

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024841.D
 Acq On : 22 Jun 2018 19:01
 Operator : MD/SY
 Sample : VU0623WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Manual Integrations
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 6/26/2018 11:59:41 AM

Quant Time: Jun 23 03:55:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	178339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271449	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	132811	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	4.89	113	107383	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	7.57	98	377748	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	10.31	95	149730	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39425	17.66	ug/l	99
3) Chloromethane	1.33	50	41505	18.20	ug/l	98
4) Vinyl Chloride	1.40	62	43364	18.44	ug/l	97
5) Bromomethane	1.62	94	28102	24.72	ug/l	93
6) Chloroethane	1.70	64	28466	21.05	ug/l	98
7) Trichlorofluoromethane	1.89	101	71907	20.03	ug/l	99
8) Diethyl Ether	2.10	74	26614	20.69	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42391	19.04	ug/l	97
10) Methyl Iodide	2.41	142	36564	22.64	ug/l	99
11) Tert butyl alcohol	2.82	59	59606	84.18	ug/l	100
12) 1,1-Dichloroethene	2.29	96	37584	18.51	ug/l	90
13) Acrolein	2.19	56	30865	83.01	ug/l	96
14) Allyl chloride	2.59	41	65108	17.27	ug/l	97
15) Acrylonitrile	2.94	53	130258	94.55	ug/l	97
16) Acetone	2.32	43	141738	90.61	ug/l	97
17) Carbon Disulfide	2.48	76	104722	16.11	ug/l	99
18) Methyl Acetate	2.62	43	67096	20.01	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	146872	19.24	ug/l	98
20) Methylene Chloride	2.71	84	46466	18.93	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	40782	18.23	ug/l	95
22) Diisopropyl ether	3.57	45	144071	19.28	ug/l	94
23) Vinyl Acetate	3.53	43	623359	93.10	ug/l	98
24) 1,1-Dichloroethane	3.45	63	82241	19.13	ug/l	98
25) 2-Butanone	4.26	43	193667	92.17	ug/l	98
26) 2,2-Dichloropropane	4.23	77	77716	19.04	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	49461	19.24	ug/l	100
28) Bromochloromethane	4.55	49	36143	19.08	ug/l	90
29) Tetrahydrofuran	4.63	42	116047	89.18	ug/l	97
30) Chloroform	4.68	83	84321	19.38	ug/l	96
31) Cyclohexane	5.00	56	73921	18.10	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	76693	19.06	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59467	18.64	ug/l	96
37) Ethyl Acetate	4.38	43	70376	20.24	ug/l	97
38) Carbon Tetrachloride	5.14	117	68856	19.63	ug/l	99

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Quant Time: Jun 23 03:55:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77142	19.38	ug/l	93
40) Benzene	5.39	78	178547	19.64	ug/l	100
41) Methacrylonitrile	4.54	41	38401	20.49	ug/l	98
42) 1,2-Dichloroethane	5.41	62	72637	20.98	ug/l	100
43) Isopropyl Acetate	5.55	43	115568	19.23	ug/l	99
44) Trichloroethene	6.19	130	49765	19.24	ug/l	94
45) 1,2-Dichloropropane	6.44	63	48437	19.97	ug/l	94
46) Dibromomethane	6.56	93	34413	20.20	ug/l	96
47) Bromodichloromethane	6.76	83	66370	19.57	ug/l	99
48) Methyl methacrylate	6.62	41	57445	19.63	ug/l	97
49) 1,4-Dioxane	6.62	88	26072	455.60	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	367359	97.30	ug/l	99
52) Toluene	7.64	92	115376	19.73	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	71614	18.80	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	75855	18.69	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	48205	20.28	ug/l	96
56) Ethyl methacrylate	8.02	69	77070	19.37	ug/l	98
57) 1,3-Dichloropropane	8.25	76	80635	20.11	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	143303	94.02	ug/l	96
59) 2-Hexanone	8.36	43	296080	96.06	ug/l	100
60) Dibromochloromethane	8.48	129	54048	18.23	ug/l	98
61) 1,2-Dibromoethane	8.59	107	51345	19.41	ug/l	97
64) Tetrachloroethene	8.23	164	44605	18.79	ug/l	96
65) Chlorobenzene	9.12	112	132435	20.76	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	48910	20.18	ug/l	98
67) Ethyl Benzene	9.25	91	225402	20.16	ug/l	96
68) m/p-Xylenes	9.38	106	177912	41.43	ug/l	95
69) o-Xylene	9.78	106	87554	20.60	ug/l	95
70) Styrene	9.80	104	140425	20.11	ug/l	99
71) Bromoform	9.96	173	40510	17.59	ug/l #	99
73) Isopropylbenzene	10.17	105	234870	20.68	ug/l	99
74) N-amyl acetate	10.01	43	103017	19.07	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	78745	20.69	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	74969m	23.01	ug/l	
77) Bromobenzene	10.45	156	57992	20.17	ug/l	96
78) n-propylbenzene	10.59	91	267832	20.02	ug/l	98
79) 2-Chlorotoluene	10.66	91	161181	20.43	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	203206	20.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	25008m	17.77	ug/l	
82) 4-Chlorotoluene	10.78	91	183488	19.98	ug/l	99
83) tert-Butylbenzene	11.10	119	202242	21.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	206103	20.54	ug/l	100
85) sec-Butylbenzene	11.33	105	245881	20.74	ug/l	98
86) p-Isopropyltoluene	11.48	119	216817	20.42	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	109103	20.53	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	110062	20.58	ug/l	99
89) n-Butylbenzene	11.89	91	180008	19.10	ug/l	97
90) Hexachloroethane	12.15	117	37984	18.34	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	112691	21.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20177	19.21	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	74574	22.69	ug/l	99
94) Hexachlorobutadiene	13.70	225	39619	21.42	ug/l	98
95) Naphthalene	13.75	128	240360	22.47	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	80284	24.52	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion:168 Resp: 178339

Ion Ratio Lower Upper

168 100

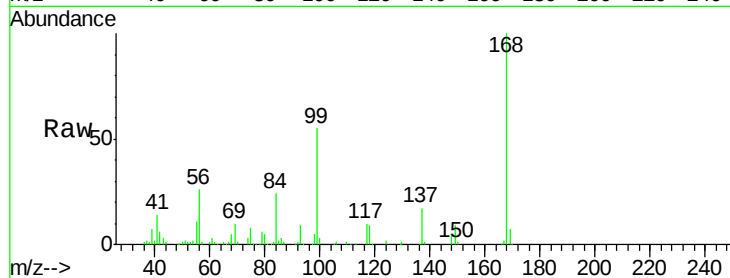
99 54.6 43.2 64.8

Manual Integrations

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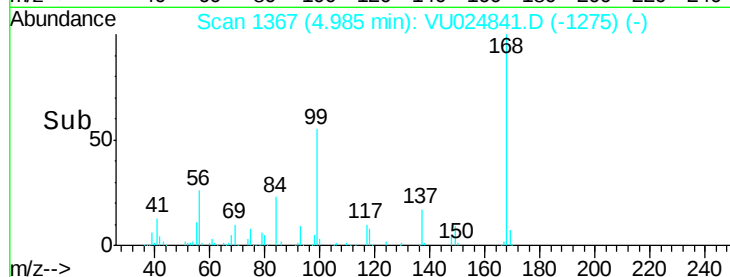
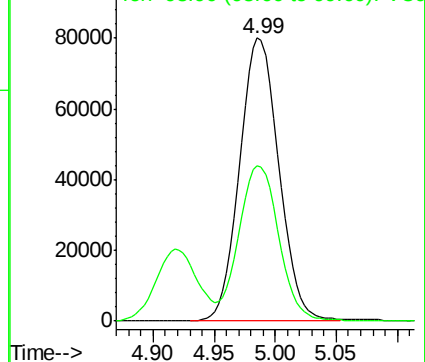
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 17.66 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024841.D

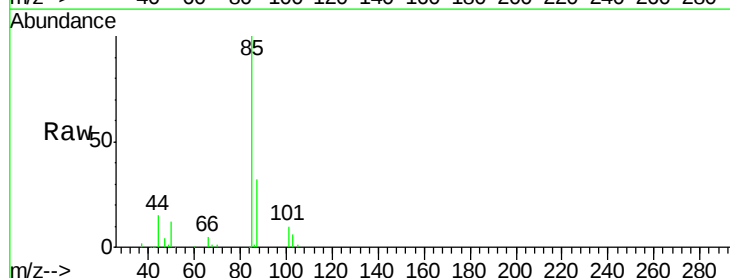
Acq: 22 Jun 2018 19:01

Tgt Ion: 85 Resp: 39425

Ion Ratio Lower Upper

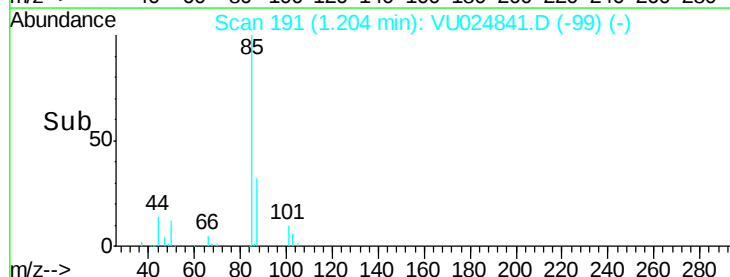
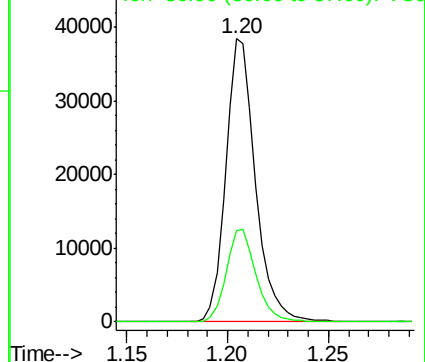
85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 18.20 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 50 Resp: 41505

Ion Ratio Lower Upper

50 100

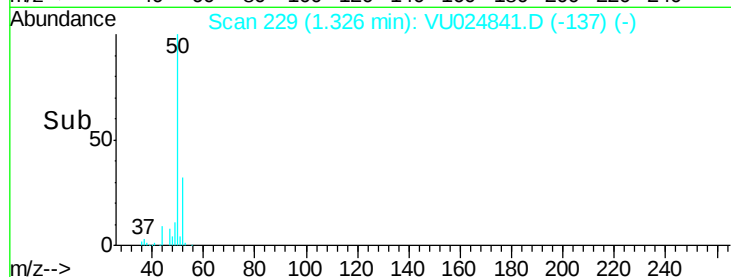
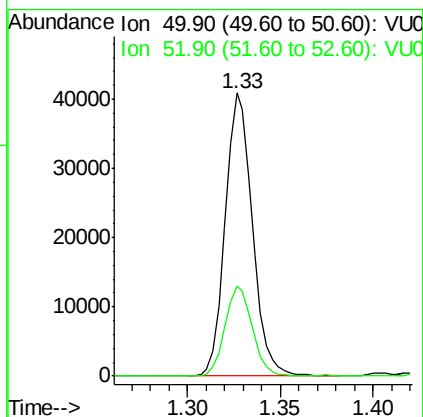
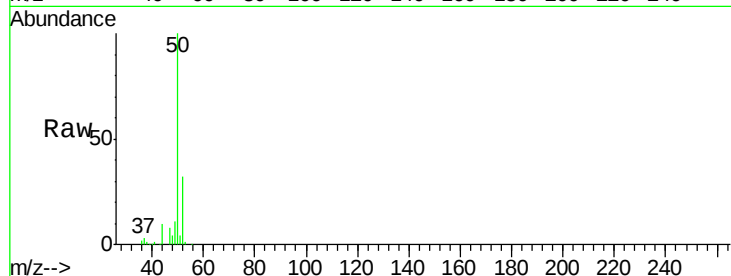
52 32.0 26.4 39.6

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#4

Vinyl Chloride

Concen: 18.44 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024841.D

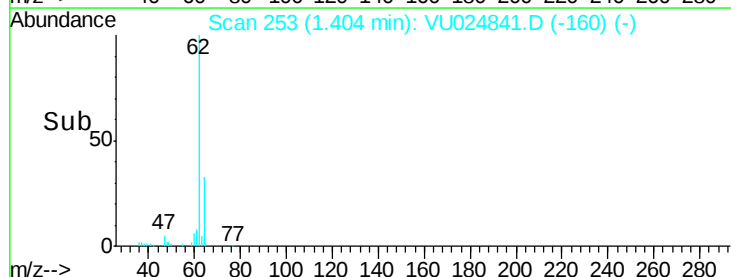
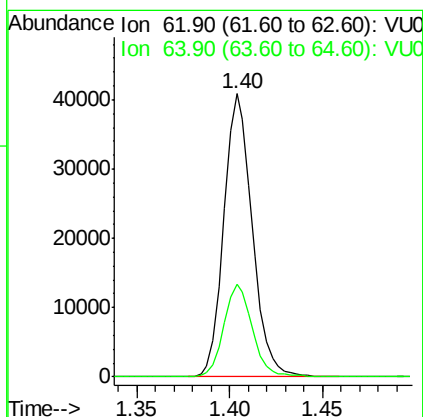
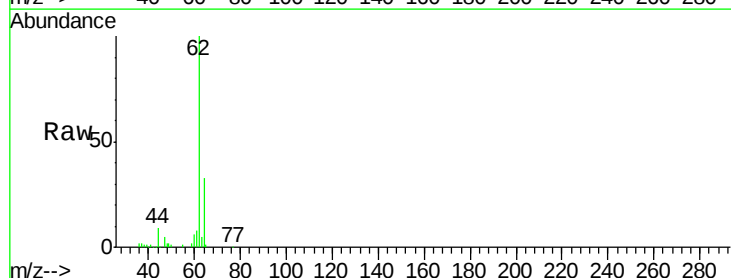
Acq: 22 Jun 2018 19:01

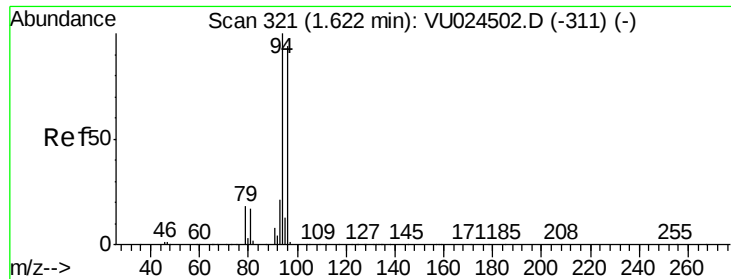
Tgt Ion: 62 Resp: 43364

Ion Ratio Lower Upper

62 100

64 32.8 24.8 37.2





#5

Bromomethane

Concen: 24.72 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 94 Resp: 28102

Ion Ratio Lower Upper

94 100

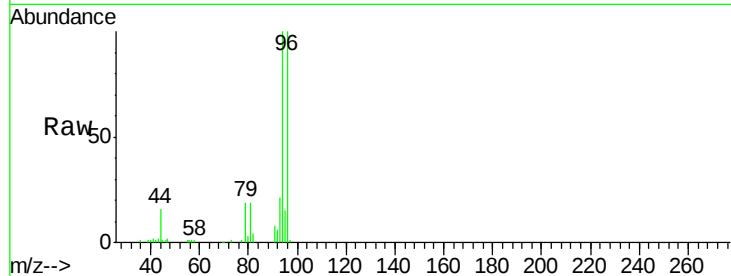
96 99.7 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

25000

20000

15000

10000

5000

0

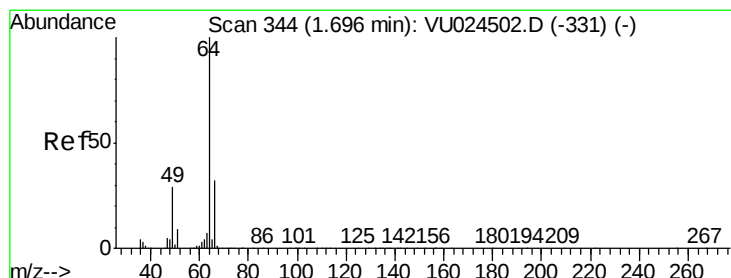
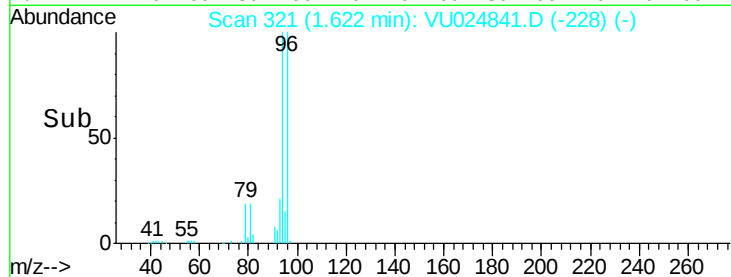
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 21.05 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024841.D

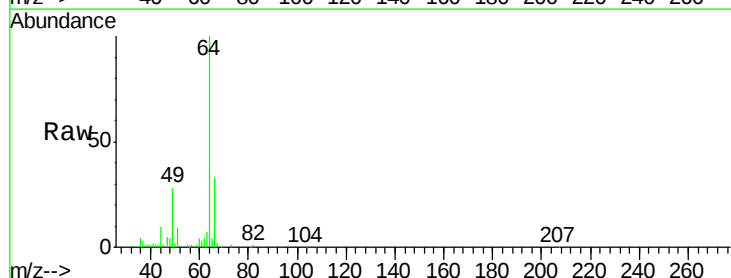
Acq: 22 Jun 2018 19:01

Tgt Ion: 64 Resp: 28466

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

25000

20000

15000

10000

5000

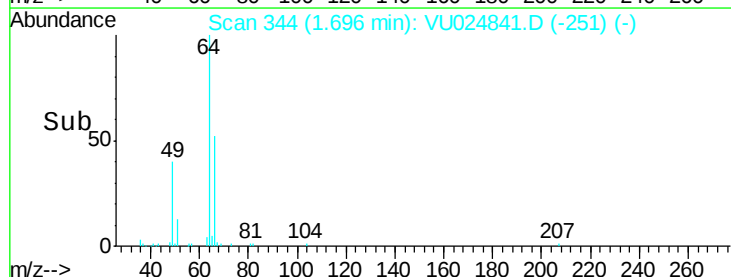
0

Time-->

1.65

1.70

1.75





#7

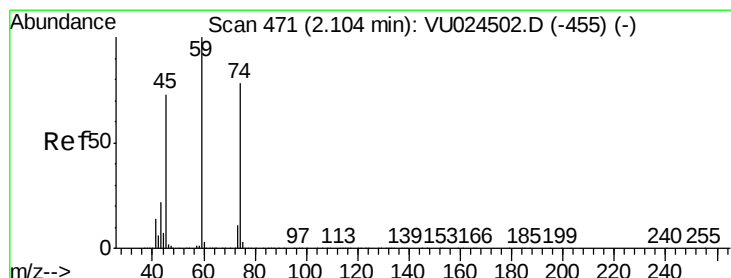
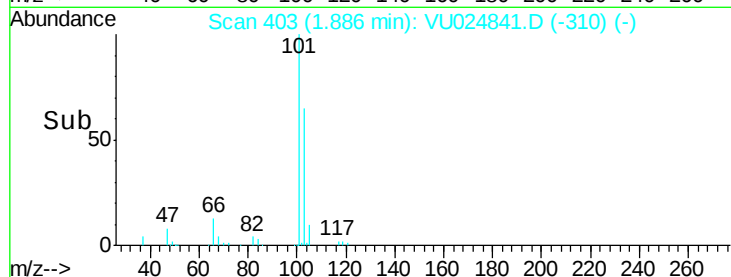
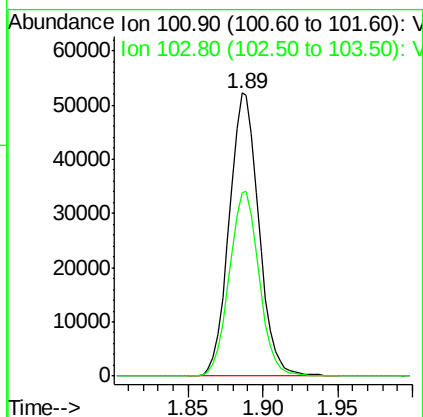
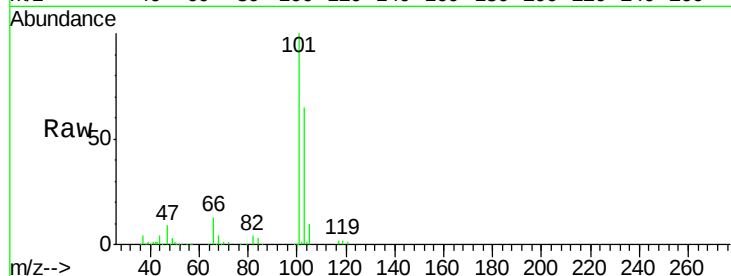
Trichlorofluoromethane
Concen: 20.03 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

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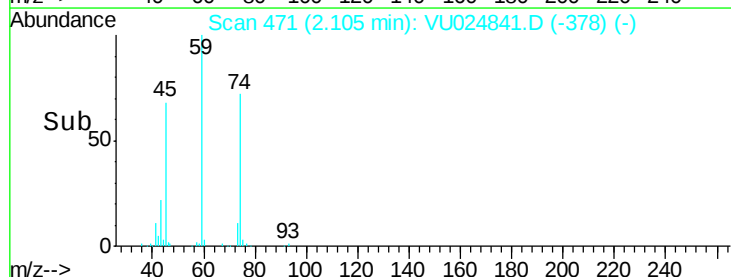
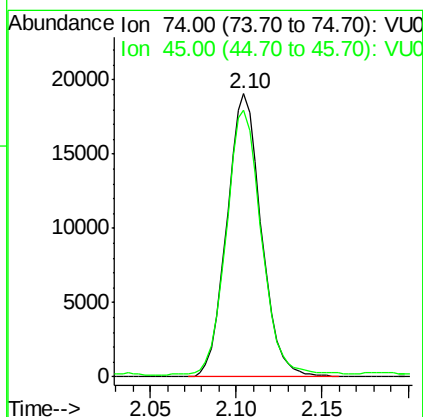
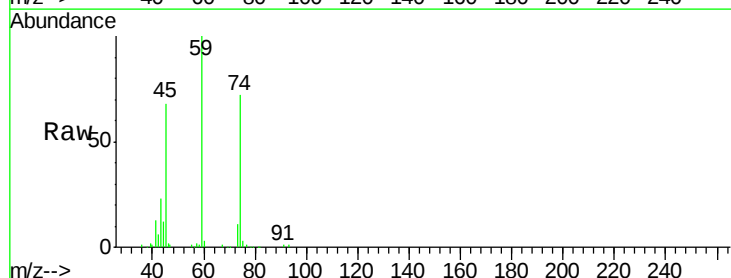
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#8

Diethyl Ether
Concen: 20.69 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.04 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

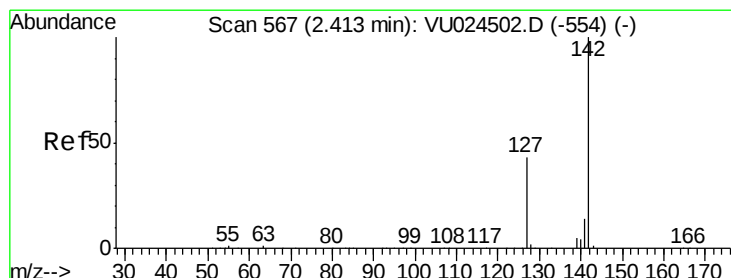
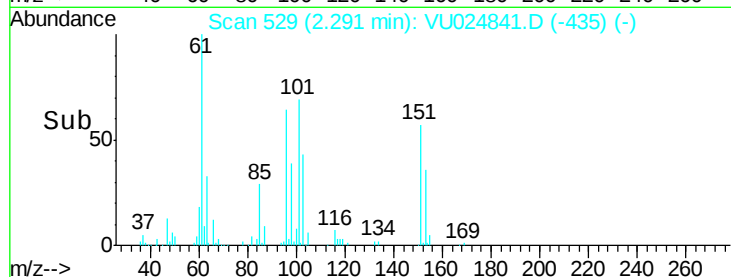
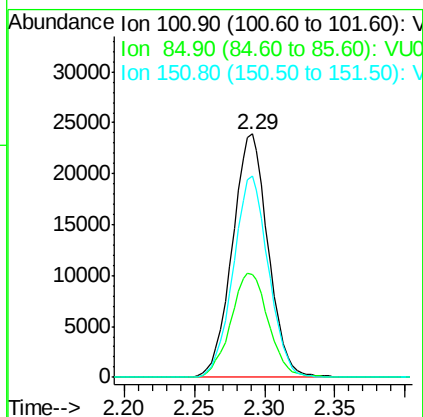
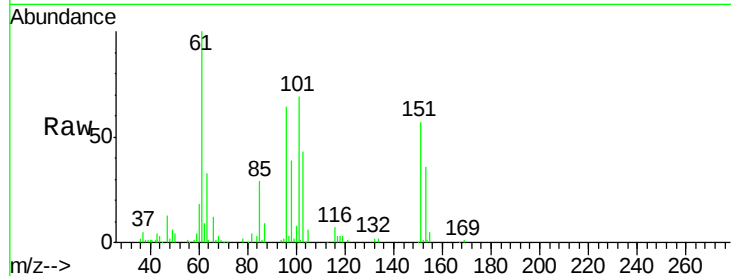
ClientSampleId :

VU0623WBS01

Tot Ion:	101	Resp:	42391
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.0	54.0
151	81.3	62.3	93.5

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#10

Methyl Iodide

Concen: 22.64 ug/l

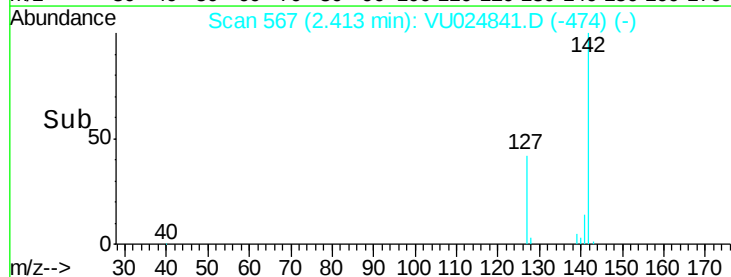
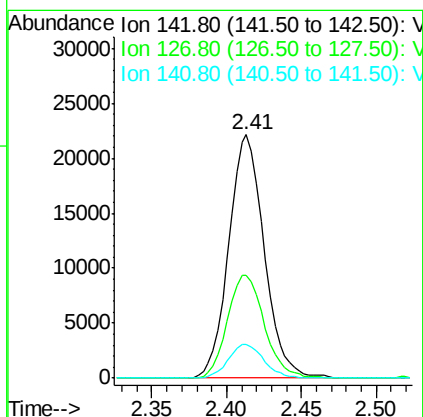
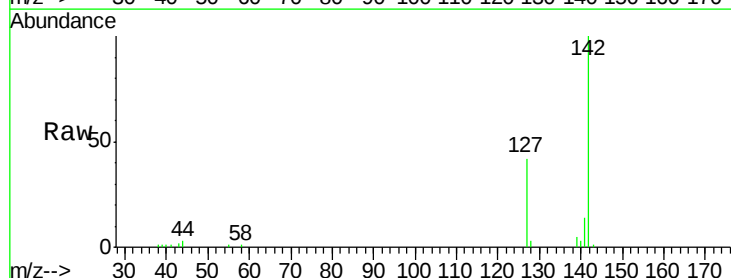
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion:	142	Resp:	36564
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.6	53.4
141	13.8	11.7	17.5





