

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025082.D
 Acq On : 30 Jun 2018 12:44
 Operator : MD/SY
 Sample : VU0630WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Manual Integrations
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 7/2/2018 4:16:54 PM

Quant Time: Jul 02 06:36:32 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	176593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264907	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137824	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	4.89	113	111044	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	7.57	98	355361	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
62) 4-Bromofluorobenzene	10.31	95	149135	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	39345	17.80	ug/l	99
3) Chloromethane	1.33	50	42778	18.94	ug/l	99
4) Vinyl Chloride	1.40	62	45367	19.48	ug/l	100
5) Bromomethane	1.62	94	30528	27.12	ug/l	95
6) Chloroethane	1.70	64	30070	22.53	ug/l	94
7) Trichlorofluoromethane	1.89	101	75355	21.20	ug/l	99
8) Diethyl Ether	2.10	74	28458	22.49	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	45446	20.61	ug/l	98
10) Methyl Iodide	2.41	142	44312	26.52	ug/l	97
11) Tert butyl alcohol	2.82	59	73655	105.05	ug/l	99
12) 1,1-Dichloroethene	2.28	96	41302	20.54	ug/l	94
13) Acrolein	2.19	56	23389	63.52	ug/l	96
14) Allyl chloride	2.60	41	72764	19.49	ug/l	100
15) Acrylonitrile	2.94	53	141971	104.07	ug/l	99
16) Acetone	2.32	43	174864	112.89	ug/l	98
17) Carbon Disulfide	2.48	76	113112	17.57	ug/l	99
18) Methyl Acetate	2.62	43	83117	25.03	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	164413	21.75	ug/l	95
20) Methylene Chloride	2.70	84	50974	20.97	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	45839	20.70	ug/l	97
22) Diisopropyl ether	3.57	45	158002	21.35	ug/l	94
23) Vinyl Acetate	3.53	43	658021	99.25	ug/l	98
24) 1,1-Dichloroethane	3.45	63	90067	21.15	ug/l	99
25) 2-Butanone	4.26	43	222191	106.79	ug/l	95
26) 2,2-Dichloropropane	4.23	77	86640	21.43	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	53840	21.15	ug/l	98
28) Bromochloromethane	4.55	49	39138	20.87	ug/l	84
29) Tetrahydrofuran	4.64	42	130392	101.20	ug/l	95
30) Chloroform	4.68	83	94151	21.85	ug/l	99
31) Cyclohexane	5.00	56	81749	20.46	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	87008	21.83	ug/l	96
36) 1,1-Dichloropropene	5.14	75	65652	21.09	ug/l	97
37) Ethyl Acetate	4.38	43	77589	22.87	ug/l	98
38) Carbon Tetrachloride	5.14	117	75357	22.01	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	82421	21.22	ug/l	96
40) Benzene	5.39	78	195362	22.03	ug/l	100
41) Methacrylonitrile	4.54	41	42784	23.39	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80989	23.97	ug/l	99
43) Isopropyl Acetate	5.55	43	123739	21.10	ug/l	99
44) Trichloroethene	6.19	130	54784	21.70	ug/l	97
45) 1,2-Dichloropropane	6.44	63	52015	21.98	ug/l	98
46) Dibromomethane	6.56	93	37221	22.39	ug/l	94
47) Bromodichloromethane	6.76	83	72370	21.86	ug/l	97
48) Methyl methacrylate	6.62	41	64508	22.59	ug/l	97
49) 1,4-Dioxane	6.62	88	30267	541.96	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	402692	109.30	ug/l	98
52) Toluene	7.64	92	125688	22.03	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	75648	20.35	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	82190	20.75	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	51397	22.16	ug/l	96
56) Ethyl methacrylate	8.02	69	80765	20.80	ug/l	99
57) 1,3-Dichloropropane	8.25	76	89417	22.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	131245	88.24	ug/l	96
59) 2-Hexanone	8.36	43	320518	106.56	ug/l	99
60) Dibromochloromethane	8.48	129	57066	19.73	ug/l	100
61) 1,2-Dibromoethane	8.59	107	57599	22.31	ug/l	100
64) Tetrachloroethene	8.23	164	51832	21.82	ug/l	98
65) Chlorobenzene	9.12	112	142127	22.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	55190	22.75	ug/l	98
67) Ethyl Benzene	9.25	91	246211	22.00	ug/l	96
68) m/p-Xylenes	9.38	106	192986	44.90	ug/l	97
69) o-Xylene	9.78	106	96109	22.59	ug/l	95
70) Styrene	9.80	104	147810	21.14	ug/l	98
71) Bromoform	9.96	173	44438	19.27	ug/l #	100
73) Isopropylbenzene	10.17	105	256519	22.99	ug/l	99
74) N-amyl acetate	10.01	43	104148	19.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	84822	22.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	73327m	22.92	ug/l	
77) Bromobenzene	10.45	156	64771	22.93	ug/l	95
78) n-propylbenzene	10.59	91	283414	21.56	ug/l	98
79) 2-Chlorotoluene	10.66	91	175931	22.70	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	215903	22.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	26413m	19.10	ug/l	
82) 4-Chlorotoluene	10.78	91	196460	21.77	ug/l	99
83) tert-Butylbenzene	11.10	119	217447	23.37	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	219560	22.28	ug/l	100
85) sec-Butylbenzene	11.33	105	256969	22.07	ug/l	98
86) p-Isopropyltoluene	11.48	119	227626	21.82	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	113611	21.77	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	114838	21.86	ug/l	99
89) n-Butylbenzene	11.89	91	175492	18.95	ug/l	98
90) Hexachloroethane	12.15	117	39107	19.22	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	117719	22.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21191	20.54	ug/l	94

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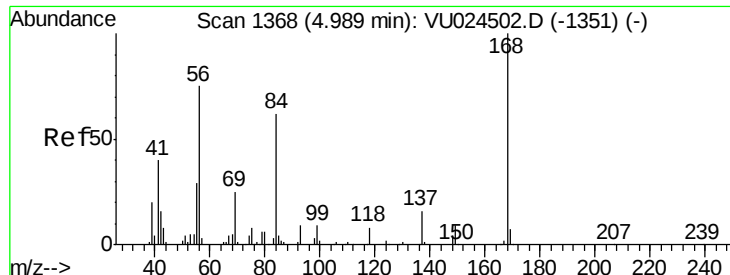
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70169	21.74	ug/l	99
94) Hexachlorobutadiene	13.70	225	40088	22.06	ug/l	98
95) Naphthalene	13.75	128	229434	21.86	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73698	22.91	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion:168 Resp: 176593

Ion Ratio Lower Upper

168 100

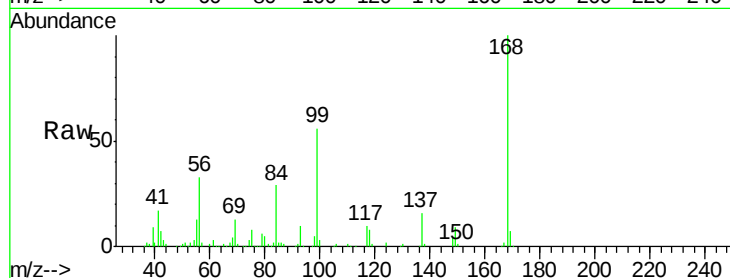
99 55.4 43.2 64.8

Manual Integrations

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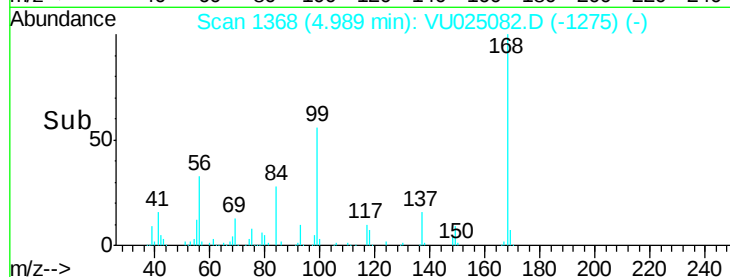
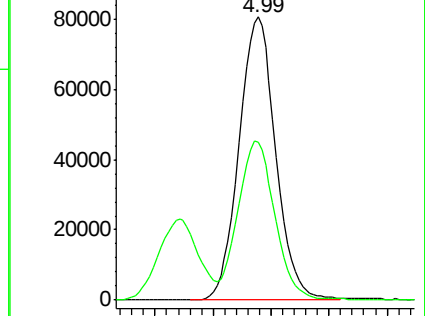
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 17.80 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025082.D

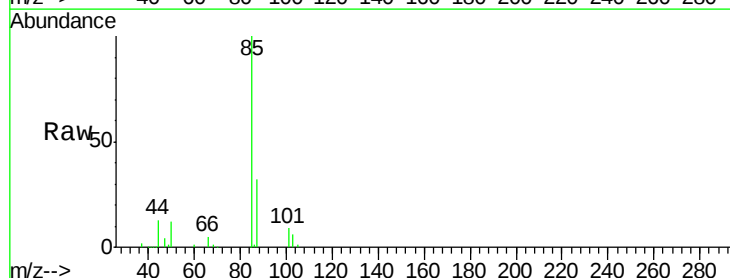
Acq: 30 Jun 2018 12:44

Tgt Ion: 85 Resp: 39345

Ion Ratio Lower Upper

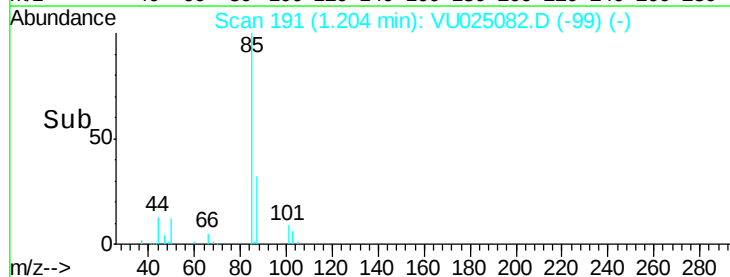
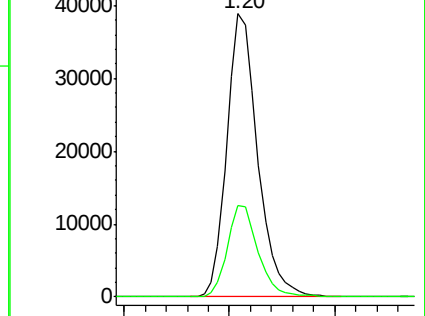
85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 18.94 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion: 50 Resp: 42778

Ion Ratio Lower Upper

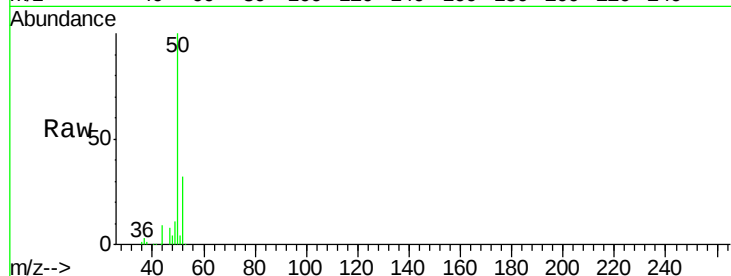
50 100

52 32.2 26.4 39.6

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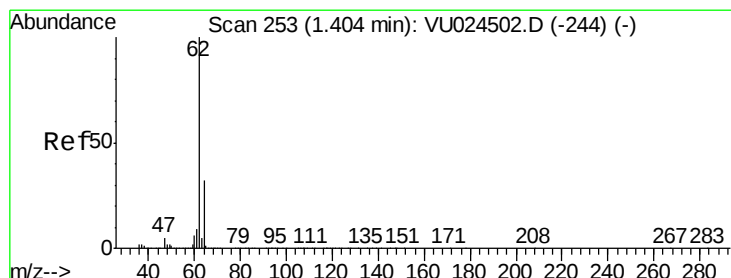
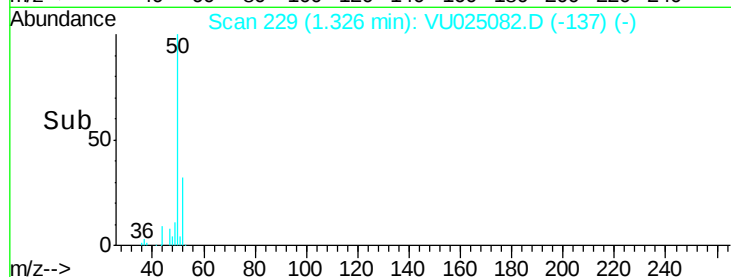
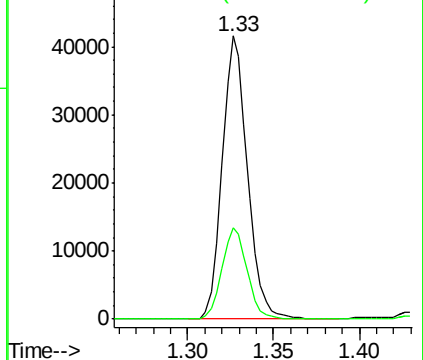
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.48 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025082.D

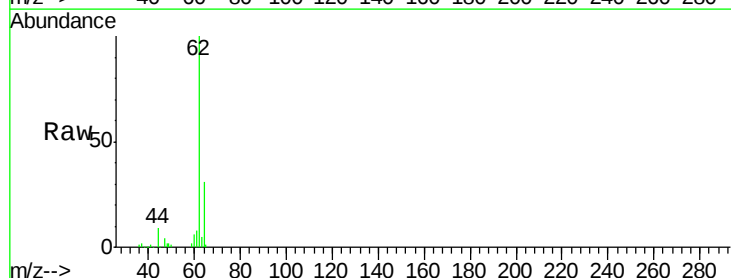
Acq: 30 Jun 2018 12:44

Tgt Ion: 62 Resp: 45367

Ion Ratio Lower Upper

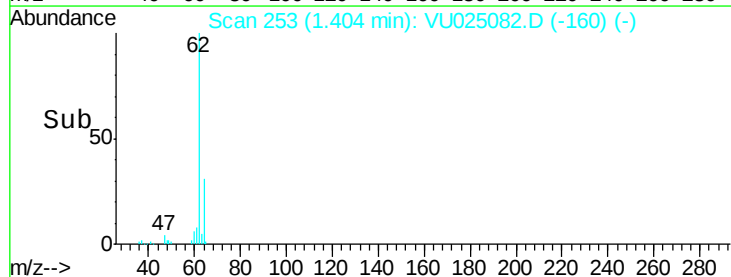
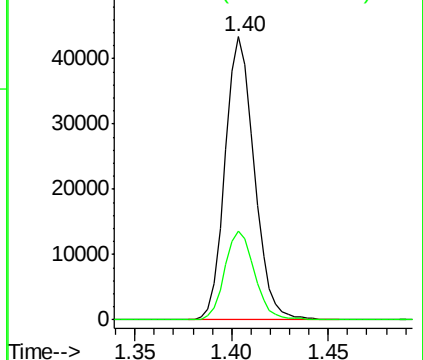
62 100

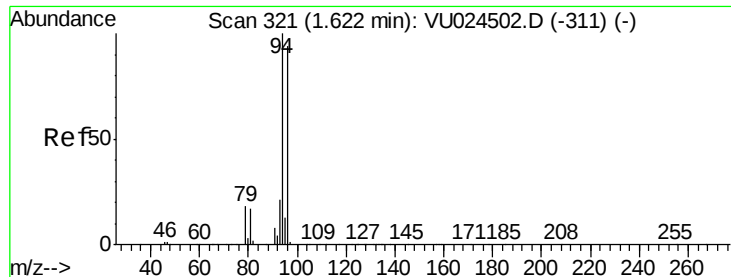
64 31.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 27.12 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion: 94 Resp: 30528

Ion Ratio Lower Upper

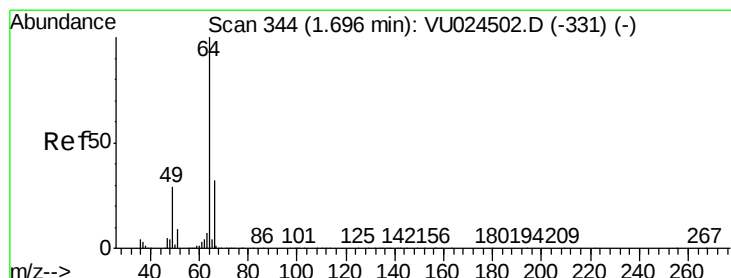
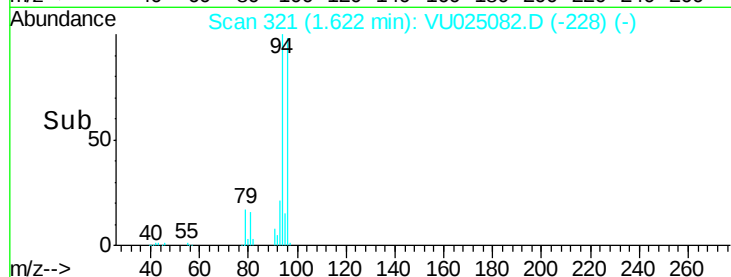
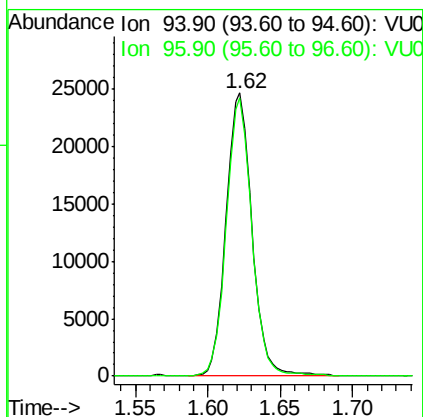
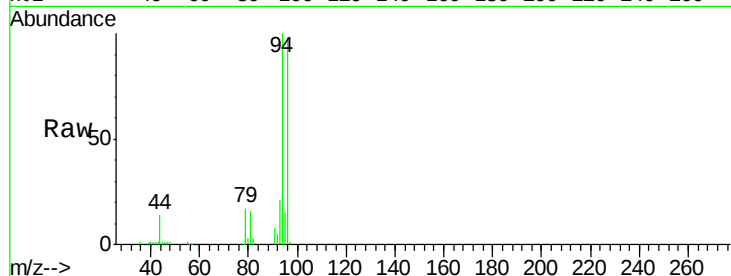
94 100

96 98.2 74.5 111.7

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#6

Chloroethane

Concen: 22.53 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025082.D

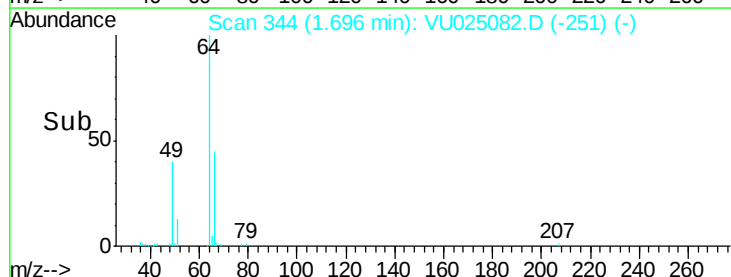
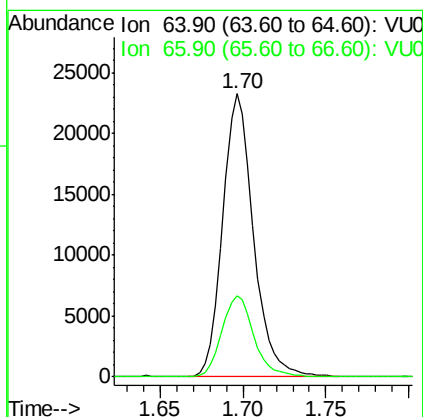
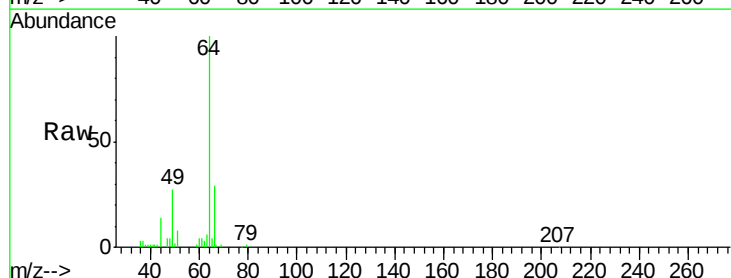
Acq: 30 Jun 2018 12:44

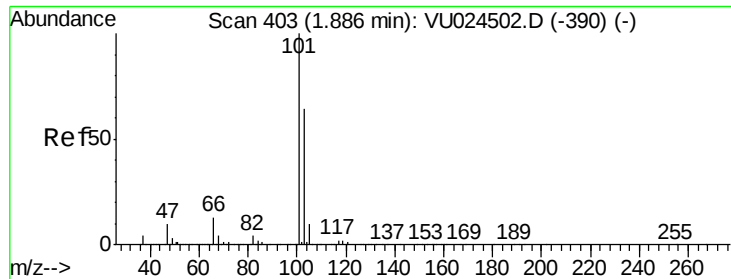
Tgt Ion: 64 Resp: 30070

Ion Ratio Lower Upper

64 100

66 28.7 25.5 38.3





#7

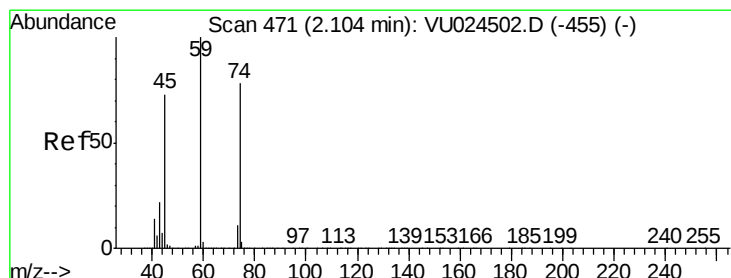
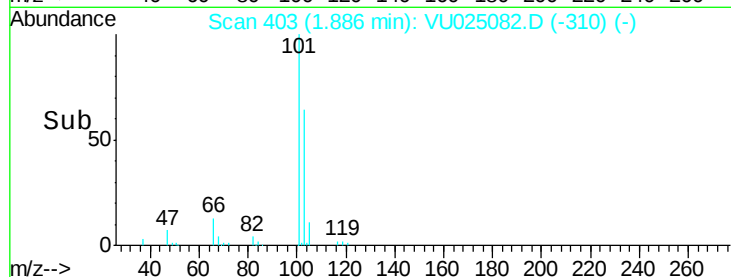
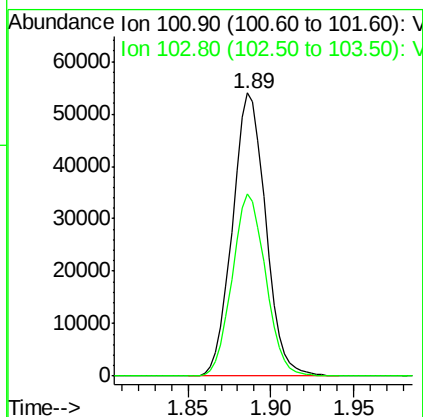
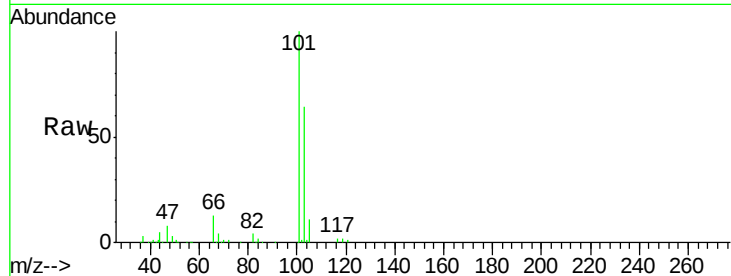
Trichlorofluoromethane
Concen: 21.20 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
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ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

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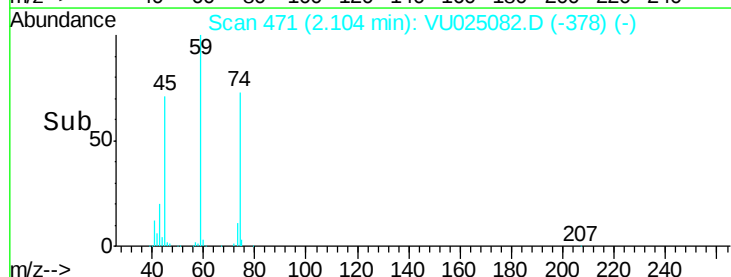
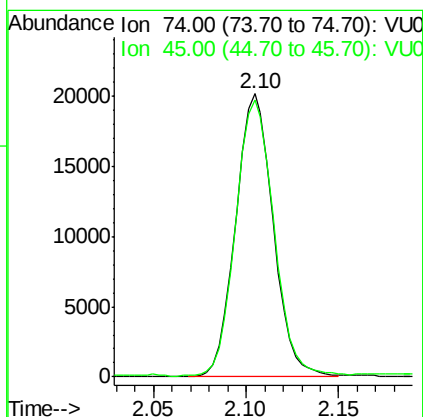
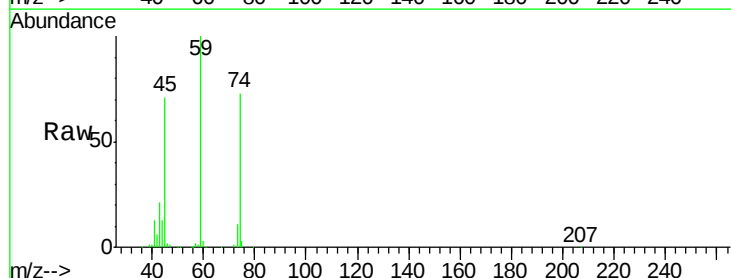
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#8

Diethyl Ether
Concen: 22.49 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.61 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

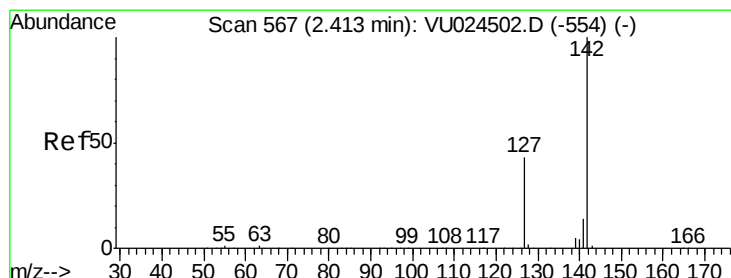
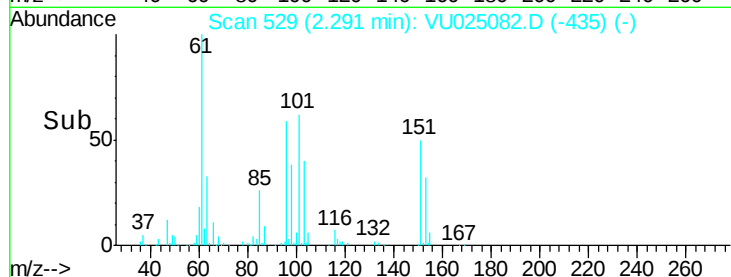
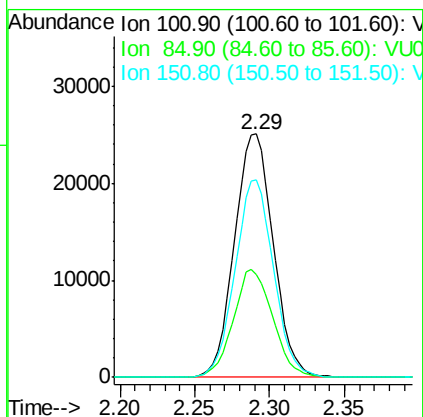
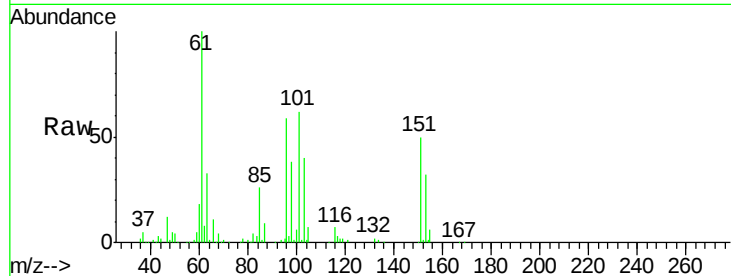
ClientSampleId :

VU0630WBS01

Tot Ion:	101	Resp:	45446
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	80.3	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 26.52 ug/l

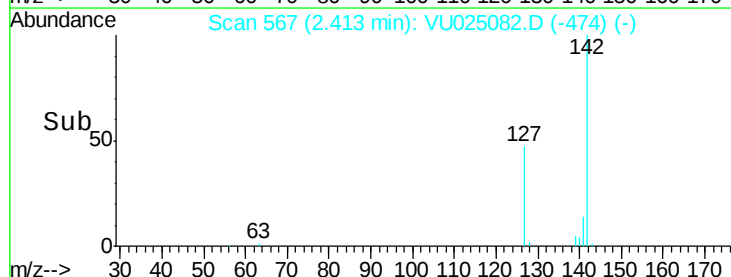
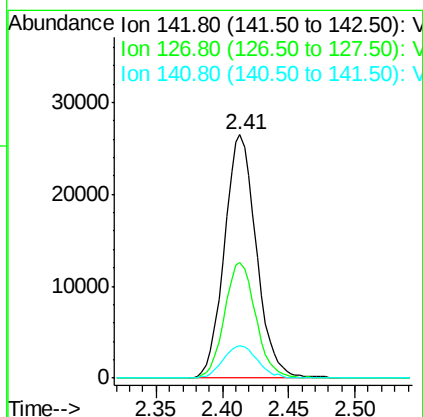
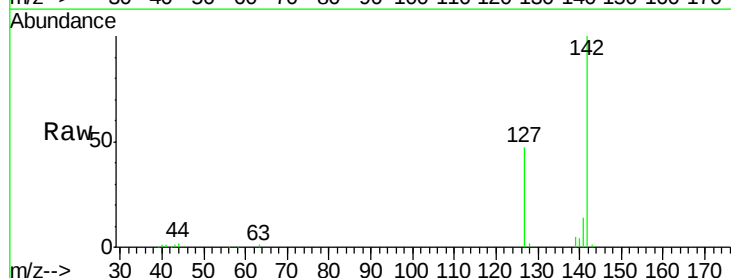
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	142	Resp:	44312
Ion Ratio	Lower	Upper	
142	100		
127	46.6	35.6	53.4
141	14.3	11.7	17.5





