

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024528.D
 Acq On : 14 Jun 2018 10:43
 Operator : MD/SY
 Sample : VU0614WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Manual Integrations
 APPROVED

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 6/15/2018 3:16:01 PM

Quant Time: Jun 15 02:07:28 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	190996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299060	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165882	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	137208	44.00	ug/l	0.00
Spiked Amount			Recovery	=	88.00%	
35) Dibromofluoromethane	4.89	113	119099	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	7.57	98	436904	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.31	95	168700	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	40800	17.066	ug/l	99
3) Chloromethane	1.33	50	48798	19.979	ug/l	98
4) Vinyl Chloride	1.40	62	47693	18.935	ug/l	98
5) Bromomethane	1.63	94	25474	20.921	ug/l	100
6) Chloroethane	1.70	64	28983	19.959	ug/l	99
7) Trichlorofluoromethane	1.89	101	71902	18.705	ug/l	98
8) Diethyl Ether	2.10	74	27362	19.779	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41918	17.577	ug/l	97
10) Methyl Iodide	2.41	142	35637	21.078	ug/l	96
11) Tert butyl alcohol	2.82	59	66005	87.039	ug/l	99
12) 1,1-Dichloroethene	2.29	96	40213	18.491	ug/l	90
13) Acrolein	2.19	56	30134	75.671	ug/l	99
14) Allyl chloride	2.60	41	69208	17.139	ug/l	93
15) Acrylonitrile	2.94	53	139392	94.475	ug/l	99
16) Acetone	2.32	43	147394	87.979	ug/l	98
17) Carbon Disulfide	2.48	76	126146	18.115	ug/l	99
18) Methyl Acetate	2.62	43	67475	18.787	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	144658	17.695	ug/l	99
20) Methylene Chloride	2.71	84	46133	17.550	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	41950	17.514	ug/l	96
22) Diisopropyl ether	3.57	45	147594	18.439	ug/l	92
23) Vinyl Acetate	3.53	43	669512	93.370	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82789	17.979	ug/l	99
25) 2-Butanone	4.26	43	215047	95.562	ug/l	98
26) 2,2-Dichloropropane	4.23	77	76875	17.581	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	50557	18.359	ug/l	96
28) Bromochloromethane	4.55	49	42881	21.142	ug/l	89
29) Tetrahydrofuran	4.64	42	130529	93.666	ug/l	97
30) Chloroform	4.68	83	85091	18.256	ug/l	100
31) Cyclohexane	5.00	56	79711	18.239	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	76002	17.634	ug/l	96
36) 1,1-Dichloropropene	5.14	75	63473	18.062	ug/l	97
37) Ethyl Acetate	4.38	43	74820	19.534	ug/l	96
38) Carbon Tetrachloride	5.14	117	68465	17.717	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	79103	18.038	ug/l	96
40) Benzene	5.39	78	186739	18.649	ug/l	98
41) Methacrylonitrile	4.55	41	39391	19.075	ug/l	96
42) 1,2-Dichloroethane	5.41	62	66450	17.424	ug/l	99
43) Isopropyl Acetate	5.55	43	120268	18.165	ug/l	97
44) Trichloroethene	6.19	130	51477	18.063	ug/l	96
45) 1,2-Dichloropropane	6.44	63	51211	19.167	ug/l	99
46) Dibromomethane	6.56	93	35651	18.996	ug/l	96
47) Bromodichloromethane	6.76	83	68864	18.427	ug/l	98
48) Methyl methacrylate	6.63	41	58637	18.188	ug/l	97
49) 1,4-Dioxane	6.61	88	24341	386.077	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	392857	94.449	ug/l	98
52) Toluene	7.64	92	117508	18.240	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	76987	18.344	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	81031	18.120	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48298	18.443	ug/l	98
56) Ethyl methacrylate	8.02	69	81670	18.633	ug/l	100
57) 1,3-Dichloropropane	8.25	76	81705	18.495	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	167727	99.886	ug/l	96
59) 2-Hexanone	8.36	43	316189	93.112	ug/l	99
60) Dibromochloromethane	8.48	129	57762	17.688	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54525	18.707	ug/l	100
64) Tetrachloroethene	8.23	164	44348	16.399	ug/l	96
65) Chlorobenzene	9.12	112	134907	18.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50589	18.321	ug/l	99
67) Ethyl Benzene	9.25	91	235484	18.482	ug/l	95
68) m/p-Xylenes	9.38	106	182694	37.340	ug/l	97
69) o-Xylene	9.78	106	89171	18.416	ug/l	96
70) Styrene	9.80	104	147854	18.581	ug/l	99
71) Bromoform	9.96	173	48142	18.343	ug/l #	99
73) Isopropylbenzene	10.17	105	238346	18.715	ug/l	99
74) N-amyl acetate	10.01	43	112761	18.614	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	83131	19.479	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	73025m	19.995	ug/l	
77) Bromobenzene	10.46	156	60204	18.672	ug/l	95
78) n-propylbenzene	10.59	91	282086	18.803	ug/l	98
79) 2-Chlorotoluene	10.66	91	162060	18.318	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	203561	18.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	29761m	18.860	ug/l	
82) 4-Chlorotoluene	10.78	91	194535	18.892	ug/l	99
83) tert-Butylbenzene	11.10	119	206225	19.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	205151	18.237	ug/l	97
85) sec-Butylbenzene	11.33	105	249617	18.780	ug/l	97
86) p-Isopropyltoluene	11.48	119	220575	18.530	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	110730	18.589	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	113357	18.907	ug/l	99
89) n-Butylbenzene	11.89	91	201082	19.027	ug/l	97
90) Hexachloroethane	12.15	117	43409	18.693	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	110696	18.553	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21479	18.240	ug/l	89