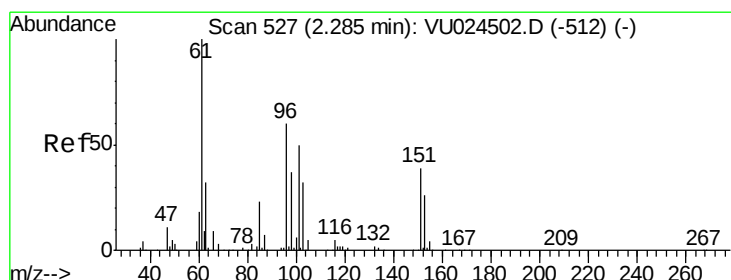
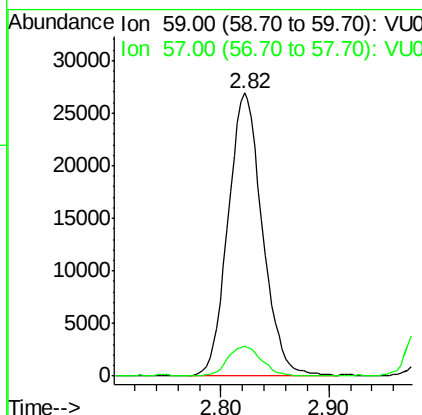
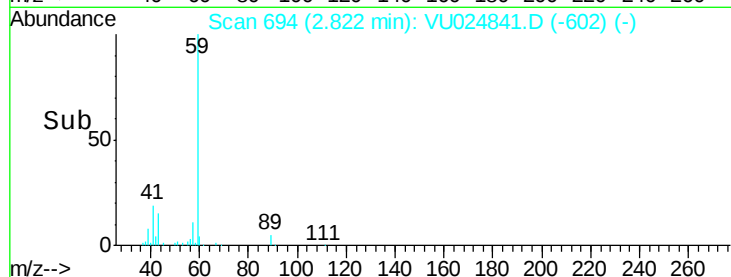
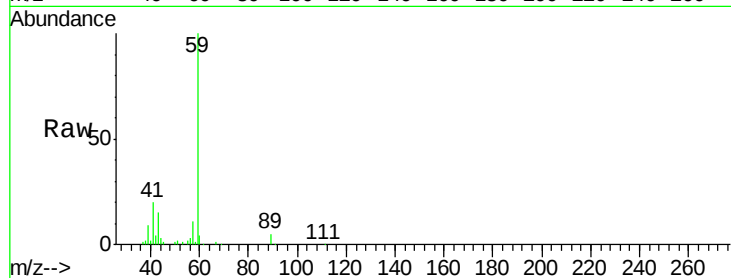
#11
Tert butyl alcohol
Concen: 84.18 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion: 59 Resp: 59606
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

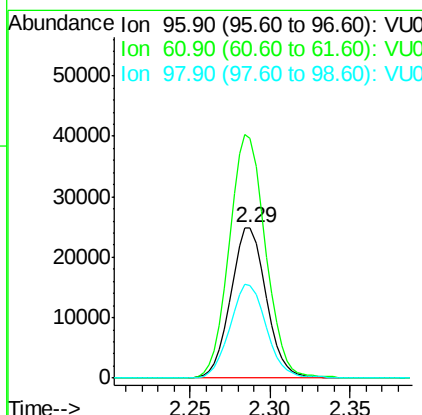
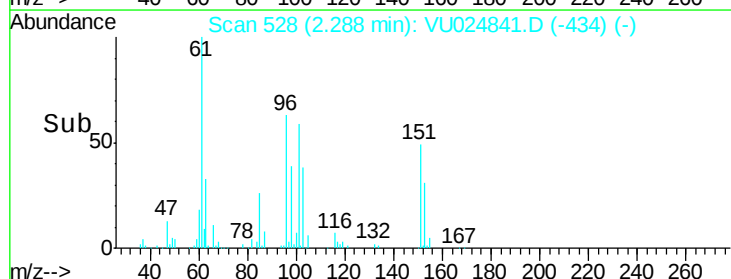
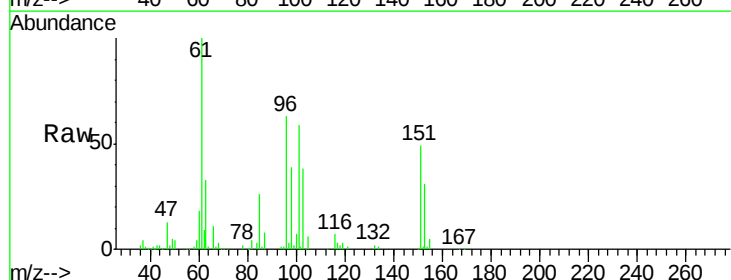
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#12
1,1-Dichloroethene
Concen: 18.51 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion: 96 Resp: 37584
Ion Ratio Lower Upper
96 100
61 159.3 141.7 212.5
98 61.6 51.6 77.4





#13

Acrolein

Concen: 83.01 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 56 Resp: 30865

Ion Ratio Lower Upper

56 100

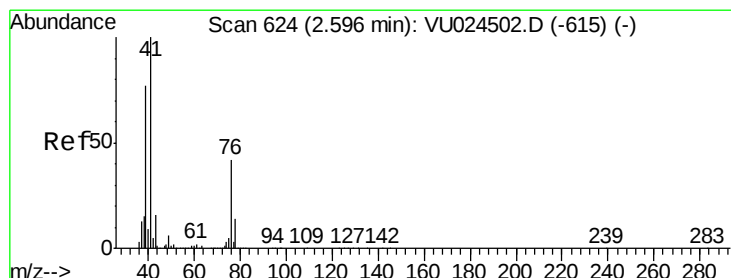
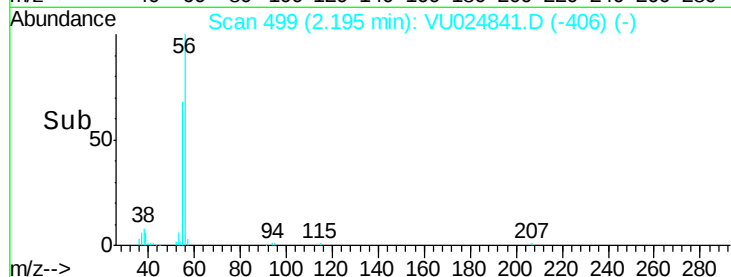
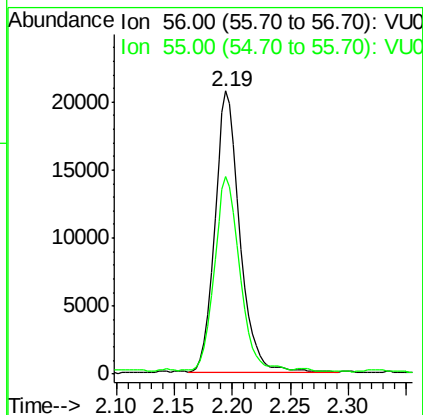
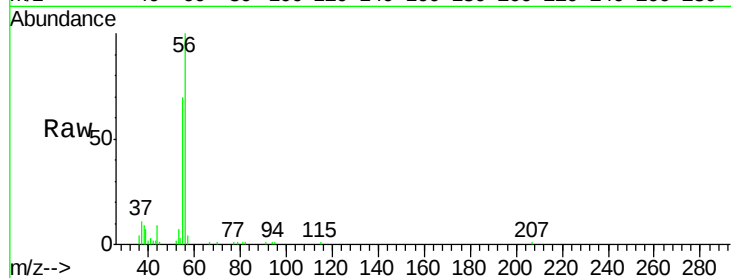
55 69.7 58.4 87.6

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#14

Allyl chloride

Concen: 17.27 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

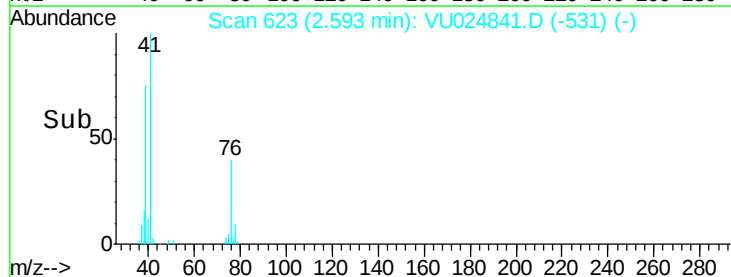
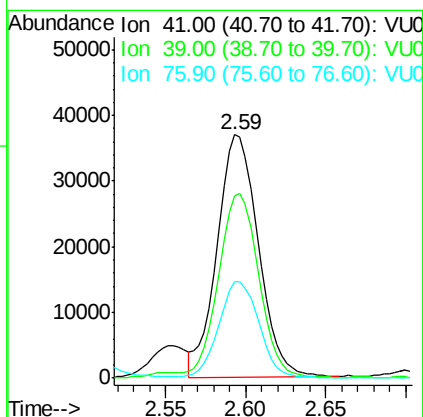
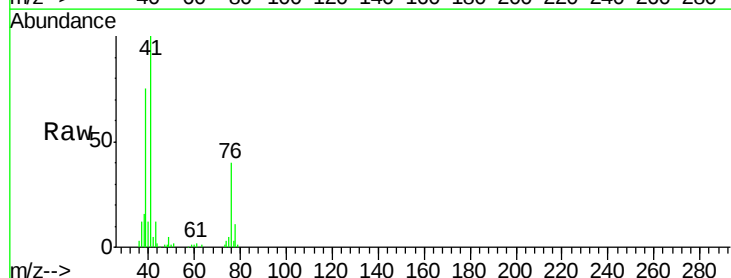
Tgt Ion: 41 Resp: 65108

Ion Ratio Lower Upper

41 100

39 74.1 61.6 92.4

76 38.9 29.7 44.5





#15

Acrylonitrile

Concen: 94.55 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

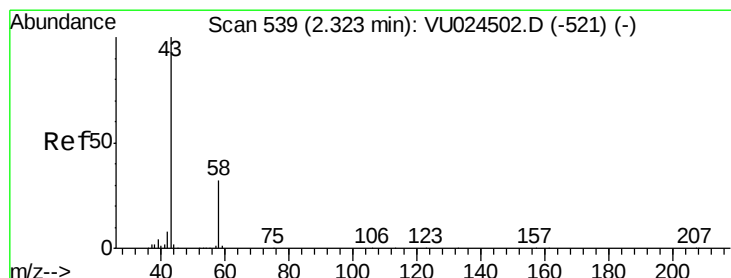
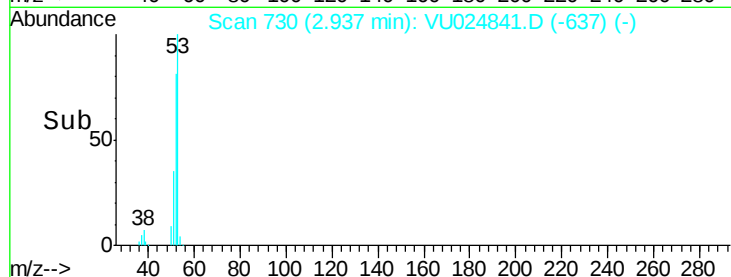
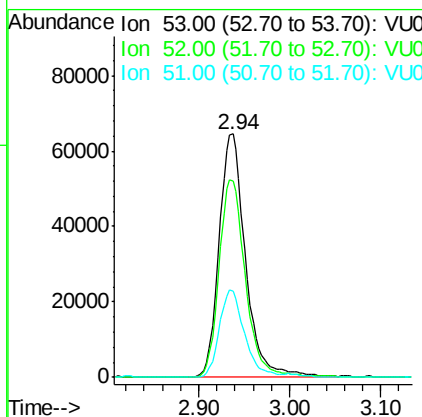
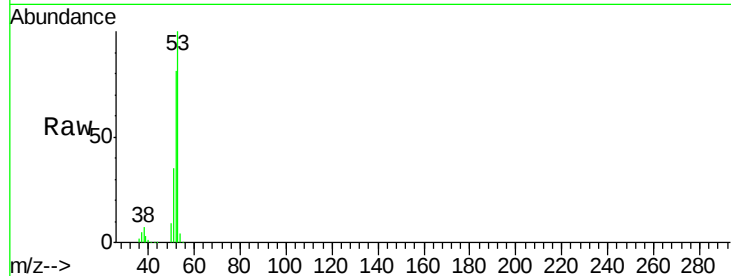
ClientSampleId :

VU0623WBS01

Tot Ion:	53	Resp:	130258
Ion	Ratio	Lower	Upper
53	100		
52	80.8	67.1	100.7
51	34.2	28.4	42.6

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#16

Acetone

Concen: 90.61 ug/l

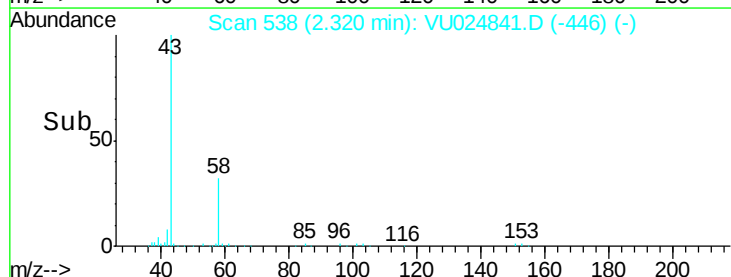
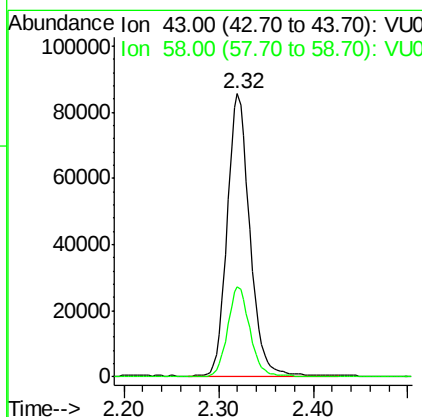
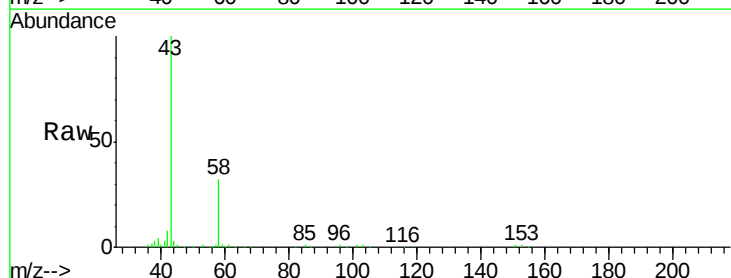
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion:	43	Resp:	141738
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.4	36.6





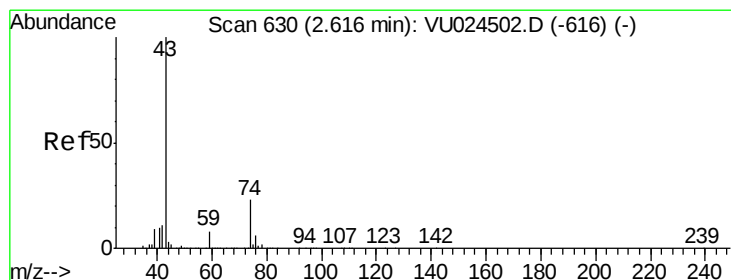
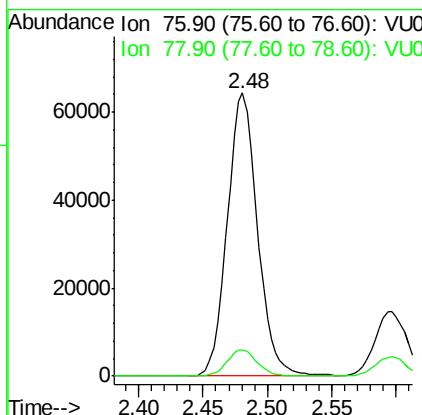
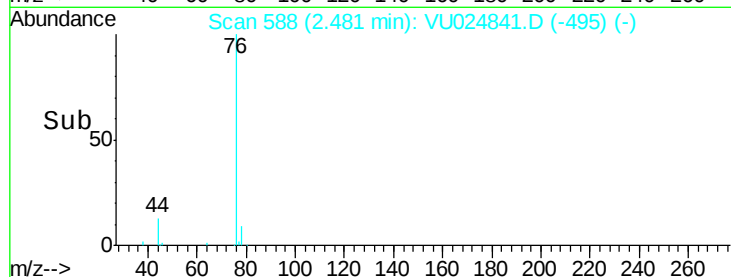
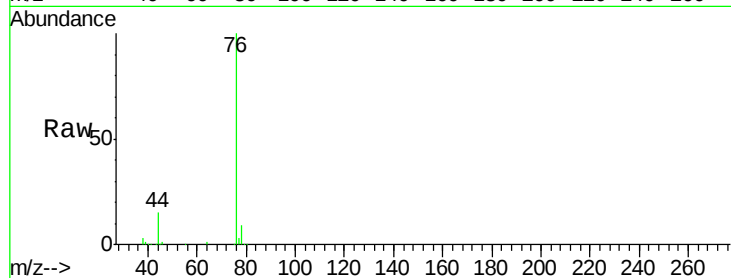
#17
Carbon Disulfide
Concen: 16.11 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

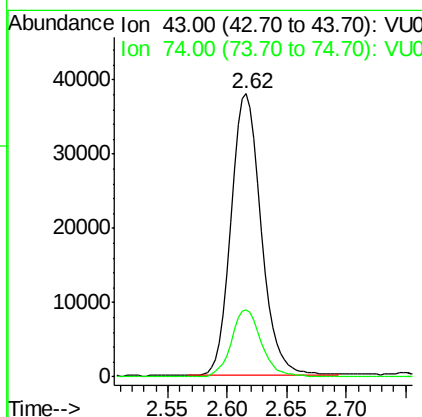
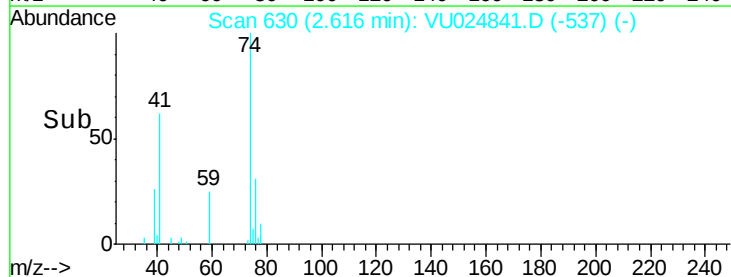
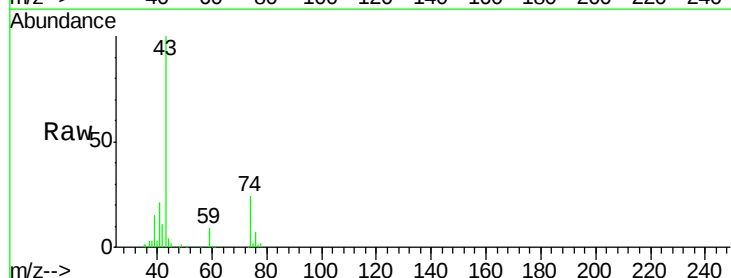
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#18
Methyl Acetate
Concen: 20.01 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.0	27.0





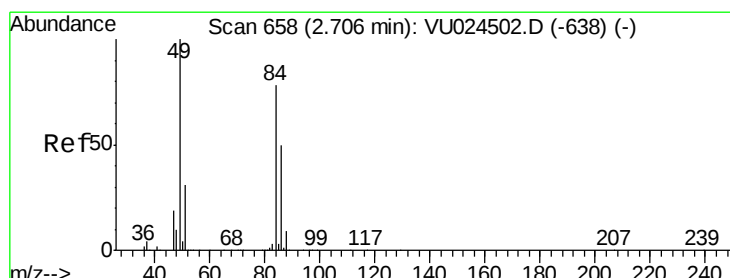
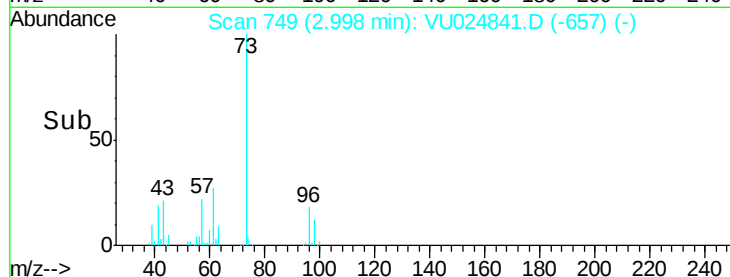
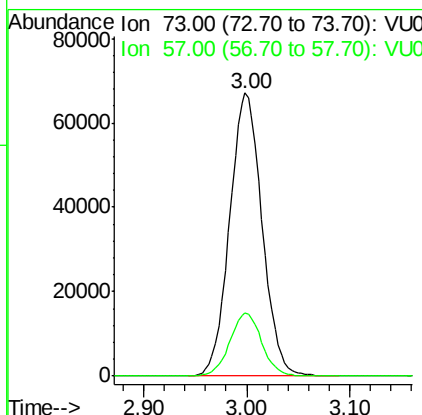
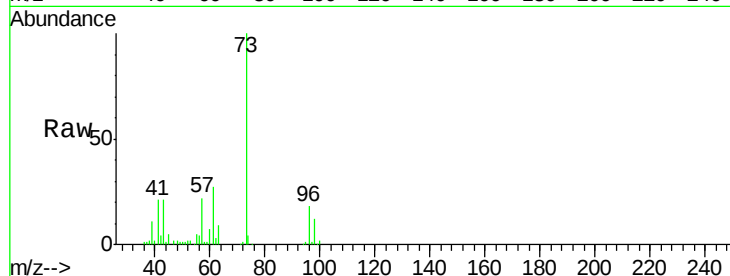
#19
Methyl tert-butyl Ether
Concen: 19.24 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.8	28.2

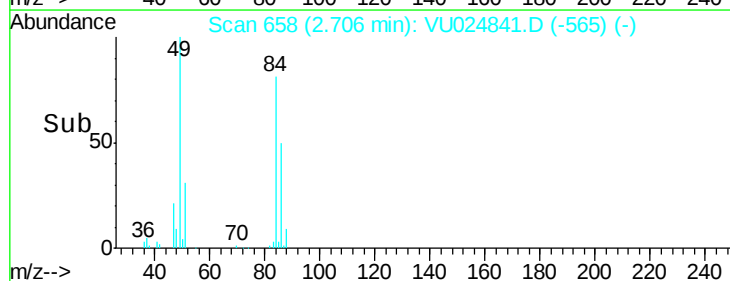
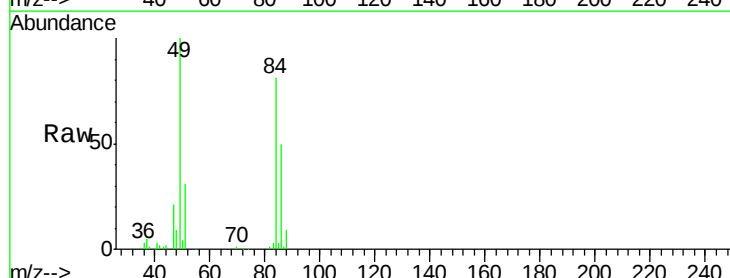
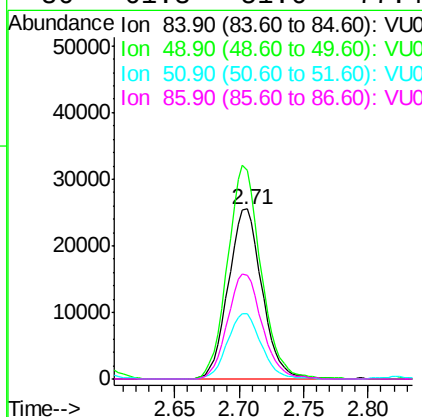
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#20
Methylene Chloride
Concen: 18.93 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	103.8	155.8
51	38.1	32.0	48.0
86	61.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.23 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

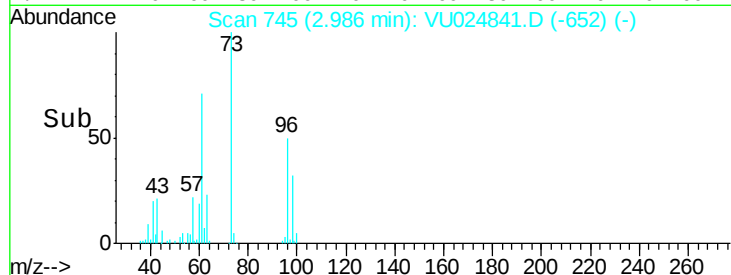
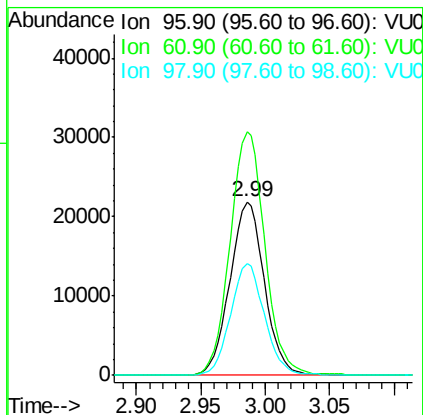
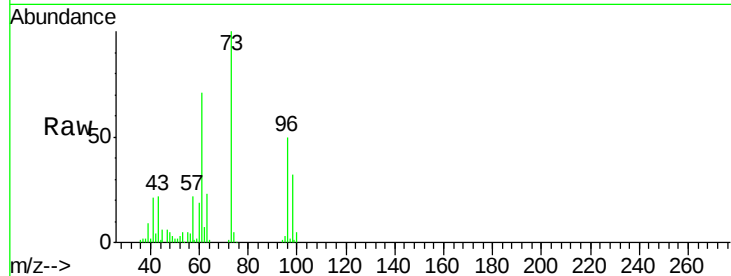
ClientSampleId :

VU0623WBS01

Tot Ion:	96	Resp:	40782
Ion	Ratio	Lower	Upper
96	100		
61	140.5	119.4	179.0
98	64.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.28 ug/l

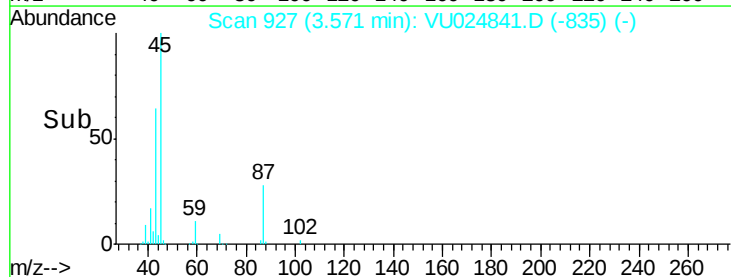
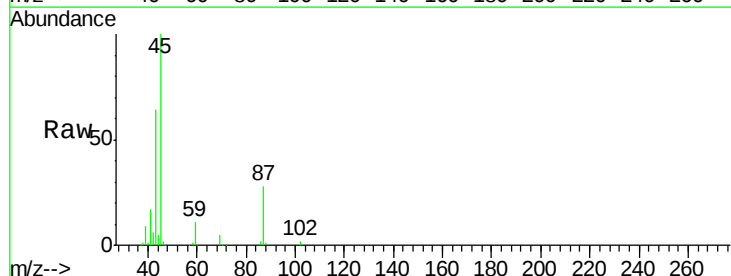
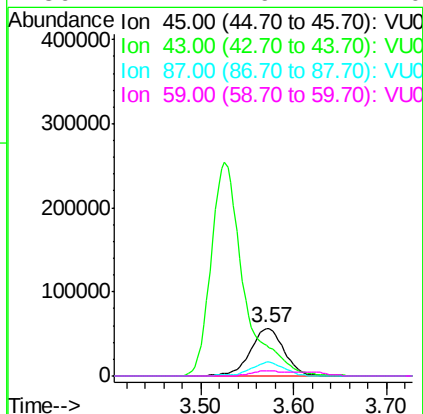
RT: 3.57 min Scan# 927

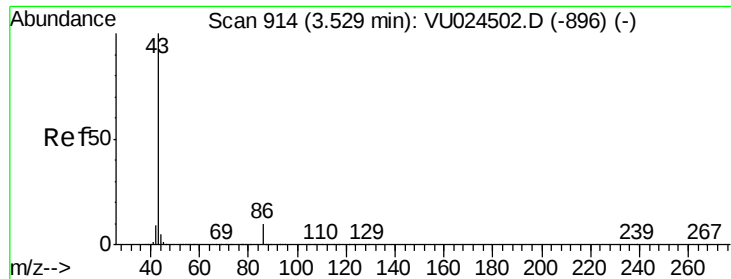
Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion:	45	Resp:	144071
Ion	Ratio	Lower	Upper
45	100		
43	62.4	45.8	68.6
87	28.3	20.6	31.0
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 93.10 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 43 Resp: 623359