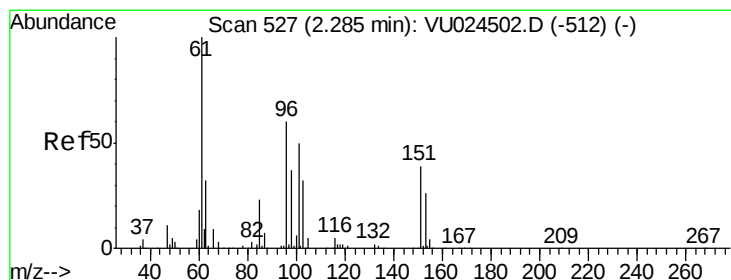
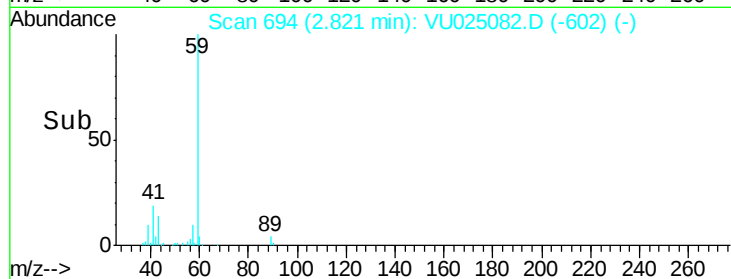
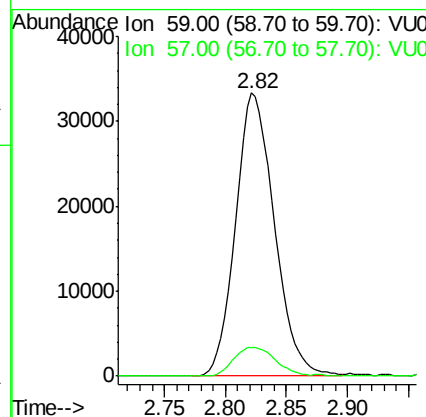
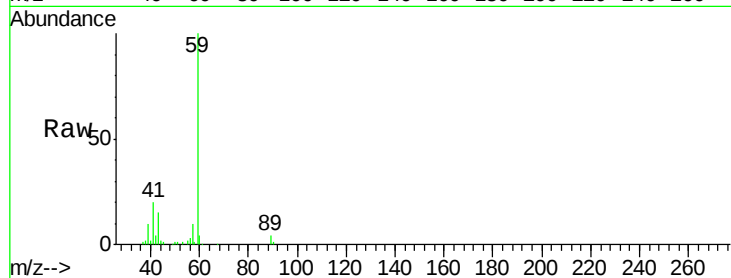
#11
Tert butyl alcohol
Concen: 105.05 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

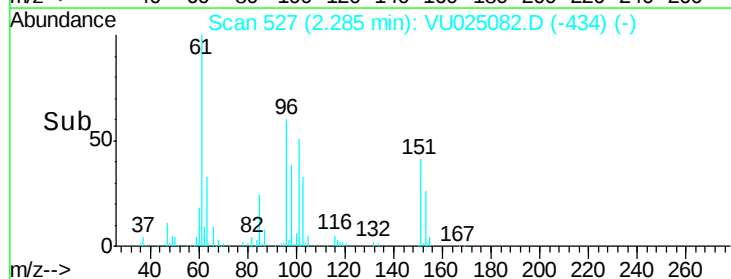
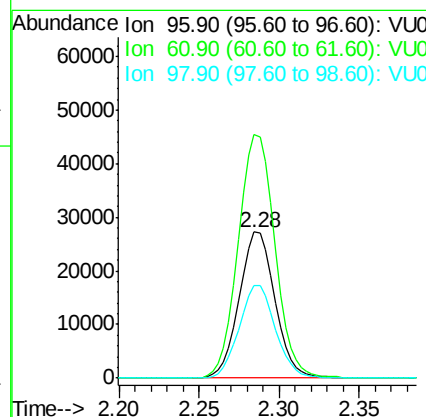
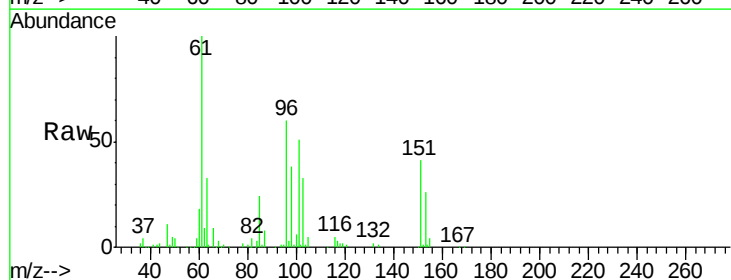
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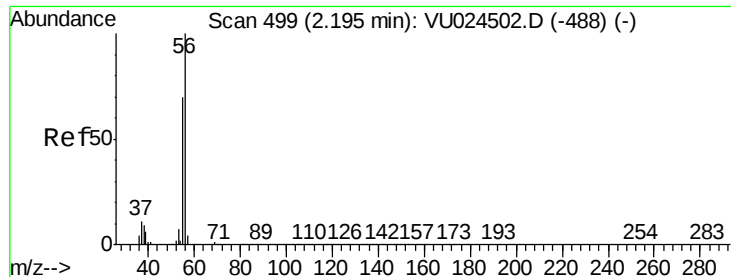
apatel
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#12
1,1-Dichloroethene
Concen: 20.54 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.9	141.7	212.5
98	63.5	51.6	77.4





#13

Acrolein

Concen: 63.52 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion: 56 Resp: 23389

Ion Ratio Lower Upper

56 100

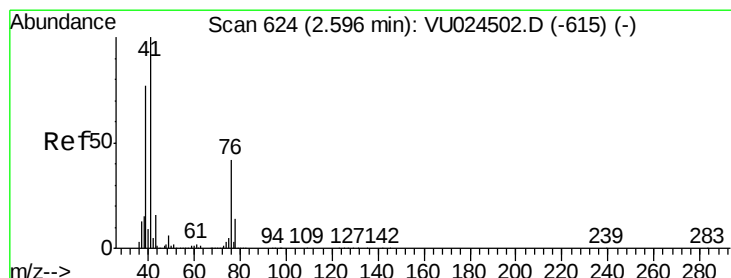
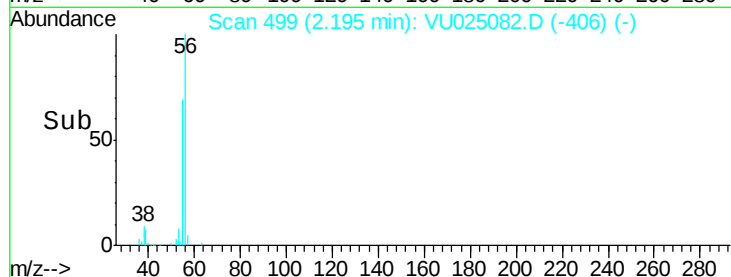
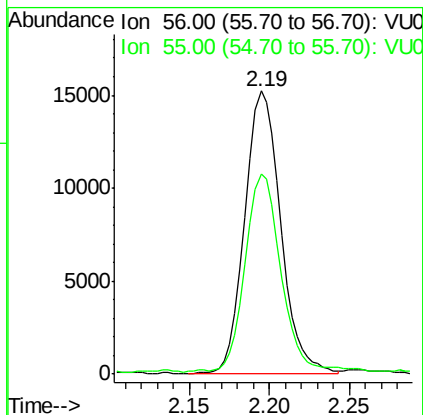
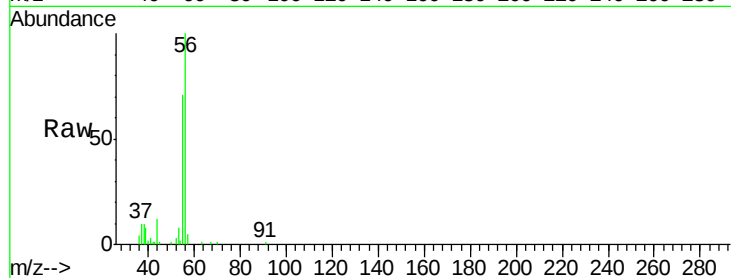
55 69.3 58.4 87.6

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#14

Allyl chloride

Concen: 19.49 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

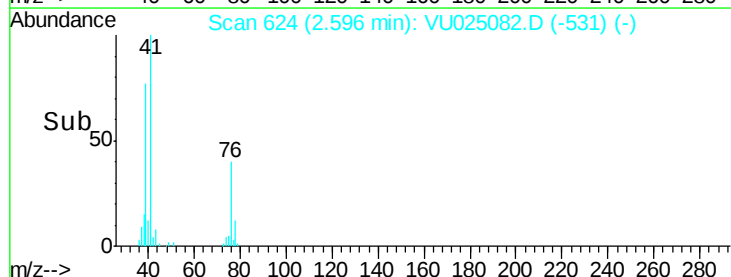
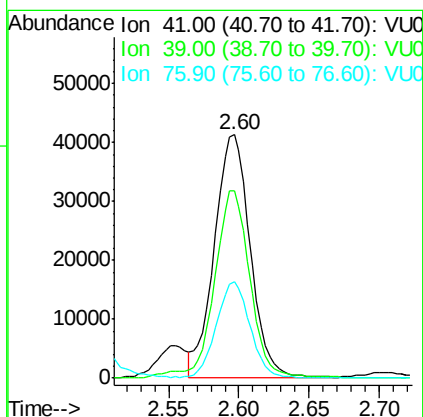
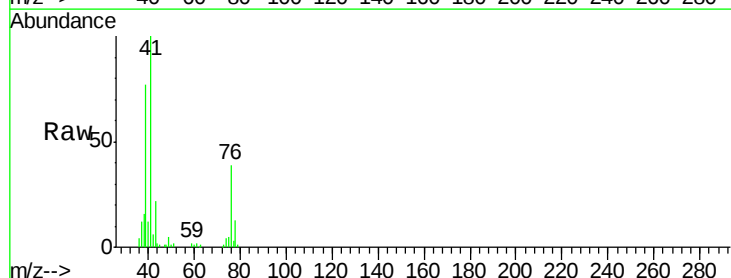
Tgt Ion: 41 Resp: 72764

Ion Ratio Lower Upper

41 100

39 77.4 61.6 92.4

76 37.4 29.7 44.5





#15

Acrylonitrile

Concen: 104.07 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

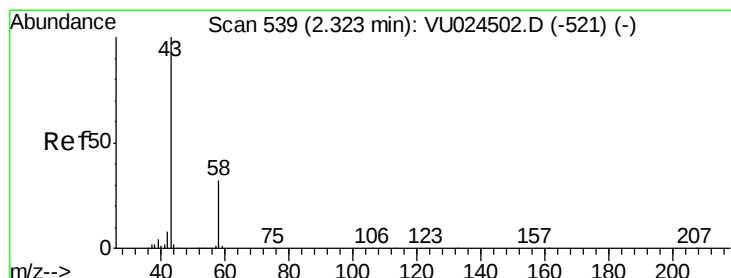
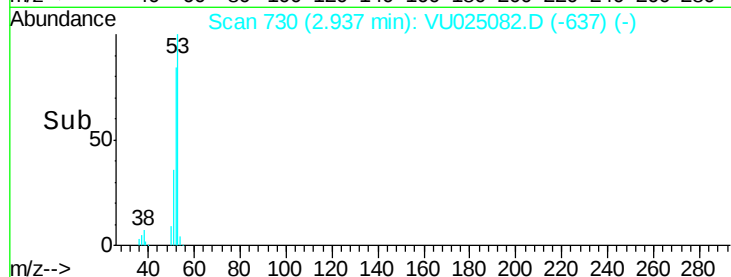
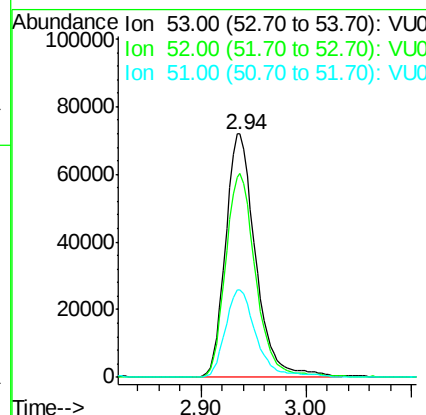
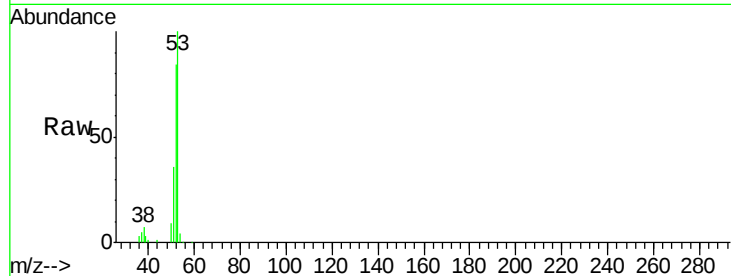
ClientSampleId :

VU0630WBS01

Tot Ion:	53	Resp:	141971
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.1	100.7
51	37.5	28.4	42.6

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#16

Acetone

Concen: 112.89 ug/l

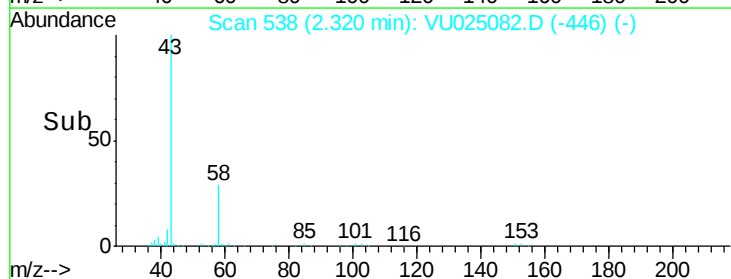
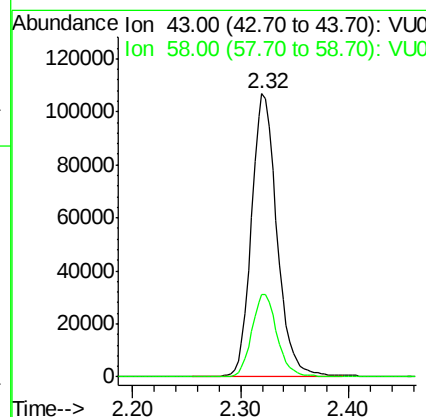
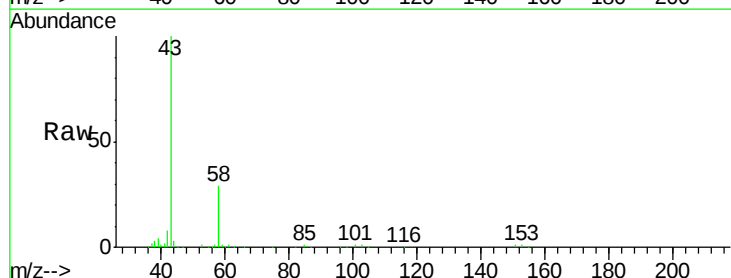
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	43	Resp:	174864
Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.4	36.6





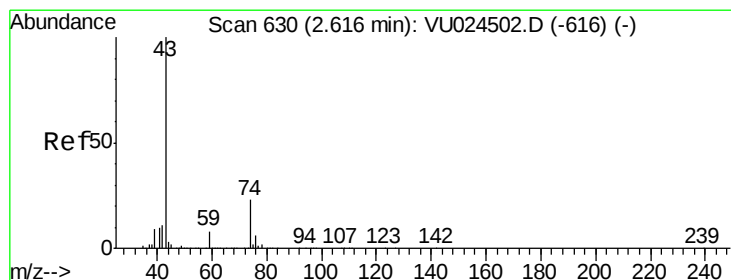
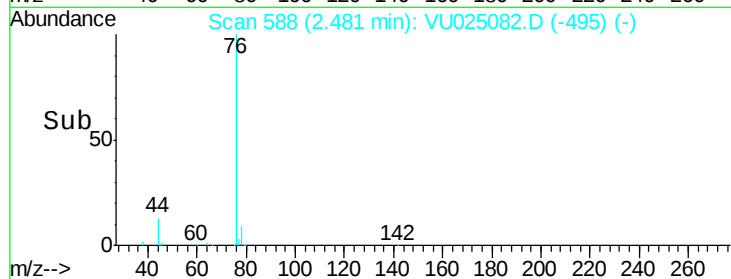
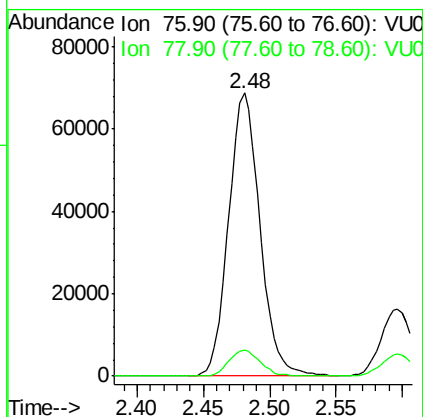
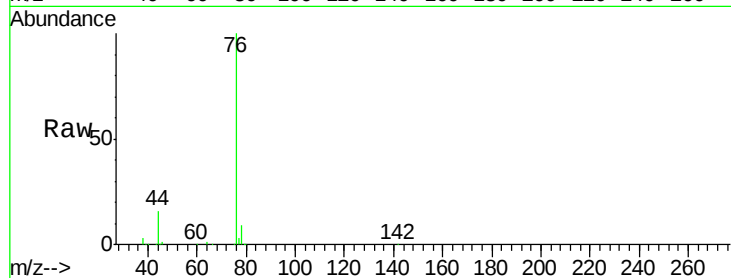
#17
Carbon Disulfide
Concen: 17.57 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

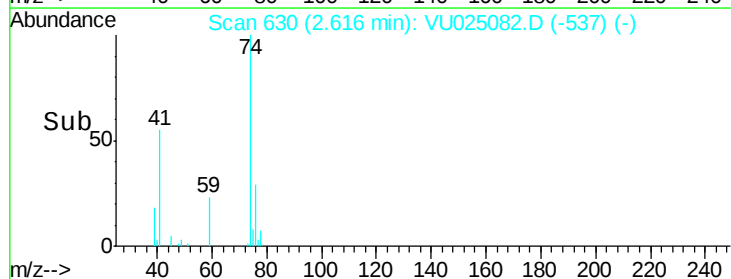
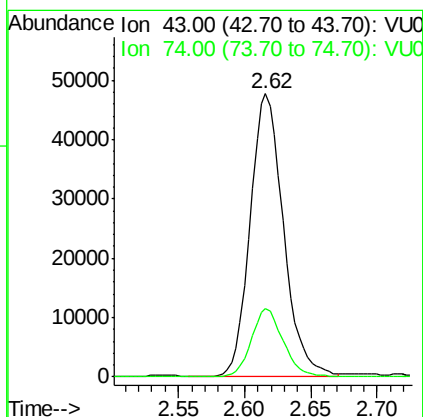
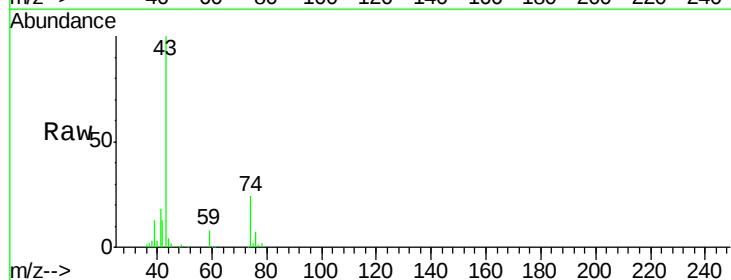
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#18
Methyl Acetate
Concen: 25.03 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.0	27.0





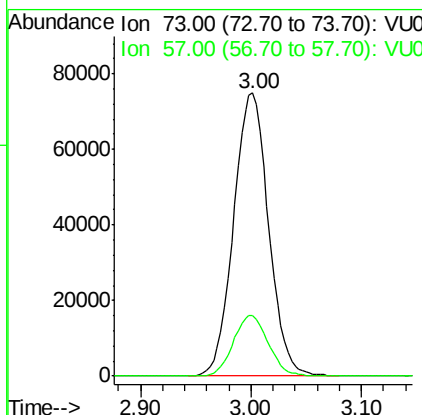
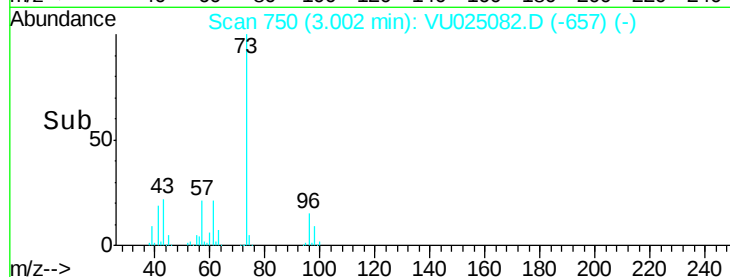
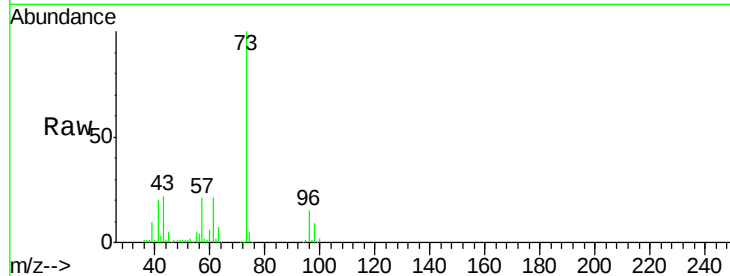
#19
Methvl tert-butvl Ether
Concen: 21.75 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

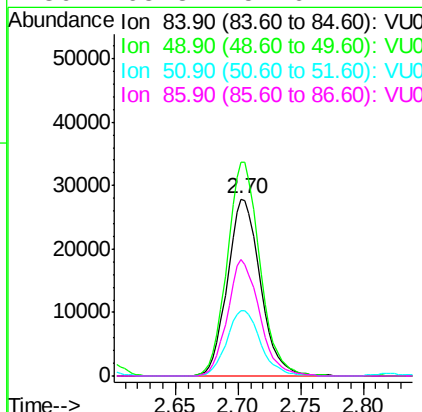
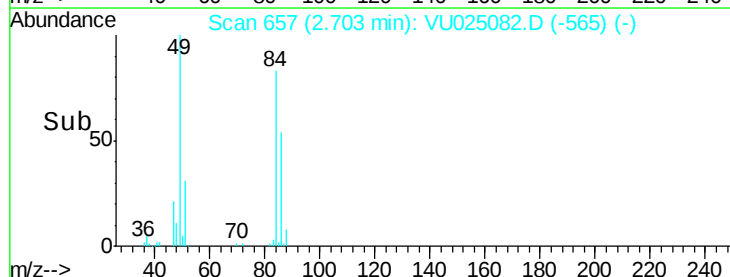
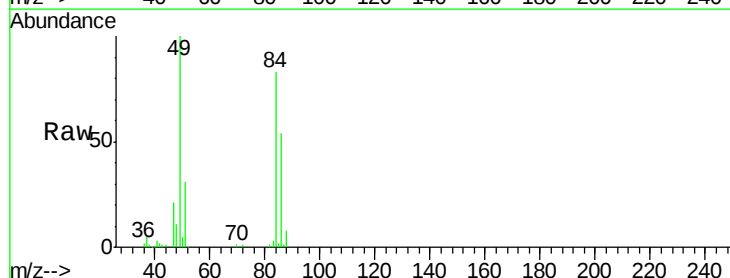
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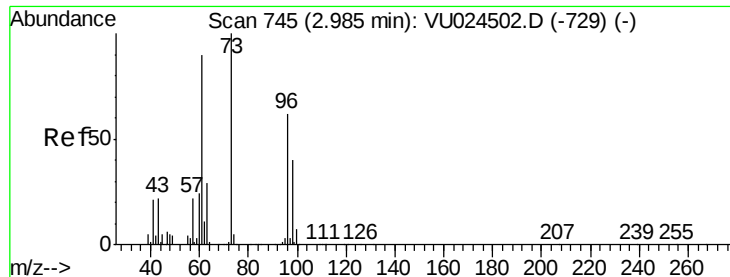
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#20
Methylene Chloride
Concen: 20.97 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	103.8	155.8
51	36.9	32.0	48.0
86	65.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 20.70 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

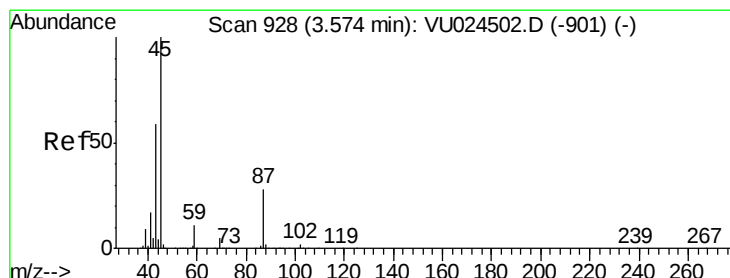
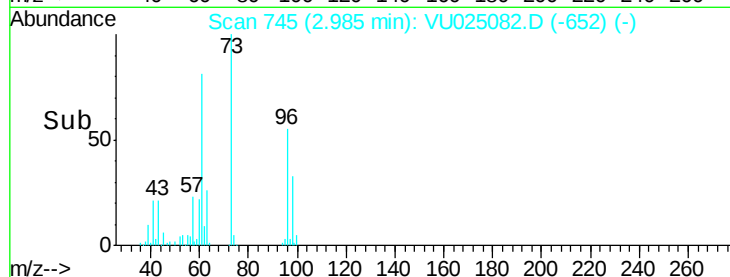
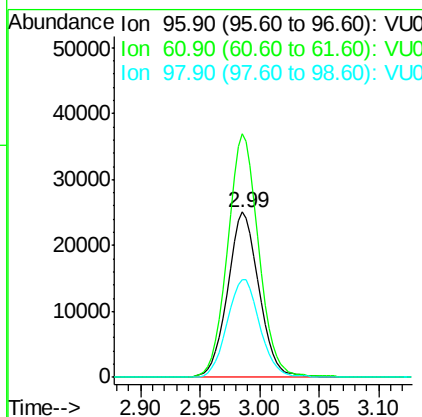
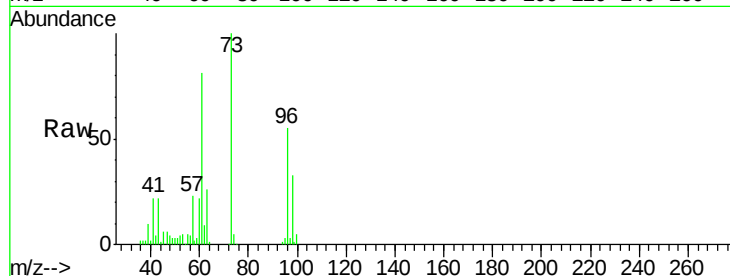
ClientSampleId :

VU0630WBS01

Tot Ion:	96	Resp:	45839
Ion	Ratio	Lower	Upper
96	100		
61	147.6	119.4	179.0
98	59.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 21.35 ug/l

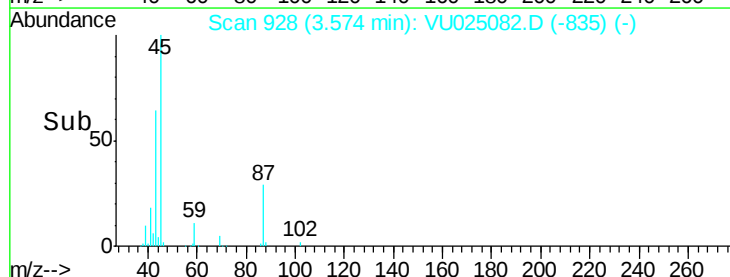
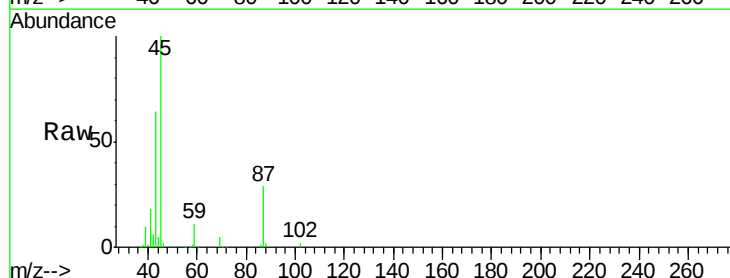
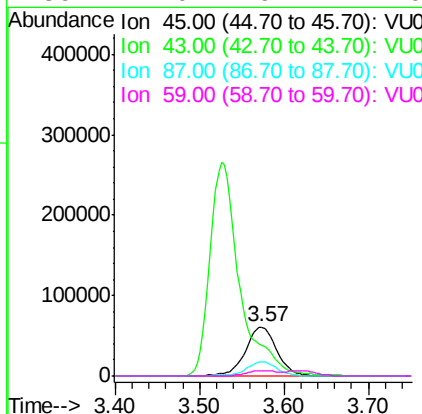
RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	45	Resp:	158002
Ion	Ratio	Lower	Upper
45	100		
43	62.1	45.8	68.6
87	29.1	20.6	31.0
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 99.25 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tot Ion: 43 Resp: 658021

