

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025329.D
 Acq On : 11 Jul 2018 21:09
 Operator : MD/SY
 Sample : J3922-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

Quant Time: Jul 12 03:15:57 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	170913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151708	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	123374	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	4.89	113	101353	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
50) Toluene-d8	7.57	98	334823	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	
62) 4-Bromofluorobenzene	10.31	95	137791	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	82173	46.46	ug/l	100
3) Chloromethane	1.33	50	86523	49.11	ug/l	100
4) Vinyl Chloride	1.40	62	95191	48.97	ug/l	99
5) Bromomethane	1.62	94	56690	57.99	ug/l	98
6) Chloroethane	1.69	64	64155	51.89	ug/l	98
7) Trichlorofluoromethane	1.88	101	147490	48.28	ug/l	98
8) Diethyl Ether	2.10	74	60027	52.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	93821	49.56	ug/l	100
10) Methyl Iodide	2.41	142	106743	50.32	ug/l	100
11) Tert butyl alcohol	2.83	59	155204	267.93	ug/l	100
12) 1,1-Dichloroethene	2.28	96	84988	49.06	ug/l	97
13) Acrolein	2.19	56	55783	145.57	ug/l	98
14) Allyl chloride	2.59	41	146632	46.67	ug/l	100
15) Acrylonitrile	2.93	53	323157	271.35	ug/l	100
16) Acetone	2.32	43	302903	224.06	ug/l	99
17) Carbon Disulfide	2.48	76	225031	44.66	ug/l	99
18) Methyl Acetate	2.62	43	153396	56.42	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	358390	54.39	ug/l	99
20) Methylene Chloride	2.70	84	107700	52.39	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	98361	49.68	ug/l	98
22) Diisopropyl ether	3.57	45	342920	53.44	ug/l	95
23) Vinyl Acetate	3.53	43	1461351	259.62	ug/l	100
24) 1,1-Dichloroethane	3.45	63	194292	53.69	ug/l	99
25) 2-Butanone	4.26	43	475155	258.17	ug/l	99
26) 2,2-Dichloropropane	4.23	77	141012	40.53	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	118738	51.83	ug/l	98
28) Bromochloromethane	4.55	49	90701	51.91	ug/l	99
29) Tetrahydrofuran	4.63	42	298471	270.37	ug/l	99
30) Chloroform	4.68	83	203787	53.18	ug/l	99
31) Cyclohexane	5.00	56	165073	49.23	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	184419	53.10	ug/l	99
36) 1,1-Dichloropropene	5.14	75	139103	47.35	ug/l	99
37) Ethyl Acetate	4.38	43	168012	51.28	ug/l	99
38) Carbon Tetrachloride	5.14	117	160539	50.77	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	169189	46.17	ug/l	97
40) Benzene	5.39	78	427165	50.46	ug/l	98
41) Methacrylonitrile	4.54	41	97228	53.52	ug/l	98
42) 1,2-Dichloroethane	5.41	62	172170	51.16	ug/l	100
43) Isopropyl Acetate	5.55	43	280256	53.42	ug/l	99
44) Trichloroethene	6.19	130	116486	47.92	ug/l	98
45) 1,2-Dichloropropane	6.44	63	113368	51.13	ug/l	97
46) Dibromomethane	6.56	93	82062	50.85	ug/l	99
47) Bromodichloromethane	6.76	83	155173	51.76	ug/l	99
48) Methyl methacrylate	6.63	41	140881	53.86	ug/l	98
49) 1,4-Dioxane	6.62	88	63863	1014.72	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	910059	266.87	ug/l	99
52) Toluene	7.64	92	271445	50.40	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	163577	49.66	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	170240	48.56	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	118335	52.75	ug/l	98
56) Ethyl methacrylate	8.02	69	183066	52.25	ug/l	98
57) 1,3-Dichloropropane	8.25	76	194558	52.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	98	11.22	ug/l #	47
59) 2-Hexanone	8.36	43	711100	257.08	ug/l	98
60) Dibromochloromethane	8.48	129	129123	53.30	ug/l	98
61) 1,2-Dibromoethane	8.59	107	125648	52.35	ug/l	100
64) Tetrachloroethene	8.23	164	102330	44.20	ug/l	99
65) Chlorobenzene	9.12	112	1675483	264.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	119623	52.70	ug/l	99
67) Ethyl Benzene	9.25	91	536835	49.63	ug/l	99
68) m/p-Xylenes	9.38	106	418891	100.16	ug/l	99
69) o-Xylene	9.78	106	207650	49.59	ug/l	96
70) Styrene	9.80	104	341386	51.33	ug/l	99
71) Bromoform	9.96	173	102381	46.97	ug/l #	98
73) Isopropylbenzene	10.17	105	573804	49.50	ug/l	99
74) N-amyl acetate	10.01	43	246300	51.87	ug/l	99
75) 1,1,1,2-Tetrachloroethane	10.46	83	194285	51.23	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	221120	70.21	ug/l	83
77) Bromobenzene	10.45	156	146635	49.45	ug/l	100
78) n-propylbenzene	10.59	91	627721	48.80	ug/l	99
79) 2-Chlorotoluene	10.66	91	383382	51.91	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	478766	49.09	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	221120	182.95	ug/l #	100
82) 4-Chlorotoluene	10.78	91	441750	48.50	ug/l	99
83) tert-Butylbenzene	11.10	119	535479	54.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	492443	49.26	ug/l	99
85) sec-Butylbenzene	11.33	105	613821	52.89	ug/l	96
86) p-Isopropyltoluene	11.48	119	513154	49.94	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	265170	48.93	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	268626	50.72	ug/l	99
89) n-Butylbenzene	11.89	91	426534	50.49	ug/l	99
90) Hexachloroethane	12.15	117	88386	50.80	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	276201	50.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50451	54.85	ug/l	97

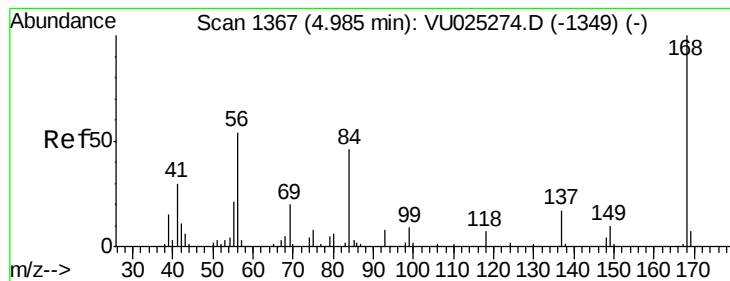
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	177316	48.49	ug/l	97
94) Hexachlorobutadiene	13.70	225	96546	49.32	ug/l	99
95) Naphthalene	13.74	128	609893	54.52	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	189373	50.85	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

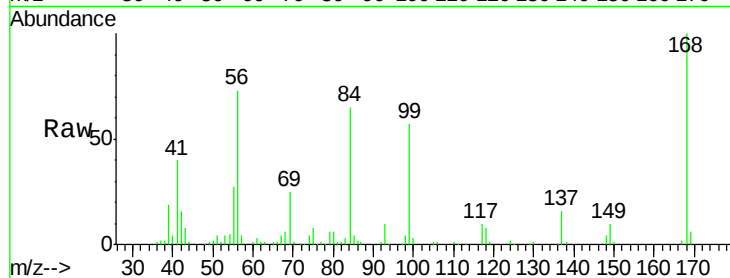
SS037MW036-180709MSD

Tot Ion:168 Resp: 170913

Ion Ratio Lower Upper

168 100

99 56.5 42.8 64.2



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

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

4.99

80000

60000

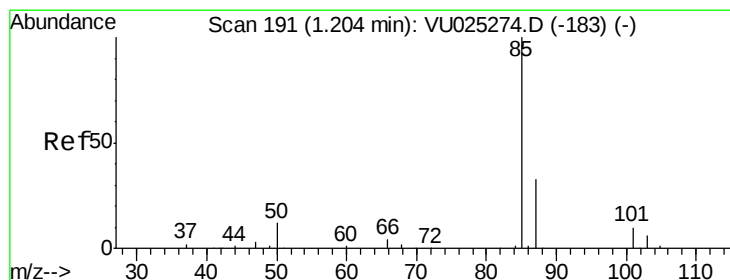
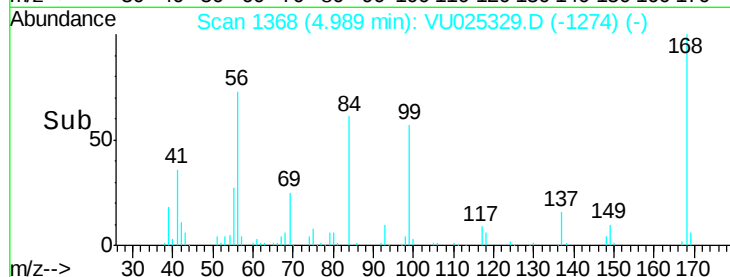
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.46 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025329.D

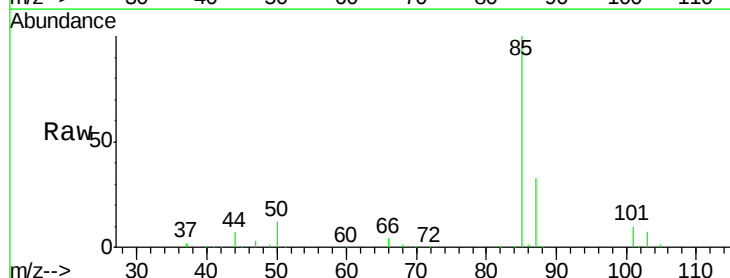
Acq: 11 Jul 2018 21:09

Tgt Ion: 85 Resp: 82173

Ion Ratio Lower Upper

85 100

87 32.9 16.5 49.5



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

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

1.20

80000

60000

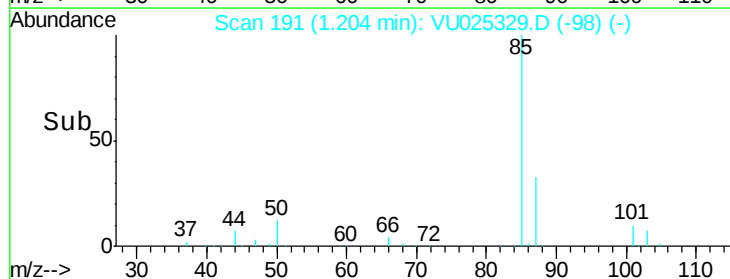
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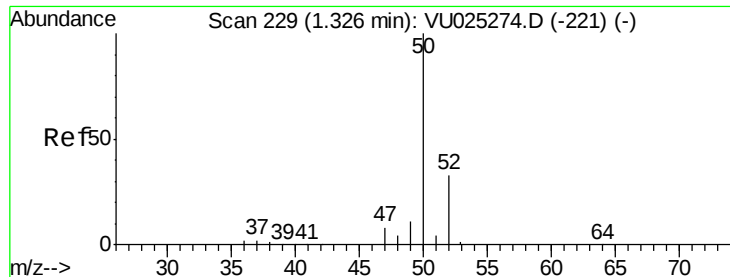
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.11 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

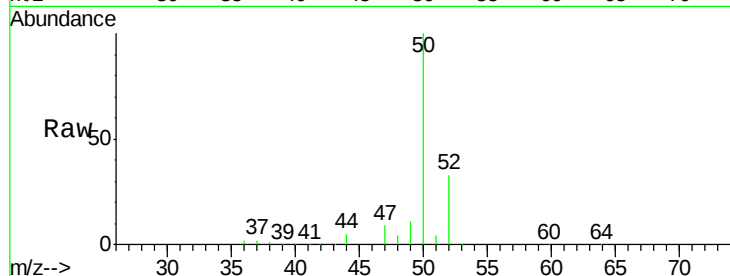
SS037MW036-180709MSD

Tot Ion: 50 Resp: 86523

Ion Ratio Lower Upper

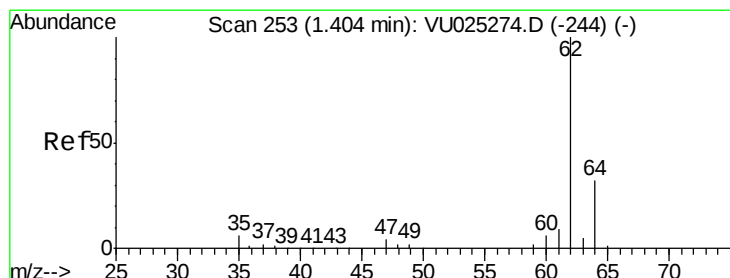
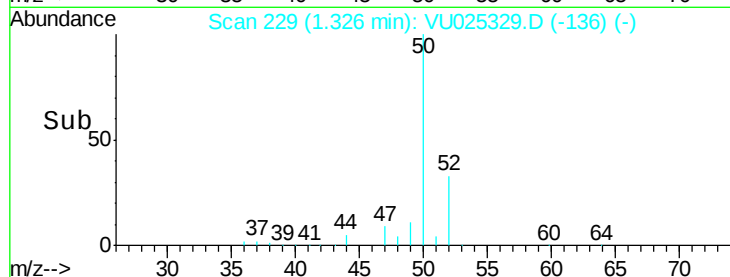
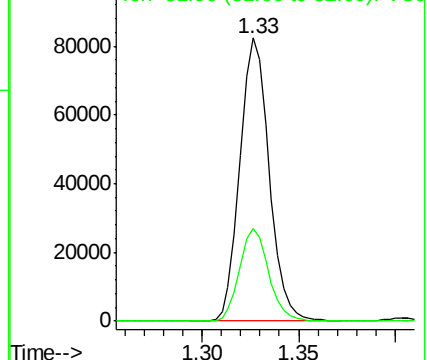
50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 48.97 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025329.D

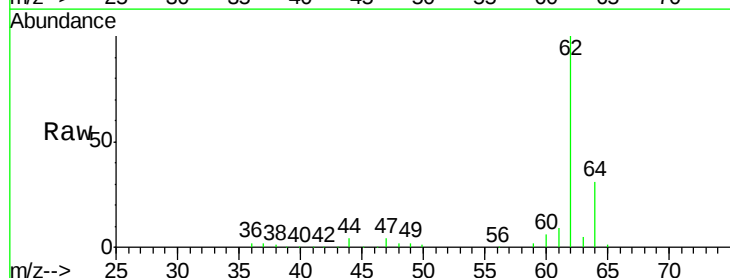
Acq: 11 Jul 2018 21:09

Tgt Ion: 62 Resp: 95191

Ion Ratio Lower Upper

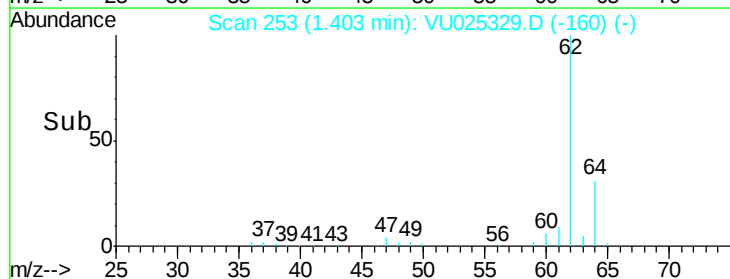
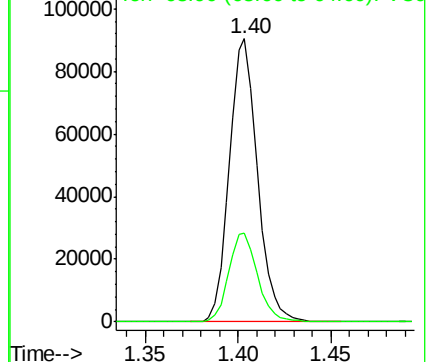
62 100

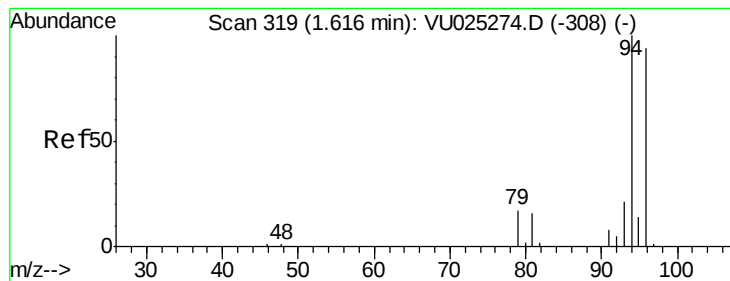
64 30.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 57.99 ug/l

RT: 1.62 min Scan# 319

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

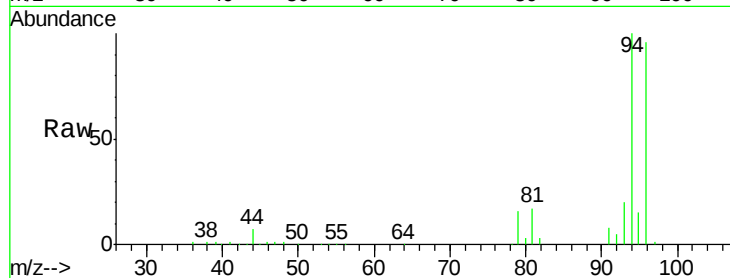
SS037MW036-180709MSD

Tot Ion: 94 Resp: 56690

Ion Ratio Lower Upper

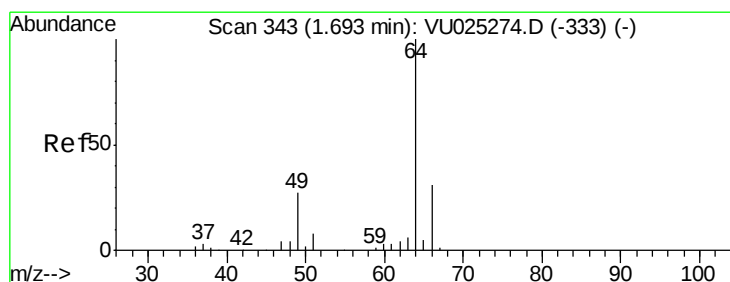
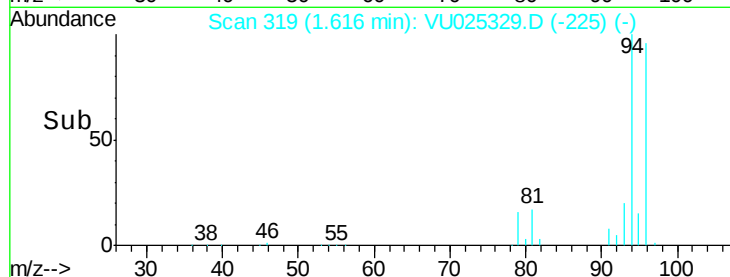
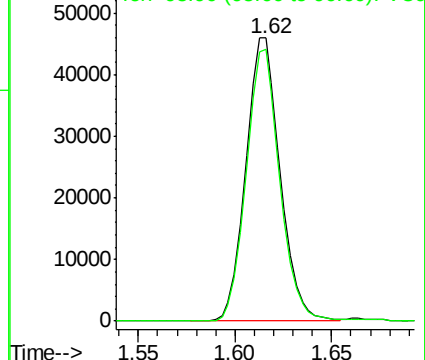
94 100

96 96.1 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: 51.89 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025329.D

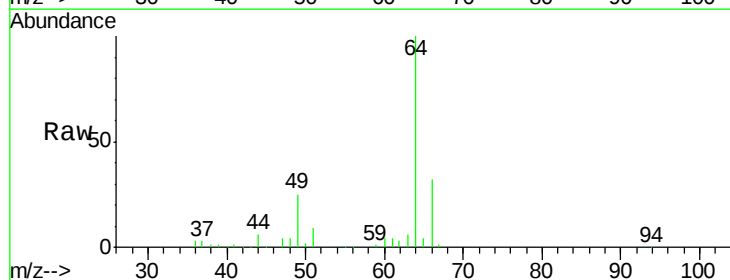
Acq: 11 Jul 2018 21:09

Tgt Ion: 64 Resp: 64155

Ion Ratio Lower Upper

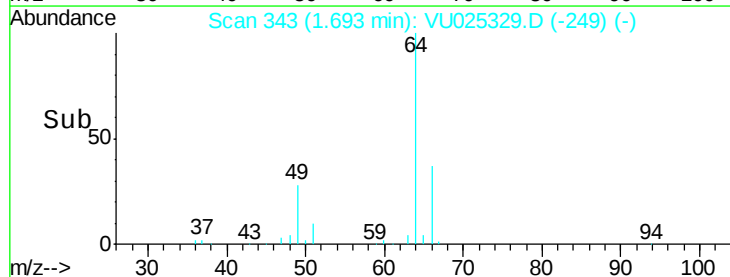
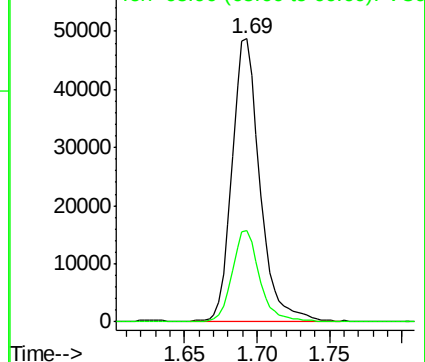
64 100

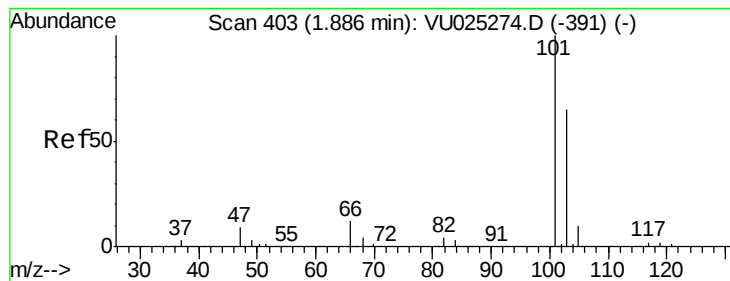
66 32.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



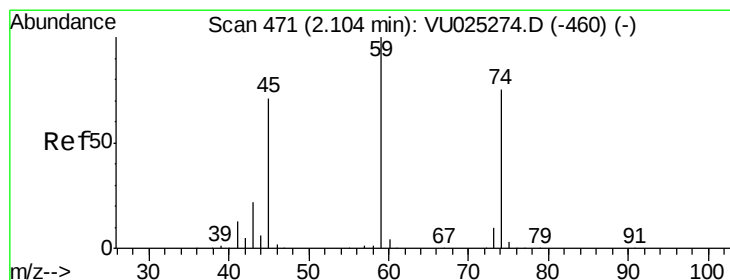
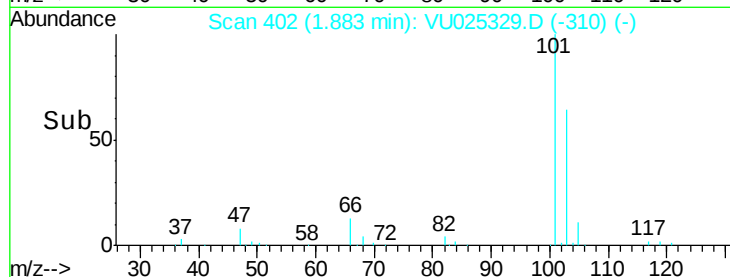
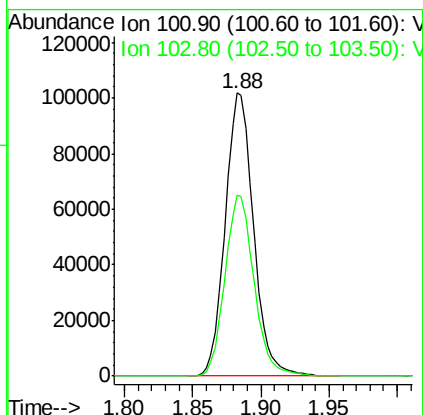
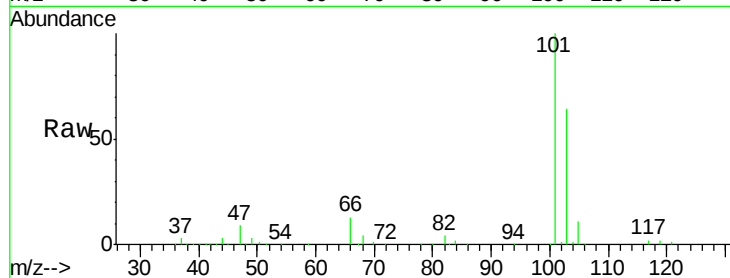


#7

Trichlorofluoromethane
Concen: 48.28 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Instrument :
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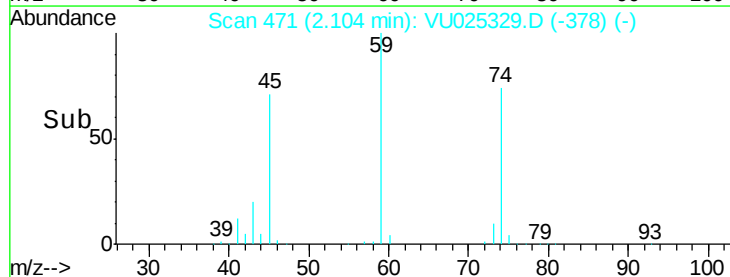
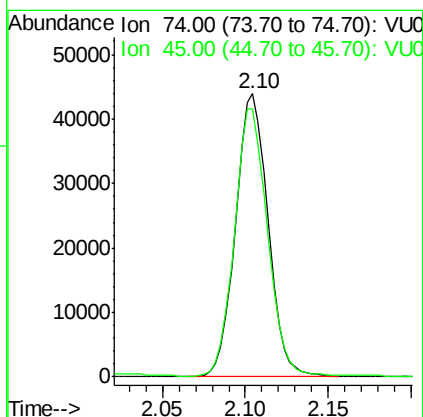
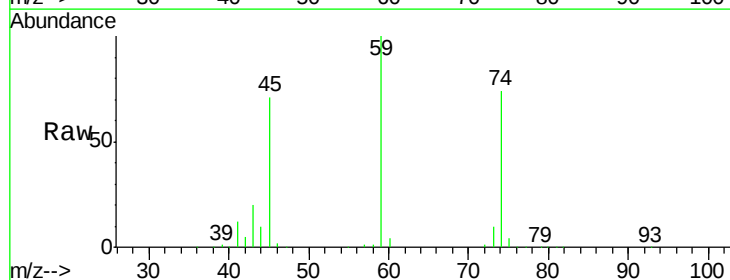
Tot Ion:101 Resp: 147490
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2

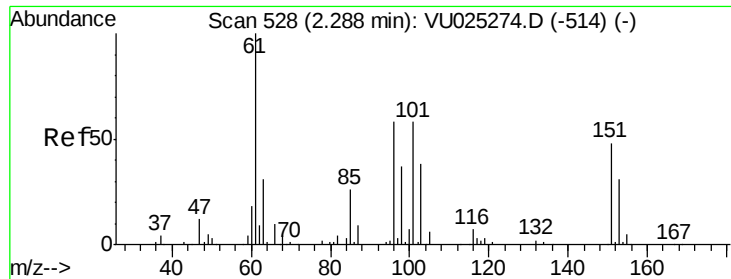


#8

Diethyl Ether
Concen: 52.36 ug/l
RT: 2.10 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 74 Resp: 60027
Ion Ratio Lower Upper
74 100
45 97.6 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.56 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

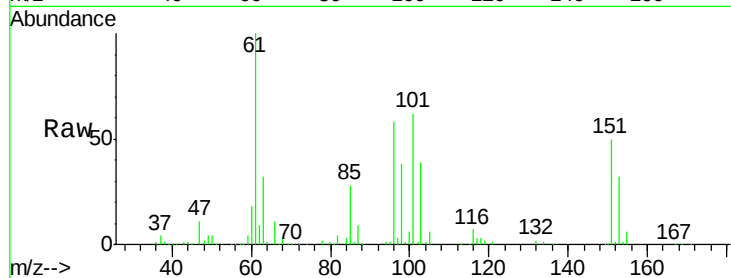
Tot Ion:101 Resp: 93821

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

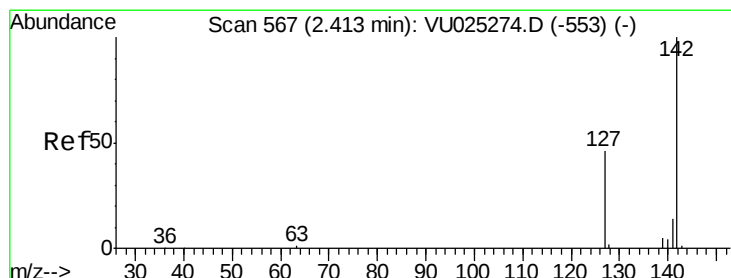
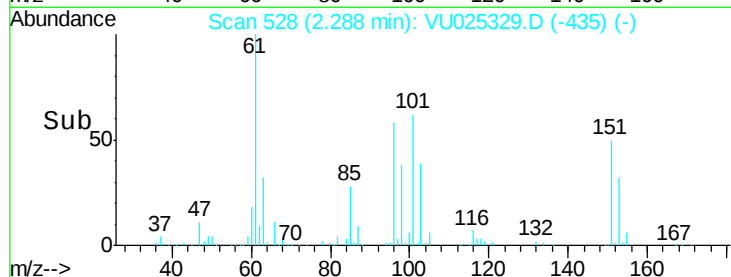
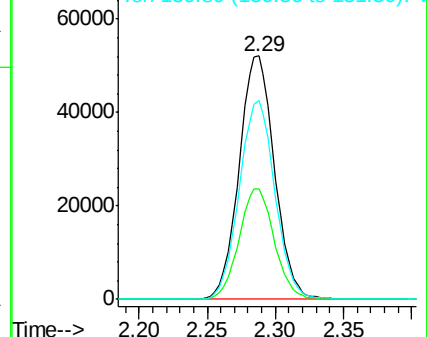
151 82.5 65.6 98.4



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: 50.32 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

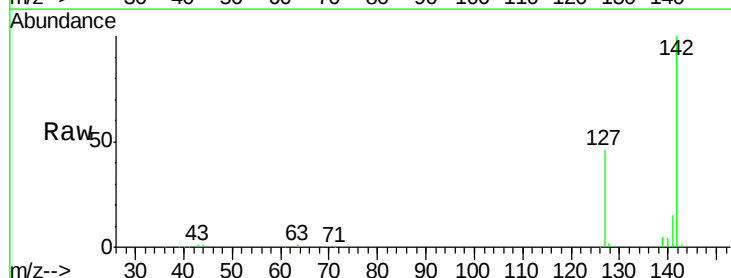
Tgt Ion:142 Resp: 106743

Ion Ratio Lower Upper

142 100

127 45.8 36.5 54.7

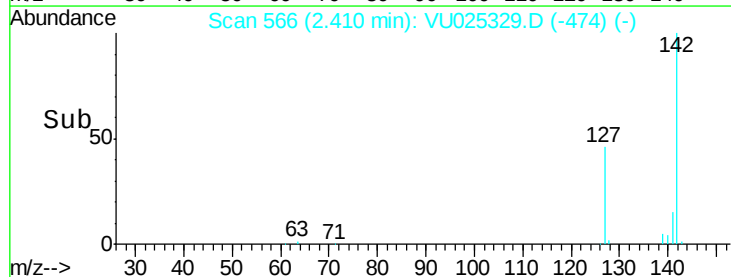
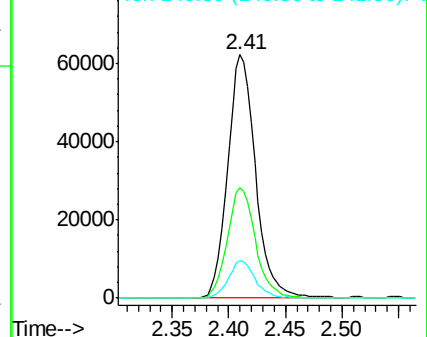
141 14.6 11.4 17.2