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	74386	20.189	ug/l	99
94) Hexachlorobutadiene	13.70	225	40847	19.697	ug/l	98
95) Naphthalene	13.75	128	219277	18.412	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75519	20.570	ug/l	99

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

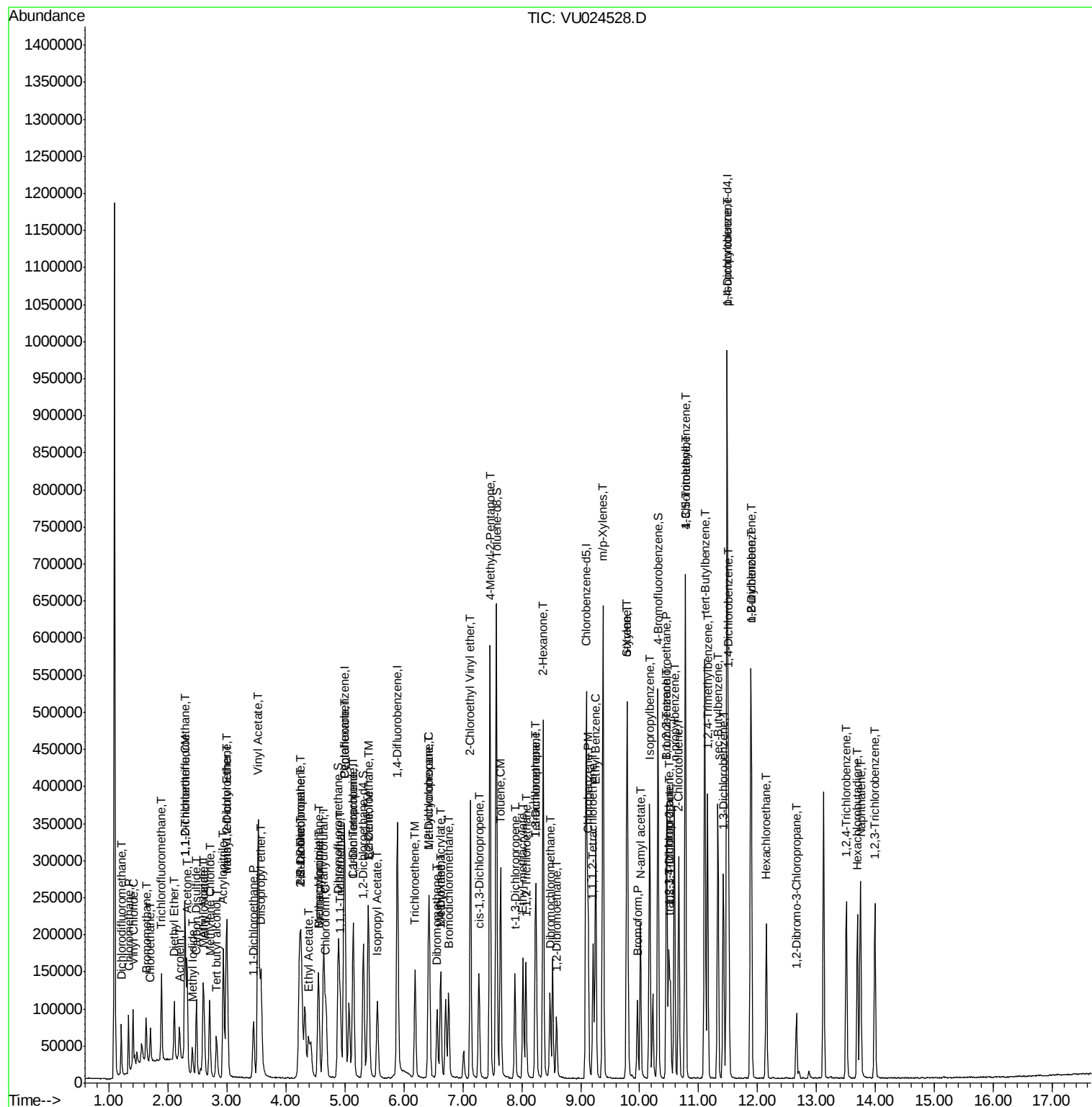
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 Data File : VU024528.D
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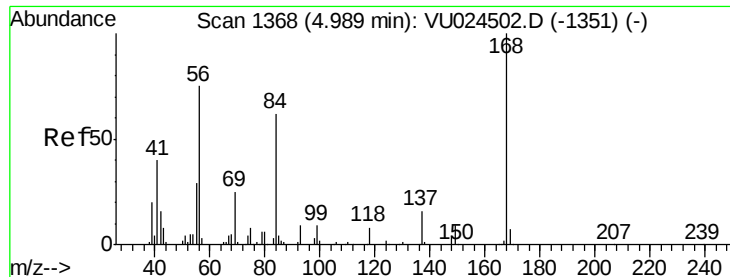
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampled :

VU0614WBS01

Tot Ion:168 Resp: 190996

Ion Ratio Lower Upper

168 100

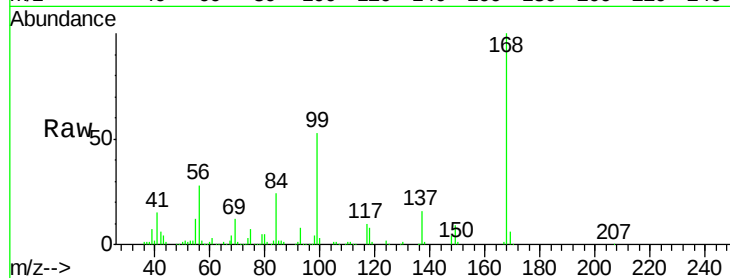
99 52.7 43.2 64.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