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8

Instrument :

MSVOA_U

ClientSampleId :

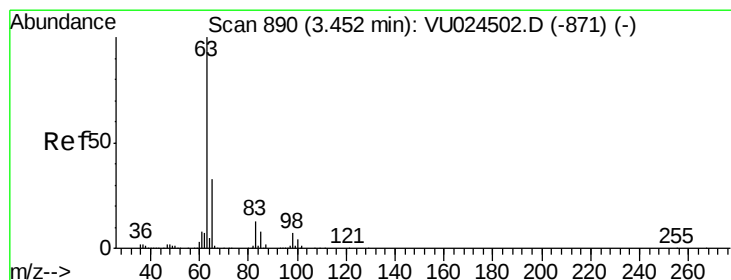
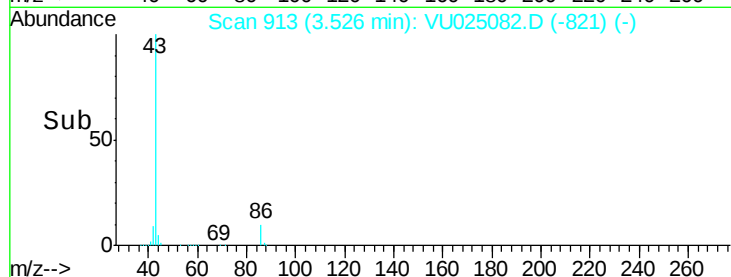
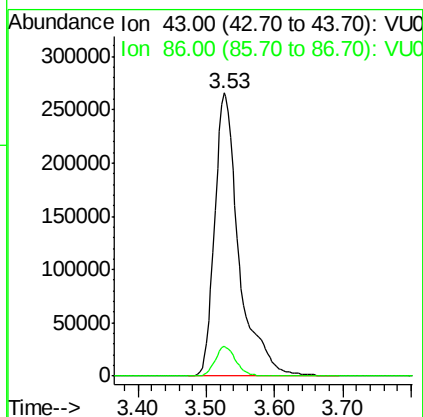
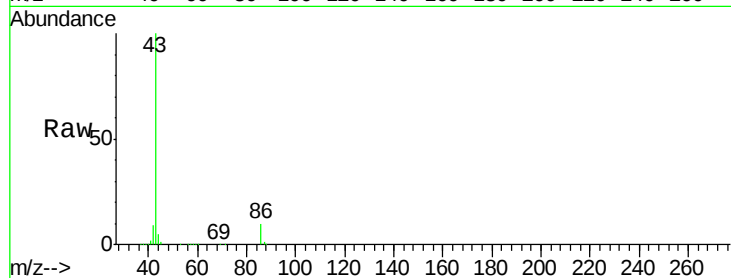
VU0630WBS01

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#24

1,1-Dichloroethane

Concen: 21.15 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

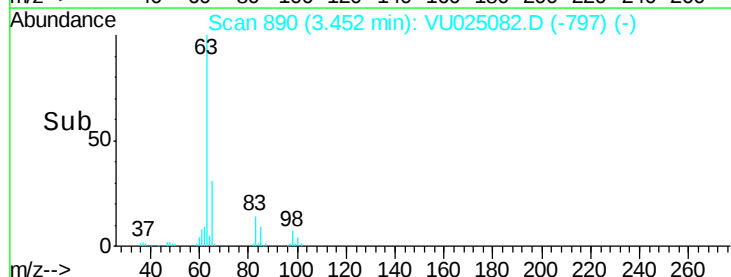
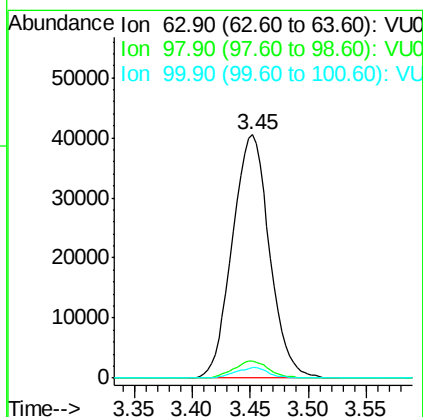
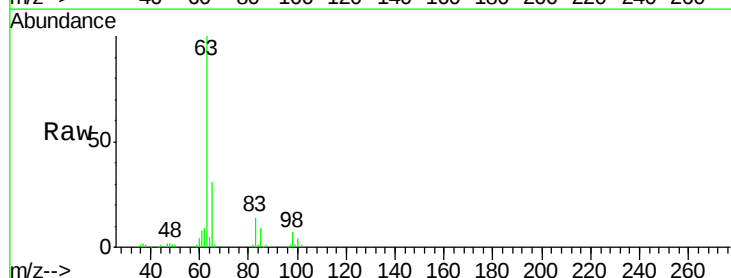
Tgt Ion: 63 Resp: 90067

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.1 1.8 5.5





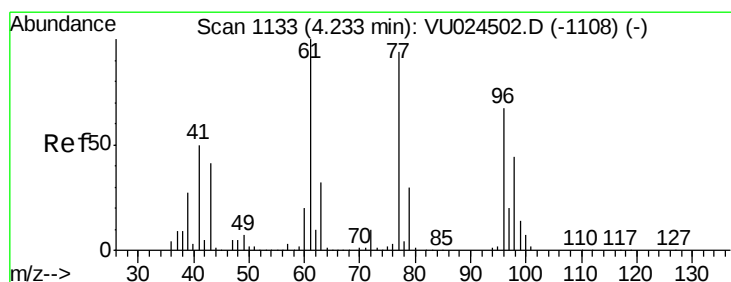
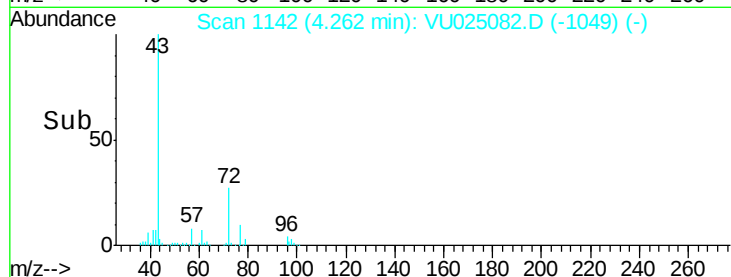
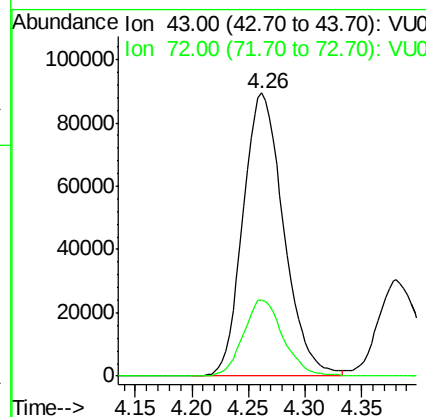
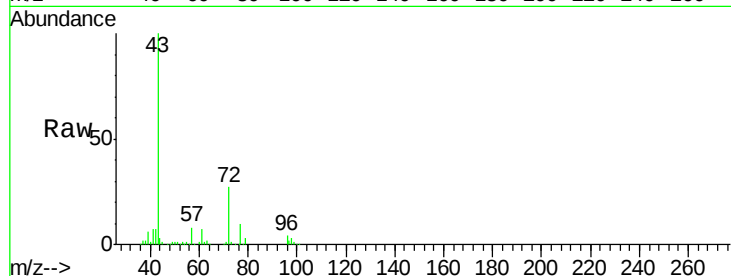
#25
2-Butanone
Concen: 106.79 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampled :
VU0630WBS01

Tot Ion: 43 Resp: 222191
Ion Ratio Lower Upper
43 100
72 27.1 19.6 29.4

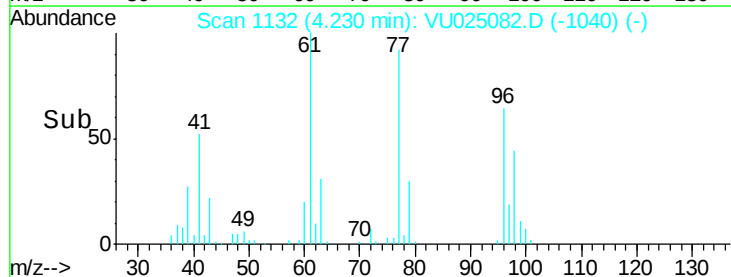
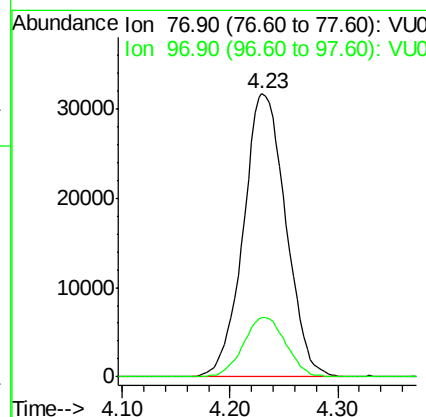
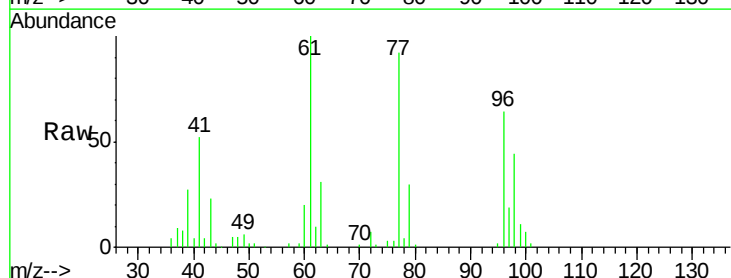
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#26
2,2-Dichloropropane
Concen: 21.43 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion: 77 Resp: 86640
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.15 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

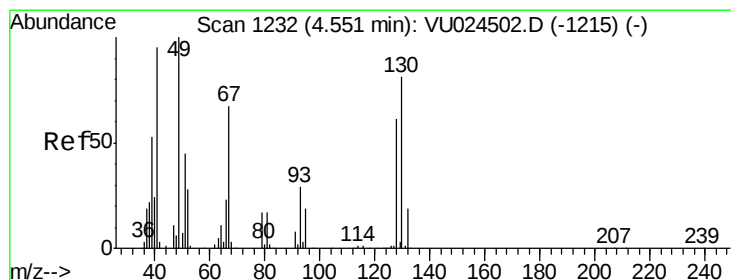
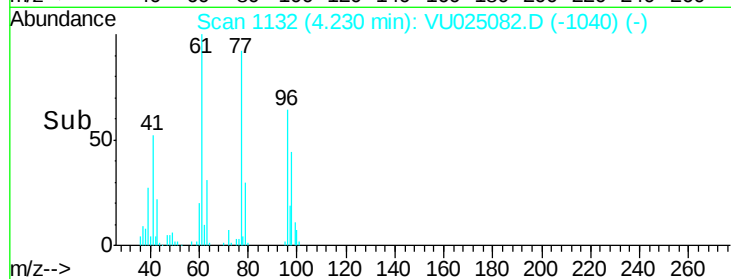
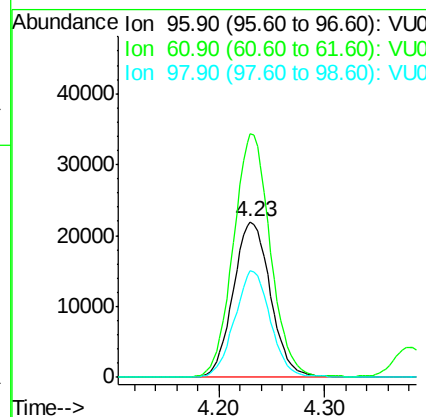
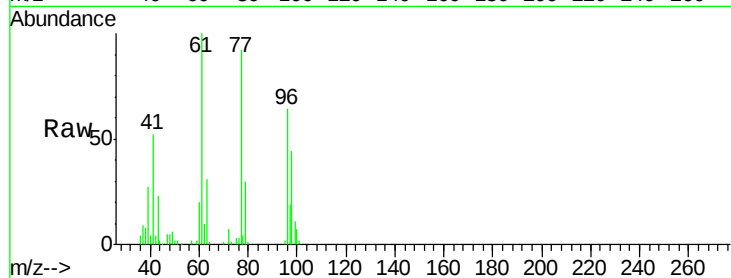
ClientSampleId :

VU0630WBS01

Tot Ion:	96	Resp:	53840
Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	306.6
98	66.0	0.0	128.8

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#28

Bromochloromethane

Concen: 20.87 ug/l

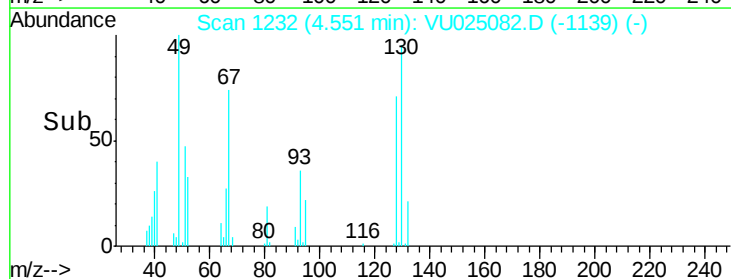
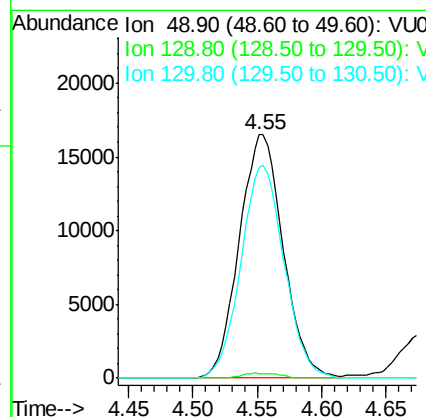
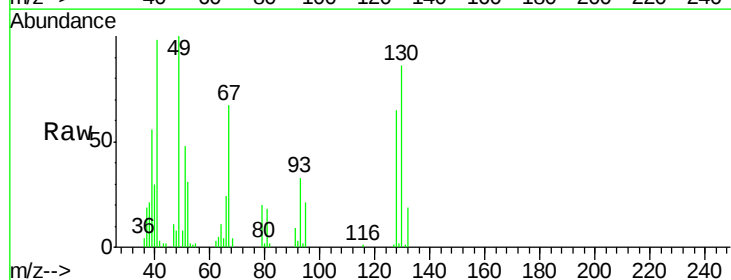
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	49	Resp:	39138
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	85.6	57.8	86.6





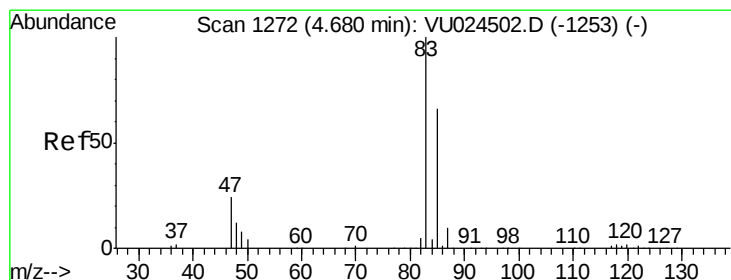
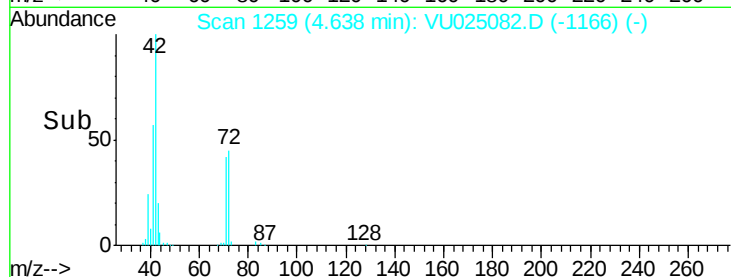
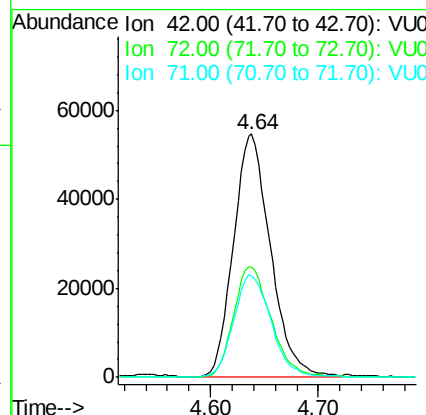
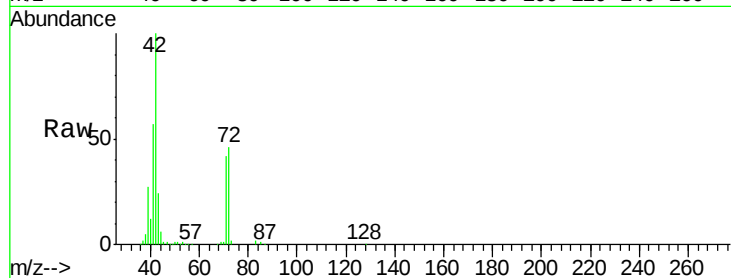
#29
Tetrahydrofuran
Concen: 101.20 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.5	51.7
71	43.1	32.2	48.4

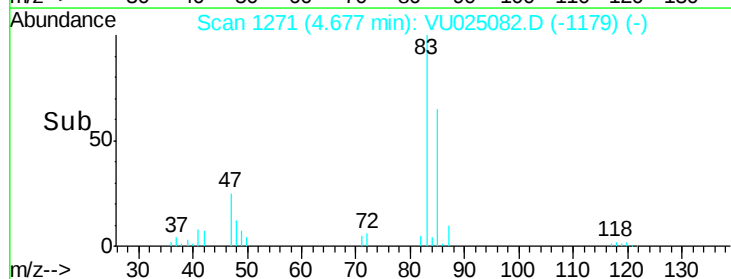
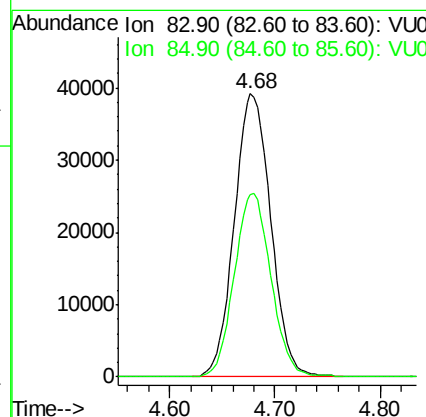
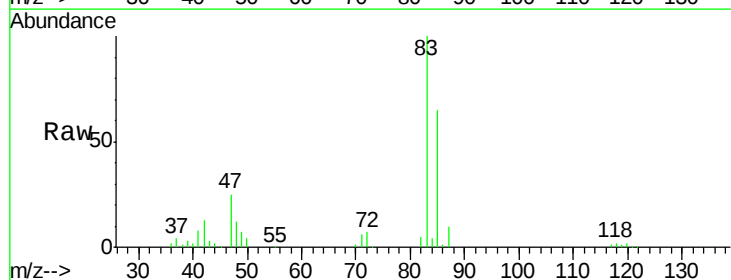
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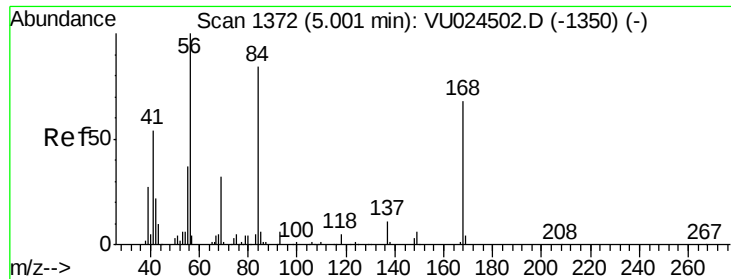
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#30
Chloroform
Concen: 21.85 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.4	78.6





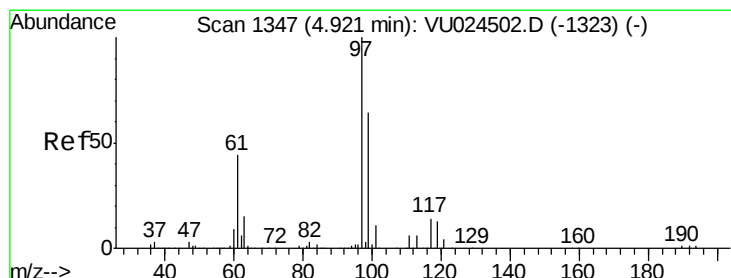
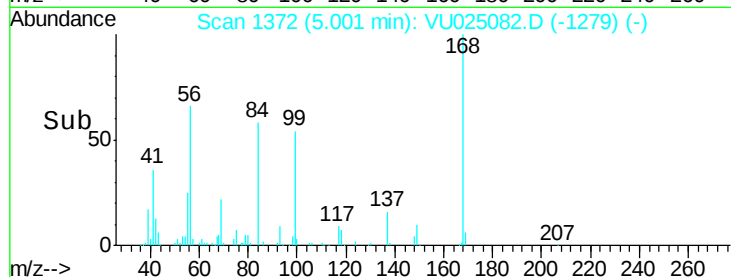
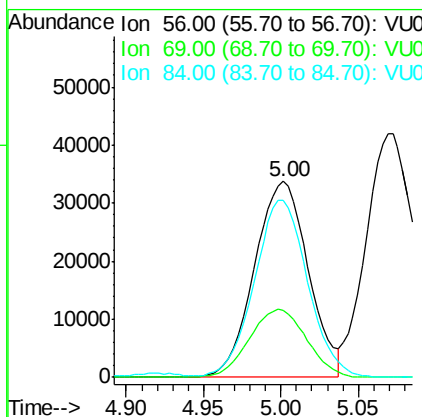
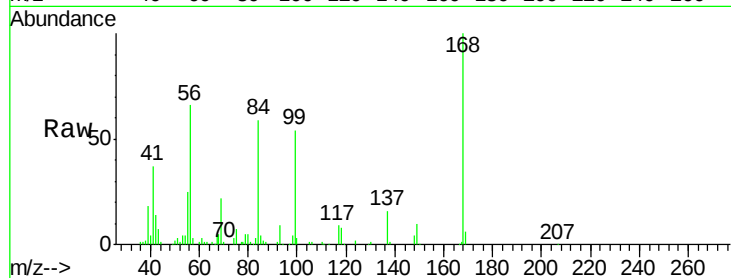
#31
Cyclohexane
Concen: 20.46 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampled :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	24.8	37.2
84	89.4	65.2	97.8

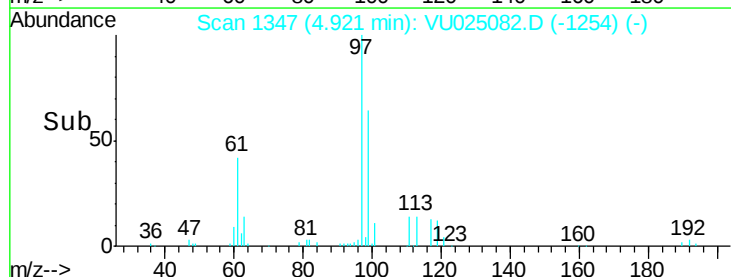
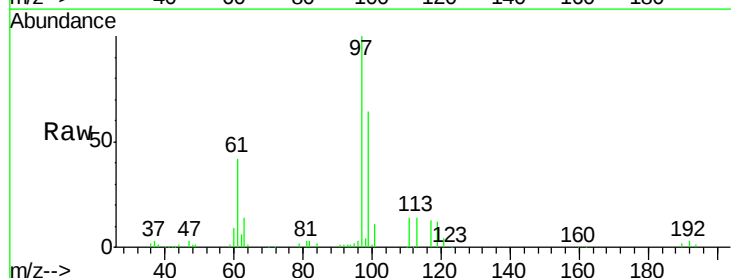
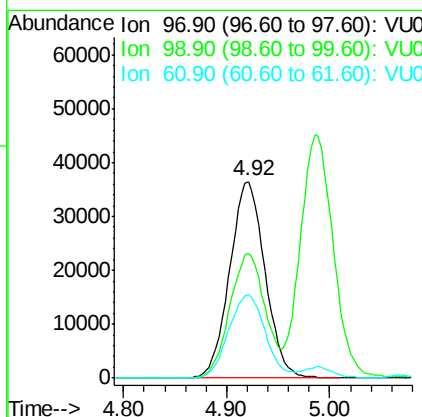
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#32
1,1,1-Trichloroethane
Concen: 21.83 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.6
61	44.1	39.4	59.0





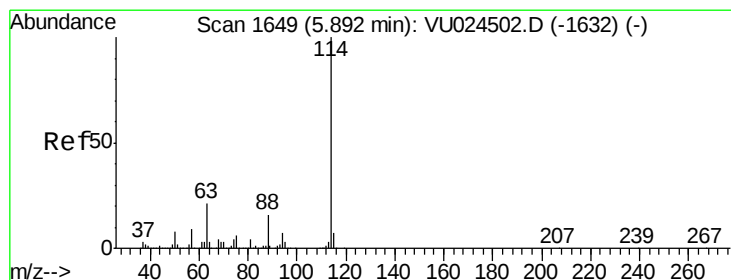
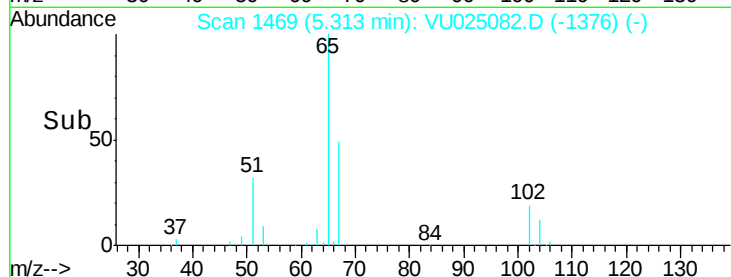
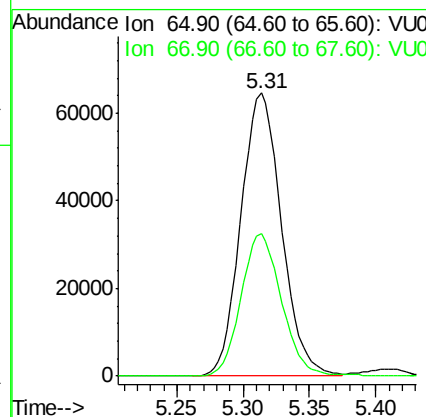
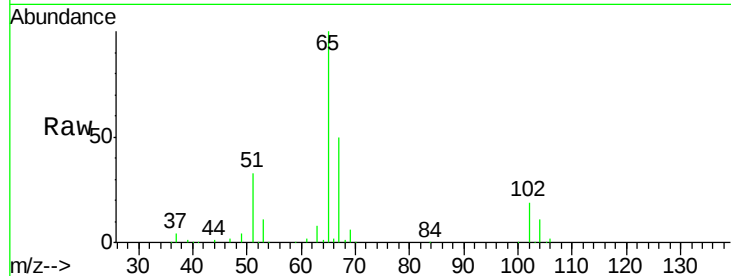
#33
 1,2-Dichloroethane-d4
 Concen: 47.81 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	107.0

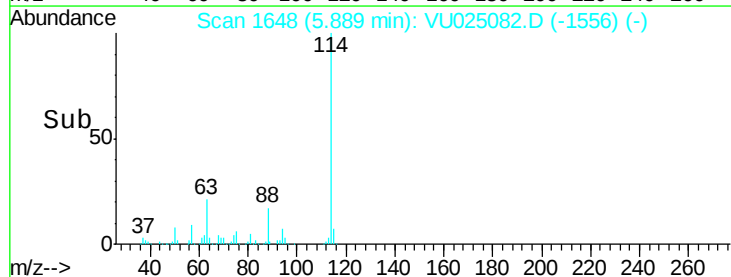
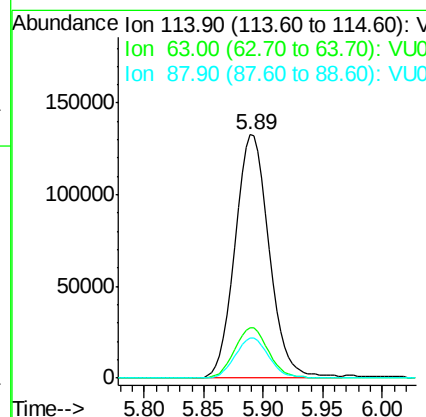
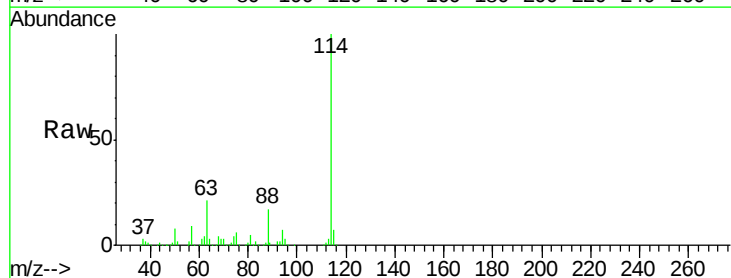
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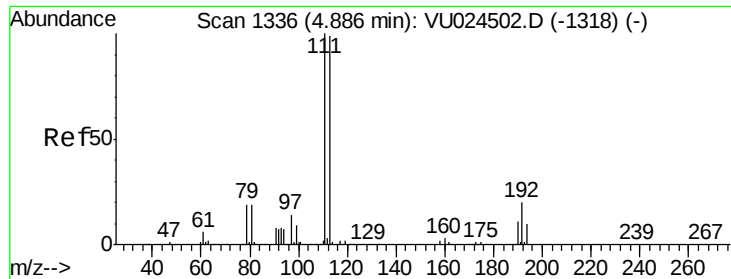
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	45.4
88	16.6	0.0	31.0