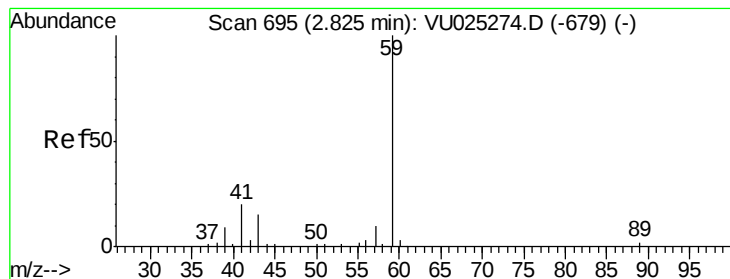


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



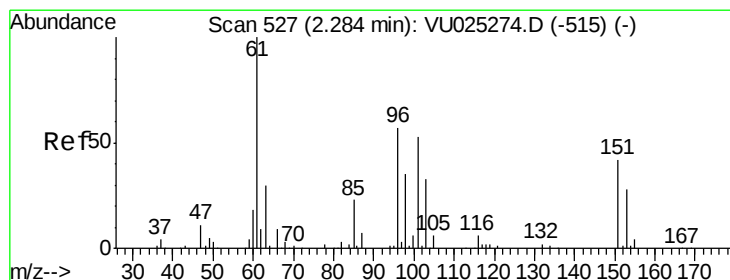
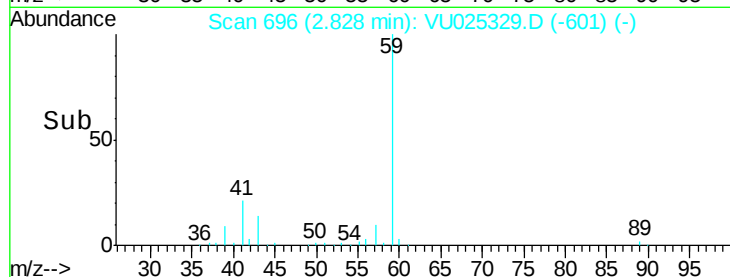
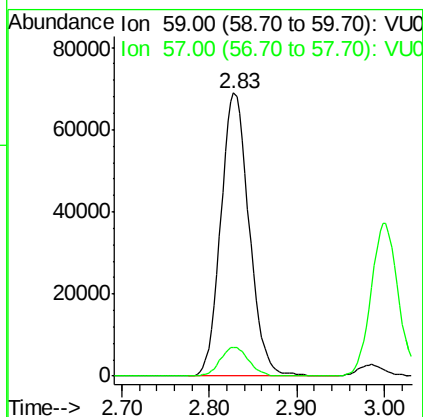
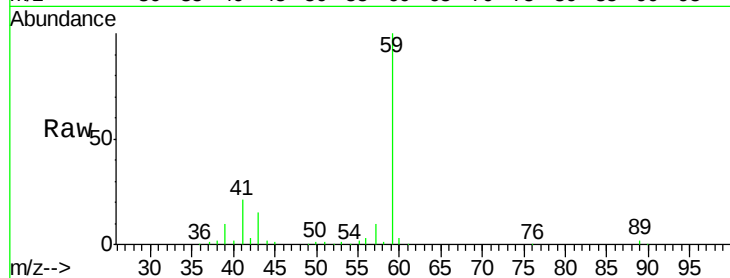


#11

Tert butyl alcohol
Concen: 267.93 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

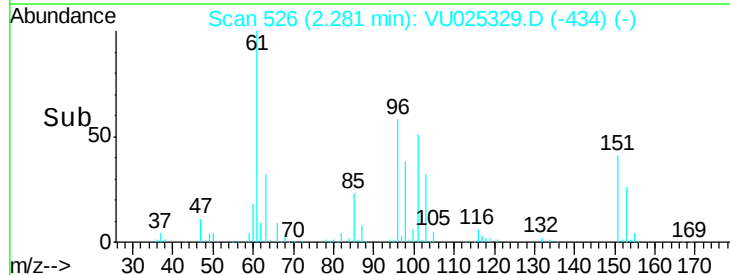
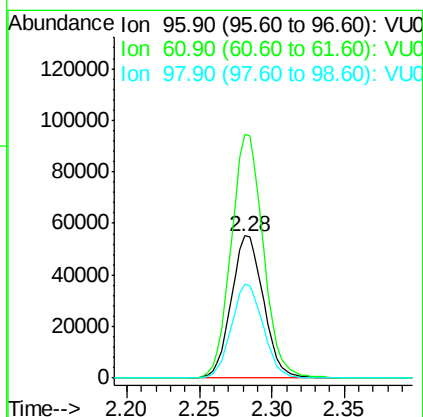
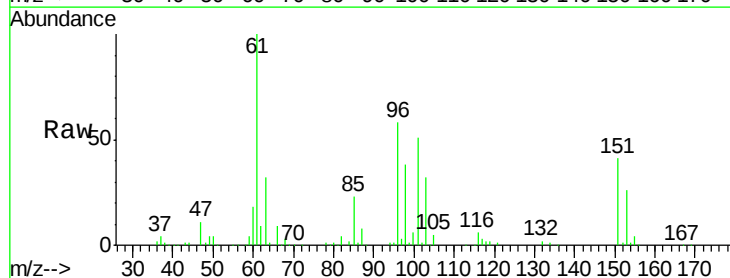
Tot Ion: 59 Resp: 155204
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

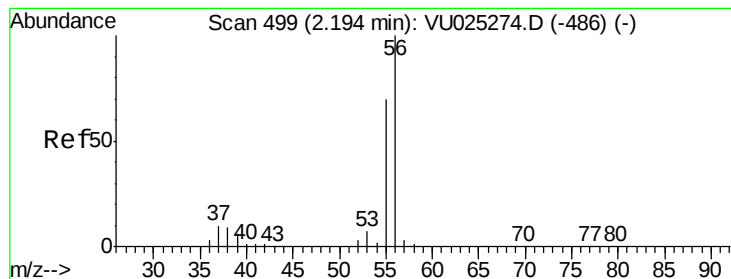


#12

1,1-Dichloroethene
Concen: 49.06 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 96 Resp: 84988
Ion Ratio Lower Upper
96 100
61 171.4 140.2 210.4
98 65.7 49.3 73.9





#13

Acrolein

Concen: 145.57 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

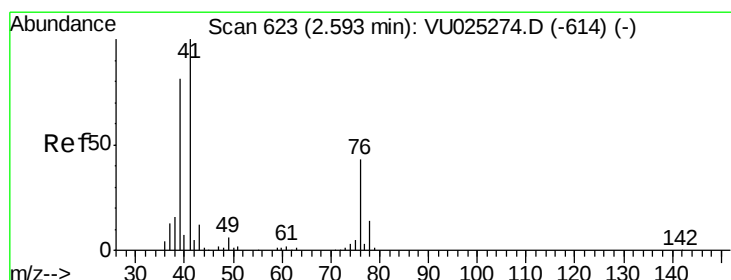
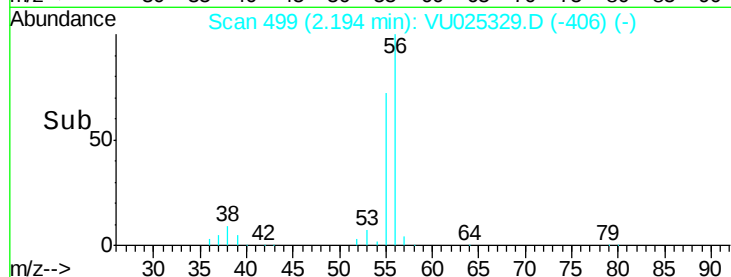
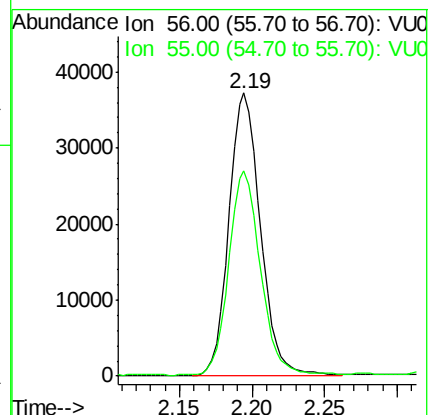
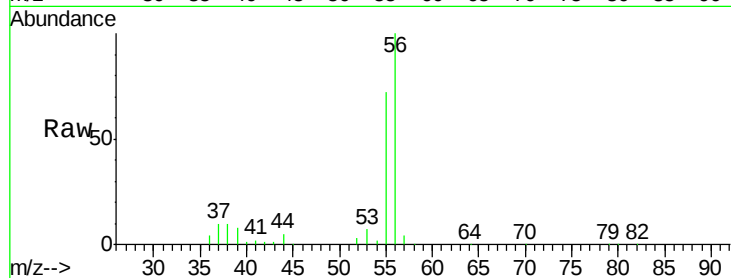
SS037MW036-180709MSD

Tot Ion: 56 Resp: 55783

Ion Ratio Lower Upper

56 100

55 72.8 57.2 85.8



#14

Allyl chloride

Concen: 46.67 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

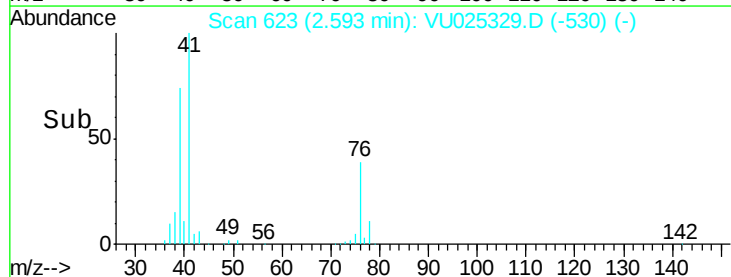
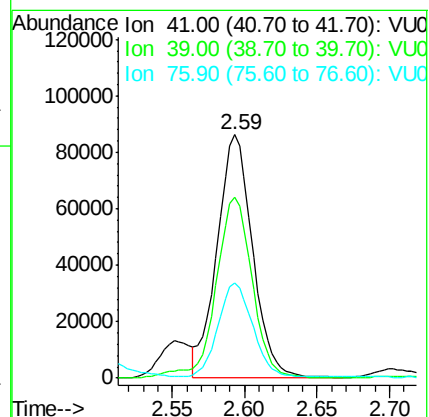
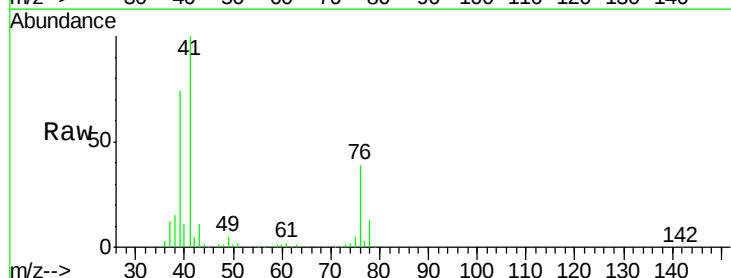
Tgt Ion: 41 Resp: 146632

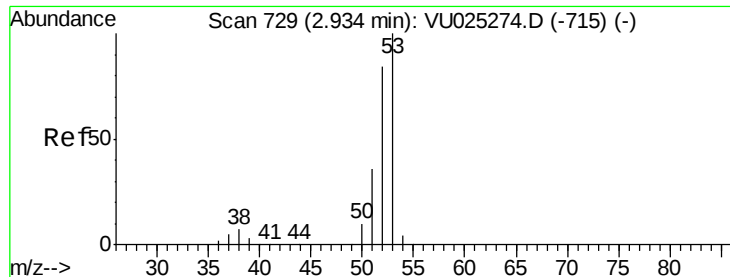
Ion Ratio Lower Upper

41 100

39 76.0 60.6 91.0

76 38.0 30.5 45.7





#15

Acrylonitrile

Concen: 271.35 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

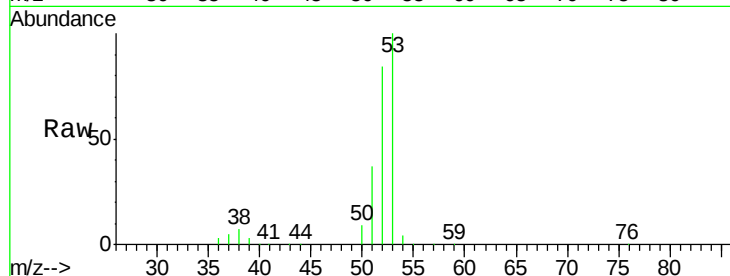
Tot Ion: 53 Resp: 323157

Ion Ratio Lower Upper

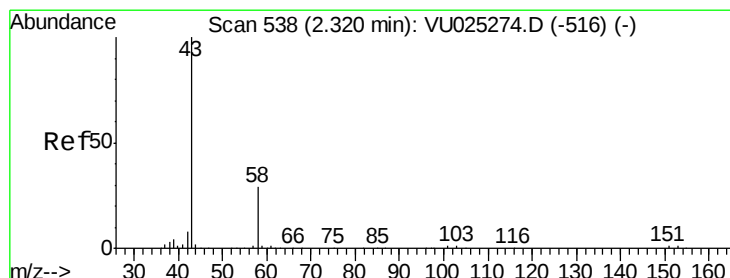
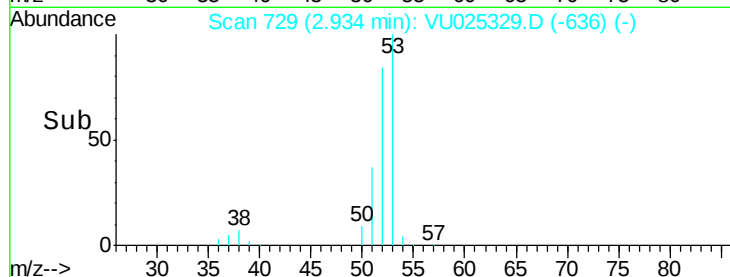
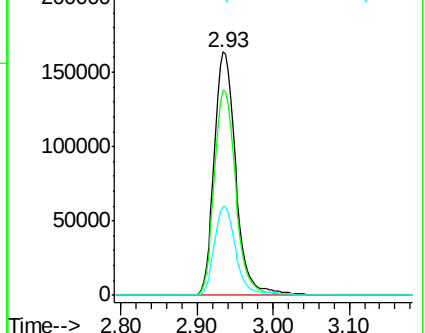
53 100

52 83.2 66.6 99.8

51 36.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 224.06 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025329.D

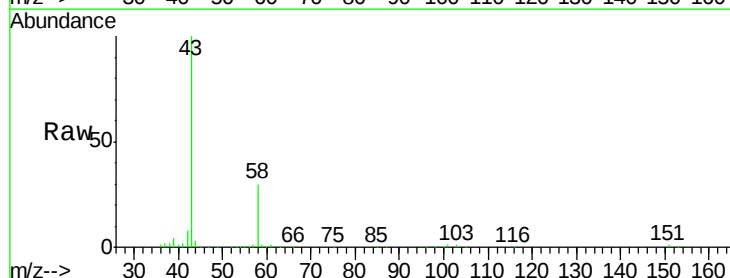
Acq: 11 Jul 2018 21:09

Tgt Ion: 43 Resp: 302903

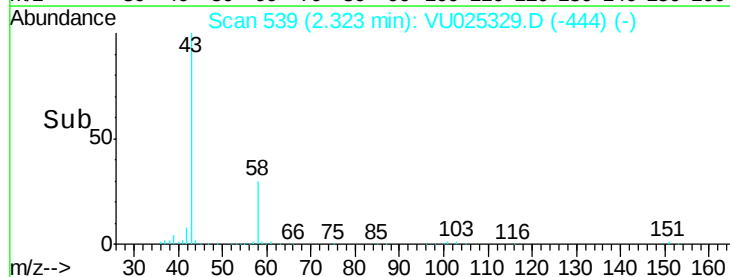
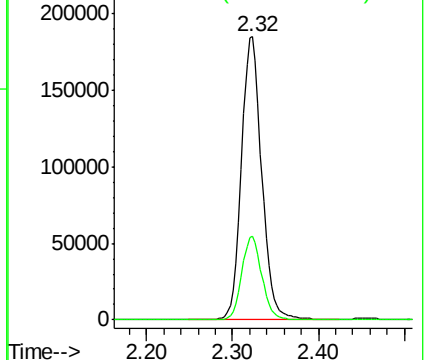
Ion Ratio Lower Upper

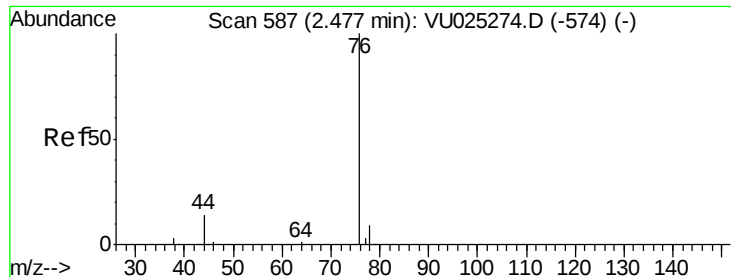
43 100

58 29.6 23.1 34.7



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

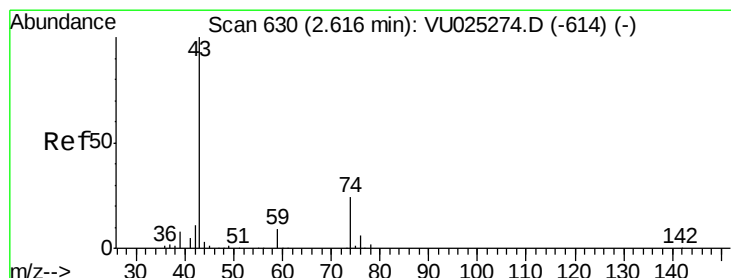
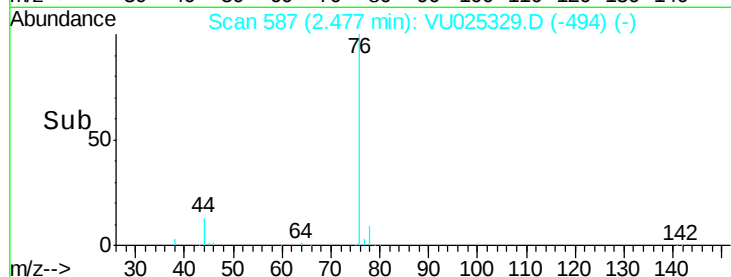
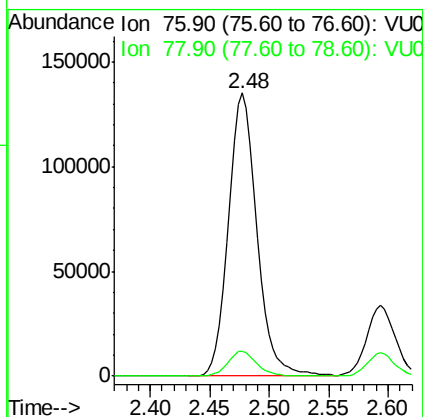
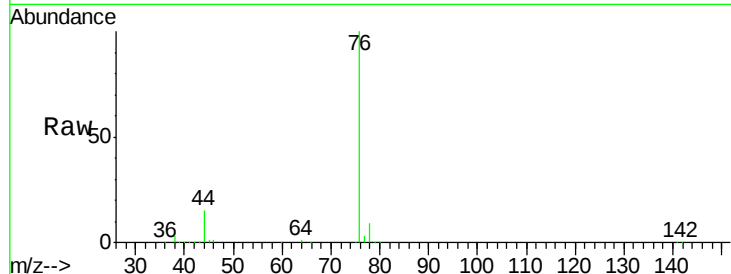




#17
Carbon Disulfide
Concen: 44.66 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

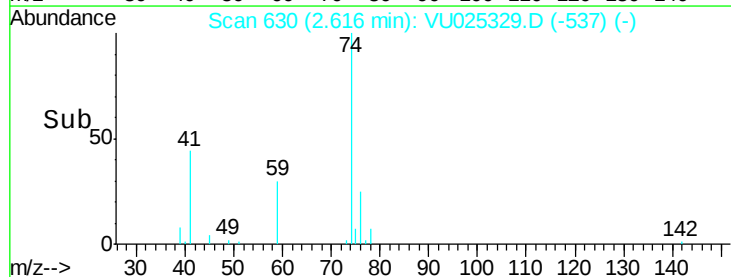
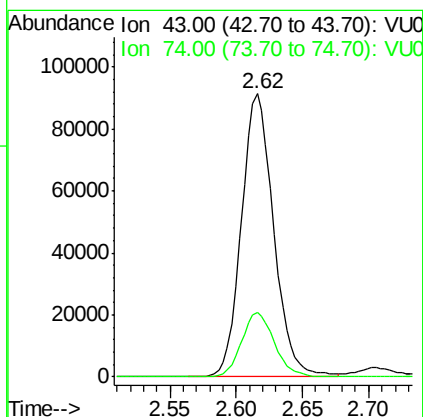
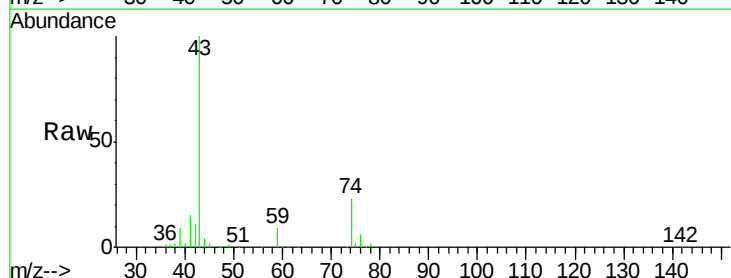
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

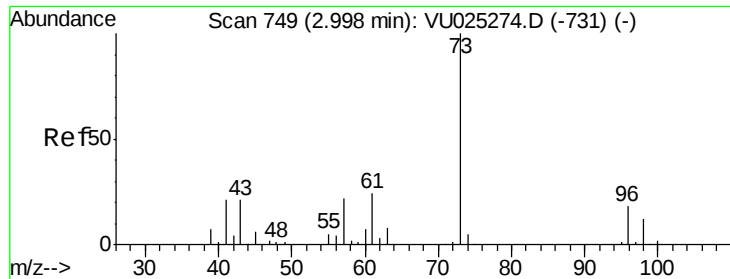
Tot Ion: 76 Resp: 225031
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 56.42 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 43 Resp: 153396
Ion Ratio Lower Upper
43 100
74 23.4 18.5 27.7

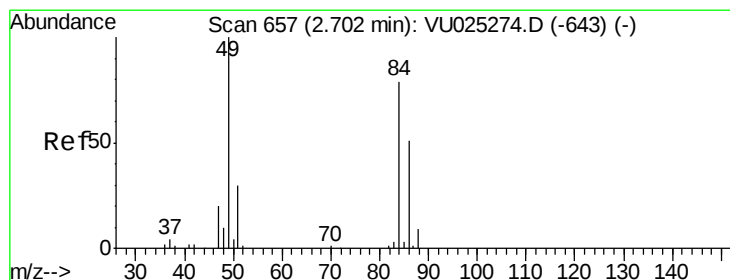
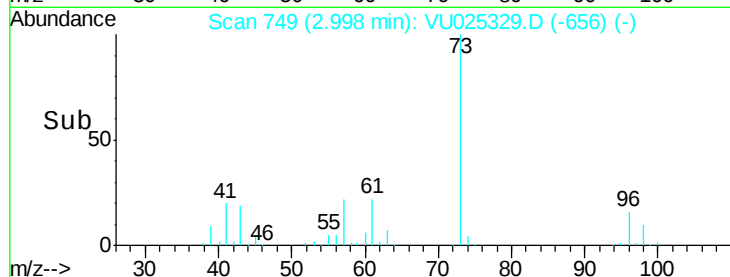
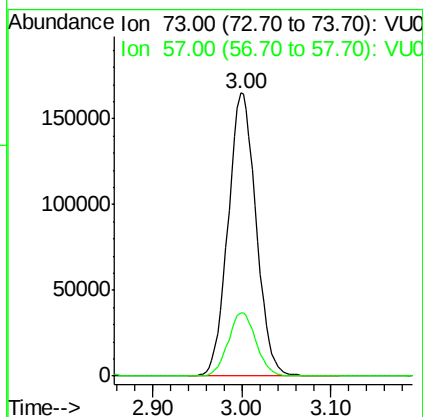
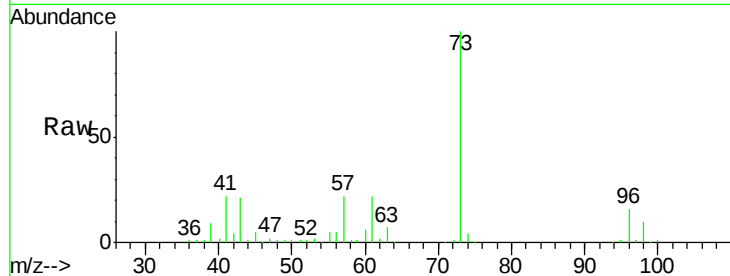




#19
Methyl tert-butyl Ether
Concen: 54.39 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

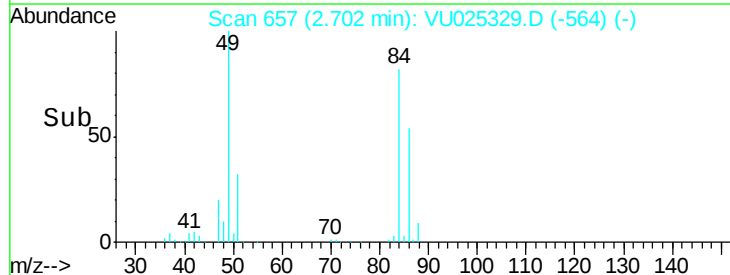
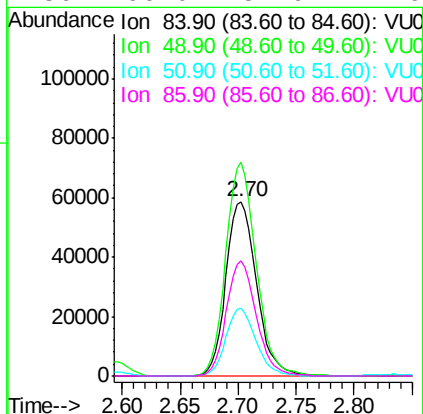
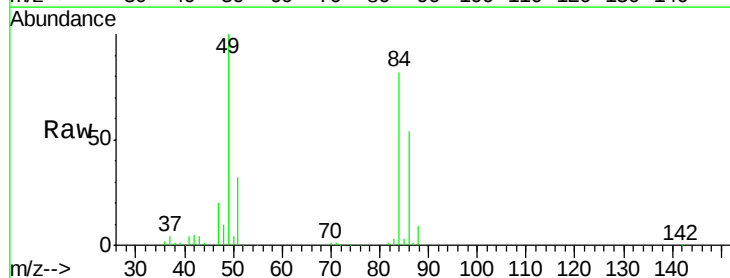
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

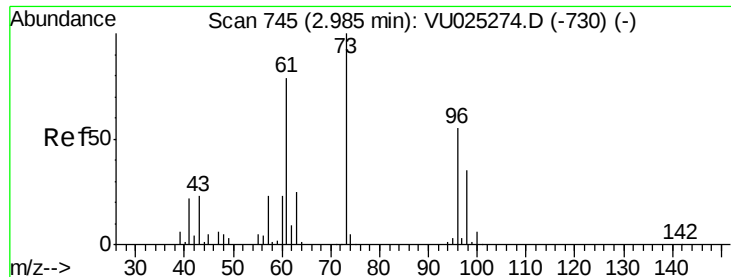
Tot Ion: 73 Resp: 358390
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2



#20
Methylene Chloride
Concen: 52.39 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 84 Resp: 107700
Ion Ratio Lower Upper
84 100
49 122.6 101.8 152.6
51 39.1 30.8 46.2
86 66.0 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 49.68 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

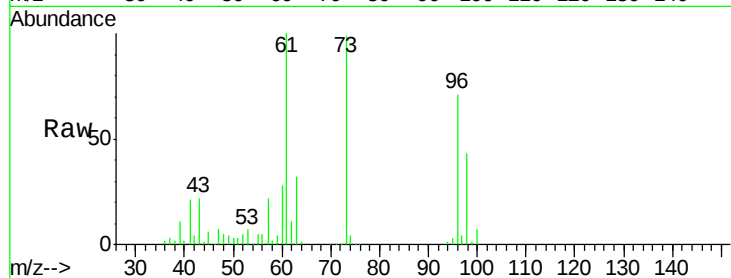
Tot Ion: 96 Resp: 98361

Ion Ratio Lower Upper

96 100

61 140.8 114.5 171.7

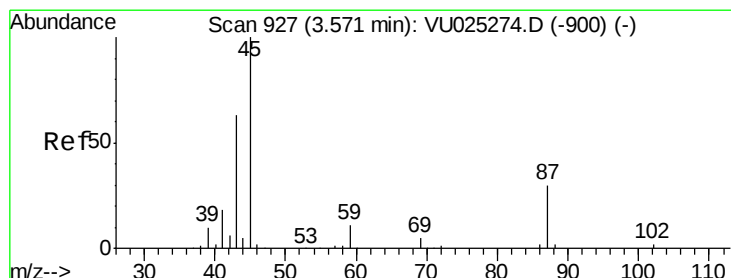
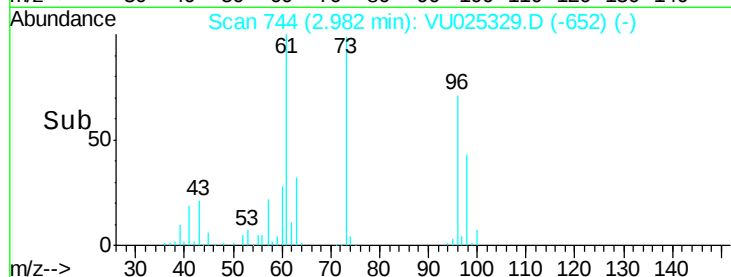
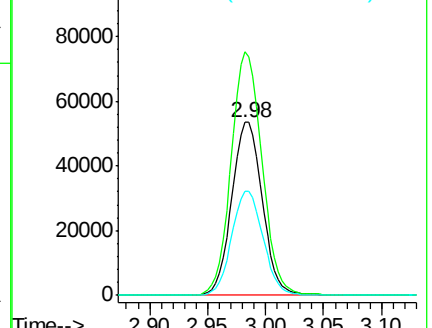
98 60.1 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025274.D (-730) (-)

Ion 60.90 (60.60 to 61.60): VU025274.D (-730) (-)

Ion 97.90 (97.60 to 98.60): VU025274.D (-730) (-)



#22

Diisopropyl ether

Concen: 53.44 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Tgt Ion: 45 Resp: 342920

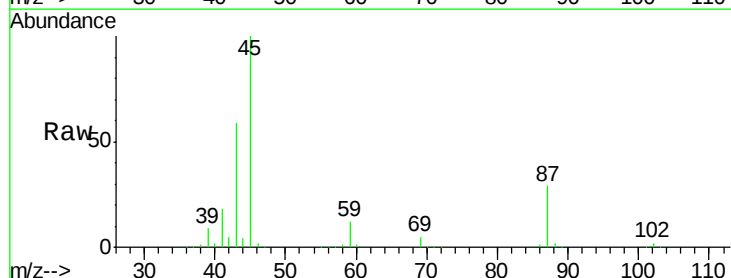
Ion Ratio Lower Upper

45 100

43 58.2 50.9 76.3

87 28.6 23.8 35.8

59 11.8 9.0 13.4

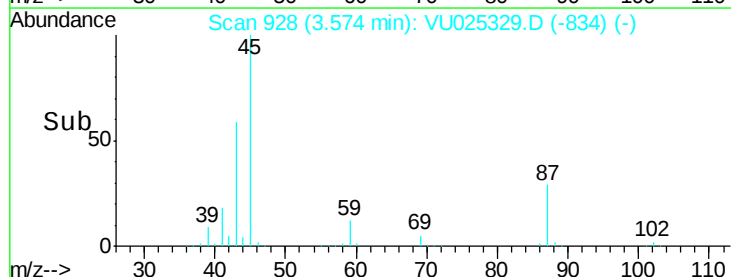
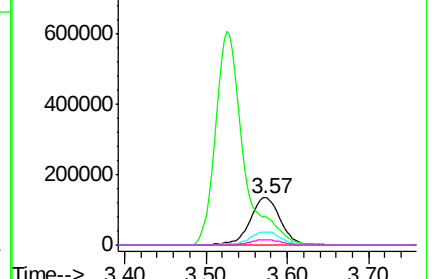