Ion Ratio Lower Upper

43 100

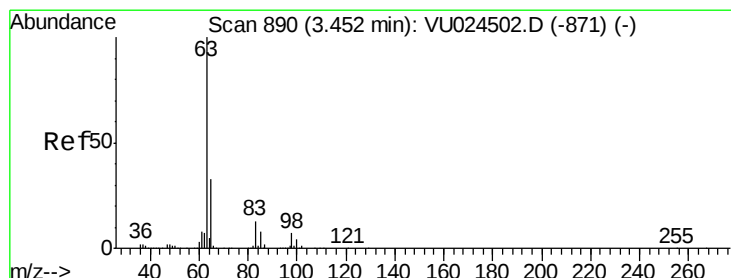
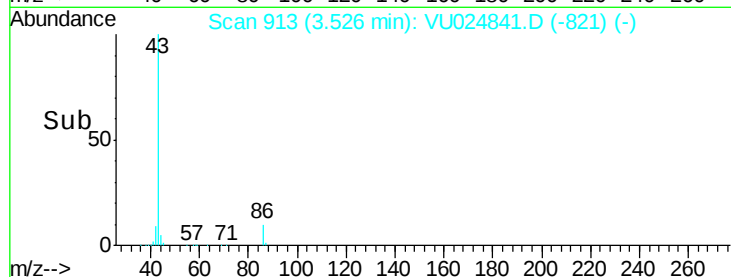
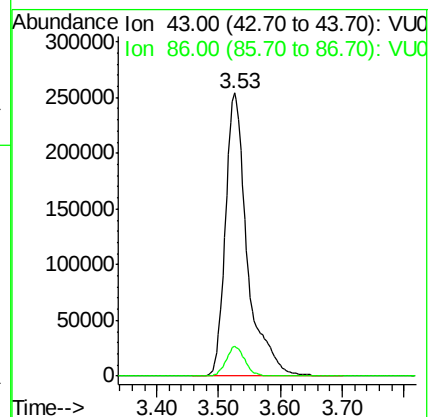
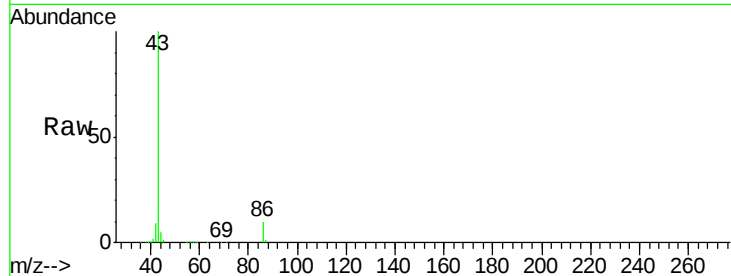
86 10.4 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 19.13 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

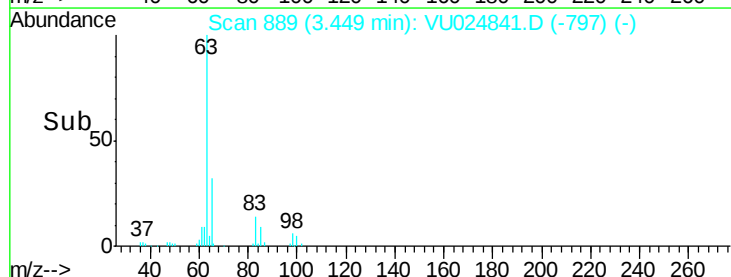
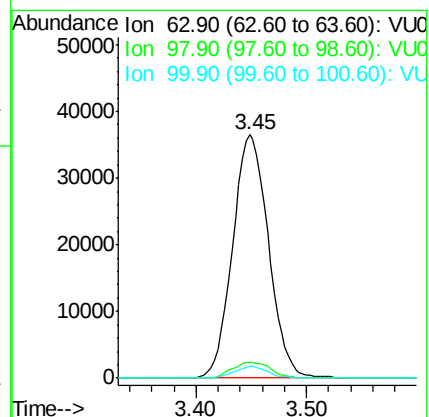
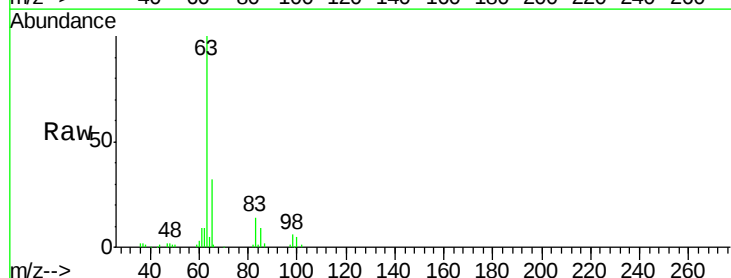
Tgt Ion: 63 Resp: 82241

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.7 1.8 5.5





#25

2-Butanone

Concen: 92.17 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 43 Resp: 193667

Ion Ratio Lower Upper

43 100

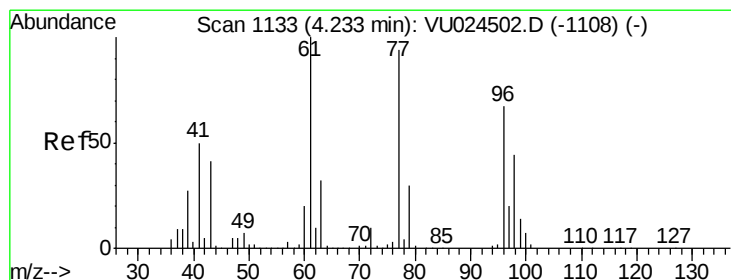
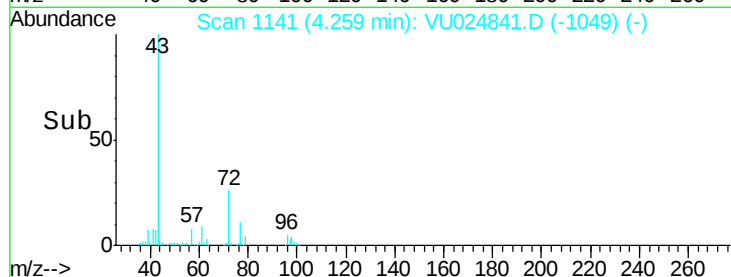
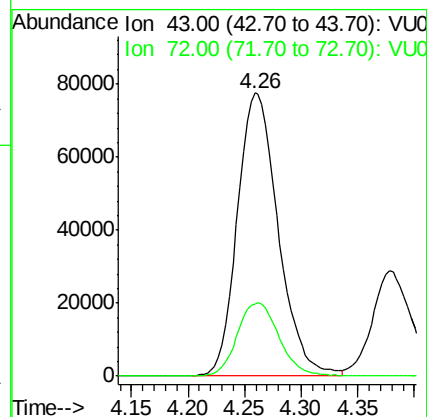
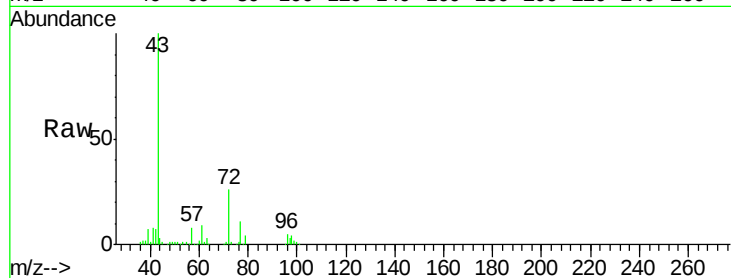
72 25.4 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 19.04 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024841.D

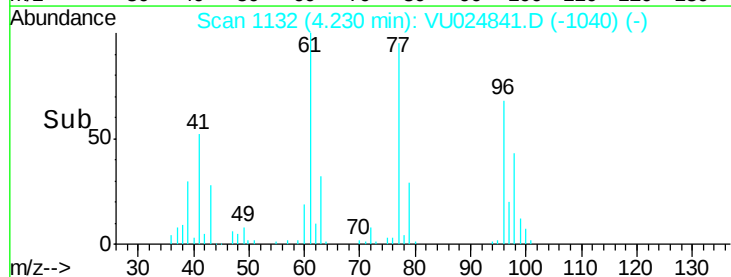
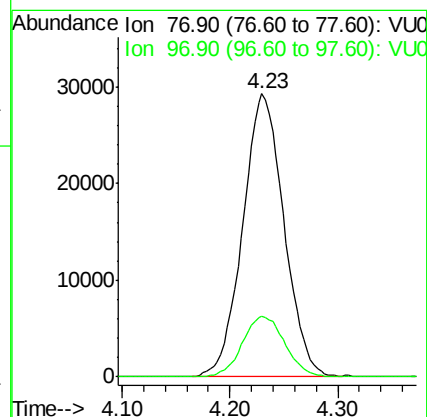
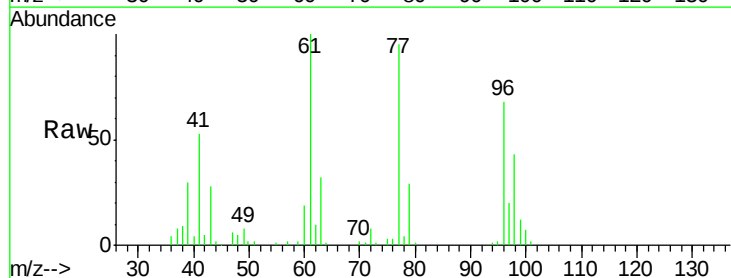
Acq: 22 Jun 2018 19:01

Tgt Ion: 77 Resp: 77716

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.24 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

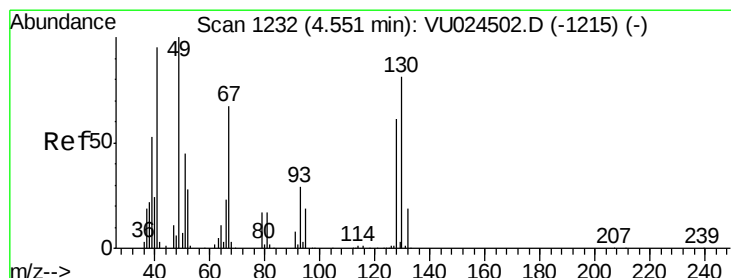
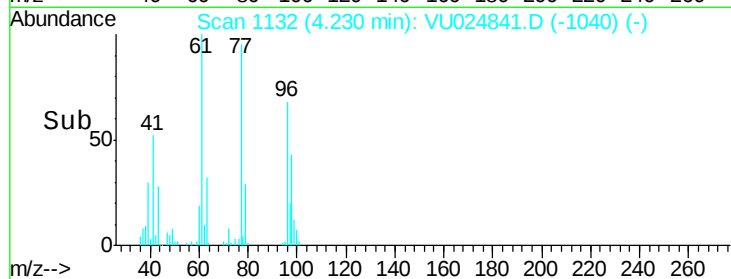
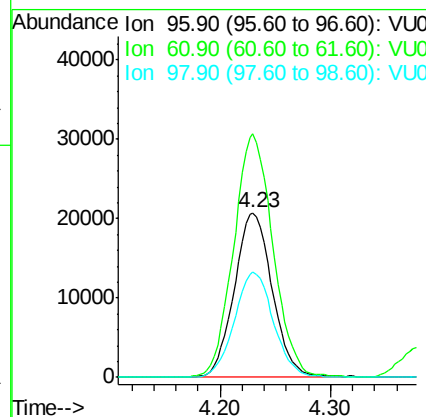
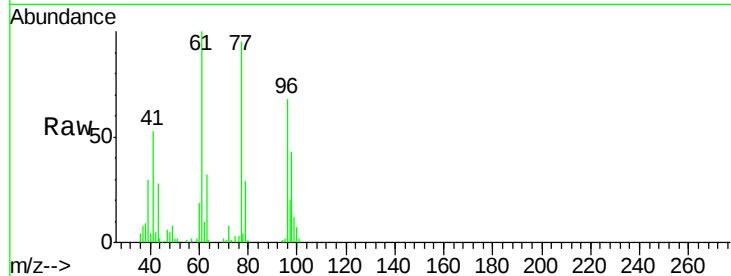
ClientSampleId :

VU0623WBS01

Tot Ion:	96	Resp:	49461
Ion Ratio	Lower	Upper	
96	100		
61	153.4	0.0	306.6
98	65.5	0.0	128.8

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#28

Bromochloromethane

Concen: 19.08 ug/l

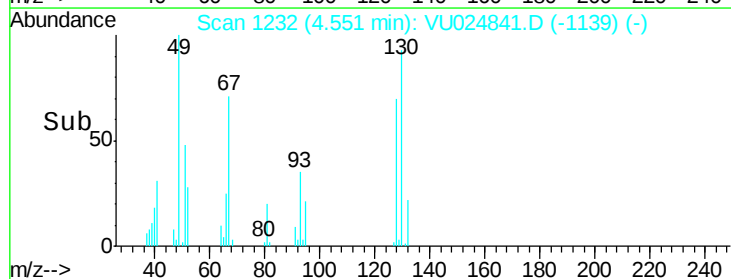
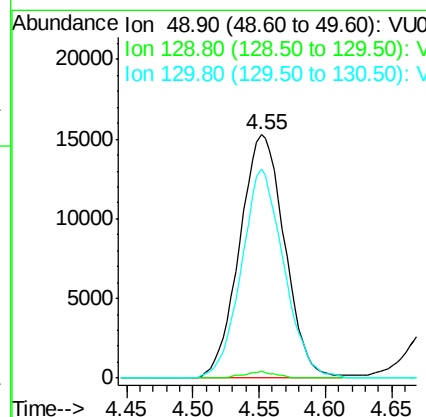
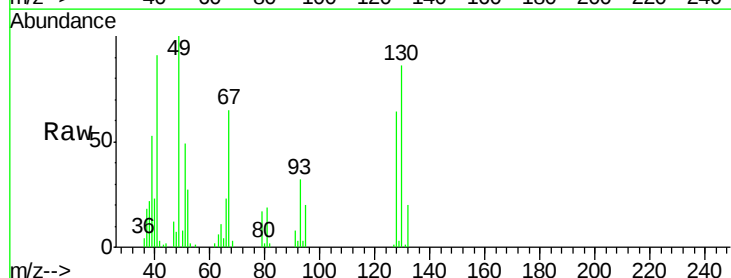
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion:	49	Resp:	36143
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.8
130	80.9	57.8	86.6





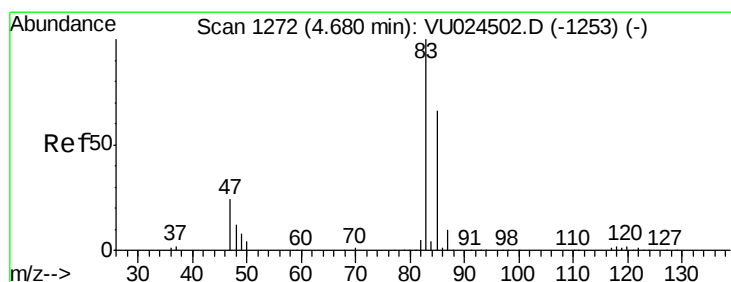
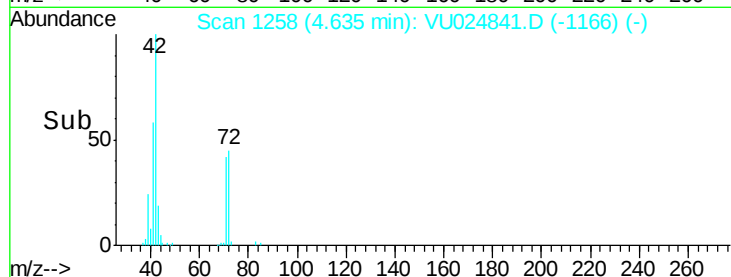
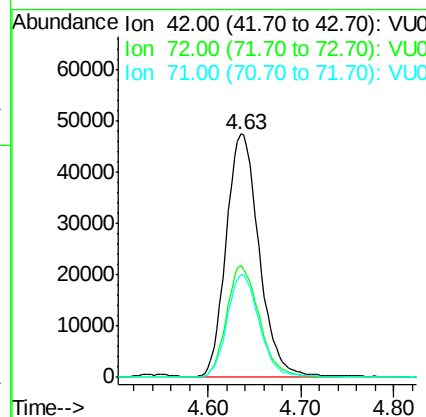
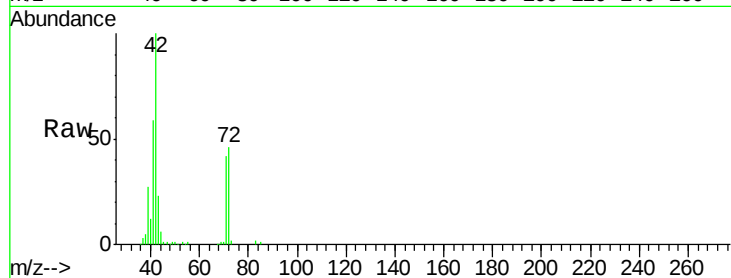
#29
Tetrahydrofuran
Concen: 89.18 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.5	51.7
71	41.7	32.2	48.4

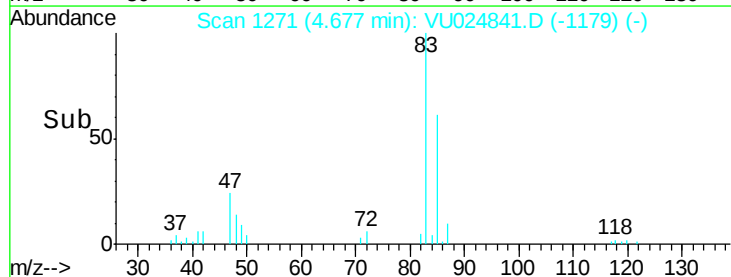
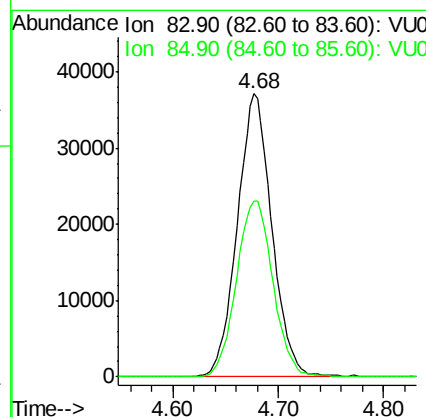
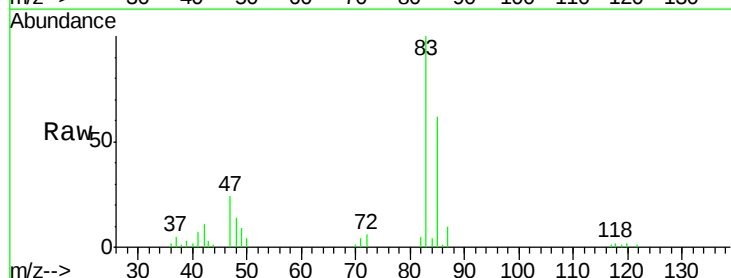
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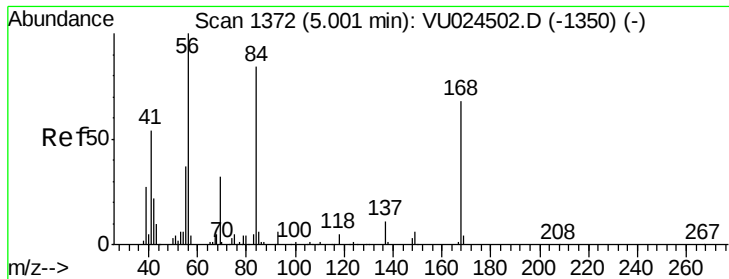
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#30
Chloroform
Concen: 19.38 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.4	78.6





#31

Cyclohexane

Concen: 18.10 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU024841.D

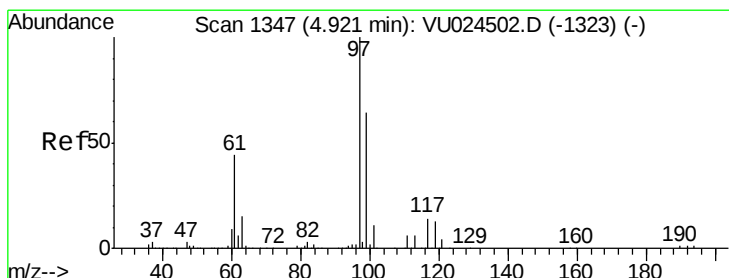
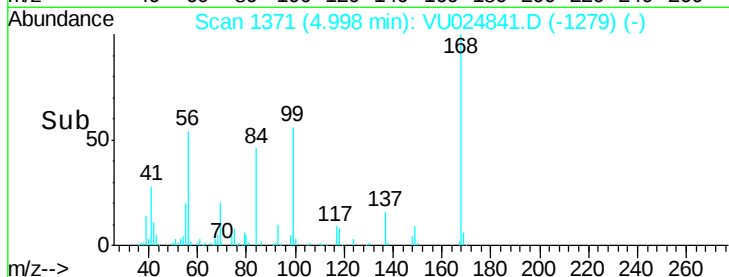
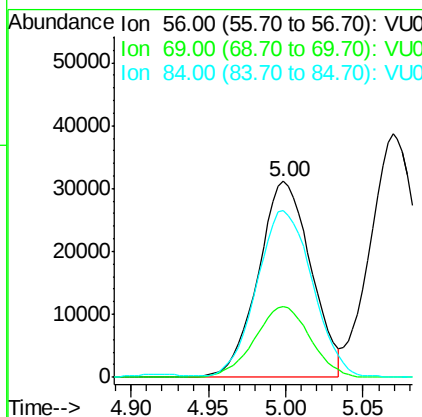
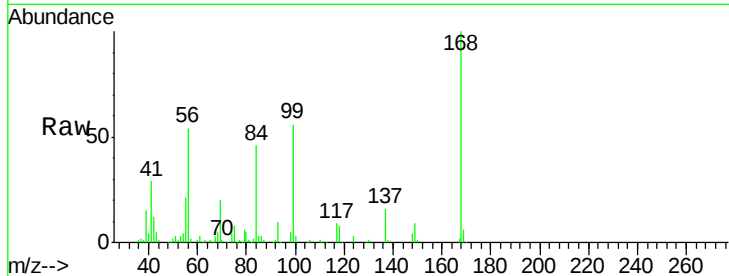
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion:	56	Resp:	73921
Ion	Ratio	Lower	Upper
56	100		
69	36.3	24.8	37.2
84	84.6	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 19.06 ug/l

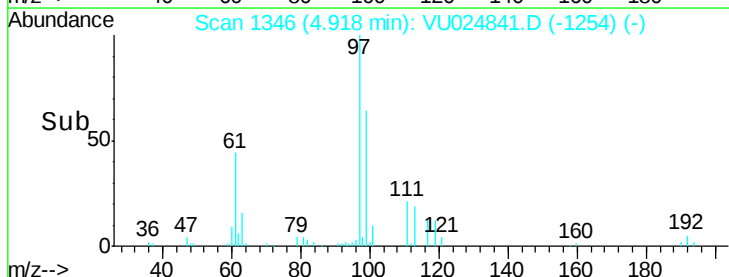
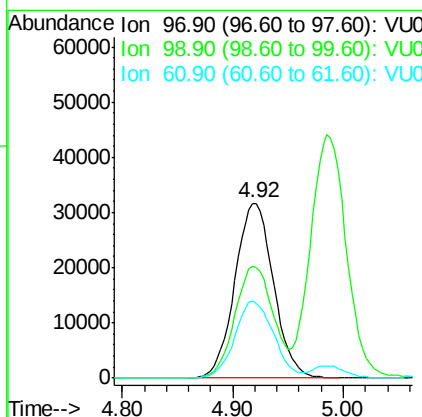
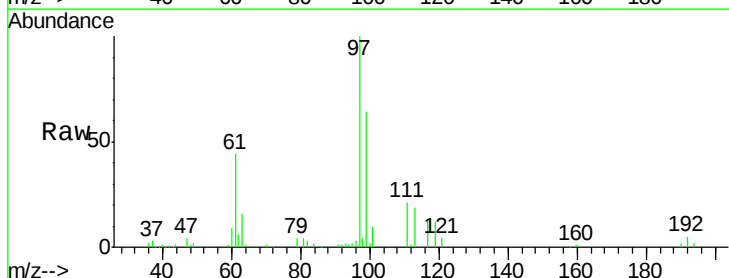
RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion:	97	Resp:	76693
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.6
61	44.3	39.4	59.0





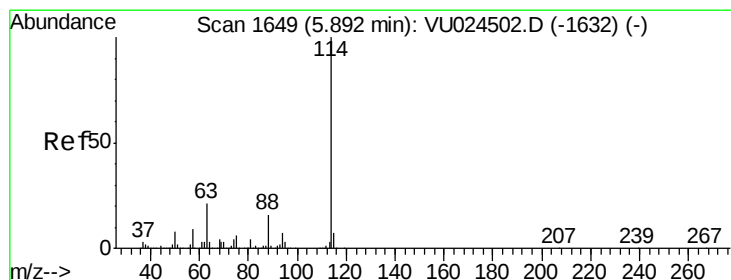
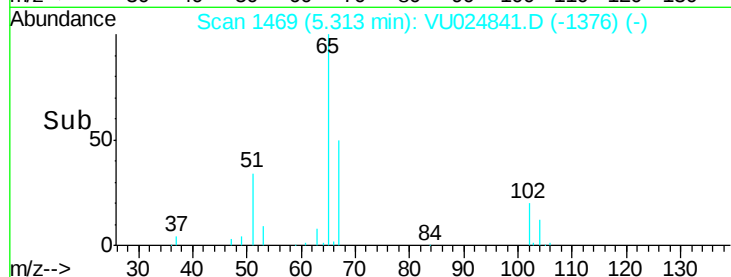
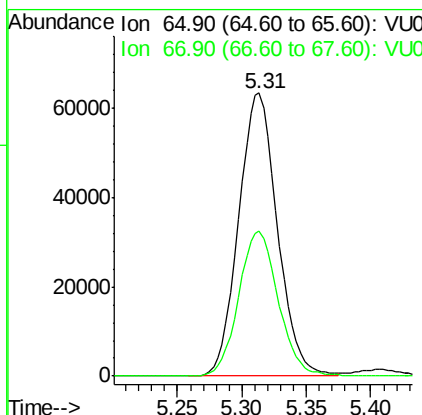
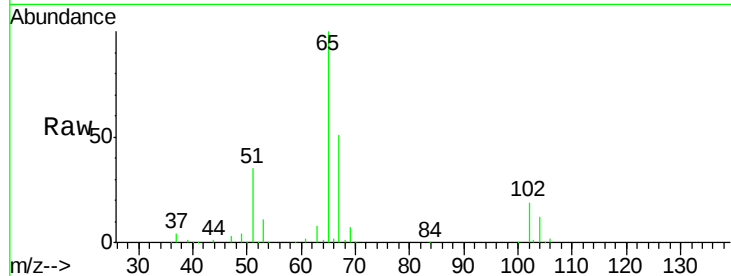
#33
 1,2-Dichloroethane-d4
 Concen: 45.62 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132811		
67	52.3	0.0	107.0	

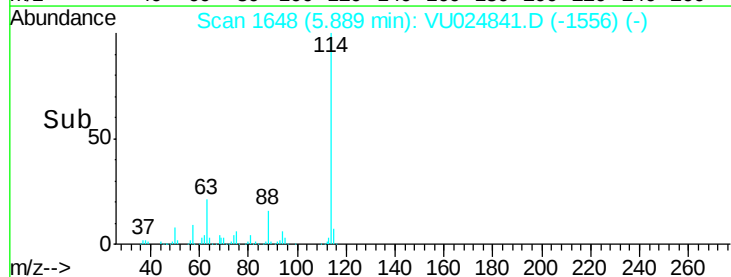
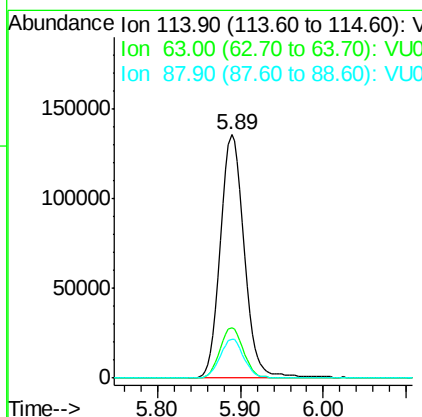
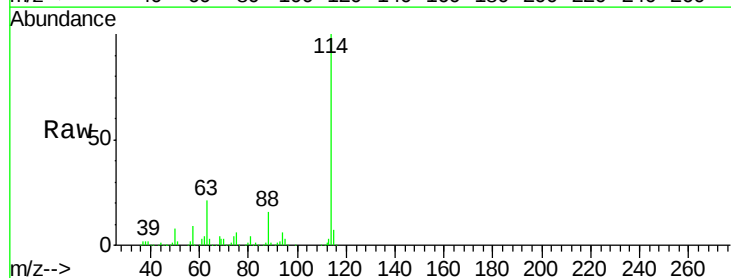
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	271449		
63	20.8	0.0	45.4	
88	16.1	0.0	31.0	