100000

80000

60000

40000

20000

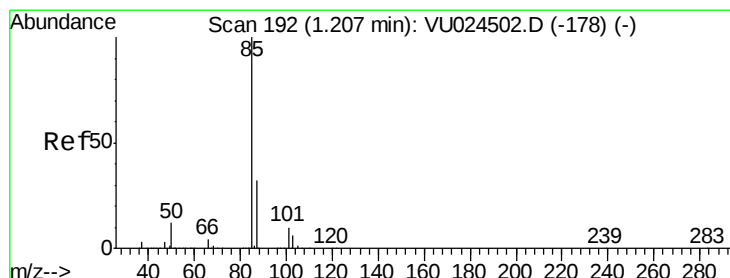
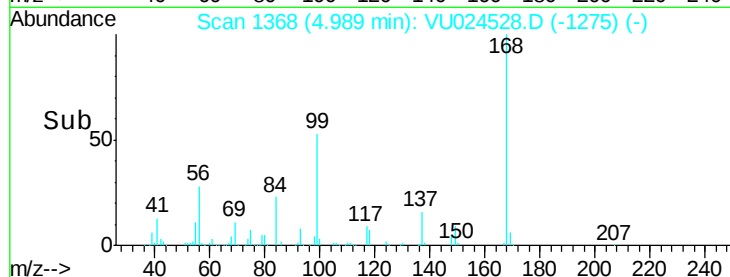
0

4.90

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.066 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024528.D

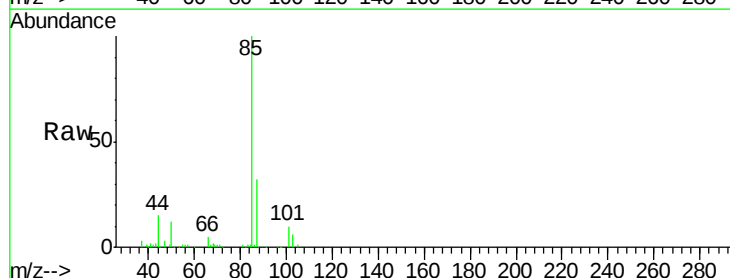
Acq: 14 Jun 2018 10:43

Tgt Ion: 85 Resp: 40800

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0

40000

30000

20000

10000

0

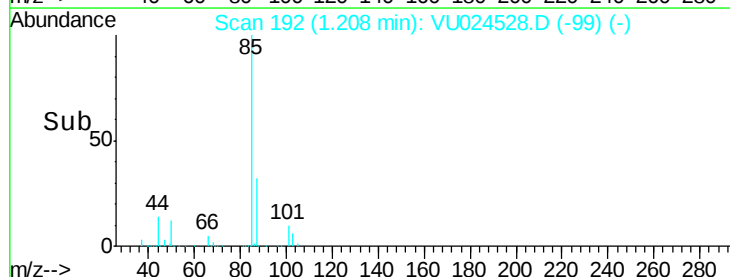
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 19.979 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 50 Resp: 48798

Ion Ratio Lower Upper

50 100

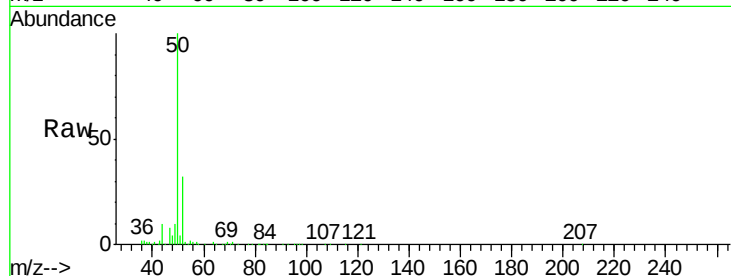
52 32.0 26.4 39.6

Manual Integrations

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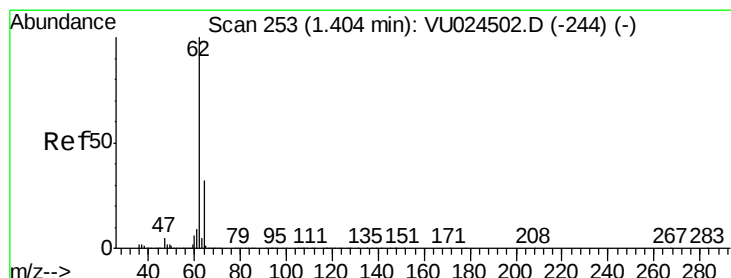
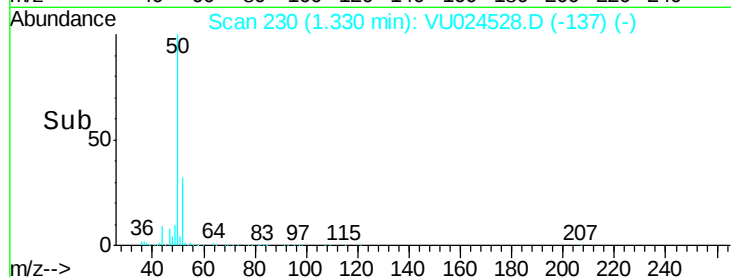
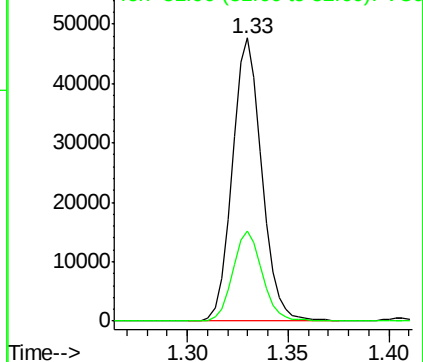
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.935 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024528.D

