

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025296.D
 Acq On : 10 Jul 2018 18:06
 Operator : MD/SY
 Sample : J3898-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW150-180704

Quant Time: Jul 11 02:04:08 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	210122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311427	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156369	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	4.89	113	123318	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	7.57	98	454398	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	10.31	95	171755	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	604	0.84	ug/l	# 87
5) Bromomethane	1.63	94	633	Below	Cal	82
6) Chloroethane	1.66	64	20	0.30	ug/l	# 43
10) Methyl Iodide	2.43	142	312	7.81	ug/l	# 39
11) Tert butyl alcohol	2.83	59	2025	2.84	ug/l	# 73
14) Allyl chloride	2.71	41	36859	9.54	ug/l	# 57
16) Acetone	2.32	43	35551	25.79	ug/l	96
17) Carbon Disulfide	2.48	76	2104	2.26	ug/l	# 92
18) Methyl Acetate	2.71	43	86200	25.79	ug/l	# 52
20) Methylene Chloride	2.71	84	385	0.84	ug/l	# 1
25) 2-Butanone	4.23	43	9558	4.22	ug/l	# 49
31) Cyclohexane	4.99	56	5346	2.02	ug/l	# 37
36) 1,1-Dichloropropene	4.99	75	14430	4.17	ug/l	# 49
37) Ethyl Acetate	4.23	43	9558	2.48	ug/l	# 75
38) Carbon Tetrachloride	4.99	117	19438	5.22	ug/l	# 15
39) Methylcyclohexane	6.40	83	22643	5.24	ug/l	# 35
43) Isopropyl Acetate	5.54	43	126316	20.43	ug/l	# 61
47) Bromodichloromethane	6.74	83	2707	0.77	ug/l	# 96
48) Methyl methacrylate	6.59	41	38177	12.39	ug/l	# 35
55) 1,1,2-Trichloroethane	8.05	97	9444	3.57	ug/l	# 18
56) Ethyl methacrylate	8.05	69	1846	0.45	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	7.05	63	1466	11.82	ug/l	# 47
59) 2-Hexanone	8.39	43	2188	0.67	ug/l	80
65) Chlorobenzene	9.12	112	30382	4.20	ug/l	98
73) Isopropylbenzene	10.17	105	48711	4.04	ug/l	99
74) N-amyl acetate	10.01	43	1760	1.62	ug/l	# 36
75) 1,1,2,2-Tetrachloroethane	10.49	83	9395	2.38	ug/l	# 38
76) 1,2,3-Trichloropropane	10.31	75	86806	27.05	ug/l	# 38
78) n-propylbenzene	10.59	91	3617	0.27	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.31	75	86806	69.03	ug/l	# 100
83) tert-Butylbenzene	11.10	119	77530	7.56	ug/l	93
84) 1,2,4-Trimethylbenzene	11.33	105	215126	20.69	ug/l	# 32
85) sec-Butylbenzene	11.33	105	215126	17.82	ug/l	93
86) p-Isopropyltoluene	11.69	119	326890	30.58	ug/l	97

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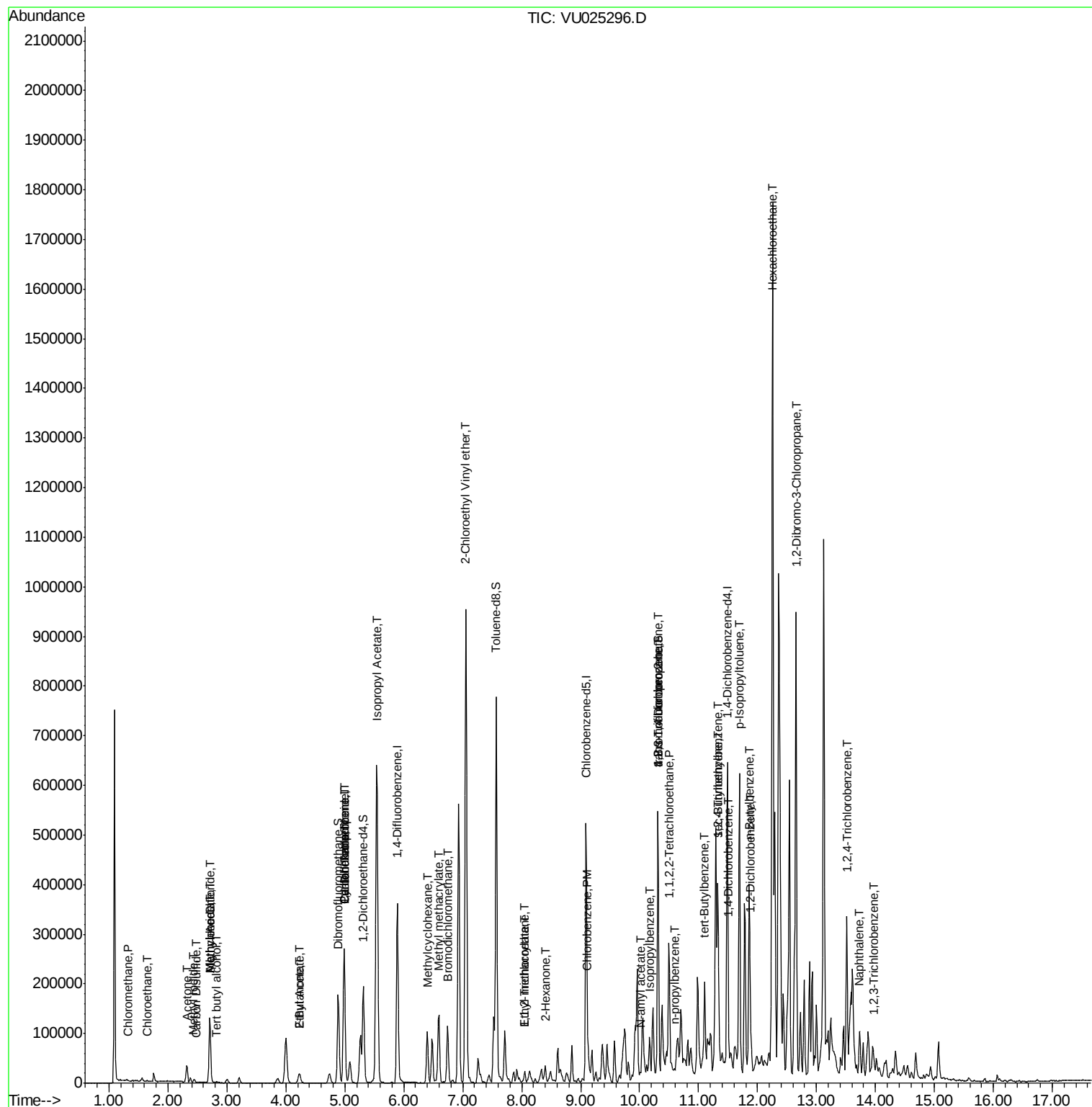
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.51	146	2343	1.90	ug/l #	51
89) n-Butylbenzene	11.87	91	9901	1.13	ug/l #	35
90) Hexachloroethane	12.26	117	85465	47.21	ug/l #	7
91) 1,2-Dichlorobenzene	11.88	146	1682	0.30	ug/l #	71
92) 1,2-Dibromo-3-Chloropropan	12.65	75	4591	4.80	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.51	180	106	3.31	ug/l #	1
95) Naphthalene	13.73	128	7929	3.06	ug/l #	1
96) 1,2,3-Trichlorobenzene	13.98	180	80	2.55	ug/l #	69

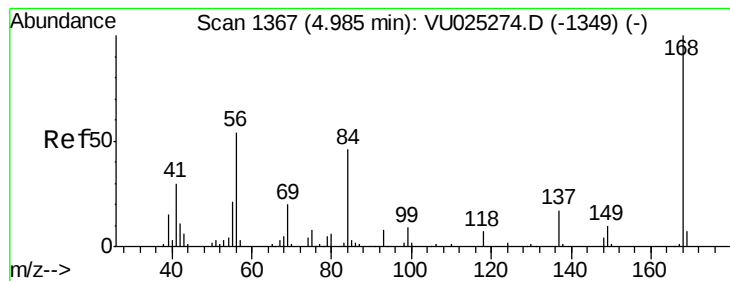
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

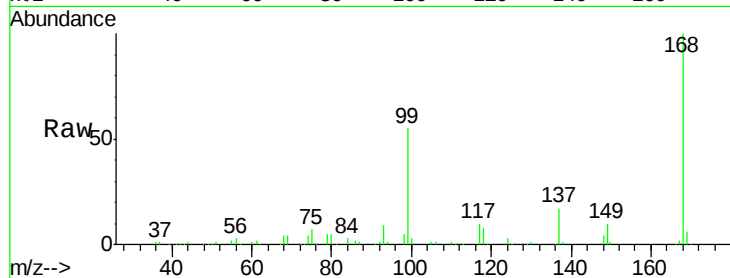
SS038RW150-180704

Tot Ion:168 Resp: 210122

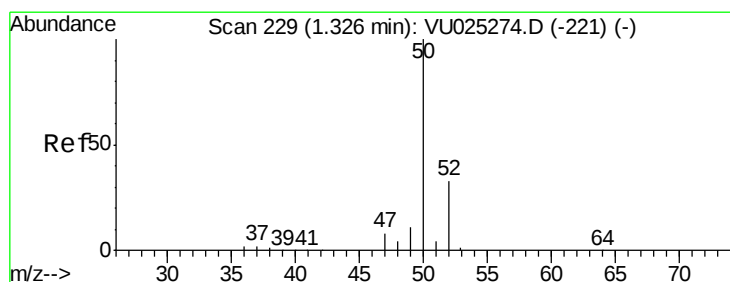
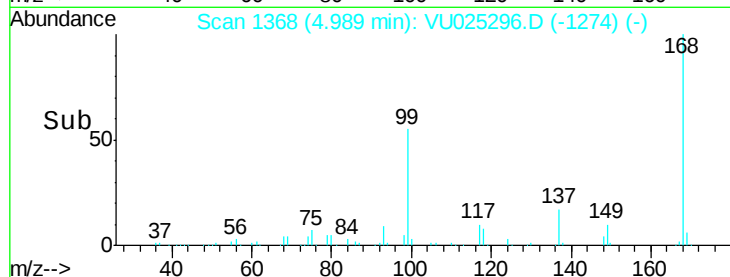
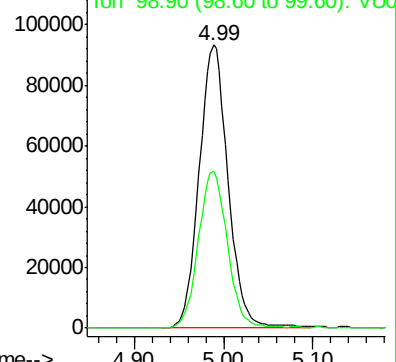
Ion Ratio Lower Upper

168 100

99 55.2 42.8 64.2



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



#3

Chloromethane

Concen: 0.84 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025296.D

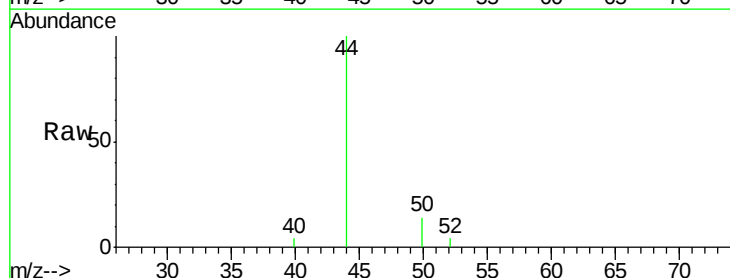
Acq: 10 Jul 2018 18:06

Tgt Ion: 50 Resp: 604

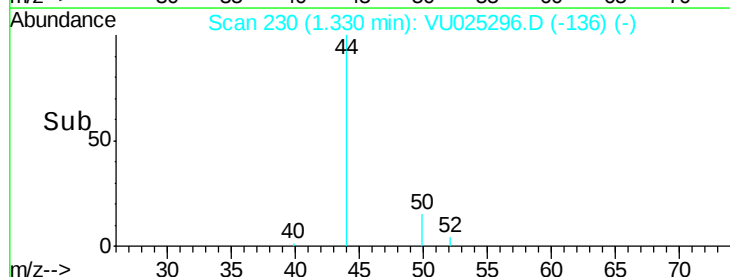
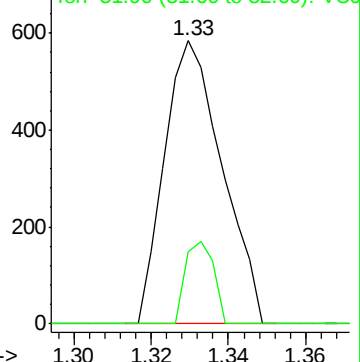
Ion Ratio Lower Upper

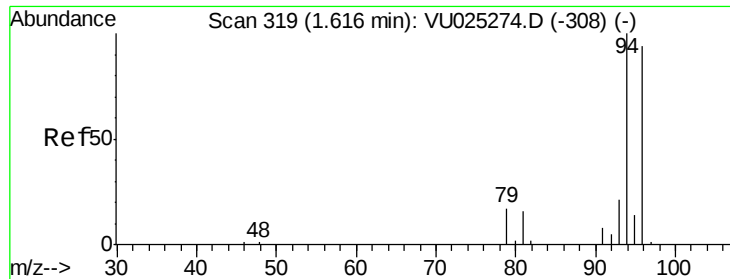
50 100

52 25.5 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)

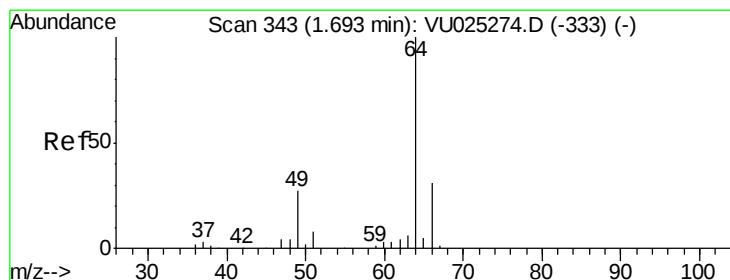
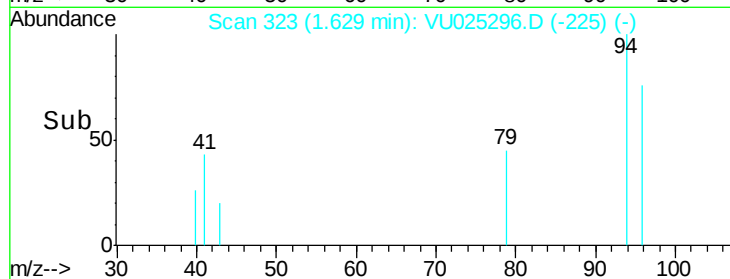
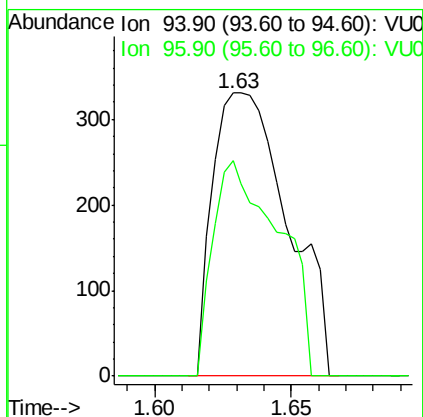
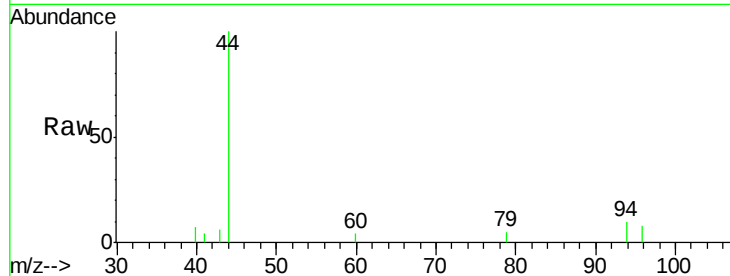




#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 323
Delta R.T. 0.01 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

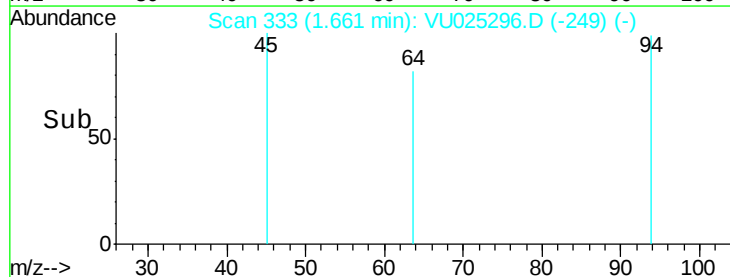
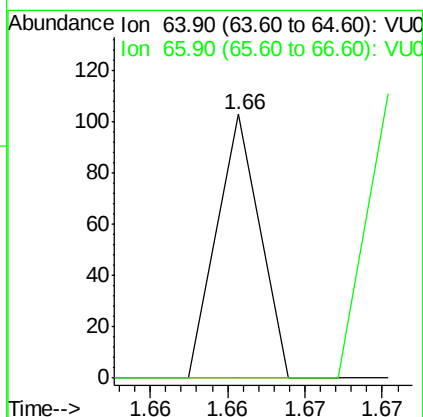
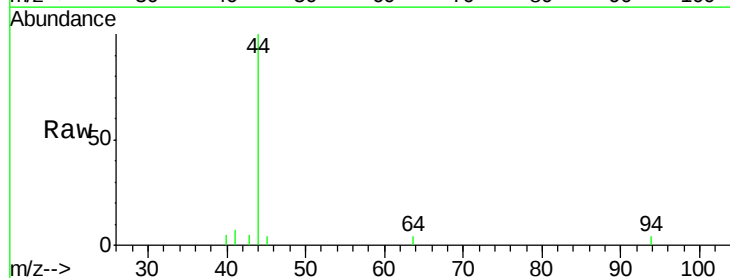
Instrument :
MSVOA_U
ClientSampleId :
SS038RW150-180704