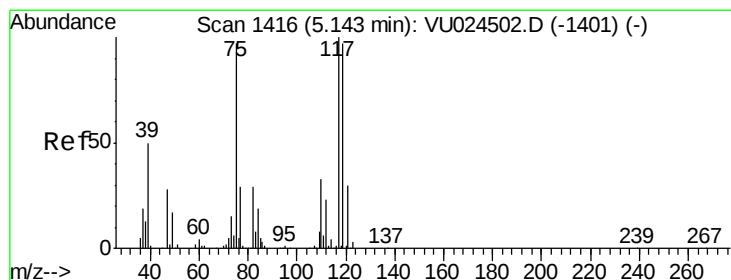
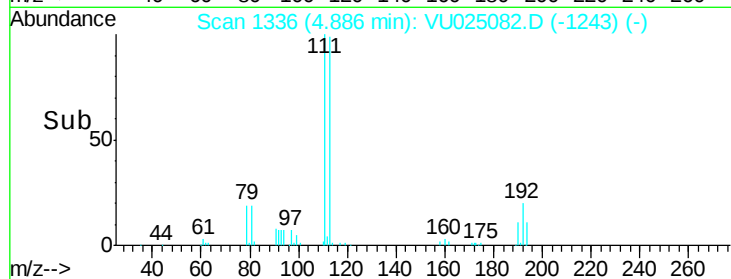
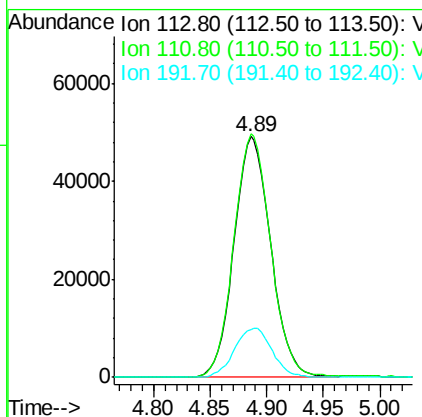
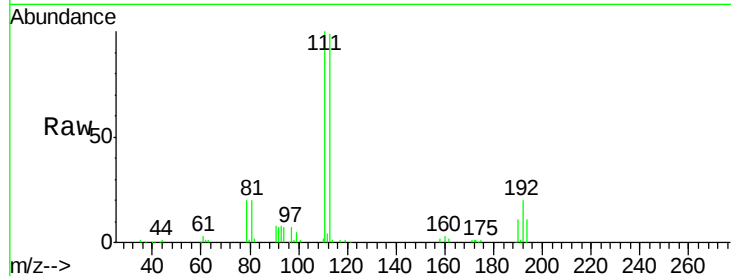
#35
Dibromofluoromethane
Concen: 50.51 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	20.9	16.2	24.4

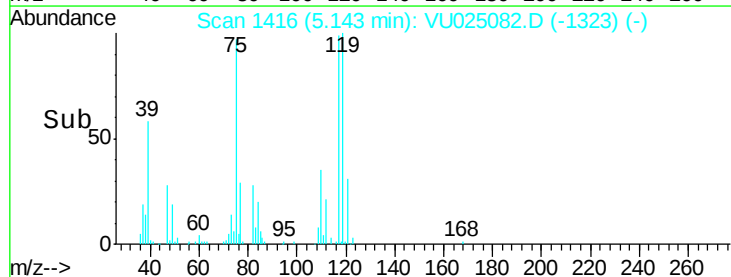
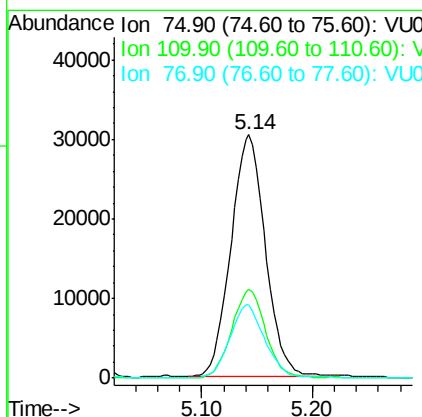
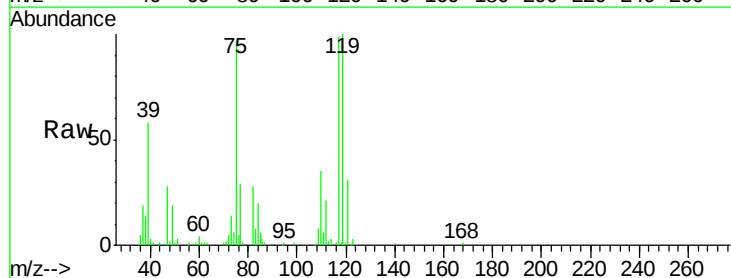
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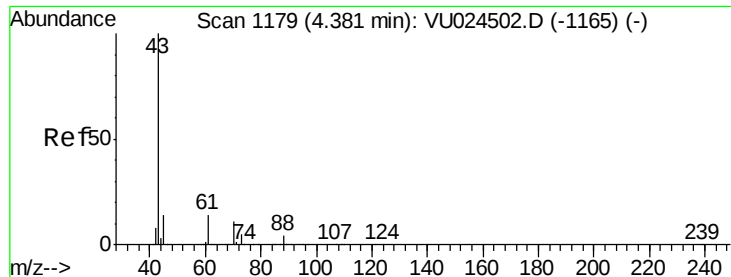
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#36
1,1-Dichloropropene
Concen: 21.09 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.0	50.9
77	29.8	24.2	36.4





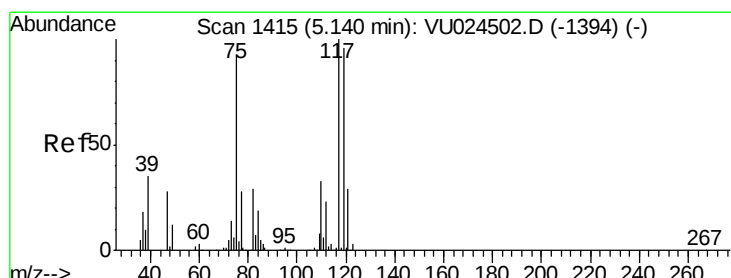
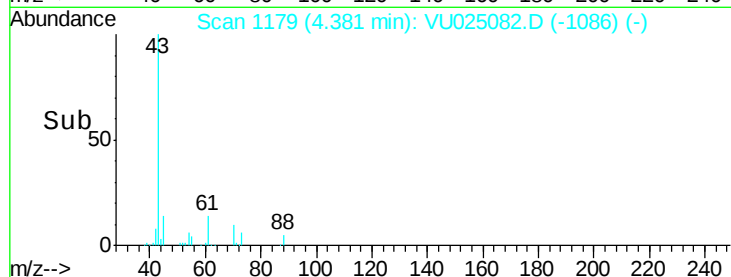
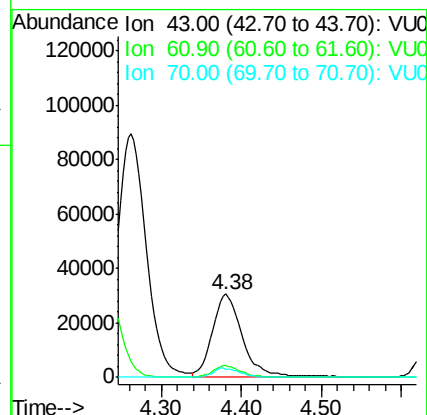
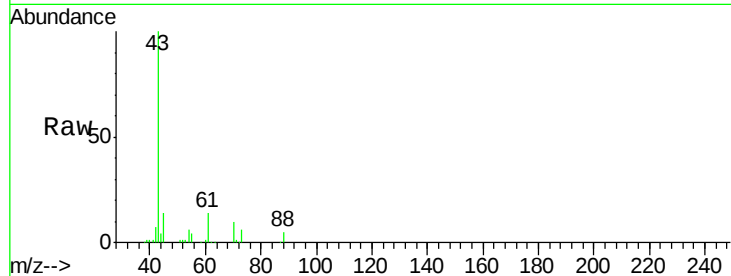
#37
Ethyl Acetate
Concen: 22.87 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.5	15.7
70	10.0	7.4	11.2

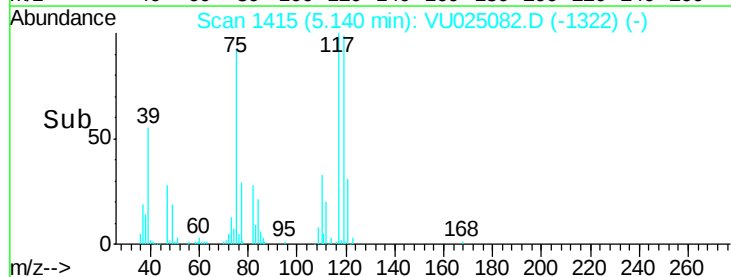
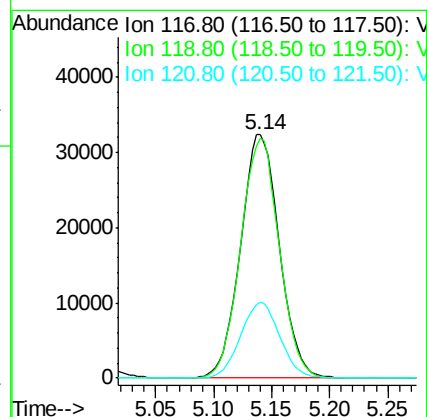
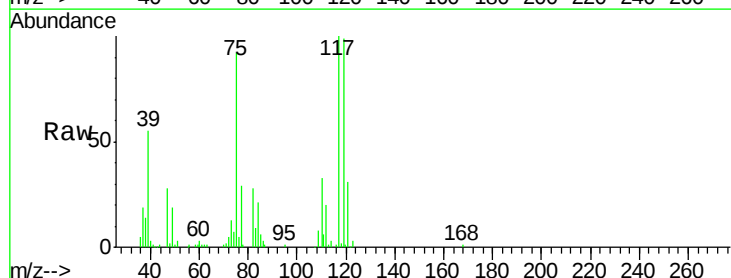
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#38
Carbon Tetrachloride
Concen: 22.01 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.1	114.1
121	31.3	23.7	35.5





#39

Methvlcvclohexane

Concen: 21.22 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

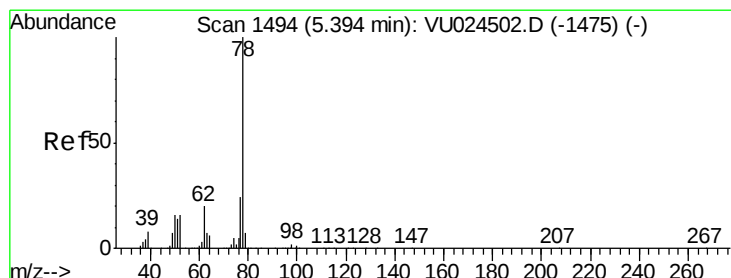
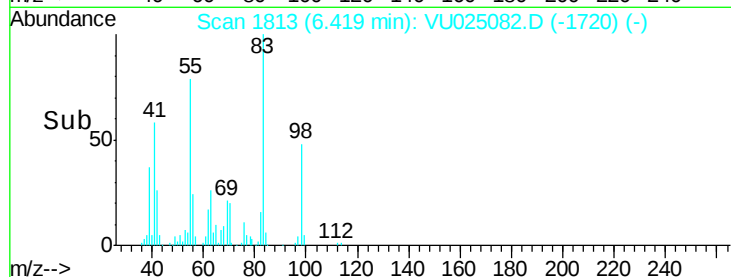
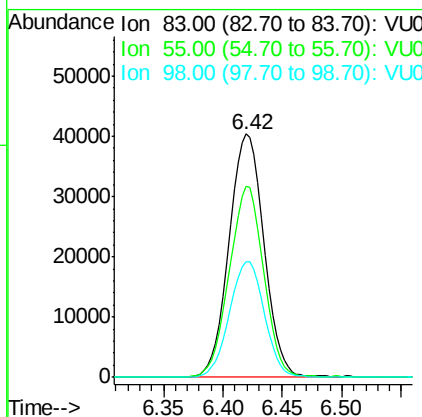
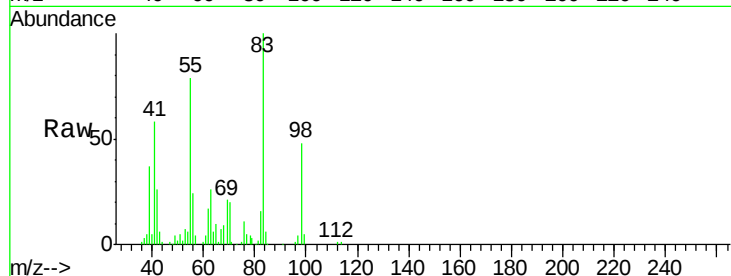
ClientSampleId :

VU0630WBS01

Tot Ion:	83	Resp:	82421
Ion	Ratio	Lower	Upper
83	100		
55	78.2	65.8	98.6
98	47.7	36.7	55.1

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#40

Benzene

Concen: 22.03 ug/l

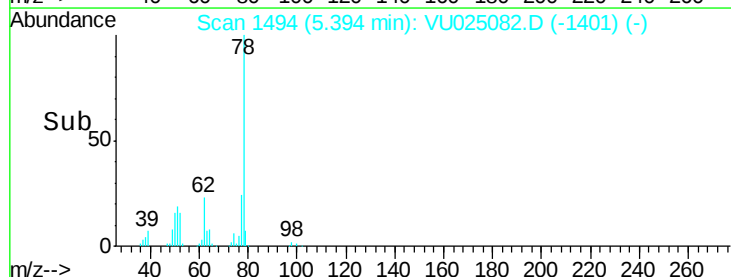
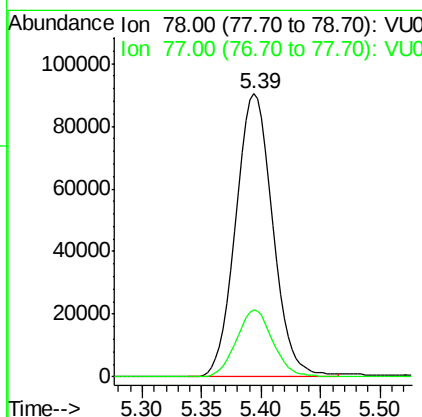
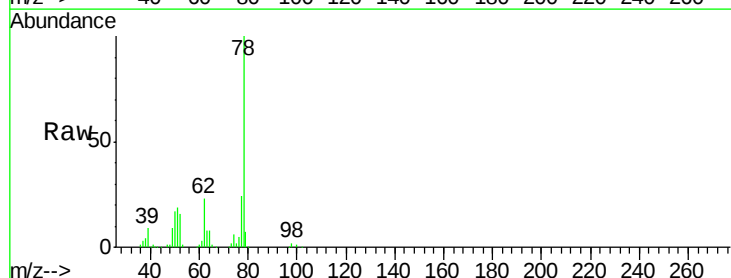
RT: 5.39 min Scan# 1494

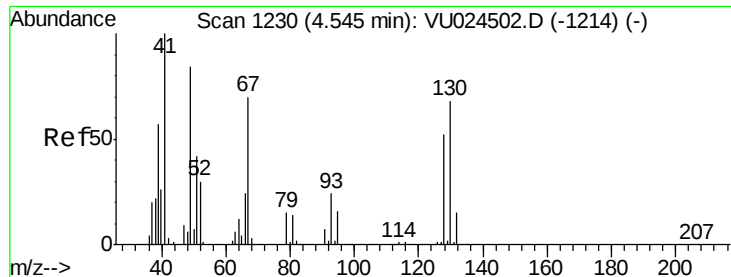
Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	78	Resp:	195362
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





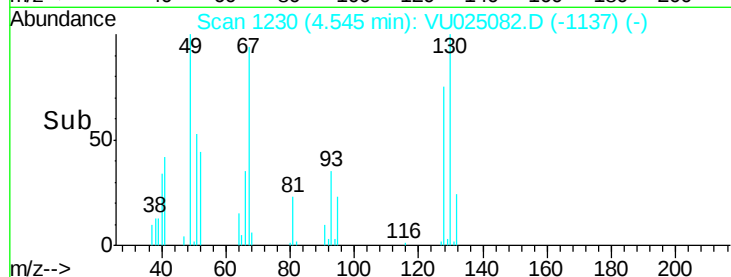
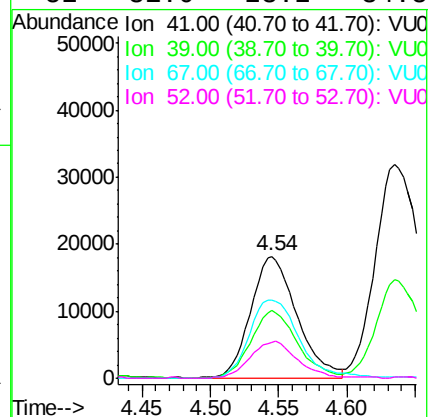
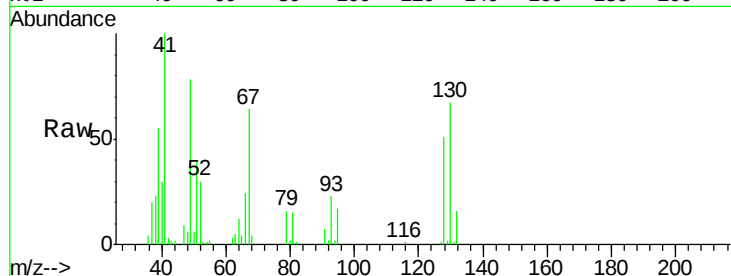
#41
Methacrylonitrile
Concen: 23.39 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	43.8	65.6	
67	69.6	56.3	84.5	
52	31.0	23.2	34.8	

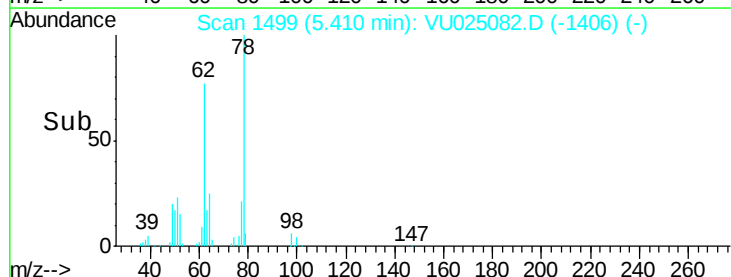
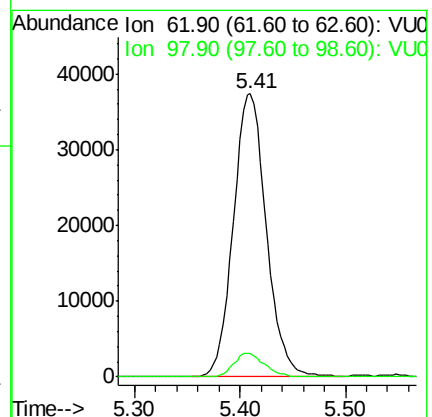
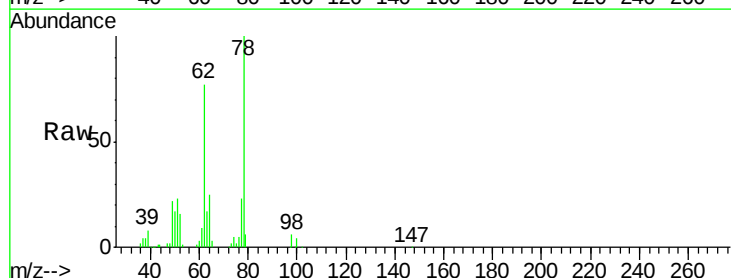
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#42
1,2-Dichloroethane
Concen: 23.97 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	16.6	





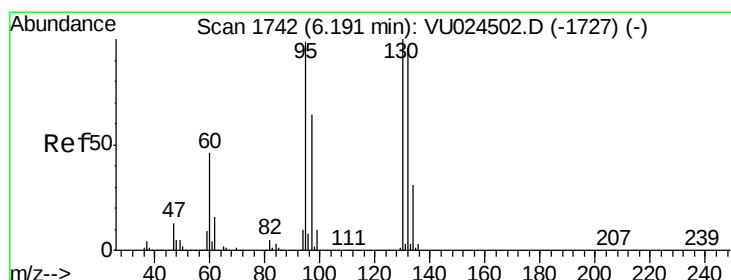
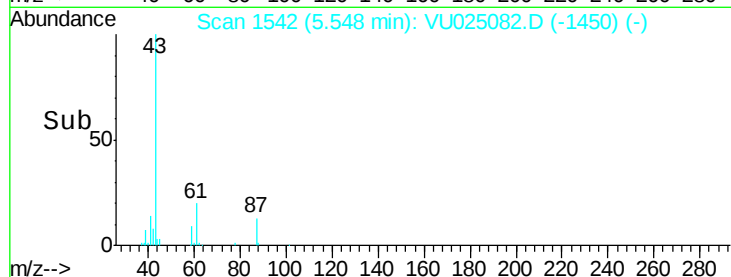
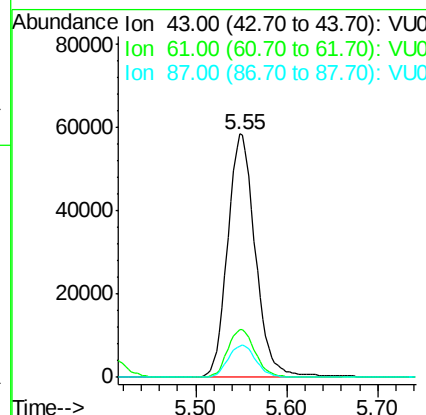
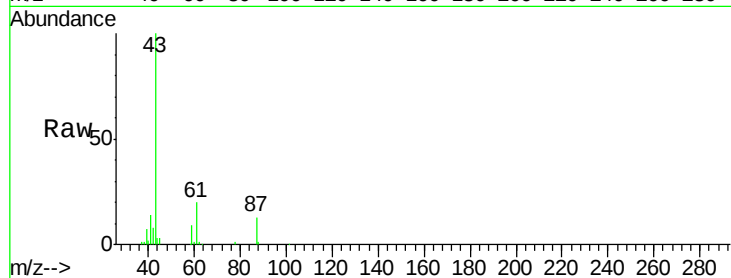
#43
Isopropyl Acetate
Concen: 21.10 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion:	43	Resp:	123739
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.2	10.0	15.0

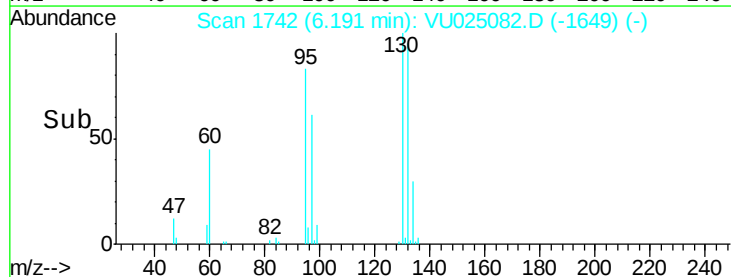
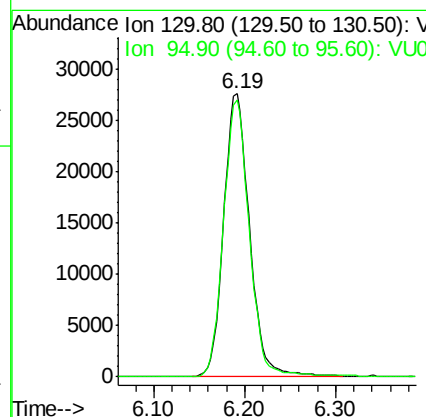
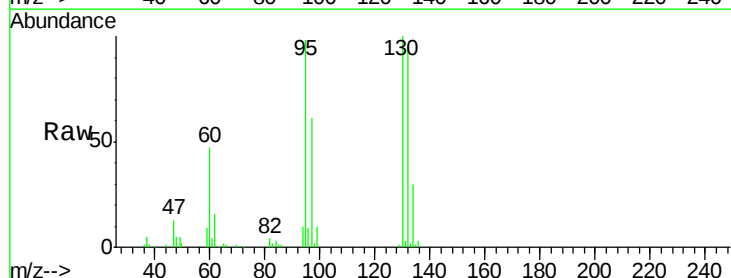
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#44
Trichloroethene
Concen: 21.70 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion:	130	Resp:	54784
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	202.4





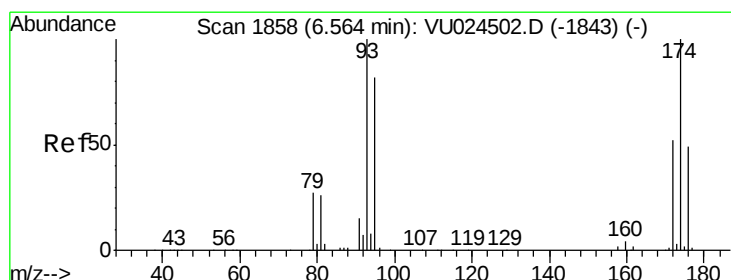
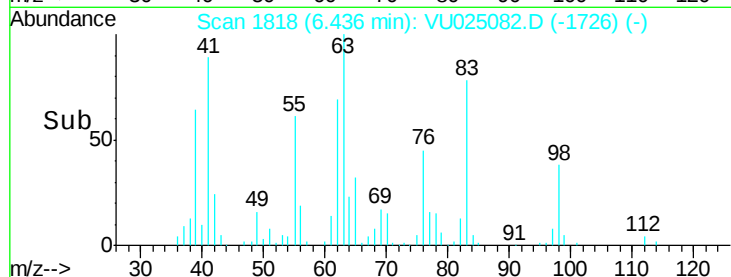
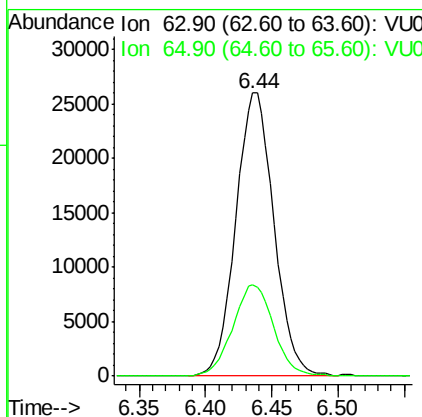
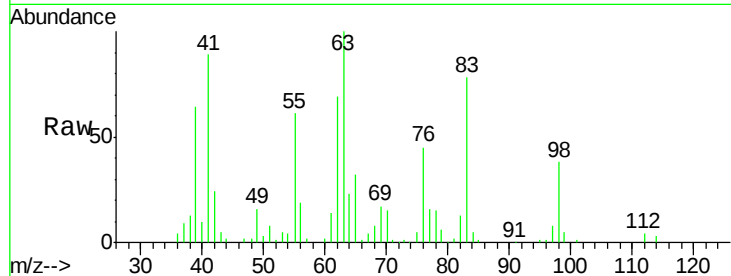
#45
 1,2-Dichloropropane
 Concen: 21.98 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion: 63 Resp: 52015
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2

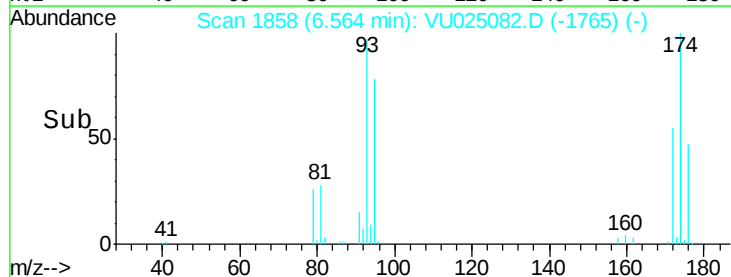
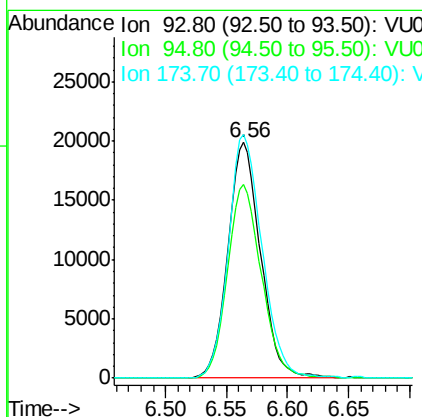
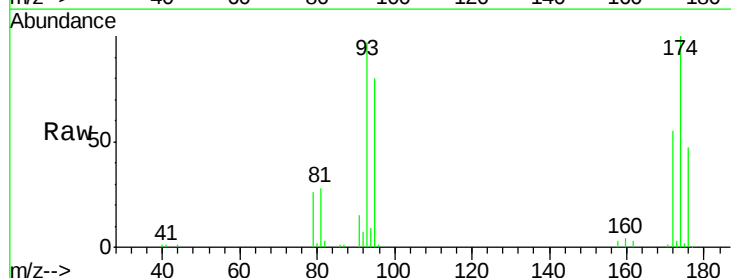
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#46
 Dibromomethane
 Concen: 22.39 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion: 93 Resp: 37221
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.5 98.3
 174 106.5 78.7 118.1