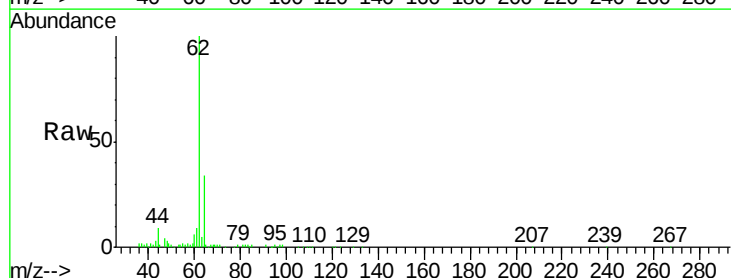
Acq: 14 Jun 2018 10:43

Tgt Ion: 62 Resp: 47693

Ion Ratio Lower Upper

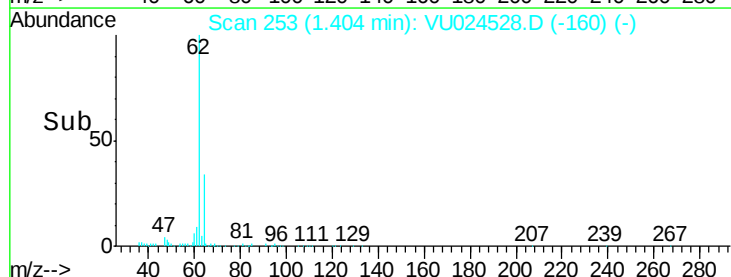
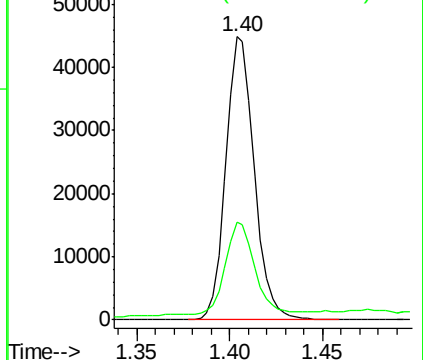
62 100

64 32.2 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: 20.921 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 94 Resp: 25474

Ion Ratio Lower Upper

94 100

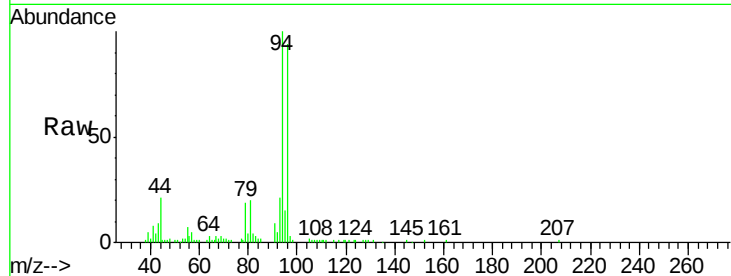
96 93.4 74.5 111.7

Manual Integrations

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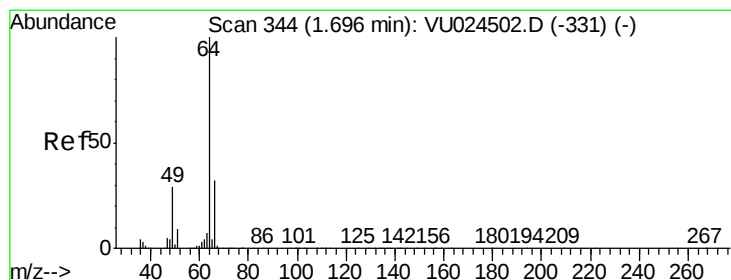
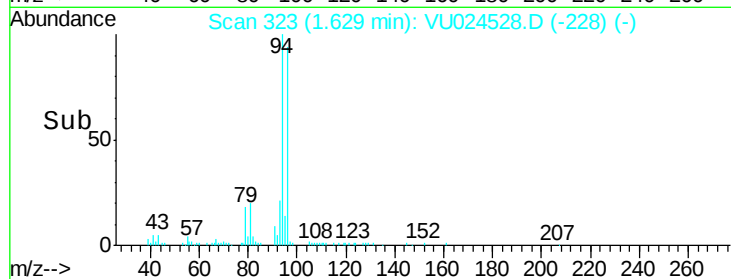
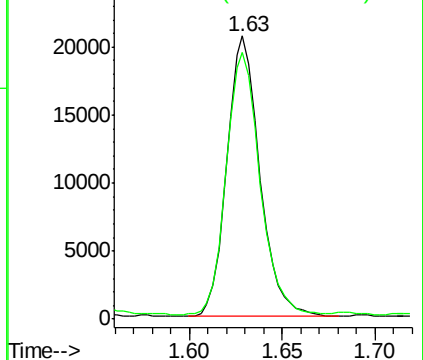
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 19.959 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU024528.D