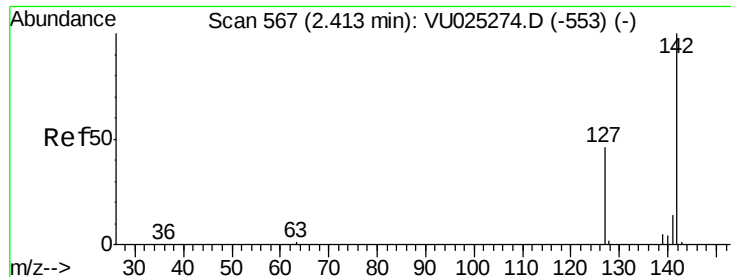
Tot Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 76.1 75.0 112.4



#6
Chloroethane
Concen: 0.30 ug/l
RT: 1.66 min Scan# 333
Delta R.T. -0.03 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

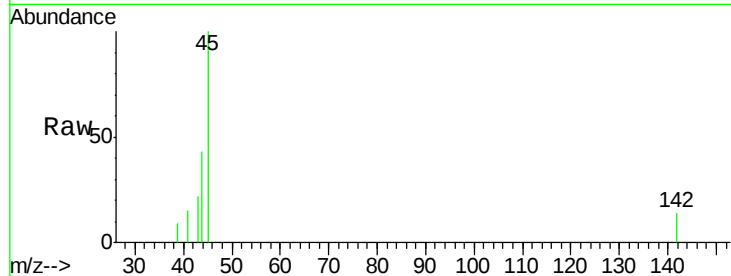




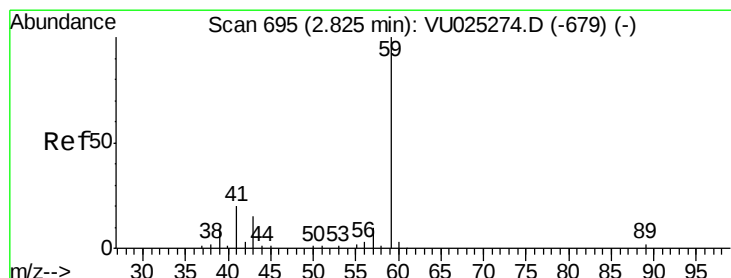
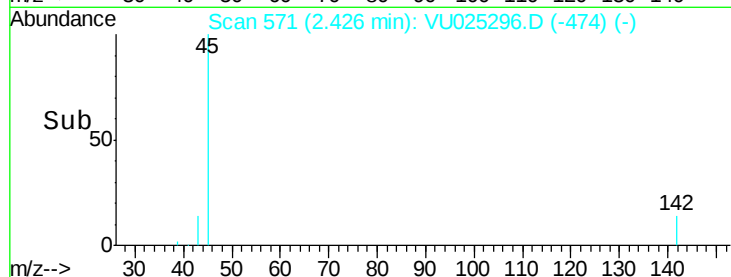
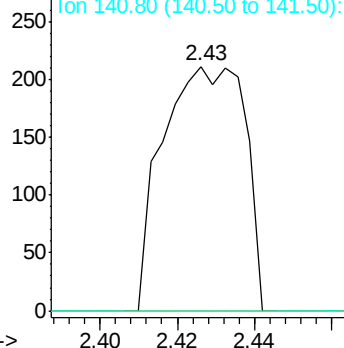
#10
Methvl Iodide
Concen: 7.81 ug/l
RT: 2.43 min Scan# 571
Delta R.T. 0.01 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Instrument :
MSVOA_U
ClientSampleId :
SS038RW150-180704

Tot Ion:142 Resp: 312
Ion Ratio Lower Upper
142 100
127 0.0 36.5 54.7#
141 0.0 11.4 17.2#

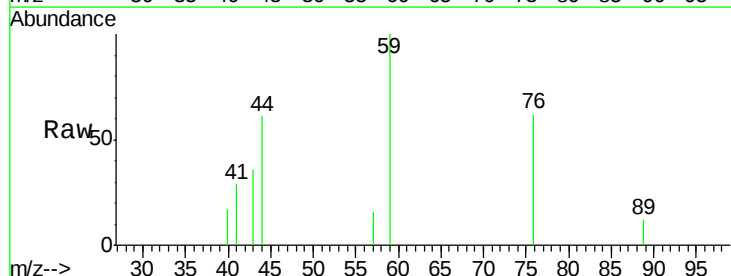


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

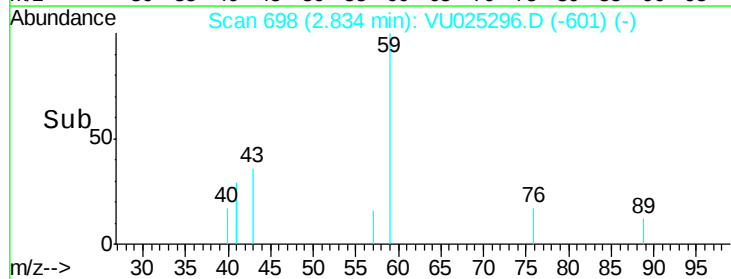
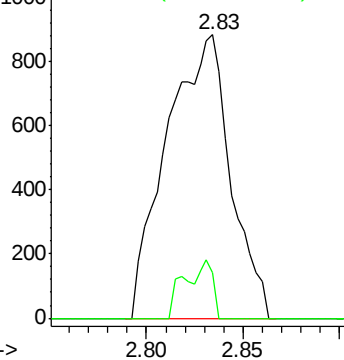


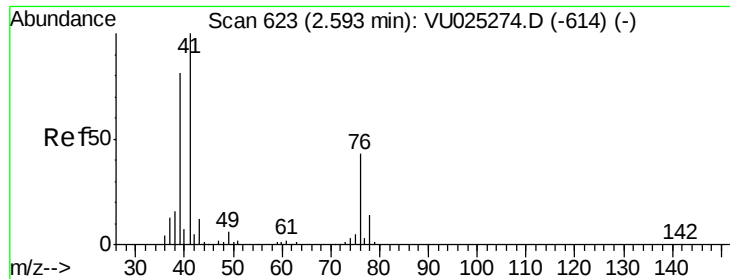
#11
Tert butyl alcohol
Concen: 2.84 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Tgt Ion: 59 Resp: 2025
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#14

Allvl chloride

Concen: 9.54 ug/l

RT: 2.71 min Scan# 659

Delta R.T. 0.12 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

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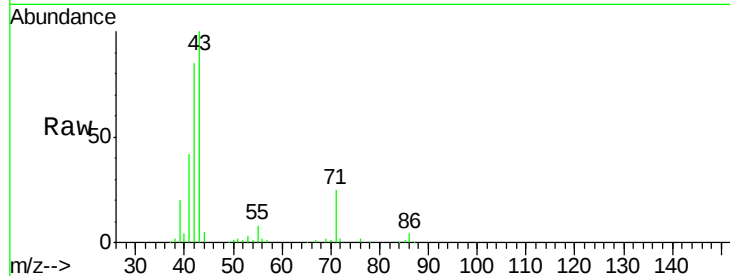
Tot Ion: 41 Resp: 36859

Ion Ratio Lower Upper

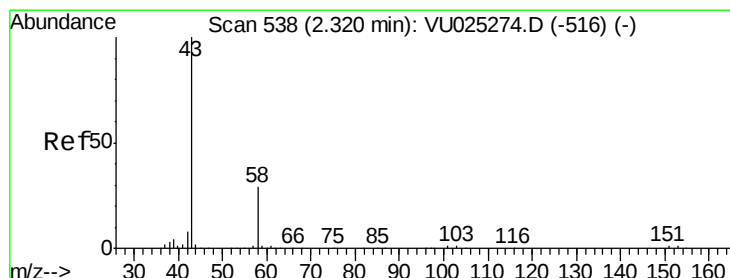
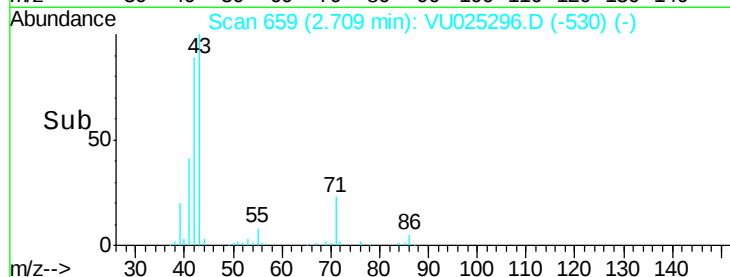
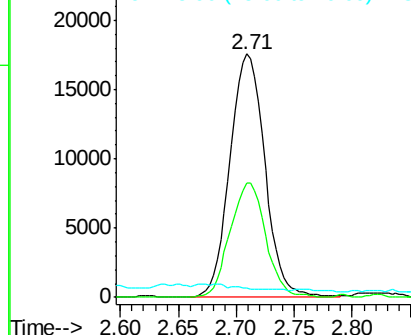
41 100

39 47.8 60.6 91.0#

76 0.0 30.5 45.7#



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 75.90 (75.60 to 76.60): VU0



#16

Acetone

Concen: 25.79 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025296.D

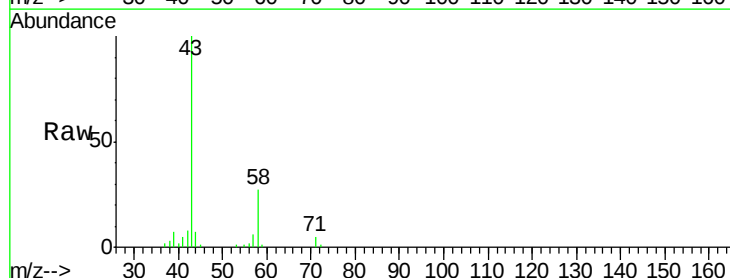
Acq: 10 Jul 2018 18:06

Tgt Ion: 43 Resp: 35551

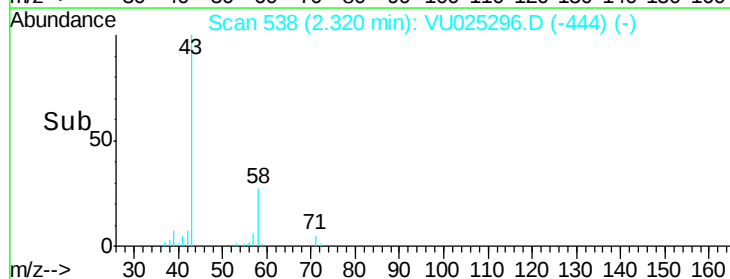
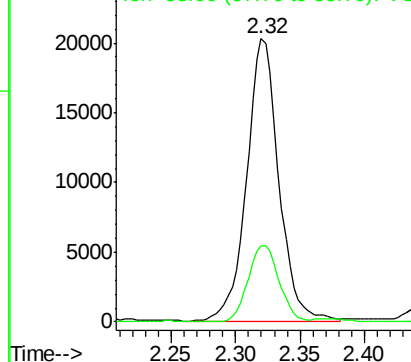
Ion Ratio Lower Upper

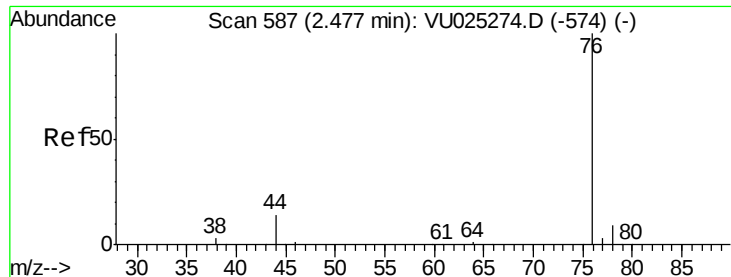
43 100

58 26.9 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: 2.26 ug/l

RT: 2.48 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

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ClientSampleId :

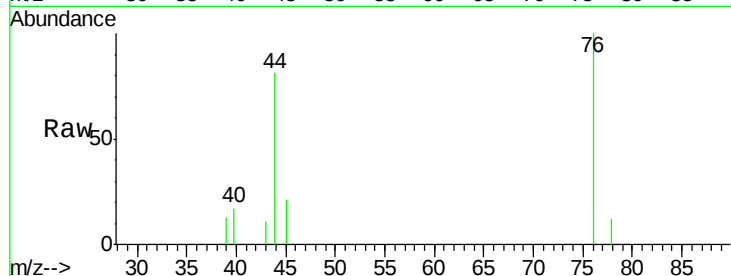
SS038RW150-180704

Tot Ion: 76 Resp: 2104

Ion Ratio Lower Upper

76 100

78 12.1 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

800

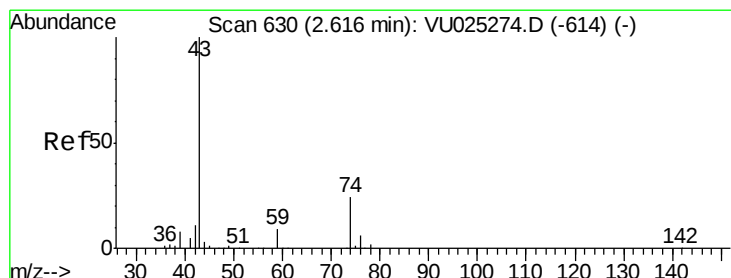
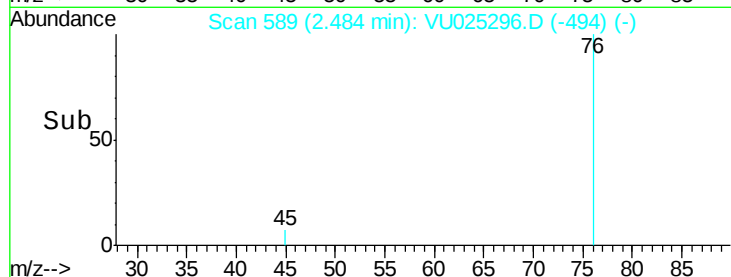
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 25.79 ug/l

RT: 2.71 min Scan# 659

Delta R.T. 0.09 min

Lab File: VU025296.D

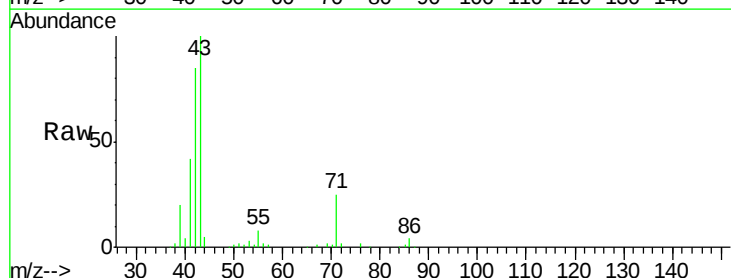
Acq: 10 Jul 2018 18:06

Tgt Ion: 43 Resp: 86200

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.71

40000

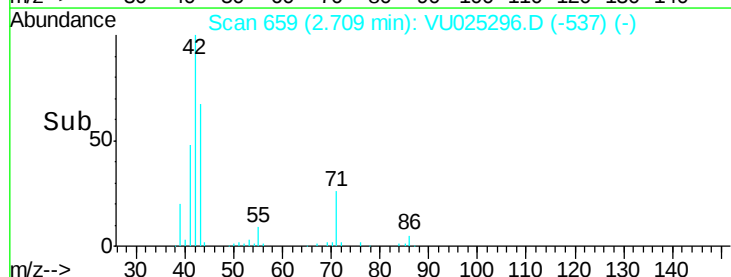
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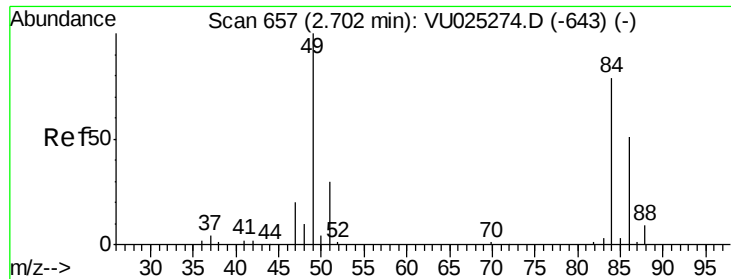
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10000