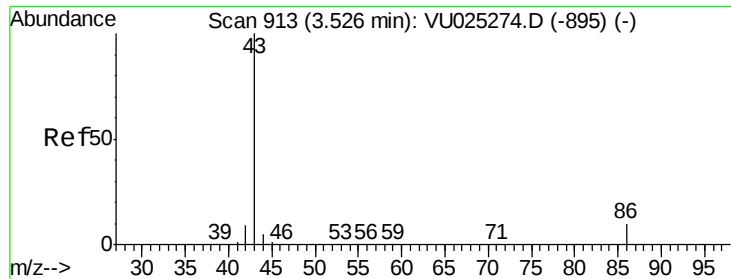
Abundance Ion 45.00 (44.70 to 45.70): VU025274.D (-900) (-)

Ion 43.00 (42.70 to 43.70): VU025274.D (-900) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-900) (-)

Ion 59.00 (58.70 to 59.70): VU025274.D (-900) (-)





#23

Vinyl Acetate

Concen: 259.62 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

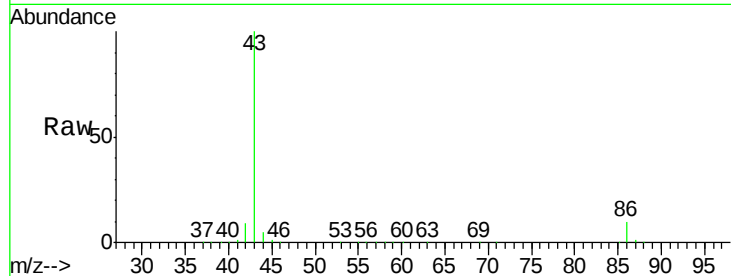
SS037MW036-180709MSD

Tot Ion: 43 Resp: 1461351

Ion Ratio Lower Upper

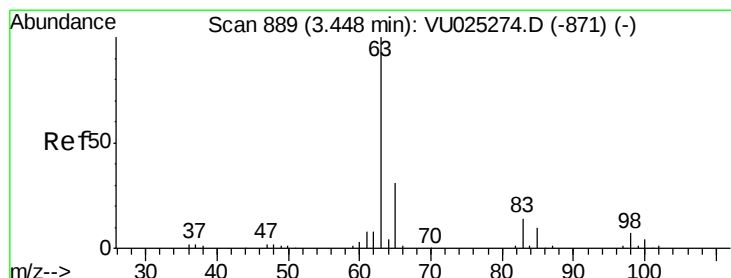
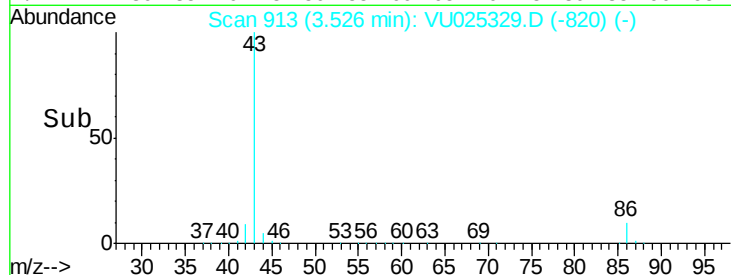
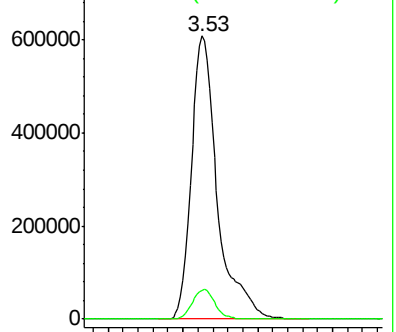
43 100

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: 53.69 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

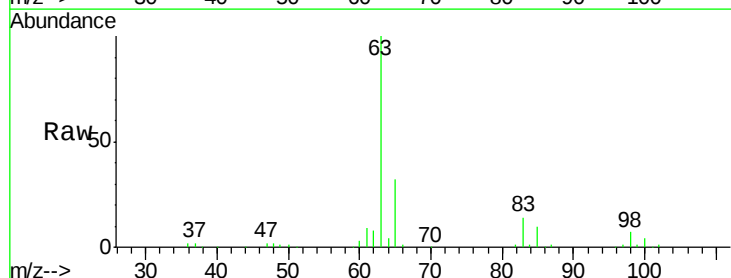
Tgt Ion: 63 Resp: 194292

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

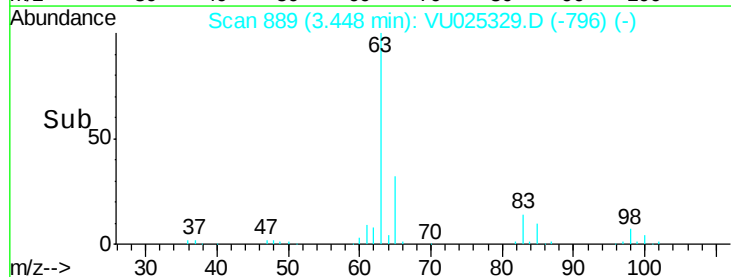
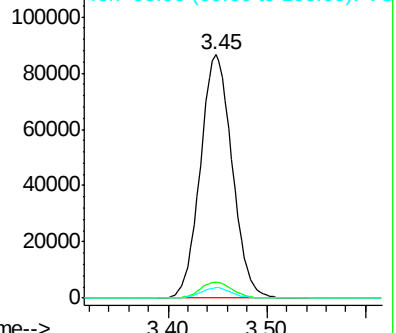
100 4.3 2.0 6.0

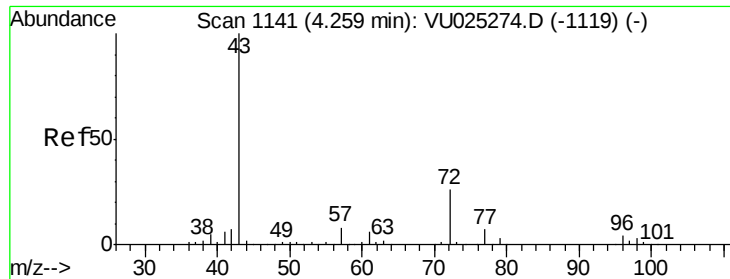


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

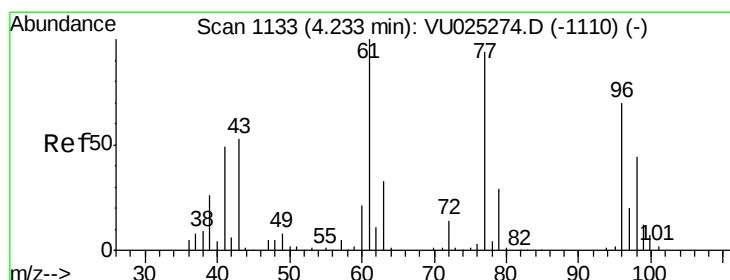
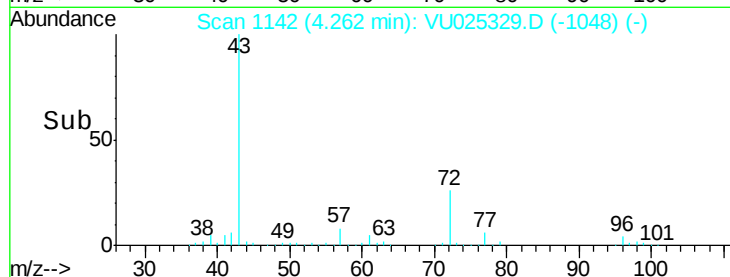
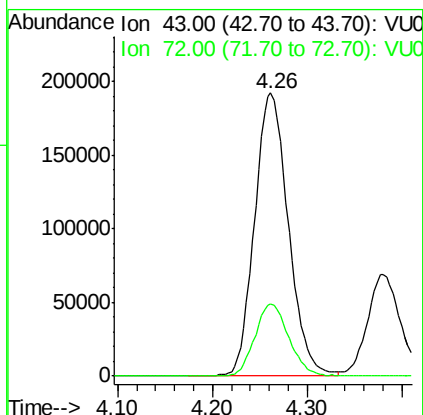
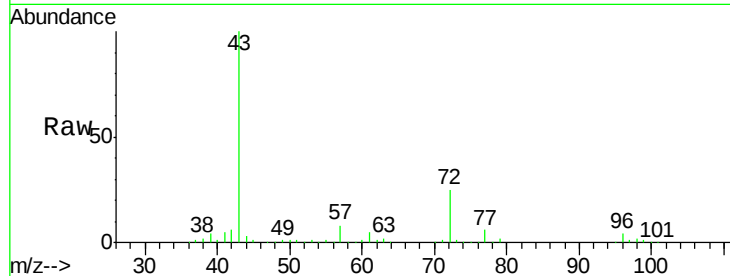




#25
2-Butanone
Concen: 258.17 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

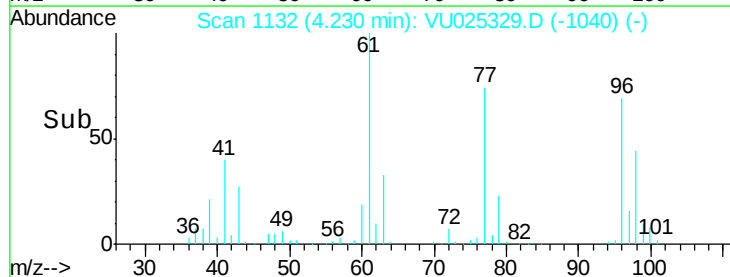
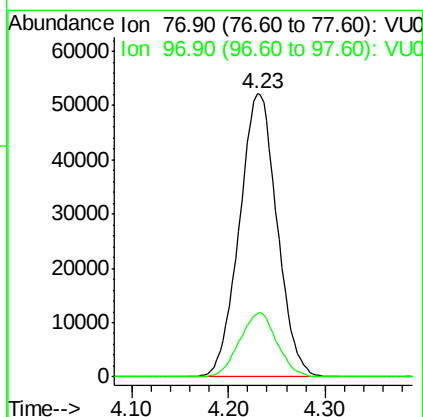
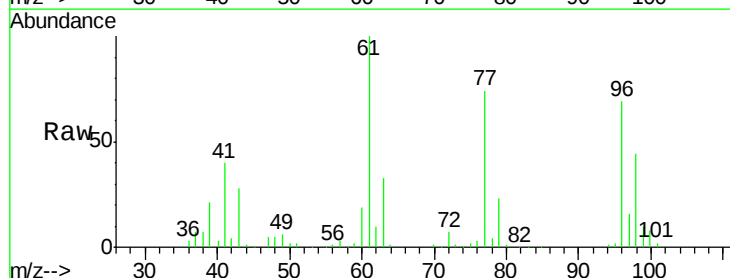
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

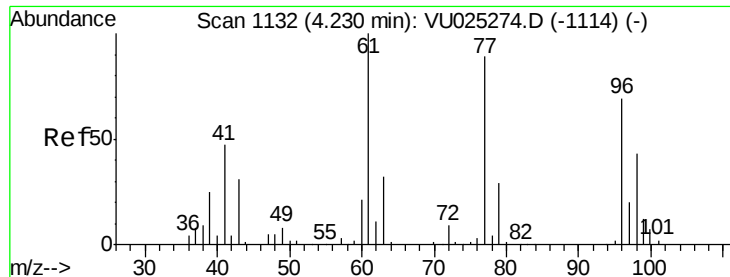
Tot Ion: 43 Resp: 475155
Ion Ratio Lower Upper
43 100
72 25.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 40.53 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 77 Resp: 141012
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 51.83 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

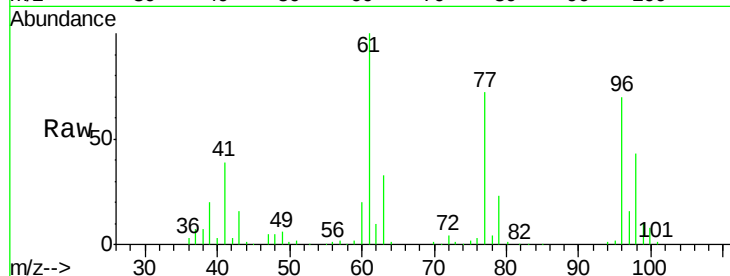
Tot Ion: 96 Resp: 118738

Ion Ratio Lower Upper

96 100

61 146.2 0.0 299.8

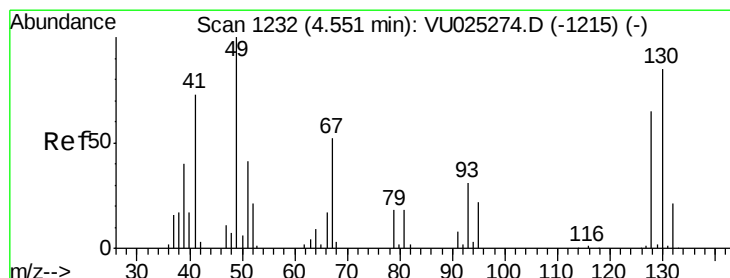
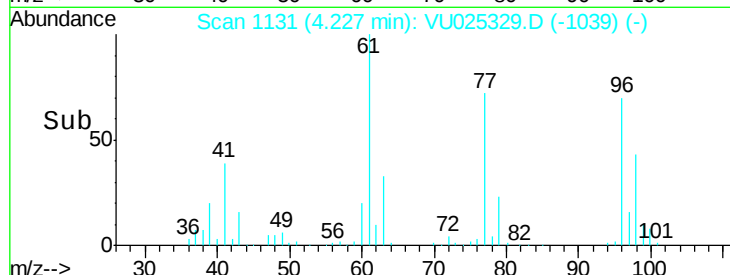
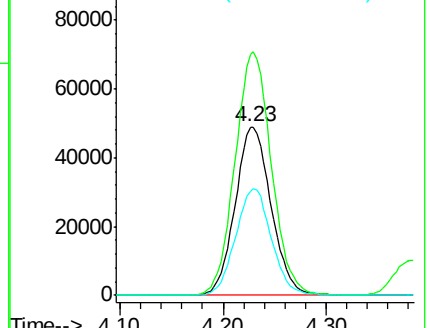
98 63.2 0.0 128.6



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: 51.91 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

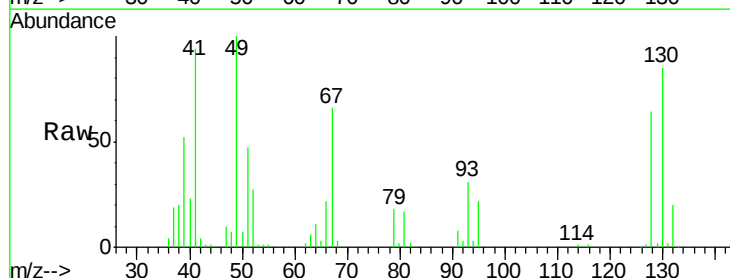
Tgt Ion: 49 Resp: 90701

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

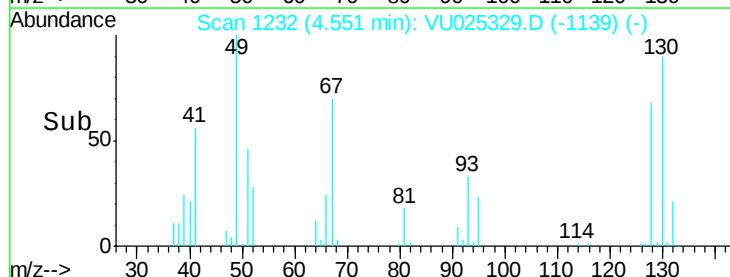
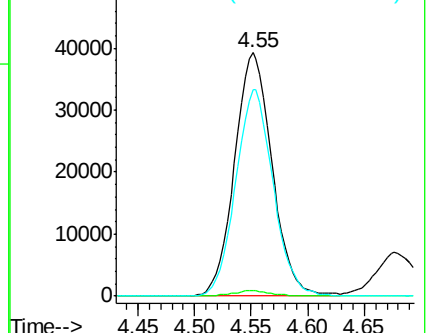
130 84.7 68.6 102.8

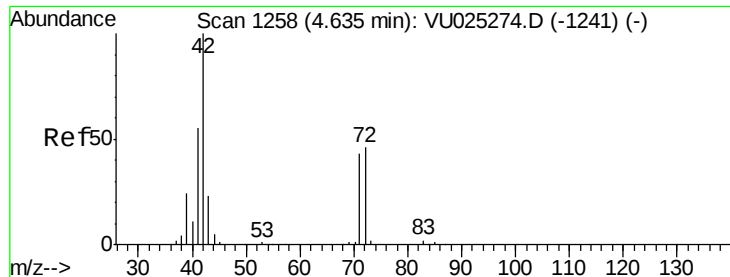


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

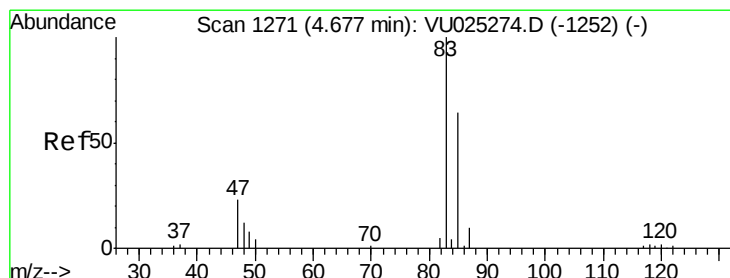
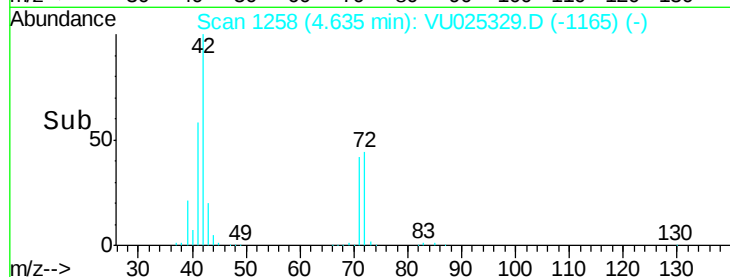
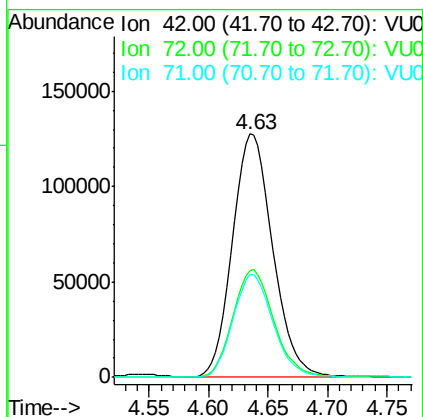
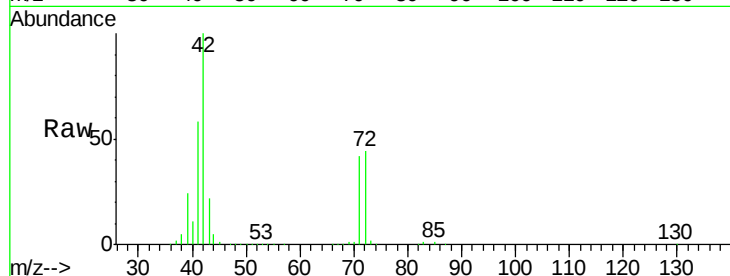




#29
Tetrahydrofuran
Concen: 270.37 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

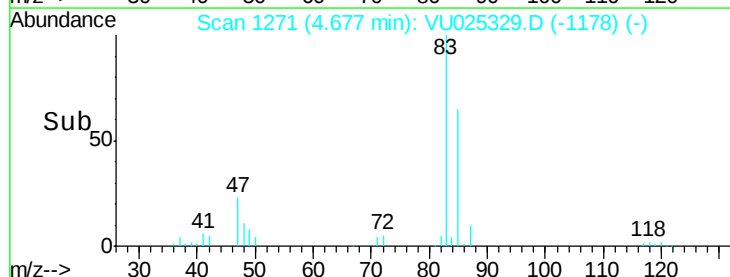
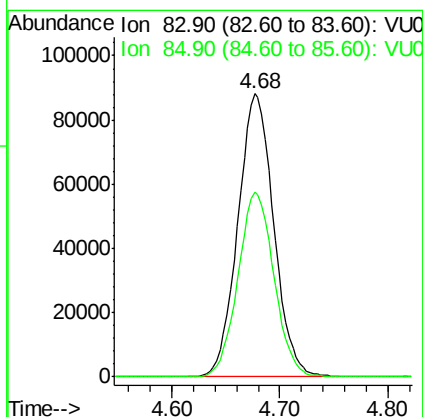
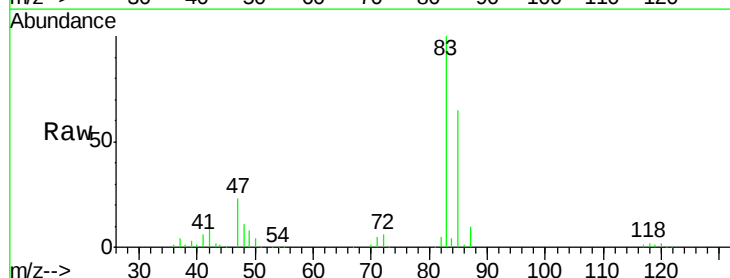
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

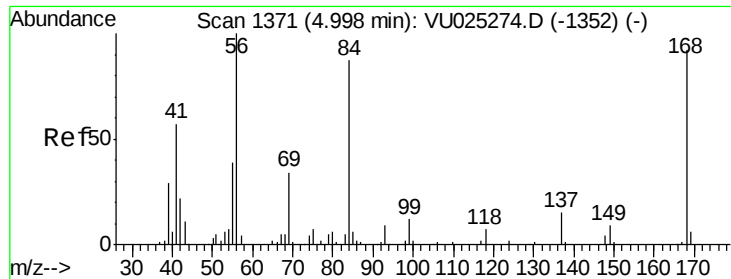
Tot Ion: 42 Resp: 298471
Ion Ratio Lower Upper
42 100
72 45.3 36.7 55.1
71 42.2 33.9 50.9



#30
Chloroform
Concen: 53.18 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 83 Resp: 203787
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3

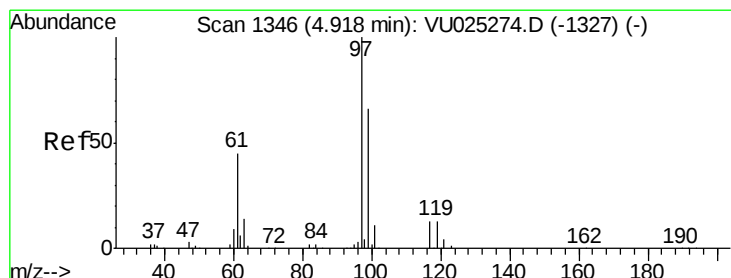
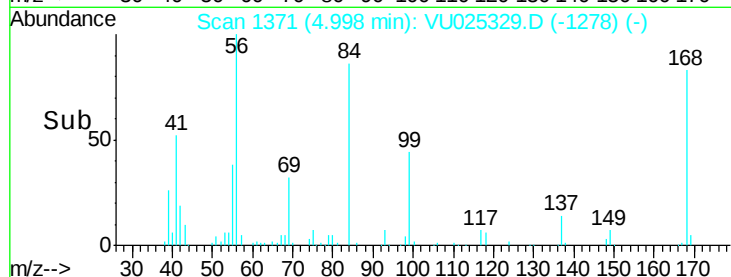
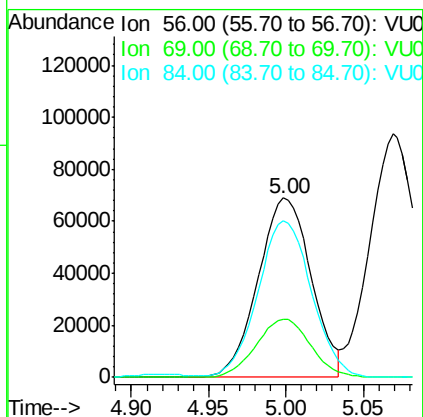
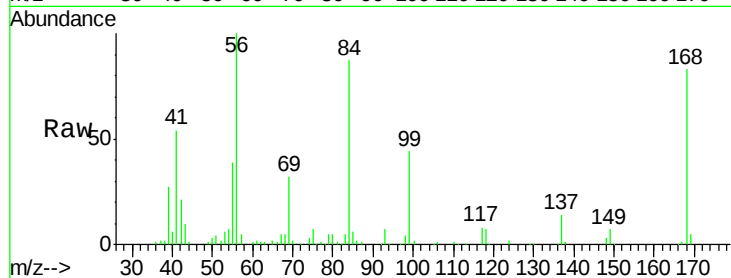




#31
Cyclohexane
Concen: 49.23 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

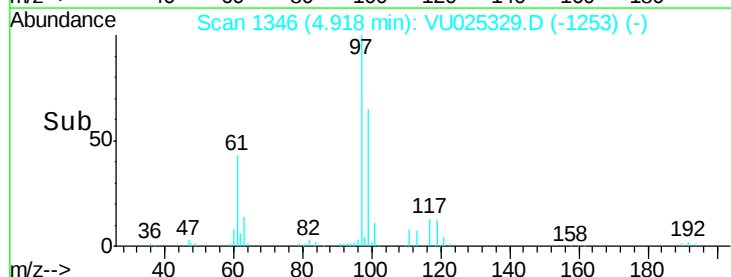
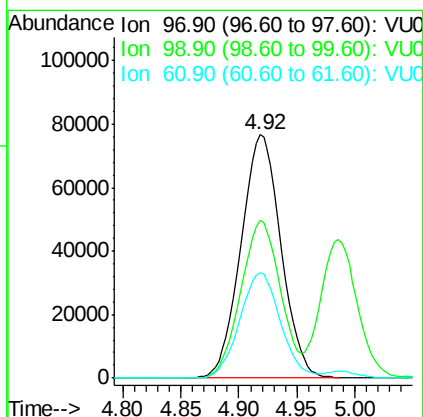
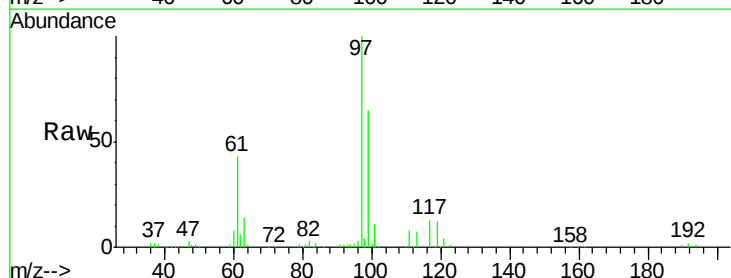
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

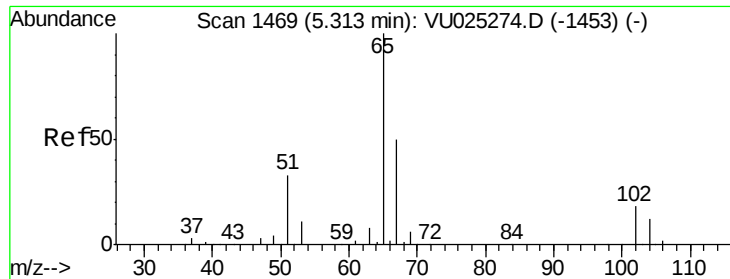
Tot Ion: 56 Resp: 165073
Ion Ratio Lower Upper
56 100
69 32.5 26.8 40.2
84 86.3 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 53.10 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 97 Resp: 184419
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.9 35.2 52.8

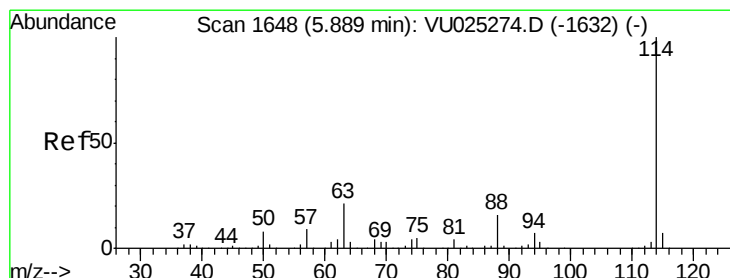
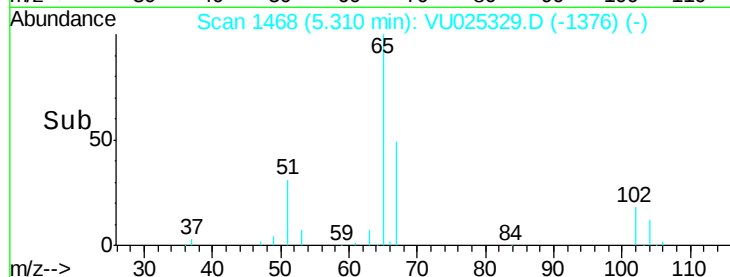
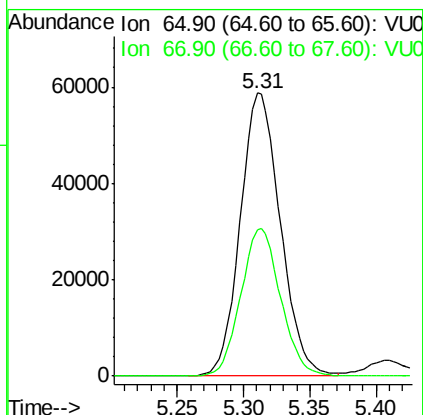
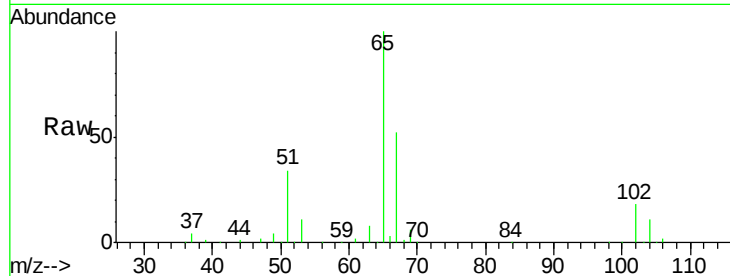




#33
 1,2-Dichloroethane-d4
 Concen: 46.46 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

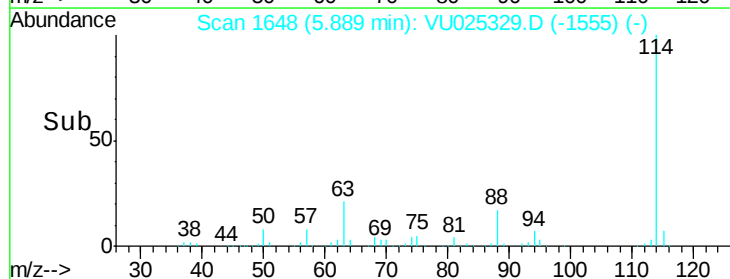
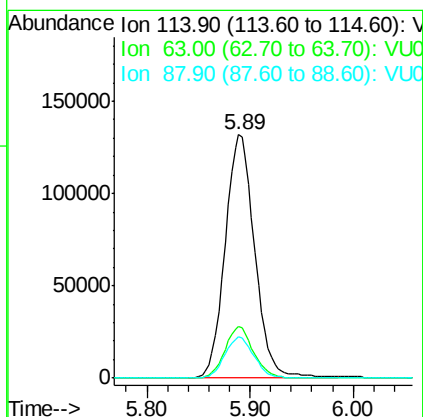
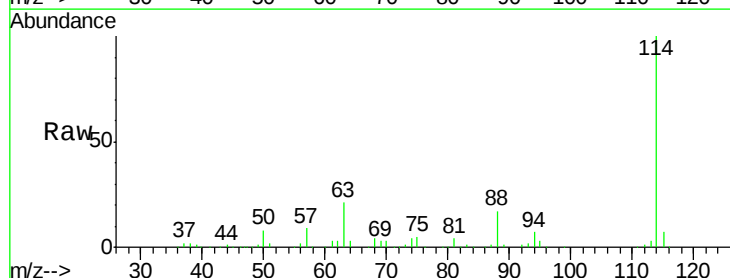
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

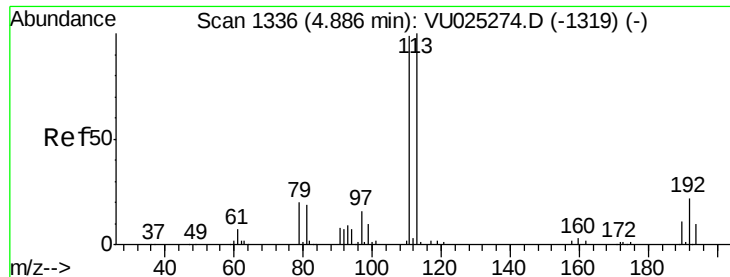
Tot Ion: 65 Resp: 123374
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Tgt Ion: 114 Resp: 264253
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.6
 88 16.8 0.0 32.4