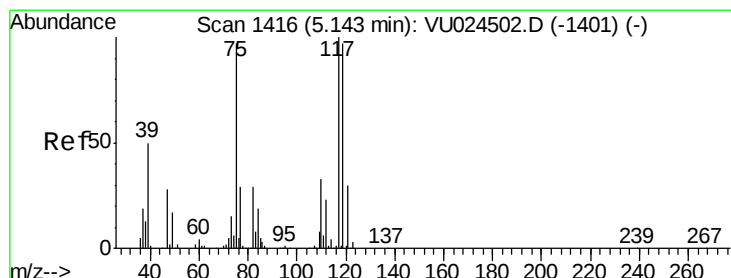
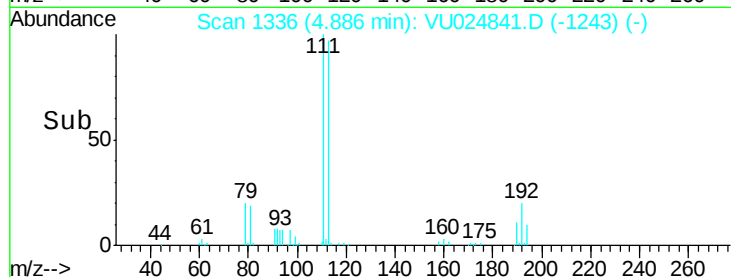
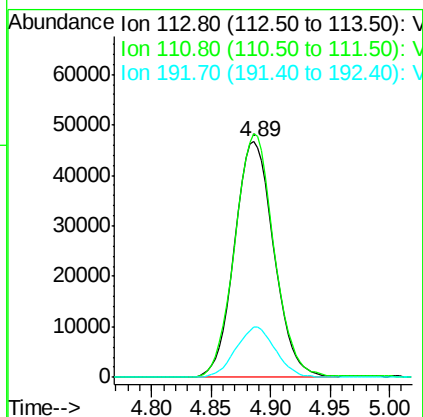
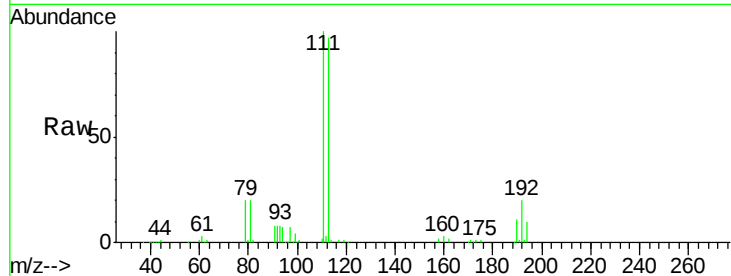
#35
 Dibromofluoromethane
 Concen: 47.67 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107383		
111	102.7		82.2	123.4
192	21.4		16.2	24.4

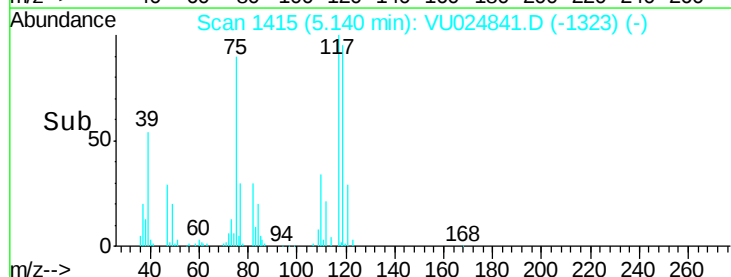
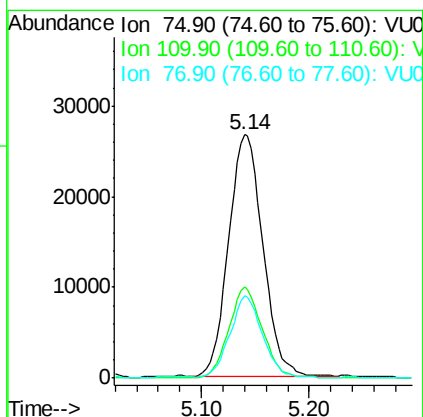
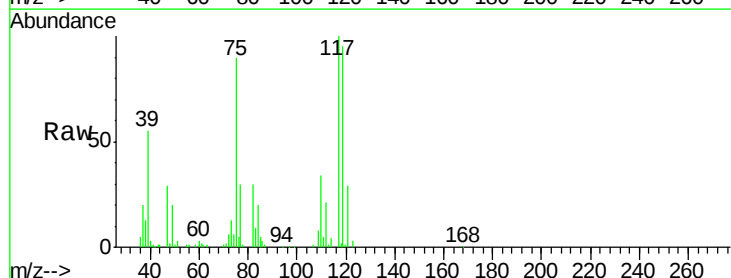
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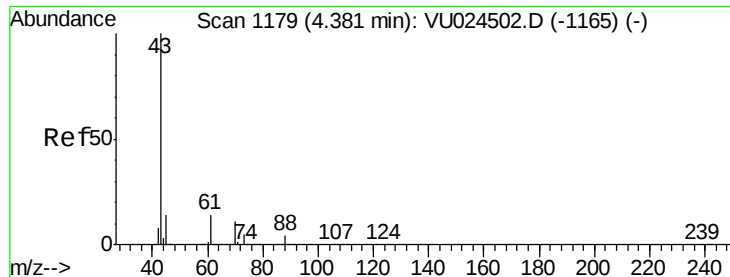
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#36
 1,1-Dichloropropene
 Concen: 18.64 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59467		
110	36.3		17.0	50.9
77	32.3		24.2	36.4





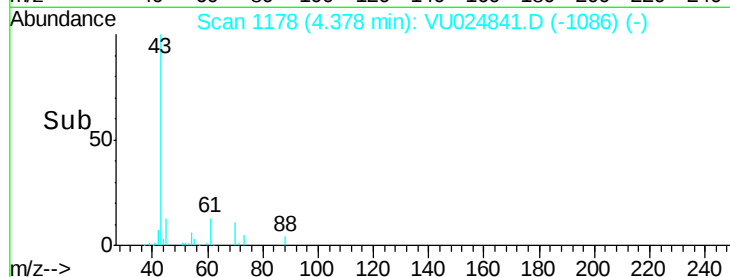
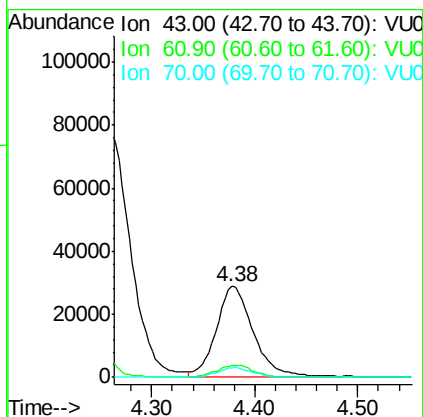
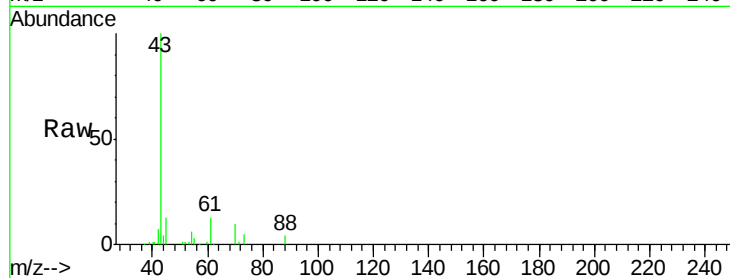
#37
Ethyl Acetate
Concen: 20.24 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampled :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.5	15.7
70	10.4	7.4	11.2

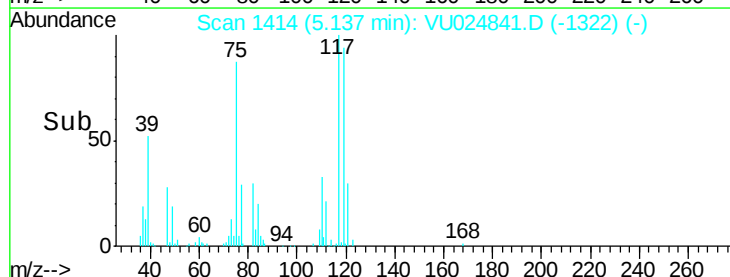
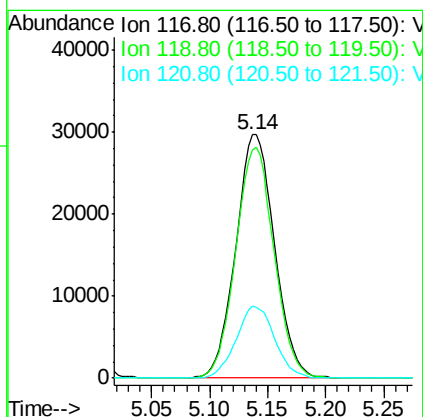
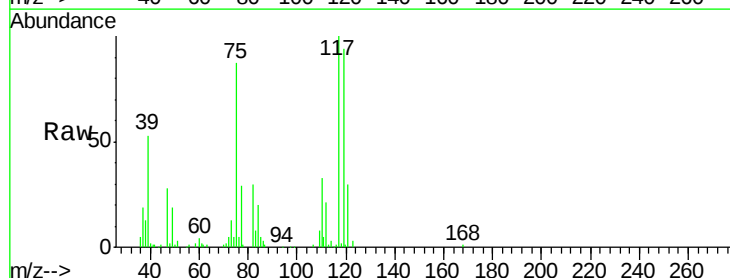
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#38
Carbon Tetrachloride
Concen: 19.63 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.1	114.1
121	29.7	23.7	35.5





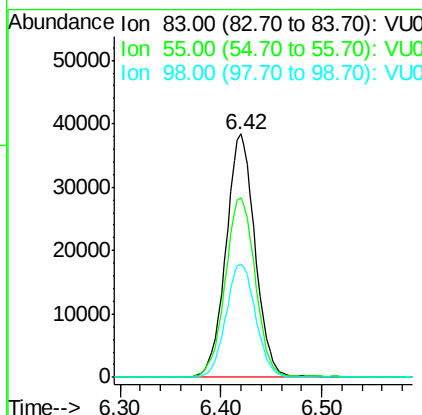
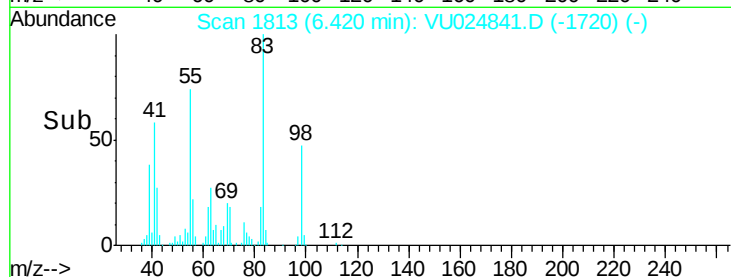
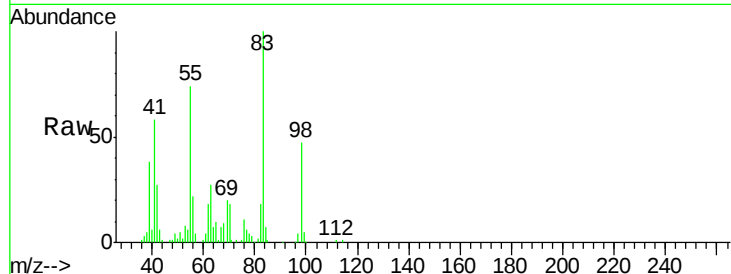
#39
Methvlcvclohexane
Concen: 19.38 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	65.8	98.6
98	46.6	36.7	55.1

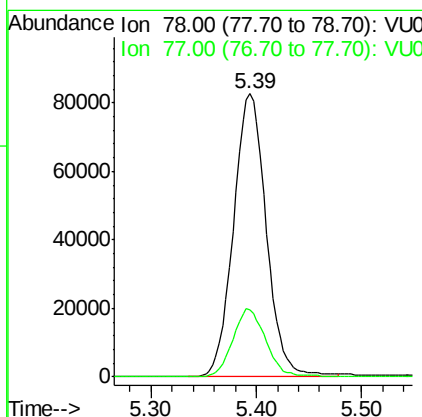
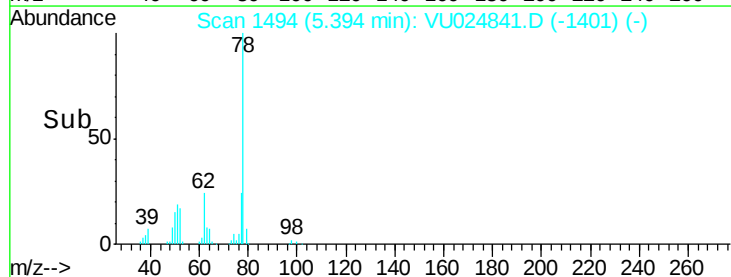
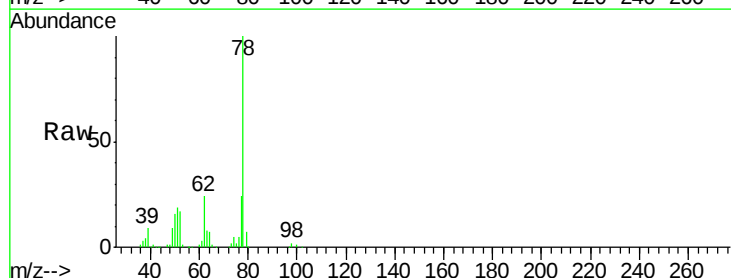
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#40
Benzene
Concen: 19.64 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





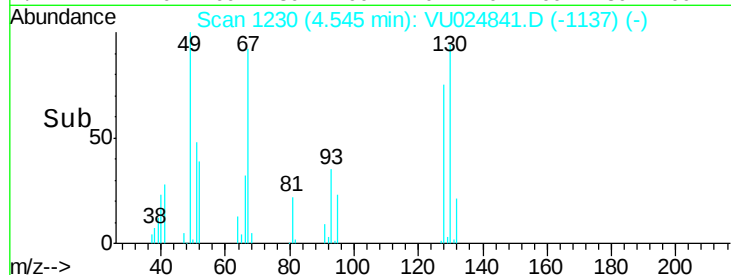
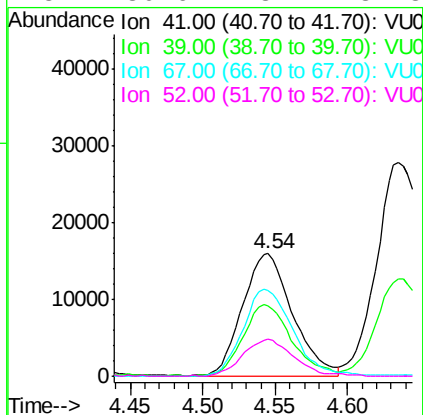
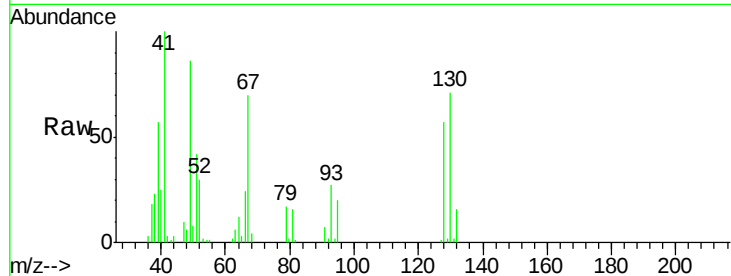
#41
Methacrylonitrile
Concen: 20.49 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		38401		
39	57.3	43.8	65.6		
67	71.5	56.3	84.5		
52	30.6	23.2	34.8		

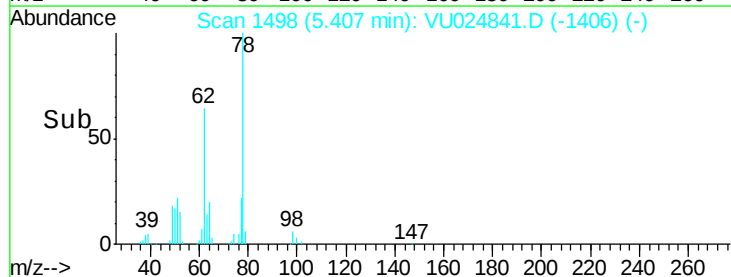
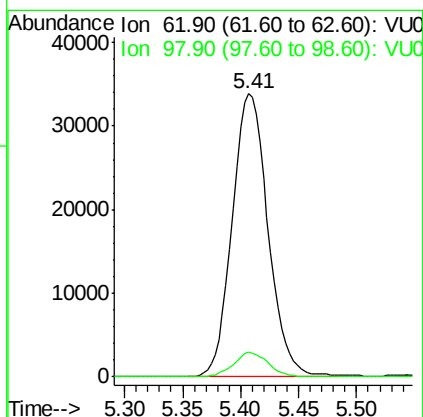
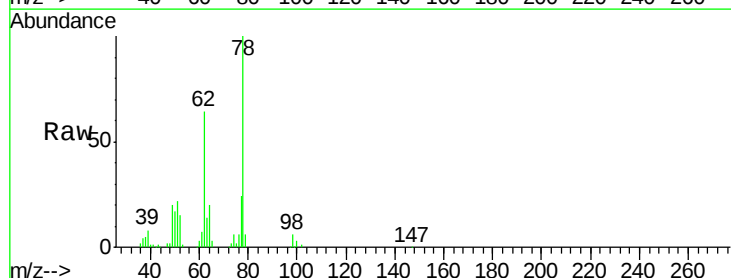
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#42
1,2-Dichloroethane
Concen: 20.98 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		72637		
98	8.4	0.0	16.6		





#43

Isopropyl Acetate

Concen: 19.23 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

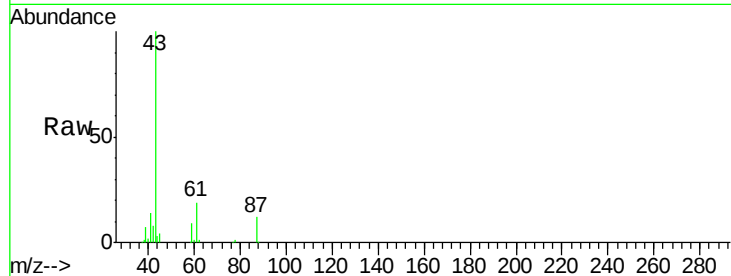
ClientSampleId :

VU0623WBS01

Tot Ion:	43	Resp:	115568
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	12.9	10.0	15.0

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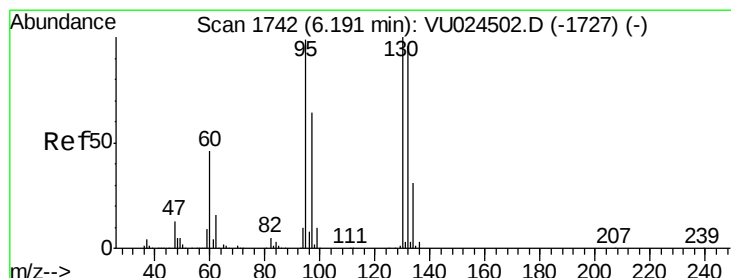
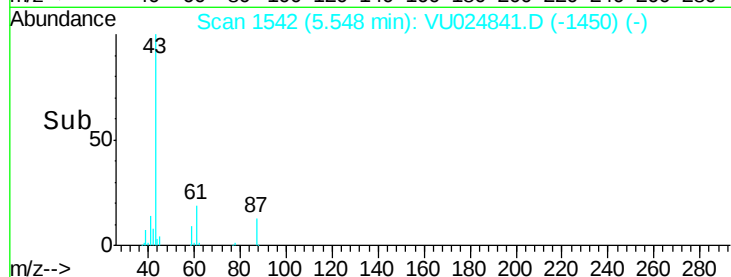
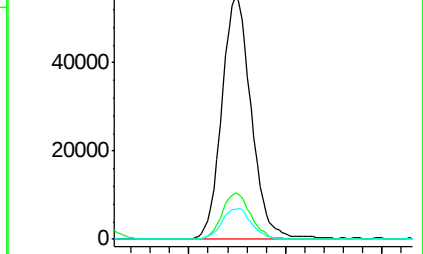
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Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)



#44

Trichloroethene

Concen: 19.24 ug/l

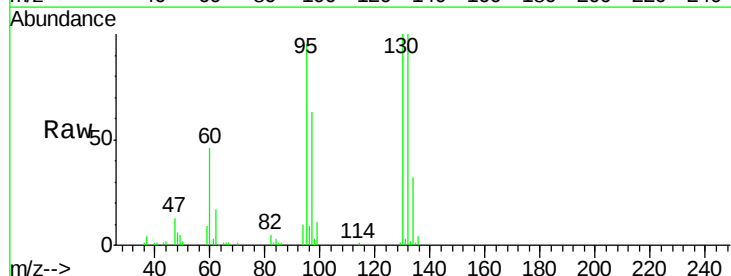
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024841.D

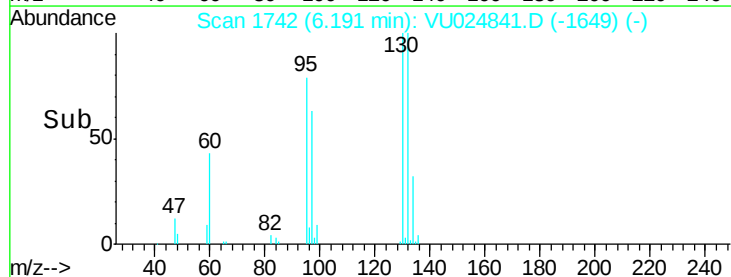
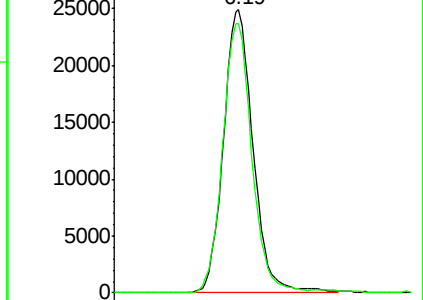
Acq: 22 Jun 2018 19:01

Tgt Ion:	130	Resp:	49765
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)





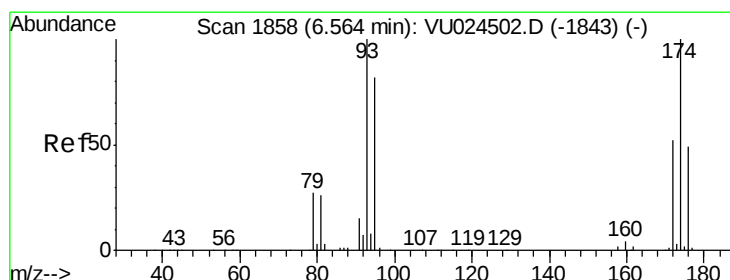
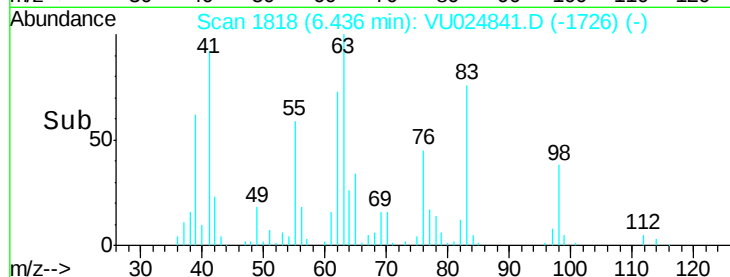
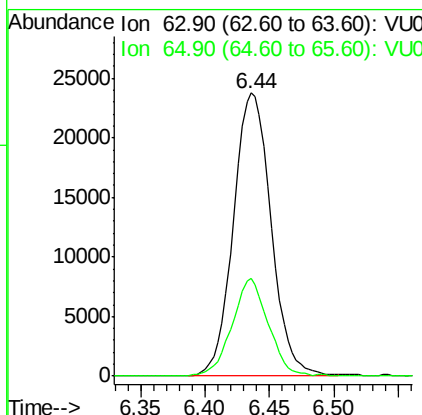
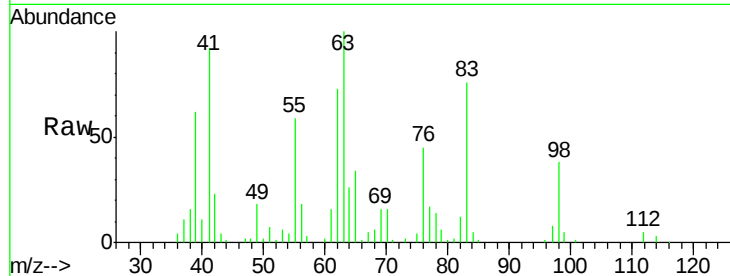
#45
 1,2-Dichloropropane
 Concen: 19.97 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion: 63 Resp: 48437
 Ion Ratio Lower Upper
 63 100
 65 34.3 24.8 37.2

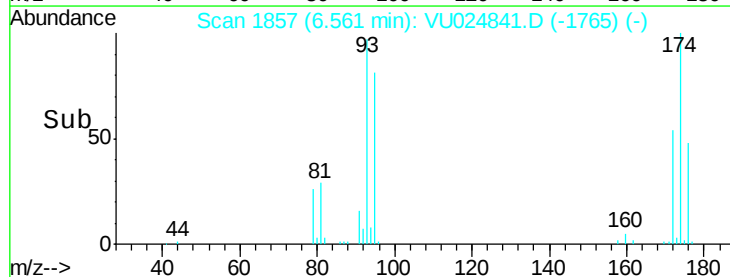
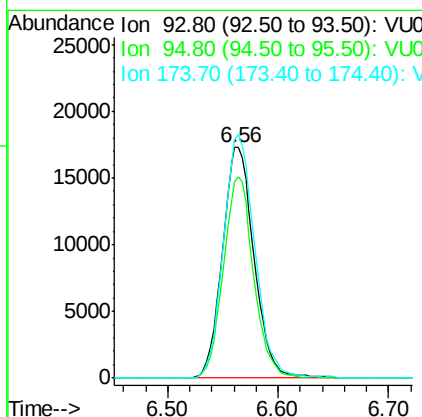
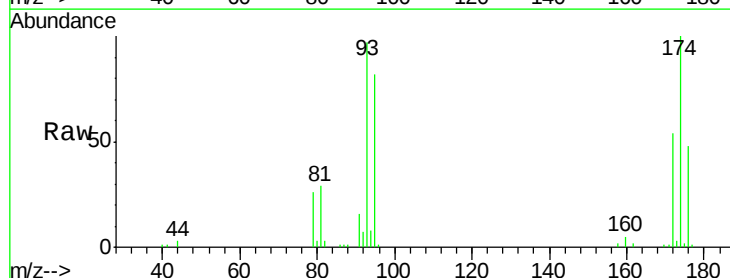
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#46
 Dibromomethane
 Concen: 20.20 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion: 93 Resp: 34413
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.5 98.3
 174 104.2 78.7 118.1





#47

Bromodichloromethane

Concen: 19.57 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

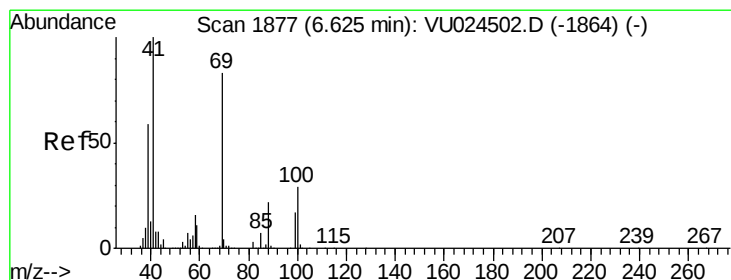
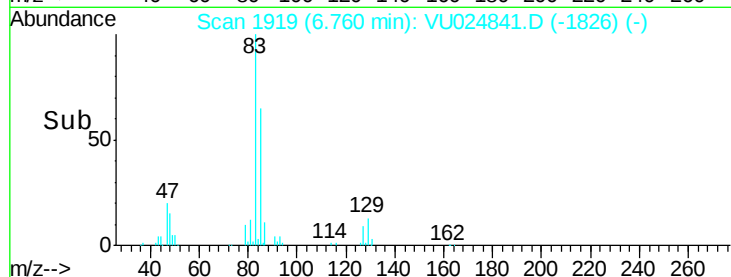
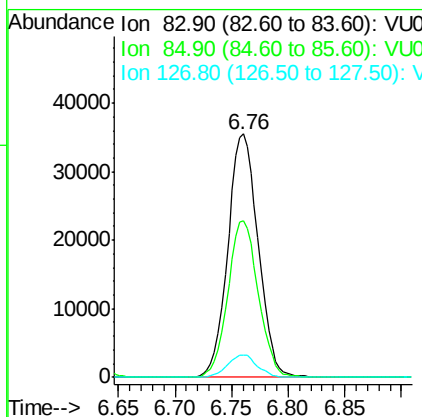
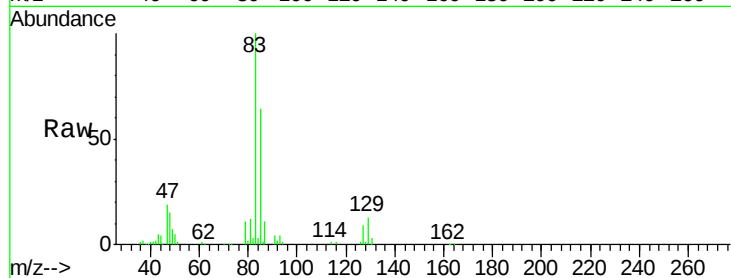
ClientSampleId :