0

Time-->

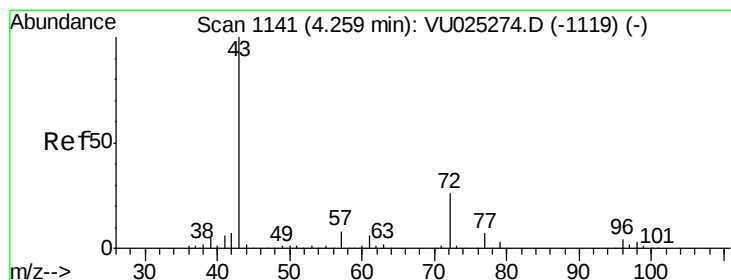
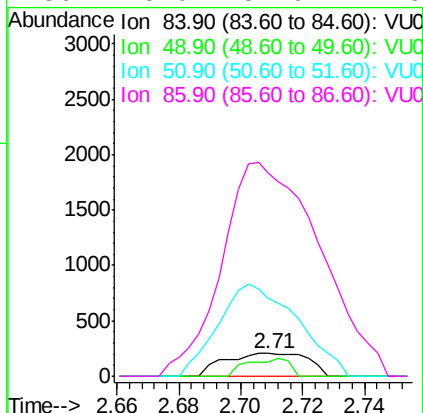
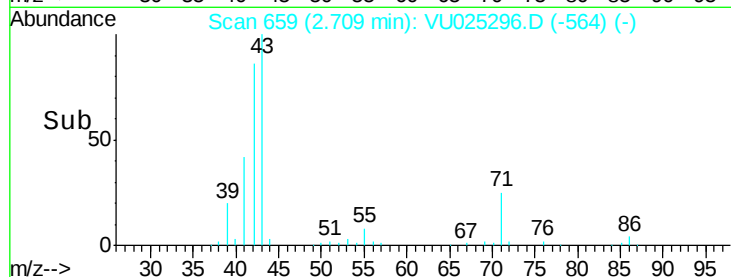
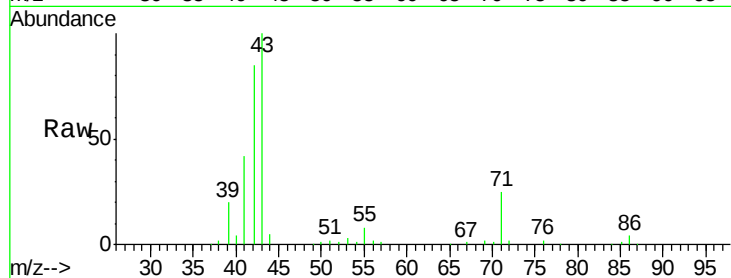




#20
Methvlene Chloride
Concen: 0.84 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.01 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

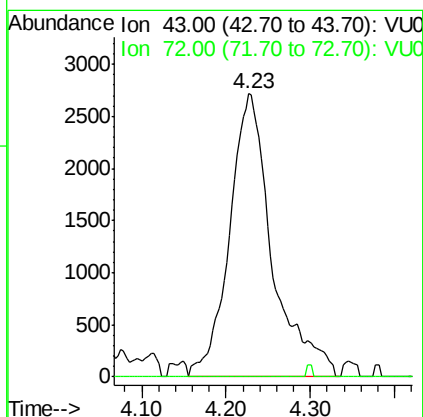
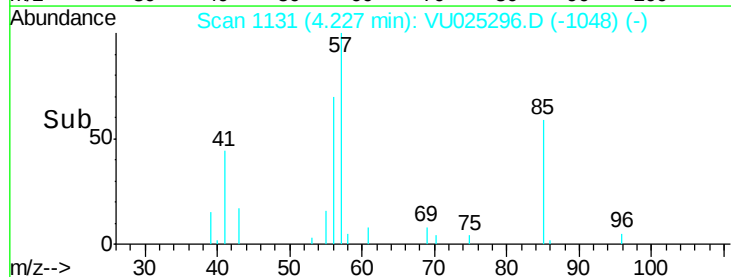
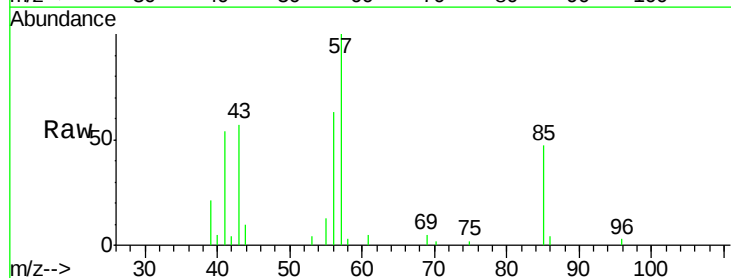
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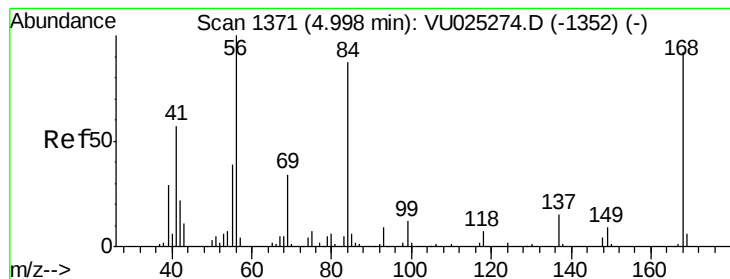
Tot Ion: 84 Resp: 385
Ion Ratio Lower Upper
84 100
49 65.2 101.8 152.6#
51 290.7 30.8 46.2#
86 776.0 51.9 77.9#



#25
2-Butanone
Concen: 4.22 ug/l
RT: 4.23 min Scan# 1131
Delta R.T. -0.03 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Tgt Ion: 43 Resp: 9558
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#





#31

Cyclohexane

Concen: 2.02 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SS038RW150-180704

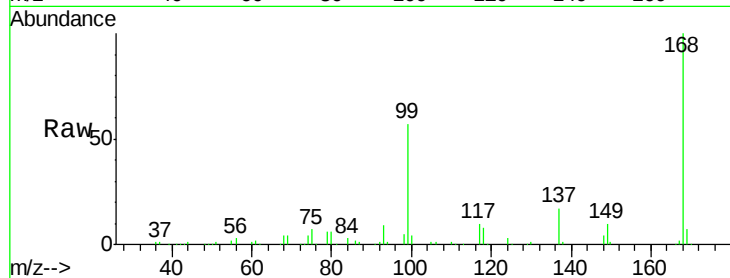
Tot Ion: 56 Resp: 5346

Ion Ratio Lower Upper

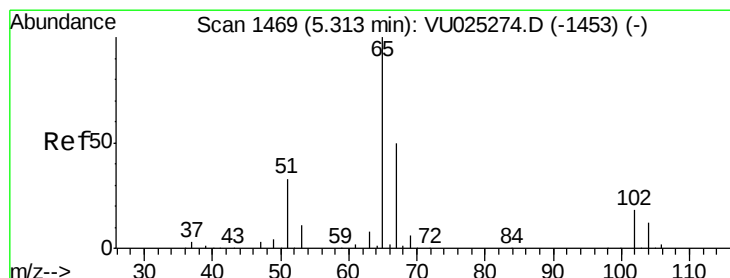
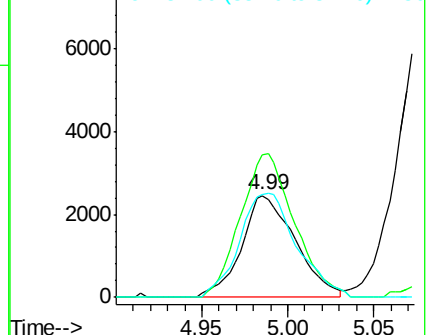
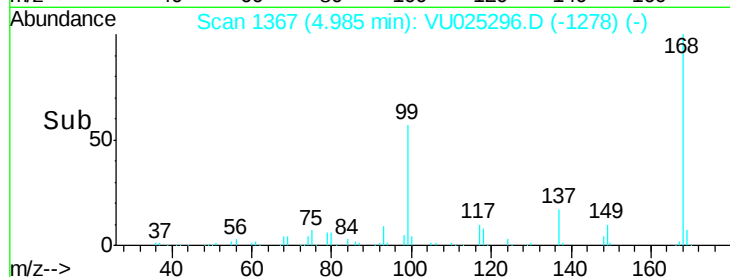
56 100

69 140.5 26.8 40.2#

84 101.1 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025296.D (-1278) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.90 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025296.D

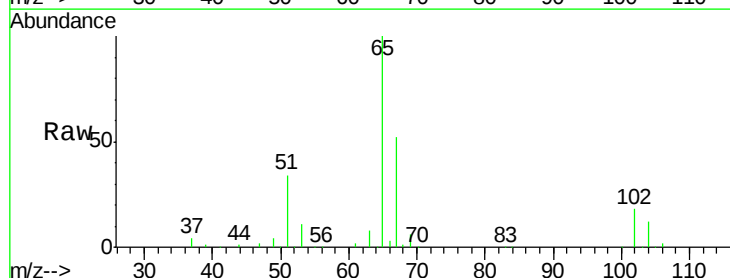
Acq: 10 Jul 2018 18:06

Tgt Ion: 65 Resp: 156369

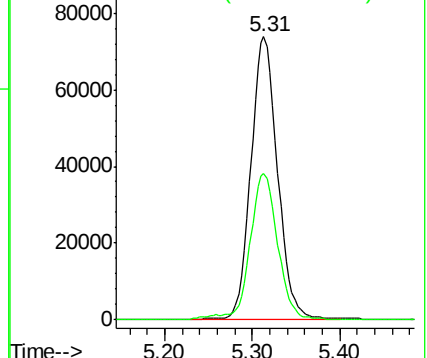
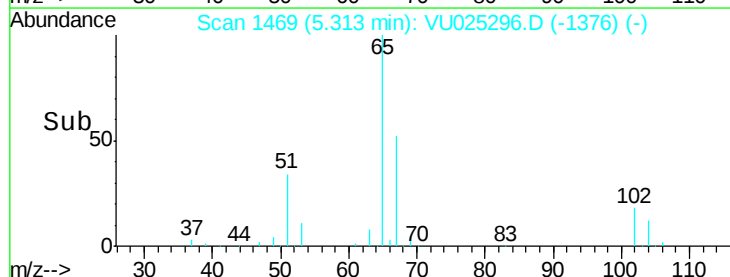
Ion Ratio Lower Upper

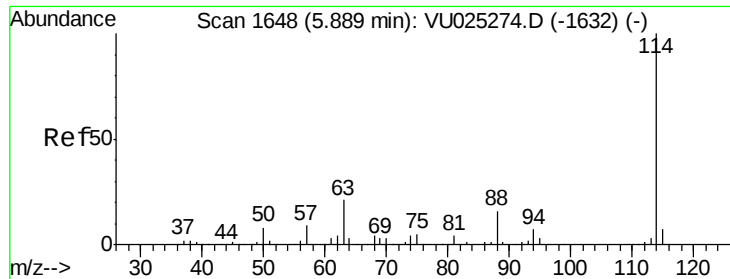
65 100

67 51.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025296.D (-1376) (-)

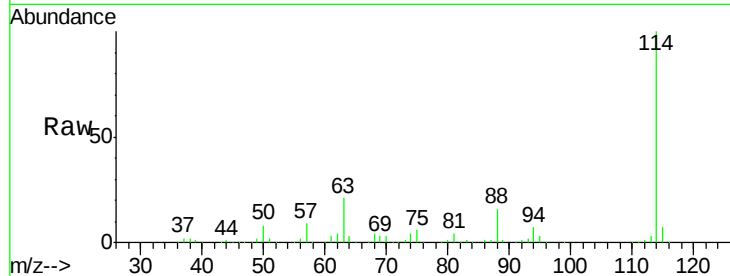




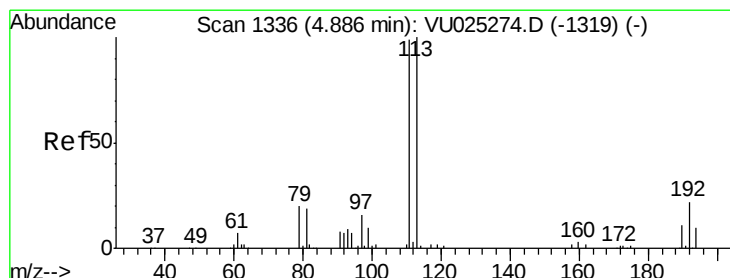
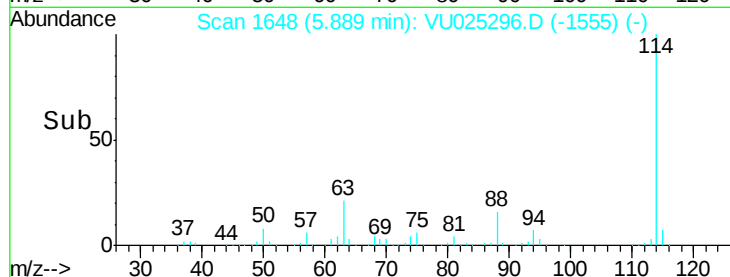
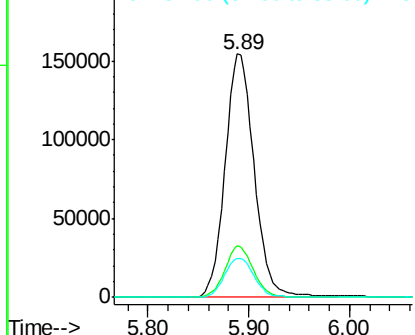
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Instrument :
MSVOA_U
ClientSampleId :
SS038RW150-180704

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	16.0	0.0	32.4

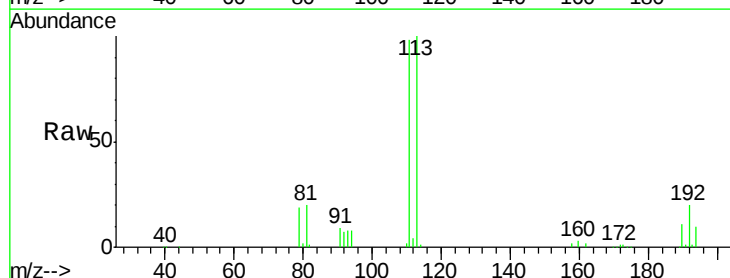


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

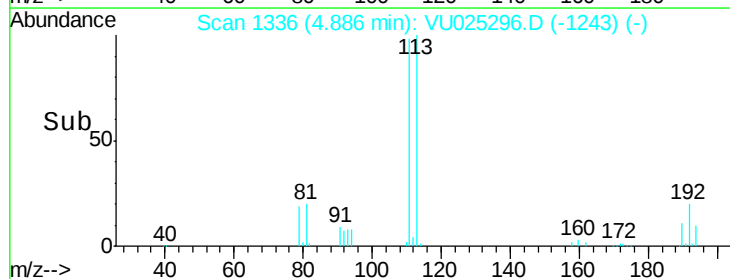
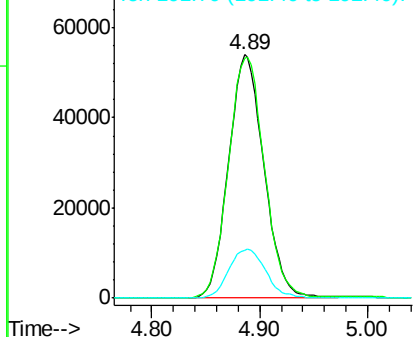


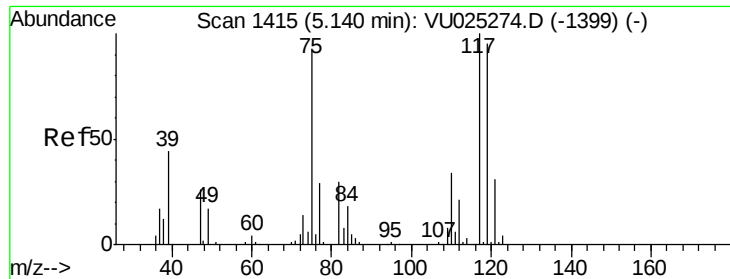
#35
Dibromofluoromethane
Concen: 46.94 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.7	122.5
192	21.0	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

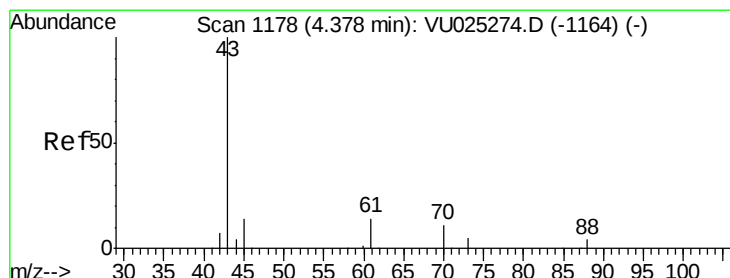
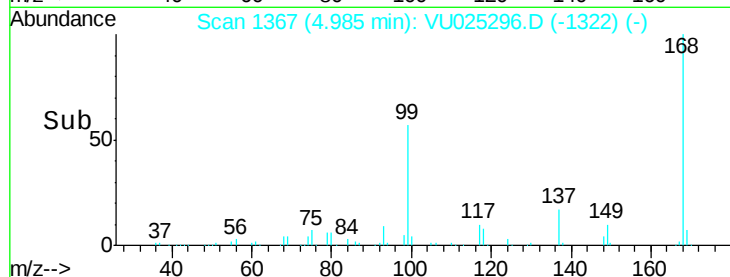
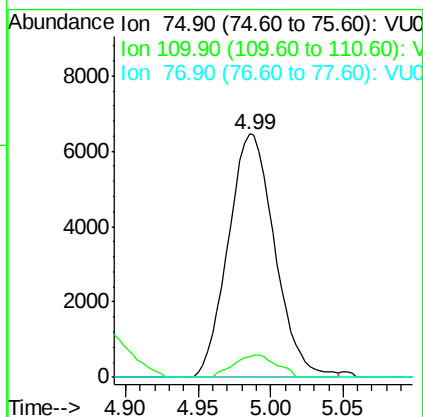
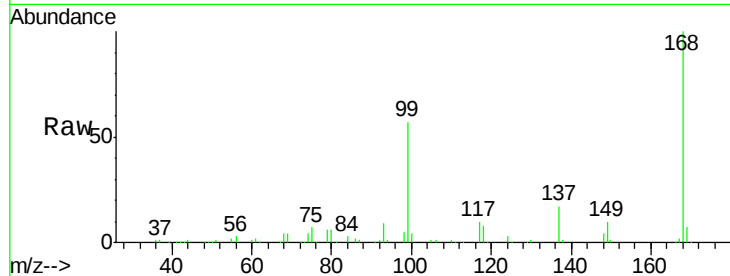




#36
 1,1-Dichloropropene
 Concen: 4.17 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