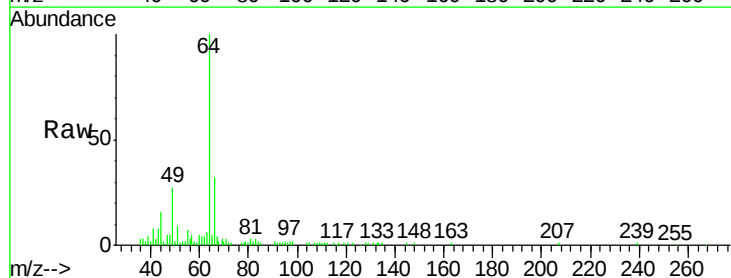
Acq: 14 Jun 2018 10:43

Tgt Ion: 64 Resp: 28983

Ion Ratio Lower Upper

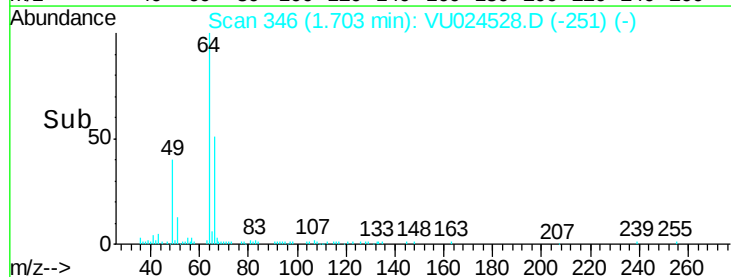
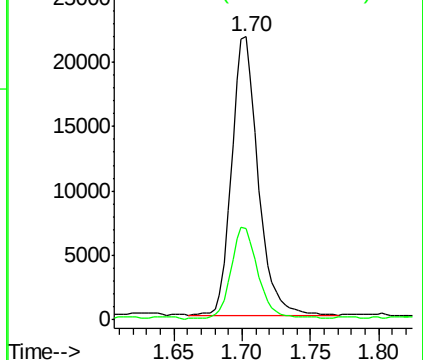
64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

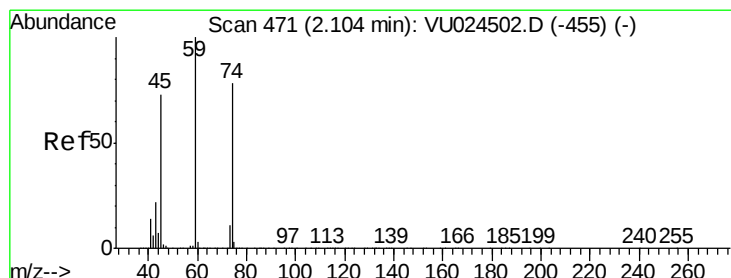
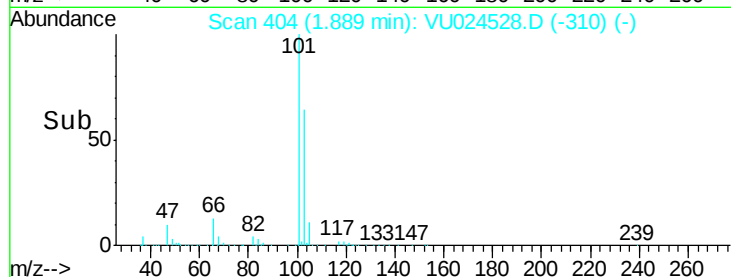
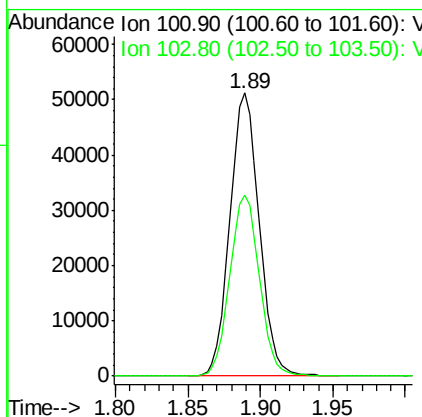
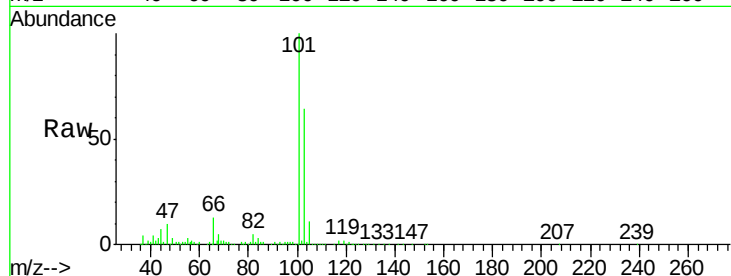
Trichlorofluoromethane
Concen: 18.705 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
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ClientSampleId :
VU0614WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