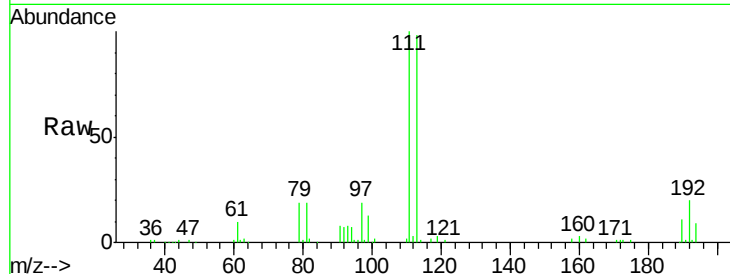




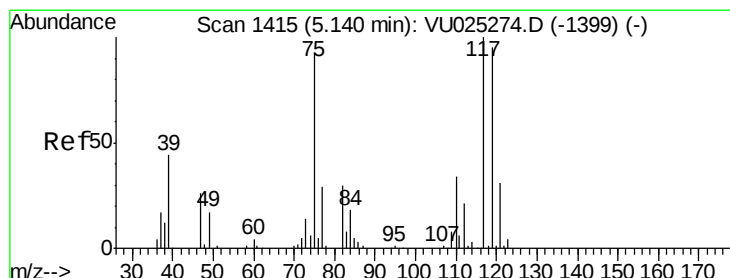
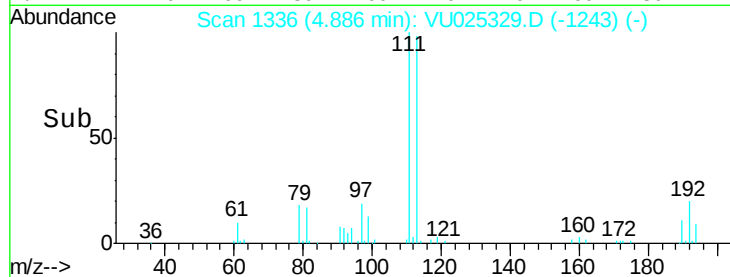
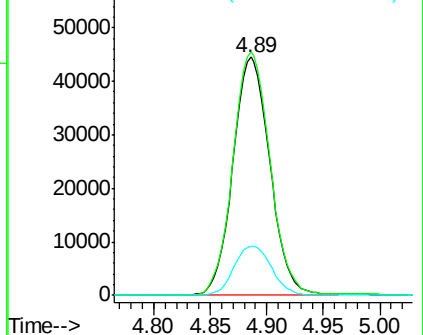
#35
 Dibromofluoromethane
 Concen: 45.47 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.7	122.5
192	20.9	17.1	25.7

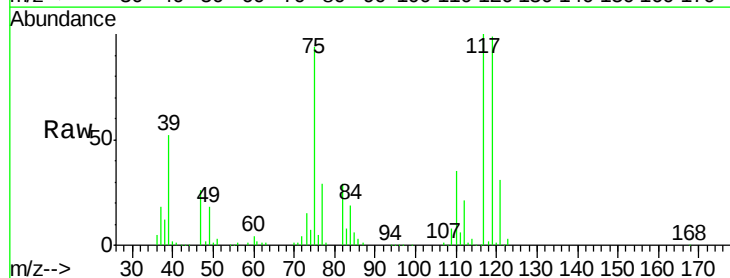


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

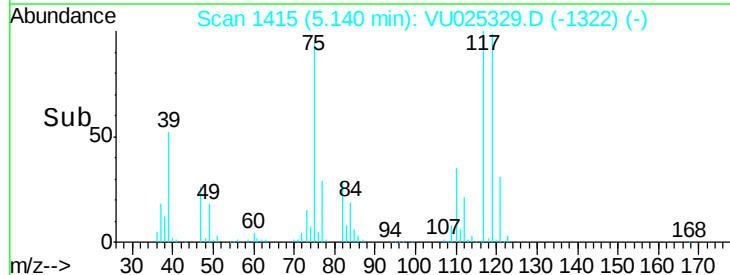
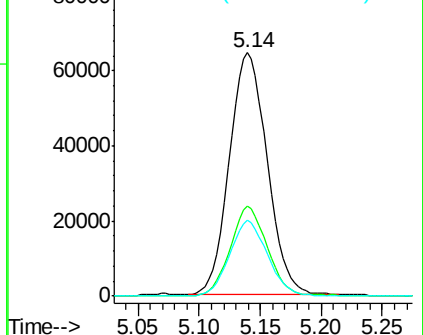


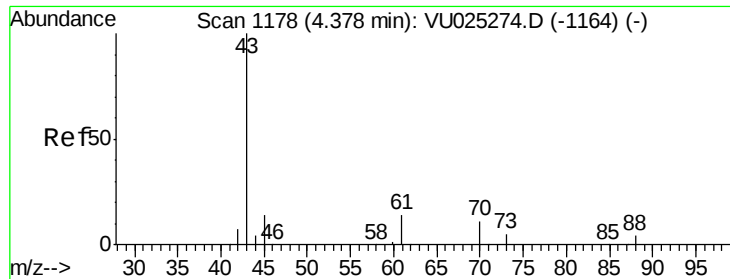
#36
 1,1-Dichloropropene
 Concen: 47.35 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.6	52.9
77	30.4	24.4	36.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

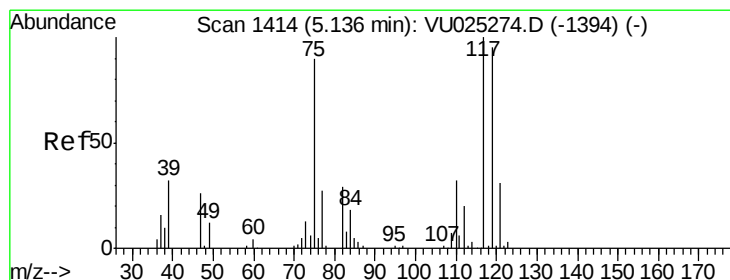
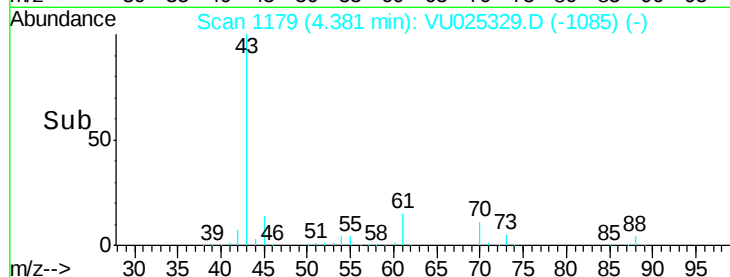
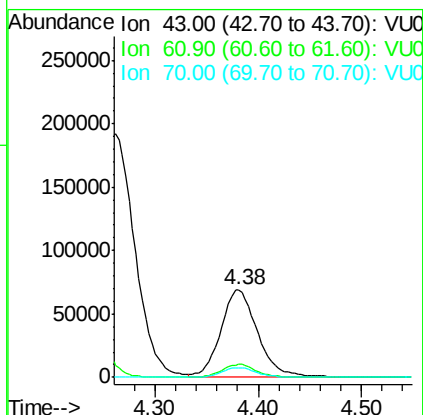
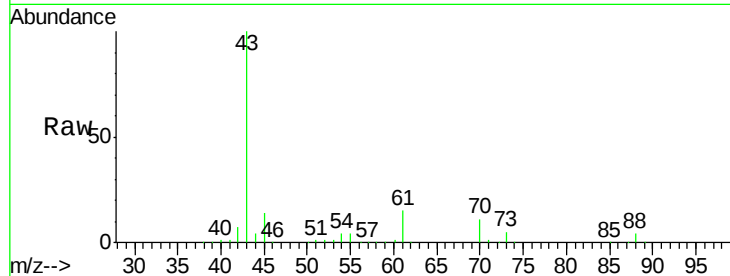




#37
Ethyl Acetate
Concen: 51.28 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

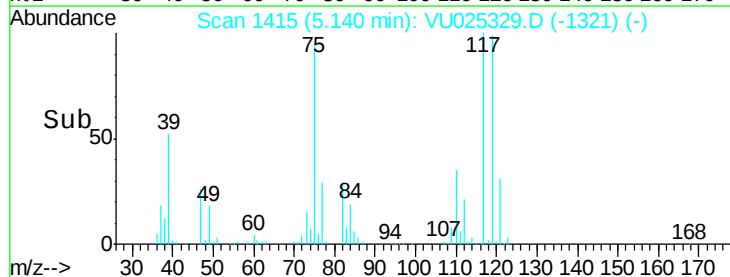
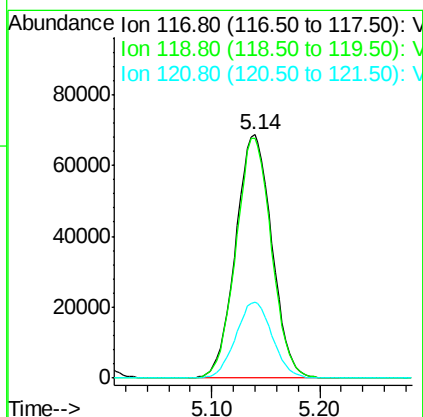
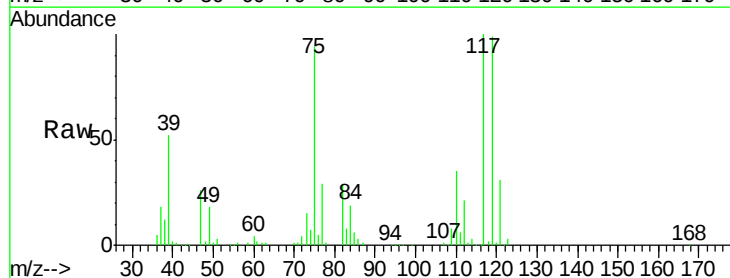
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

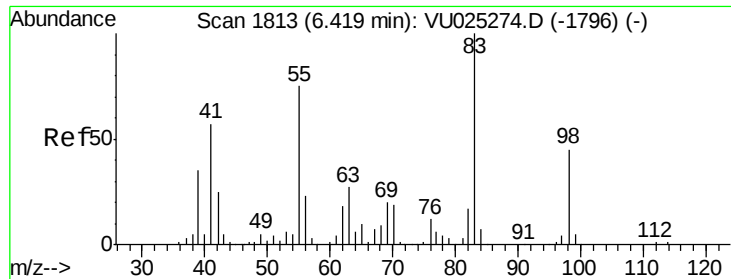
Tot Ion: 43 Resp: 168012
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.77 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 117 Resp: 160539
Ion Ratio Lower Upper
117 100
119 98.7 75.7 113.5
121 31.3 24.6 36.8

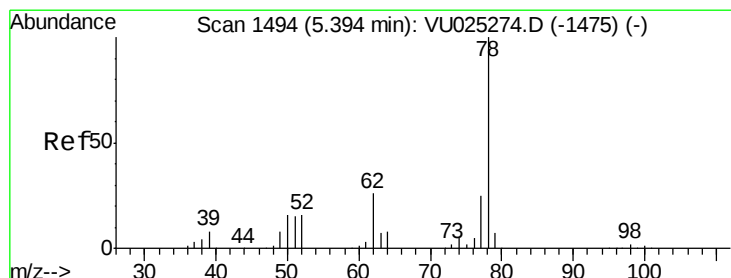
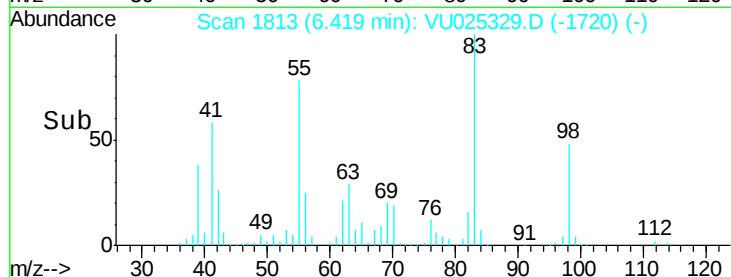
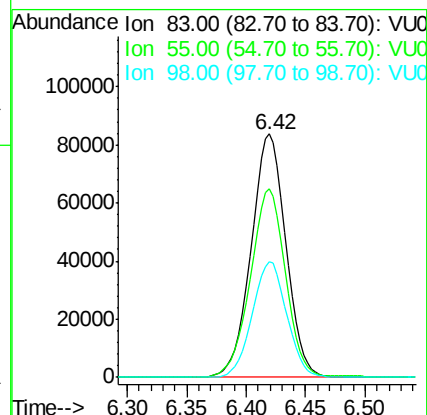
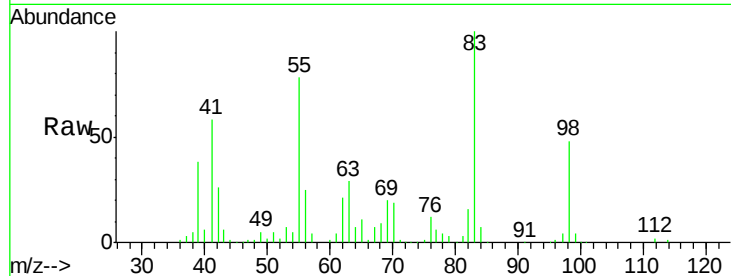




#39
Methylvlcvclohexane
Concen: 46.17 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

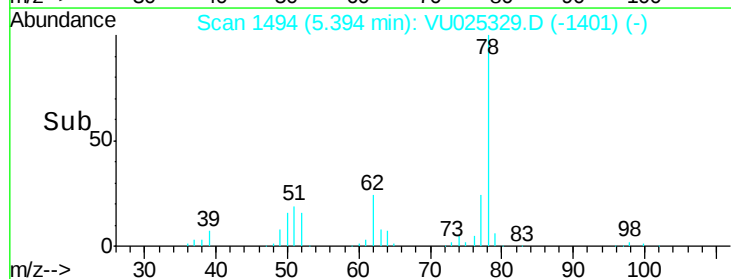
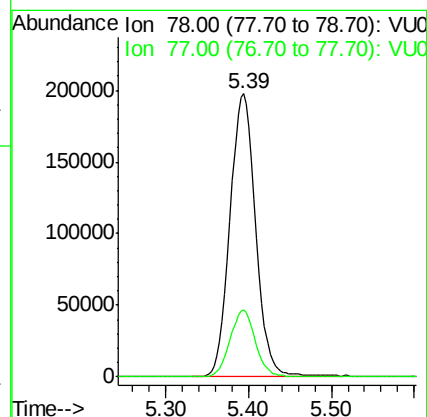
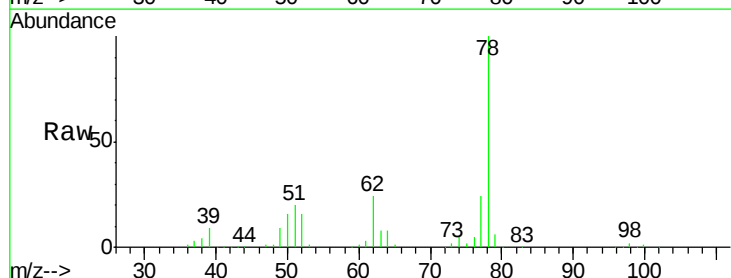
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

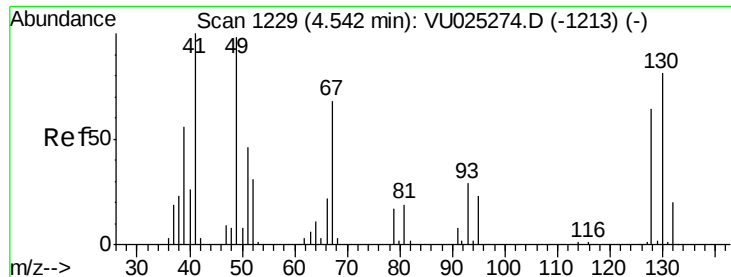
Tot Ion: 83 Resp: 169189
Ion Ratio Lower Upper
83 100
55 77.6 60.0 90.0
98 47.7 36.1 54.1



#40
Benzene
Concen: 50.46 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 78 Resp: 427165
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.6

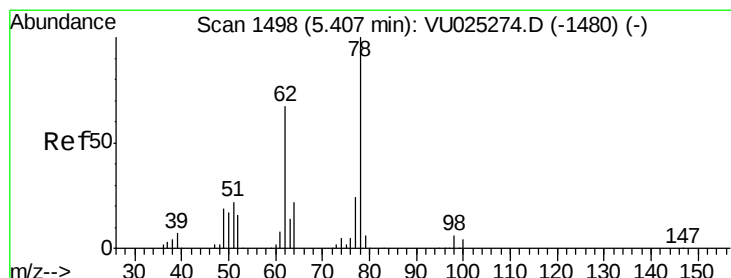
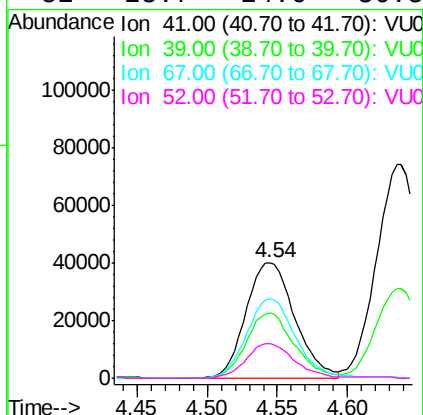
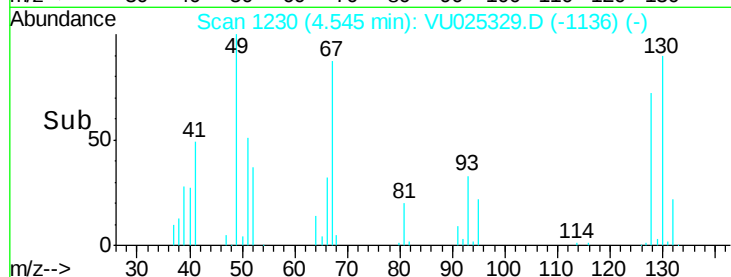
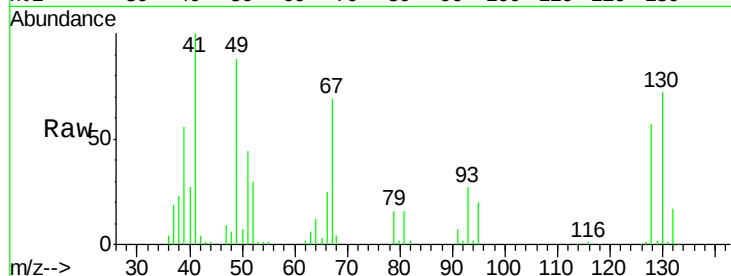




#41
Methacrylonitrile
Concen: 53.52 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

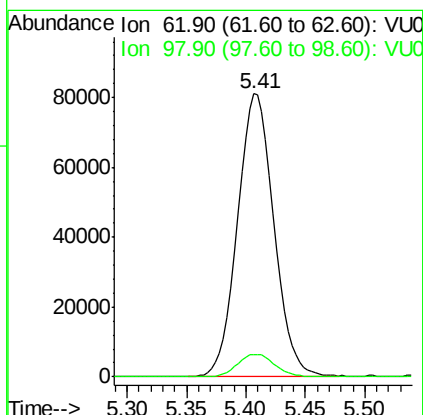
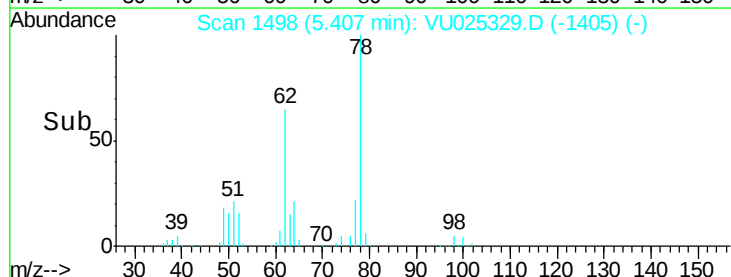
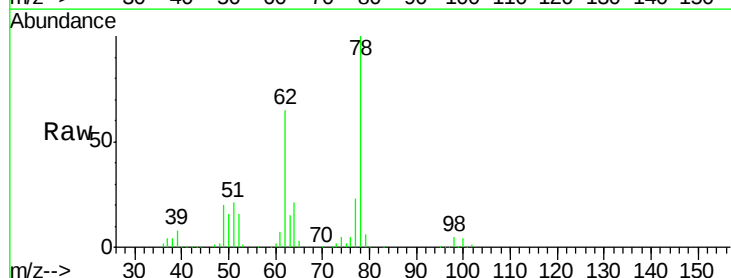
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

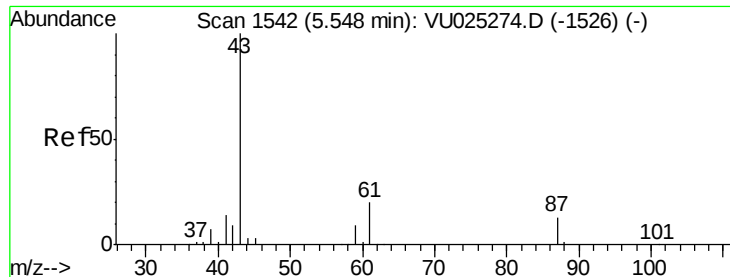
Tot Ion: 41 Resp: 97228
Ion Ratio Lower Upper
41 100
39 54.6 44.4 66.6
67 69.0 56.0 84.0
52 28.7 24.6 36.8



#42
1,2-Dichloroethane
Concen: 51.16 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 62 Resp: 172170
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.4





#43

Isopropyl Acetate

Concen: 53.42 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

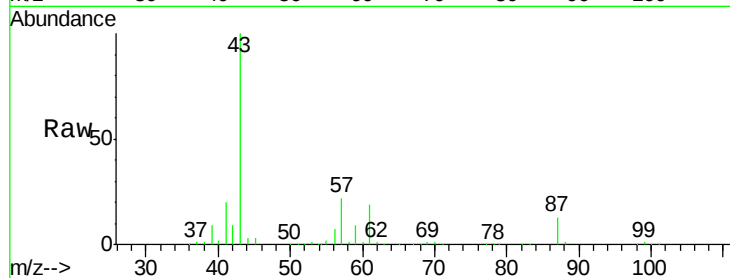
Tot Ion: 43 Resp: 280256

Ion Ratio Lower Upper

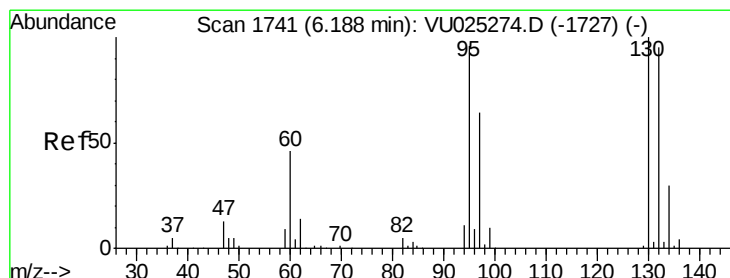
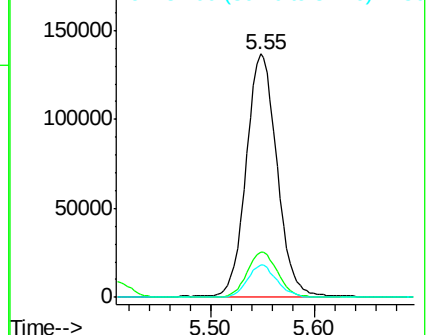
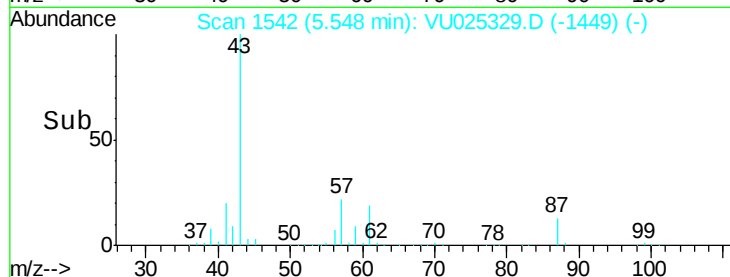
43 100

61 19.0 15.5 23.3

87 12.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025329.D (-1449) (-)



#44

Trichloroethene

Concen: 47.92 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025329.D

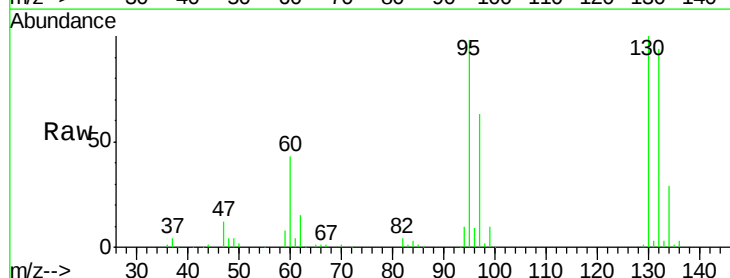
Acq: 11 Jul 2018 21:09

Tgt Ion:130 Resp: 116486

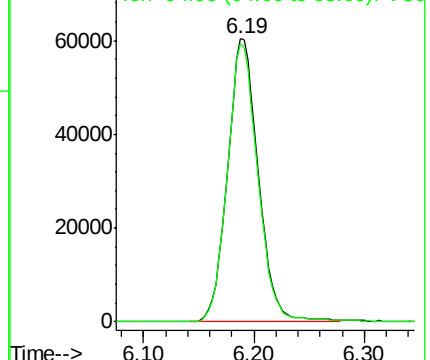
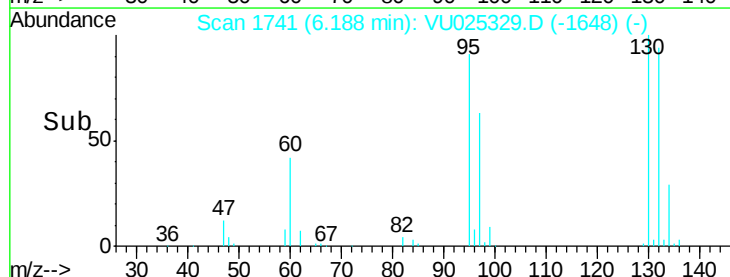
Ion Ratio Lower Upper

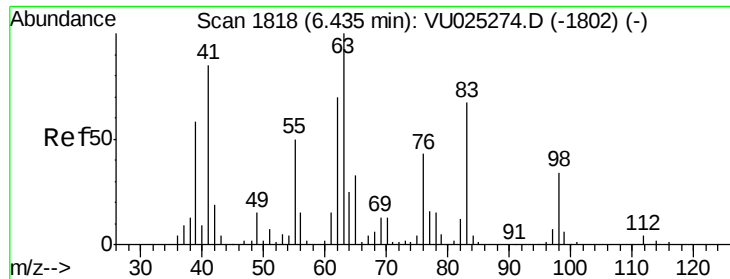
130 100

95 98.5 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025329.D (-1648) (-)





#45

1,2-Dichloropropane

Concen: 51.13 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

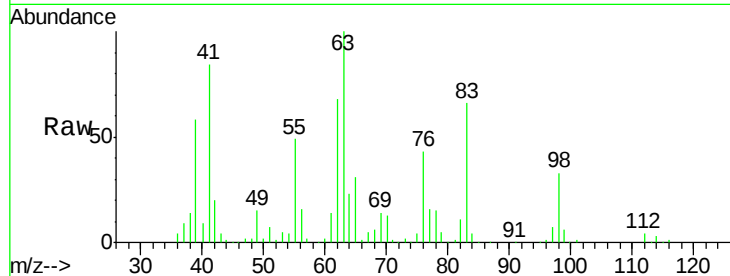
SS037MW036-180709MSD

Tot Ion: 63 Resp: 113368

Ion Ratio Lower Upper

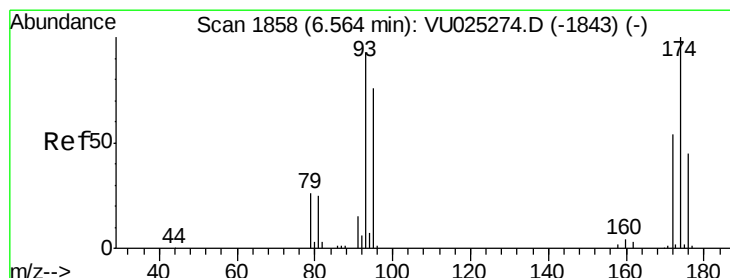
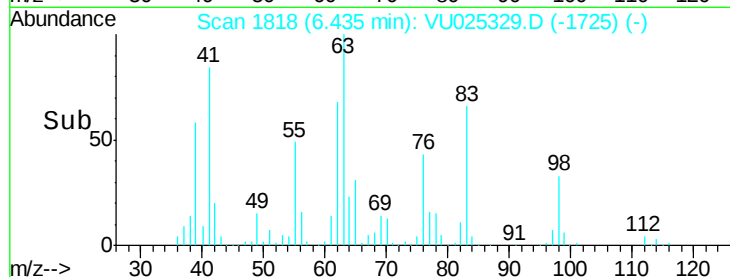
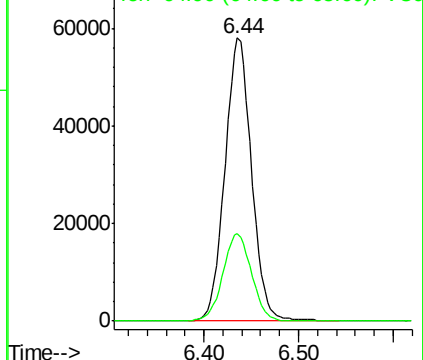
63 100

65 30.9 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: 50.85 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

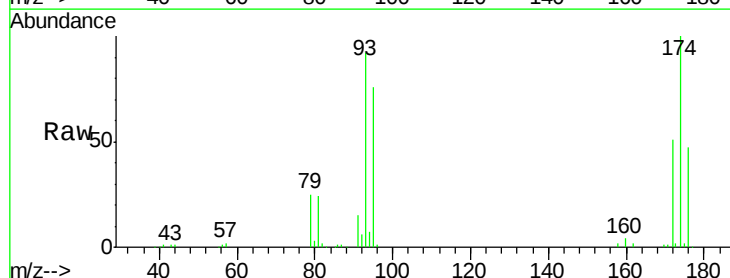
Tgt Ion: 93 Resp: 82062

Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

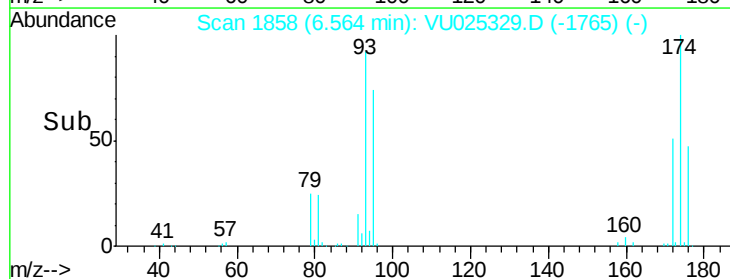
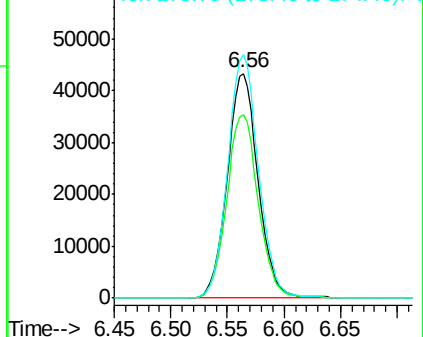
174 108.3 85.8 128.8

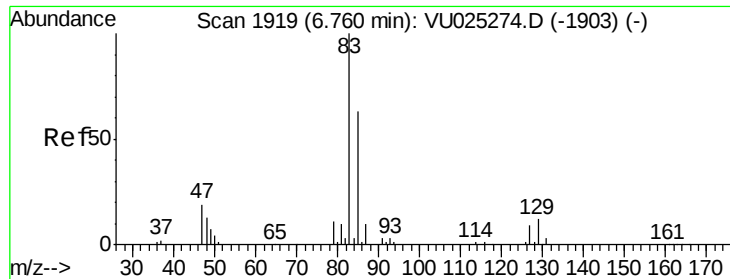


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.76 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