VU0623WBS01

Tot Ion:	83	Resp:	66370
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9
127	9.3	6.6	9.8

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#48

Methyl methacrylate

Concen: 19.63 ug/l

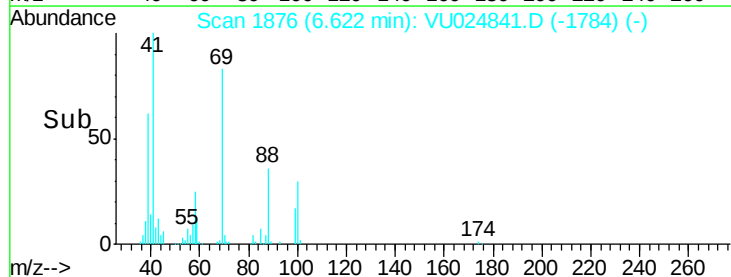
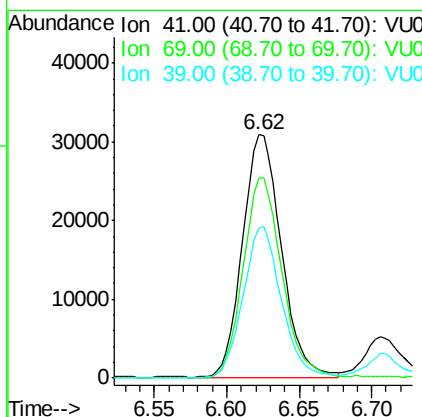
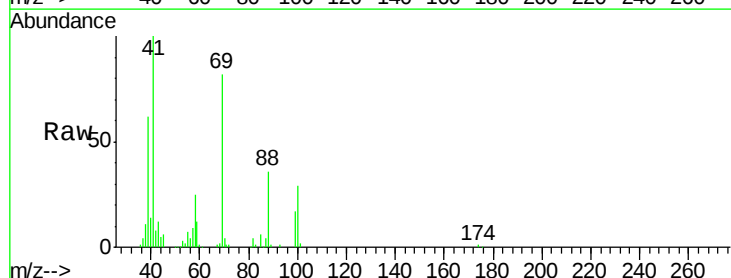
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion:	41	Resp:	57445
Ion	Ratio	Lower	Upper
41	100		
69	82.7	67.3	100.9
39	61.7	46.5	69.7





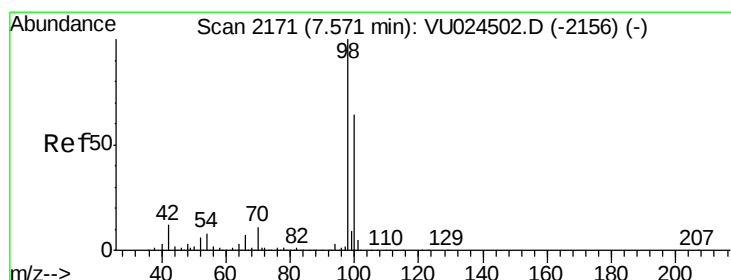
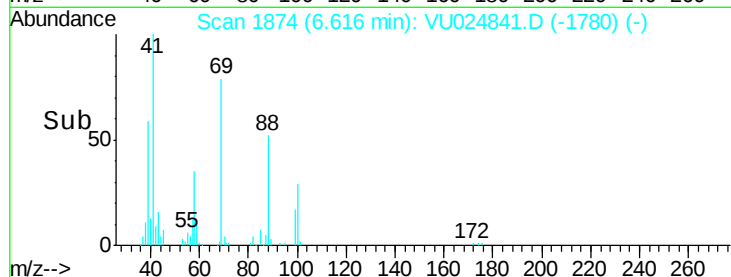
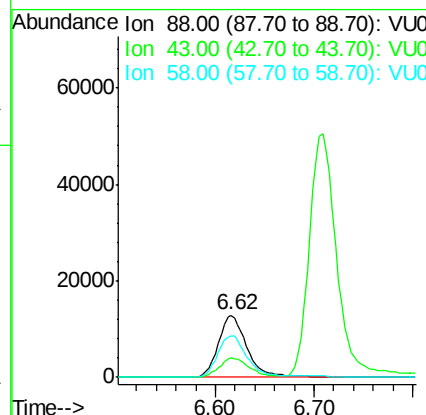
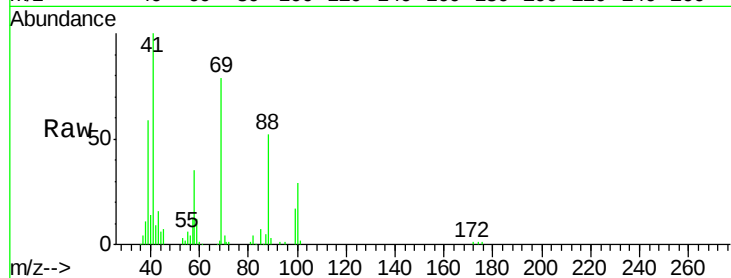
#49
1,4-Dioxane
Concen: 455.60 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	28.6	42.8
58	69.9	58.2	87.4

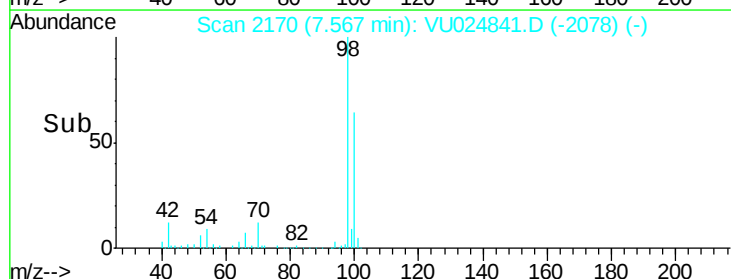
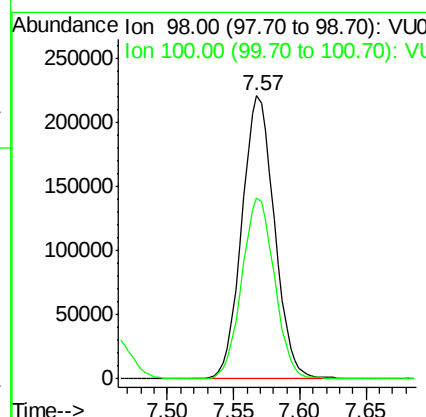
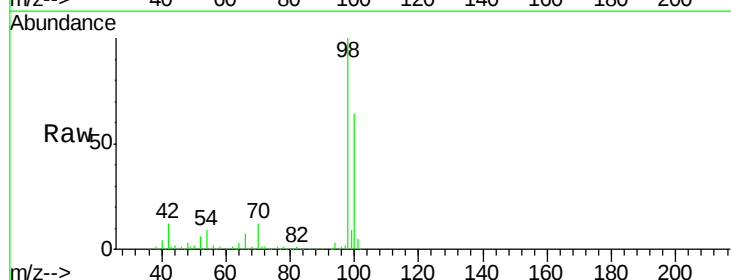
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#50
Toluene-d8
Concen: 45.97 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





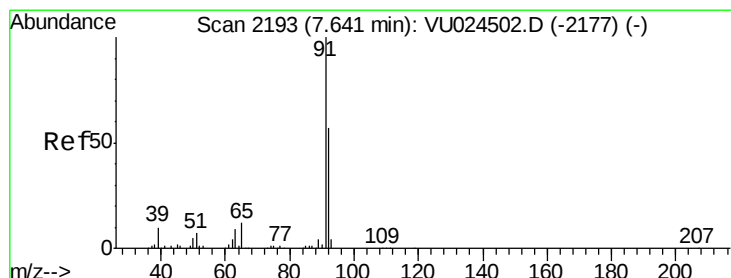
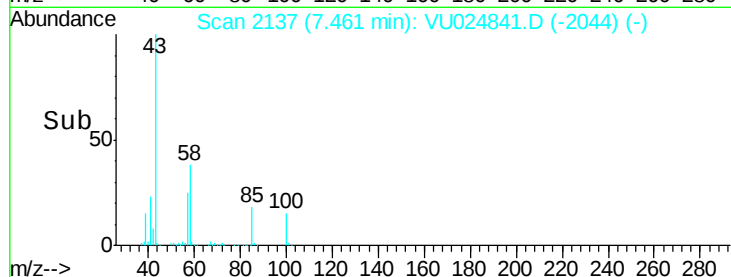
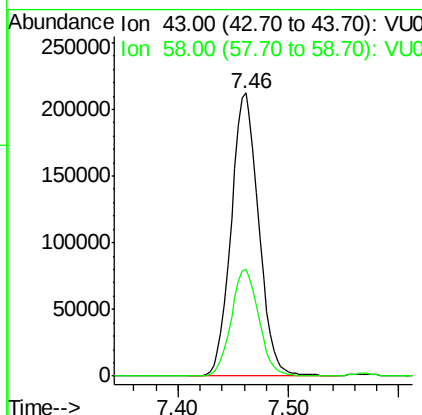
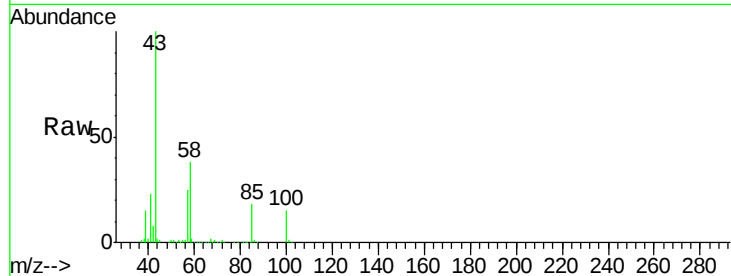
#51
 4-Methyl-2-Pentanone
 Concen: 97.30 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.0	45.0

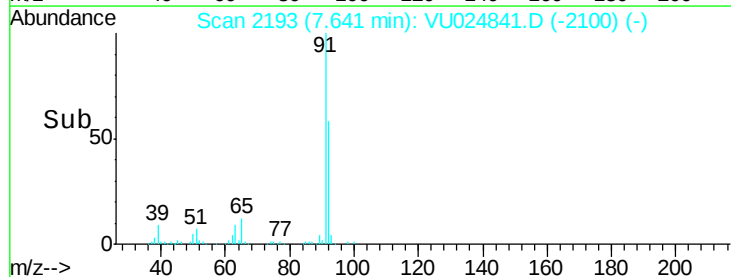
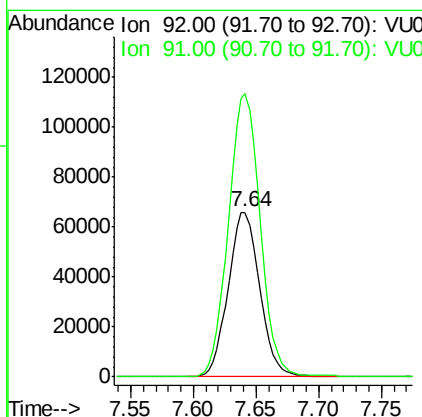
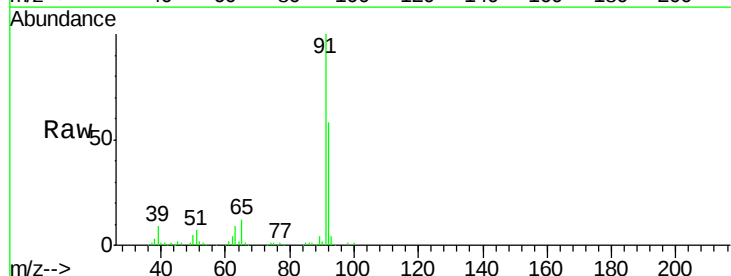
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#52
 Toluene
 Concen: 19.73 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.5	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 18.80 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 75 Resp: 71614

Ion Ratio Lower Upper

75 100

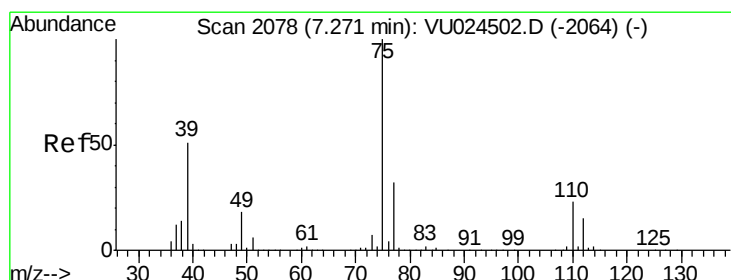
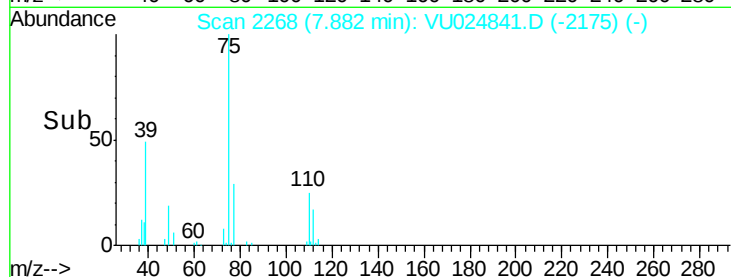
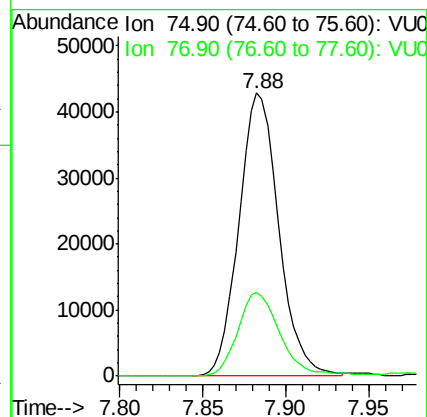
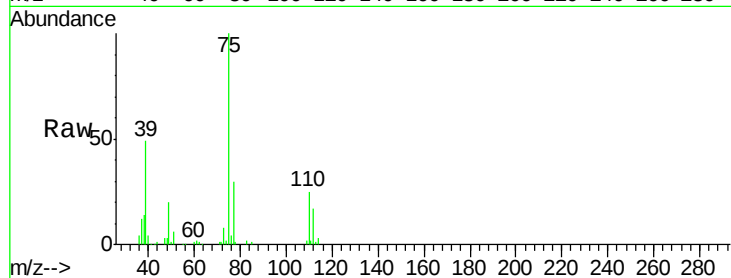
77 29.6 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 18.69 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

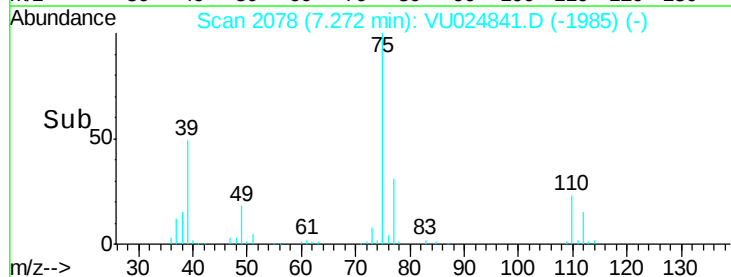
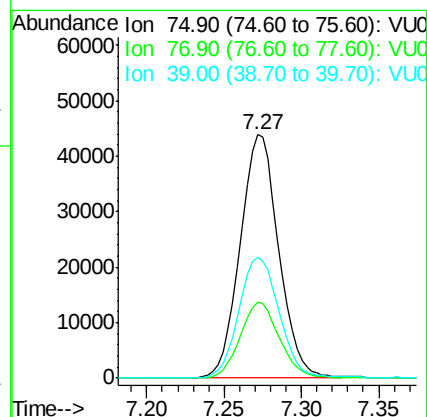
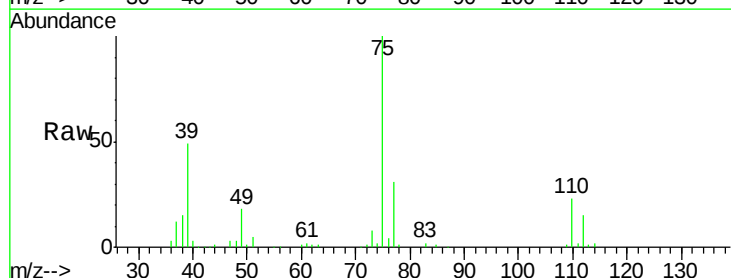
Tgt Ion: 75 Resp: 75855

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 49.2 39.8 59.6





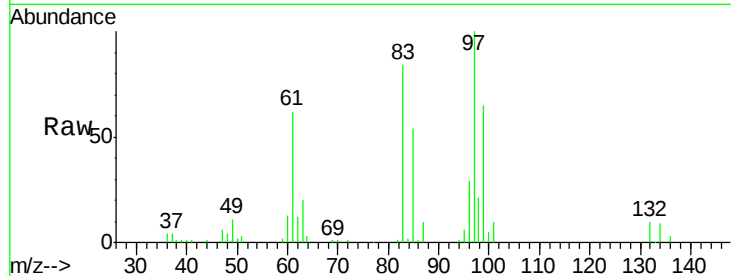
#55
 1,1,2-Trichloroethane
 Concen: 20.28 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

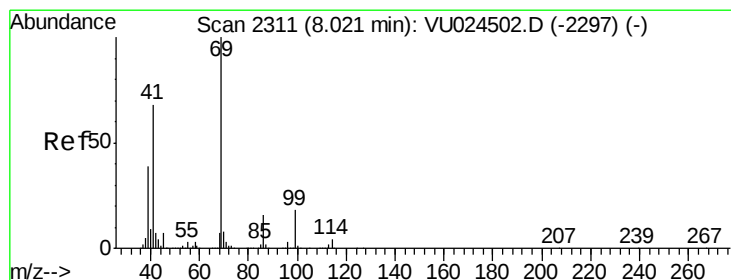
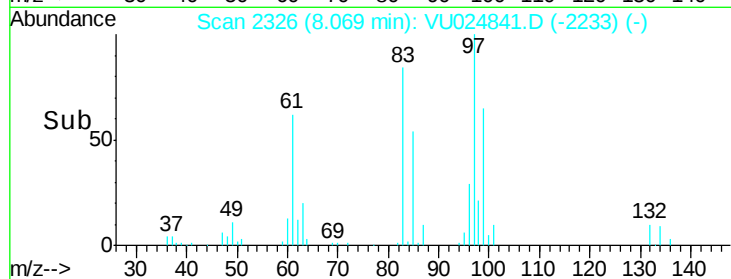
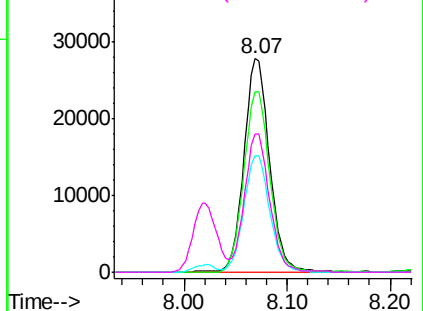
Tot Ion:	97	Resp:	48205
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.5	105.7
85	54.5	46.4	69.6
99	64.7	50.2	75.2

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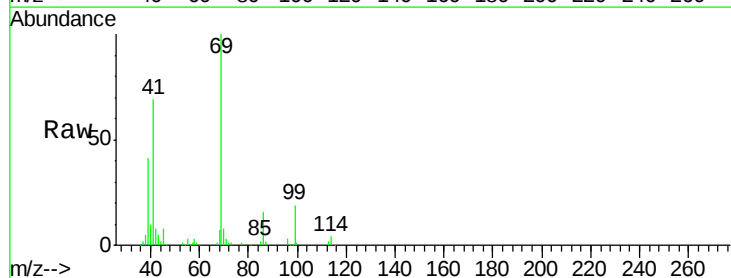


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

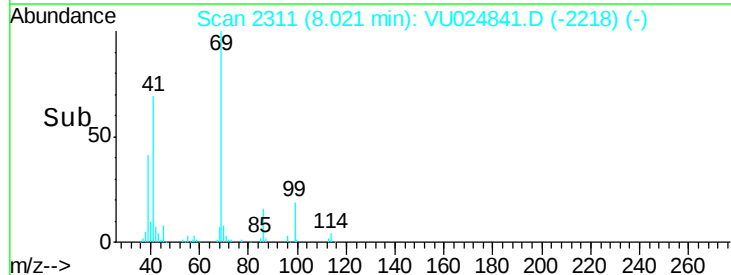
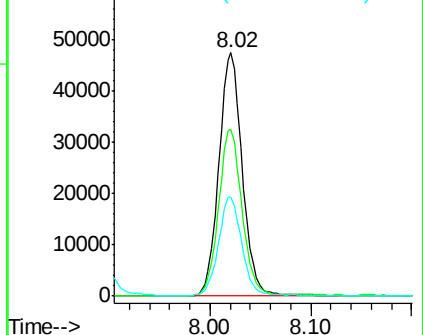


#56
 Ethyl methacrylate
 Concen: 19.37 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion:	69	Resp:	77070
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.1	81.1
39	39.7	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 20.11 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tot Ion: 76 Resp: 80635

Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8

Instrument :

MSVOA_U

ClientSampled :

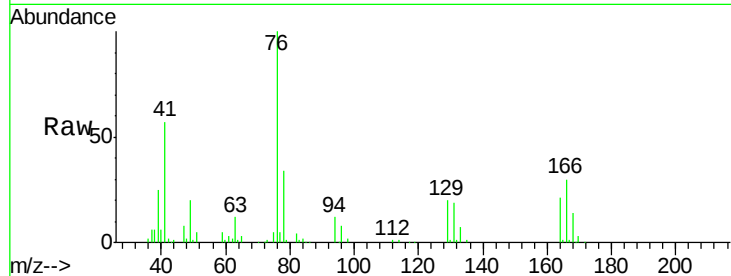
VU0623WBS01

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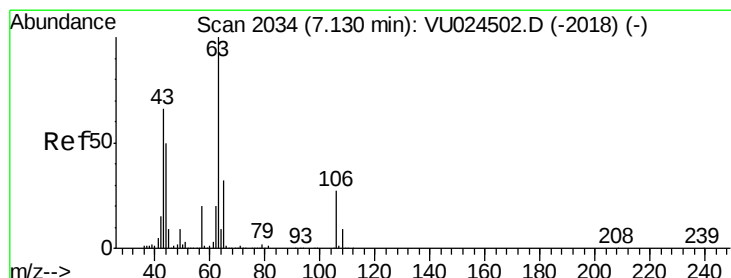
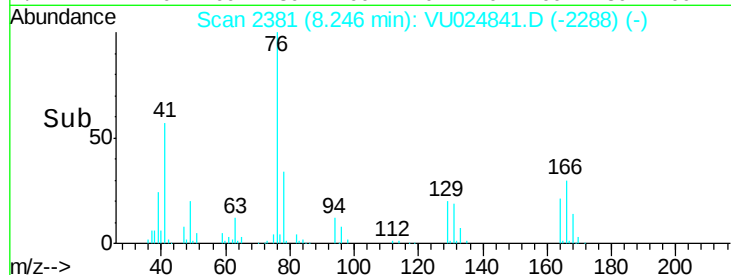
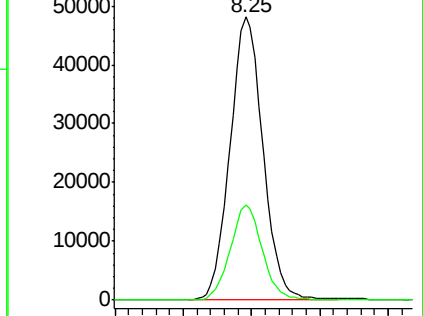
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 94.02 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024841.D

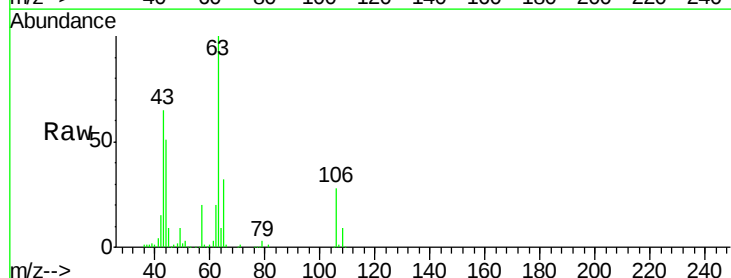
Acq: 22 Jun 2018 19:01

Tgt Ion: 63 Resp: 143303

Ion Ratio Lower Upper

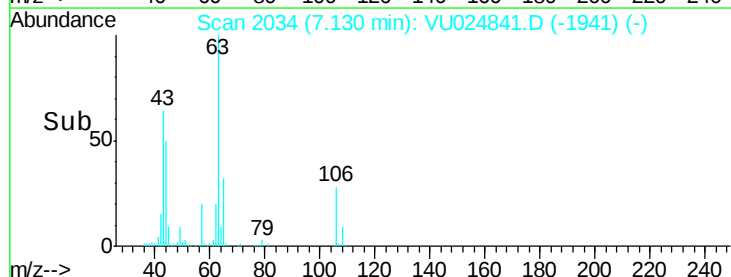
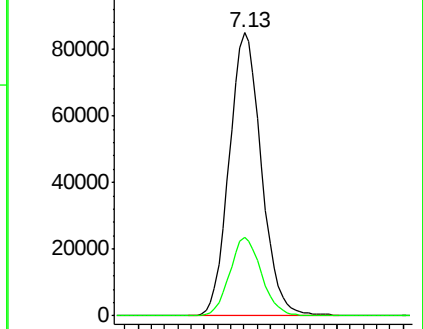
63 100

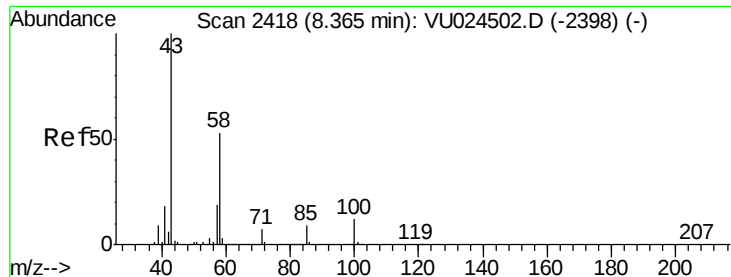
106 27.3 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





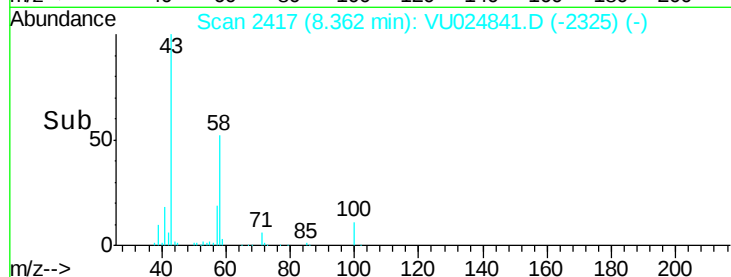
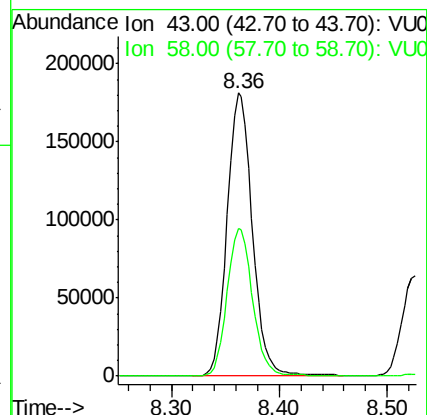
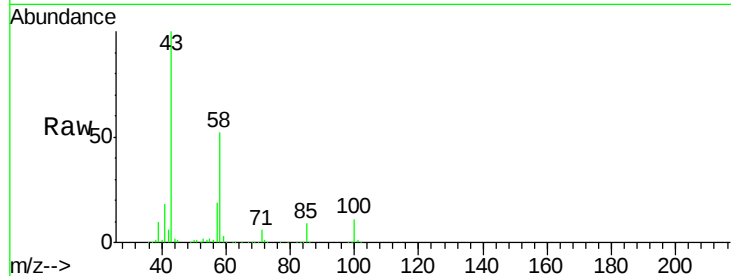
#59
2-Hexanone
Concen: 96.06 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.4	79.0