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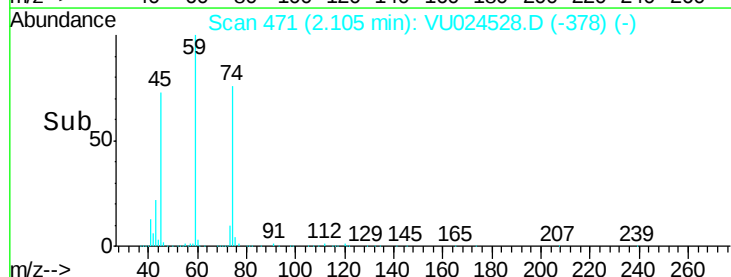
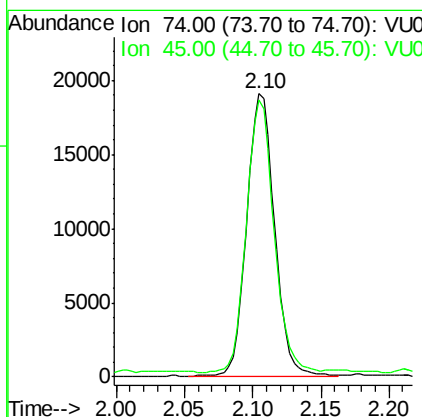
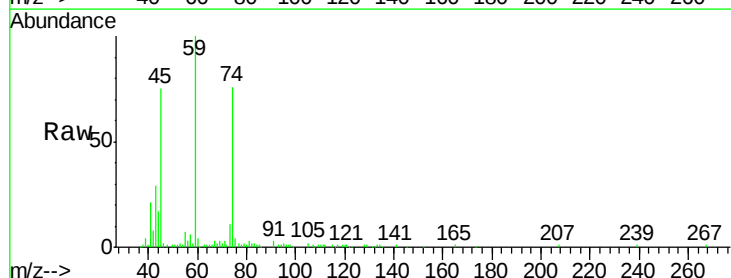
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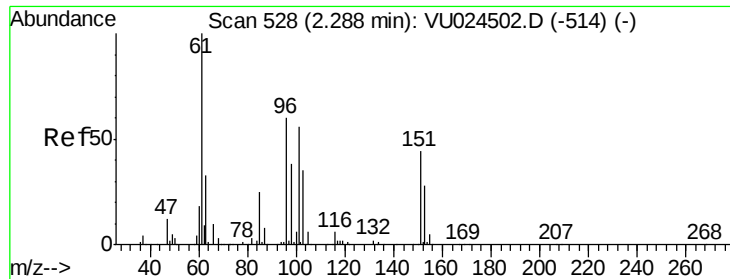


#8

Diethyl Ether
Concen: 19.779 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.577 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

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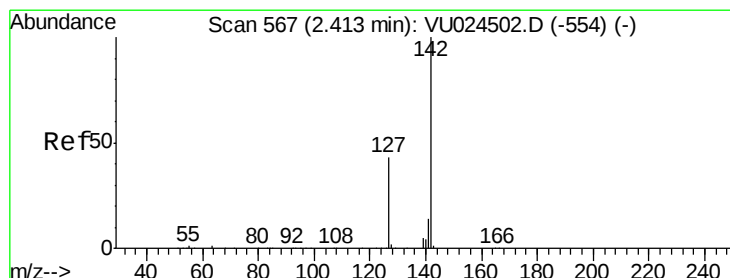
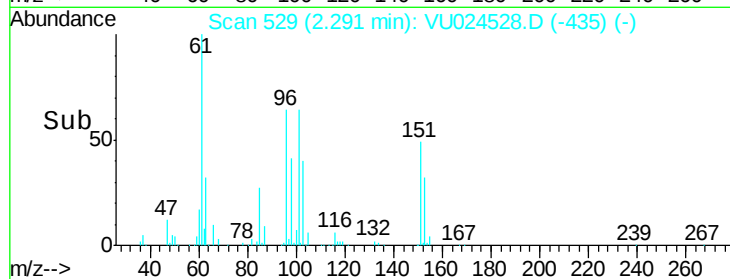
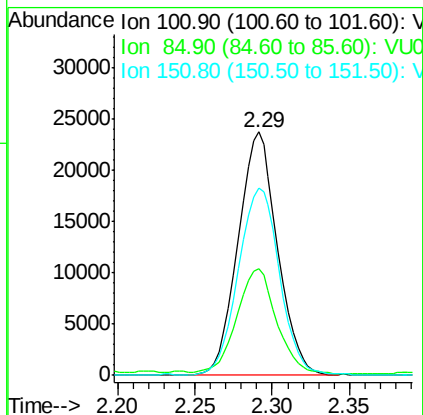
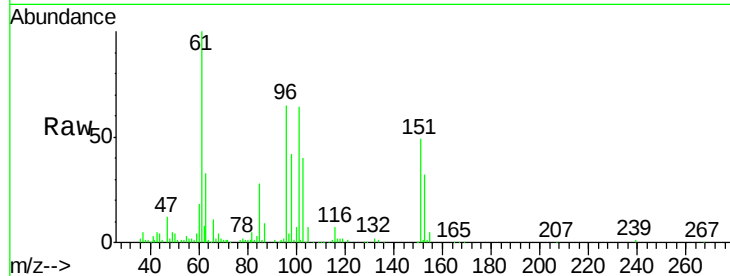
ClientSampleId :

VU0614WBS01

Tot Ion:	101	Resp:	41918
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	81.1	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 21.078 ug/l

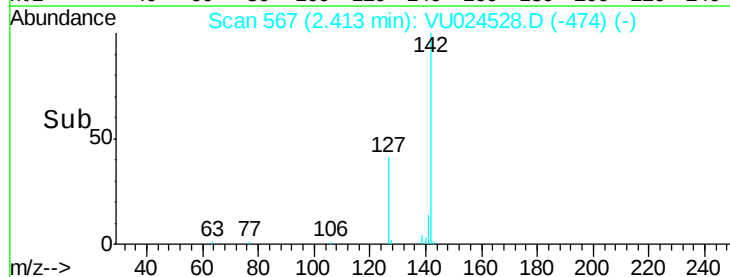
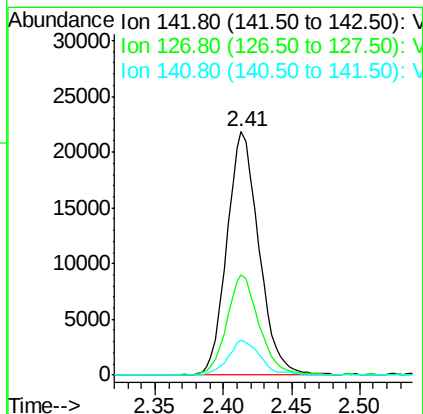
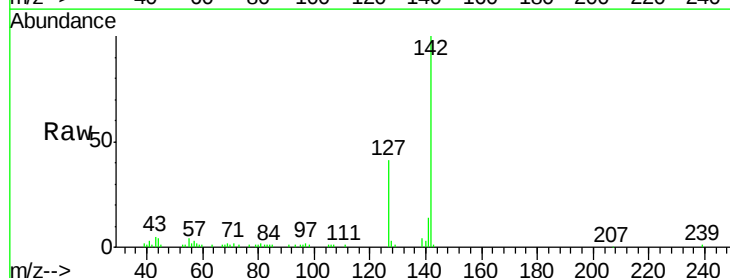
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	142	Resp:	35637
Ion Ratio	Lower	Upper	
142	100		
127	41.2	35.6	53.4
141	14.3	11.7	17.5