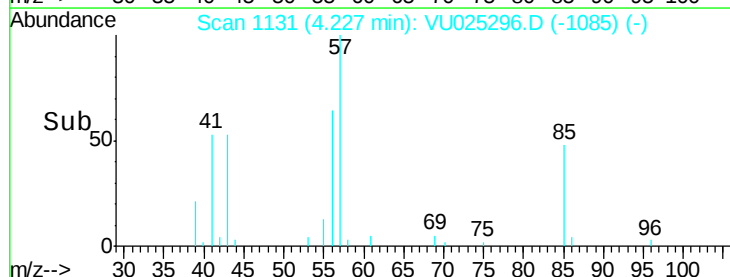
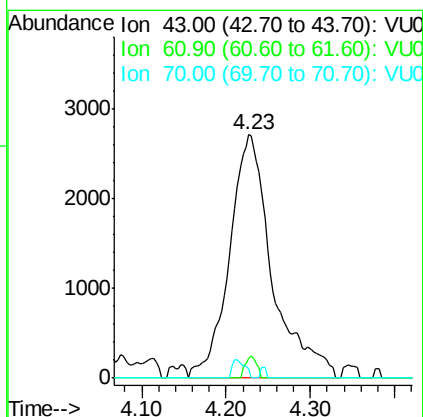
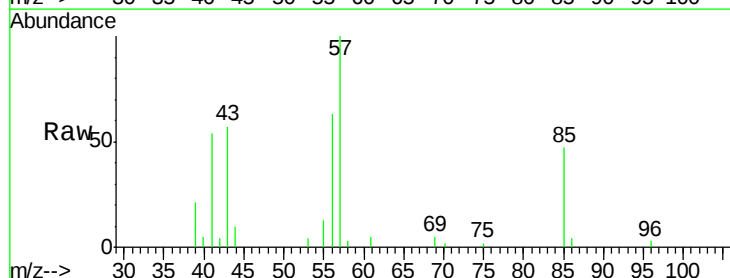
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW150-180704

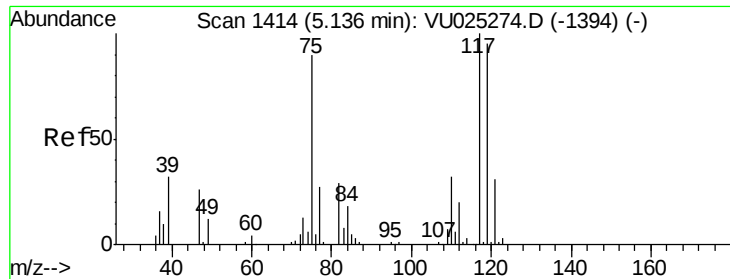
Tot Ion: 75 Resp: 14430
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.6 52.9#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 2.48 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.15 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

Tgt Ion: 43 Resp: 9558
 Ion Ratio Lower Upper
 43 100
 61 2.6 10.7 16.1#
 70 2.2 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 5.22 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SS038RW150-180704

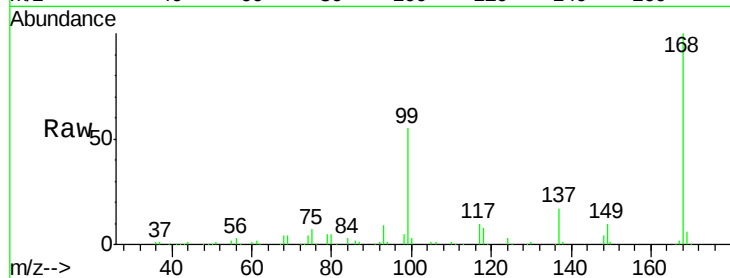
Tot Ion:117 Resp: 19438

Ion Ratio Lower Upper

117 100

119 3.3 75.7 113.5#

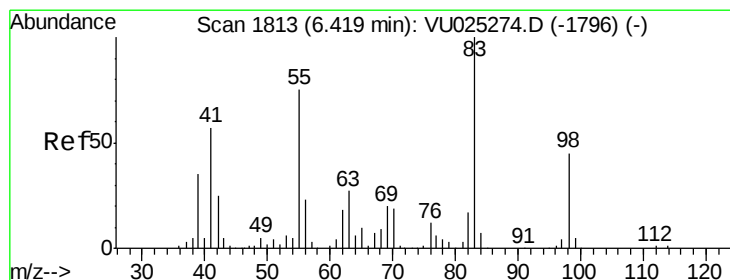
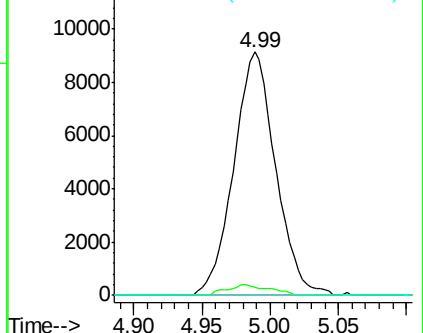
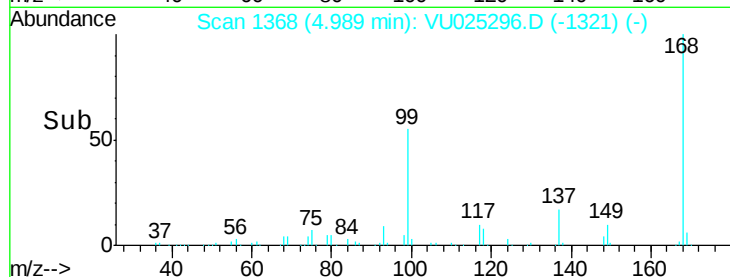
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.24 ug/l

RT: 6.40 min Scan# 1807

Delta R.T. -0.02 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

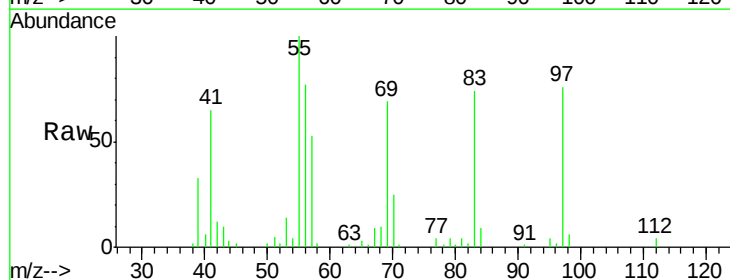
Tgt Ion: 83 Resp: 22643

Ion Ratio Lower Upper

83 100

55 134.7 60.0 90.0#

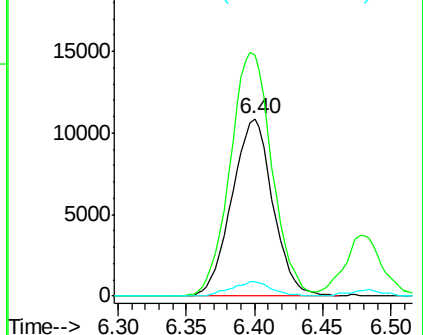
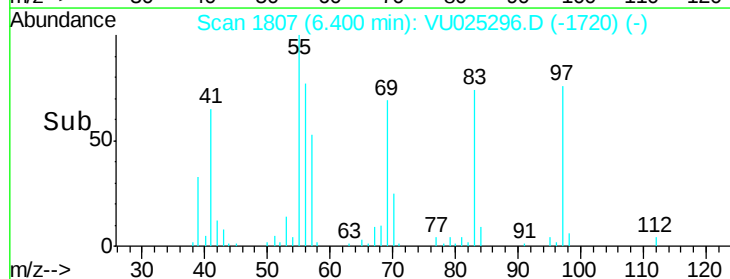
98 8.3 36.1 54.1#

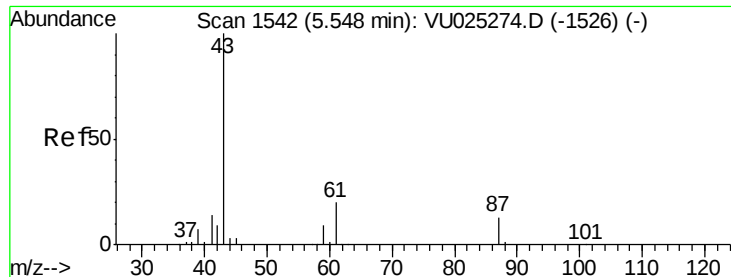


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#43

Isopropyl Acetate

Concen: 20.43 ug/l

RT: 5.54 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SS038RW150-180704

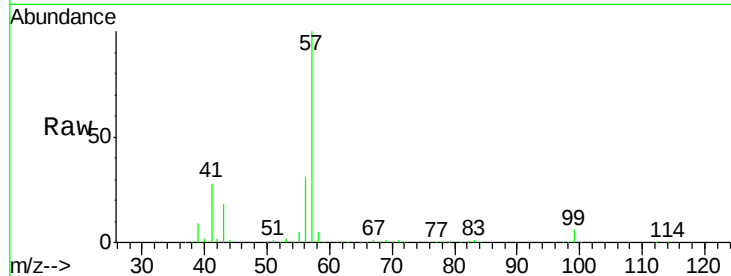
Tot Ion: 43 Resp: 126316

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

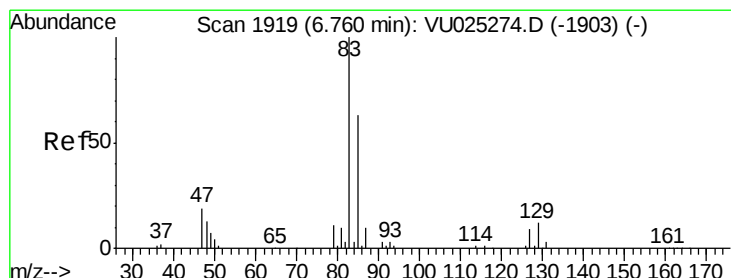
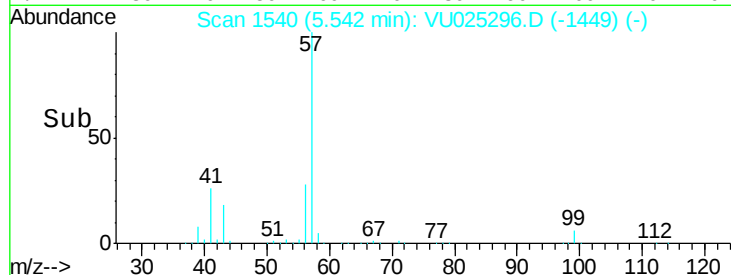
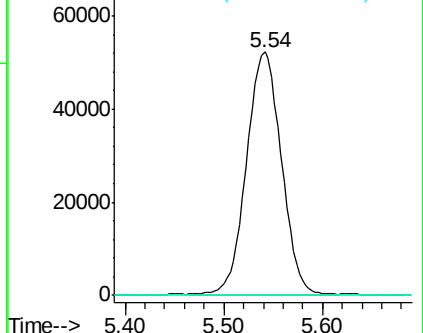
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#47

Bromodichloromethane

Concen: 0.77 ug/l

RT: 6.74 min Scan# 1913

Delta R.T. -0.02 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

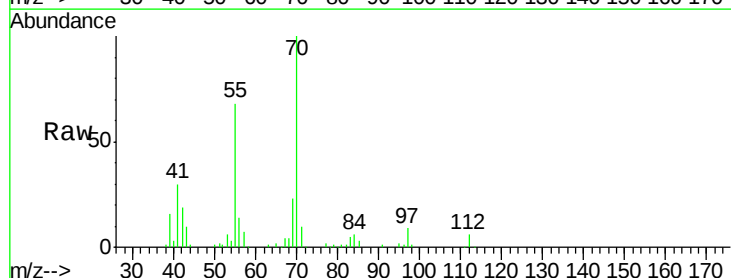
Tgt Ion: 83 Resp: 2707

Ion Ratio Lower Upper

83 100

85 62.2 50.2 75.4

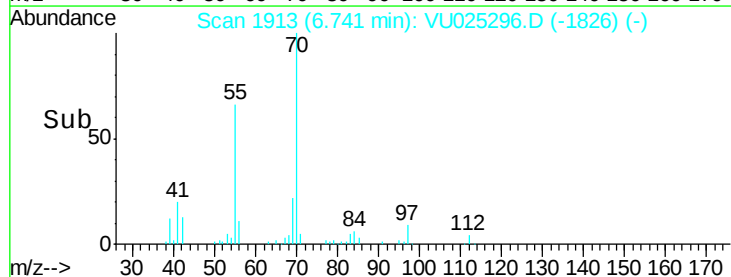
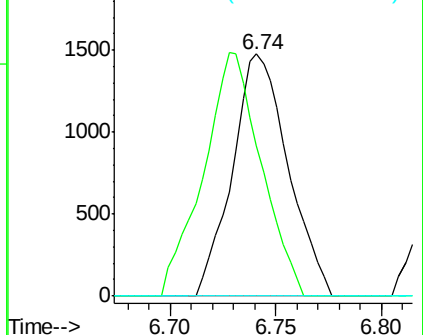
127 0.0 7.2 10.8#

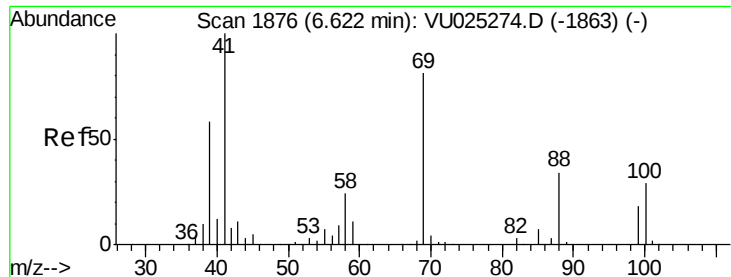


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V

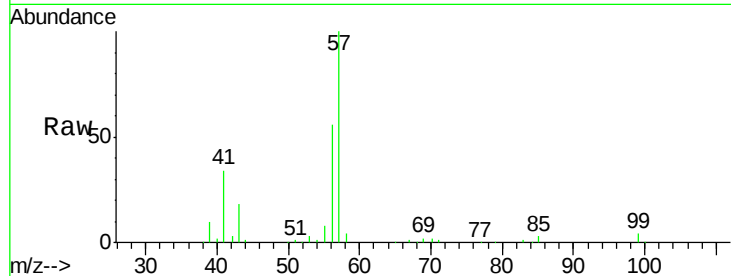




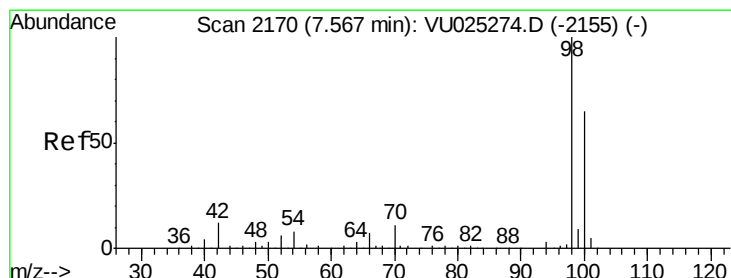
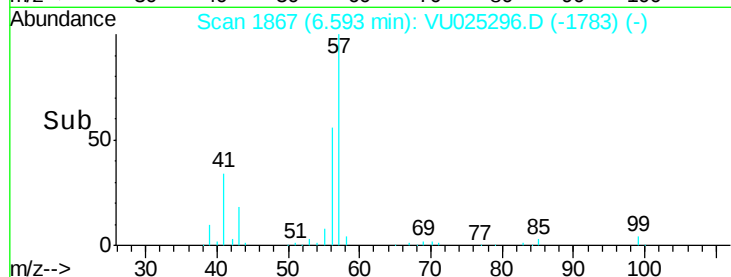
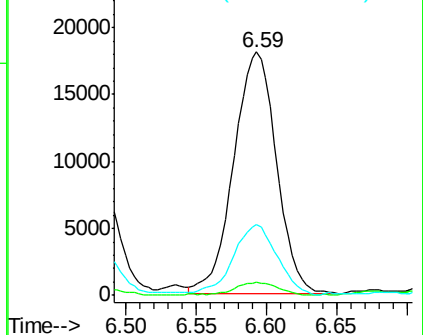
#48
Methvl methacrylate
Concen: 12.39 ug/l
RT: 6.59 min Scan# 1867
Delta R.T. -0.03 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Instrument :
MSVOA_U
ClientSampleId :
SS038RW150-180704

Tot Ion: 41 Resp: 38177
Ion Ratio Lower Upper
41 100
69 5.4 65.0 97.4#
39 30.5 46.4 69.6#

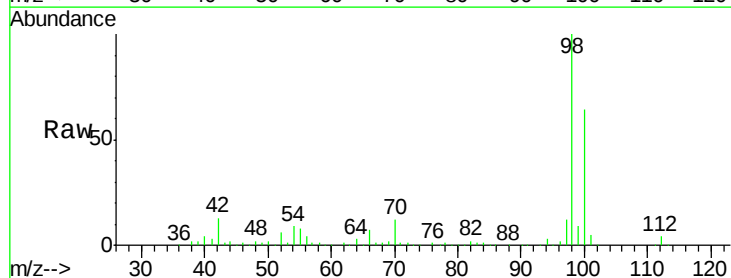


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

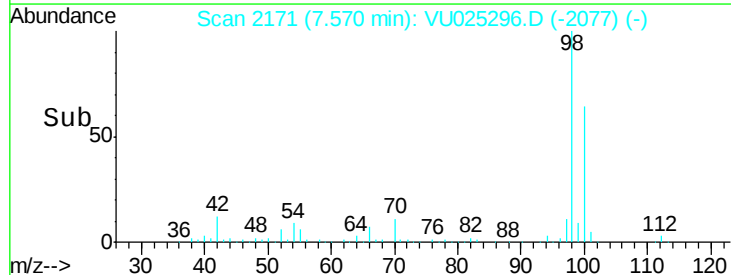
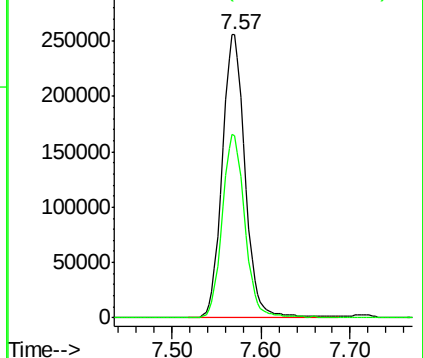