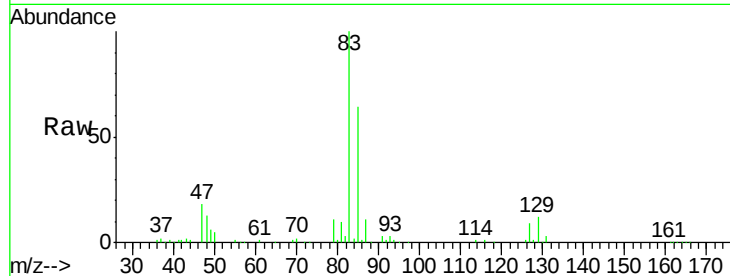
Tot Ion: 83 Resp: 155173

Ion Ratio Lower Upper

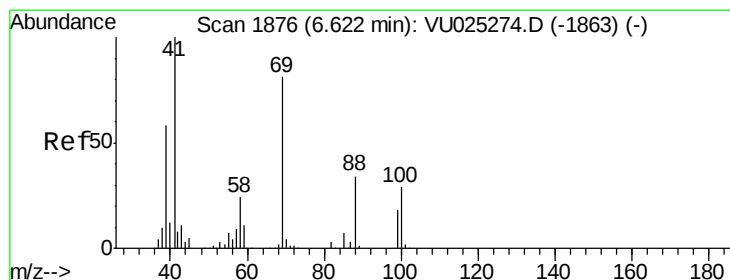
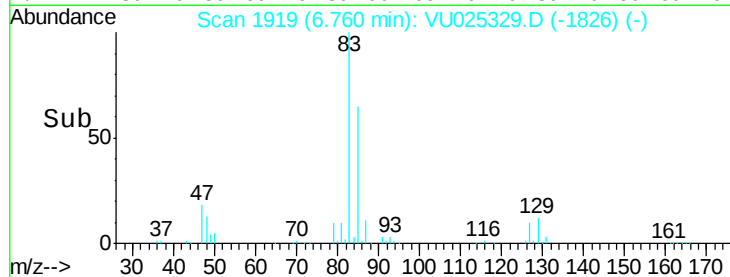
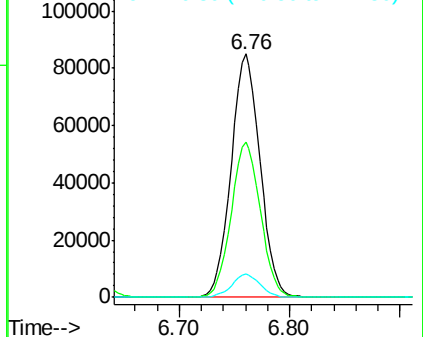
83 100

85 63.9 50.2 75.4

127 9.5 7.2 10.8



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



#48

Methyl methacrylate

Concen: 53.86 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

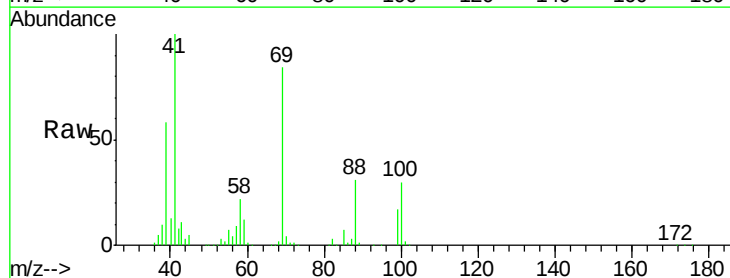
Tgt Ion: 41 Resp: 140881

Ion Ratio Lower Upper

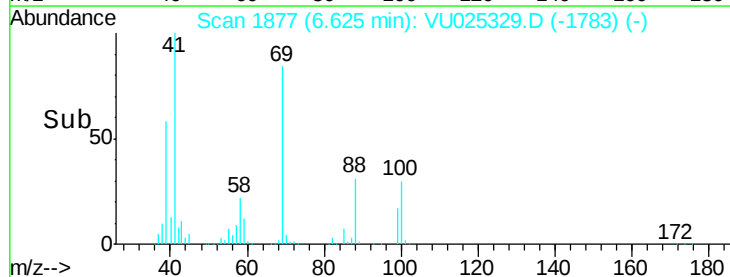
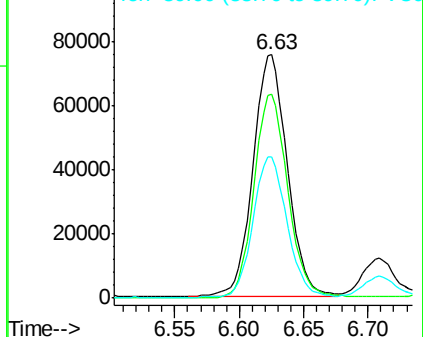
41 100

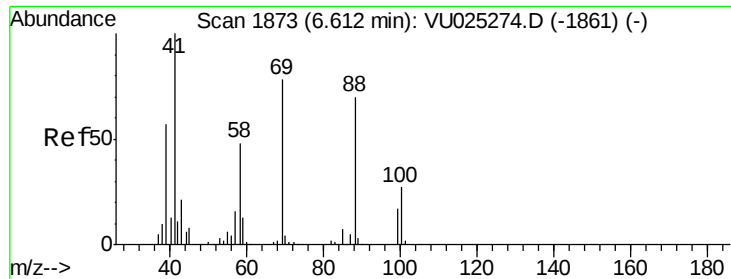
69 83.4 65.0 97.4

39 57.6 46.4 69.6



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

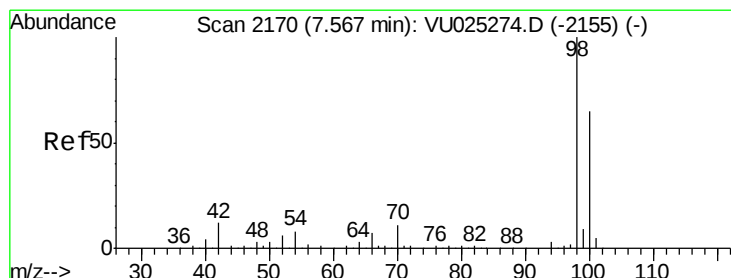
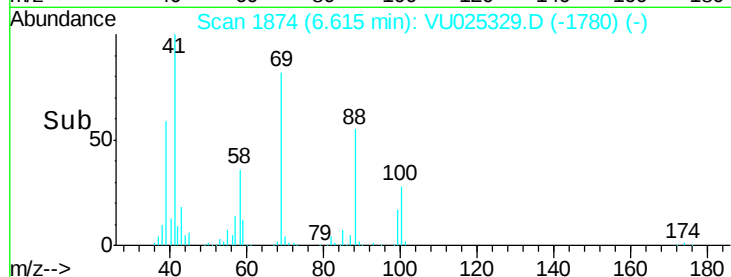
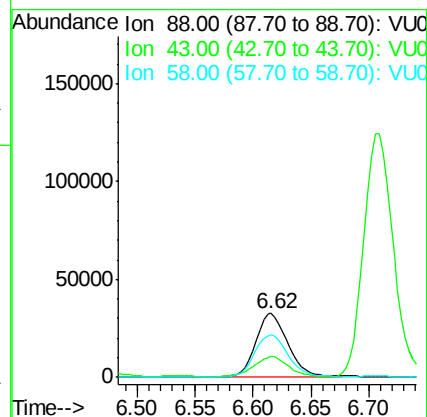
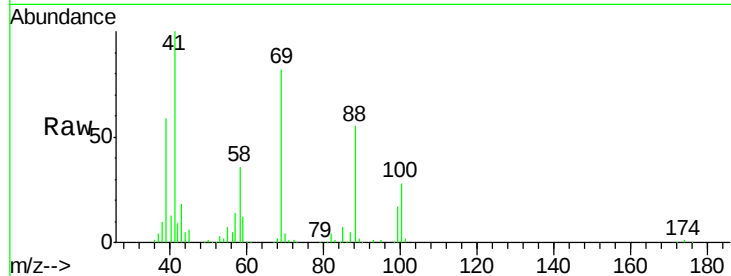




#49
1,4-Dioxane
Concen: 1014.72 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

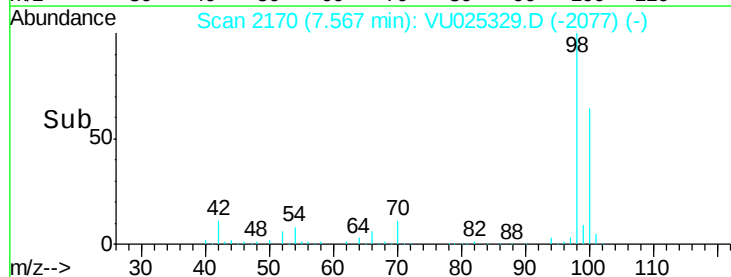
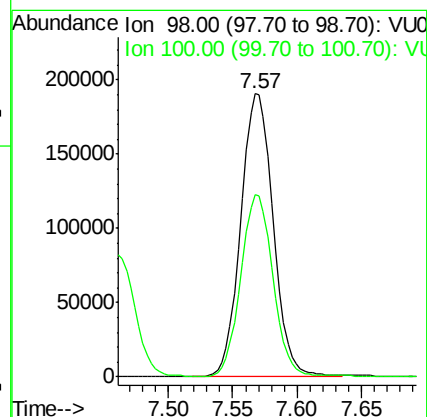
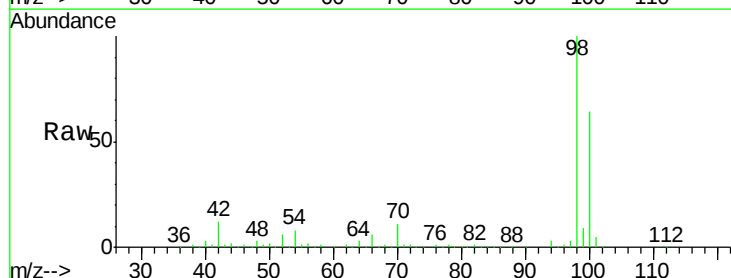
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

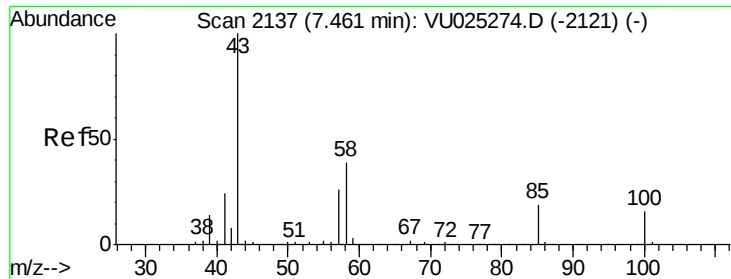
Tot Ion: 88 Resp: 63863
Ion Ratio Lower Upper
88 100
43 33.9 27.3 40.9
58 70.0 57.6 86.4



#50
Toluene-d8
Concen: 43.86 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 98 Resp: 334823
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 266.87 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

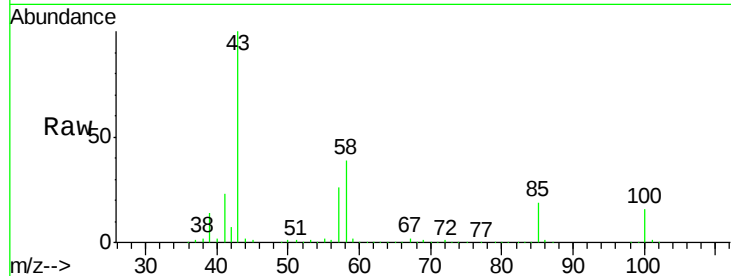
SS037MW036-180709MSD

Tot Ion: 43 Resp: 910059

Ion Ratio Lower Upper

43 100

58 39.1 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

500000

400000

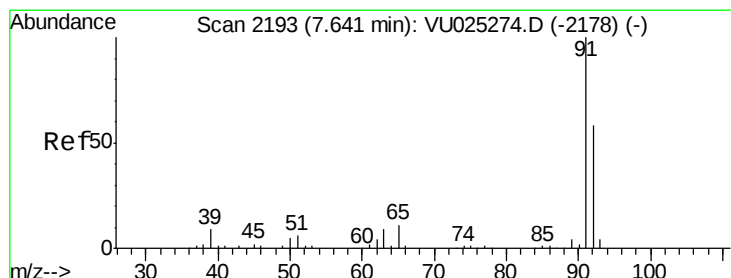
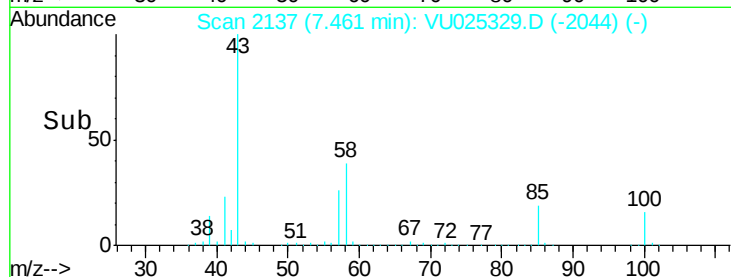
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.40 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025329.D

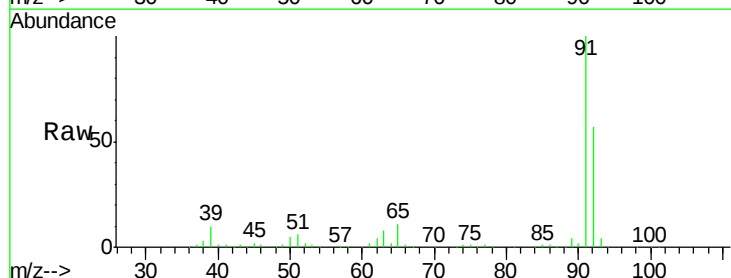
Acq: 11 Jul 2018 21:09

Tgt Ion: 92 Resp: 271445

Ion Ratio Lower Upper

92 100

91 172.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

300000

250000

200000

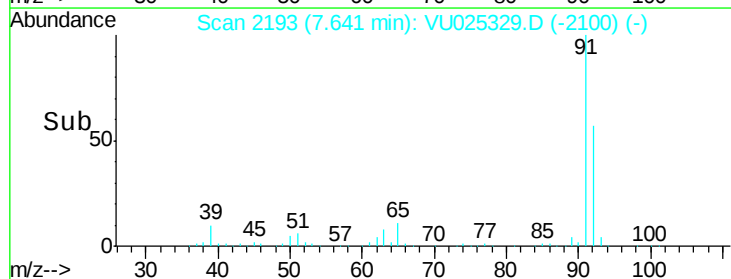
150000

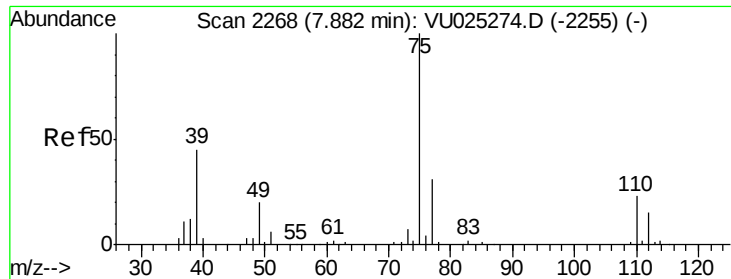
100000

50000

0

Time-->

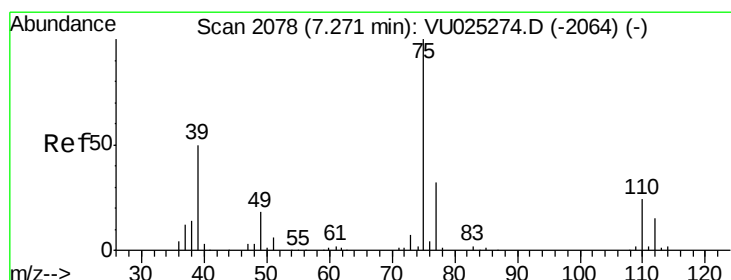
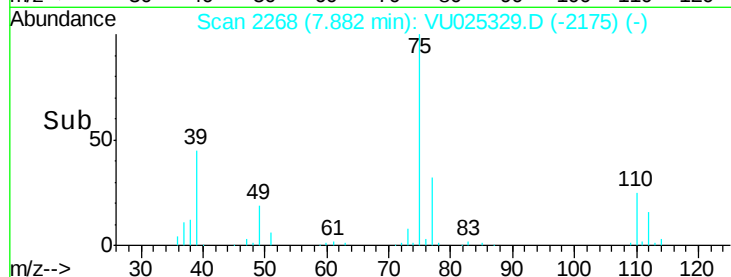
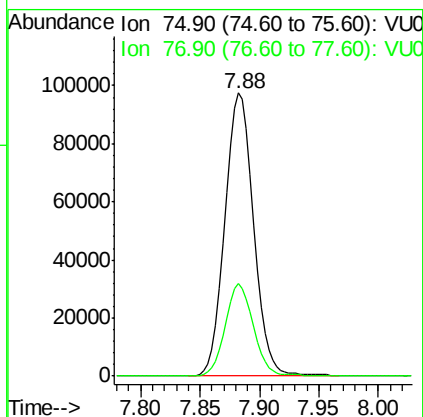
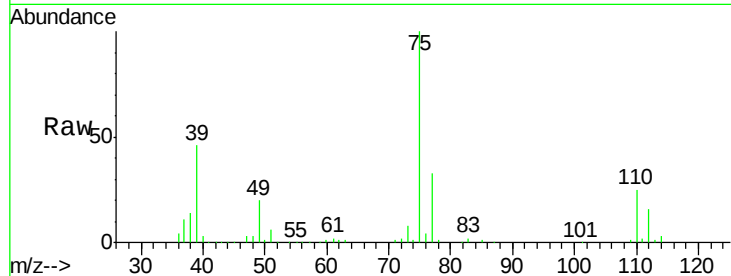




#53
t-1,3-Dichloropropene
Concen: 49.66 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

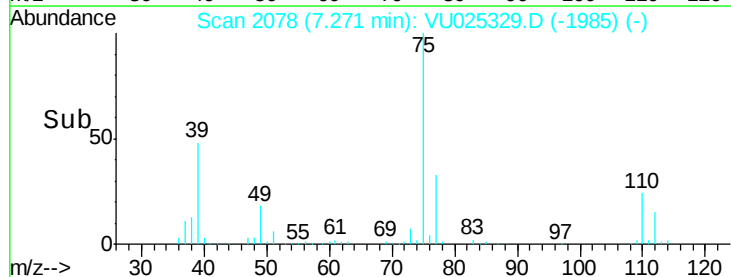
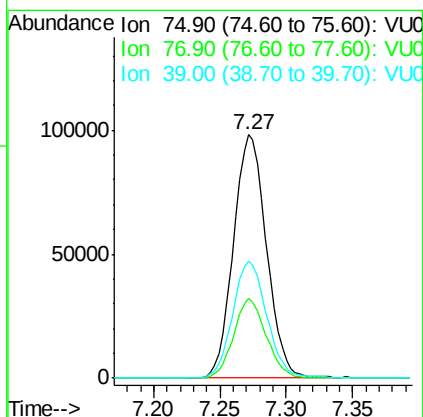
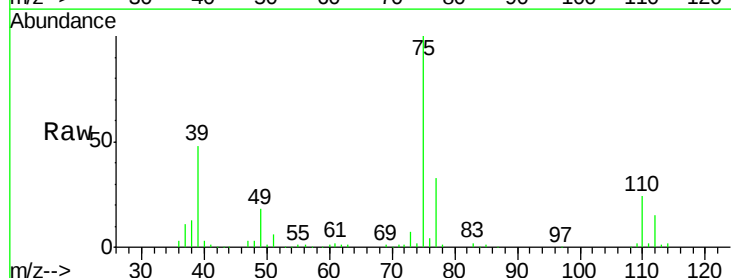
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

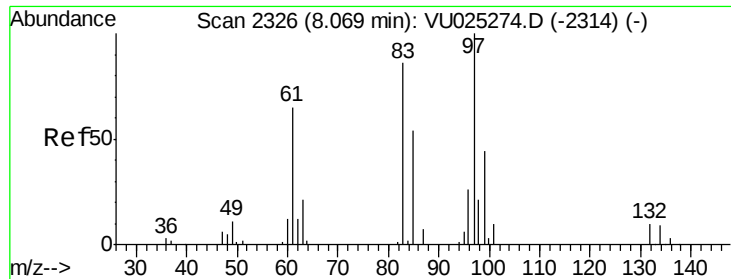
Tot Ion: 75 Resp: 163577
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 48.56 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 75 Resp: 170240
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 48.0 40.0 60.0

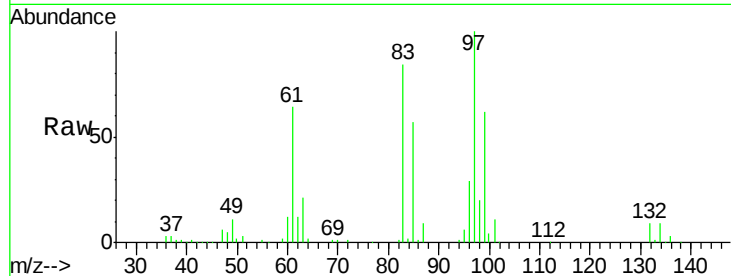




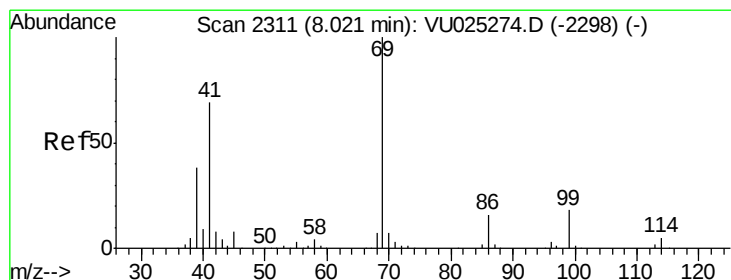
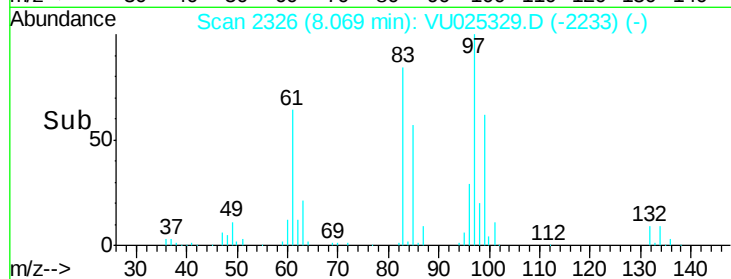
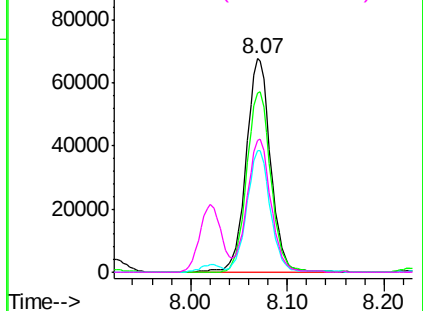
#55
 1,1,2-Trichloroethane
 Concen: 52.75 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

Tot Ion:	97	Resp:	118335
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.9	103.3
85	56.8	44.4	66.6
99	61.7	51.0	76.4

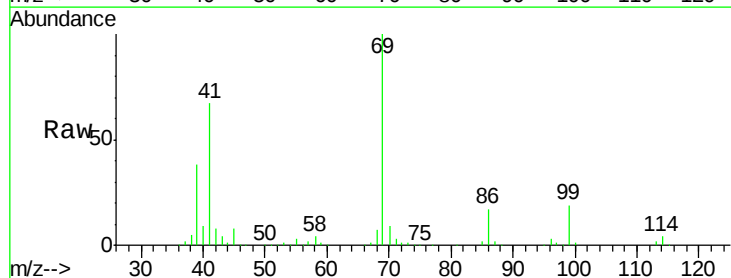


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

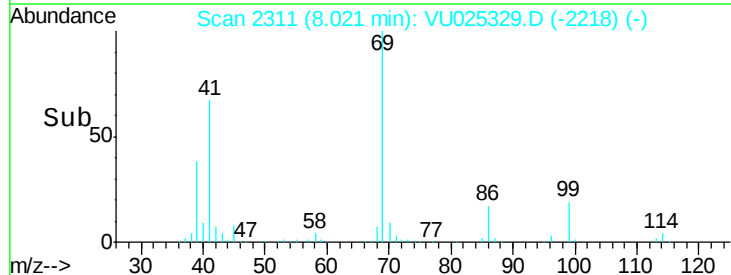
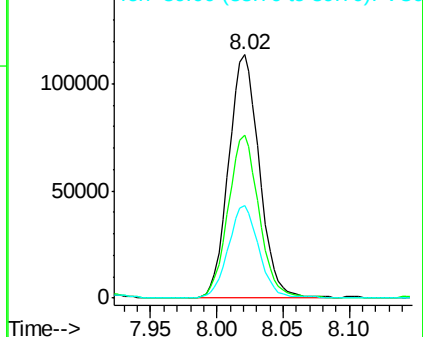


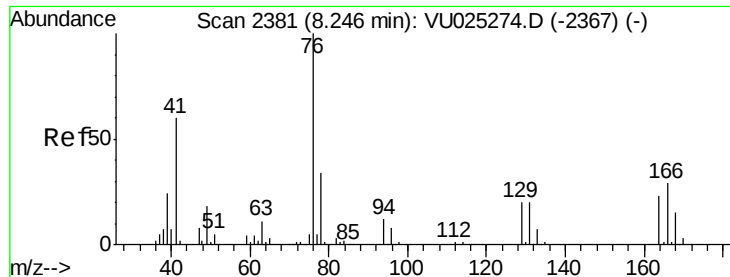
#56
 Ethyl methacrylate
 Concen: 52.25 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Tgt Ion:	69	Resp:	183066
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.8	82.2
39	37.7	31.1	46.7



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





#57

1,3-Dichloropropane

Concen: 52.24 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

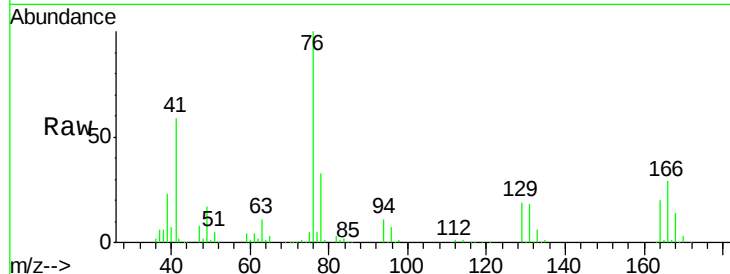
SS037MW036-180709MSD

Tot Ion: 76 Resp: 194558

Ion Ratio Lower Upper

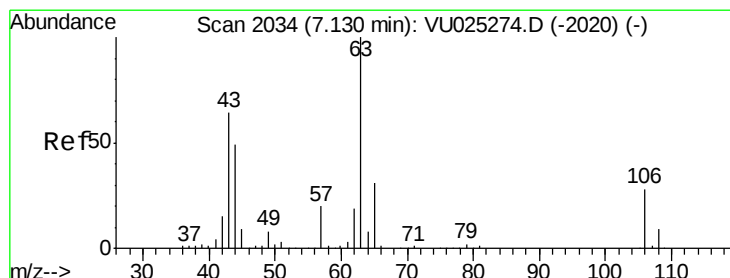
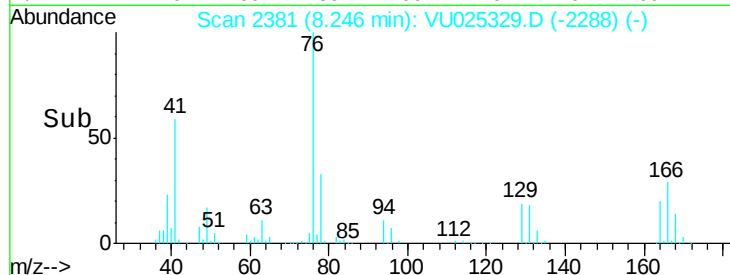
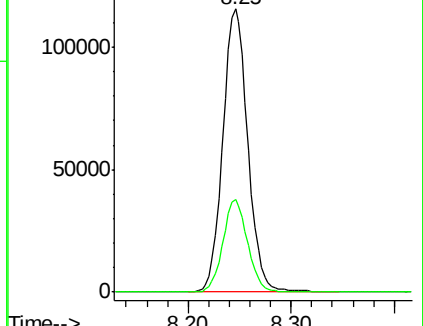
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 11.22 ug/l

RT: 7.12 min Scan# 2032

Delta R.T. -0.01 min

Lab File: VU025329.D

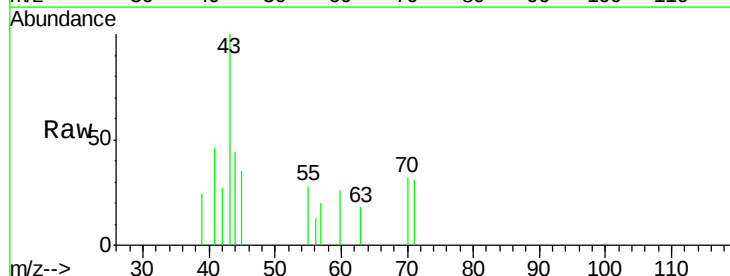
Acq: 11 Jul 2018 21:09

Tgt Ion: 63 Resp: 98

Ion Ratio Lower Upper

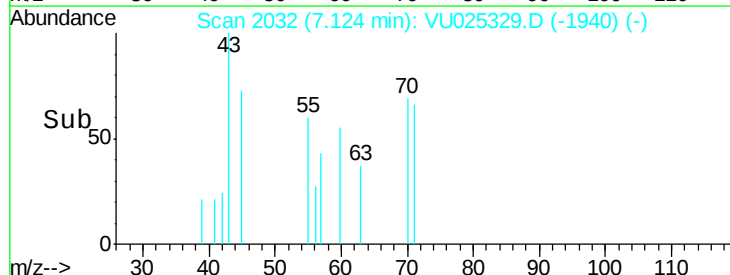
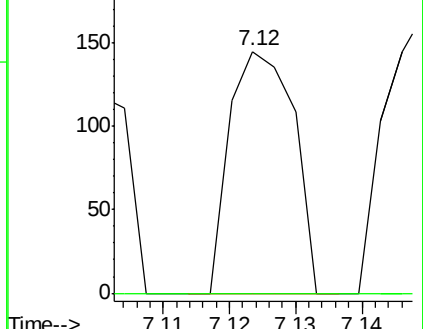
63 100

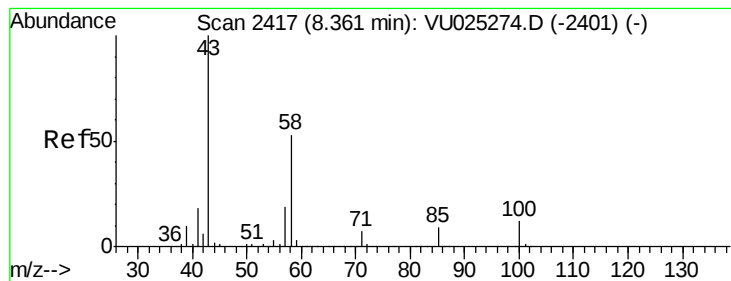
106 0.0 22.3 33.5#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 257.08 ug/l