#11

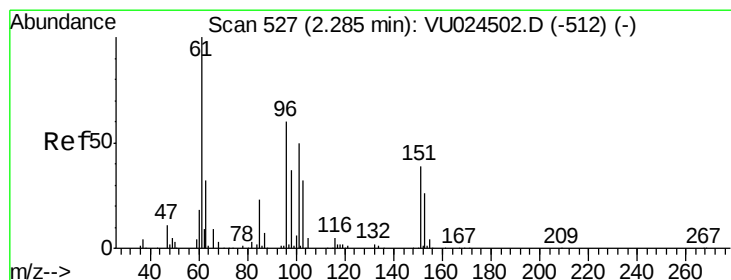
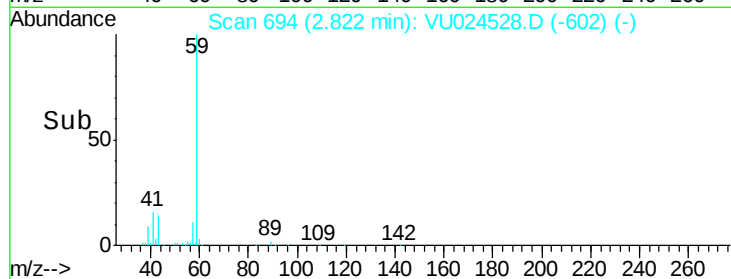
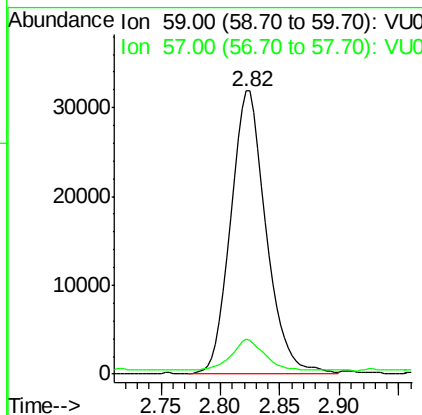
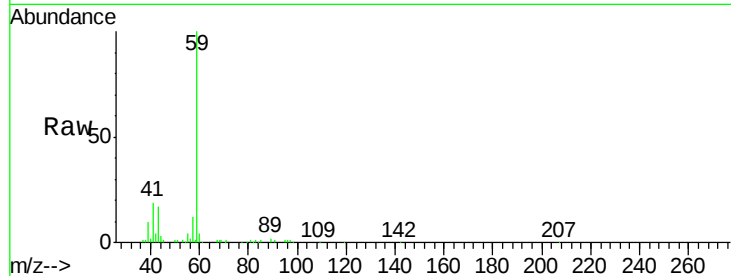
Tert butyl alcohol
 Concen: 87.039 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

Manual Integrations
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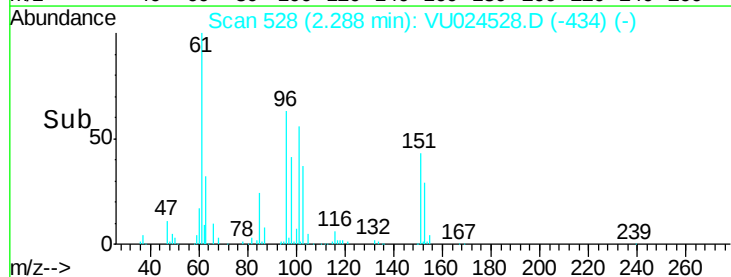
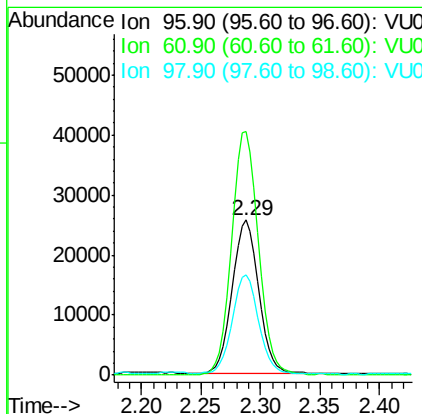
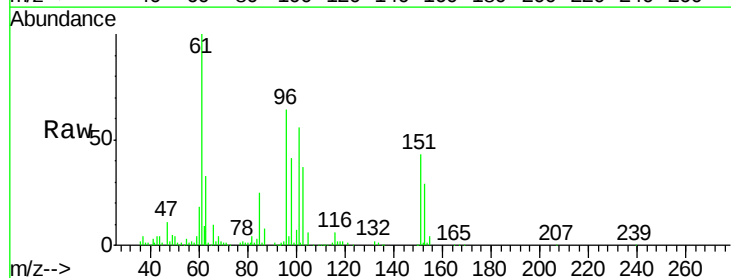
apatel
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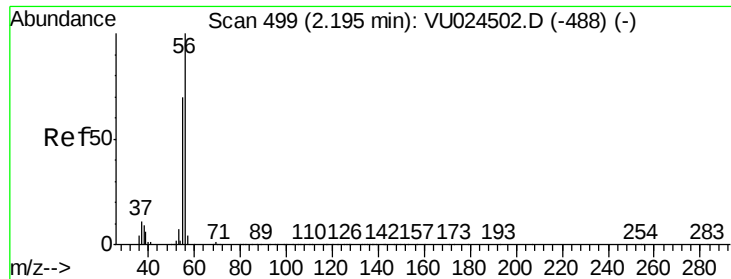