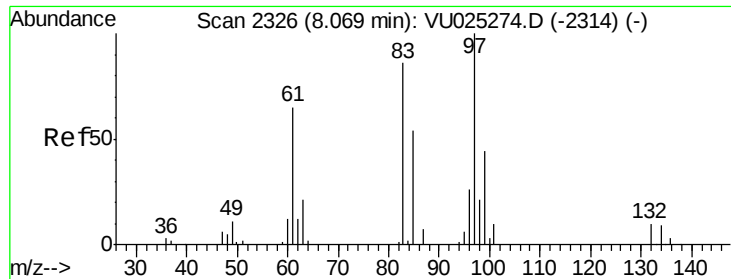
#50
Toluene-d8
Concen: 50.51 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Tgt Ion: 98 Resp: 454398
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

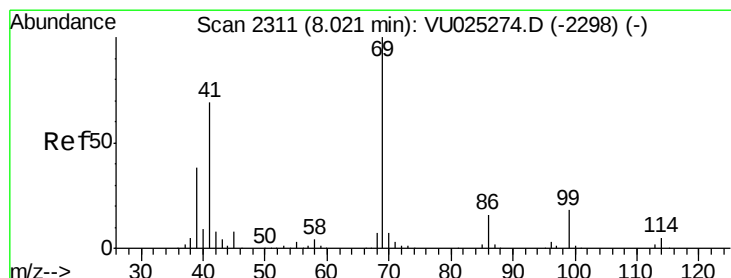
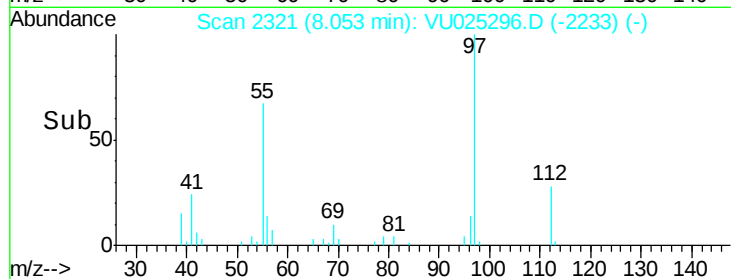
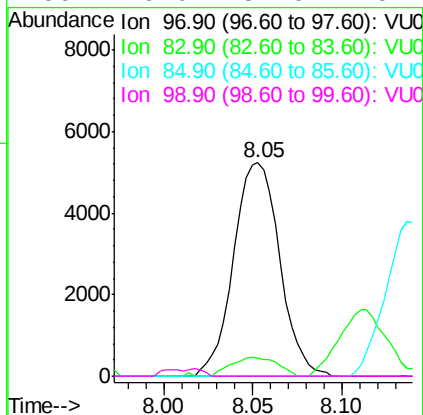
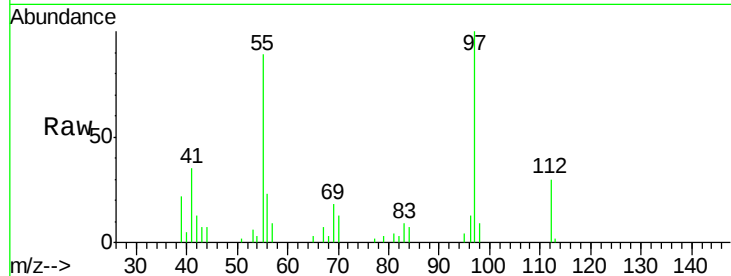




#55
 1,1,2-Trichloroethane
 Concen: 3.57 ug/l
 RT: 8.05 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

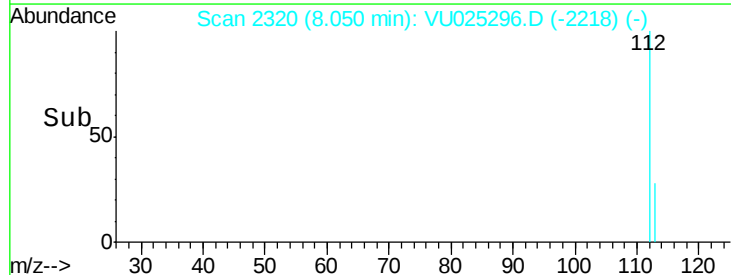
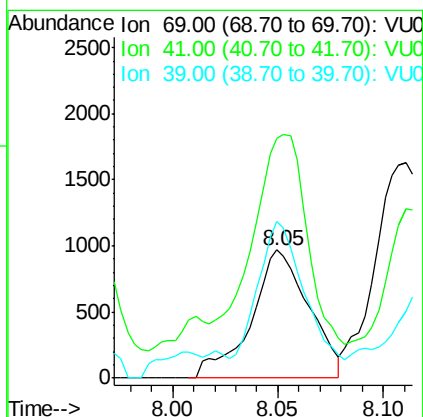
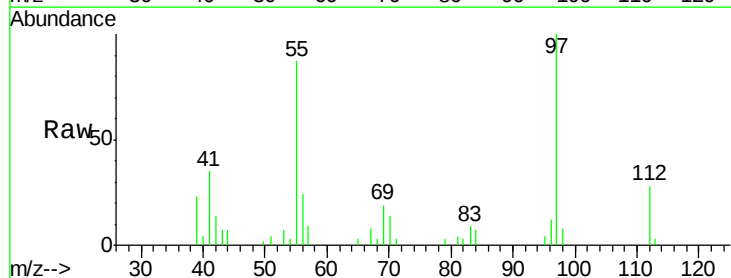
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW150-180704

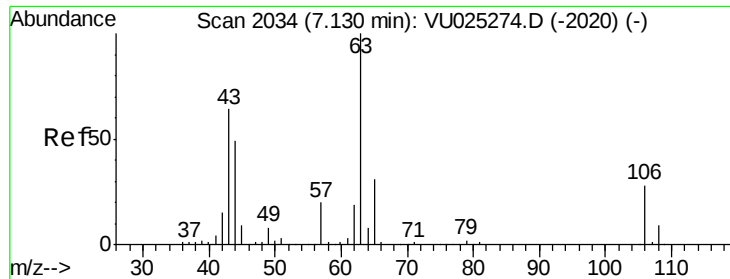
Tot Ion: 97 Resp: 9444
 Ion Ratio Lower Upper
 97 100
 83 6.5 68.9 103.3#
 85 0.0 44.4 66.6#
 99 0.0 51.0 76.4#



#56
 Ethyl methacrylate
 Concen: 0.45 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. 0.03 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

Tgt Ion: 69 Resp: 1846
 Ion Ratio Lower Upper
 69 100
 41 198.4 54.8 82.2#
 39 79.8 31.1 46.7#

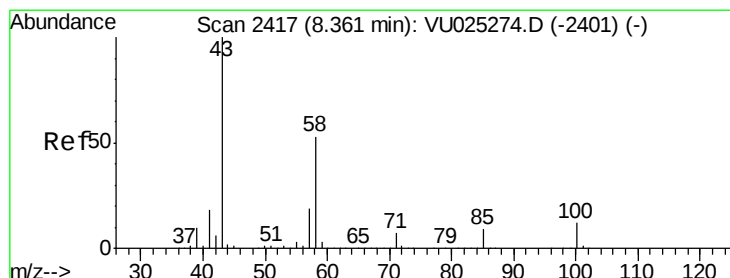
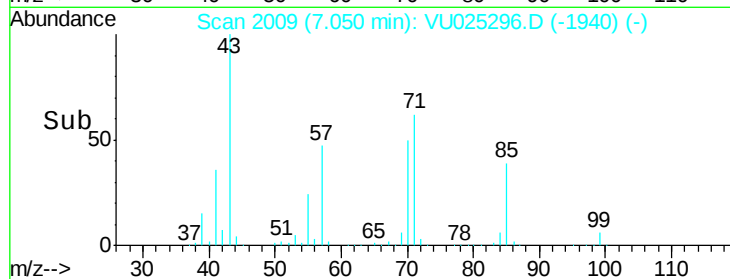
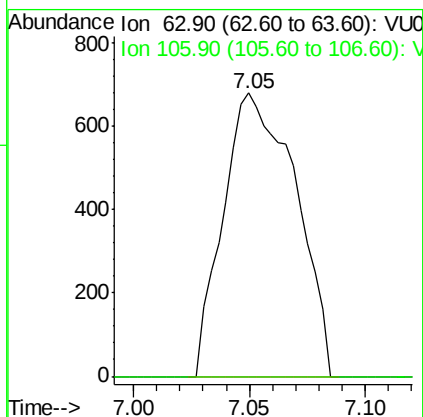
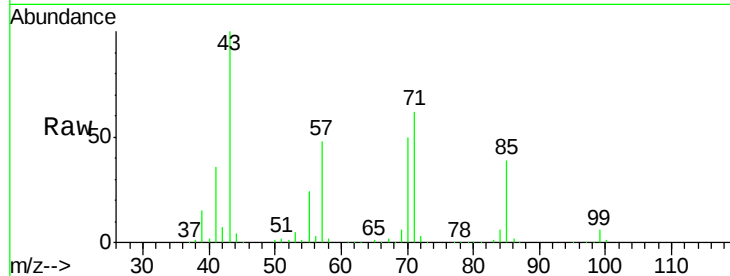




#58
 2-Chloroethyl Vinyl ether
 Concen: 11.82 ug/l
 RT: 7.05 min Scan# 2009
 Delta R.T. -0.08 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

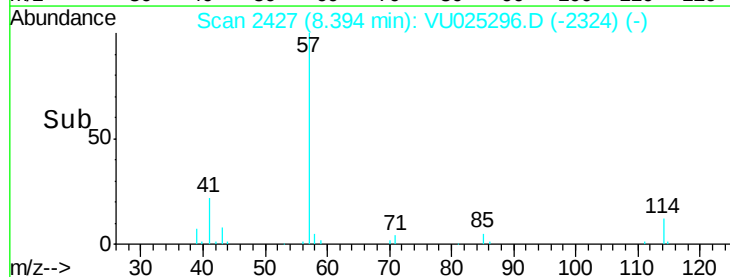
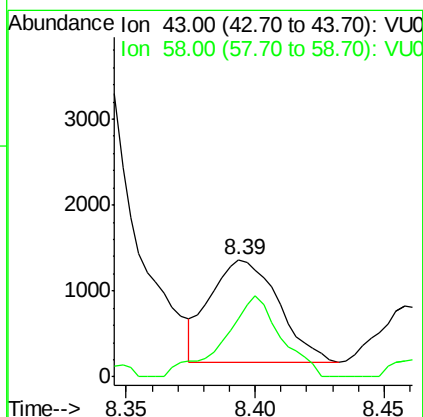
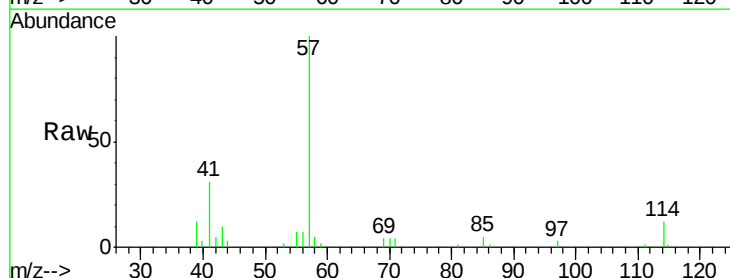
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW150-180704

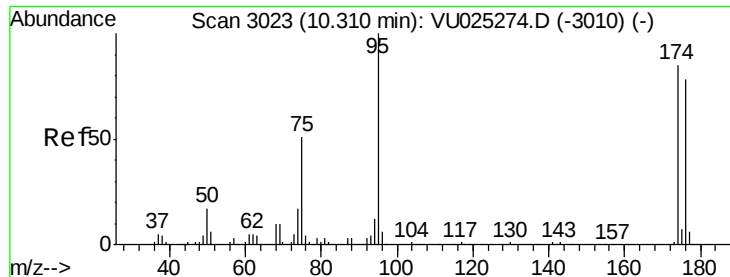
Tot Ion: 63 Resp: 1466
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#



#59
 2-Hexanone
 Concen: 0.67 ug/l
 RT: 8.39 min Scan# 2427
 Delta R.T. 0.03 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

Tgt Ion: 43 Resp: 2188
 Ion Ratio Lower Upper
 43 100
 58 66.4 26.2 78.5





#62

4-Bromofluorobenzene

Concen: 47.42 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SS038RW150-180704

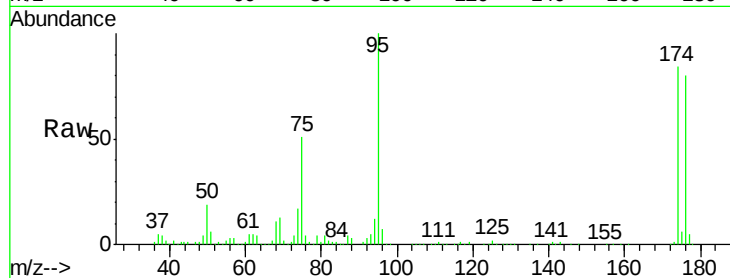
Tot Ion: 95 Resp: 171755

Ion Ratio Lower Upper

95 100

174 83.4 0.0 172.2

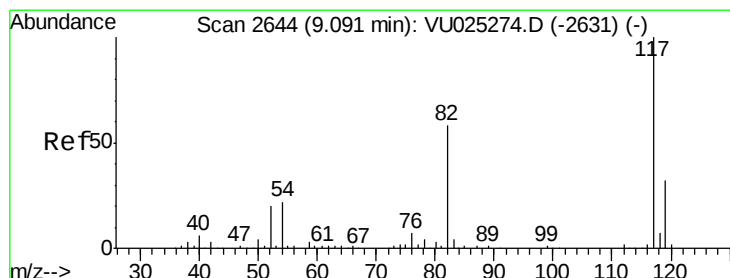
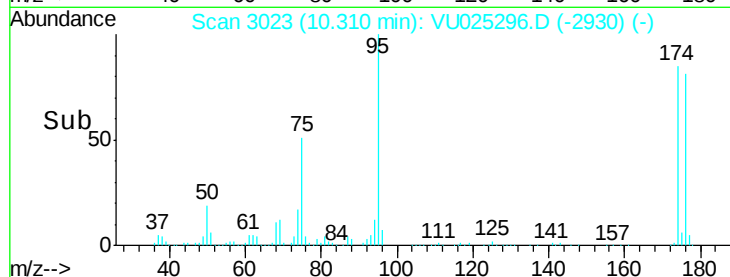
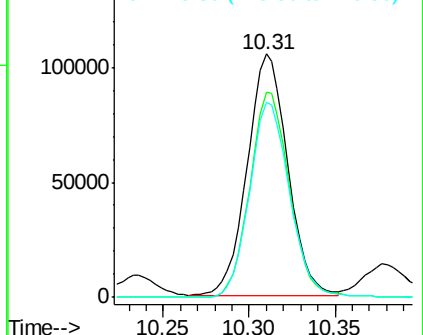
176 80.4 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

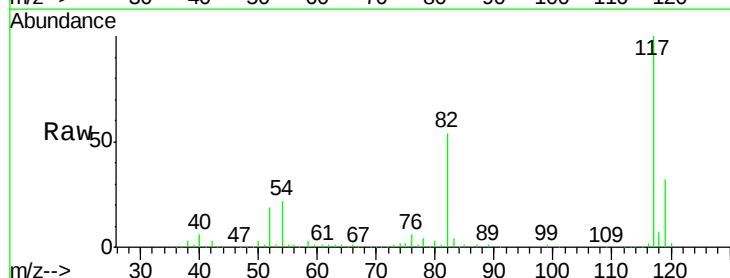
Tgt Ion: 117 Resp: 289271

Ion Ratio Lower Upper

117 100

82 54.0 46.0 69.0

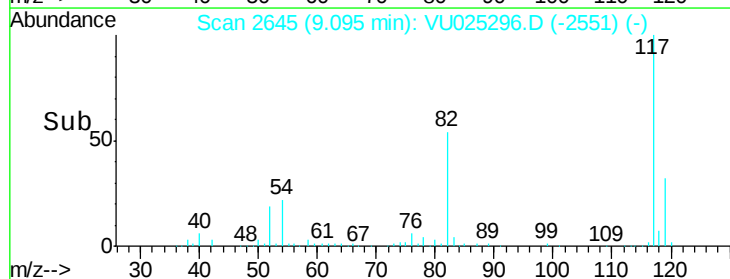
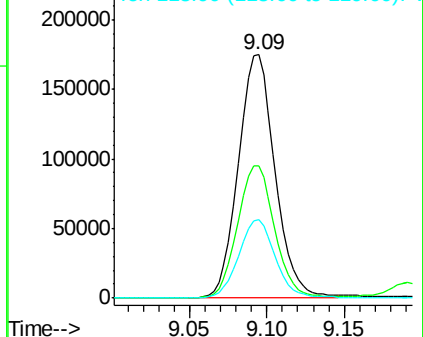
119 32.3 26.0 39.0