RT: 8.36 min Scan# 2418

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

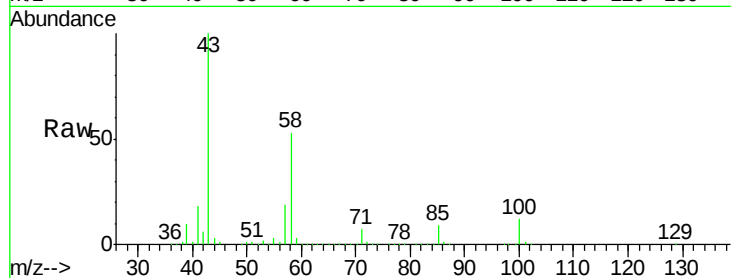
SS037MW036-180709MSD

Tot Ion: 43 Resp: 711100

Ion Ratio Lower Upper

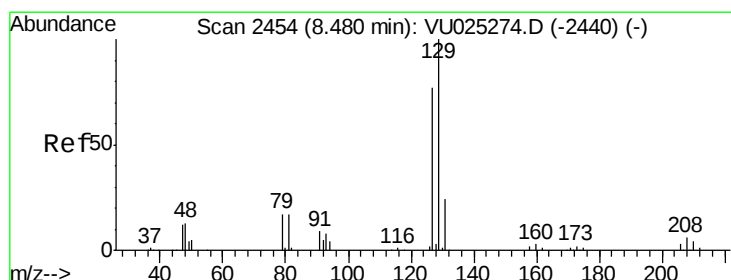
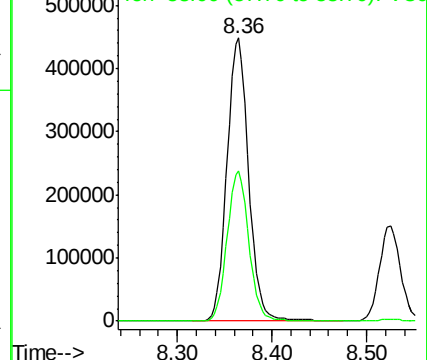
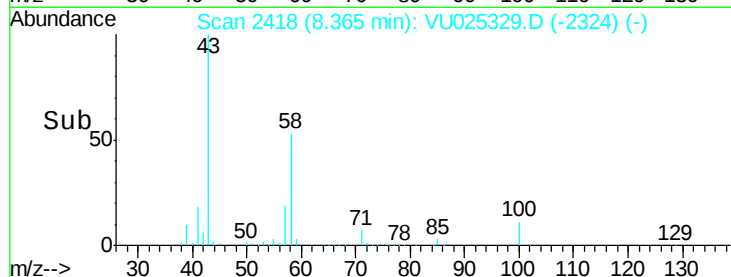
43 100

58 53.6 26.2 78.5



Abundance Ion 43.00 (42.70 to 43.70): VU025329.D (-2324) (-)

Ion 58.00 (57.70 to 58.70): VU025329.D (-2324) (-)



#60

Dibromochloromethane

Concen: 53.30 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU025329.D

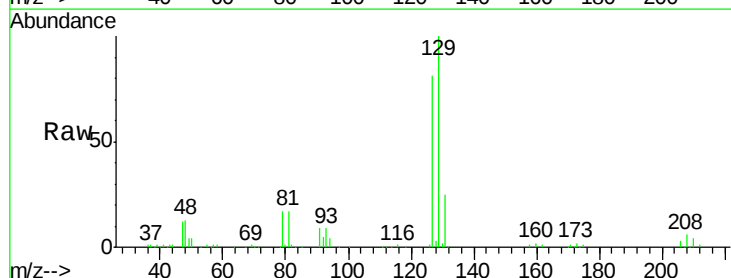
Acq: 11 Jul 2018 21:09

Tgt Ion:129 Resp: 129123

Ion Ratio Lower Upper

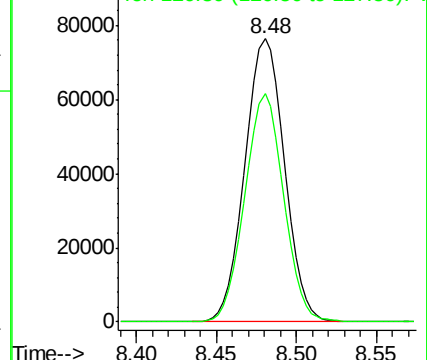
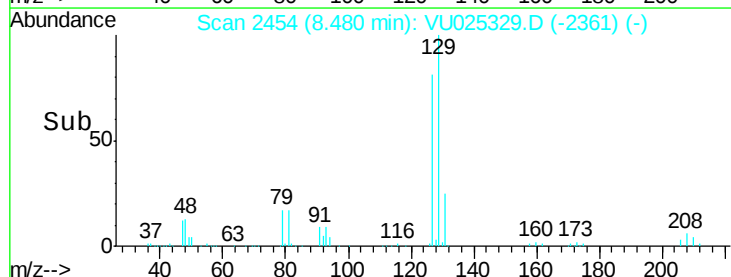
129 100

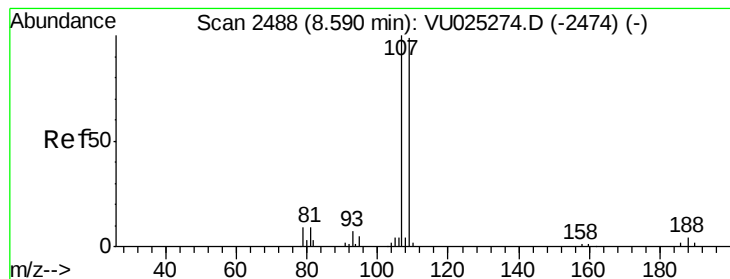
127 78.9 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): VU025329.D (-2361) (-)

Ion 126.80 (126.50 to 127.50): VU025329.D (-2361) (-)





#61

1,2-Dibromoethane

Concen: 52.35 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

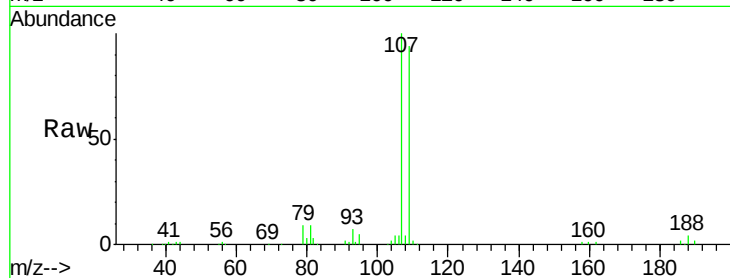
SS037MW036-180709MSD

Tot Ion:107 Resp: 125648

Ion Ratio Lower Upper

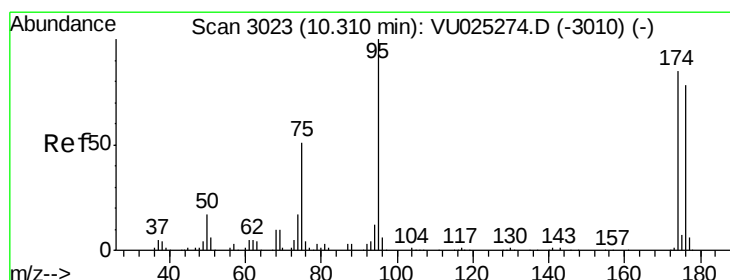
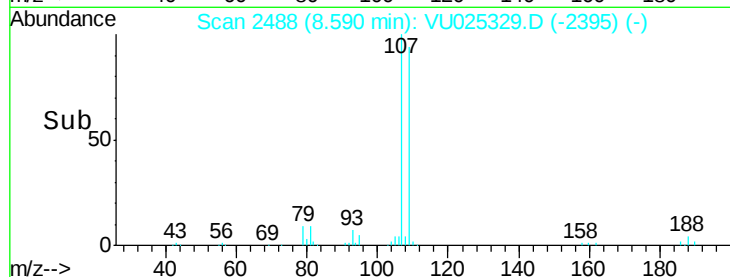
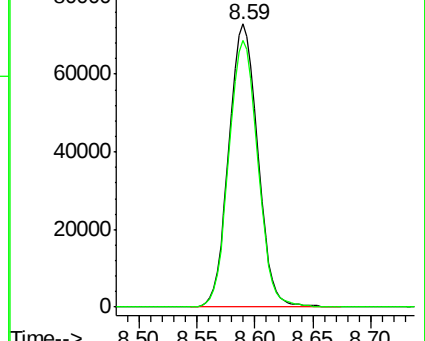
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.83 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

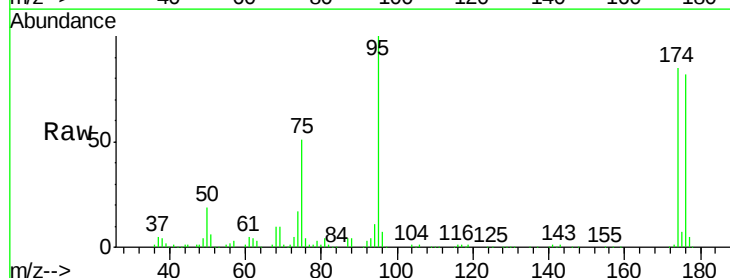
Tgt Ion: 95 Resp: 137791

Ion Ratio Lower Upper

95 100

174 87.1 0.0 172.2

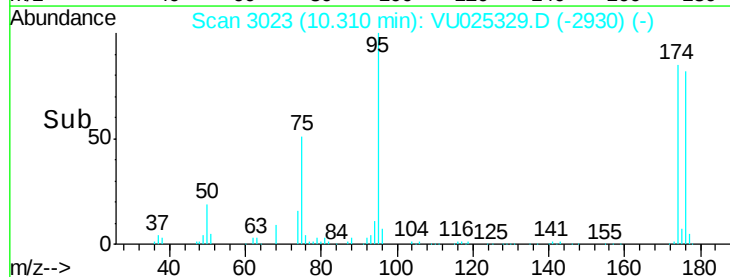
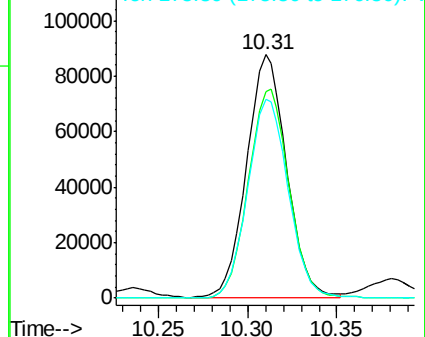
176 83.3 0.0 162.6

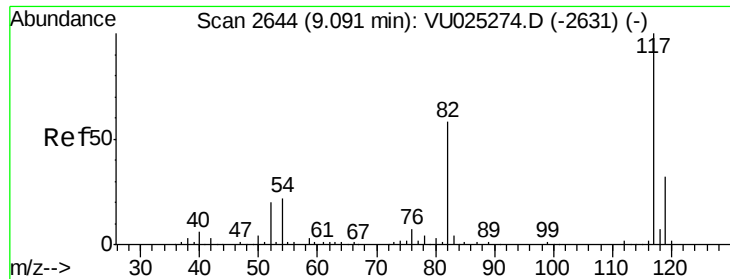


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

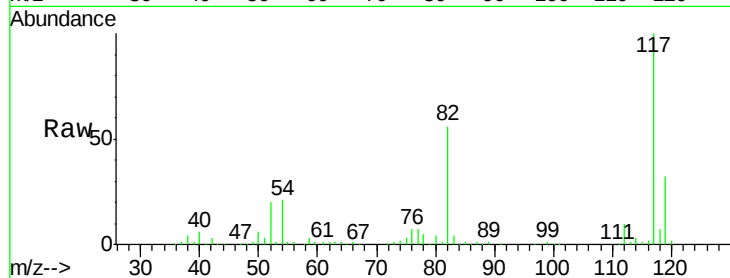
Tot Ion:117 Resp: 253993

Ion Ratio Lower Upper

117 100

82 56.5 46.0 69.0

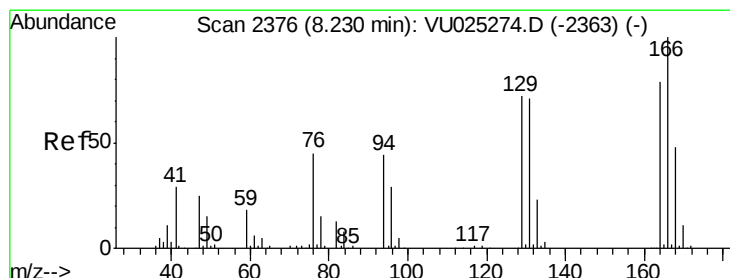
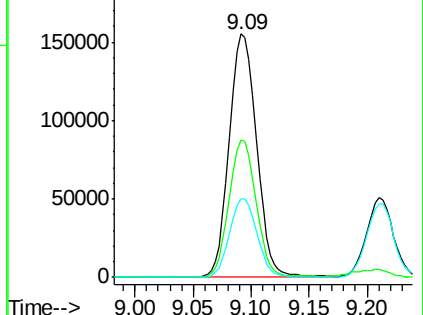
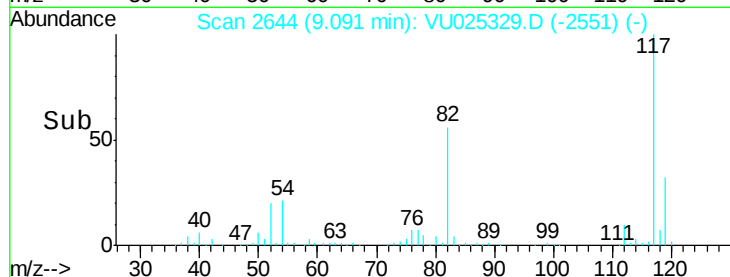
119 32.4 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 44.20 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Tgt Ion:164 Resp: 102330

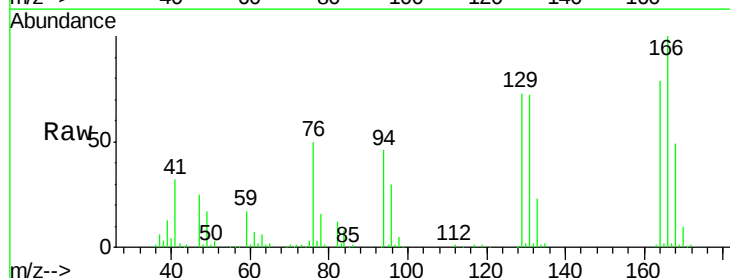
Ion Ratio Lower Upper

164 100

166 126.0 101.1 151.7

129 92.1 73.0 109.6

131 90.9 72.1 108.1

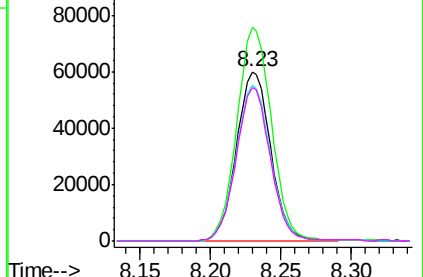
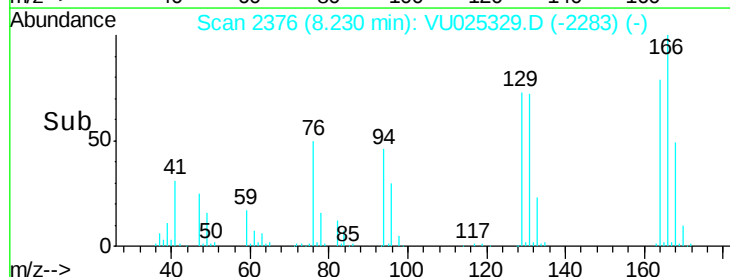


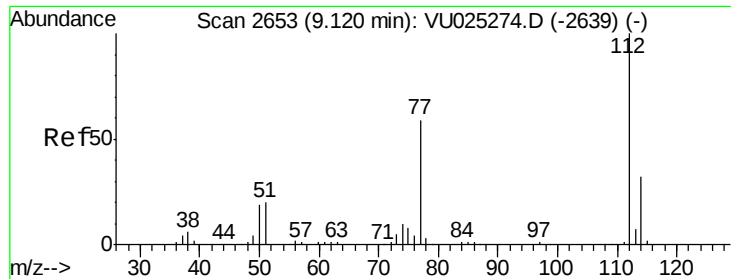
Abundance Ion 163.80 (163.50 to 164.50): V

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

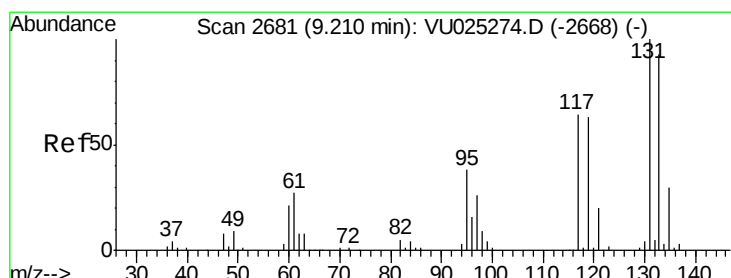
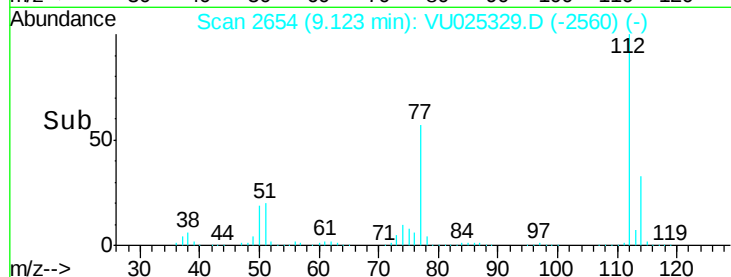
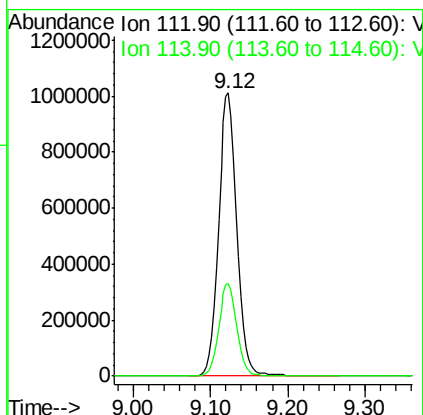
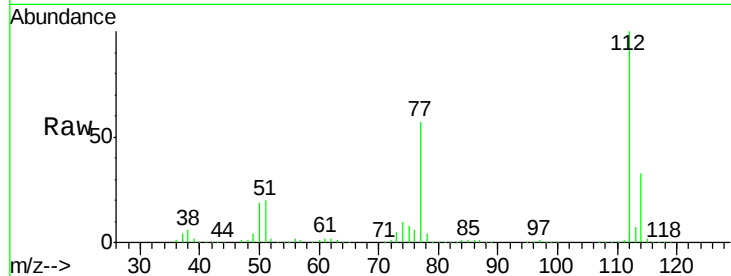




#65
Chlorobenzene
Concen: 264.06 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

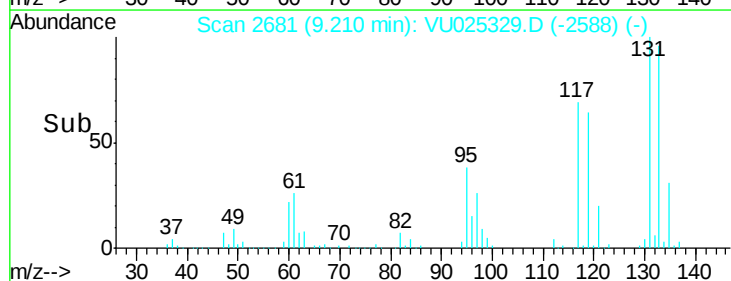
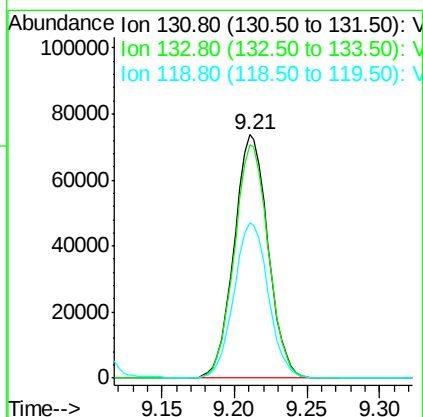
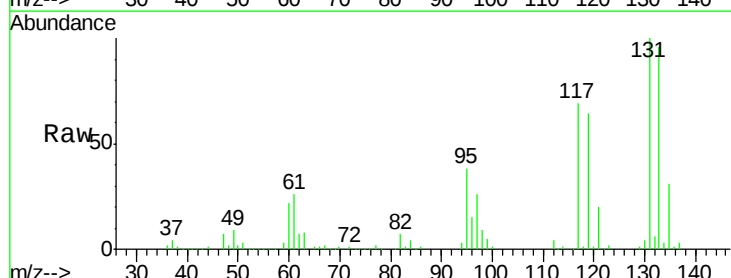
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

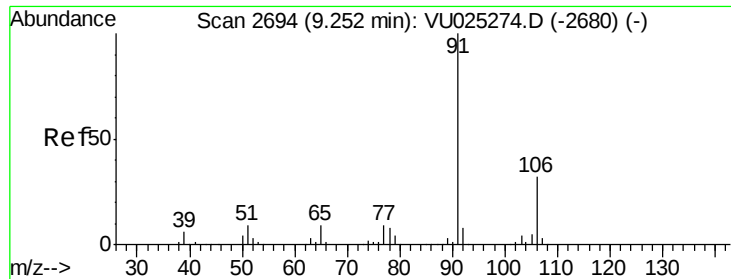
Tot Ion:112 Resp: 1675483
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.70 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion:131 Resp: 119623
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 64.5 31.6 95.0

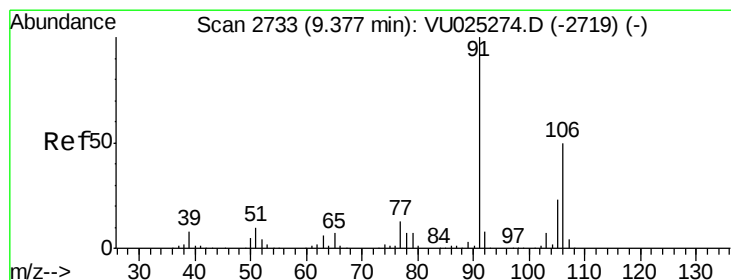
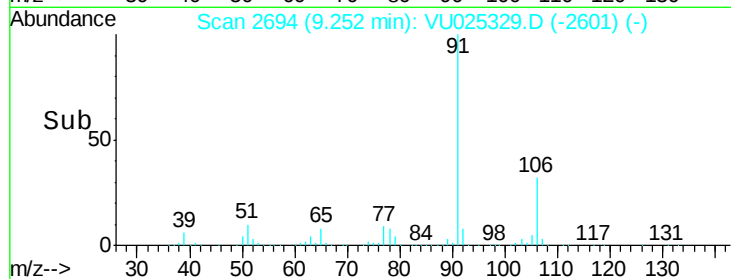
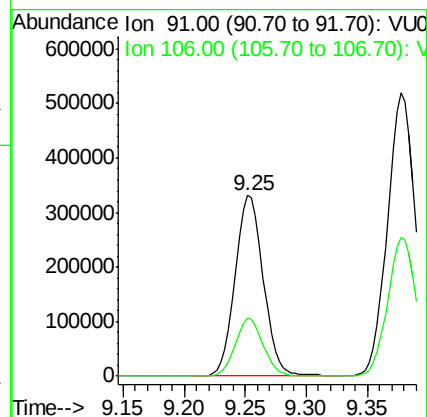
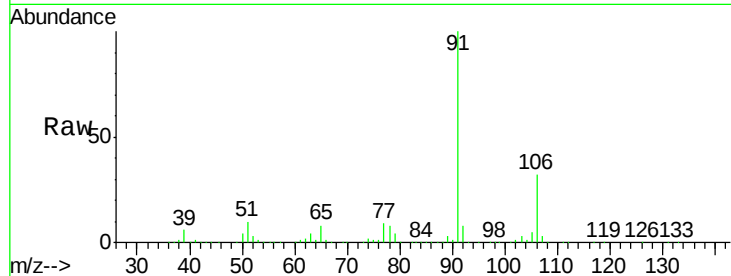




#67
Ethyl Benzene
Concen: 49.63 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

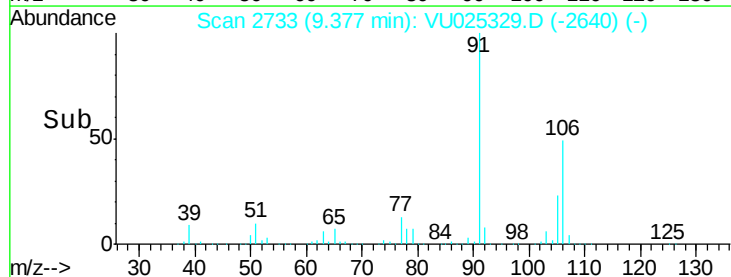
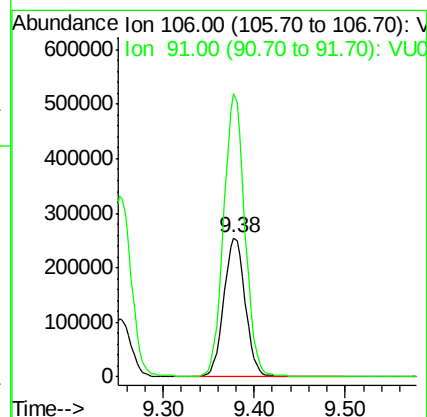
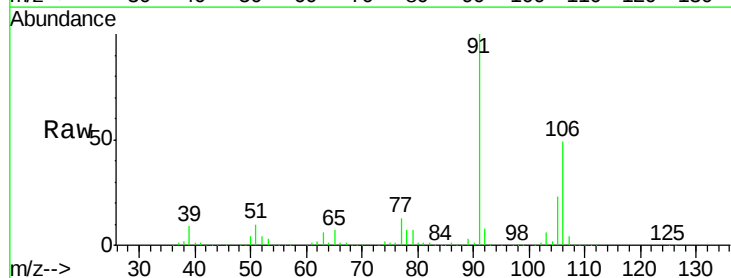
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

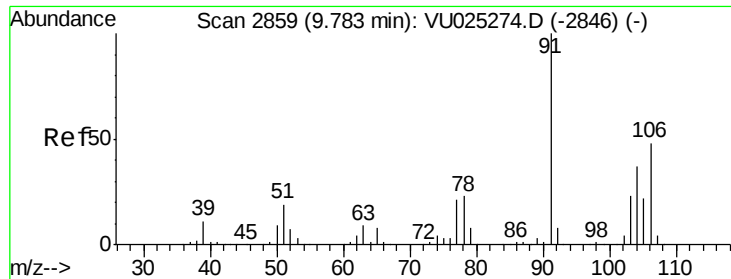
Tot Ion: 91 Resp: 536835
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 100.16 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 106 Resp: 418891
Ion Ratio Lower Upper
106 100
91 201.4 162.3 243.5

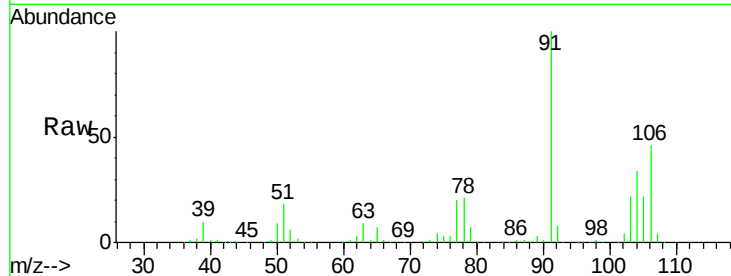




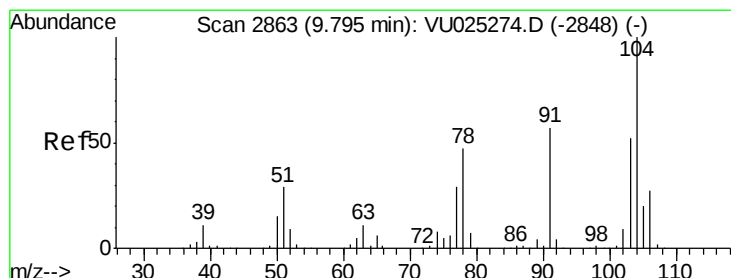
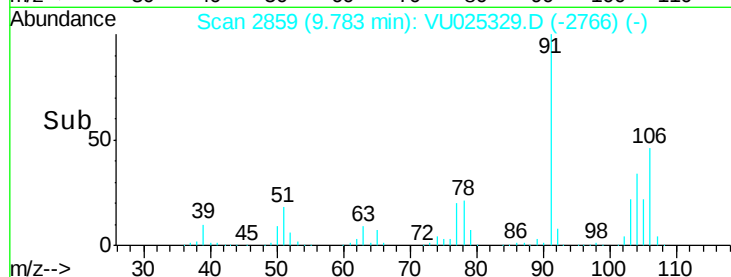
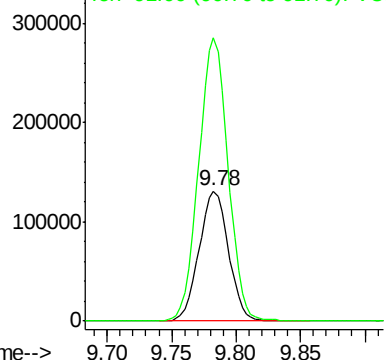
#69
o-Xylene
Concen: 49.59 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

Tot Ion:106 Resp: 207650
Ion Ratio Lower Upper
106 100
91 217.4 105.3 315.8

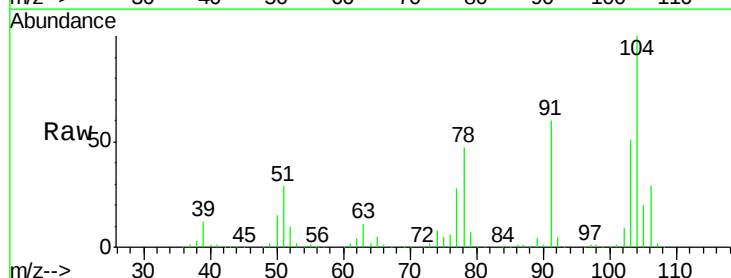


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

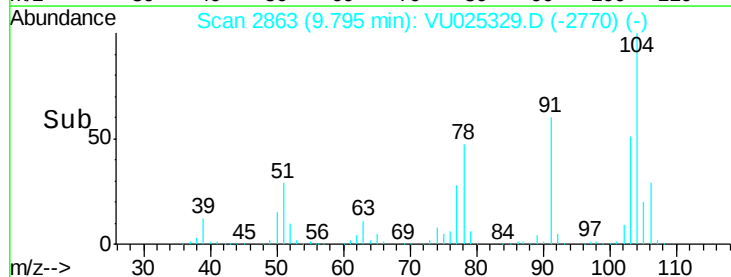
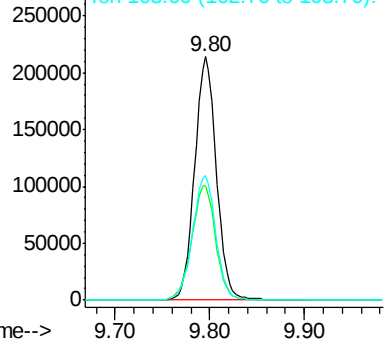


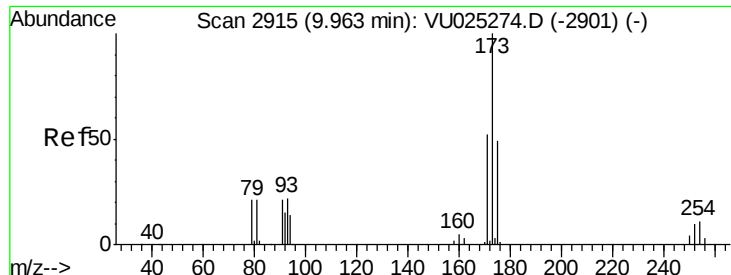
#70
Styrene
Concen: 51.33 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion:104 Resp: 341386
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 54.9 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