#47

Bromodichloromethane

Concen: 21.86 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

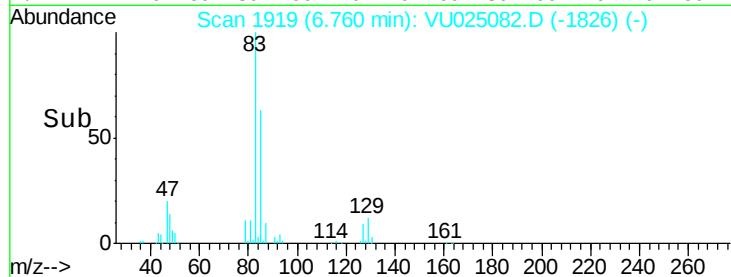
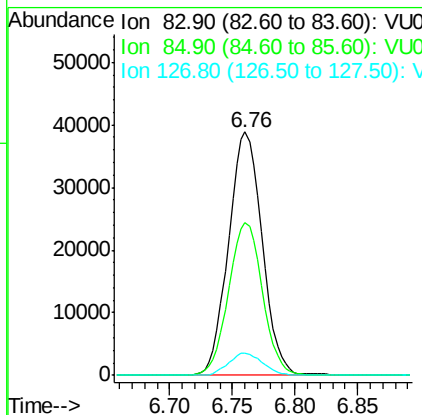
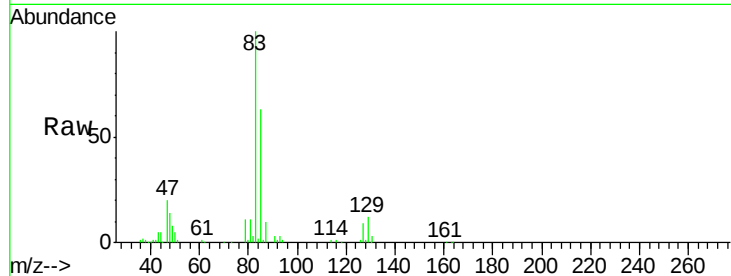
ClientSampled :

VU0630WBS01

Tot Ion:	83	Resp:	72370
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.9	77.9
127	9.2	6.6	9.8

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#48

Methyl methacrylate

Concen: 22.59 ug/l

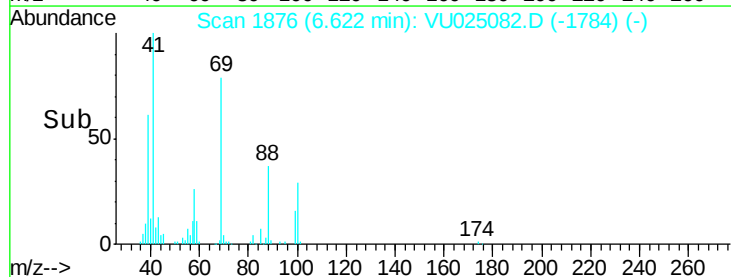
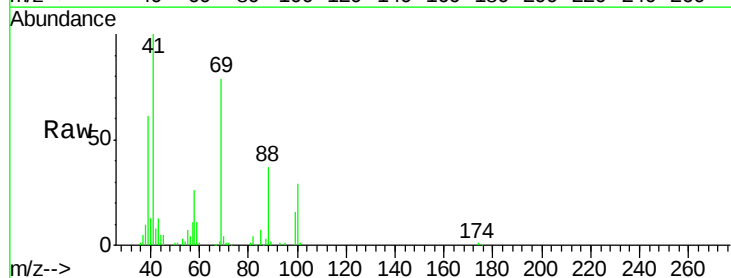
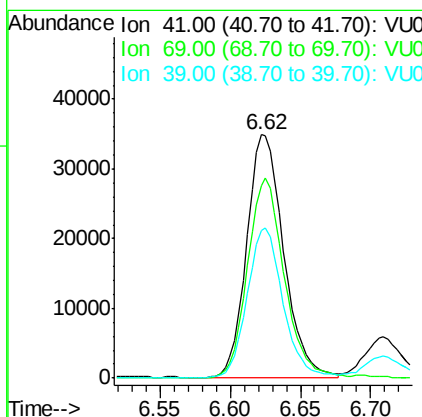
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	41	Resp:	64508
Ion	Ratio	Lower	Upper
41	100		
69	81.2	67.3	100.9
39	59.7	46.5	69.7





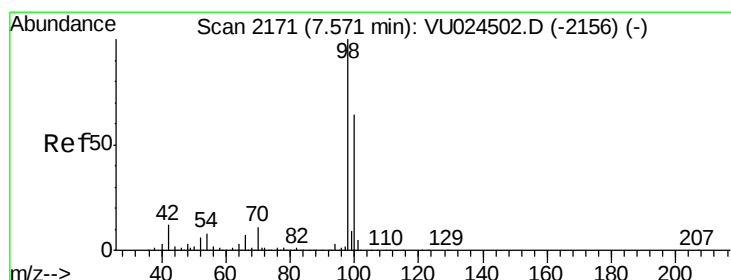
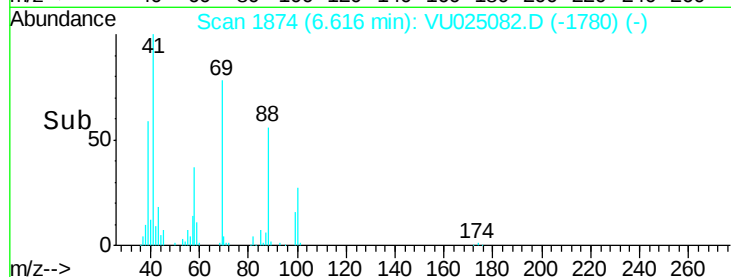
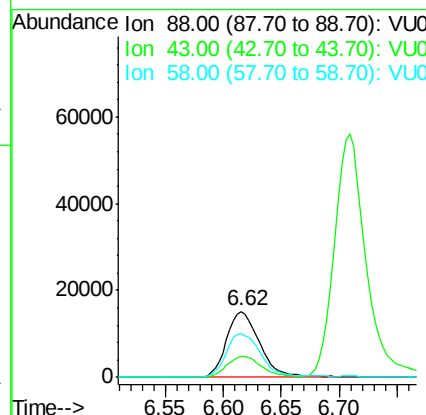
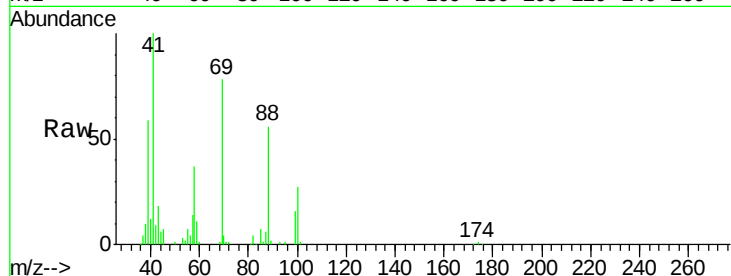
#49
1,4-Dioxane
Concen: 541.96 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	28.6	42.8
58	69.8	58.2	87.4

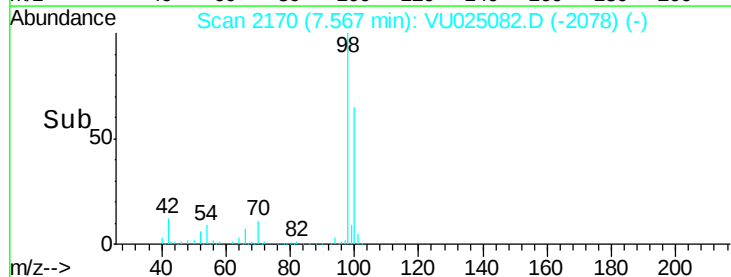
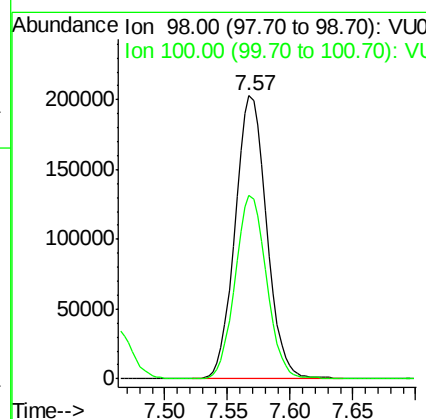
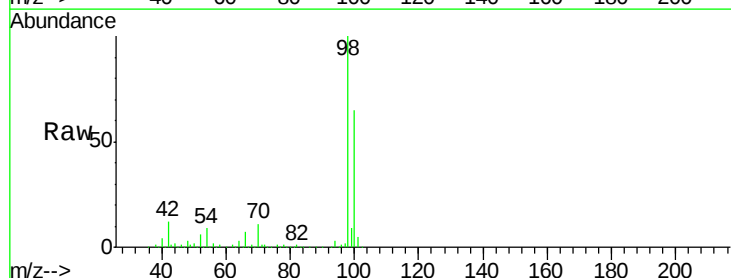
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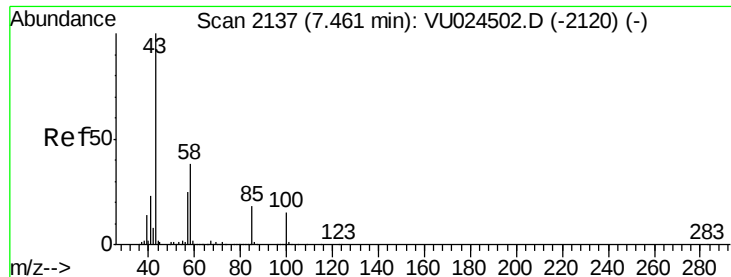
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#50
Toluene-d8
Concen: 44.31 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





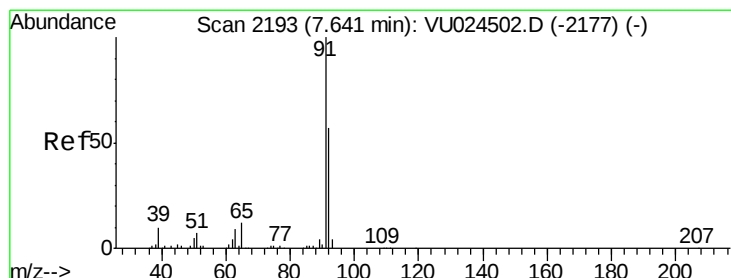
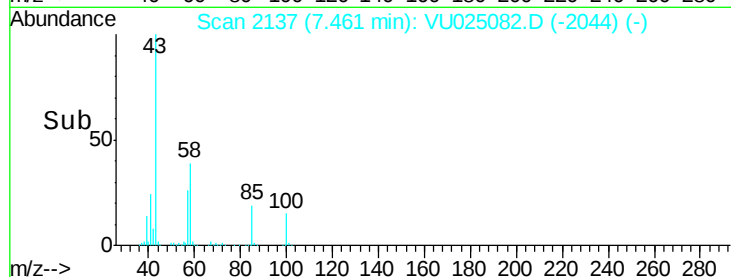
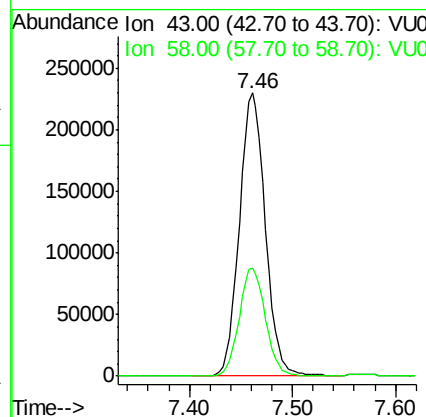
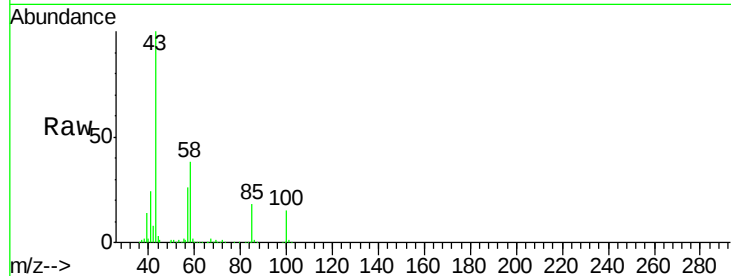
#51
 4-Methyl-2-Pentanone
 Concen: 109.30 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.0	45.0

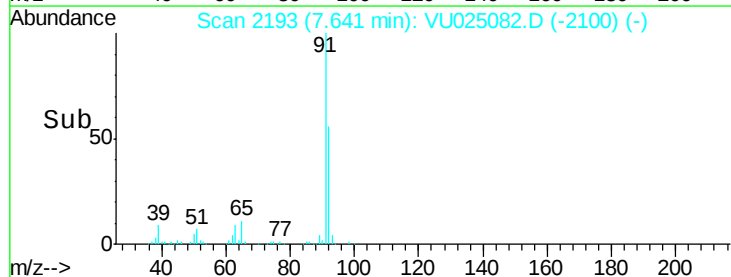
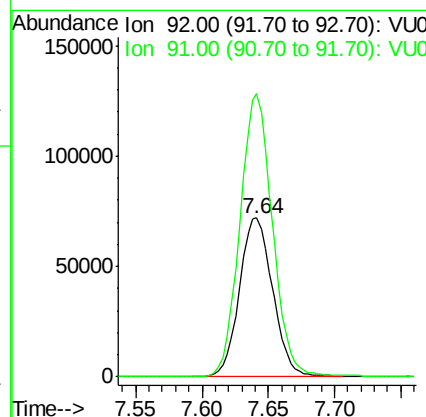
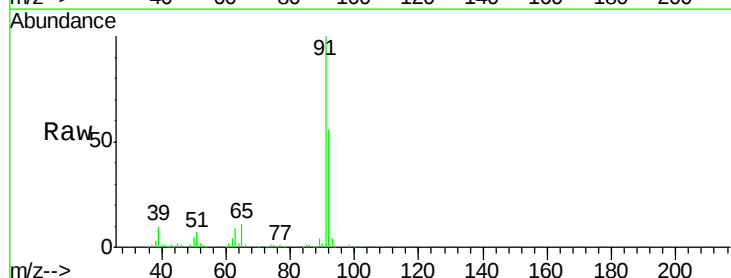
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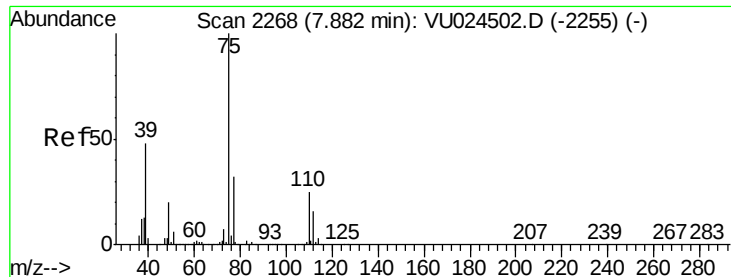
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#52
 Toluene
 Concen: 22.03 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.9	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 20.35 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tot Ion: 75 Resp: 75648

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

Instrument :

MSVOA_U

ClientSampled :

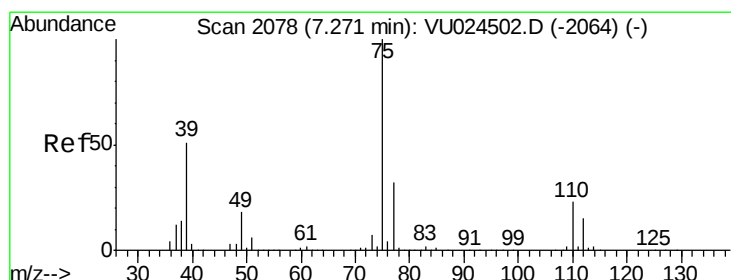
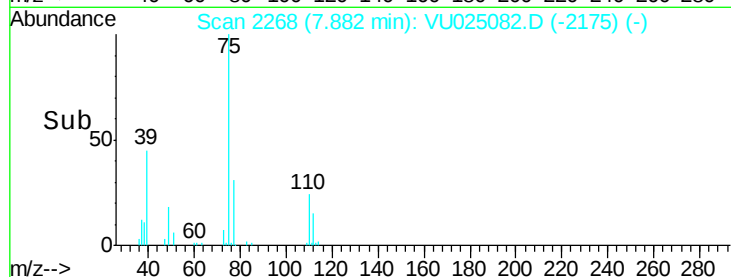
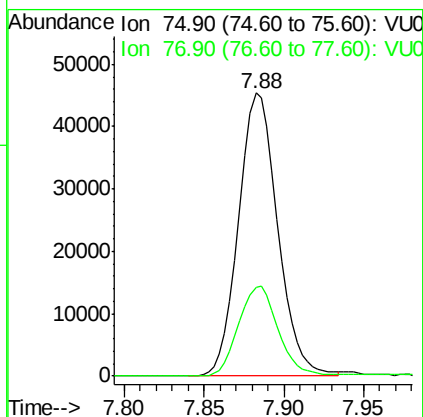
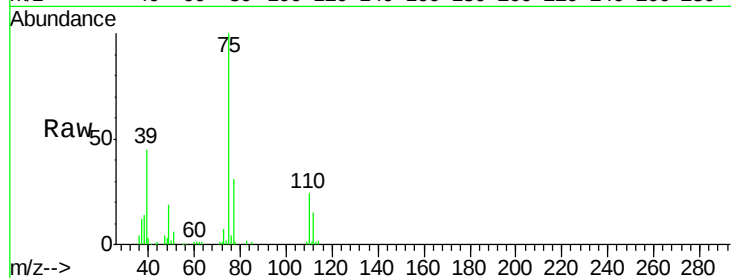
VU0630WBS01

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#54

cis-1,3-Dichloropropene

Concen: 20.75 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

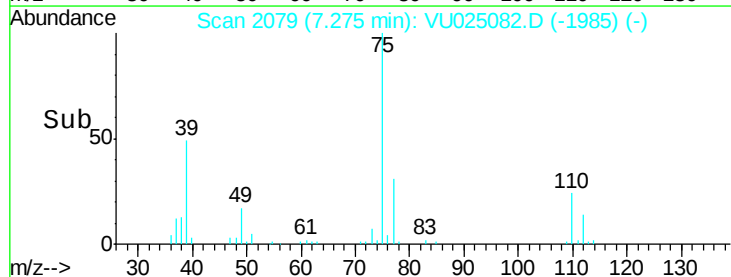
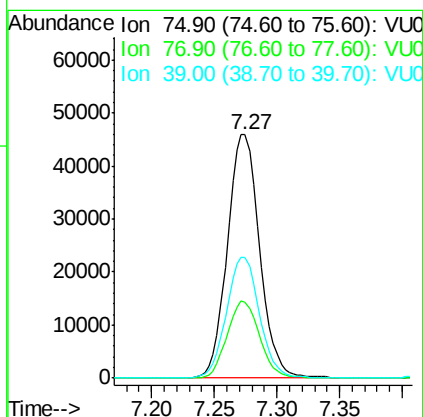
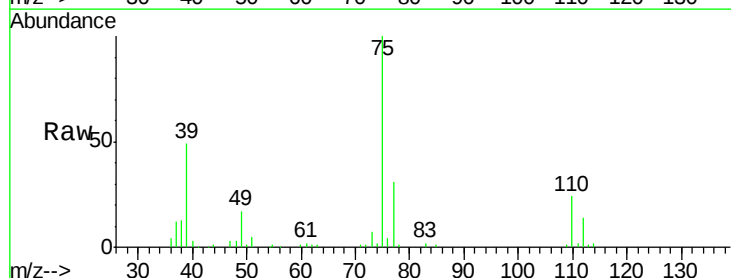
Tgt Ion: 75 Resp: 82190

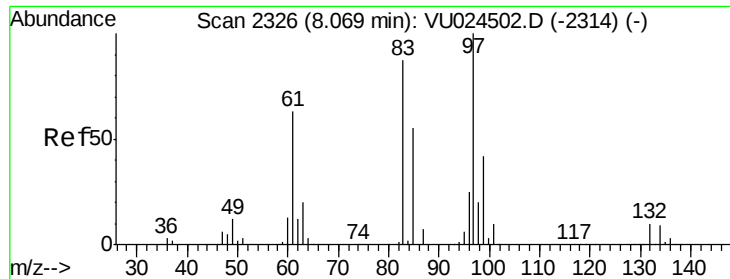
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 49.4 39.8 59.6





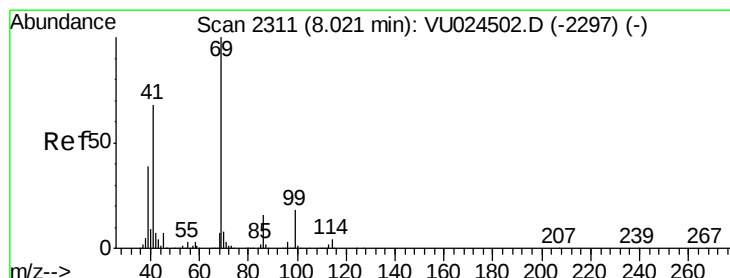
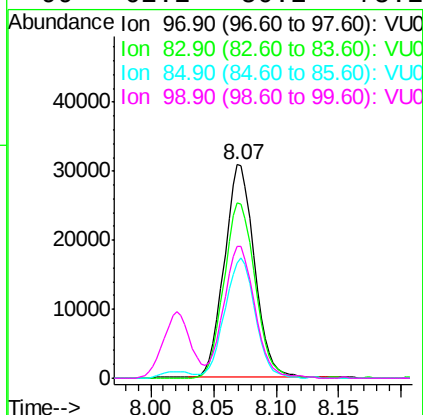
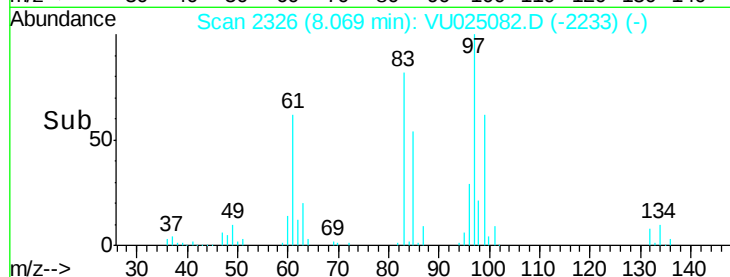
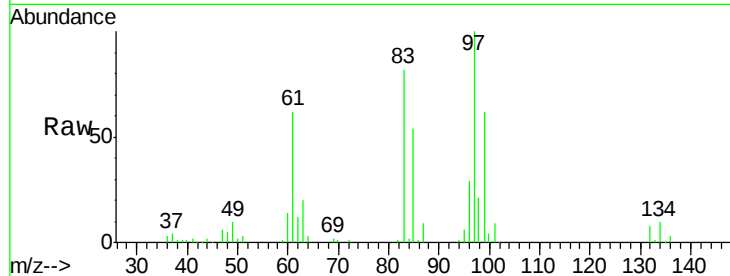
#55
 1,1,2-Trichloroethane
 Concen: 22.16 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion:	97	Resp:	51397
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.5	105.7
85	53.9	46.4	69.6
99	62.2	50.2	75.2

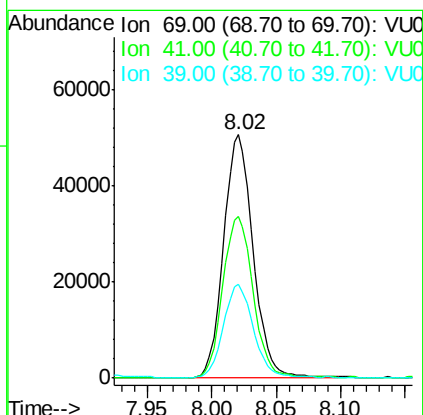
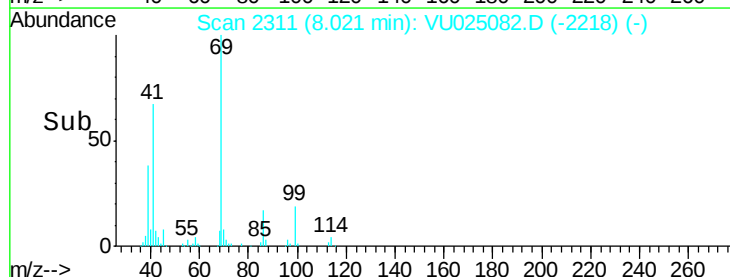
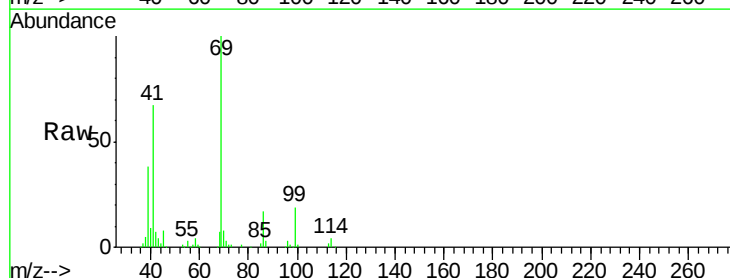
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#56
 Ethyl methacrylate
 Concen: 20.80 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion:	69	Resp:	80765
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.1	81.1
39	38.5	30.3	45.5





#57

1,3-Dichloropropane

Concen: 22.85 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tot Ion: 76 Resp: 89417

Ion Ratio Lower Upper

76 100

78 32.1 25.2 37.8

Instrument :

MSVOA_U

ClientSampleId :

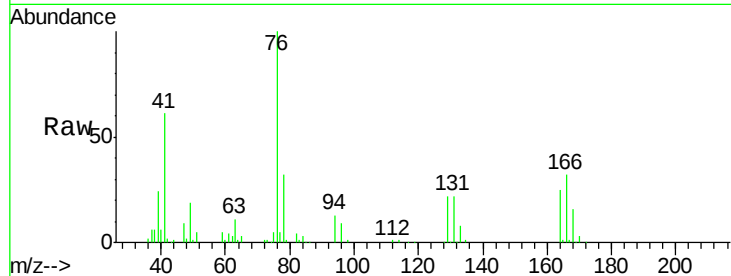
VU0630WBS01

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.25

60000

50000

40000

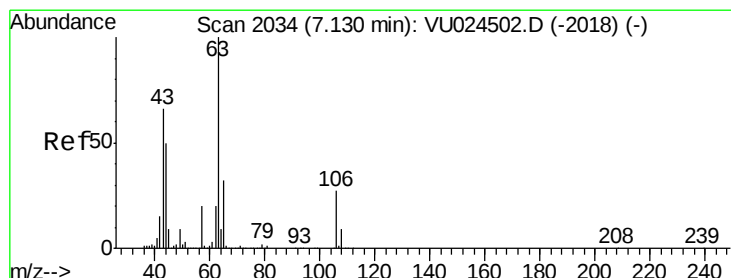
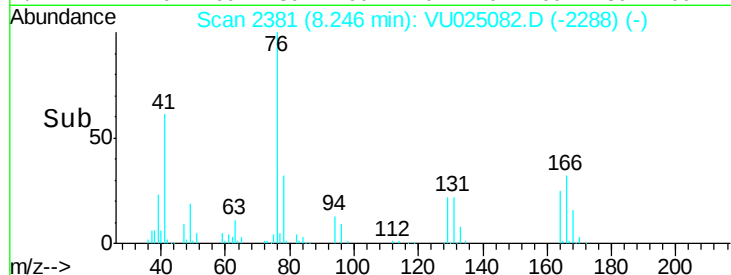
30000