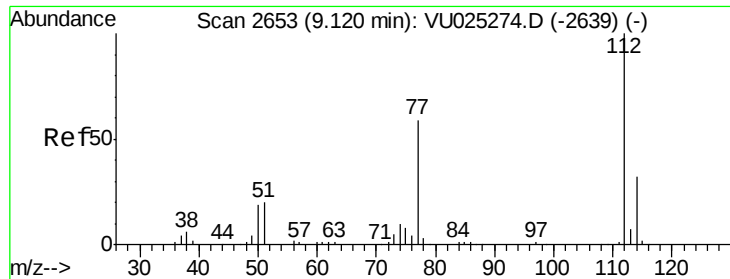


Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)

Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)

Ion 118.90 (118.60 to 119.60): VU025274.D (-2631) (-)

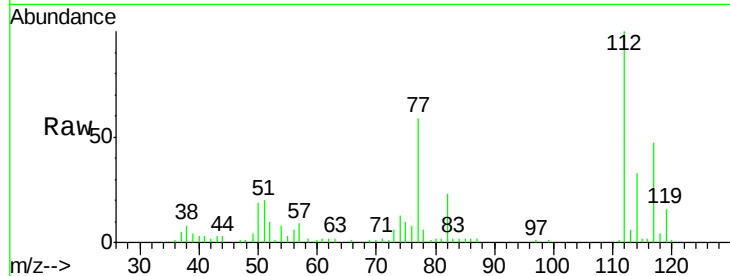




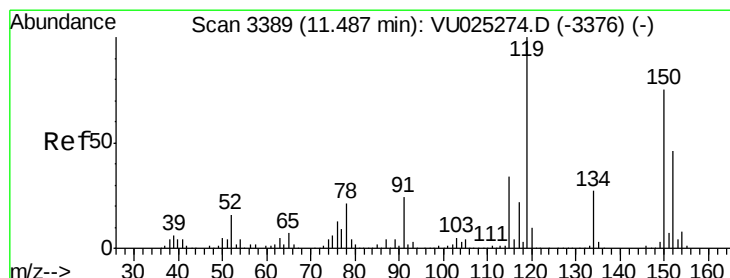
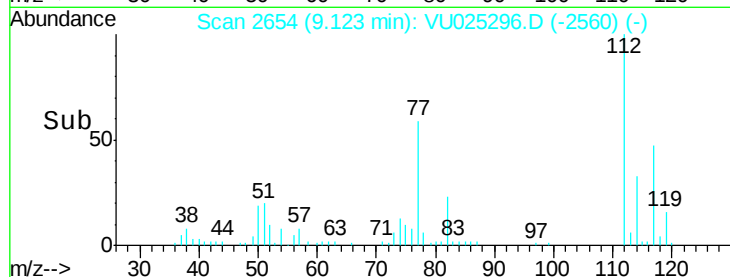
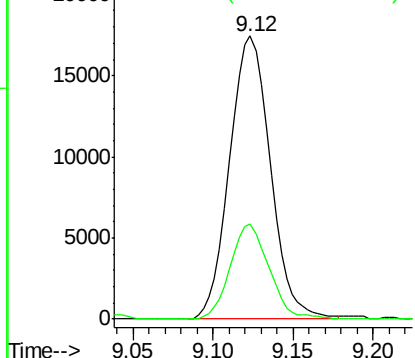
#65
Chlorobenzene
Concen: 4.20 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Instrument :
MSVOA_U
ClientSampleId :
SS038RW150-180704

Tot Ion:112 Resp: 30382
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8

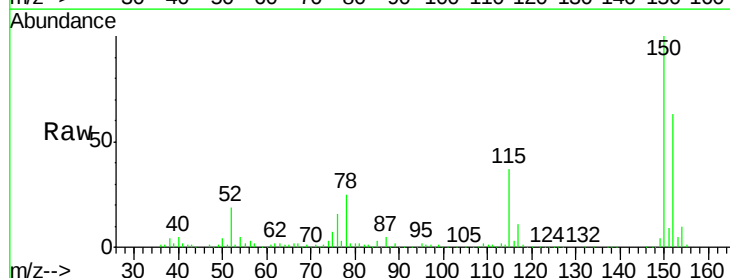


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

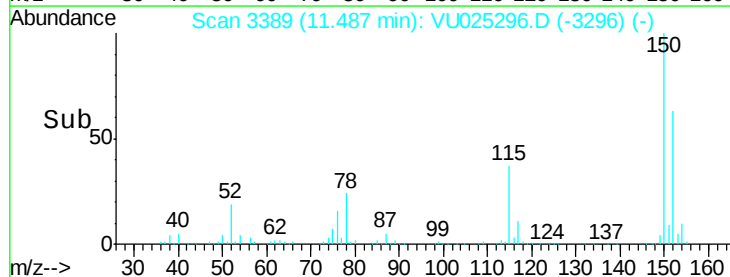
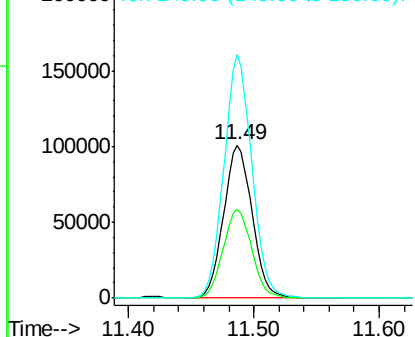


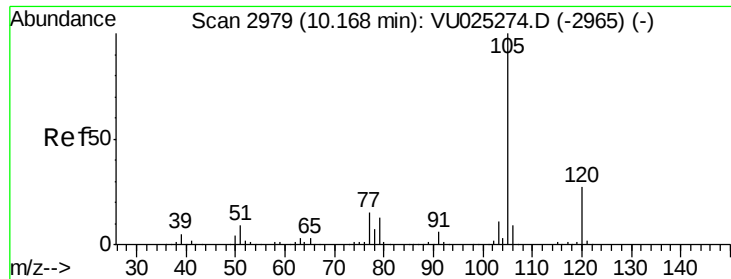
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Tgt Ion:152 Resp: 157835
Ion Ratio Lower Upper
152 100
115 58.6 40.1 120.3
150 157.1 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: 4.04 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

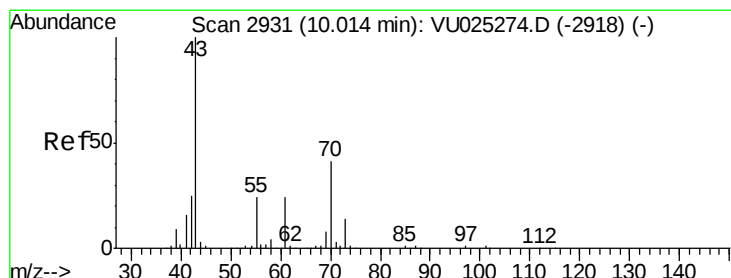
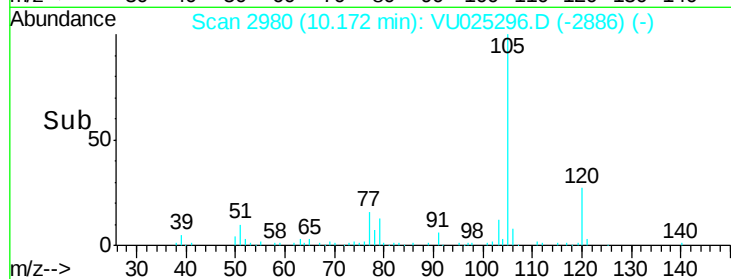
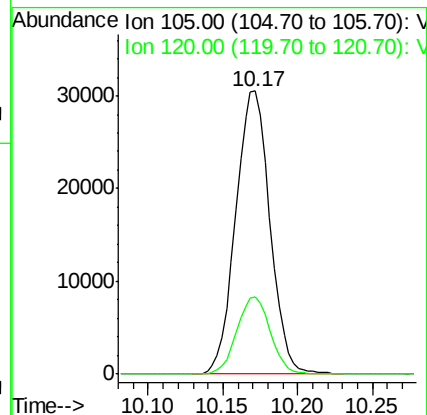
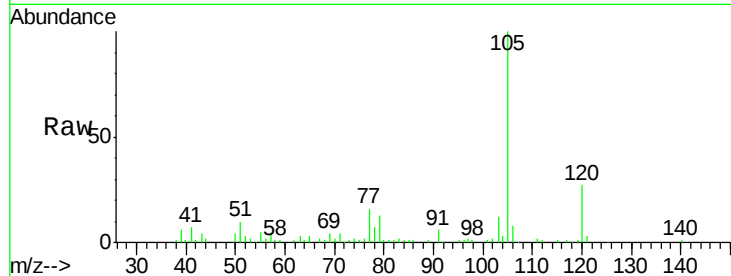
SS038RW150-180704

Tot Ion:105 Resp: 48711

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 1.62 ug/l

RT: 10.01 min Scan# 2930

Delta R.T. -0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Tgt Ion: 43 Resp: 1760

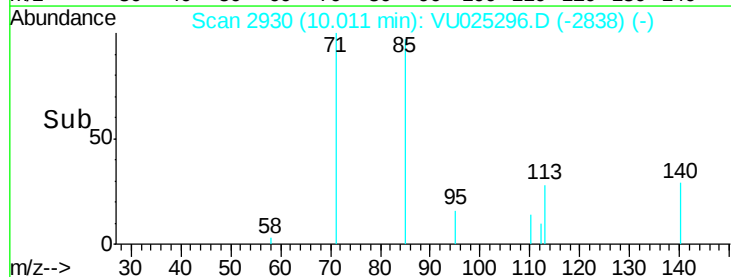
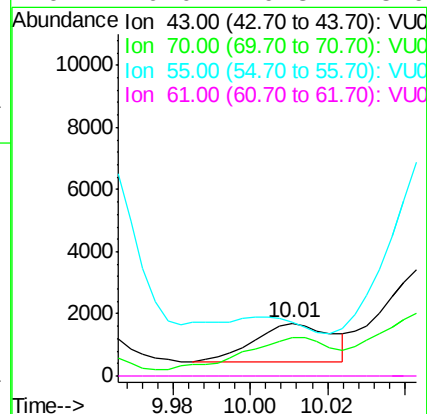
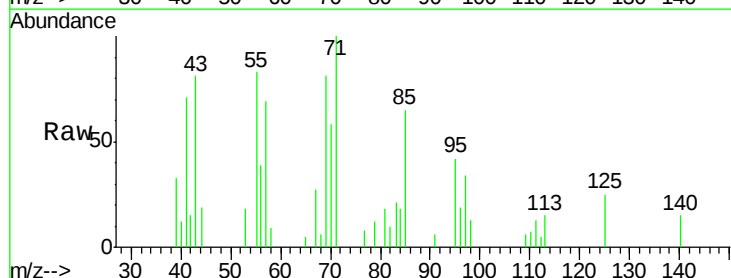
Ion Ratio Lower Upper

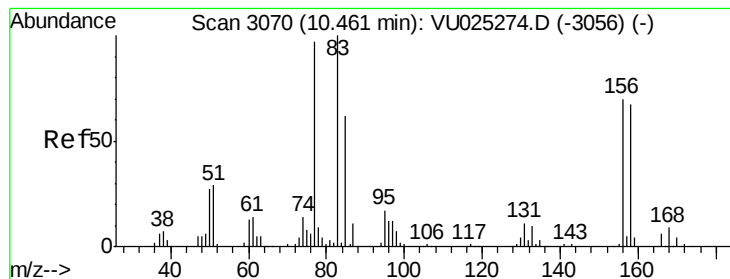
43 100

70 93.6 33.4 50.2#

55 0.0 19.0 28.6#

61 0.0 19.3 28.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.38 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SS038RW150-180704

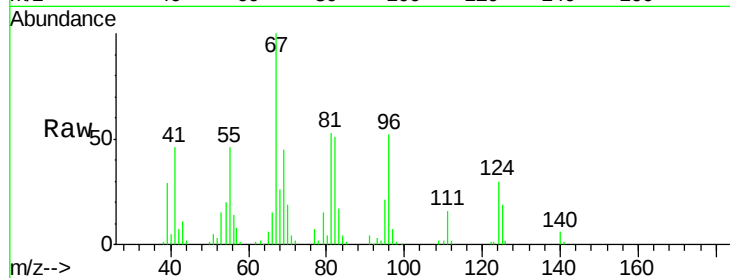
Tot Ion: 83 Resp: 9395

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

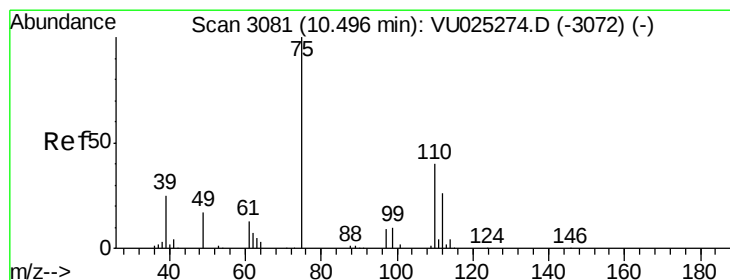
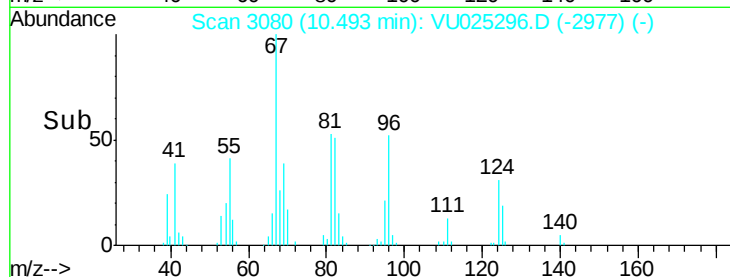
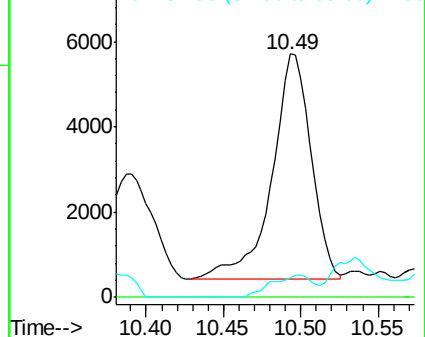
85 10.8 31.6 94.8#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 27.05 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025296.D

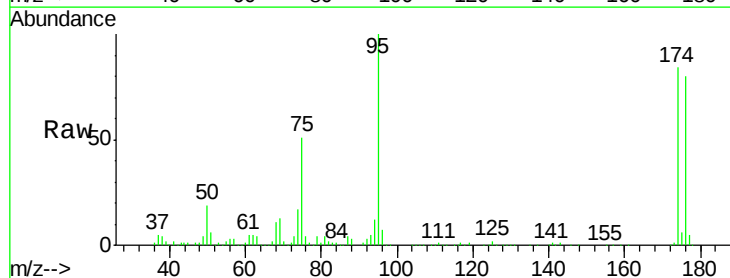
Acq: 10 Jul 2018 18:06

Tgt Ion: 75 Resp: 86806

Ion Ratio Lower Upper

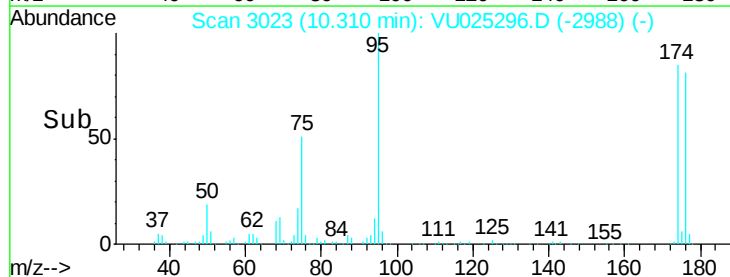
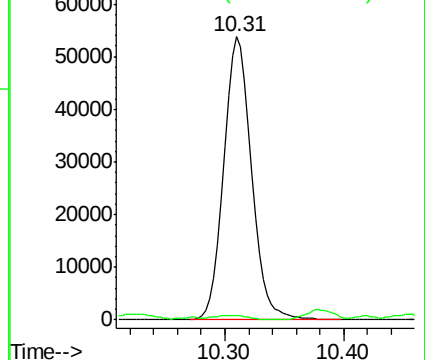
75 100

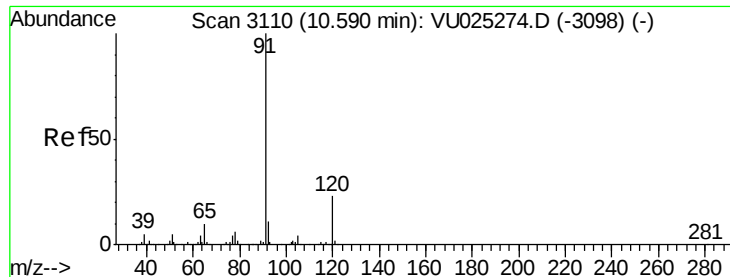
77 2.0 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.27 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