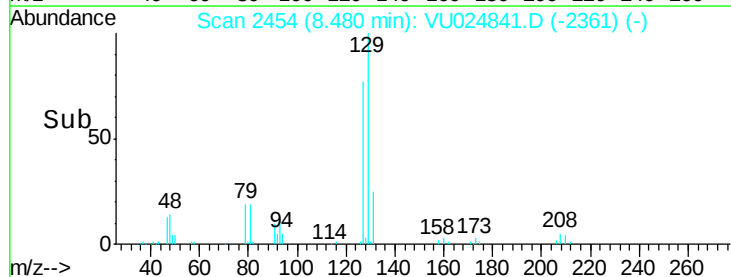
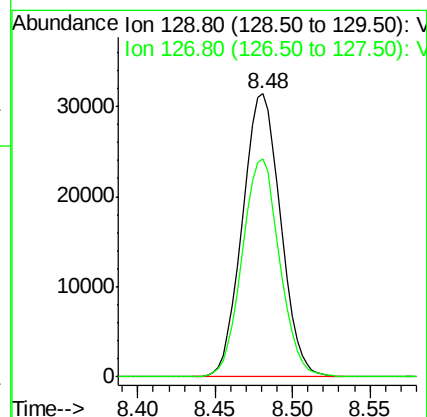
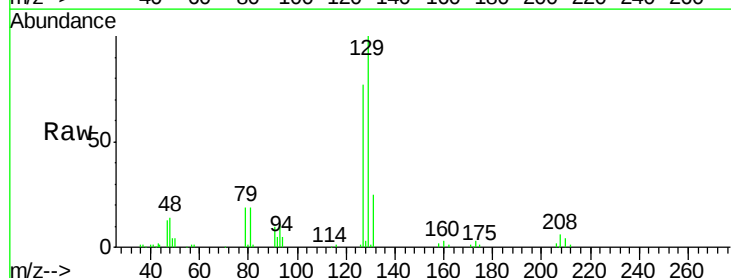
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#60
Dibromochloromethane
Concen: 18.23 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.6	38.6	116.0





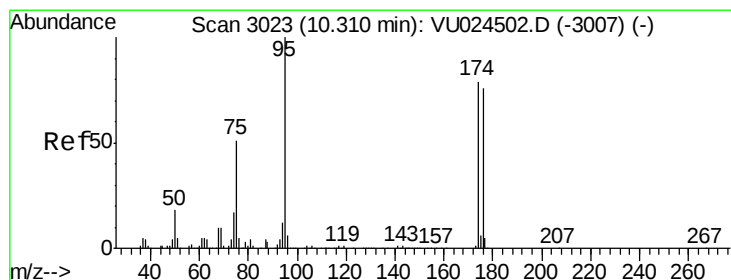
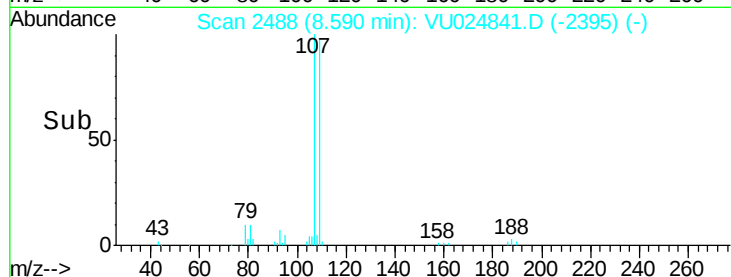
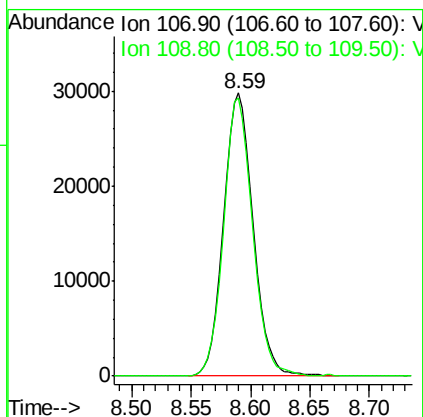
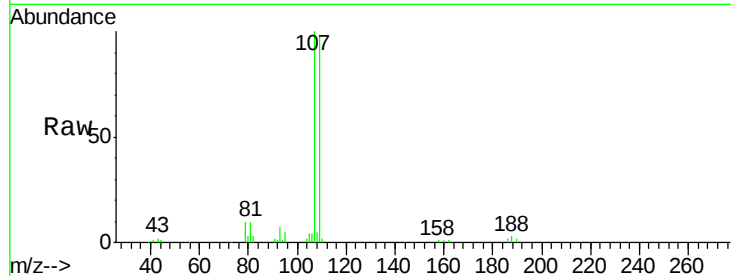
#61
 1,2-Dibromoethane
 Concen: 19.41 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	74.5	111.7

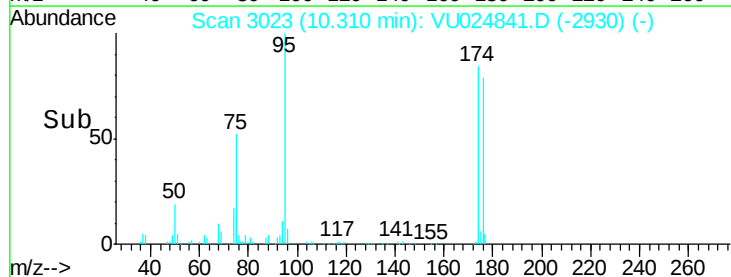
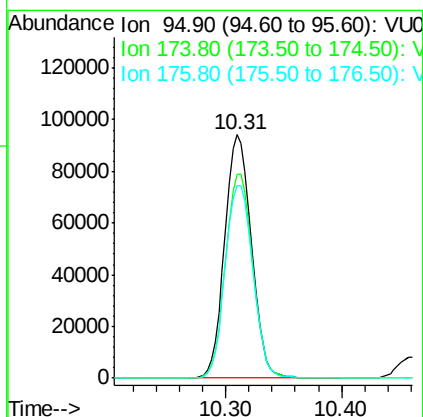
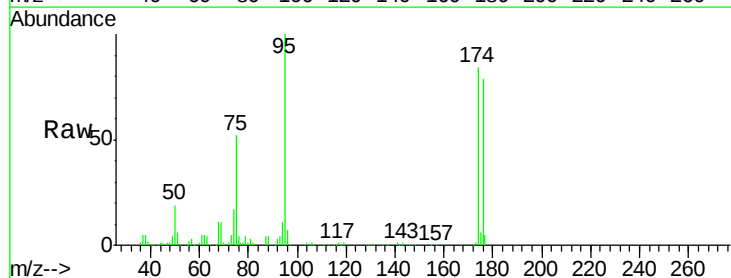
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#62
 4-Bromofluorobenzene
 Concen: 45.89 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	165.8
176	82.5	0.0	159.4





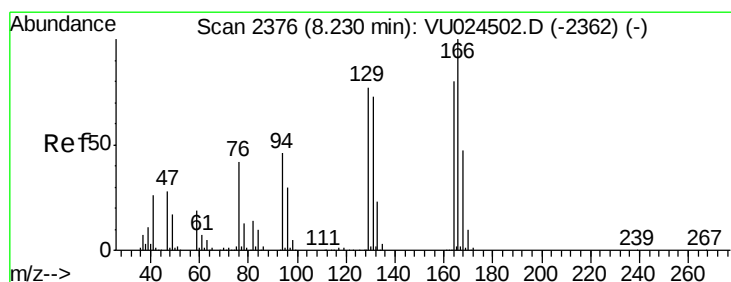
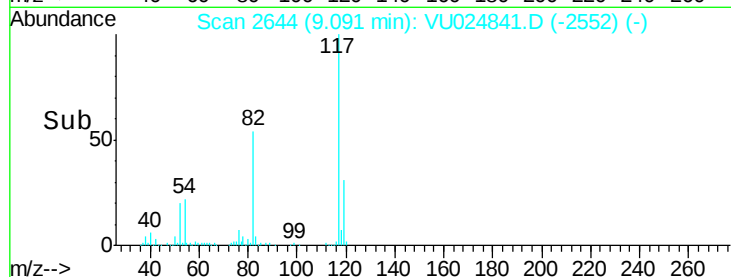
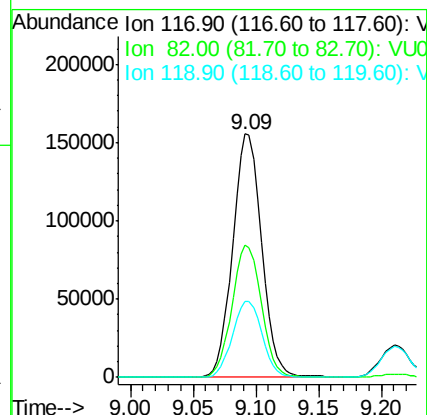
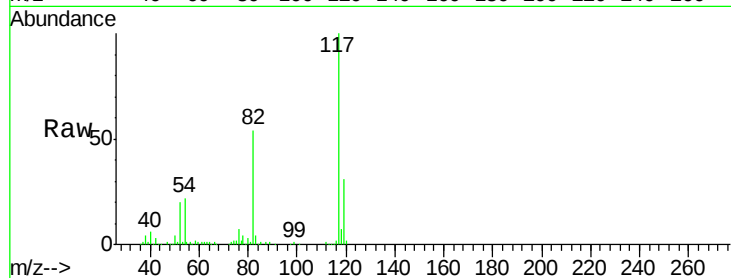
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	249699		
82	54.3		44.3	66.5
119	31.1		25.4	38.2

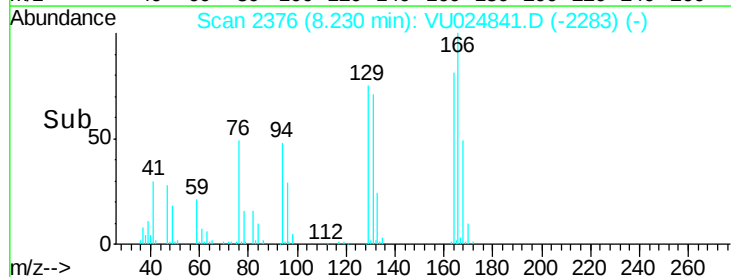
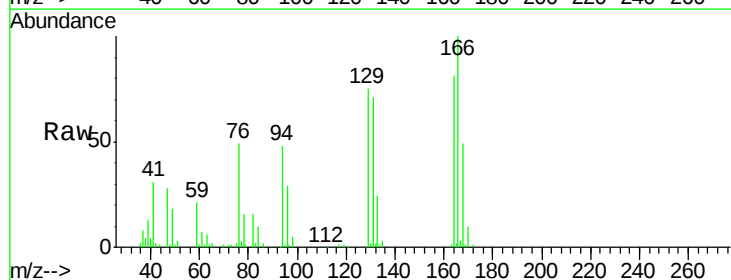
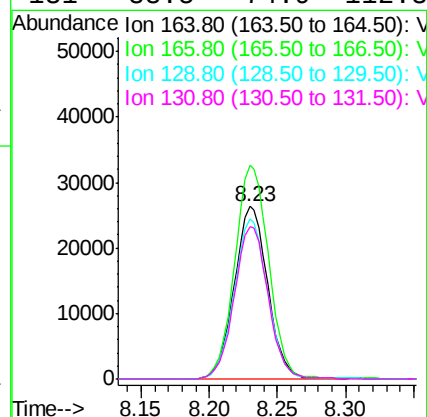
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#64
Tetrachloroethene
Concen: 18.79 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44605		
166	124.0		101.7	152.5
129	92.7		76.9	115.3
131	88.5		74.9	112.3





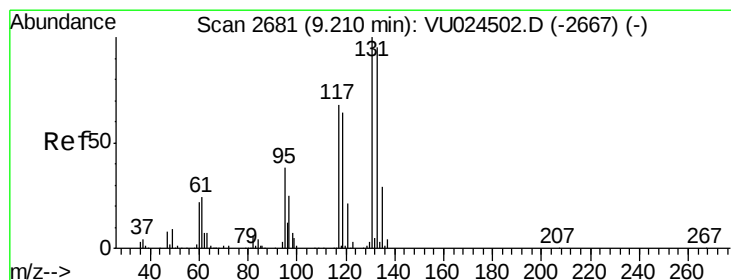
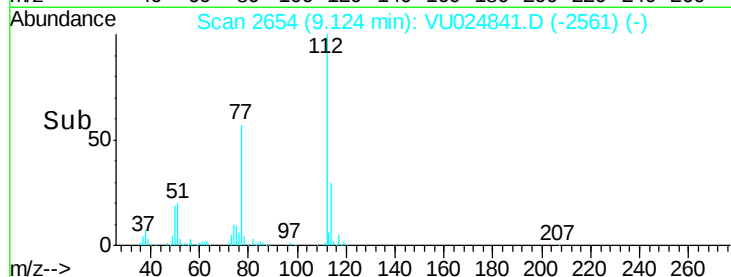
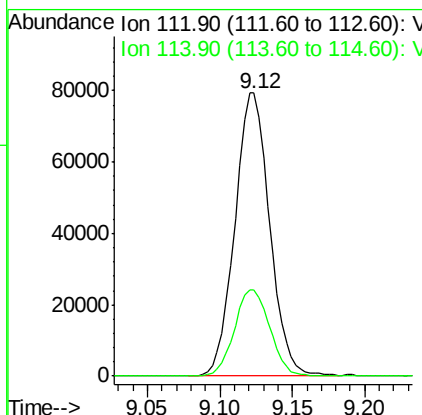
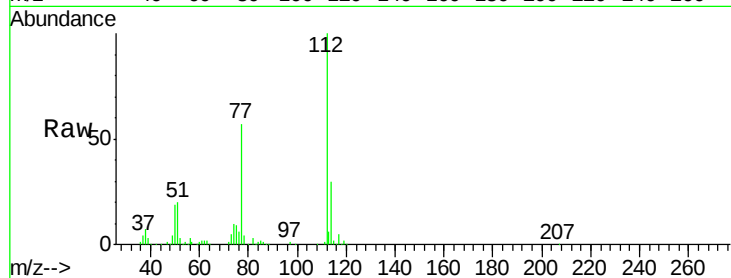
#65
Chlorobenzene
Concen: 20.76 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.6	38.4

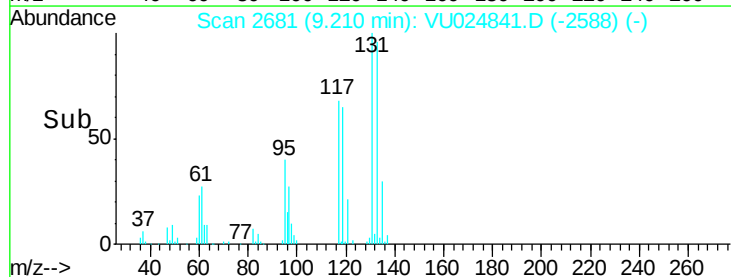
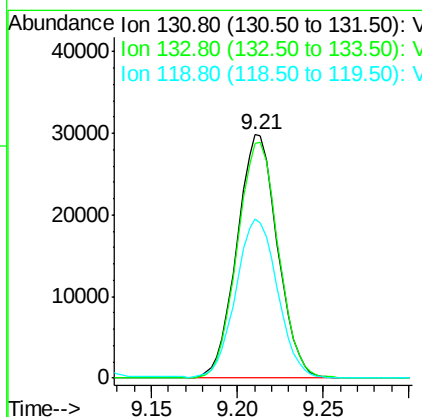
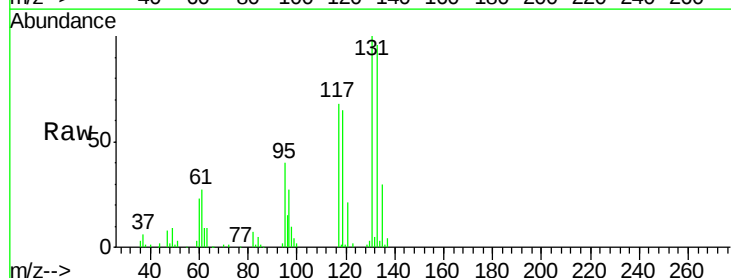
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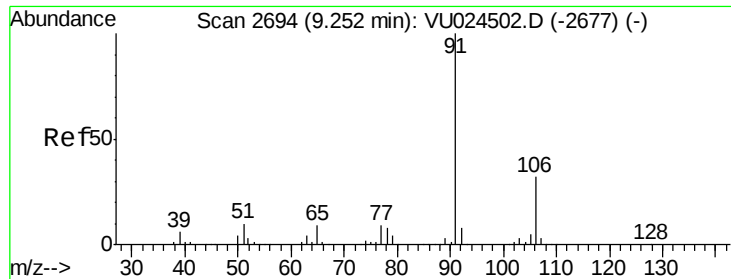
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.18 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.9	46.9	140.8
119	66.9	33.5	100.4





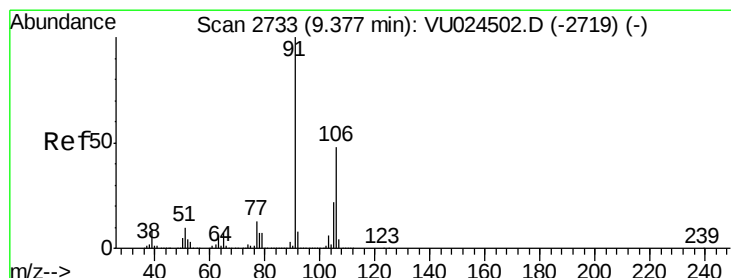
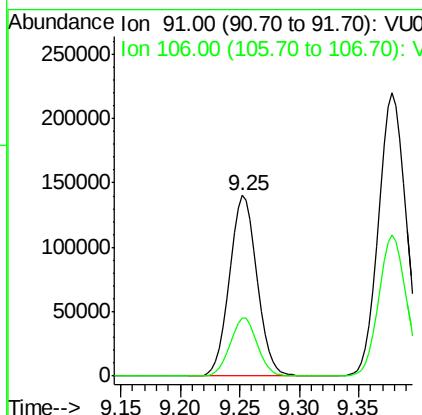
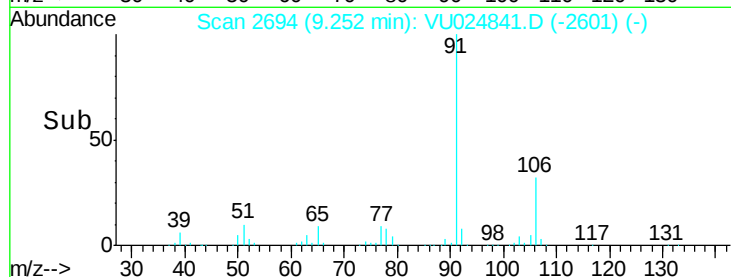
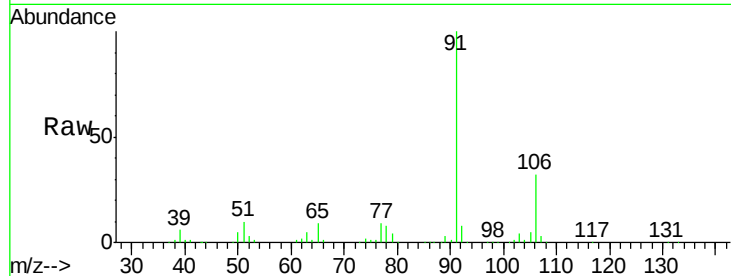
#67
Ethyl Benzene
Concen: 20.16 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion: 91 Resp: 225402
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.4

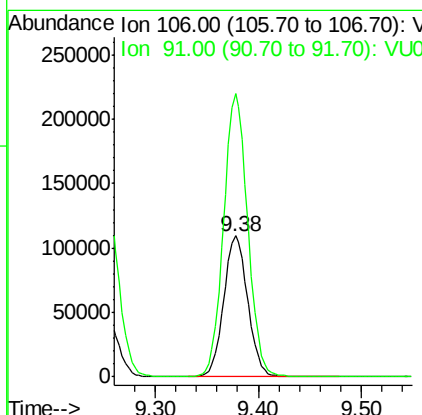
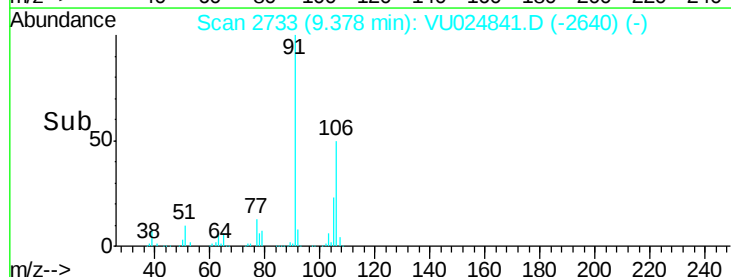
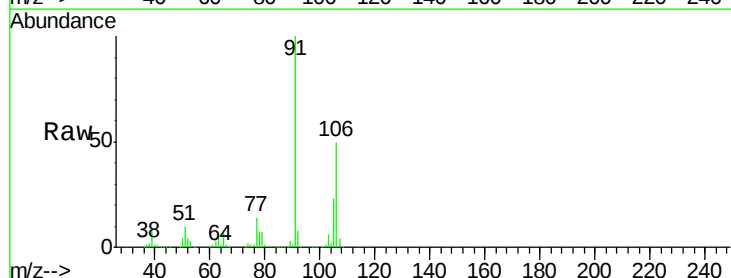
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#68
m/p-Xylenes
Concen: 41.43 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion: 106 Resp: 177912
Ion Ratio Lower Upper
106 100
91 200.3 166.5 249.7





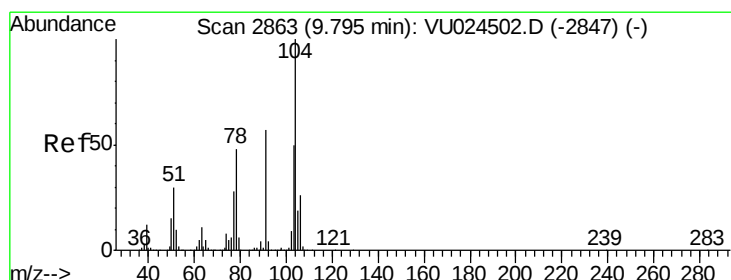
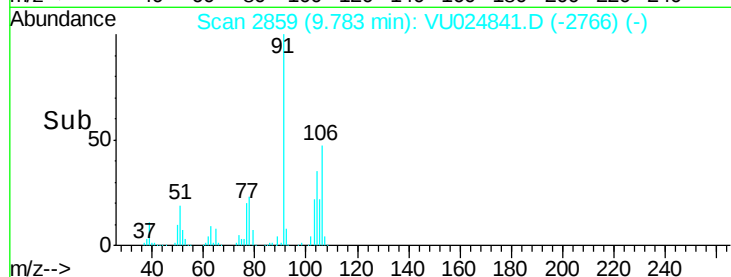
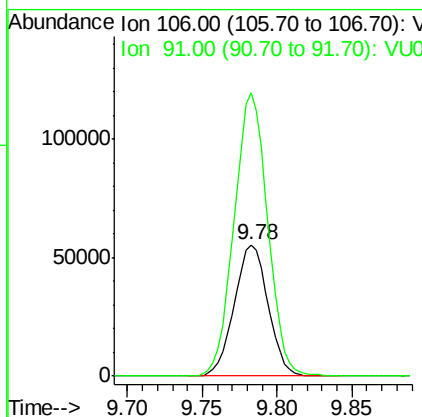
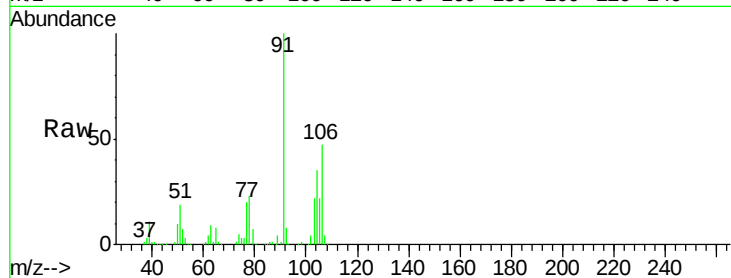
#69
o-Xylene
Concen: 20.60 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.4	110.7	331.9

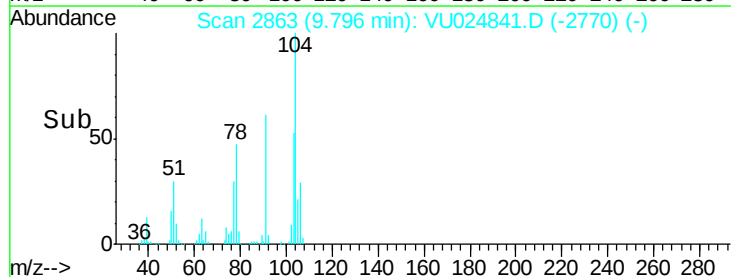
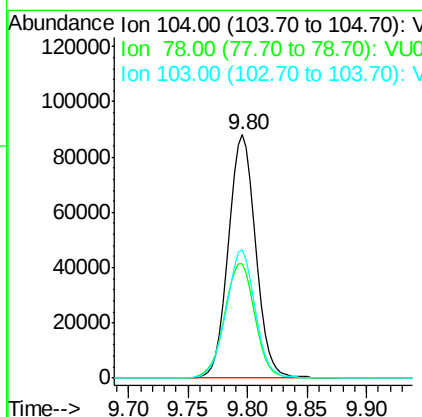
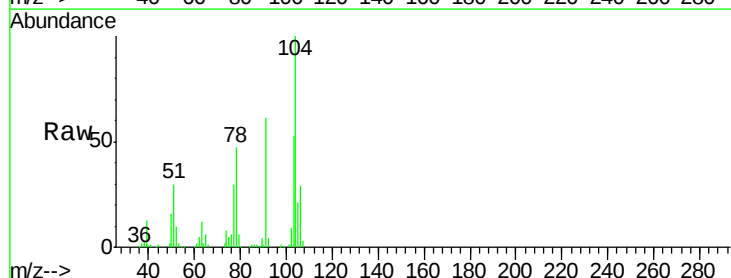
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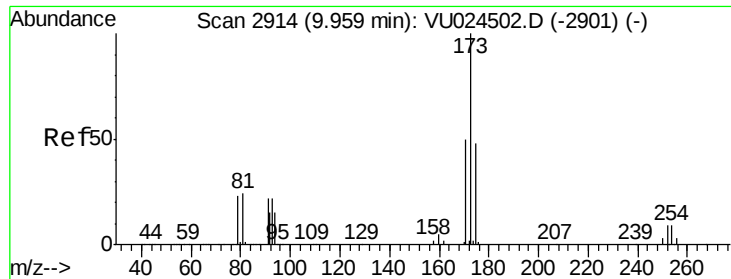
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#70
Styrene
Concen: 20.11 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	40.6	60.8
103	55.8	44.7	67.1





#71

Bromoform

Concen: 17.59 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

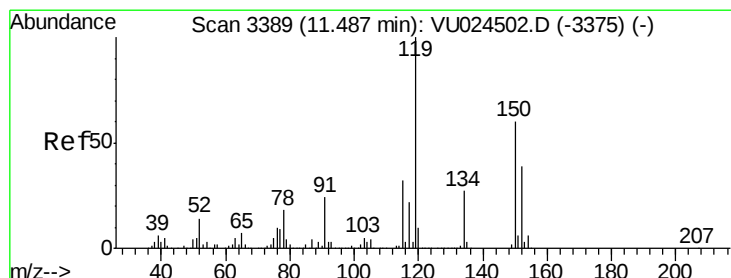
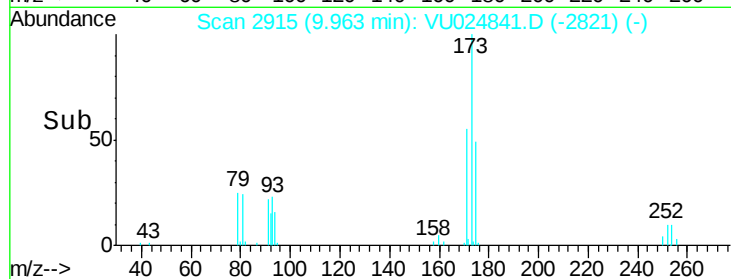
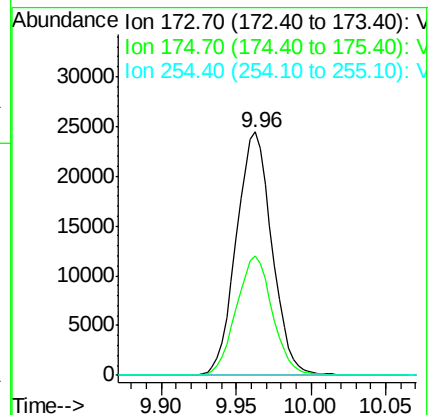
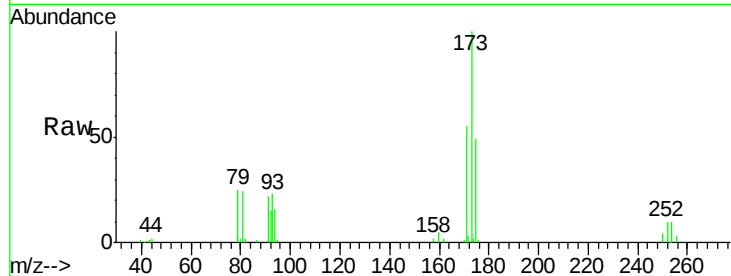
ClientSampleId :