20000

10000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#58

2-Chloroethyl Vinyl ether

Concen: 88.24 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025082.D

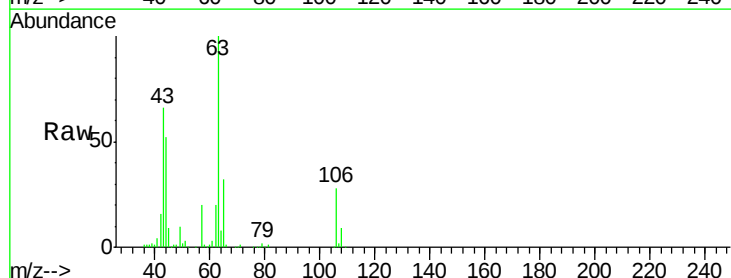
Acq: 30 Jun 2018 12:44

Tgt Ion: 63 Resp: 131245

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

7.13

80000

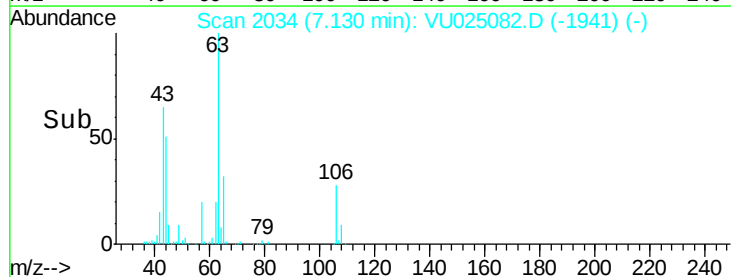
60000

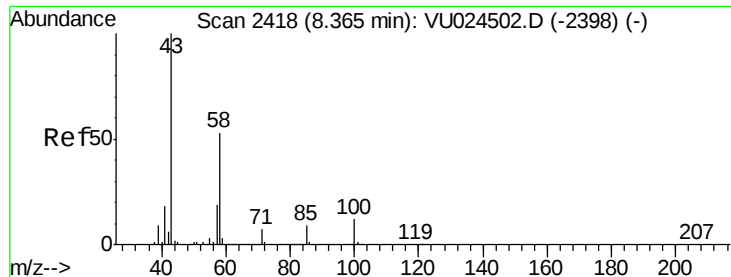
40000

20000

0

Time--> 7.10 7.20





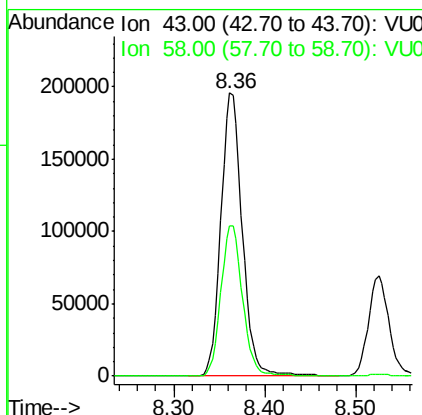
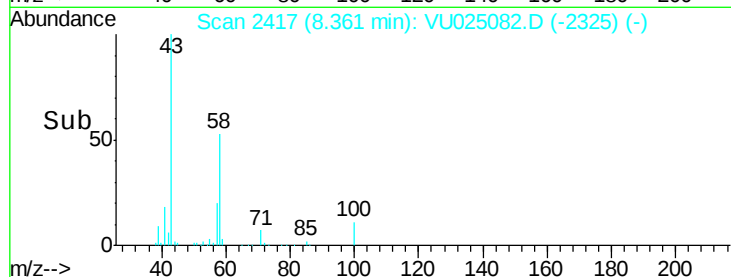
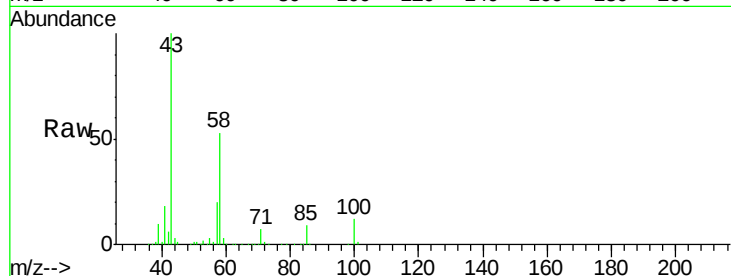
#59
2-Hexanone
Concen: 106.56 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	26.4	79.0

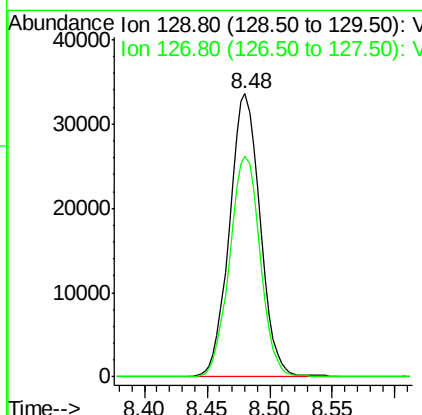
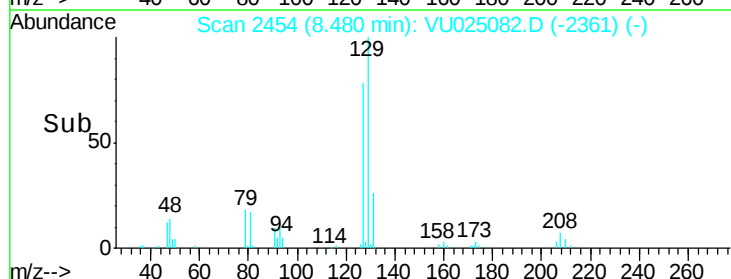
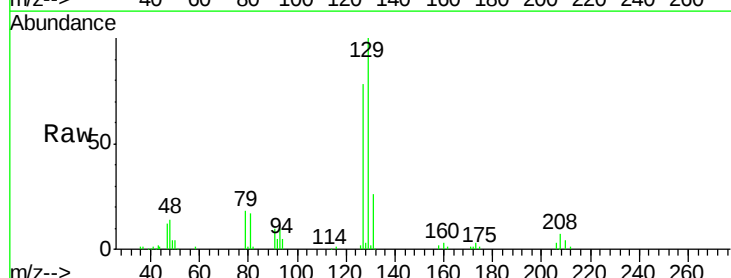
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#60
Dibromochloromethane
Concen: 19.73 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	116.0





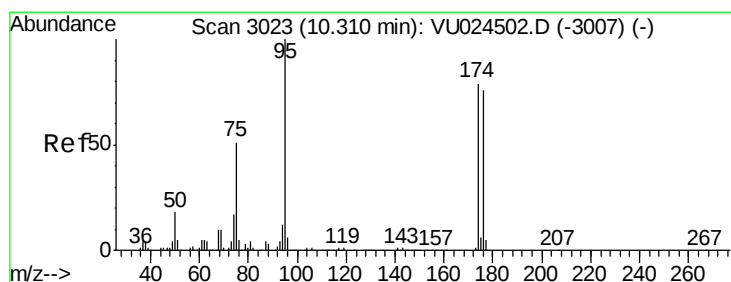
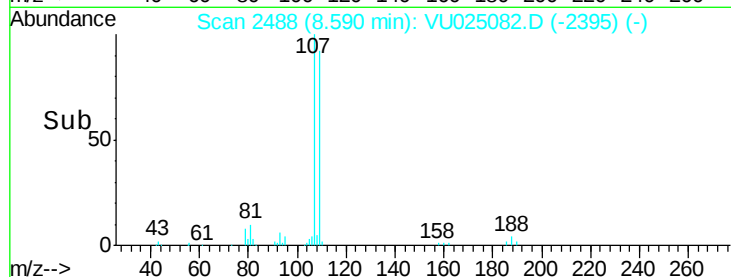
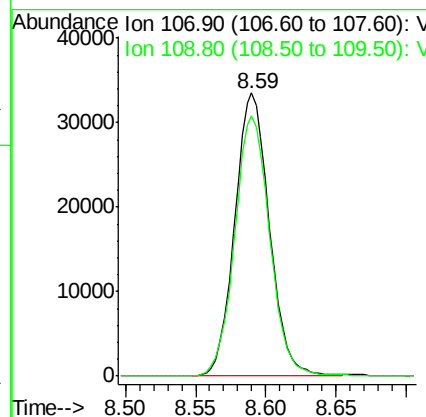
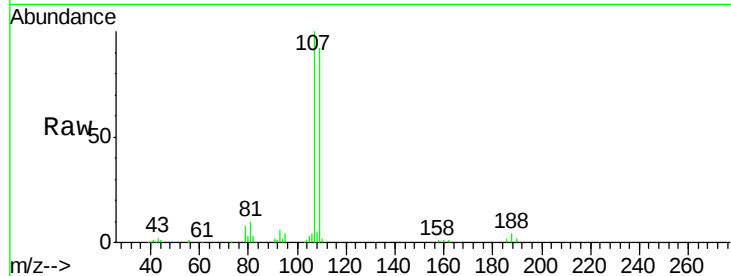
#61
 1,2-Dibromoethane
 Concen: 22.31 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.5	111.7

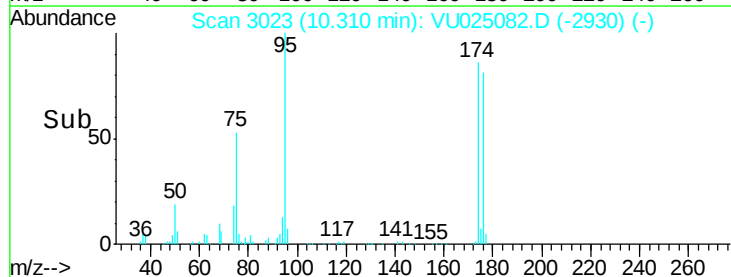
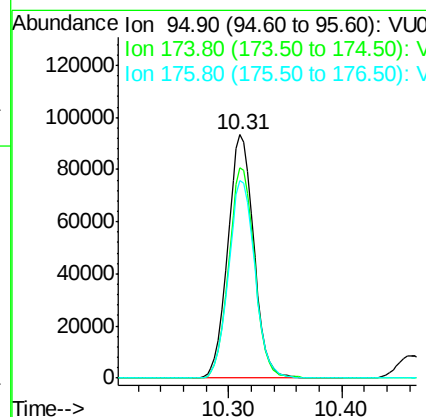
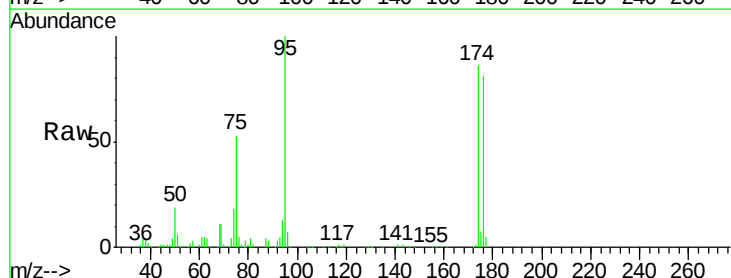
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#62
 4-Bromofluorobenzene
 Concen: 46.84 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	165.8
176	82.1	0.0	159.4





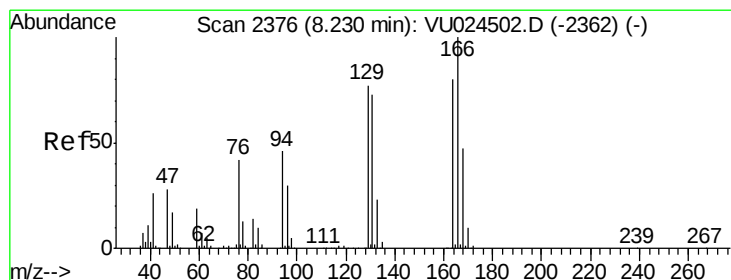
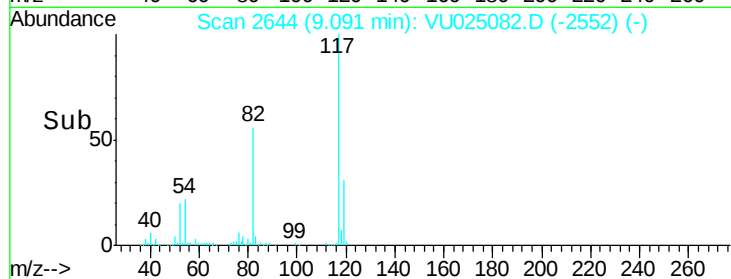
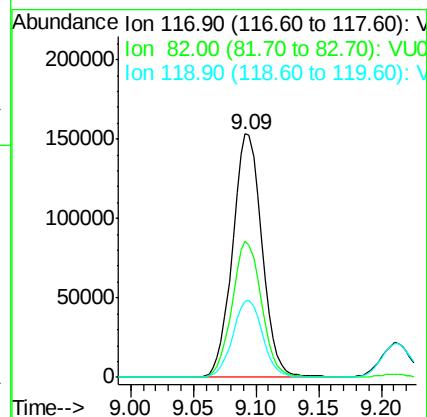
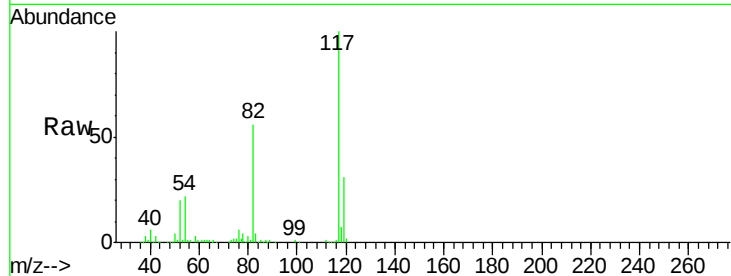
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	249947		
82	55.8	44.3	66.5	
119	31.3	25.4	38.2	

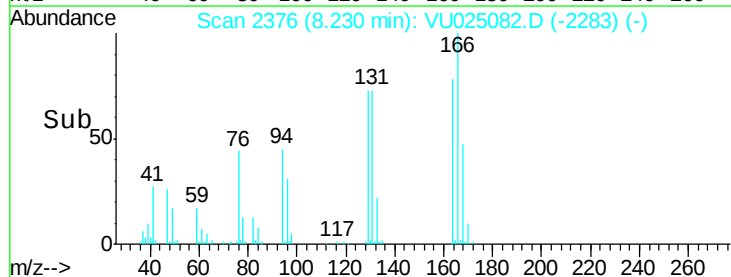
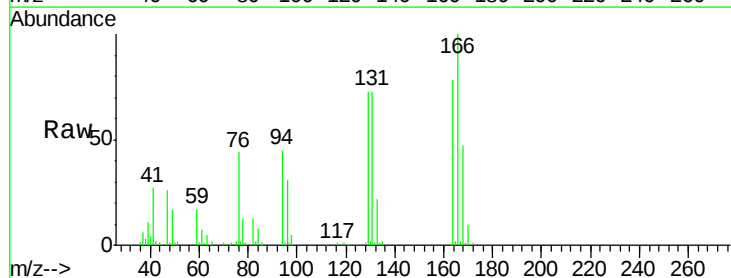
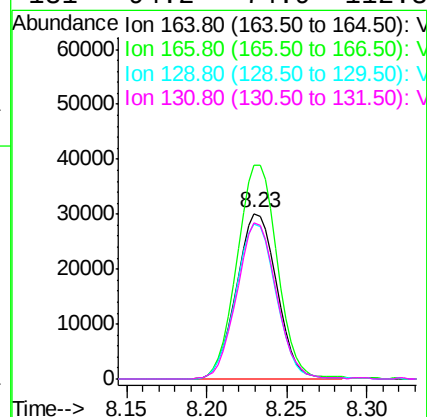
Manual Integrations
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#64
Tetrachloroethene
Concen: 21.82 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51832		
166	129.0	101.7	152.5	
129	93.8	76.9	115.3	
131	94.2	74.9	112.3	





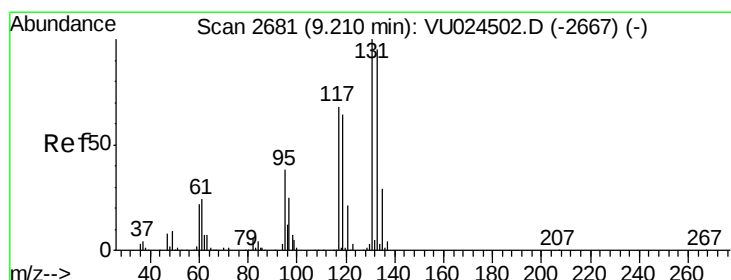
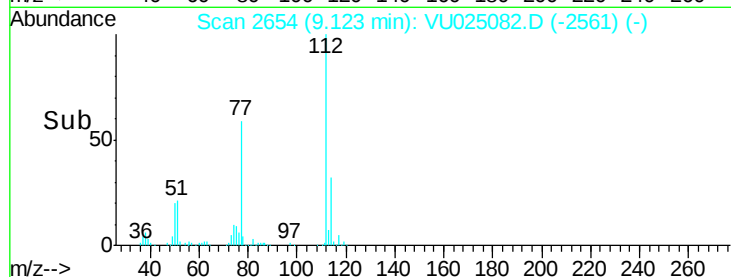
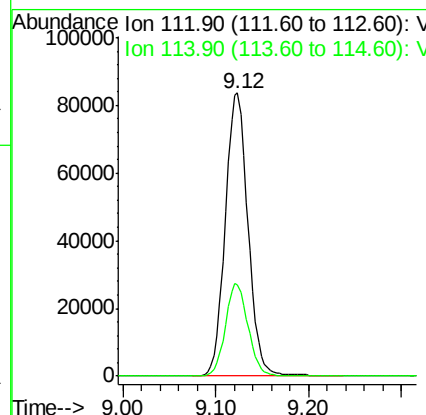
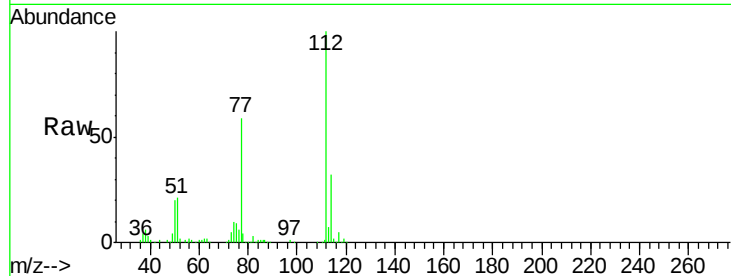
#65
Chlorobenzene
Concen: 22.26 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

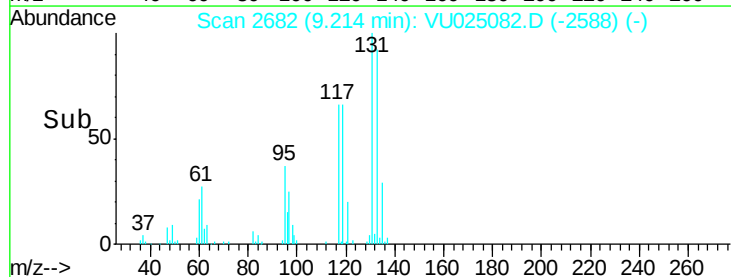
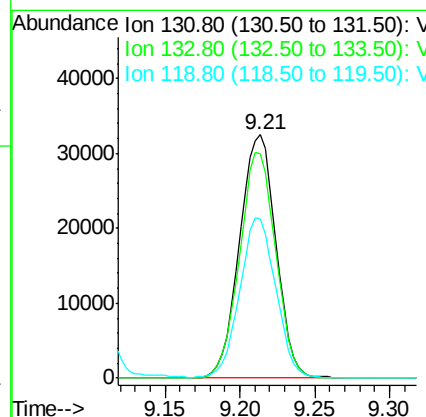
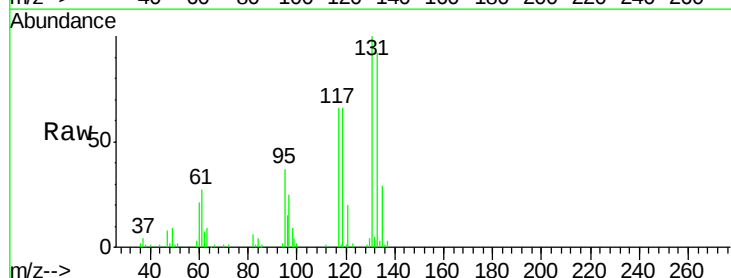
Manual Integrations
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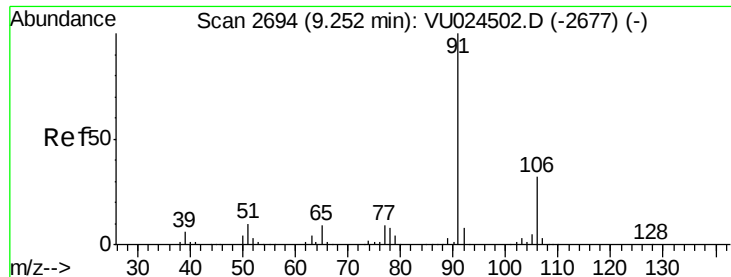
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.75 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.1	46.9	140.8
119	65.2	33.5	100.4





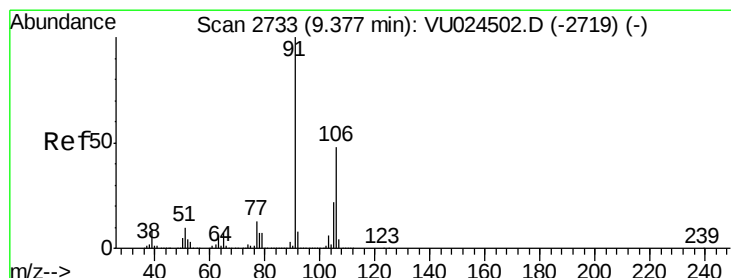
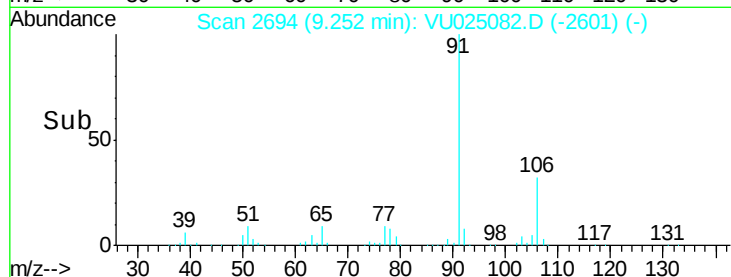
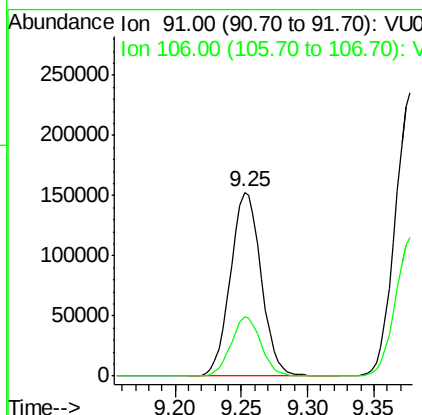
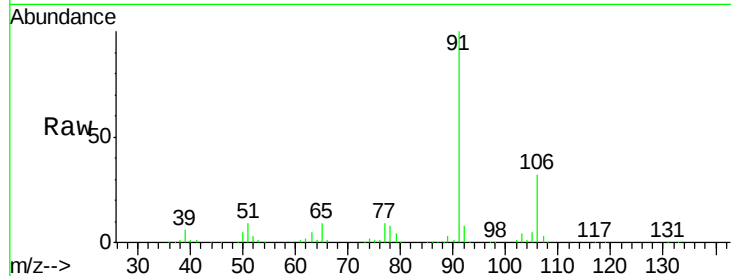
#67
Ethyl Benzene
Concen: 22.00 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion: 91 Resp: 246211
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4

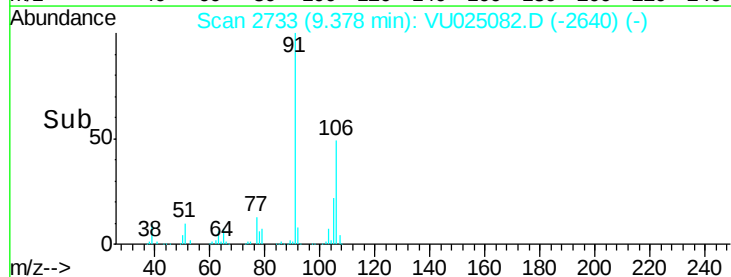
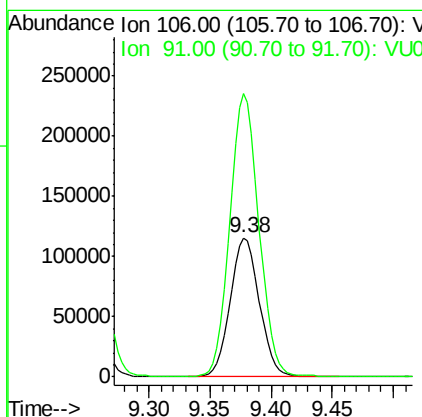
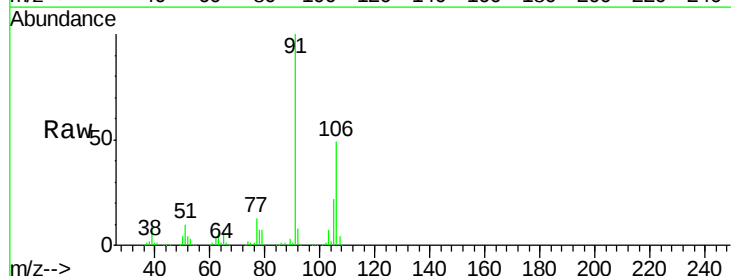
Manual Integrations
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#68
m/p-Xylenes
Concen: 44.90 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion: 106 Resp: 192986
Ion Ratio Lower Upper
106 100
91 202.8 166.5 249.7





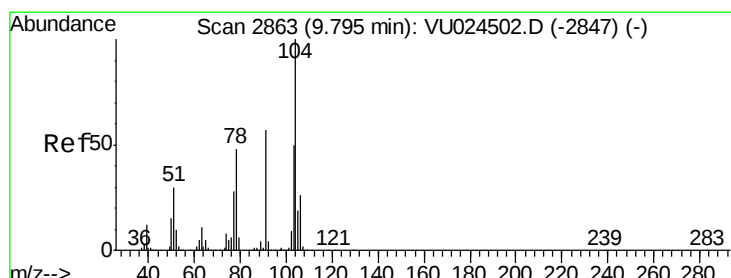
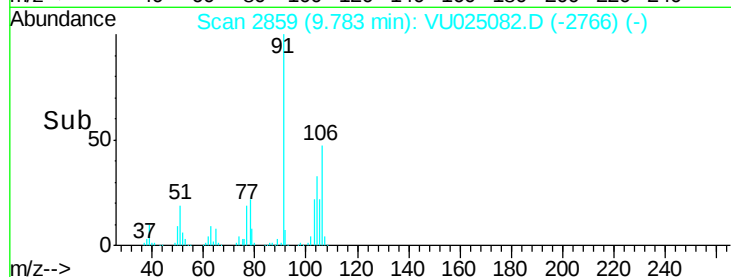
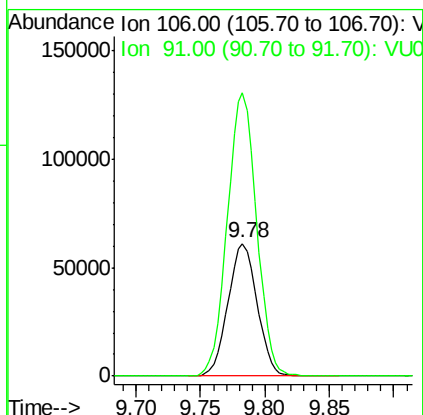
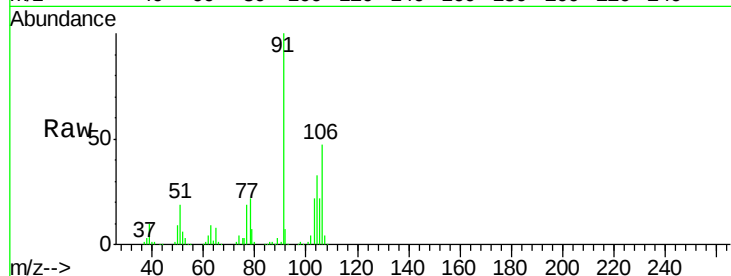
#69
o-Xylene
Concen: 22.59 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampled :
VU0630WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.0	110.7	331.9	

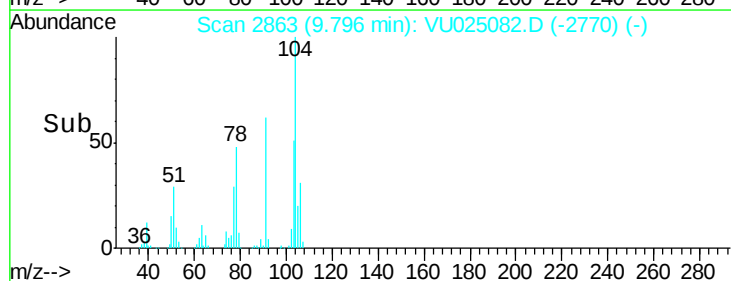
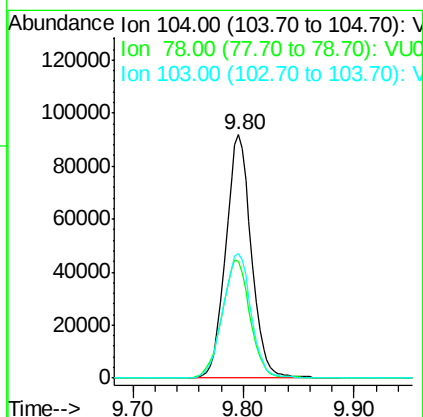
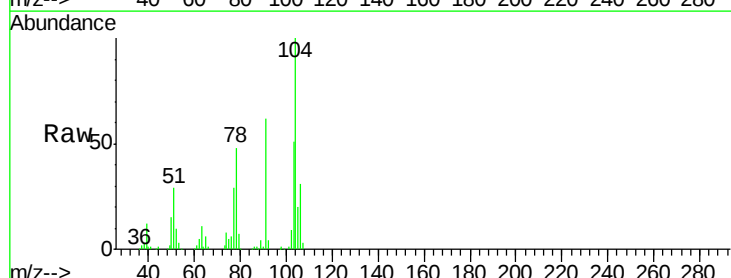
Manual Integrations
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#70
Styrene
Concen: 21.14 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.2	40.6	60.8	
103	56.1	44.7	67.1	





#71

Bromoform

Concen: 19.27 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion:173 Resp: 44438