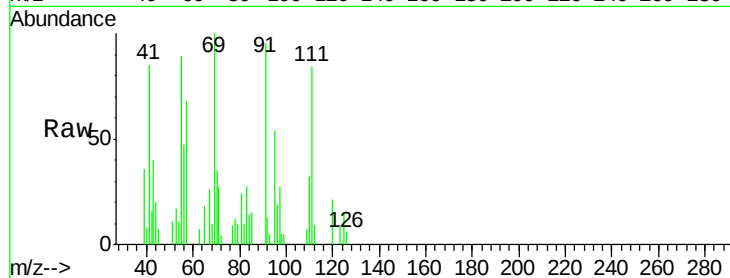
SS038RW150-180704

Tot Ion: 91 Resp: 3617

Ion Ratio Lower Upper

91 100

120 20.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

2500

2000

1500

1000

500

0

Time-->

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

11.10

11.15

11.20

11.25

11.30

11.35

11.40

11.45

11.50

11.55

11.60

11.65

11.70

11.75

11.80

11.85

11.90

11.95

12.00

12.05

12.10

12.15

12.20

12.25

12.30

12.35

12.40

12.45

12.50

12.55

12.60

12.65

12.70

12.75

12.80

12.85

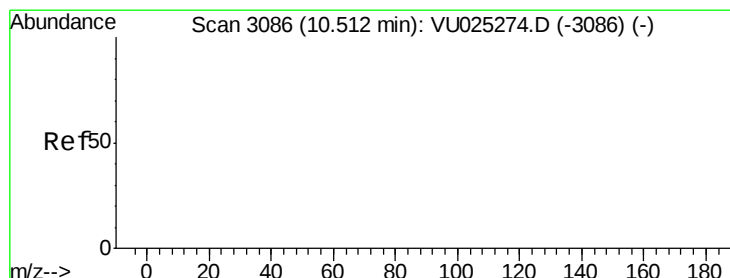
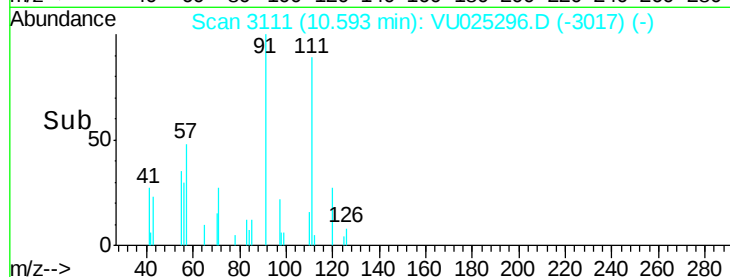
12.90

12.95

13.00

13.05

13.10



#81

trans-1,4-Dichloro-2-butene

Concen: 69.03 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

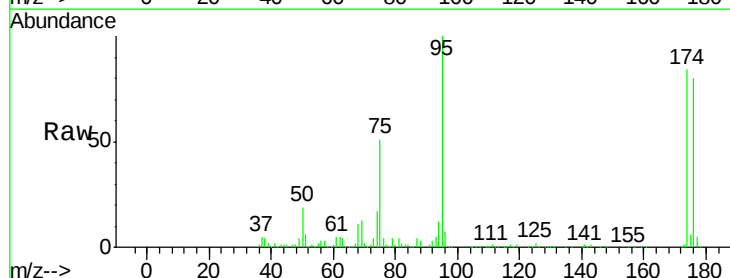
Tgt Ion: 75 Resp: 86806

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

60000

40000

20000

0

Time-->

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

11.10

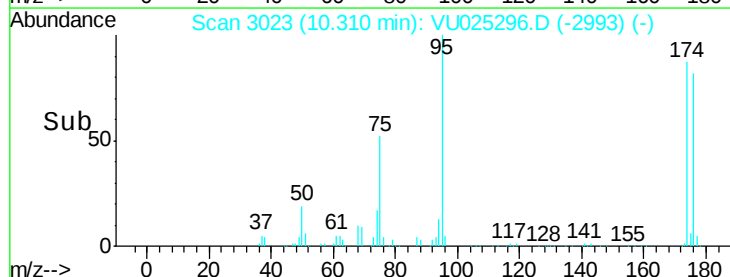
11.15

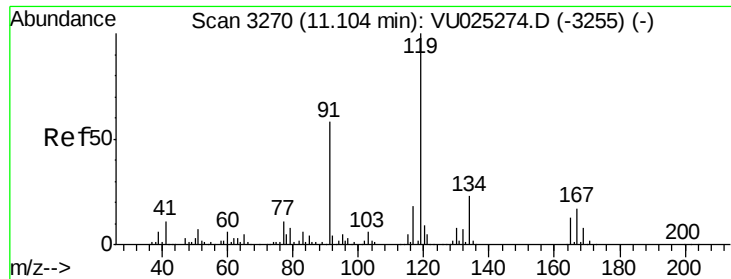
11.20

11.25

11.30

11.35

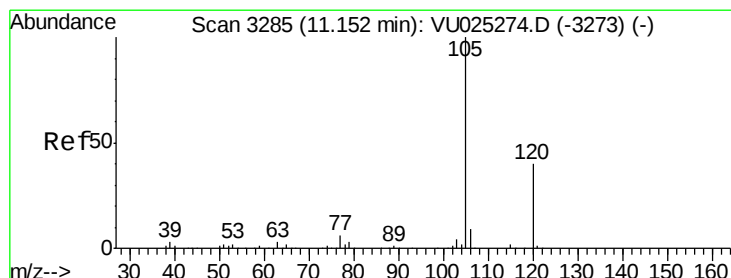
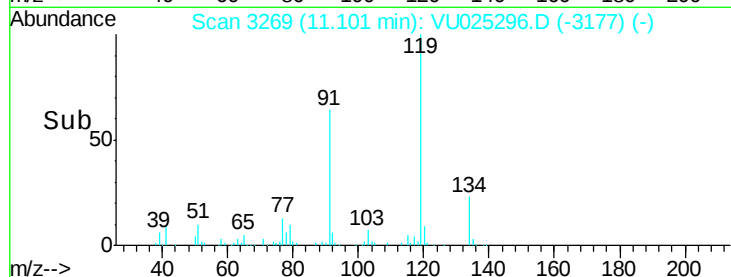
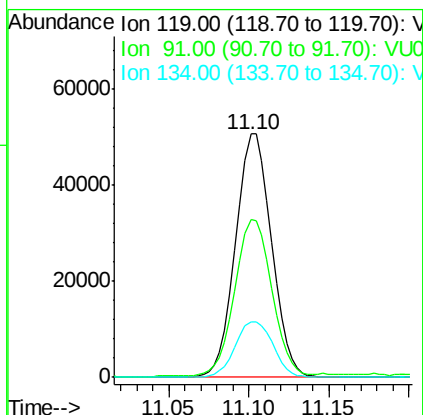
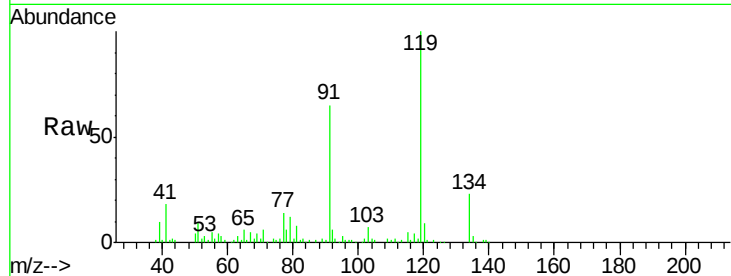




#83
 tert-Butylbenzene
 Concen: 7.56 ug/l
 RT: 11.10 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

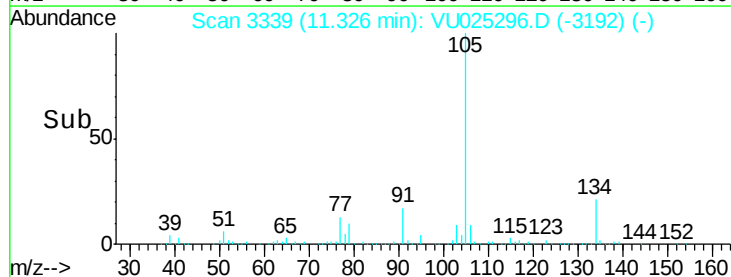
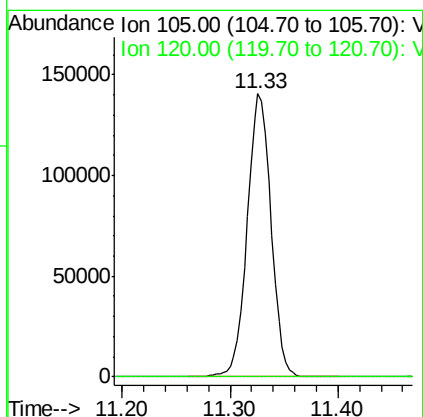
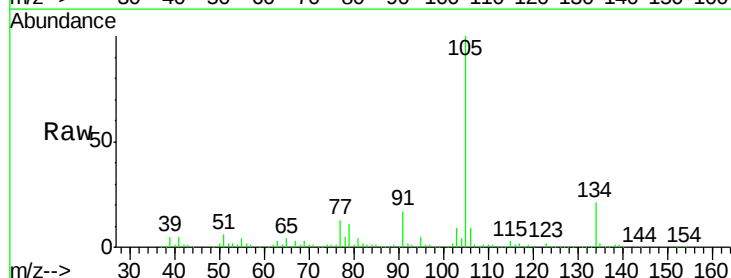
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW150-180704

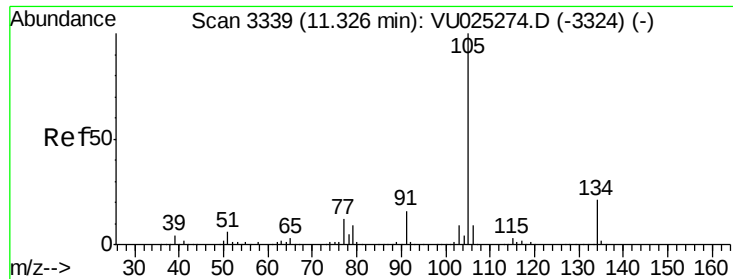
Tot Ion:119 Resp: 77530
 Ion Ratio Lower Upper
 119 100
 91 65.8 29.7 89.1
 134 23.9 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.69 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.17 min
 Lab File: VU025296.D
 Acq: 10 Jul 2018 18:06

Tgt Ion:105 Resp: 215126
 Ion Ratio Lower Upper
 105 100
 120 0.1 22.3 66.8#





#85

sec-Butylbenzene

Concen: 17.82 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

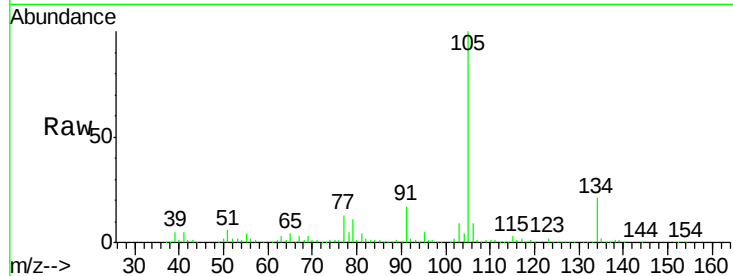
SS038RW150-180704

Tot Ion:105 Resp: 215126

Ion Ratio Lower Upper

105 100

134 17.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

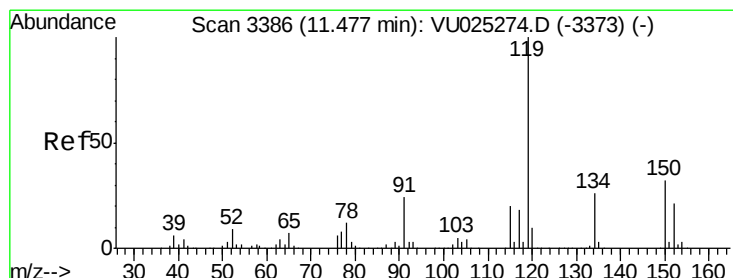
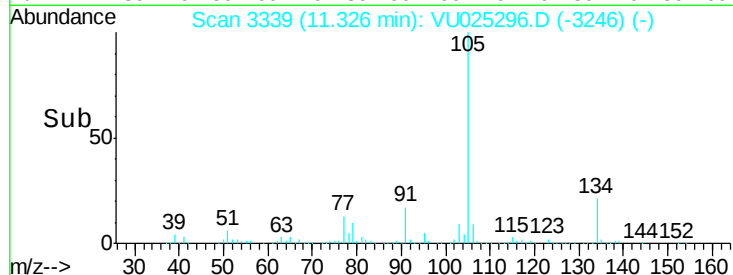
150000

100000

50000

0

Time--> 11.20 11.30 11.40



#86

p-Isopropyltoluene

Concen: 30.58 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

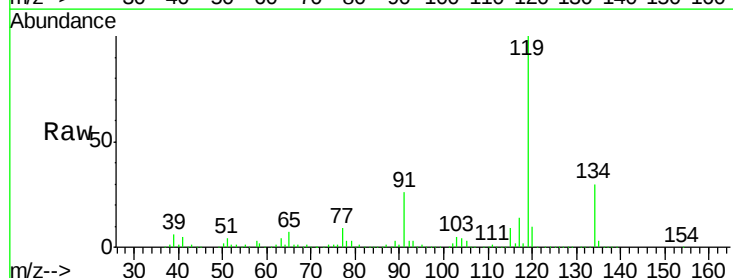
Tgt Ion:119 Resp: 326890

Ion Ratio Lower Upper

119 100

134 28.4 13.2 39.5

91 25.4 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.69

250000

200000

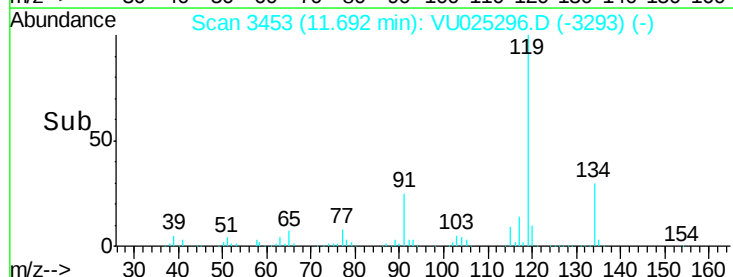
150000

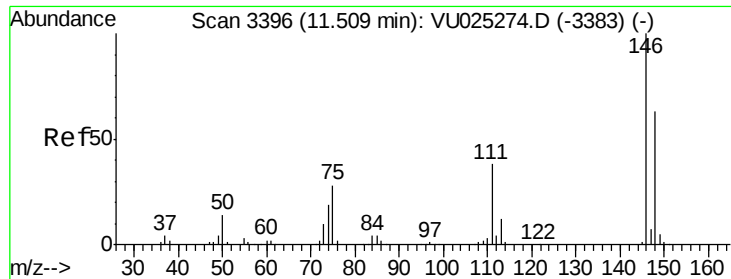
100000

50000

0

Time--> 11.65 11.70 11.75





#88

1,4-Dichlorobenzene

Concen: 1.90 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

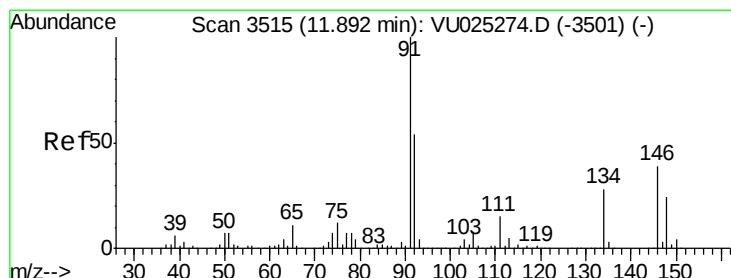
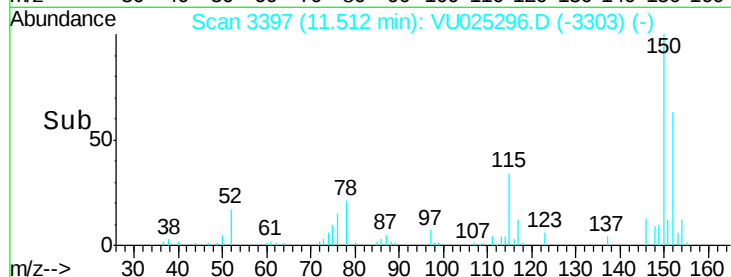
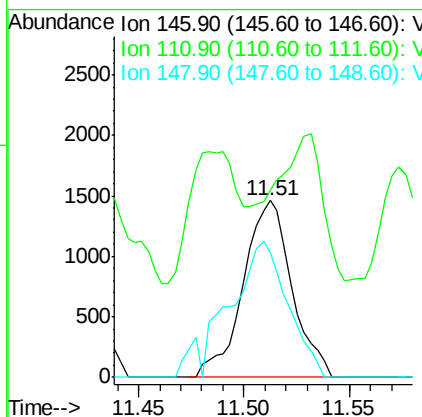
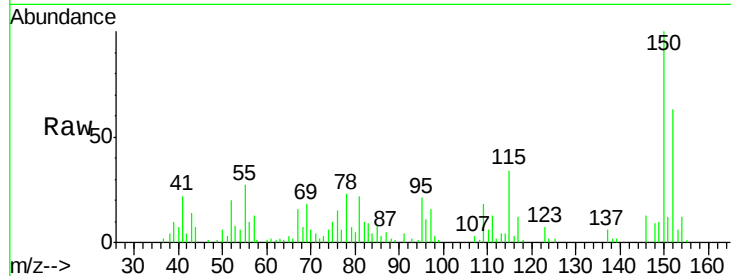
MSVOA_U

ClientSampleId :