VU0623WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.6	74.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

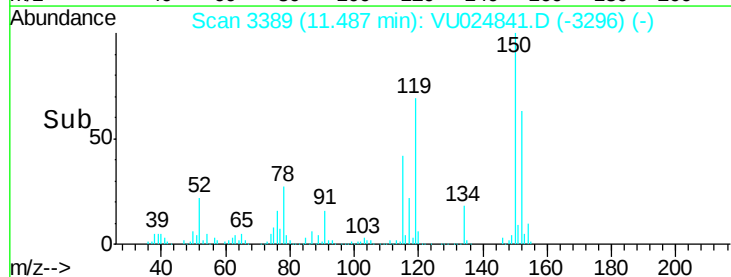
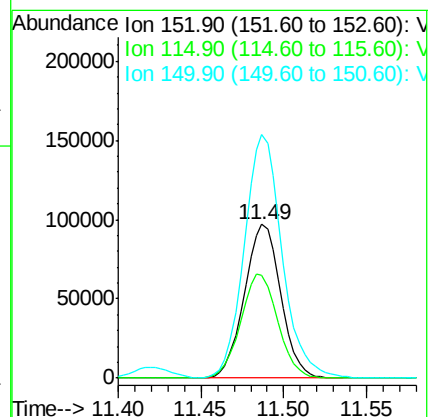
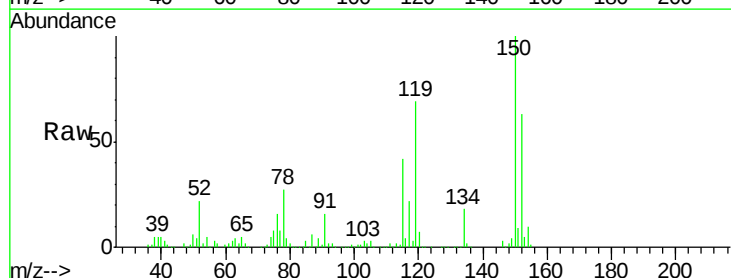
RT: 11.49 min Scan# 3389

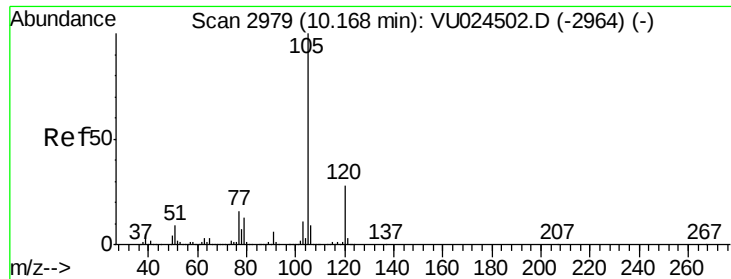
Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.3	43.0	129.0
150	164.8	0.0	354.0





#73

Isopropylbenzene

Concen: 20.68 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion:105 Resp: 234870

Ion Ratio Lower Upper

105 100

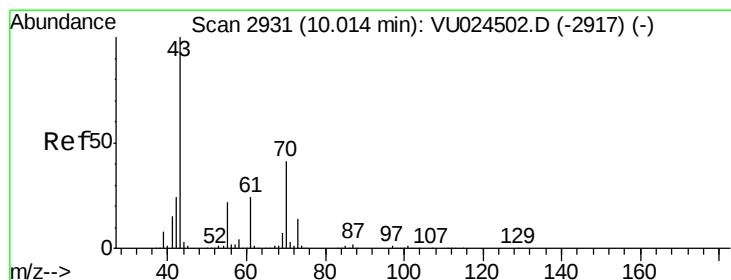
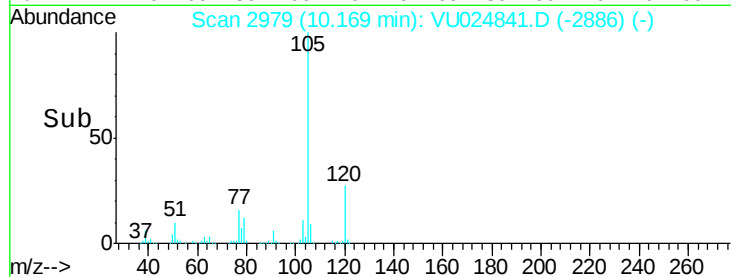
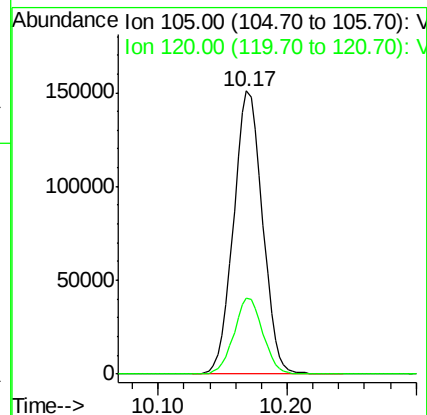
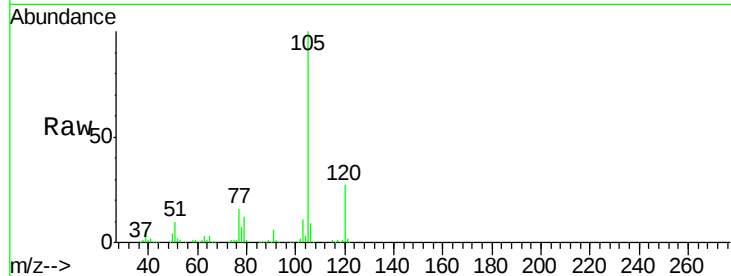
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.07 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Tgt Ion: 43 Resp: 103017

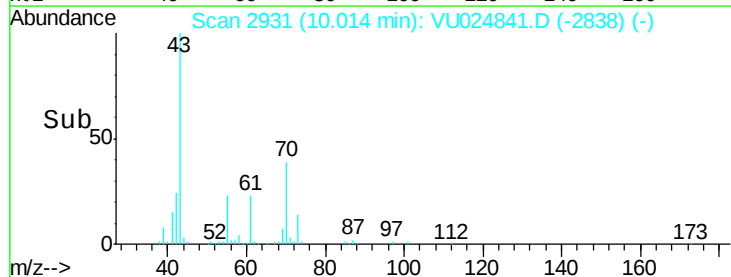
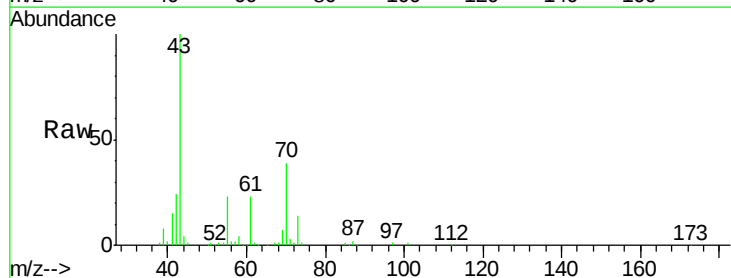
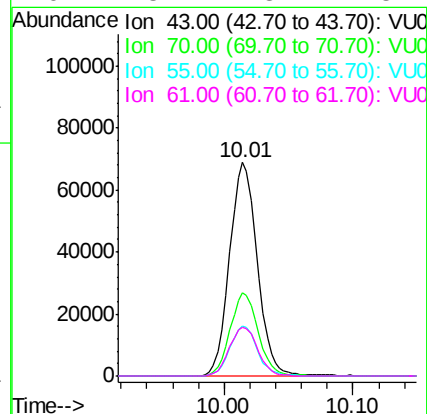
Ion Ratio Lower Upper

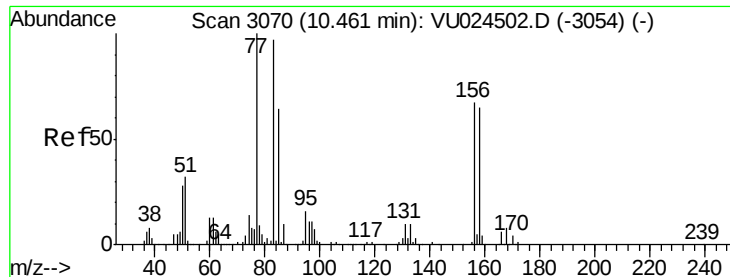
43 100

70 39.5 32.2 48.4

55 22.9 20.5 30.7

61 23.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.69 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 83 Resp: 78745

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

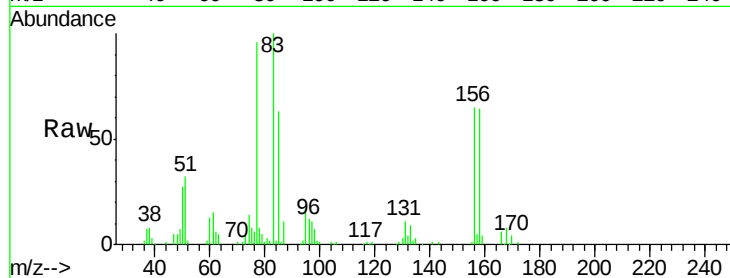
85 64.3 32.5 97.5

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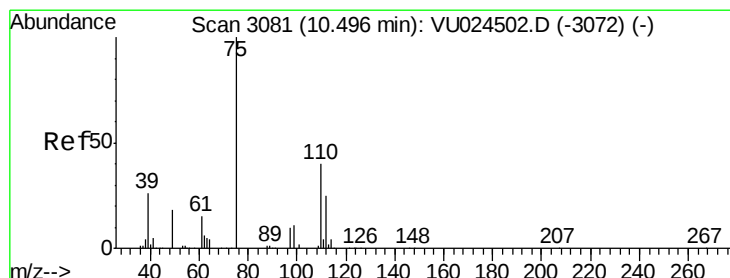
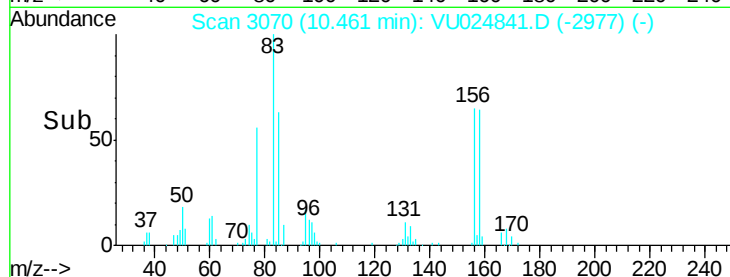
Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0

10.46

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.01 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024841.D

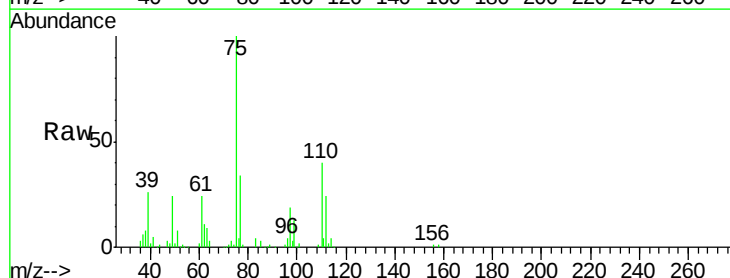
Acq: 22 Jun 2018 19:01

Tgt Ion: 75 Resp: 74969

Ion Ratio Lower Upper

75 100

77 37.5 20.9 62.7

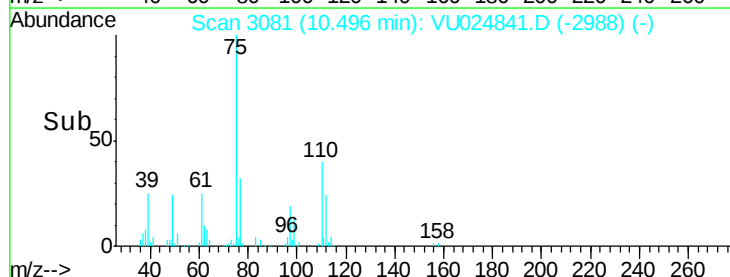


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.50

Time-->





#77

Bromobenzene

Concen: 20.17 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion:156 Resp: 57992

Ion Ratio Lower Upper

156 100

77 155.3 80.5 241.3

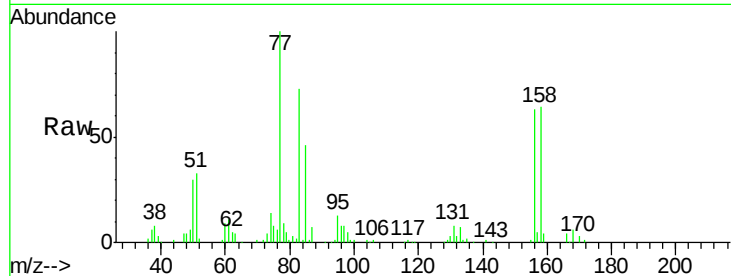
158 100.8 48.2 144.6

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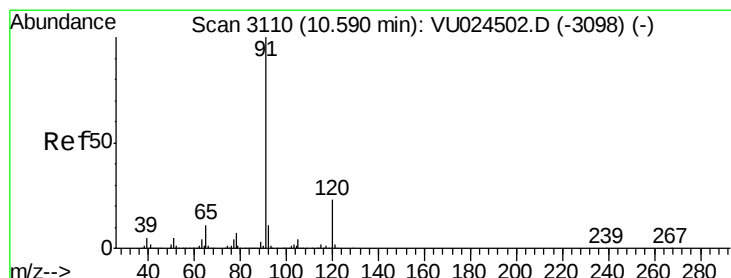
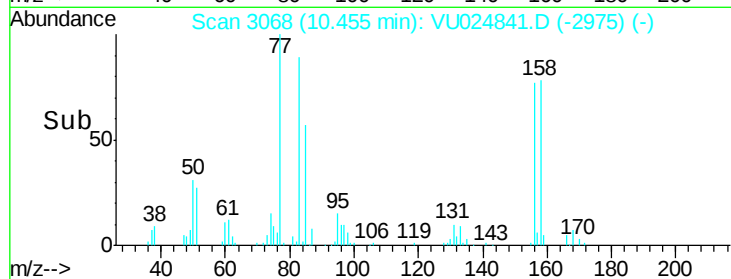
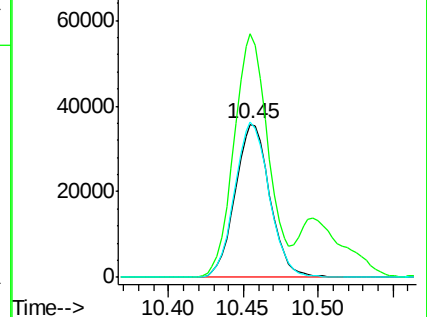
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.02 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024841.D

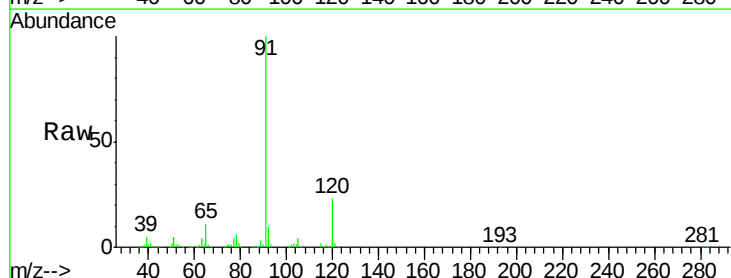
Acq: 22 Jun 2018 19:01

Tgt Ion: 91 Resp: 267832

Ion Ratio Lower Upper

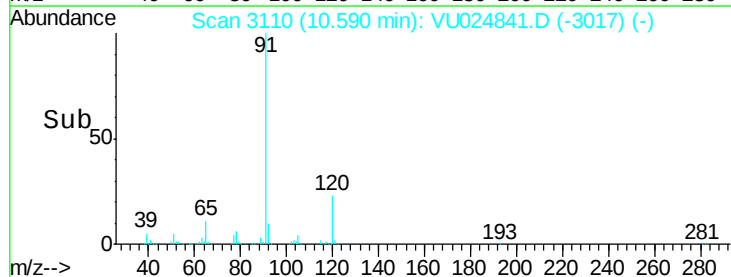
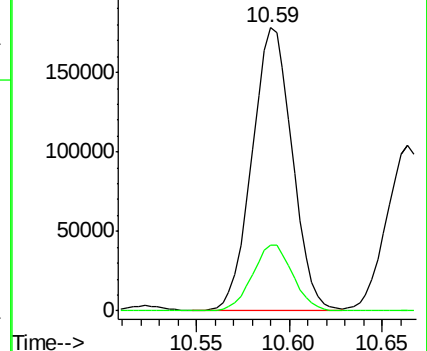
91 100

120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.43 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion: 91 Resp: 161181

Ion Ratio Lower Upper

91 100

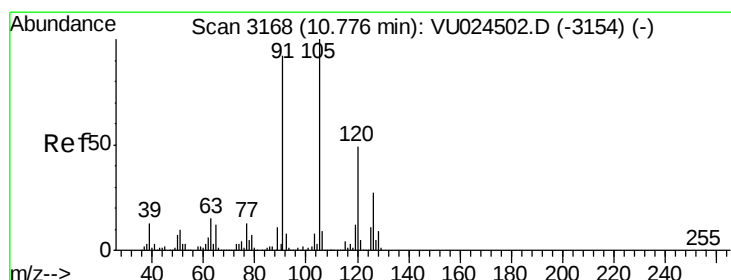
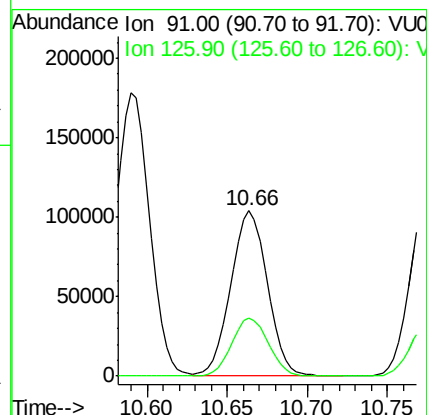
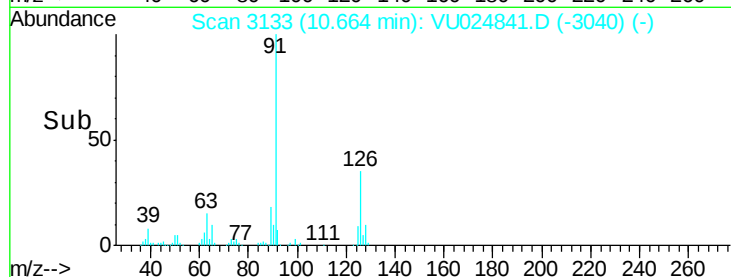
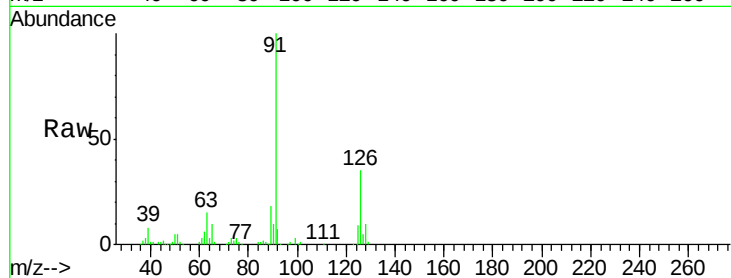
126 35.5 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.64 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024841.D

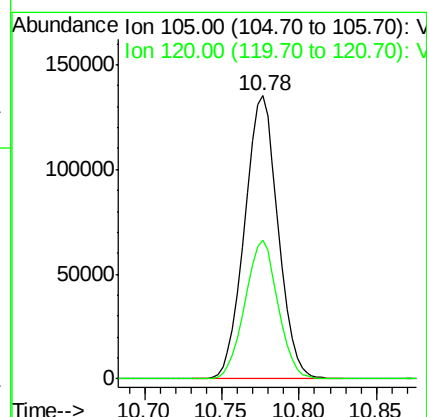
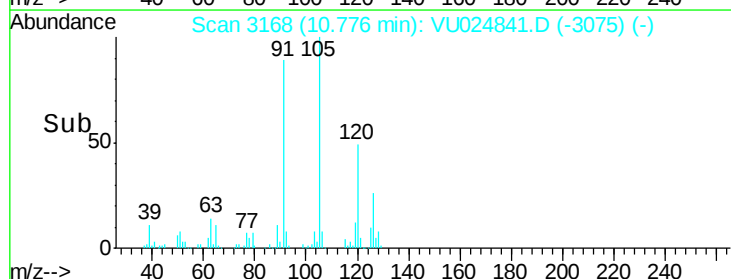
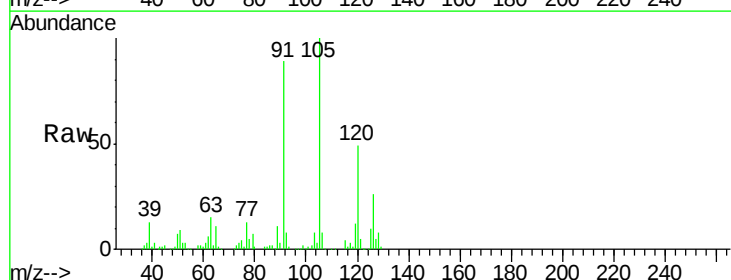
Acq: 22 Jun 2018 19:01

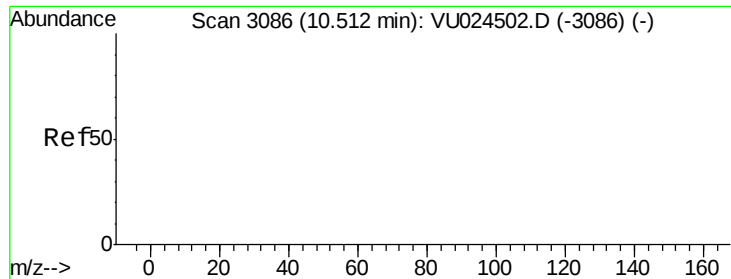
Tgt Ion: 105 Resp: 203206

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





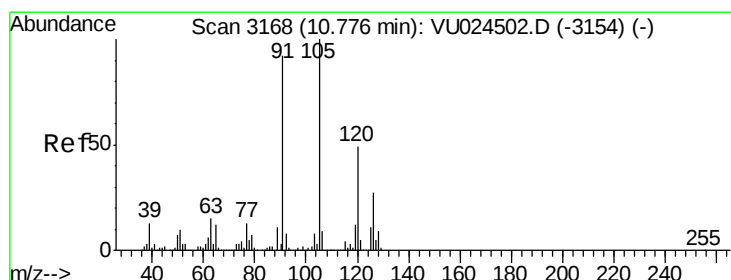
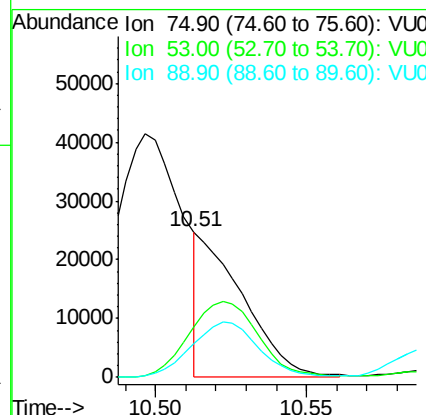
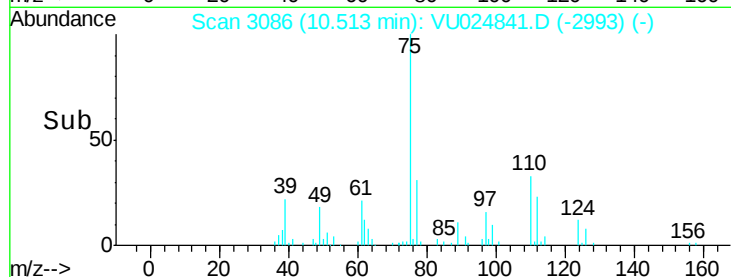
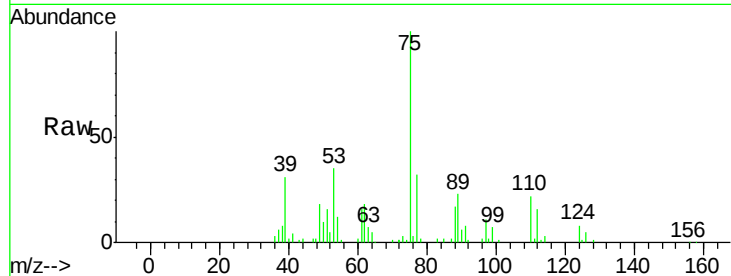
#81
trans-1,4-Dichloro-2-butene
Concen: 17.77 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

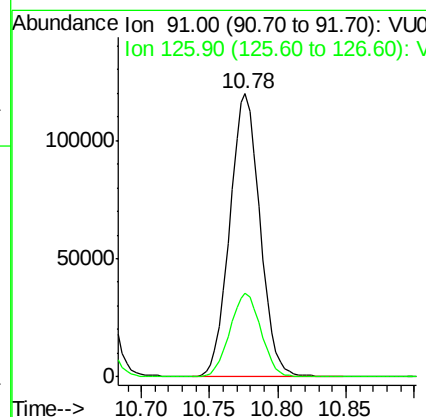
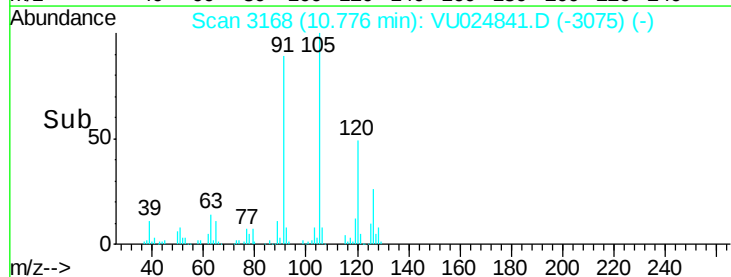
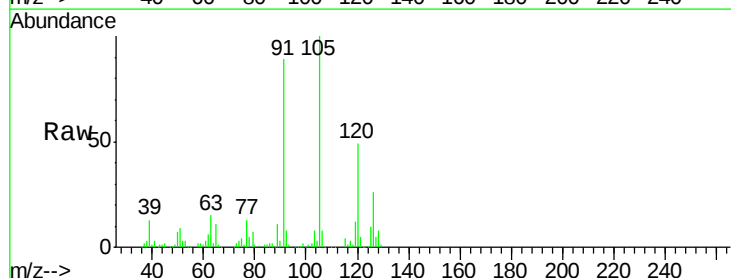
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#82
4-Chlorotoluene
Concen: 19.98 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9





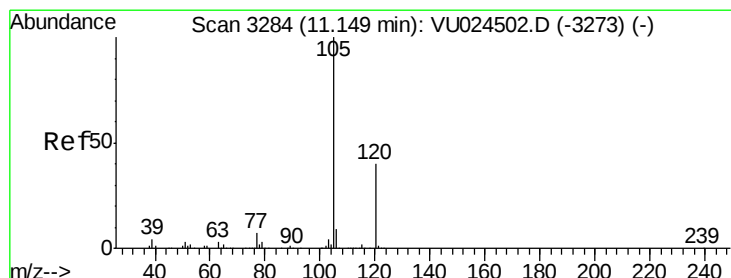
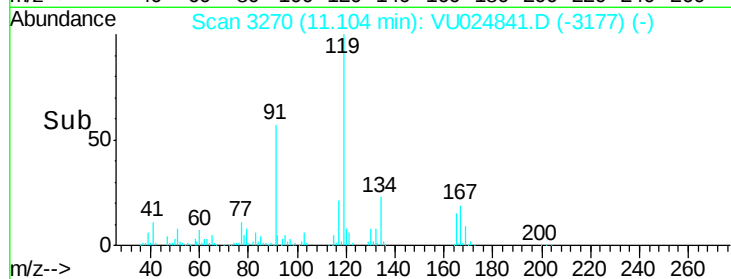
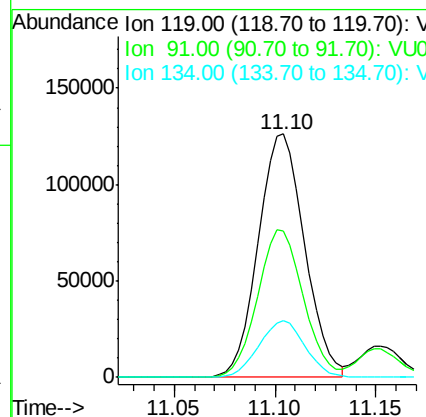
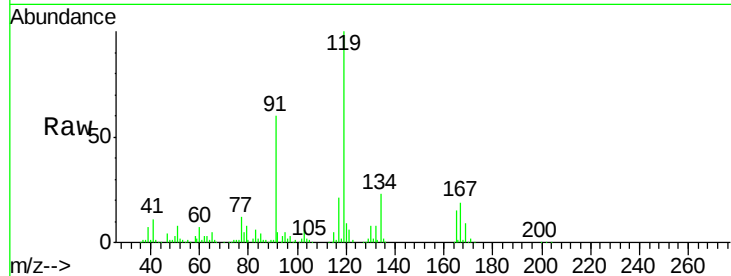
#83
 tert-Butylbenzene
 Concen: 21.35 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	202242		
91	60.2	29.7	89.1	
134	23.1	11.6	34.7	