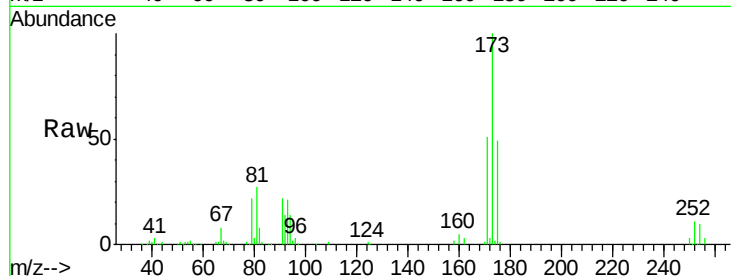




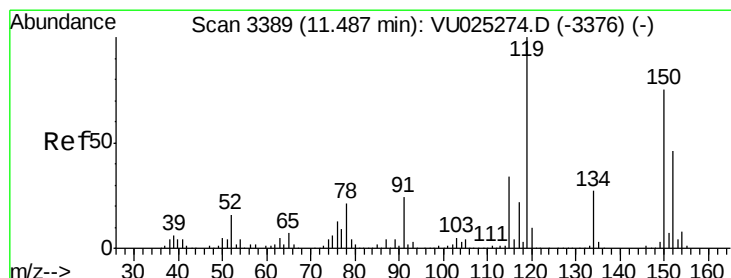
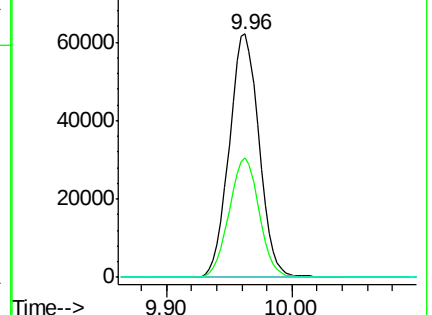
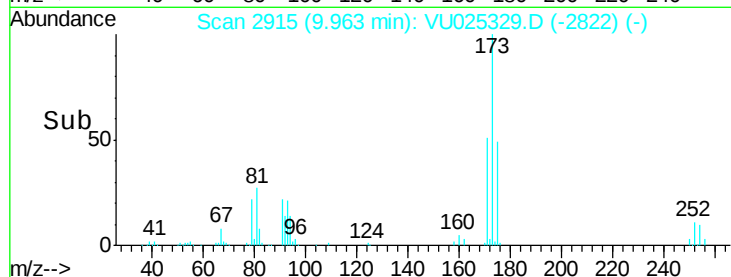
#71
Bromoform
Concen: 46.97 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

Tot Ion:173 Resp: 102381
Ion Ratio Lower Upper
173 100
175 49.2 24.0 72.0
254 0.0 0.0 0.0

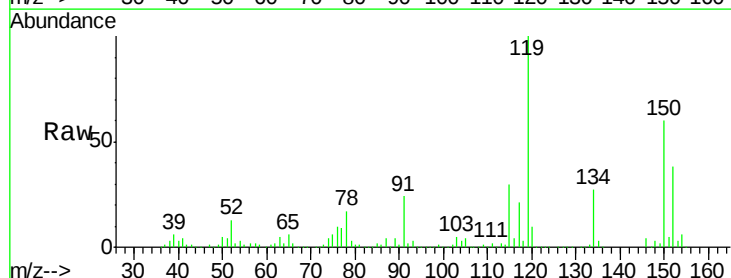


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

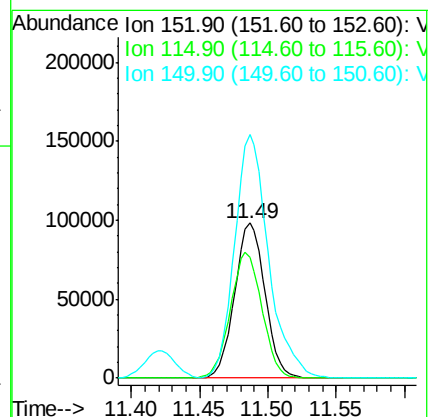
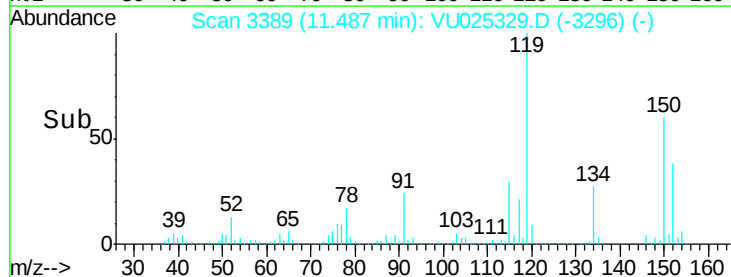


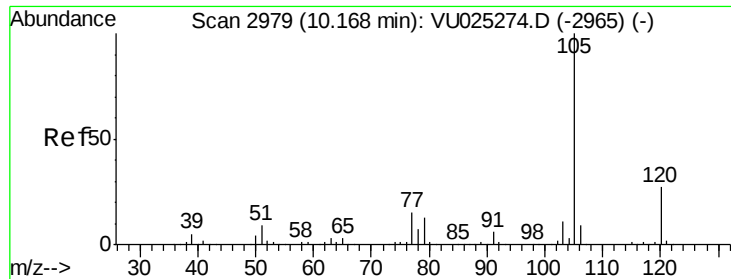
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion:152 Resp: 151708
Ion Ratio Lower Upper
152 100
115 84.8 40.1 120.3
150 175.6 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: 49.50 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

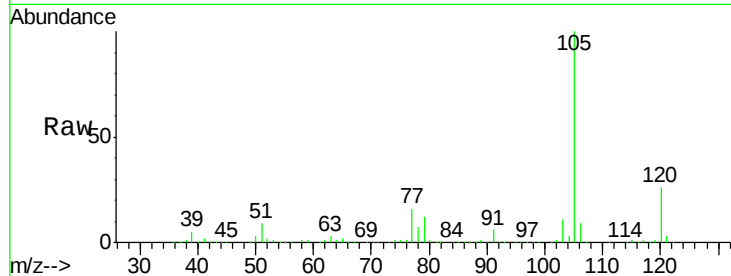
SS037MW036-180709MSD

Tot Ion:105 Resp: 573804

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

10.17

400000

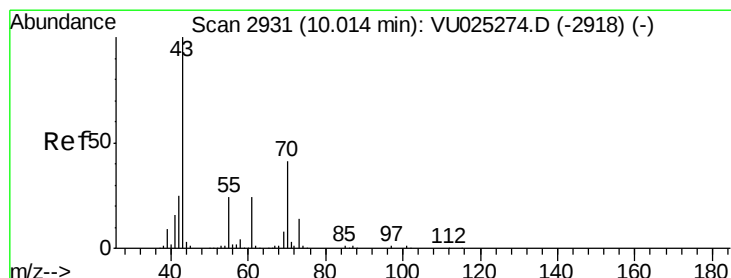
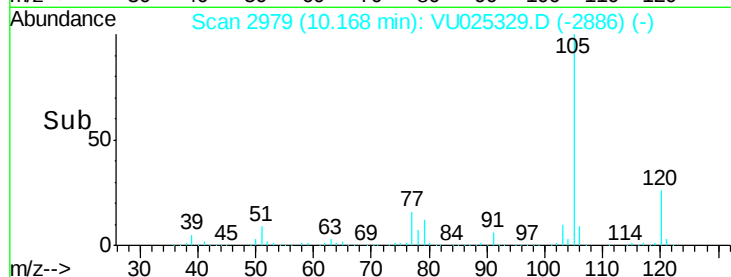
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.87 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Tgt Ion: 43 Resp: 246300

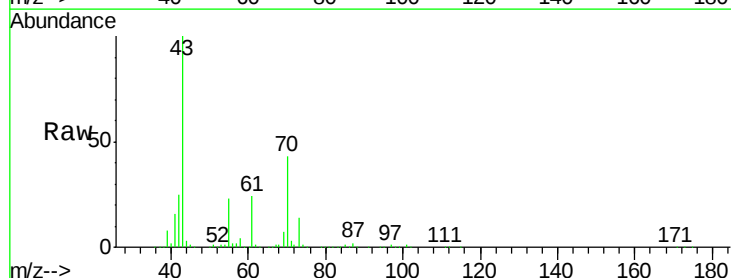
Ion Ratio Lower Upper

43 100

70 41.5 33.4 50.2

55 24.7 19.0 28.6

61 23.3 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

10.01

250000

200000

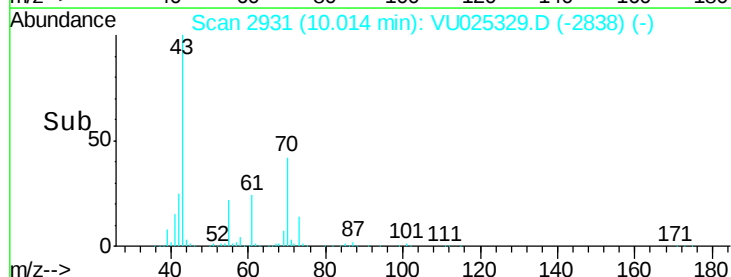
150000

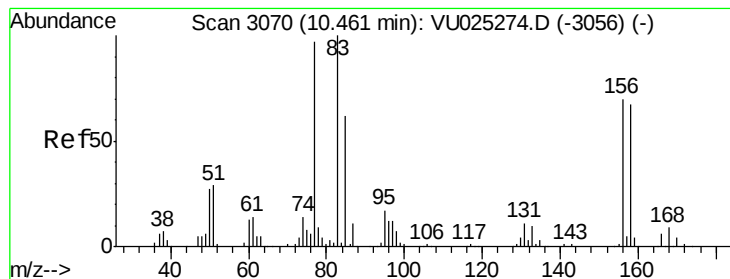
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.23 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

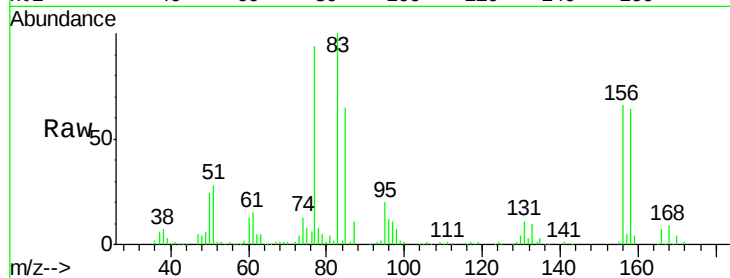
Tot Ion: 83 Resp: 194285

Ion Ratio Lower Upper

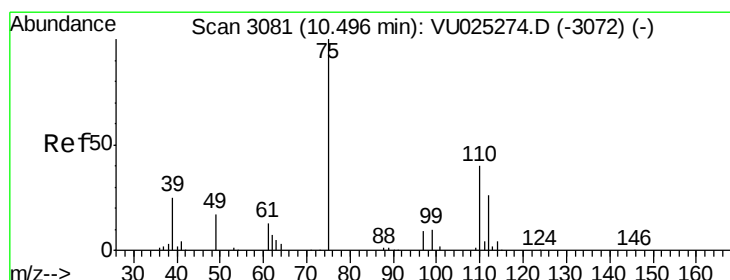
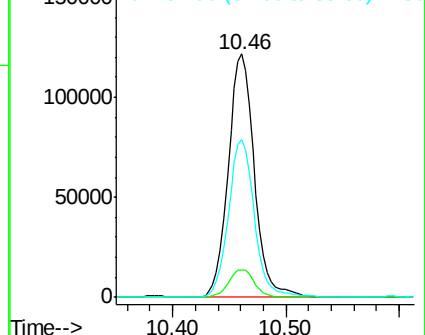
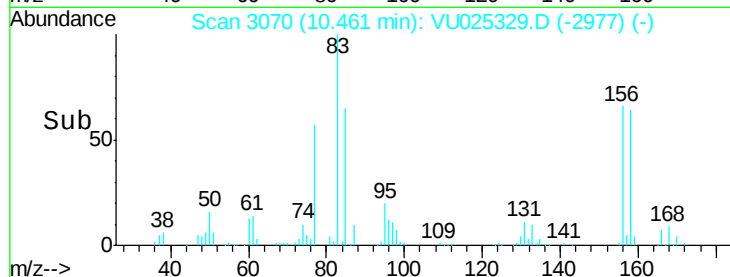
83 100

131 11.2 5.5 16.4

85 64.9 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025329.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 70.21 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025329.D

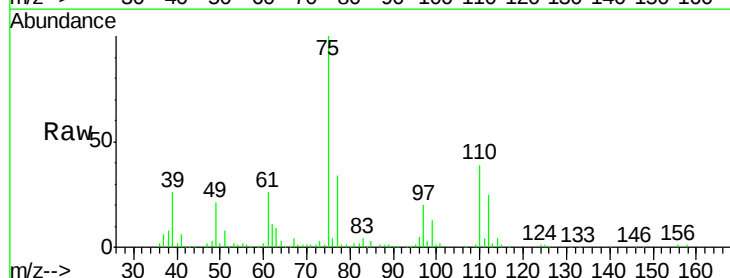
Acq: 11 Jul 2018 21:09

Tgt Ion: 75 Resp: 221120

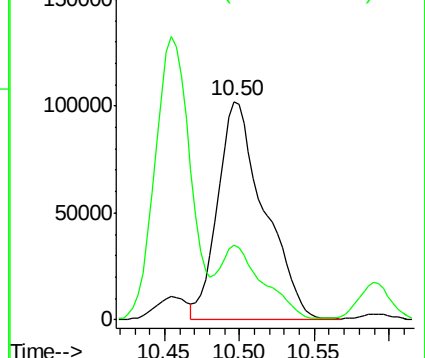
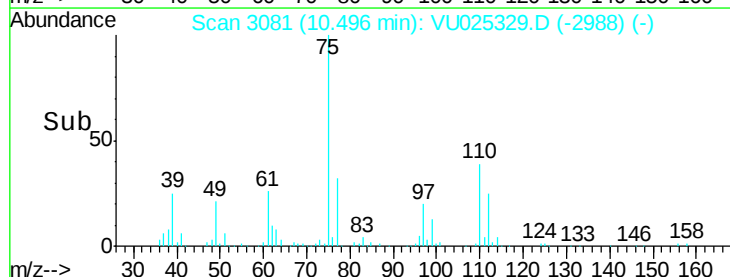
Ion Ratio Lower Upper

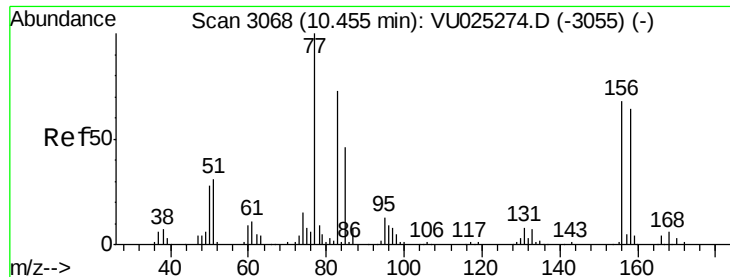
75 100

77 30.2 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025329.D (-2988) (-)





#77

Bromobenzene

Concen: 49.45 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

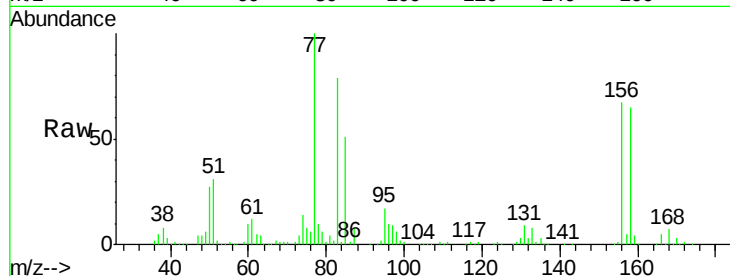
Tot Ion:156 Resp: 146635

Ion Ratio Lower Upper

156 100

77 146.9 73.8 221.4

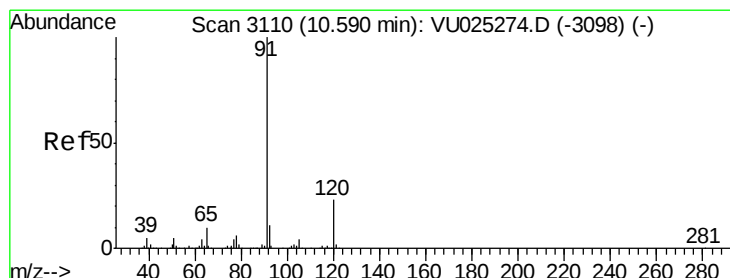
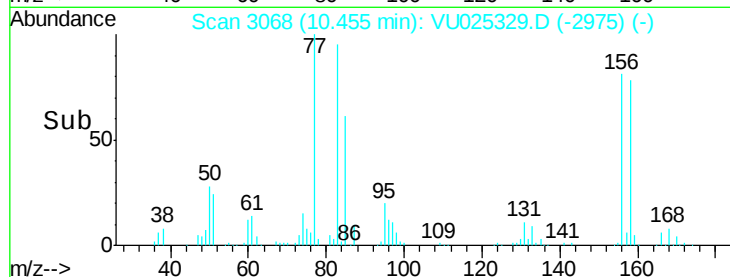
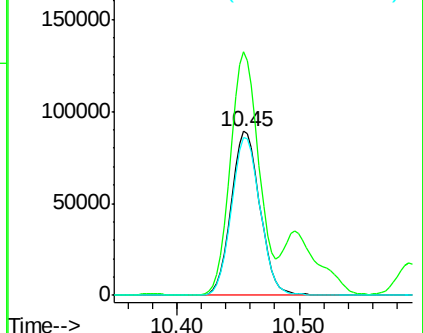
158 96.4 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.80 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025329.D

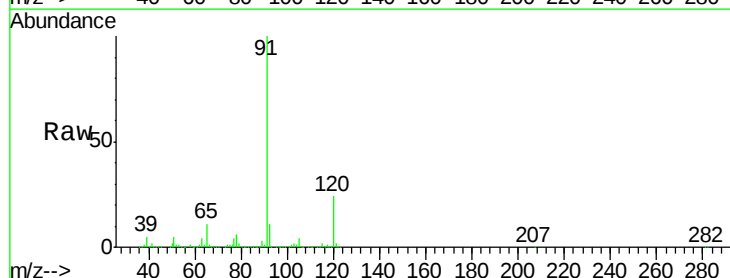
Acq: 11 Jul 2018 21:09

Tgt Ion: 91 Resp: 627721

Ion Ratio Lower Upper

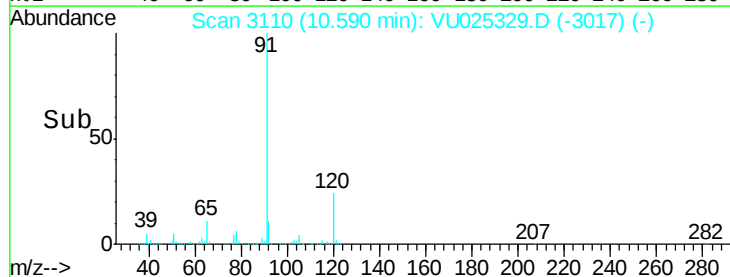
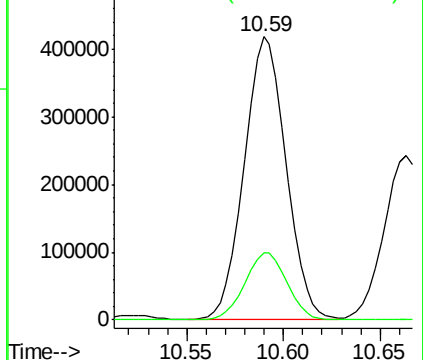
91 100

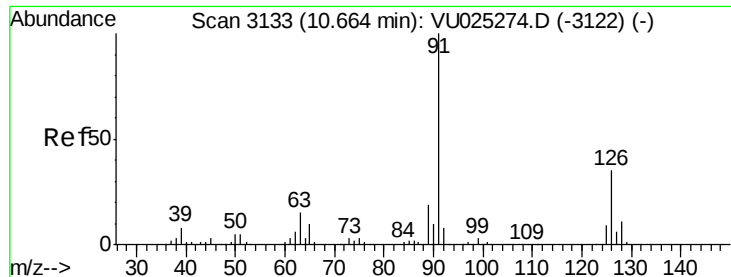
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

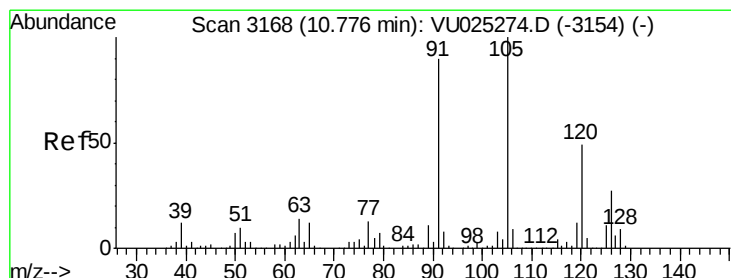
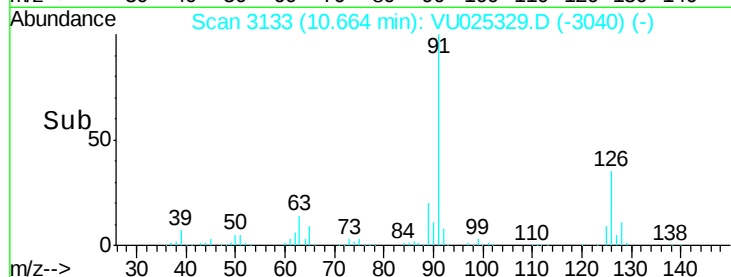
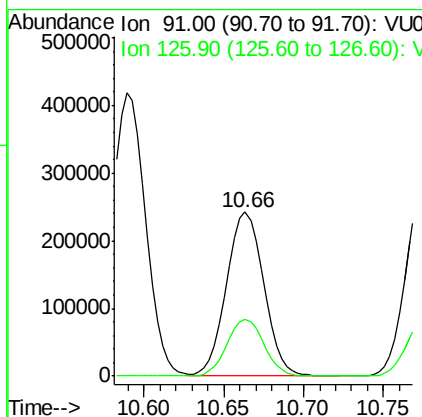
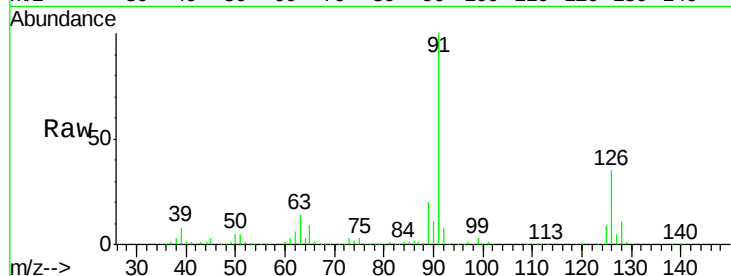




#79
 2-Chlorotoluene
 Concen: 51.91 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

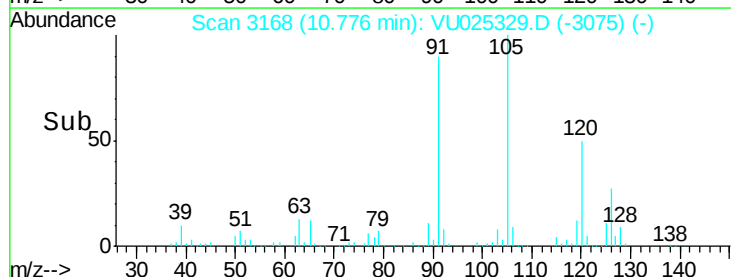
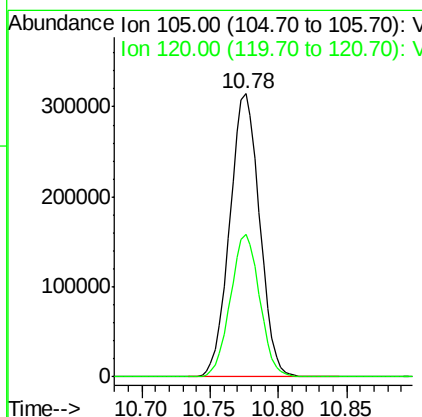
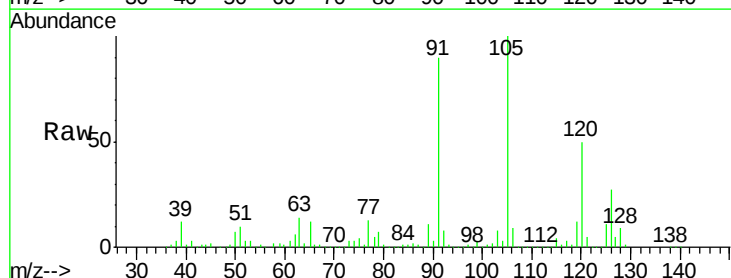
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

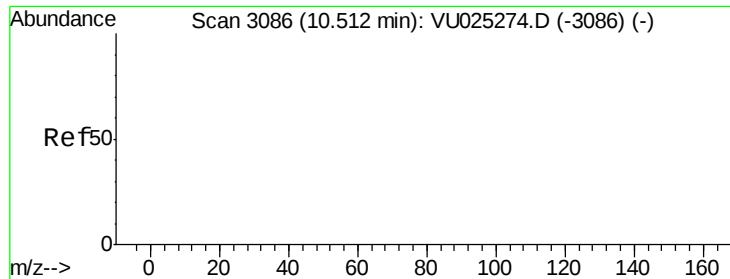
Tot Ion: 91 Resp: 383382
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.09 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Tgt Ion: 105 Resp: 478766
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.2

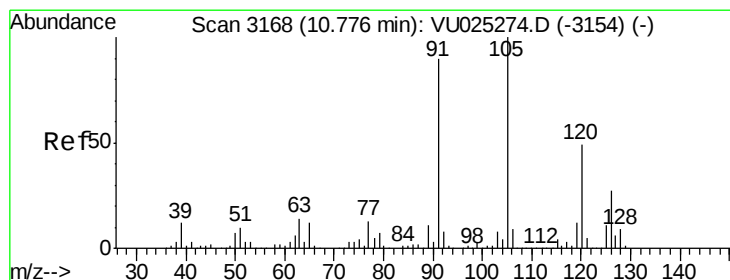
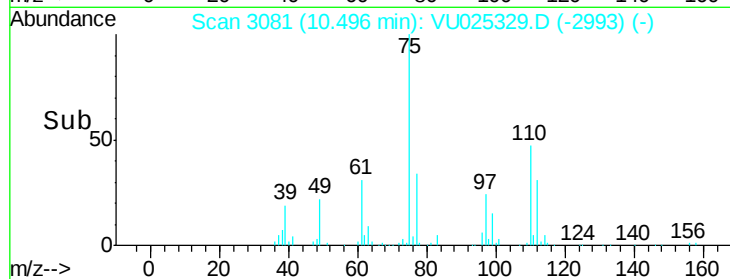
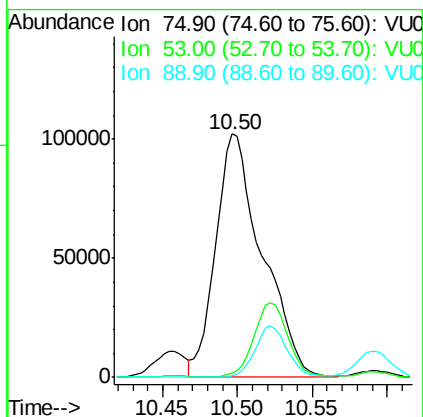
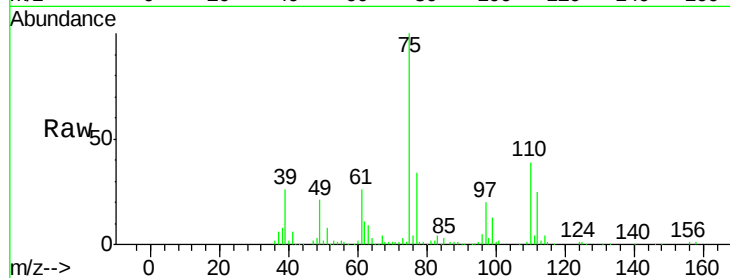




#81
trans-1,4-Dichloro-2-butene
Concen: 182.95 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

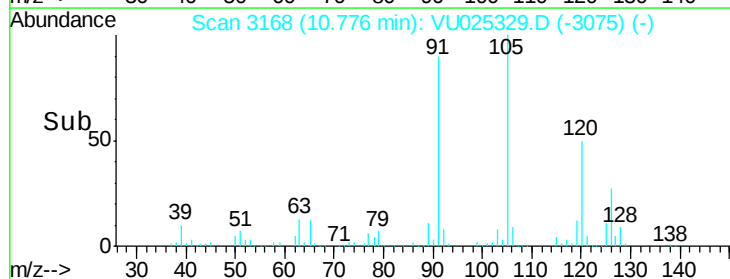
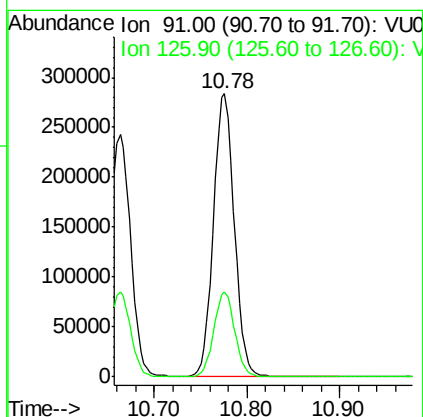
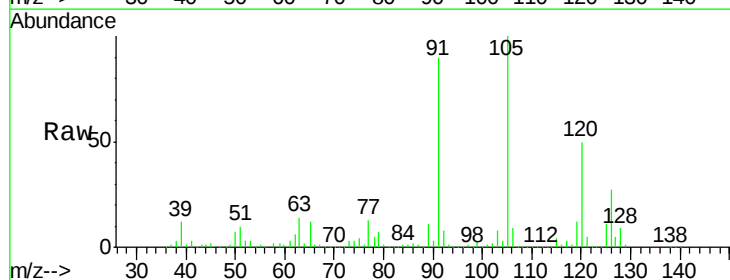
Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

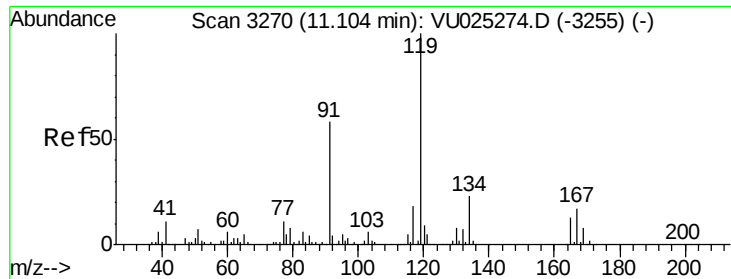
Tot Ion: 75 Resp: 221120
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.50 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion: 91 Resp: 441750
Ion Ratio Lower Upper
91 100
126 30.1 15.3 45.9

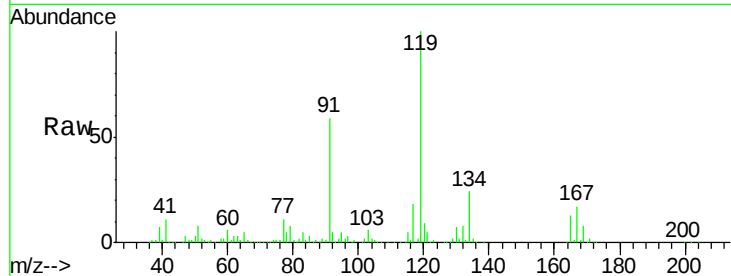




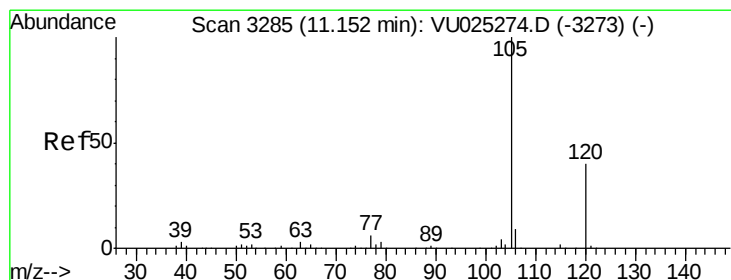
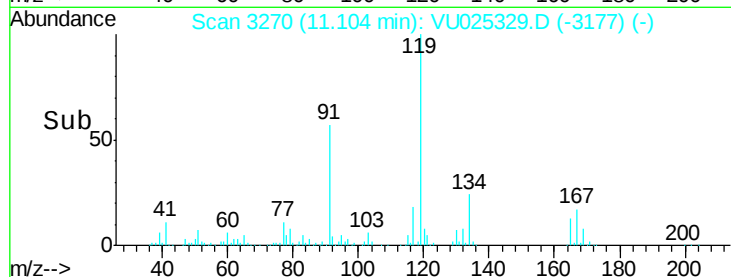
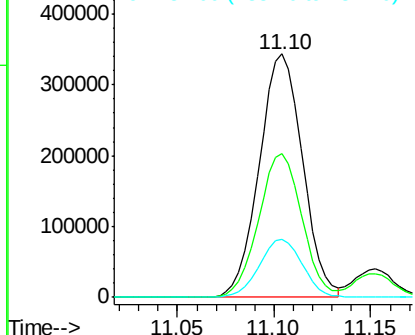
#83
tert-Butylbenzene
Concen: 54.33 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