SS038RW150-180704

Tot Ion:146 Resp: 2343

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.1#
148	94.2	31.7	95.1



#89

n-Butylbenzene

Concen: 1.13 ug/l

RT: 11.87 min Scan# 3507

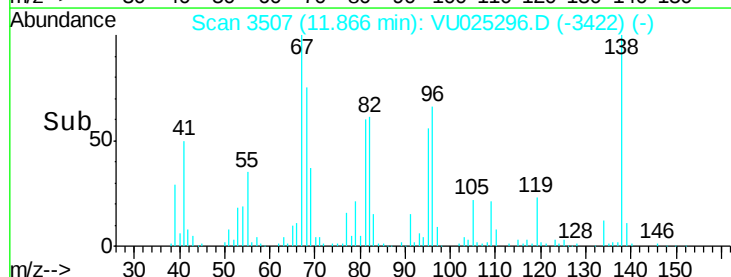
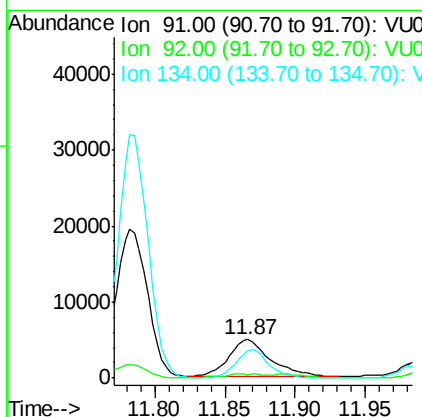
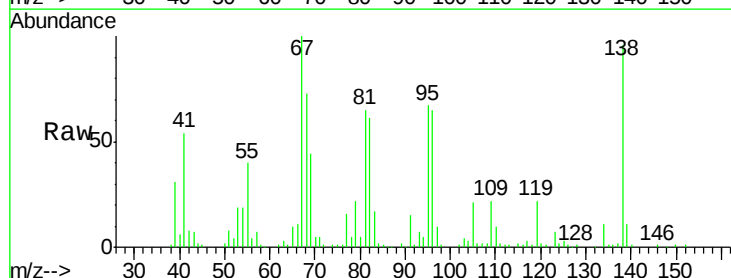
Delta R.T. -0.03 min

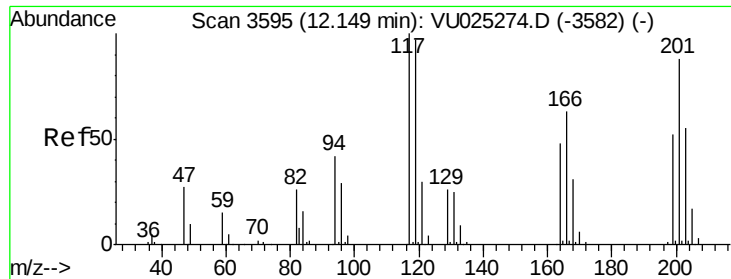
Lab File: VU025296.D

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Tgt Ion: 91 Resp: 9901

Ion	Ratio	Lower	Upper
91	100		
92	7.0	26.5	79.5#
134	61.2	13.6	40.7#

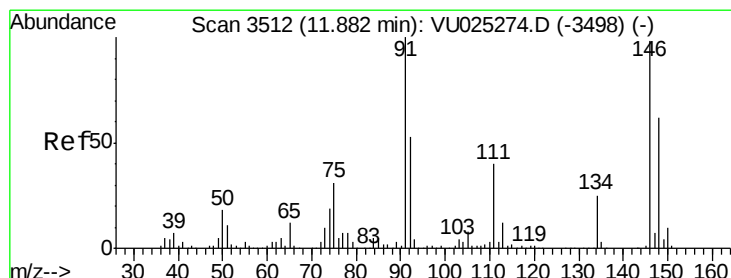
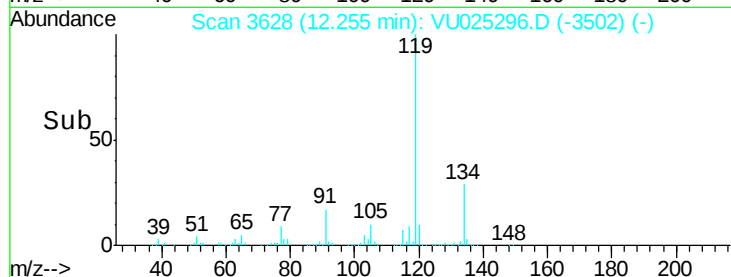
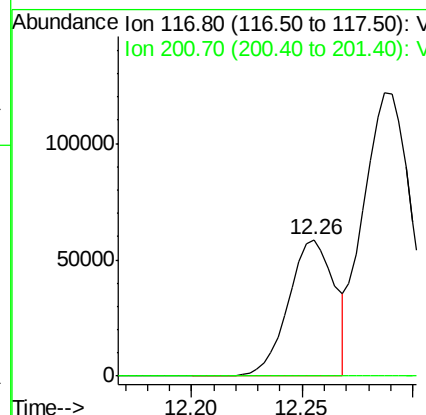
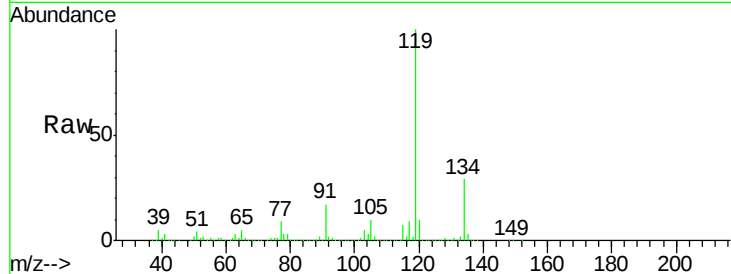




#90
Hexachloroethane
Concen: 47.21 ug/l
RT: 12.26 min Scan# 3628
Delta R.T. 0.11 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

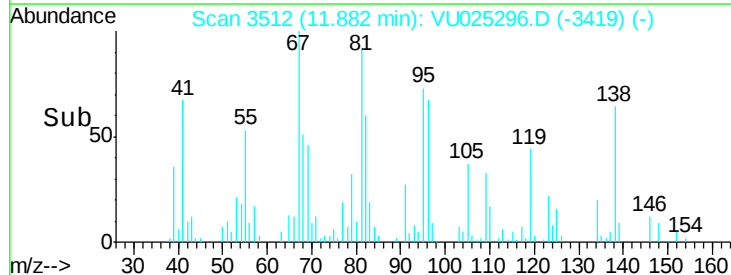
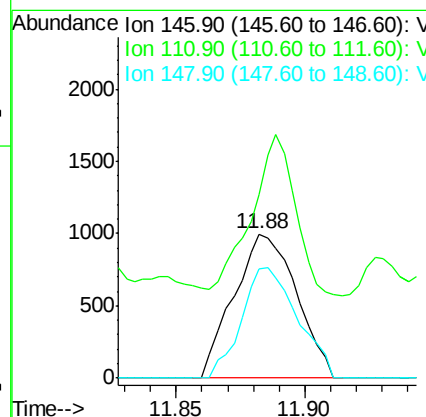
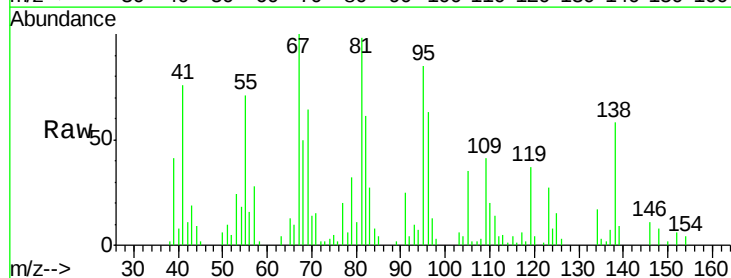
Instrument :
MSVOA_U
ClientSampleId :
SS038RW150-180704

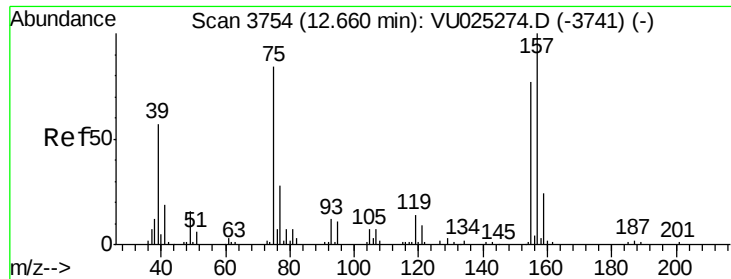
Tot Ion:117 Resp: 85465
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#



#91
1,2-Dichlorobenzene
Concen: 0.30 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU025296.D
Acq: 10 Jul 2018 18:06

Tgt Ion:146 Resp: 1682
Ion Ratio Lower Upper
146 100
111 80.3 20.6 61.8#
148 68.4 31.5 94.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.80 ug/l

RT: 12.65 min Scan# 3752

Delta R.T. -0.01 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SS038RW150-180704

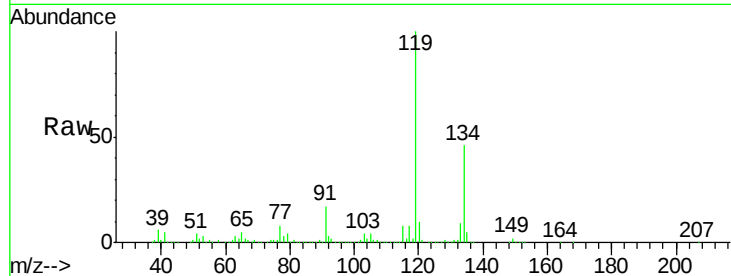
Tot Ion: 75 Resp: 4591

Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

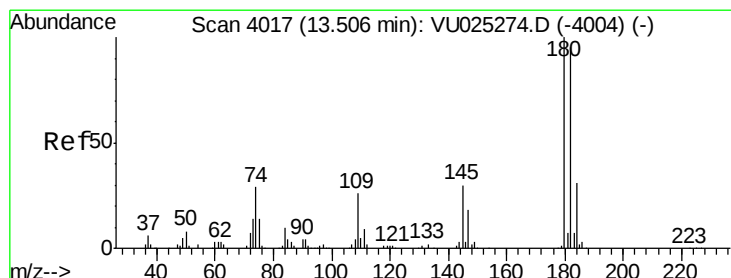
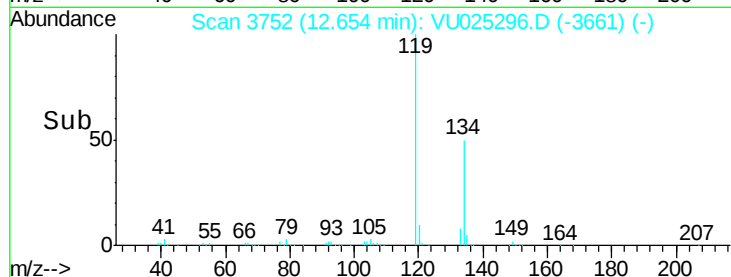
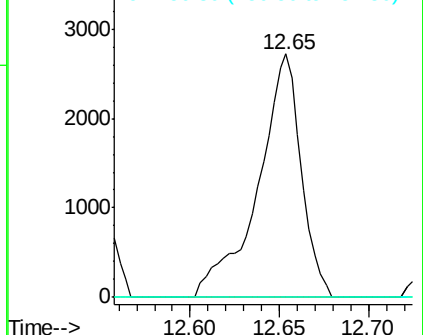
157 0.0 57.0 170.8#



Abundance Ion 74.90 (74.60 to 75.60): VU025296.D (-3661) (-)

Ion 154.80 (154.50 to 155.50): VU025296.D (-3661) (-)

Ion 156.80 (156.50 to 157.50): VU025296.D (-3661) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.31 ug/l

RT: 13.51 min Scan# 4018

Delta R.T. 0.00 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

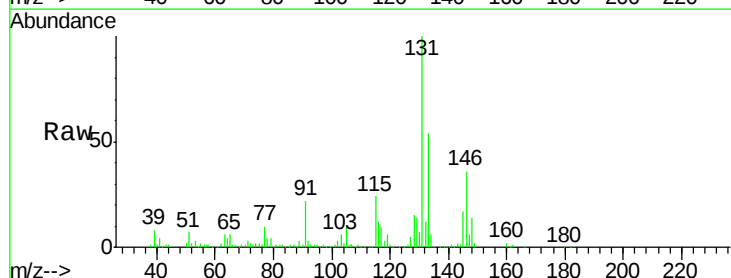
Tgt Ion: 180 Resp: 106

Ion Ratio Lower Upper

180 100

182 110.4 47.3 141.9

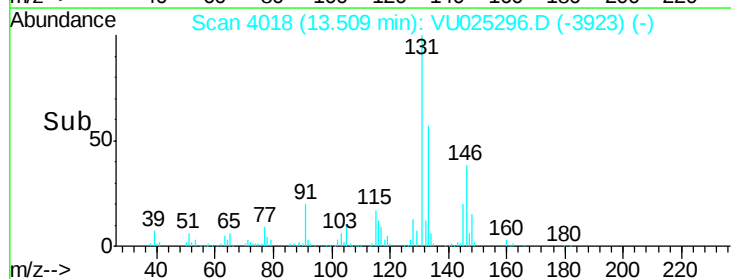
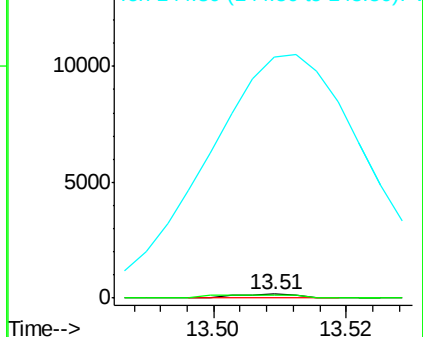
145 15665.1 14.9 44.7#

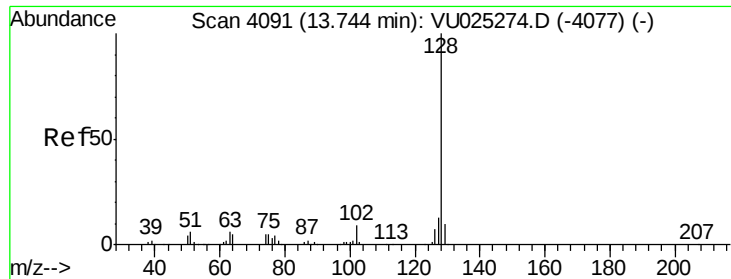


Abundance Ion 179.80 (179.50 to 180.50): VU025296.D (-3923) (-)

Ion 181.80 (181.50 to 182.50): VU025296.D (-3923) (-)

Ion 144.80 (144.50 to 145.50): VU025296.D (-3923) (-)





#95

Naphthalene

Concen: 3.06 ug/l

RT: 13.73 min Scan# 4088

Delta R.T. -0.01 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SS038RW150-180704

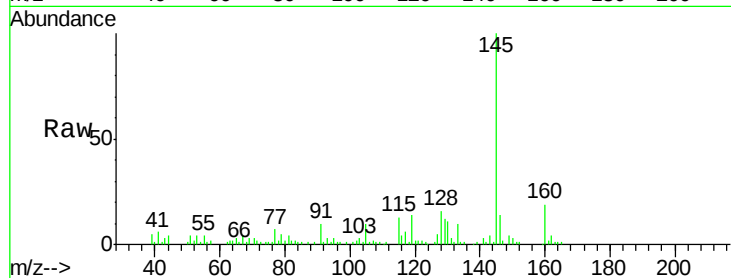
Tot Ion:128 Resp: 7929

Ion Ratio Lower Upper

128 100

127 30.4 10.5 15.7#

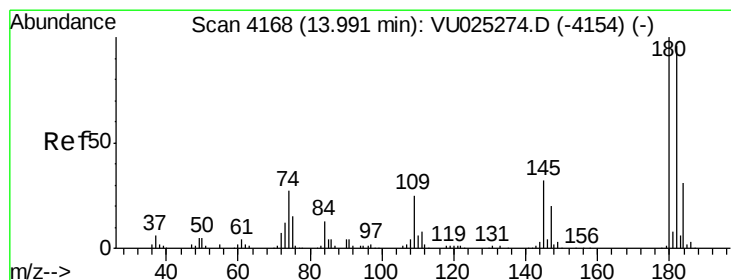
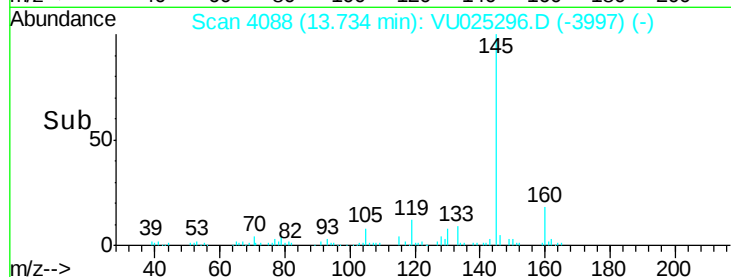
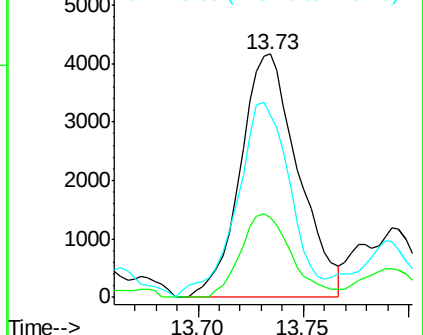
129 73.6 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.55 ug/l

RT: 13.98 min Scan# 4166

Delta R.T. -0.01 min

Lab File: VU025296.D

Acq: 10 Jul 2018 18:06

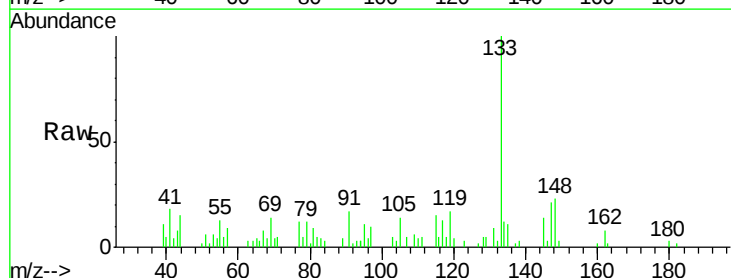
Tgt Ion:180 Resp: 80

Ion Ratio Lower Upper

180 100

182 117.5 47.8 143.3

145 0.0 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