Ion Ratio Lower Upper

173 100

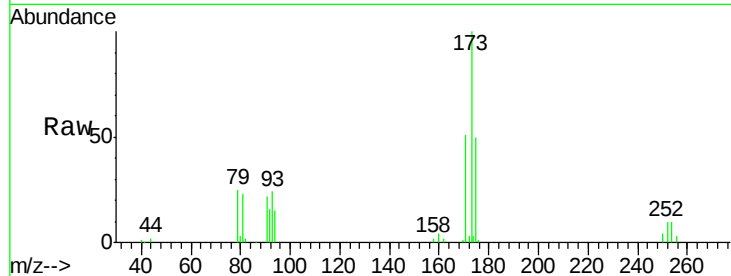
175 49.6 24.6 74.0

254 0.0 0.0 0.0

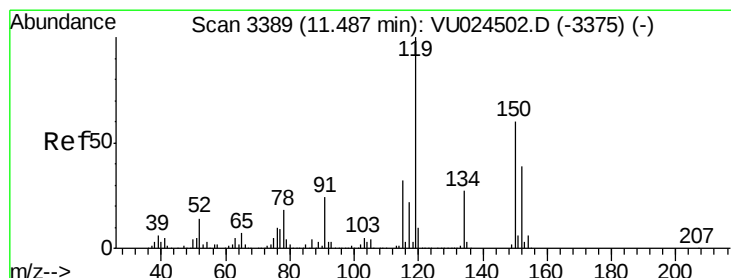
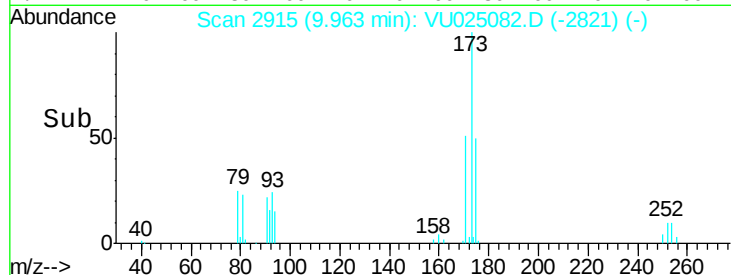
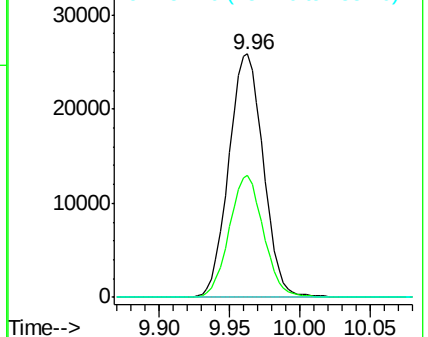
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

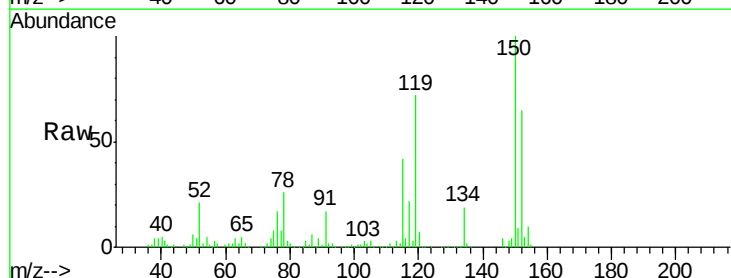
Tgt Ion:152 Resp: 145342

Ion Ratio Lower Upper

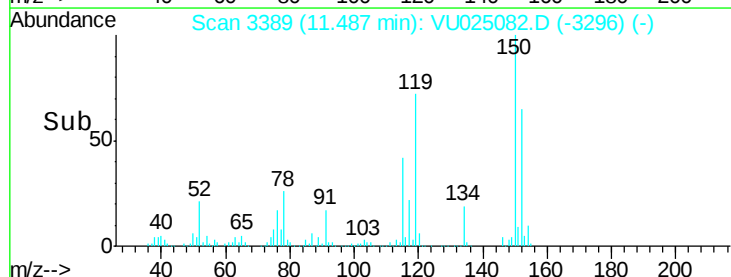
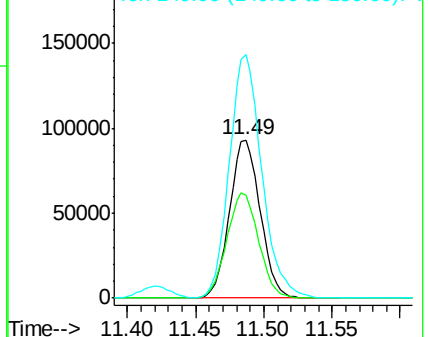
152 100

115 69.0 43.0 129.0

150 163.2 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.99 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion: 105 Resp: 256519

Ion Ratio Lower Upper

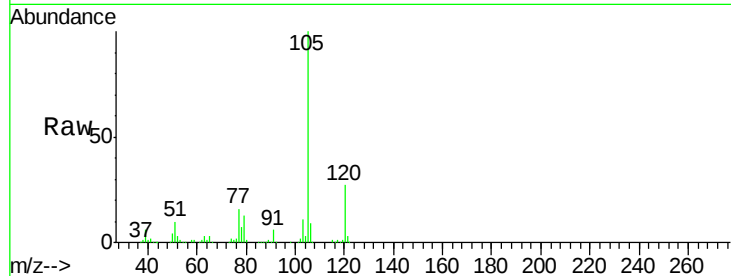
105 100

120 26.7 13.2 39.6

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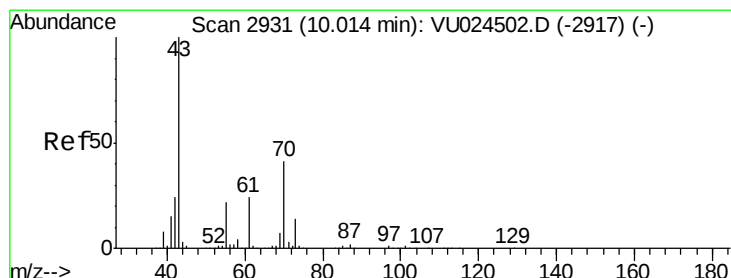
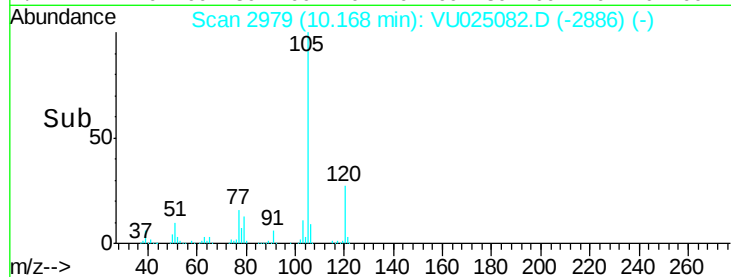
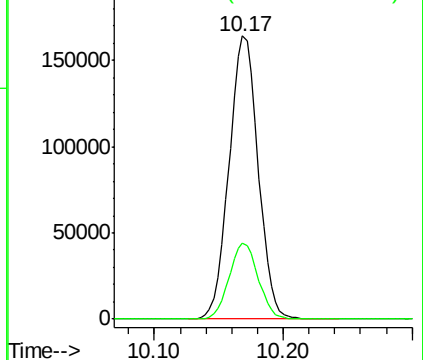
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.62 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion: 43 Resp: 104148

Ion Ratio Lower Upper

43 100

70 40.8 32.2 48.4

55 24.3 20.5 30.7

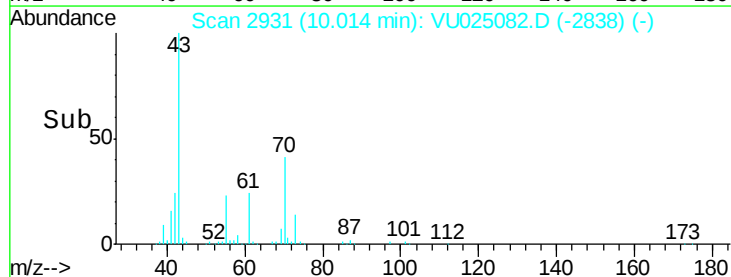
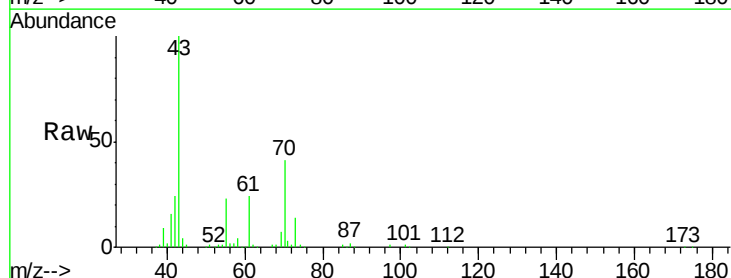
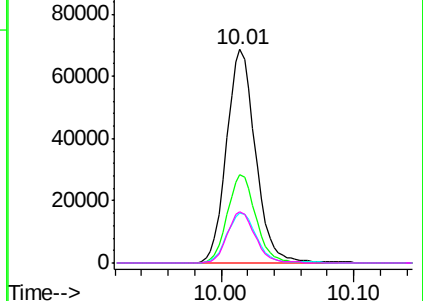
61 23.2 18.7 28.1

Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.68 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion: 83 Resp: 84822

Ion Ratio Lower Upper

83 100

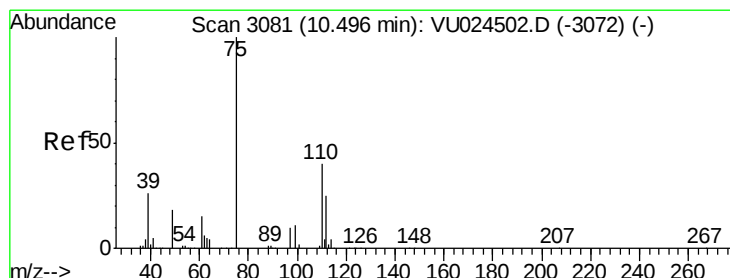
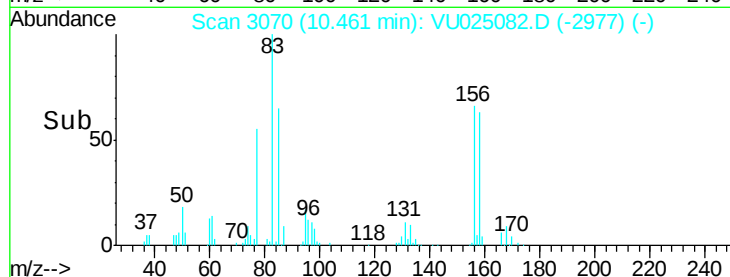
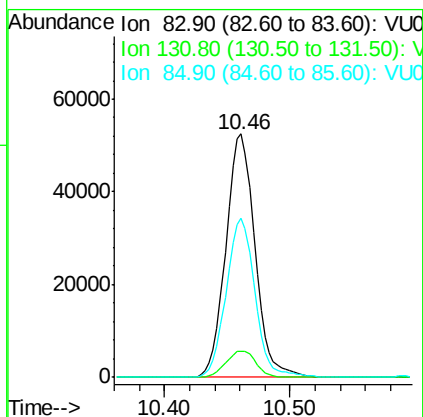
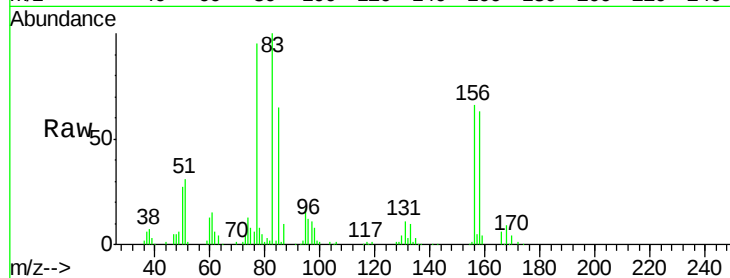
131 10.9 4.7 14.1

85 64.6 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 22.92 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025082.D

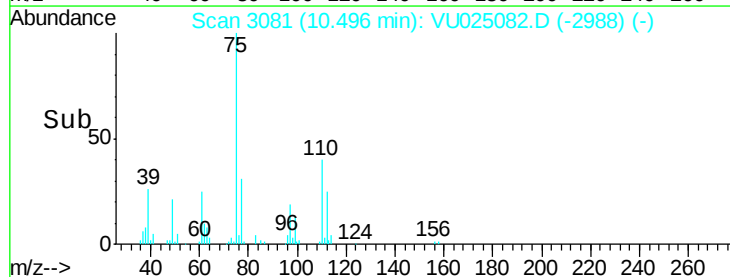
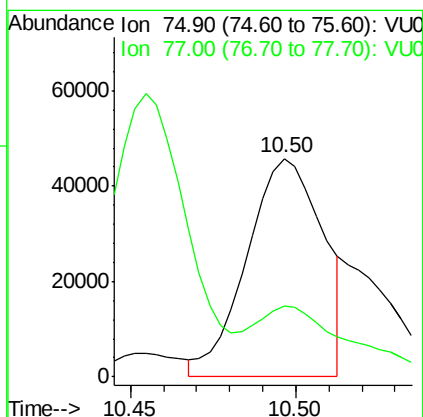
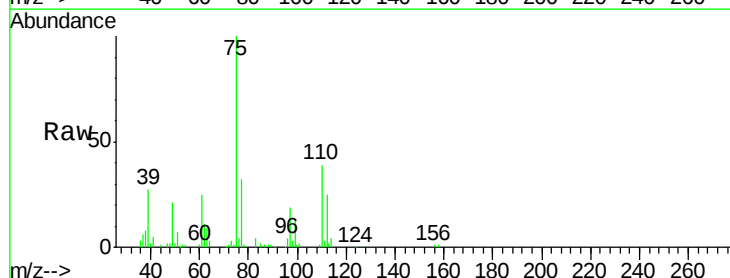
Acq: 30 Jun 2018 12:44

Tgt Ion: 75 Resp: 73327

Ion Ratio Lower Upper

75 100

77 40.5 20.9 62.7





#77

Bromobenzene

Concen: 22.93 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

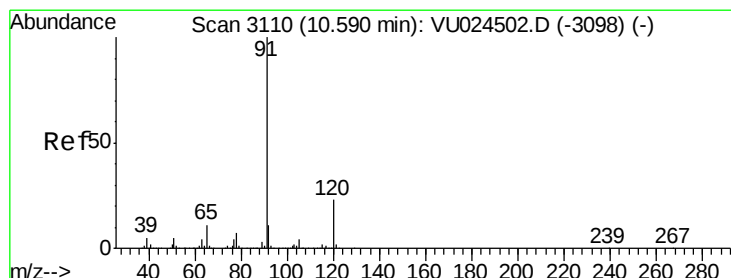
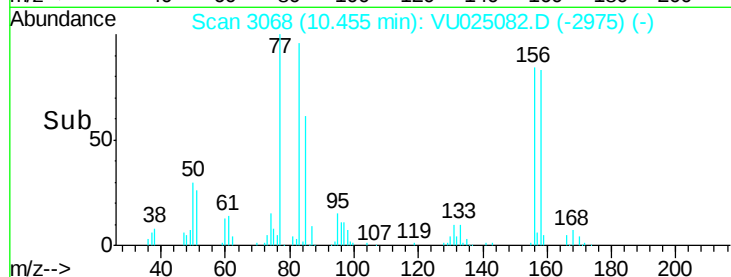
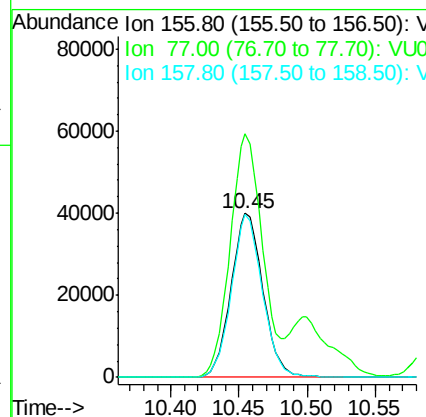
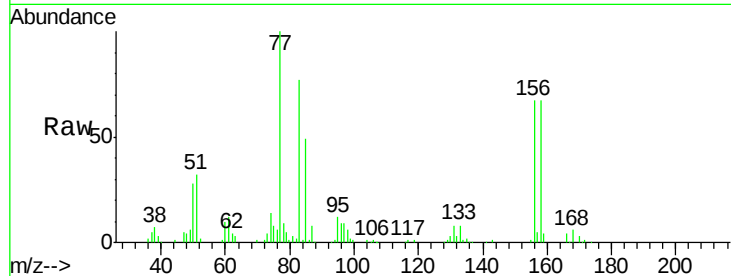
ClientSampleId :

VU0630WBS01

Tot Ion:	156	Resp:	64771
Ion	Ratio	Lower	Upper
156	100		
77	150.1	80.5	241.3
158	96.8	48.2	144.6

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#78

n-propylbenzene

Concen: 21.56 ug/l

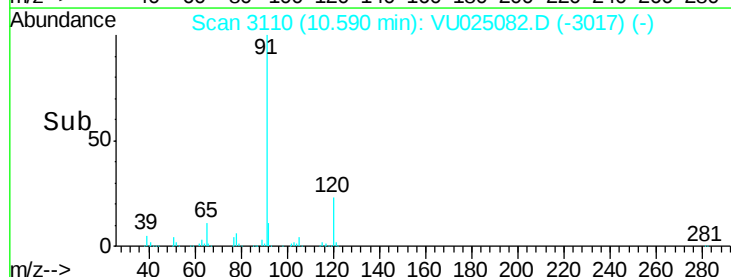
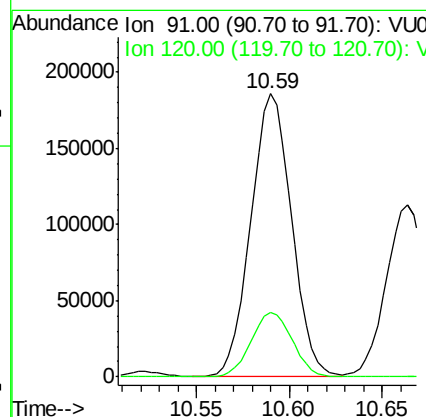
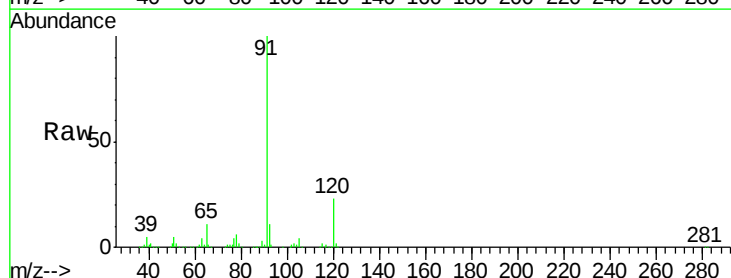
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	91	Resp:	283414
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 22.70 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion: 91 Resp: 175931

Ion Ratio Lower Upper

91 100

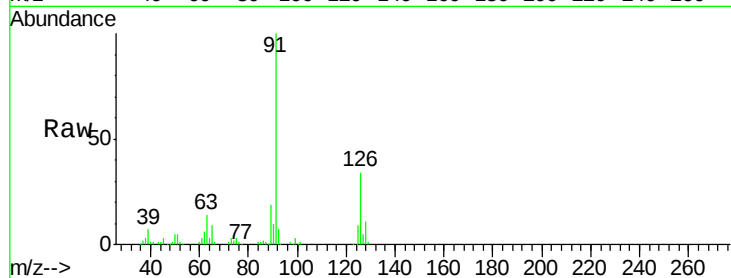
126 34.2 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

200000

150000

100000

50000

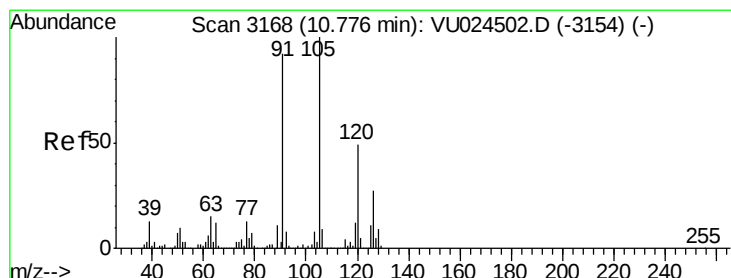
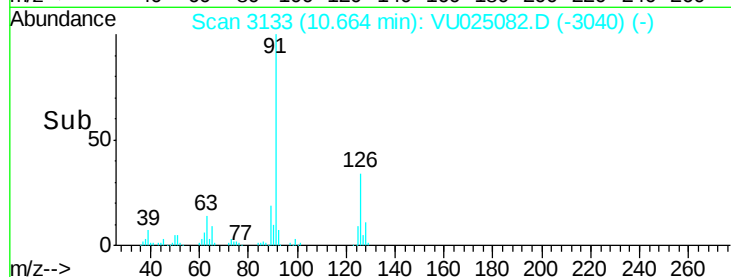
0

10.60

10.66

10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.32 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU025082.D

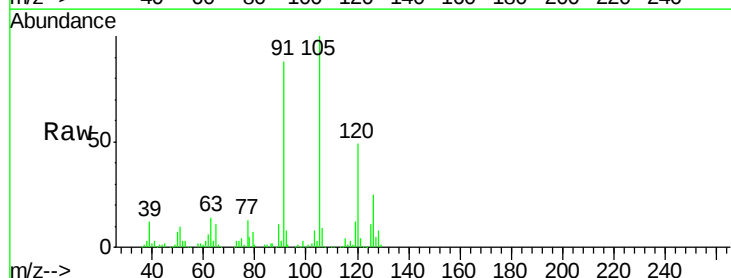
Acq: 30 Jun 2018 12:44

Tgt Ion:105 Resp: 215903

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

0

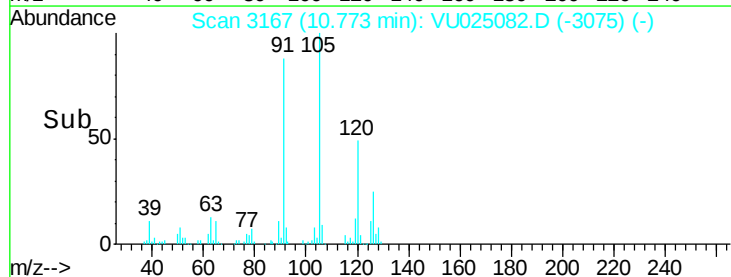
10.70

10.77

10.80

10.85

Time-->





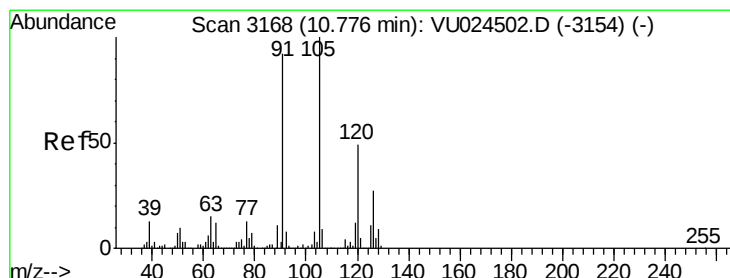
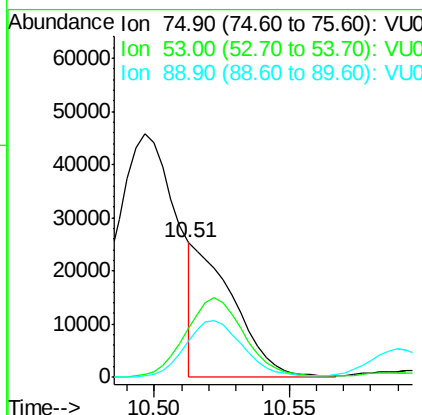
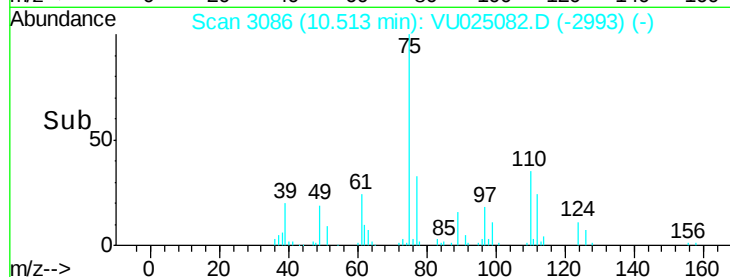
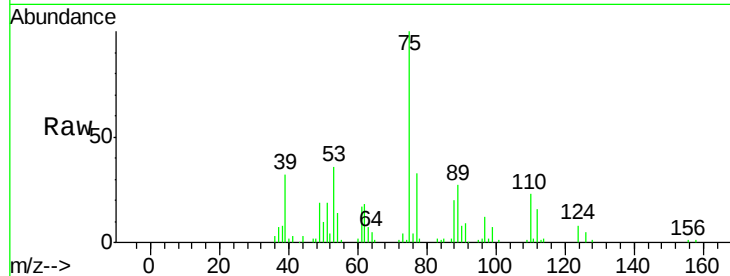
#81
trans-1,4-Dichloro-2-butene
Concen: 19.10 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

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

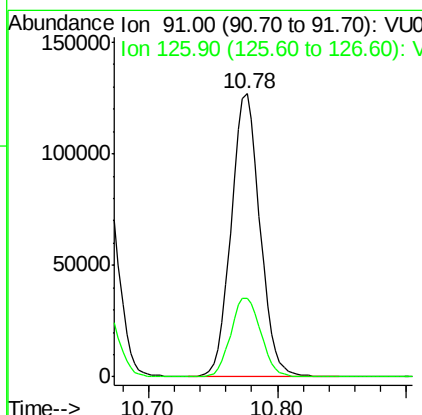
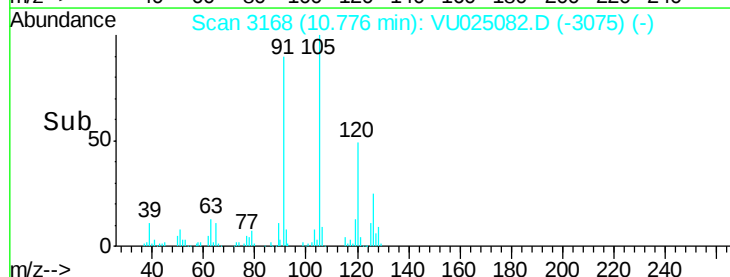
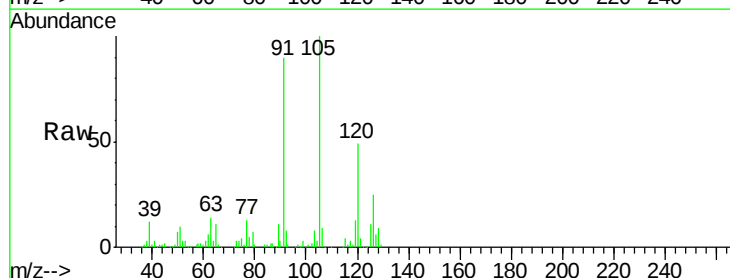
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#82
4-Chlorotoluene
Concen: 21.77 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.9	44.9





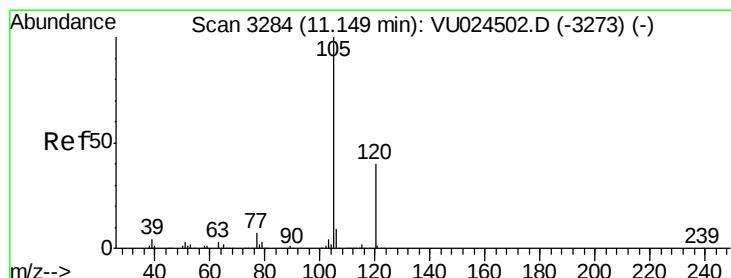
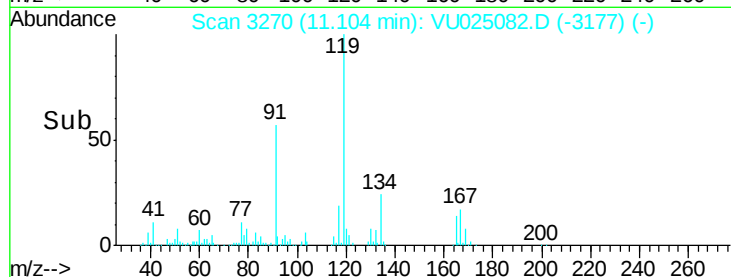
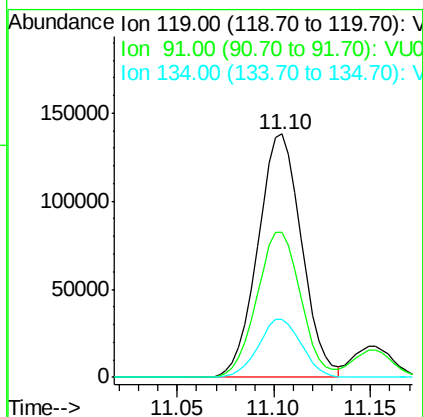
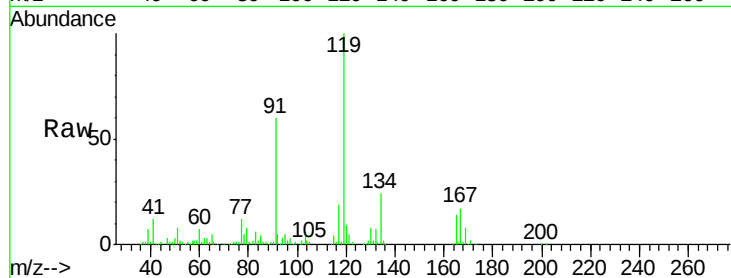
#83
tert-Butylbenzene
Concen: 23.37 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217447		
91	59.6	29.7	89.1	
134	23.5	11.6	34.7	