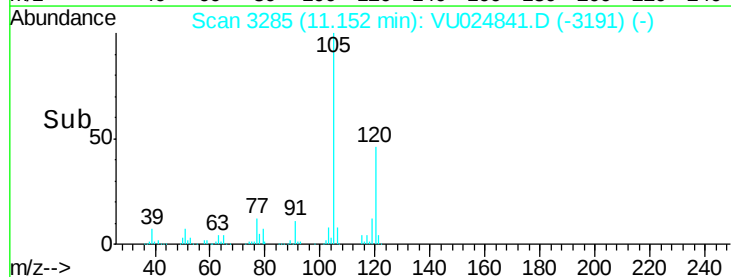
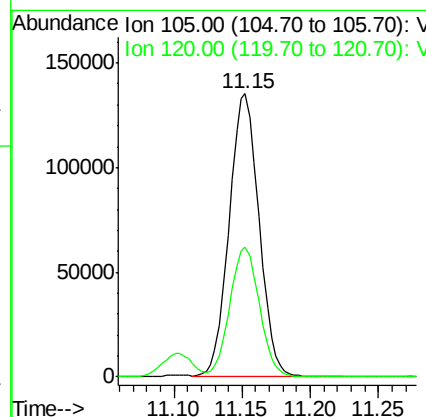
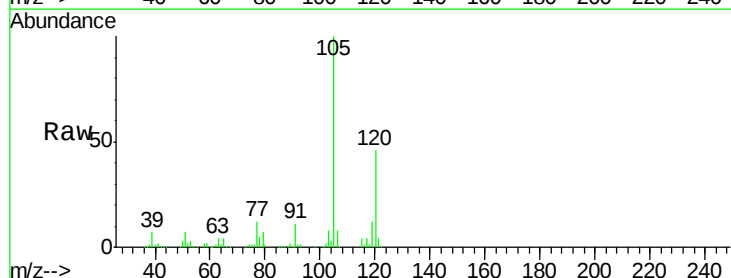
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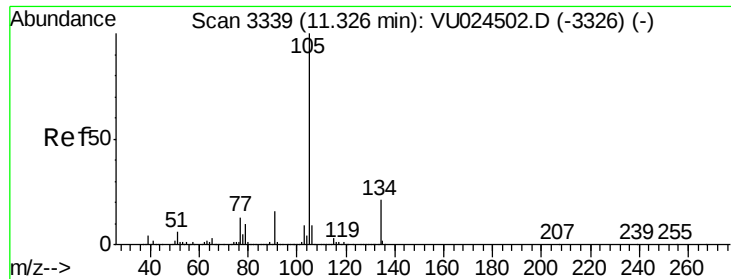
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.54 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206103		
120	45.4	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.74 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS01

Tot Ion:105 Resp: 245881

Ion Ratio Lower Upper

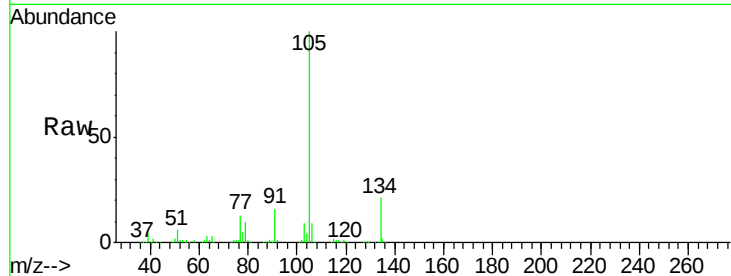
105 100

134 20.3 9.7 29.1

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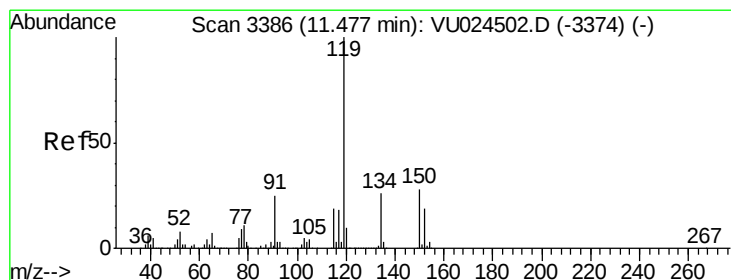
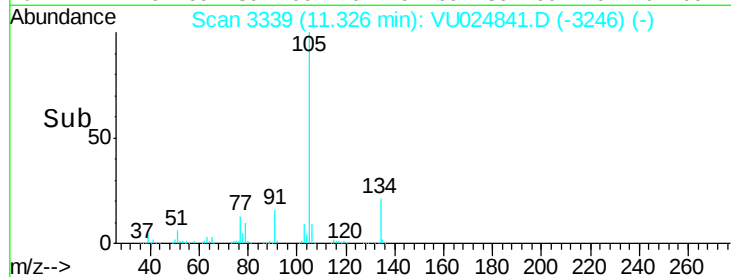
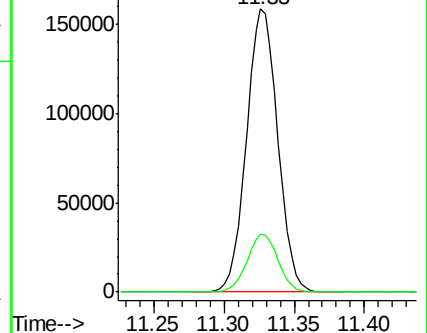
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.42 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024841.D

Acq: 22 Jun 2018 19:01

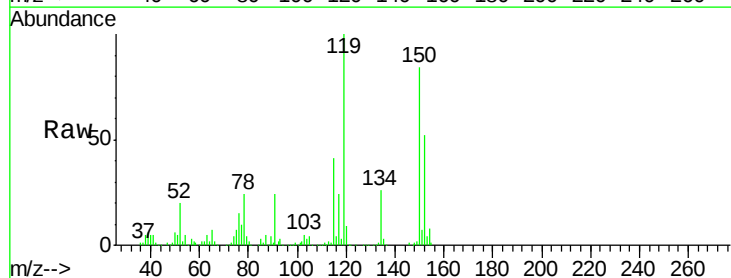
Tgt Ion:119 Resp: 216817

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

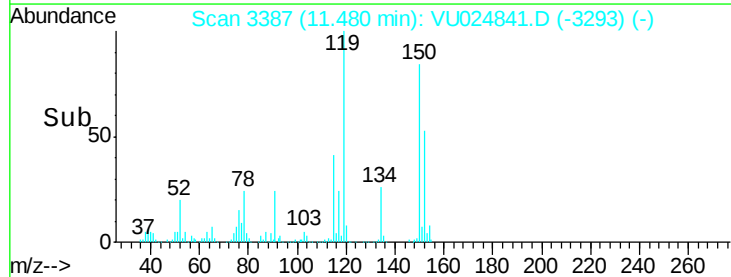
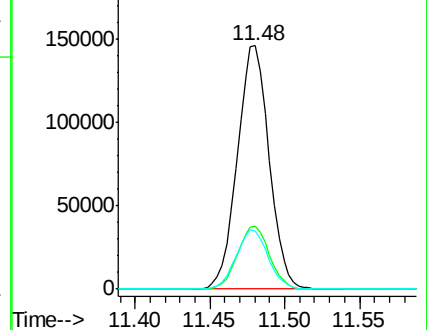
91 24.6 12.0 36.1



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





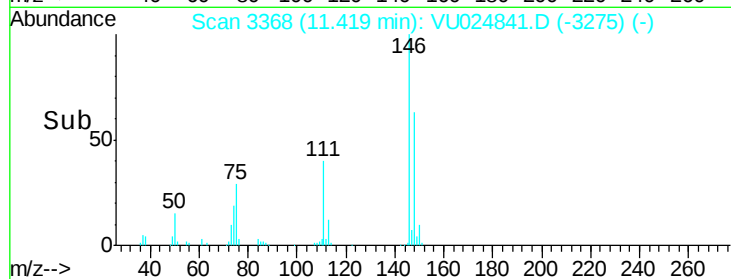
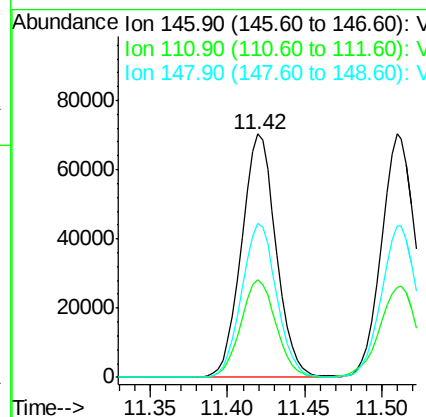
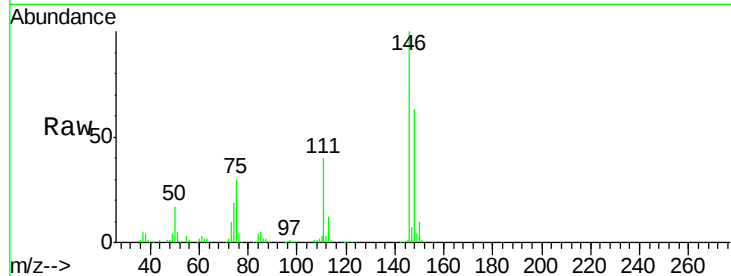
#87
 1,3-Dichlorobenzene
 Concen: 20.53 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	60.0
148	63.8	32.1	96.5

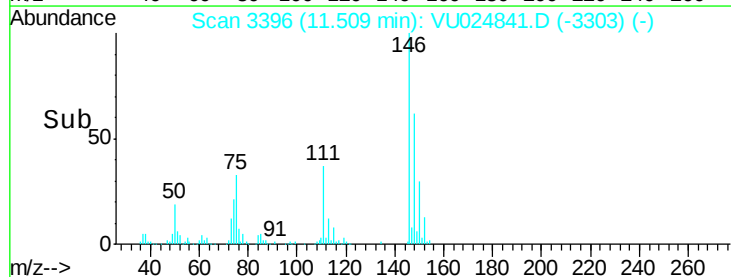
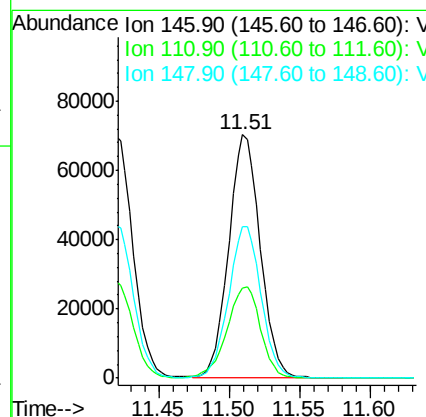
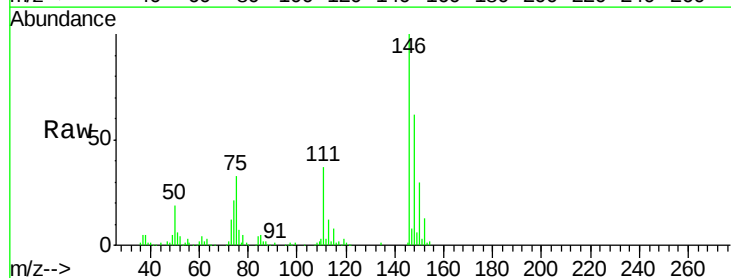
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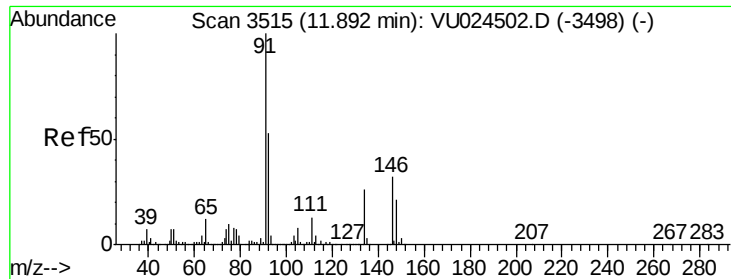
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#88
 1,4-Dichlorobenzene
 Concen: 20.58 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.5	58.5
148	64.3	32.4	97.0





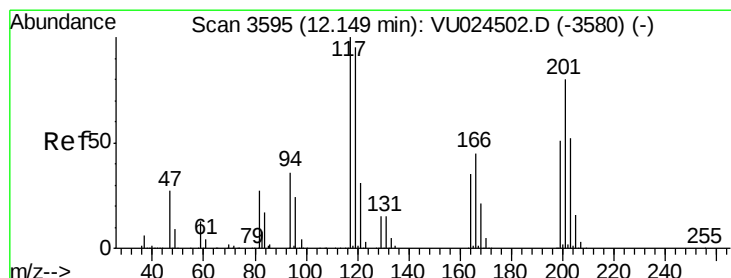
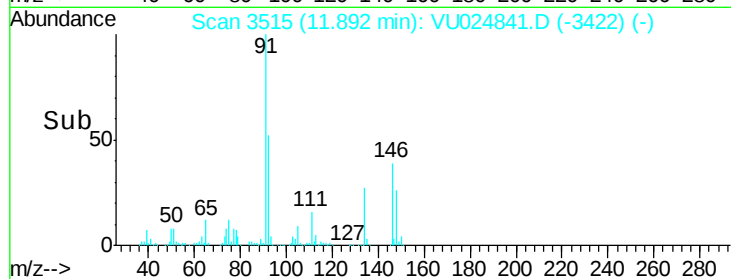
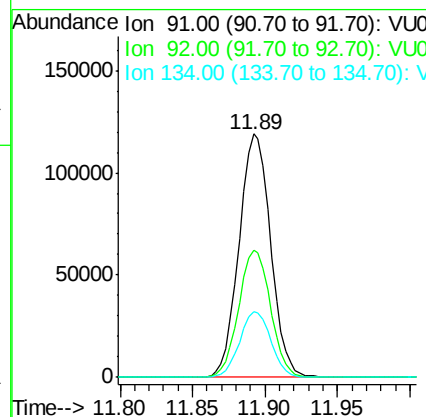
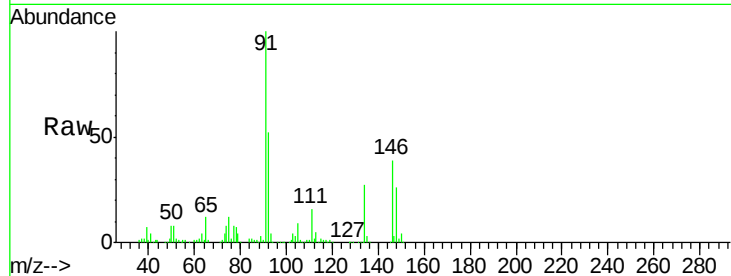
#89
n-Butylbenzene
Concen: 19.10 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	26.7	12.3	36.8

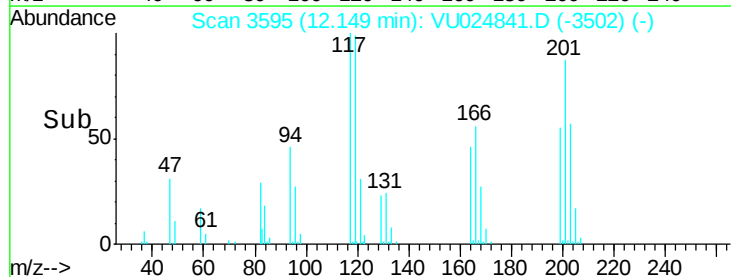
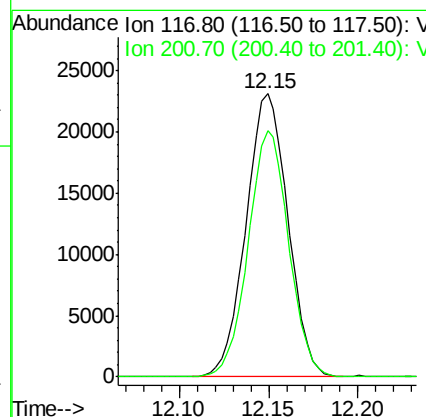
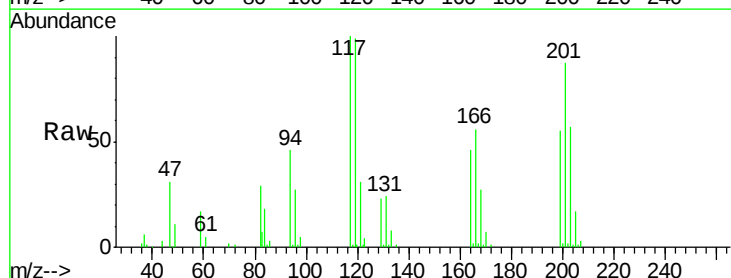
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#90
Hexachloroethane
Concen: 18.34 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	41.1	123.3





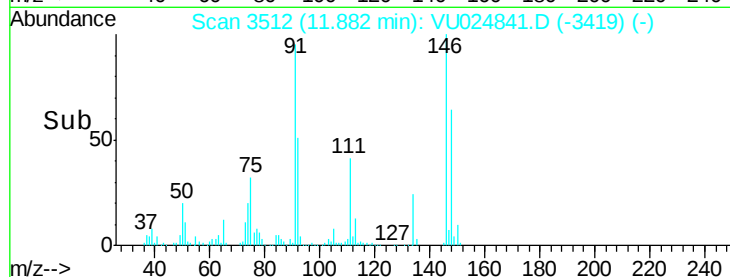
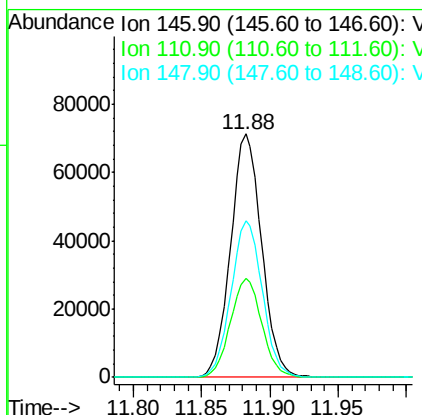
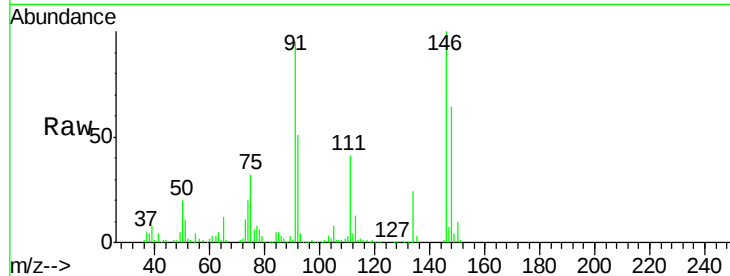
#91
 1,2-Dichlorobenzene
 Concen: 21.18 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	112691		
111	40.9	20.5	61.6	
148	64.8	31.9	95.7	

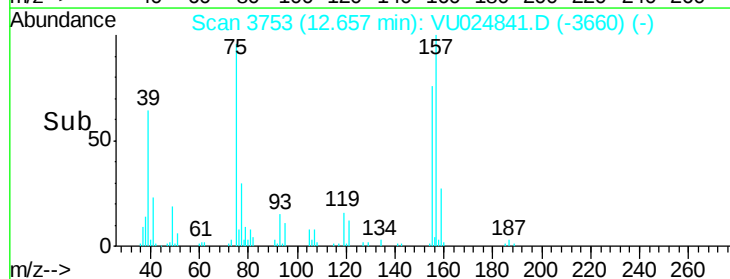
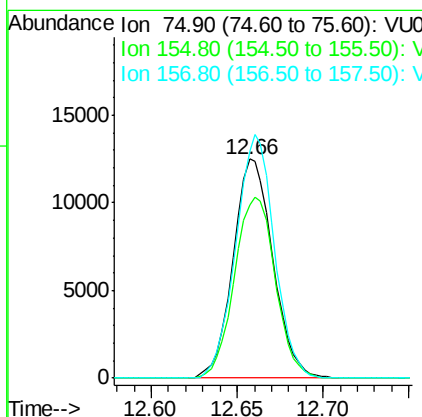
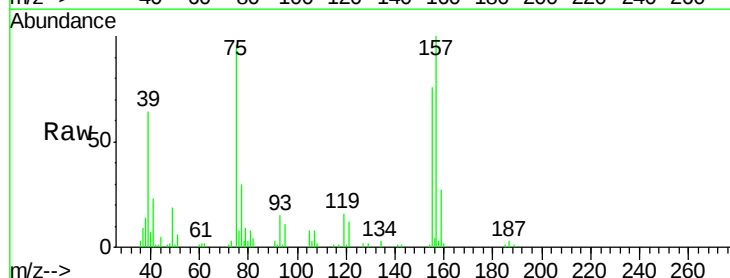
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.21 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20177		
155	84.6	40.4	121.2	
157	107.4	52.3	156.8	





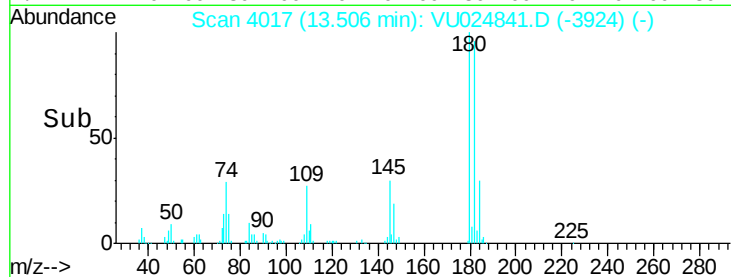
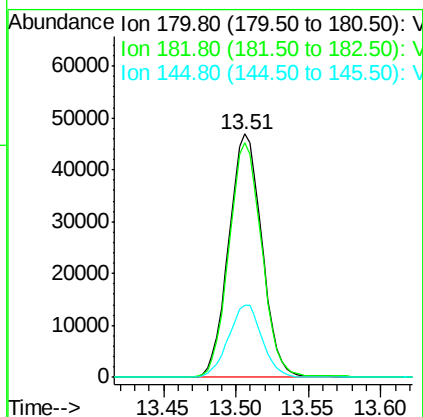
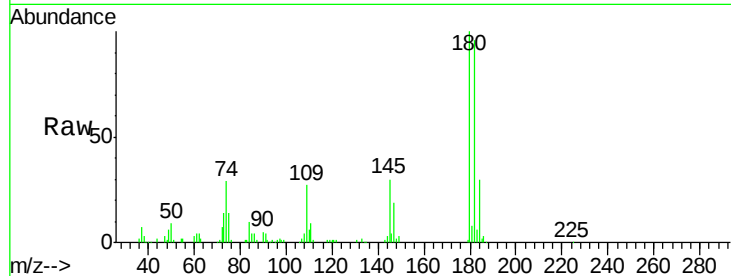
#93
 1,2,4-Trichlorobenzene
 Concen: 22.69 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	29.9	14.7	44.1

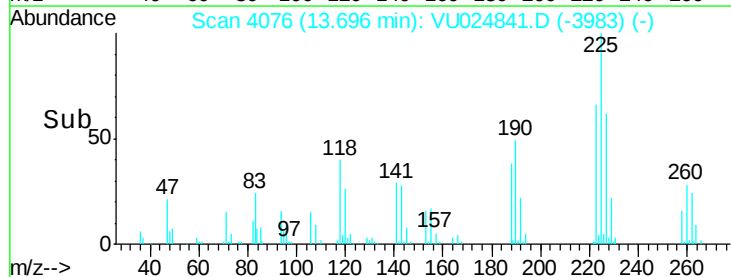
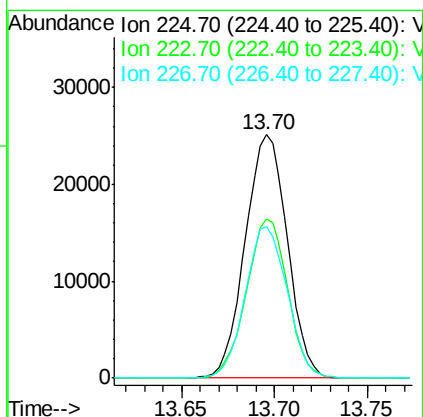
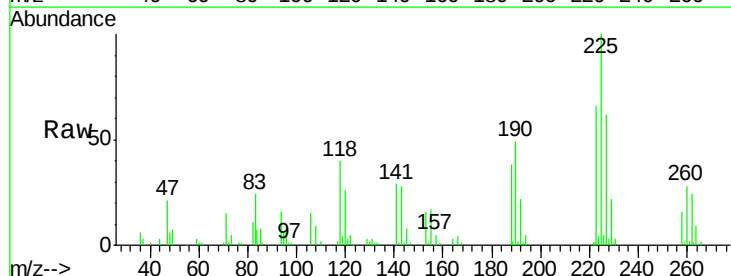
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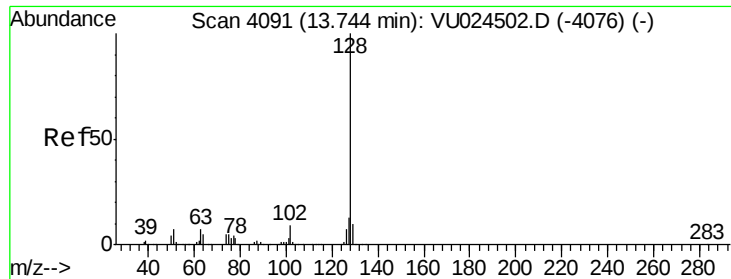
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#94
 Hexachlorobutadiene
 Concen: 21.42 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024841.D
 Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.8
227	62.2	31.8	95.4





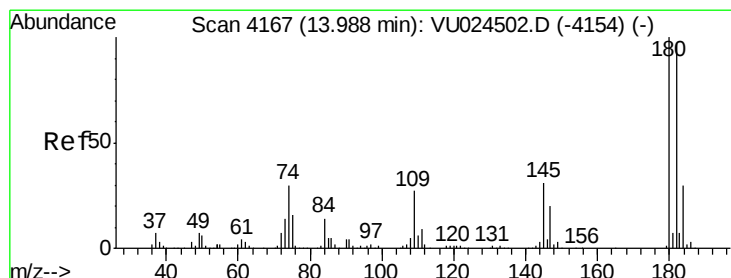
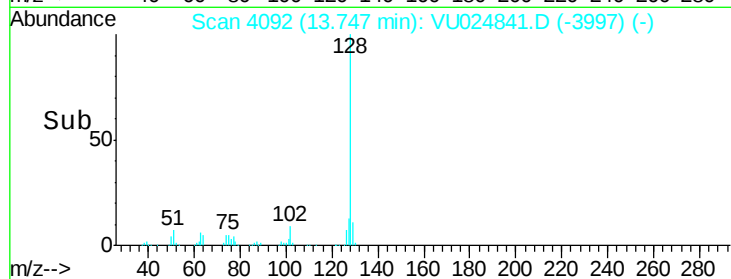
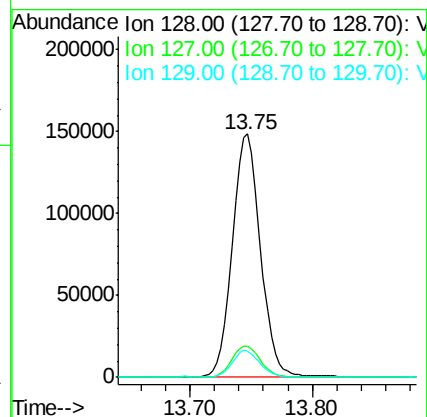
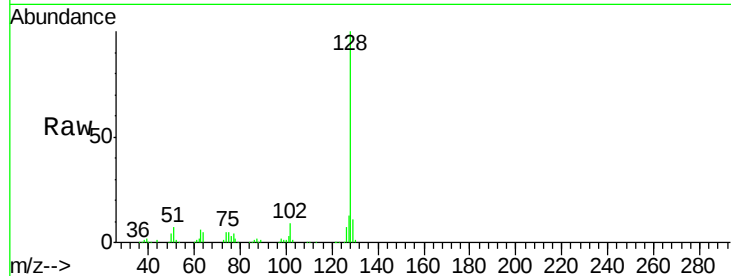
#95
Naphthalene
Concen: 22.47 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 24.52 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU024841.D
Acq: 22 Jun 2018 19:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.7
145	30.6	15.4	46.1

