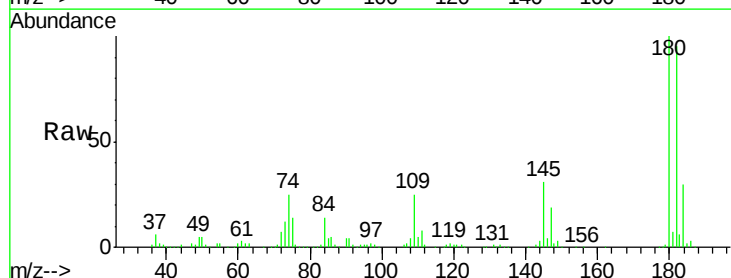


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.49 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025328.D
Acq: 11 Jul 2018 20:45

Tgt Ion:180 Resp: 183095
Ion Ratio Lower Upper
180 100
182 96.8 47.8 143.3
145 34.7 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