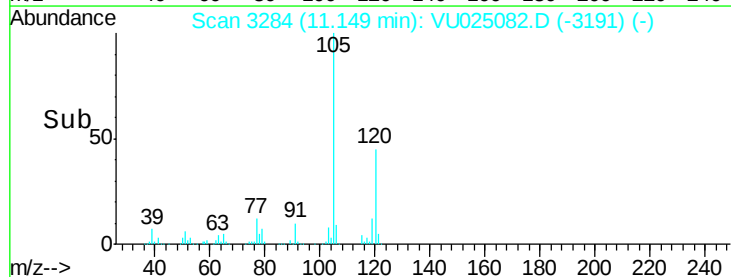
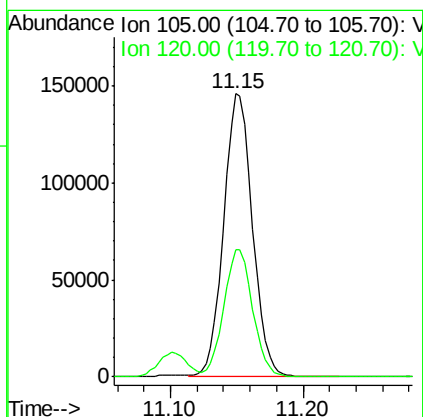
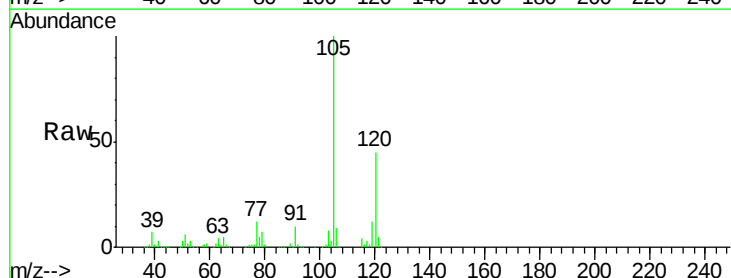
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#84
1,2,4-Trimethylbenzene
Concen: 22.28 ug/l
RT: 11.15 min Scan# 3284
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219560		
120	45.0	22.6	67.8	





#85

sec-Butylbenzene

Concen: 22.07 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS01

Tot Ion:105 Resp: 256969

Ion Ratio Lower Upper

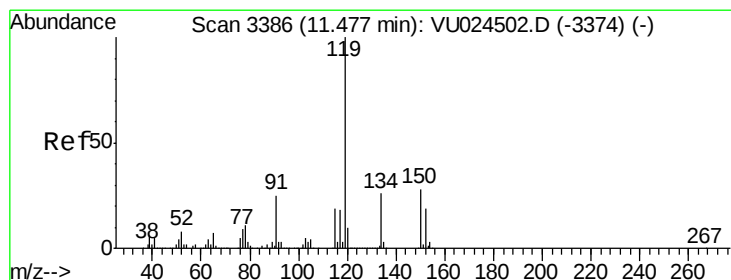
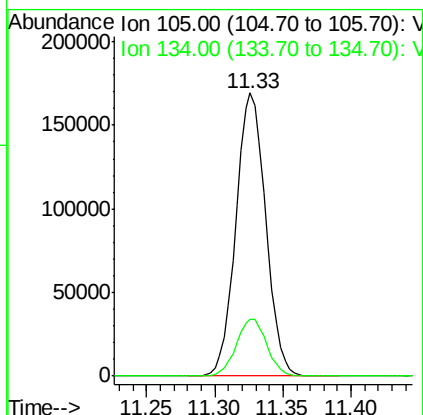
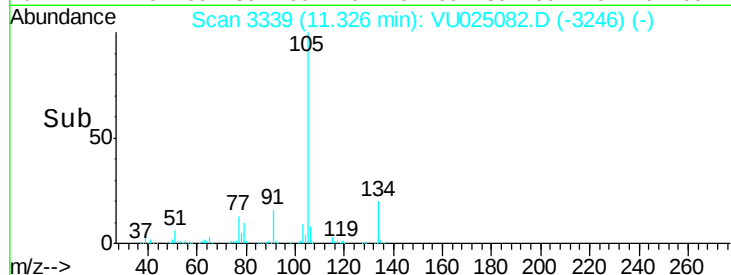
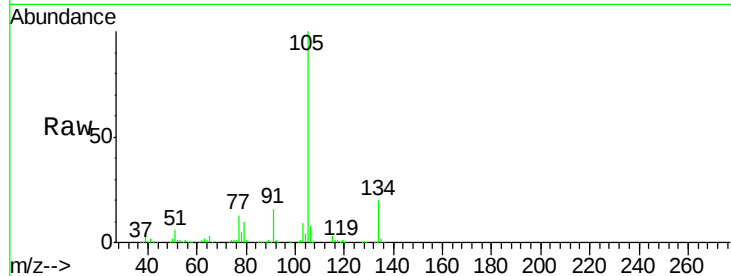
105 100

134 20.4 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 21.82 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

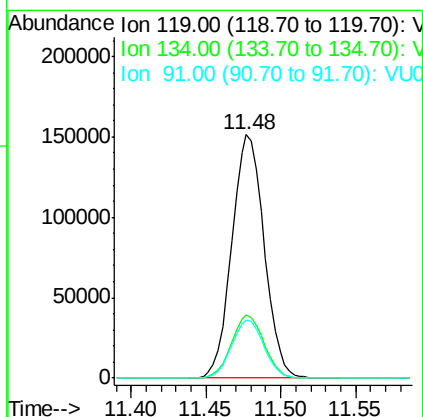
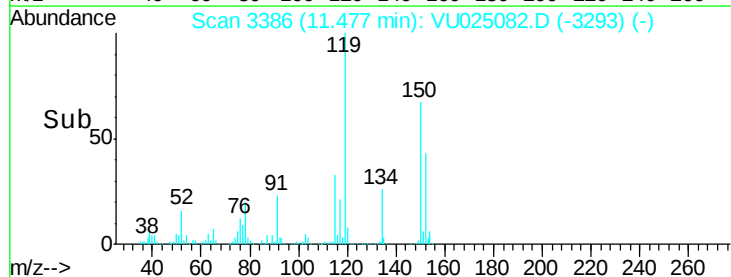
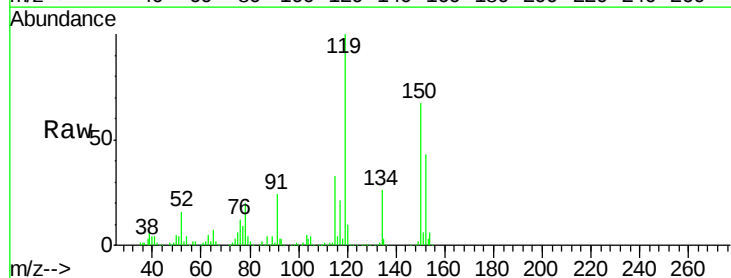
Tgt Ion:119 Resp: 227626

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 24.0 12.0 36.1





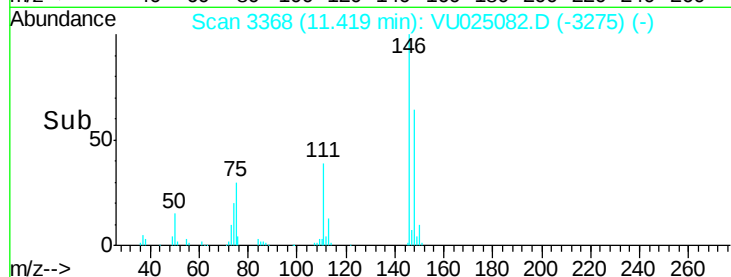
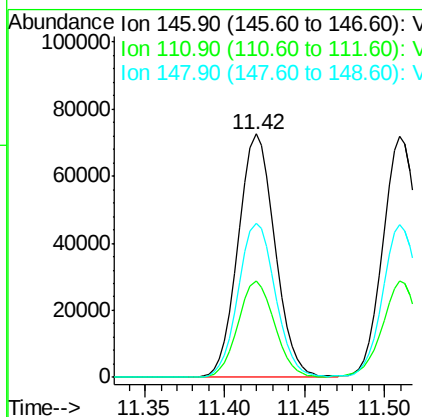
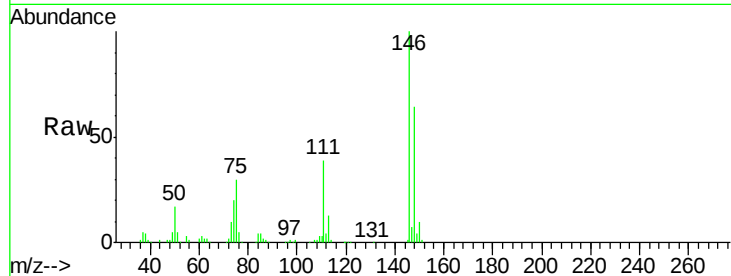
#87
 1,3-Dichlorobenzene
 Concen: 21.77 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	64.0	32.1	96.5

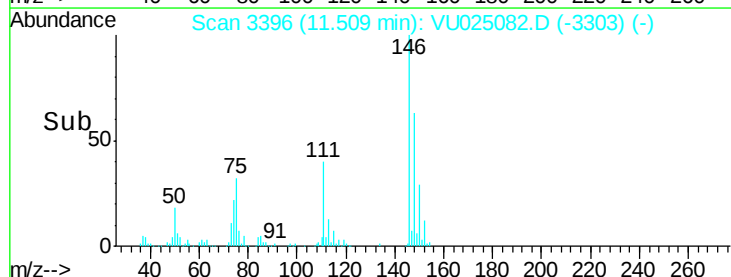
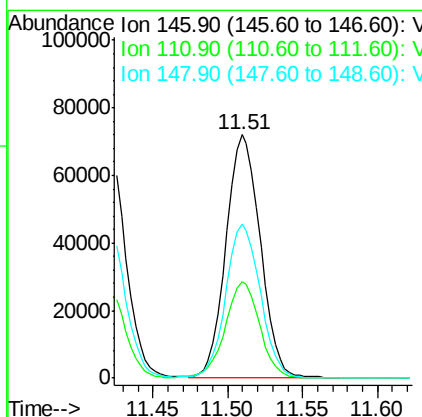
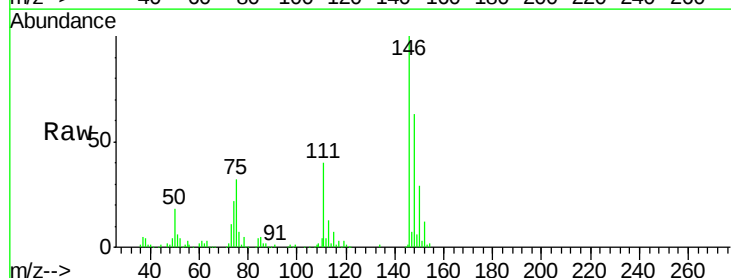
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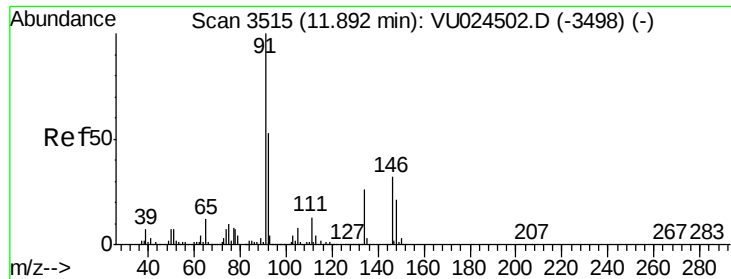
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#88
 1,4-Dichlorobenzene
 Concen: 21.86 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	64.2	32.4	97.0





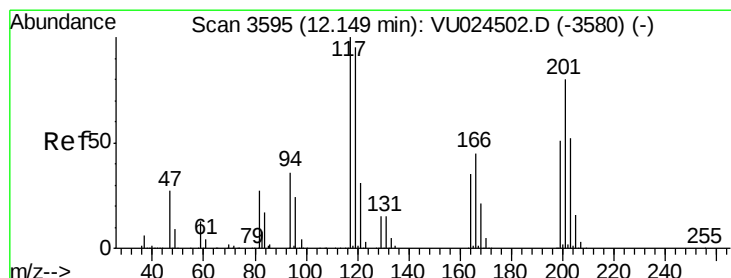
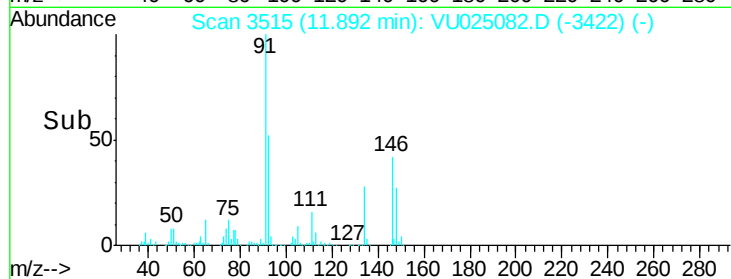
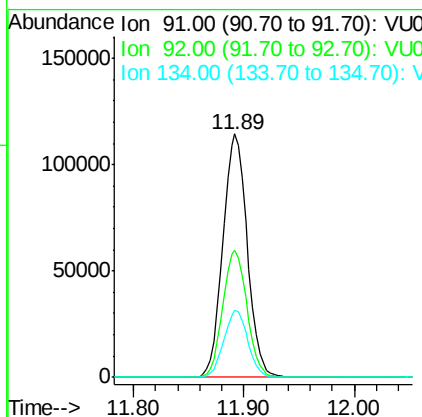
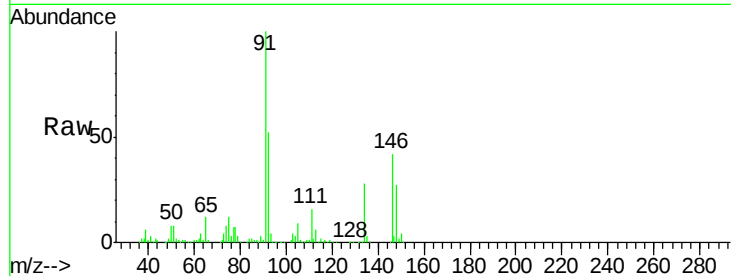
#89
n-Butylbenzene
Concen: 18.95 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.6	76.8
134	27.0	12.3	36.8

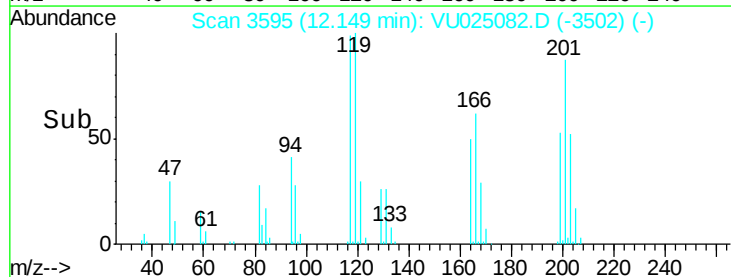
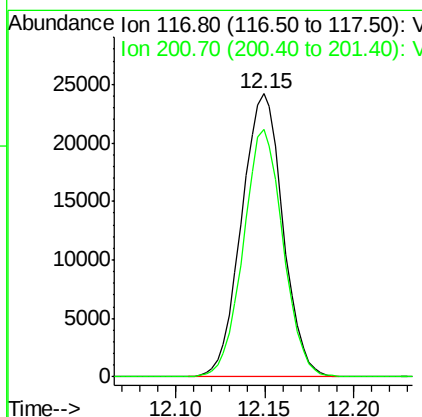
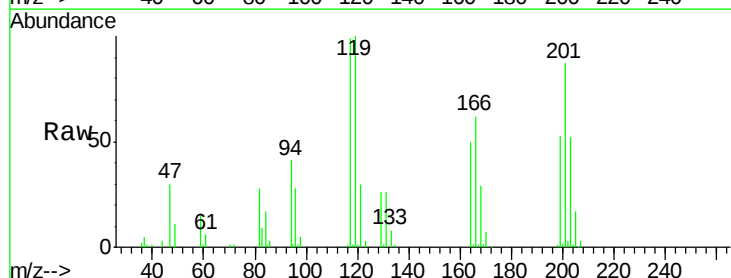
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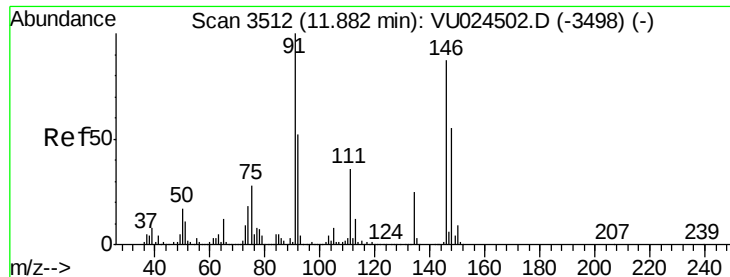
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#90
Hexachloroethane
Concen: 19.22 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025082.D
Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	41.1	123.3





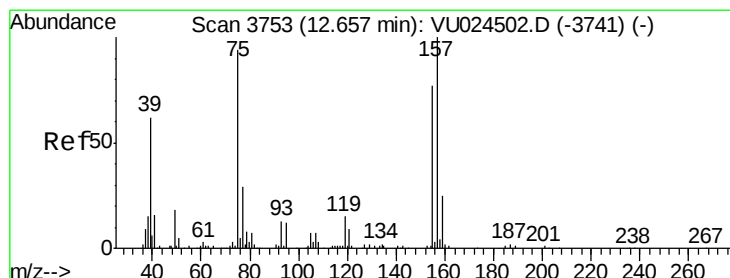
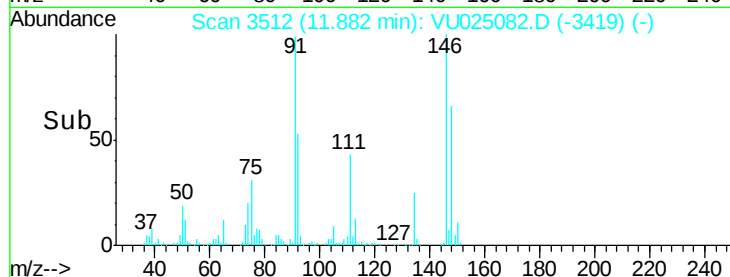
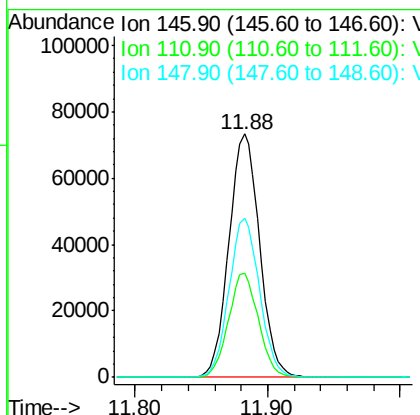
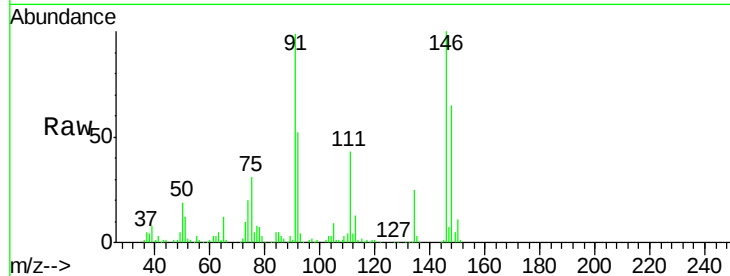
#91
 1,2-Dichlorobenzene
 Concen: 22.52 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.6
148	64.8	31.9	95.7

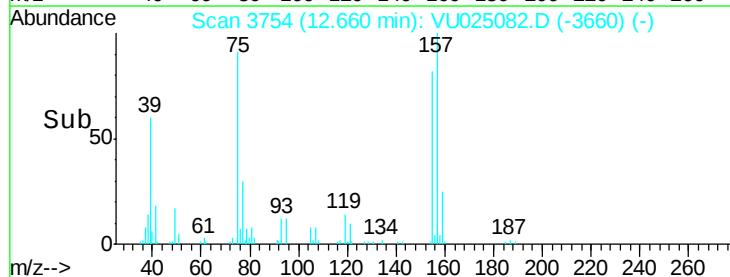
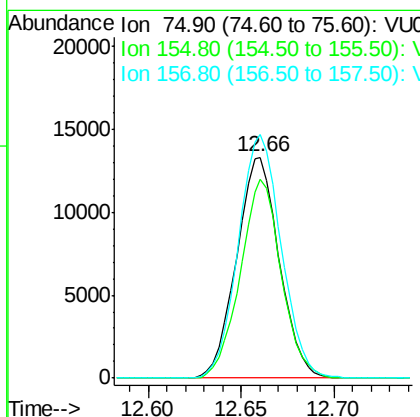
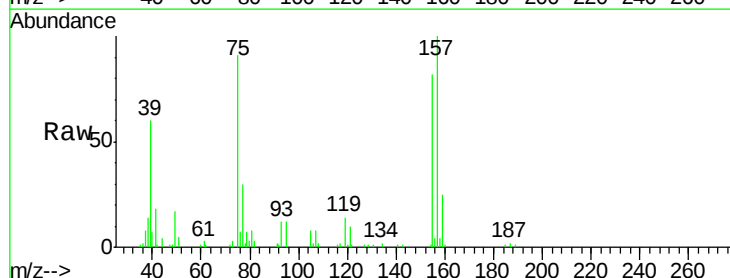
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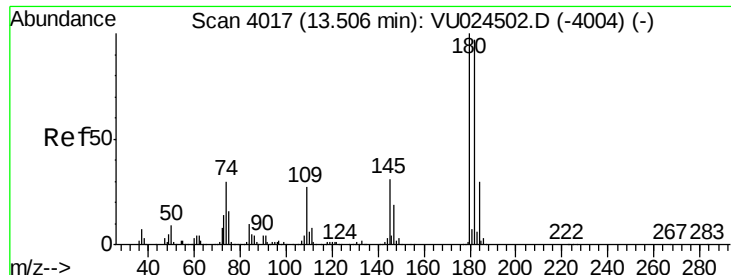
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.54 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	40.4	121.2
157	111.0	52.3	156.8





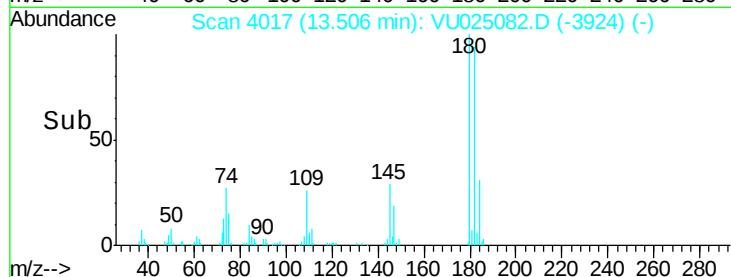
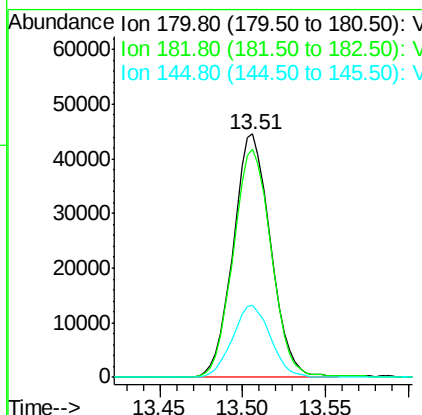
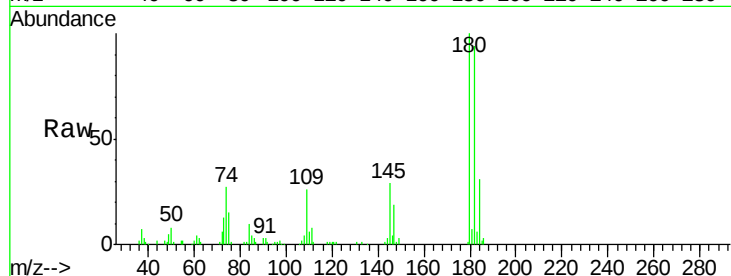
#93
 1,2,4-Trichlorobenzene
 Concen: 21.74 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	30.0	14.7	44.1

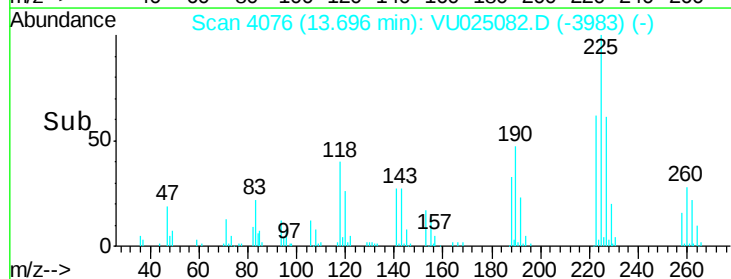
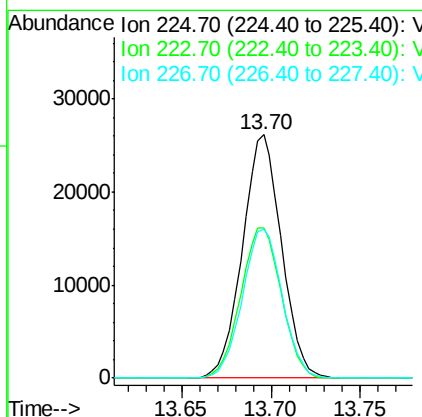
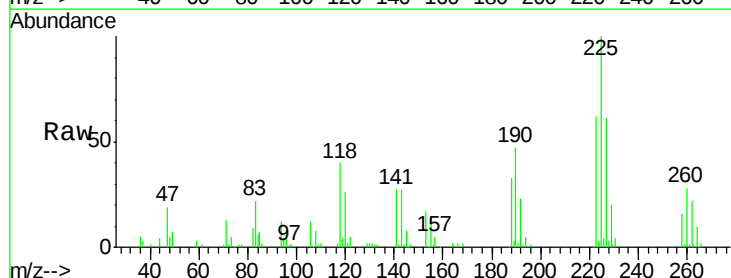
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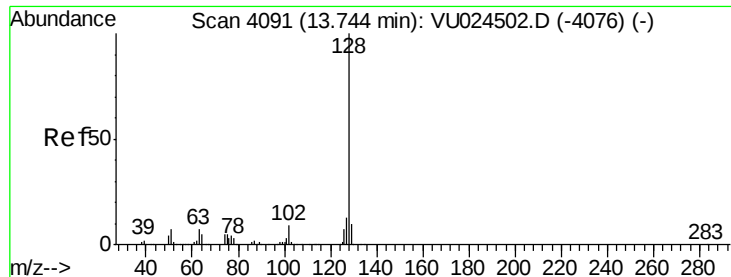
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#94
 Hexachlorobutadiene
 Concen: 22.06 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025082.D
 Acq: 30 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.8
227	62.3	31.8	95.4





#95

Naphthalene

Concen: 21.86 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Instrument :

MSVOA_U

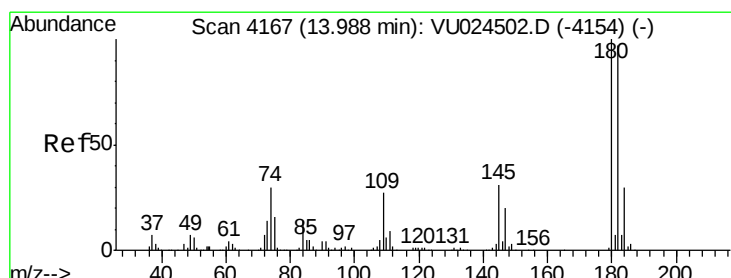
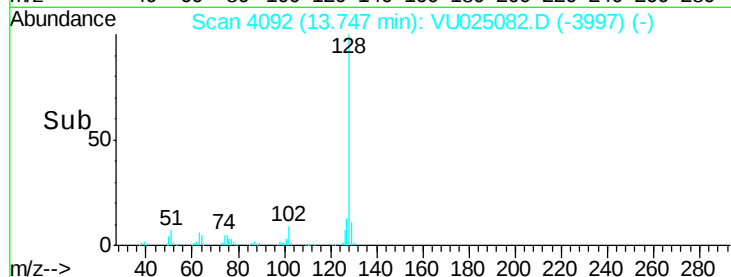
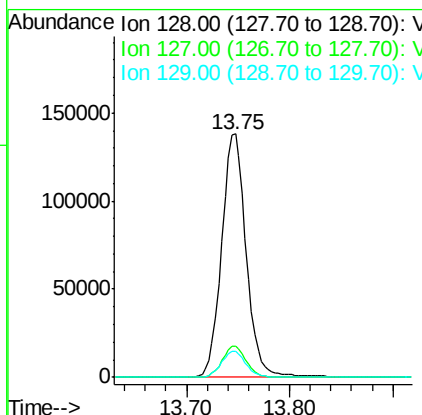
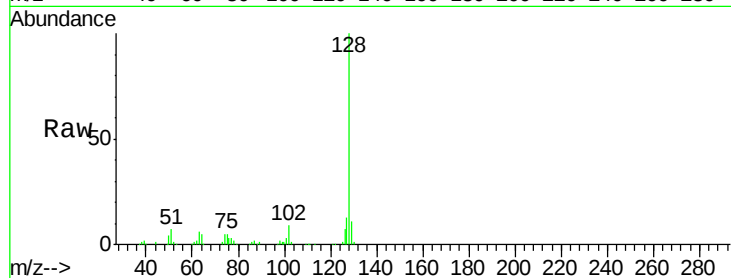
ClientSampleId :

VU0630WBS01

Tot Ion:	128	Resp:	229434
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	10.9	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 22.91 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025082.D

Acq: 30 Jun 2018 12:44

Tgt Ion:	180	Resp:	73698
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.9	143.7
145	31.3	15.4	46.1