Tot Ion:119 Resp: 535479
Ion Ratio Lower Upper
119 100
91 59.0 29.7 89.1
134 23.7 11.5 34.5

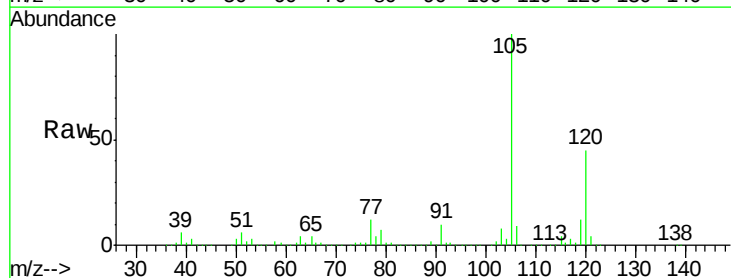


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

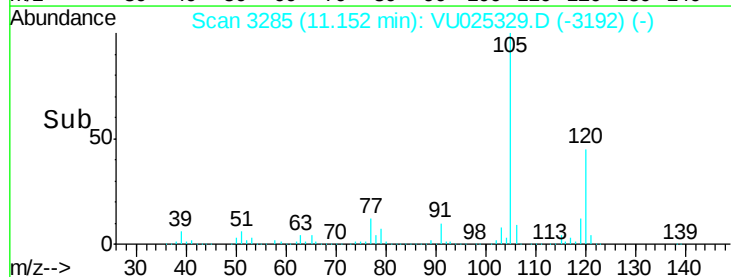
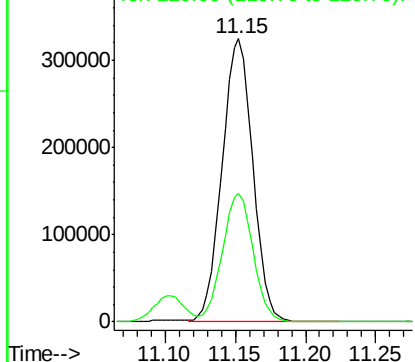


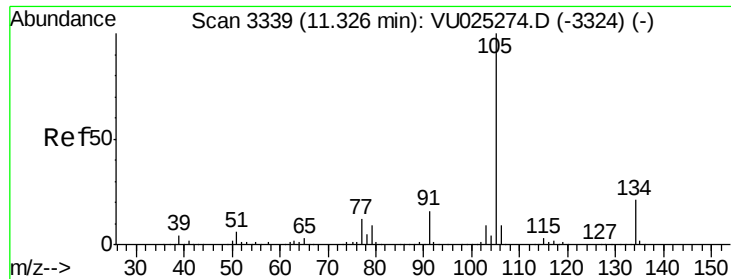
#84
1,2,4-Trimethylbenzene
Concen: 49.26 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion:105 Resp: 492443
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8



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

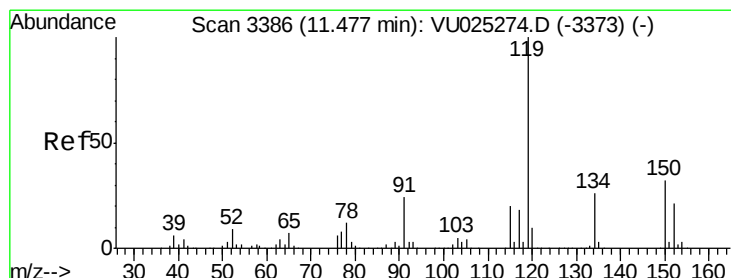
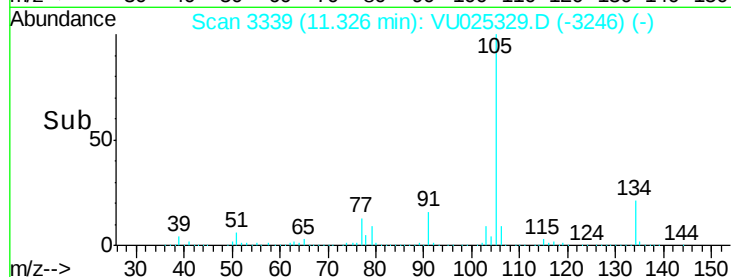
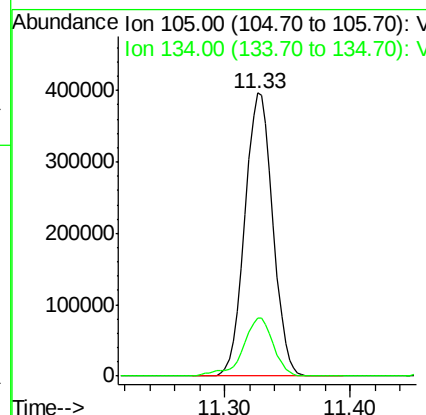
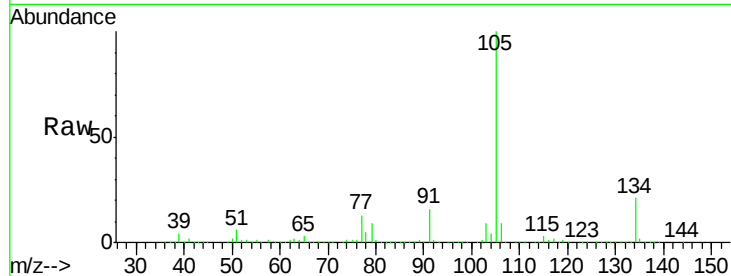




#85
 sec-Butylbenzene
 Concen: 52.89 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

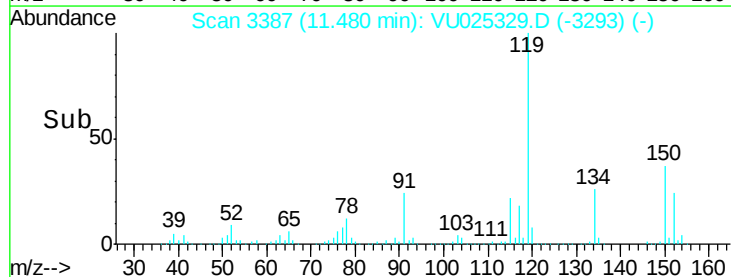
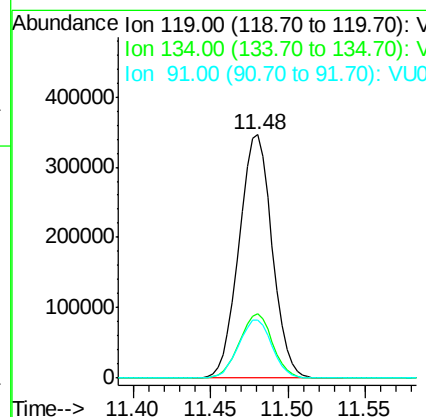
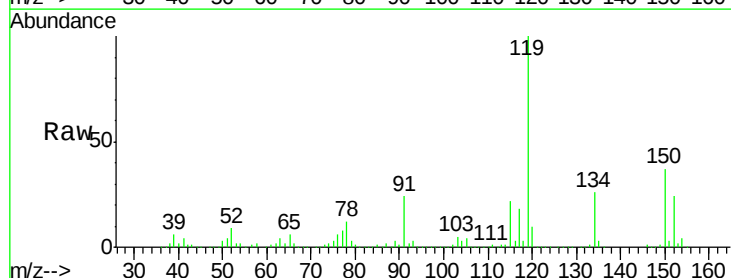
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

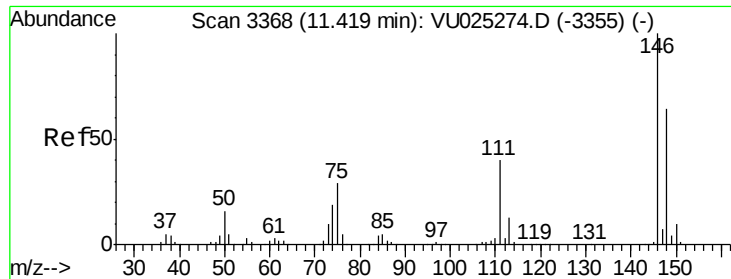
Tot Ion:105 Resp: 613821
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 49.94 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Tgt Ion:119 Resp: 513154
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 24.2 12.0 36.1

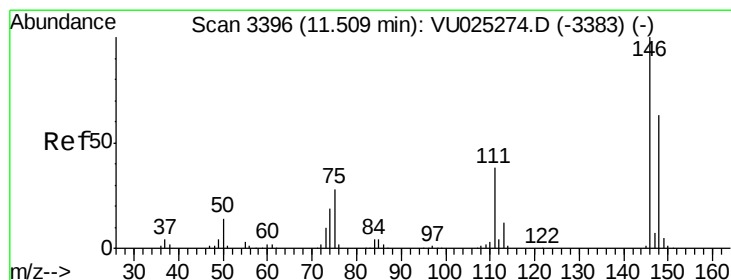
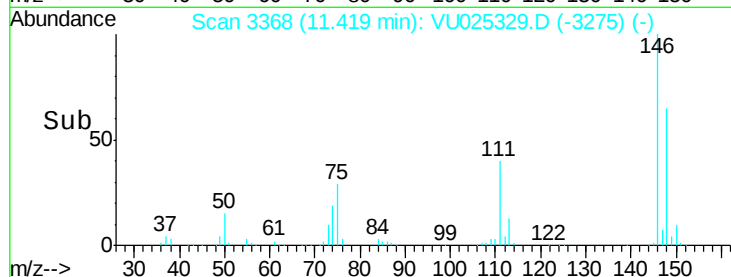
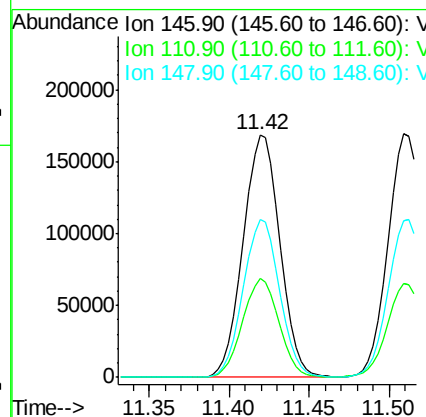
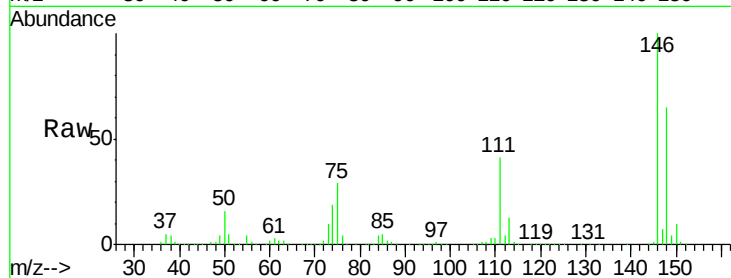




#87
 1,3-Dichlorobenzene
 Concen: 48.93 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

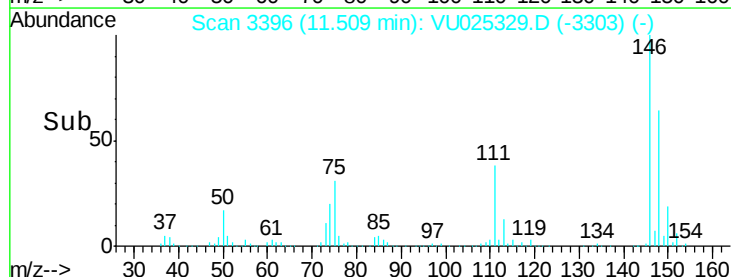
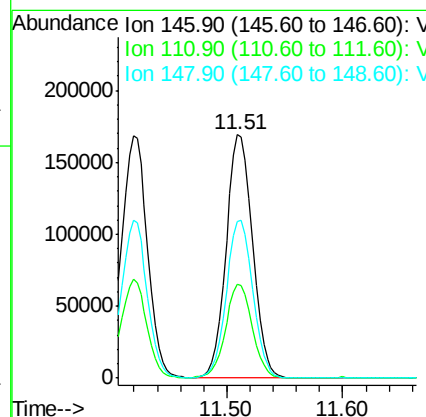
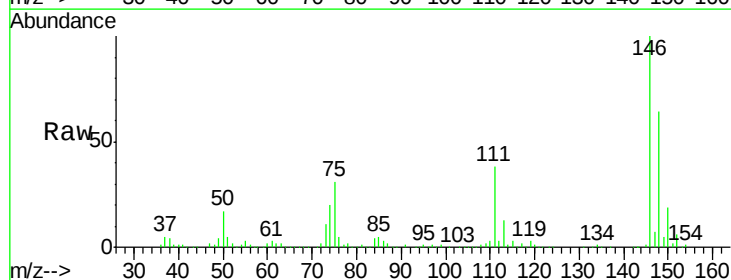
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

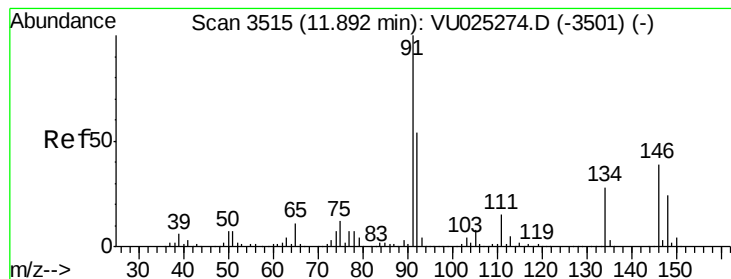
Tot Ion:146 Resp: 265170
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.1
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.72 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Tgt Ion:146 Resp: 268626
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 50.49 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

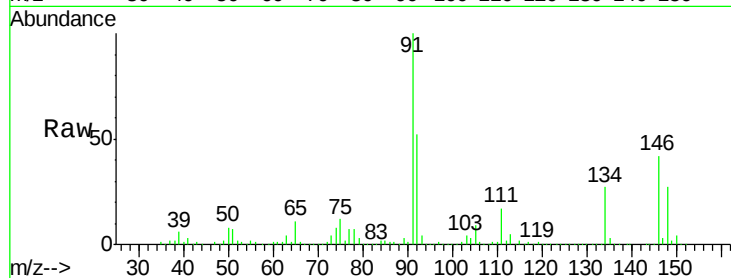
Tot Ion: 91 Resp: 426534

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

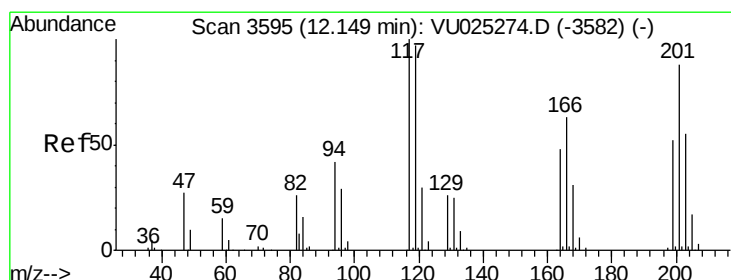
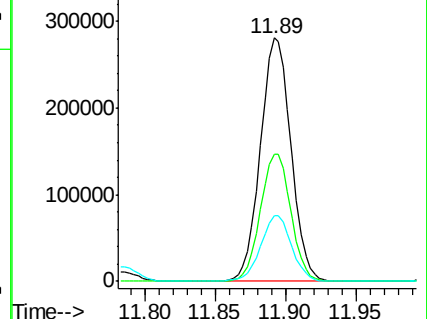
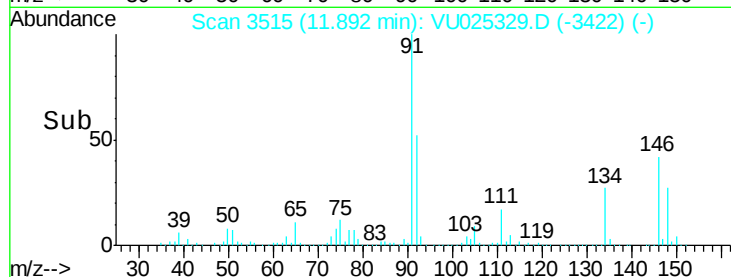
134 27.4 13.6 40.7



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: 50.80 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025329.D

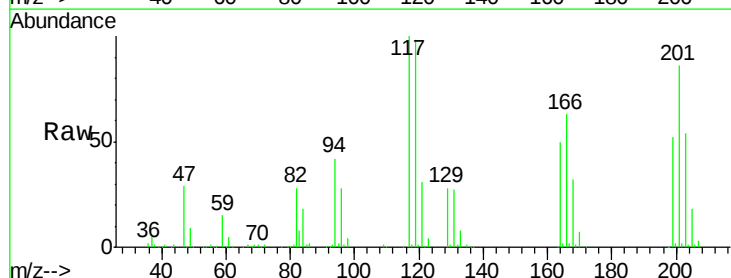
Acq: 11 Jul 2018 21:09

Tgt Ion: 117 Resp: 88386

Ion Ratio Lower Upper

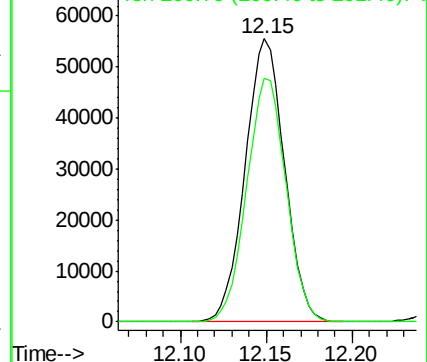
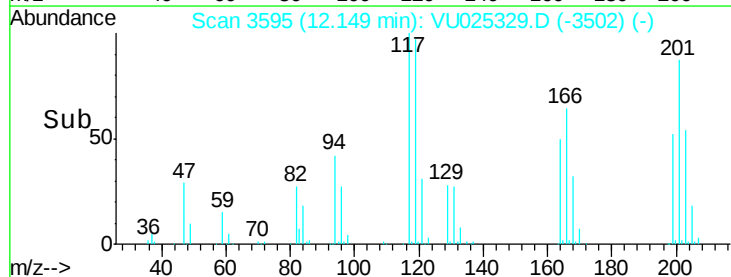
117 100

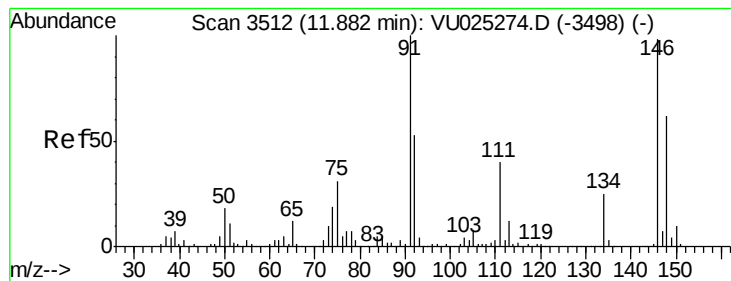
201 86.0 42.5 127.6



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: 50.46 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

Instrument :

MSVOA_U

ClientSampleId :

SS037MW036-180709MSD

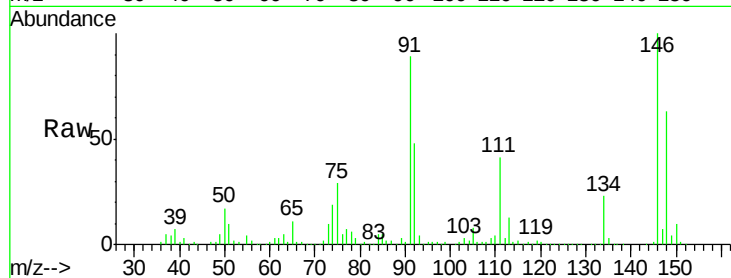
Tot Ion:146 Resp: 276201

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.8

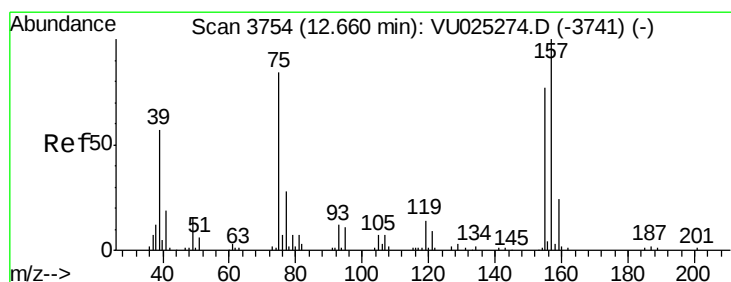
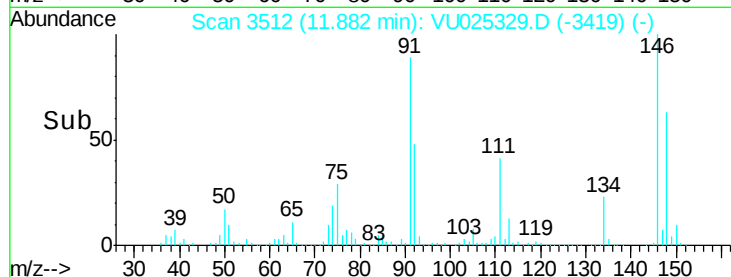
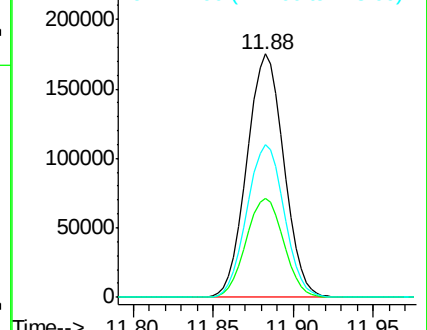
148 63.6 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.85 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU025329.D

Acq: 11 Jul 2018 21:09

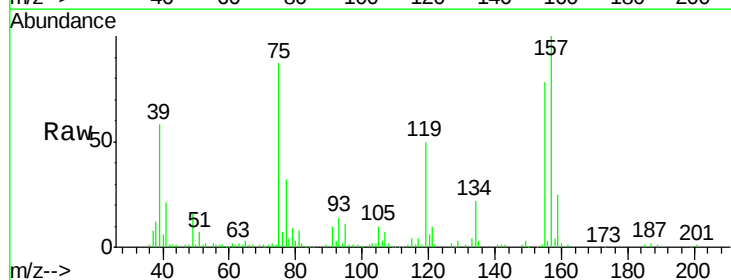
Tgt Ion: 75 Resp: 50451

Ion Ratio Lower Upper

75 100

155 92.2 44.5 133.3

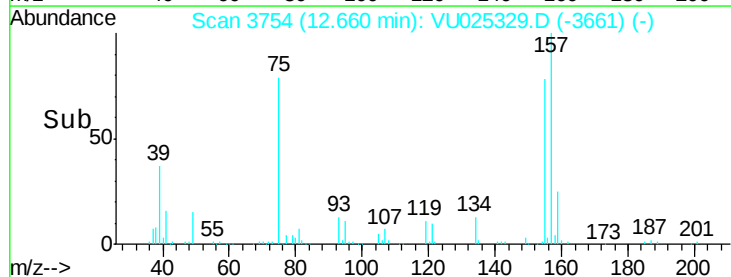
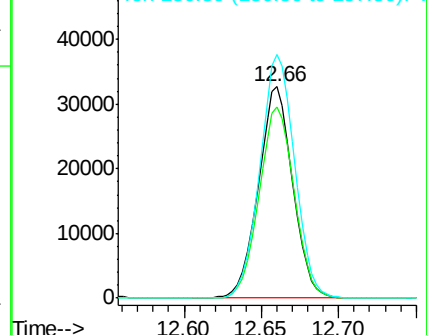
157 116.4 57.0 170.8

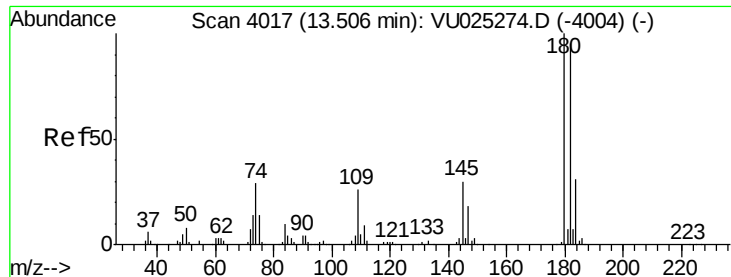


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

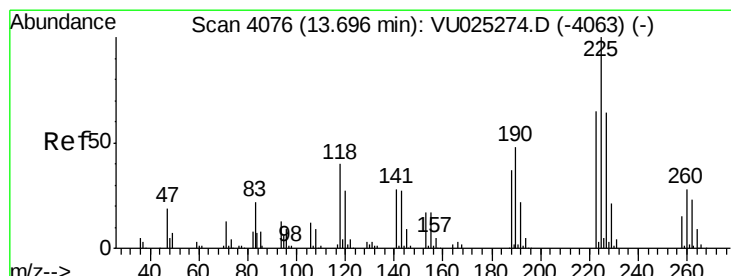
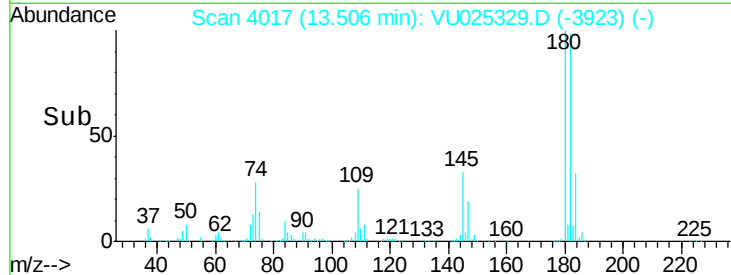
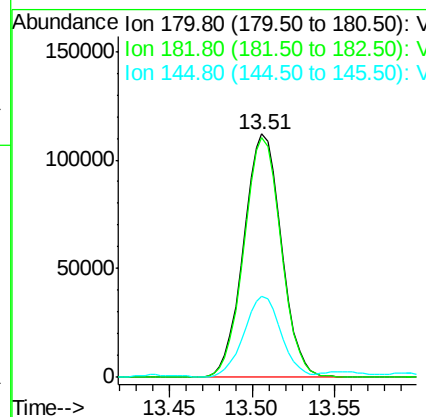
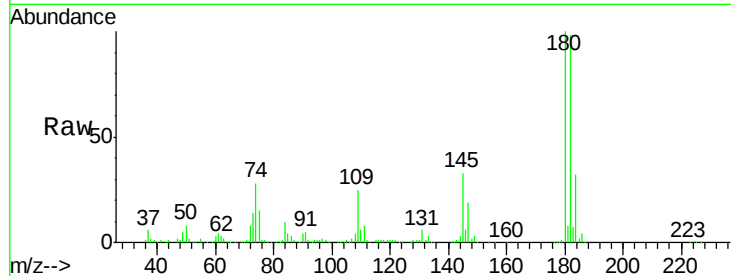




#93
 1,2,4-Trichlorobenzene
 Concen: 48.49 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

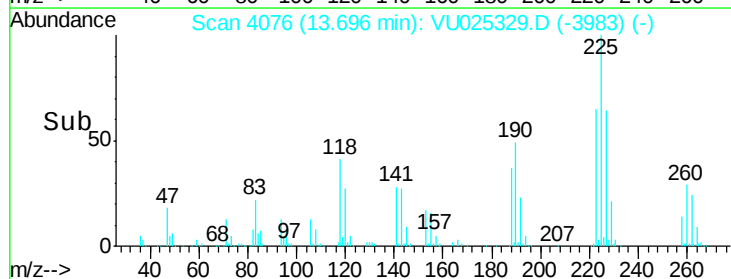
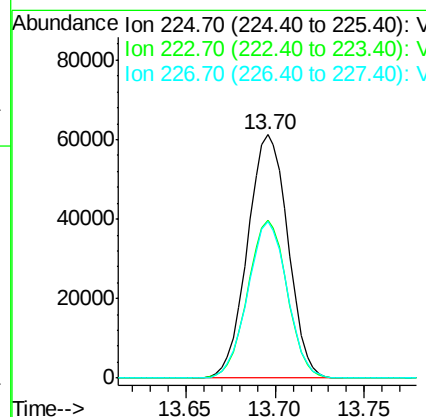
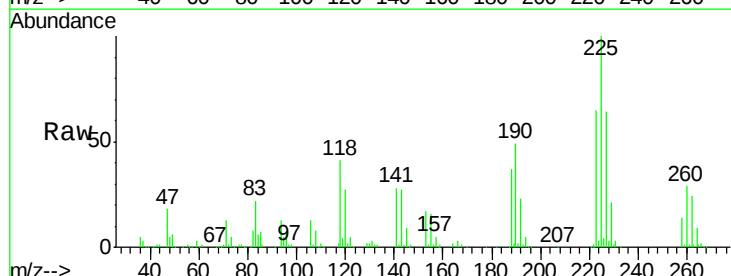
Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MSD

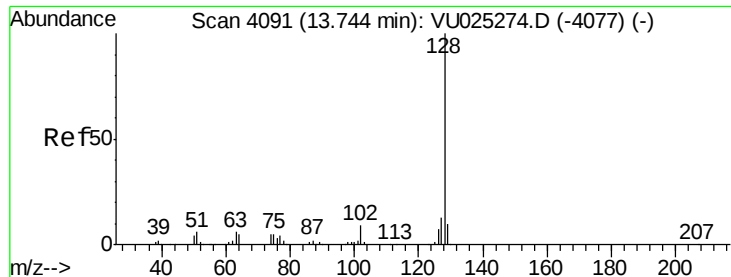
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.3	141.9
145	32.2	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 49.32 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025329.D
 Acq: 11 Jul 2018 21:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	63.0	32.3	96.9

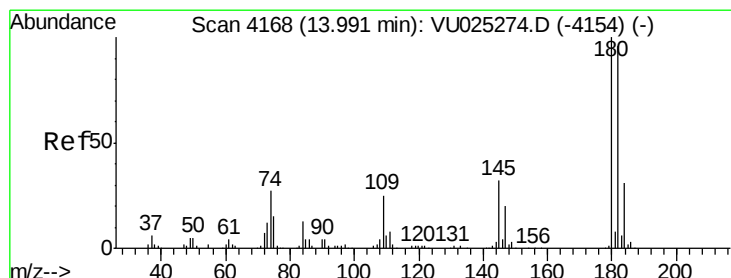
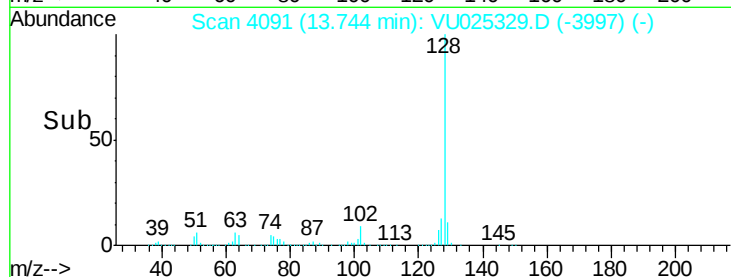
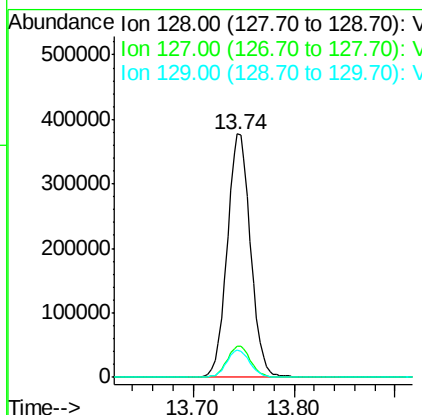
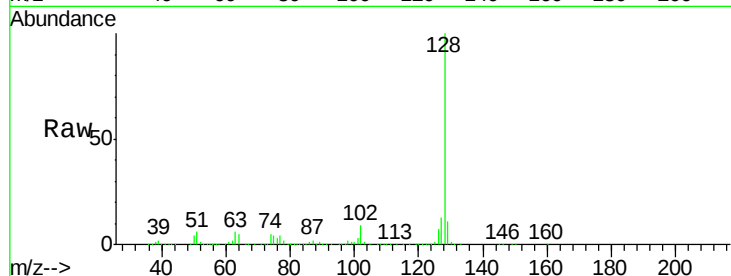




#95
Naphthalene
Concen: 54.52 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Instrument :
MSVOA_U
ClientSampleId :
SS037MW036-180709MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.2	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 50.85 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025329.D
Acq: 11 Jul 2018 21:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.3
145	34.6	15.6	46.8