#12

1,1-Dichloroethene
 Concen: 18.491 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	141.7	212.5
98	64.6	51.6	77.4





#13

Acrolein

Concen: 75.671 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 56 Resp: 30134

Ion Ratio Lower Upper

56 100

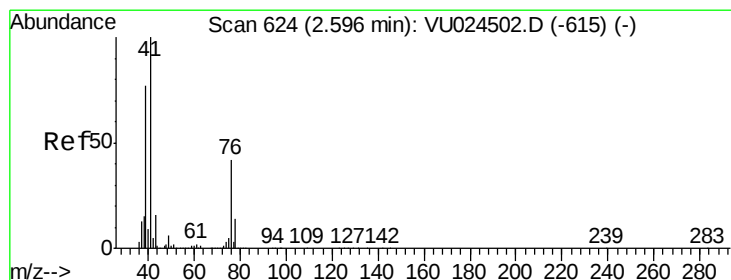
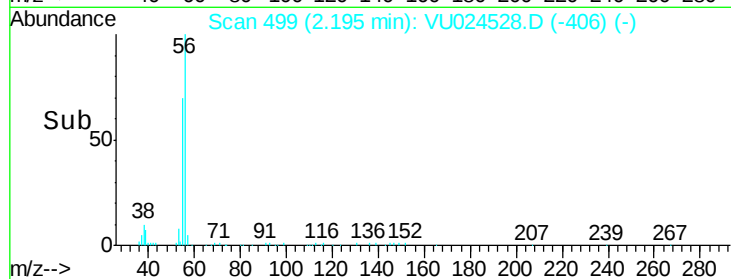
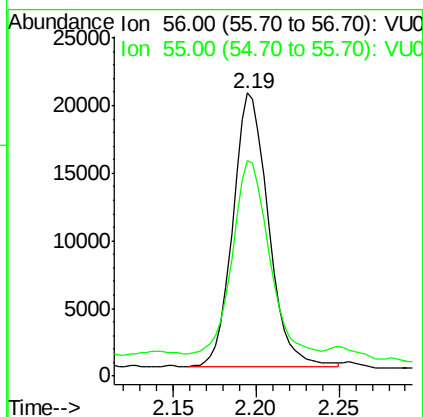
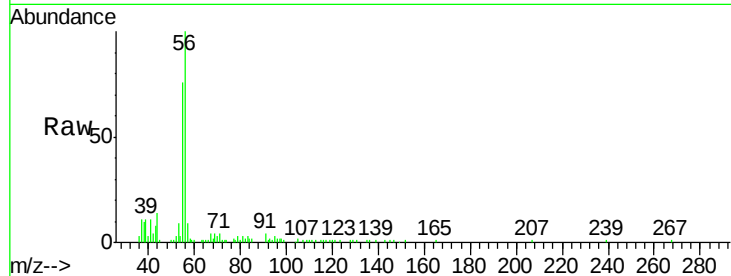
55 72.5 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.139 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

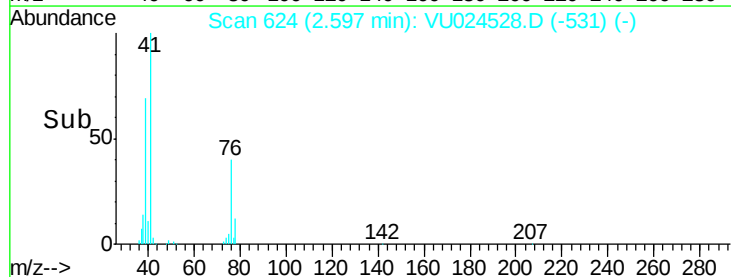
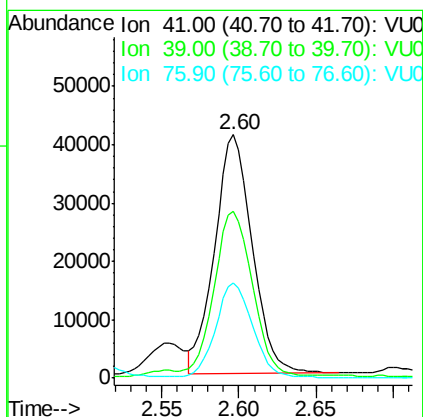
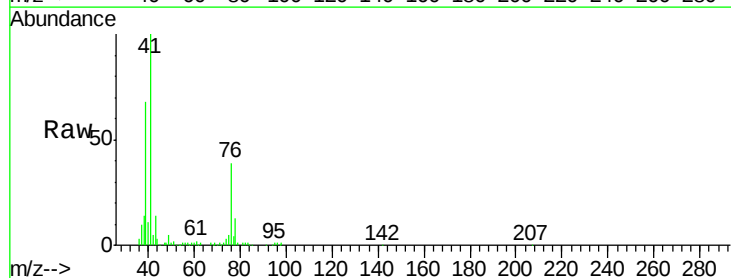
Tgt Ion: 41 Resp: 69208

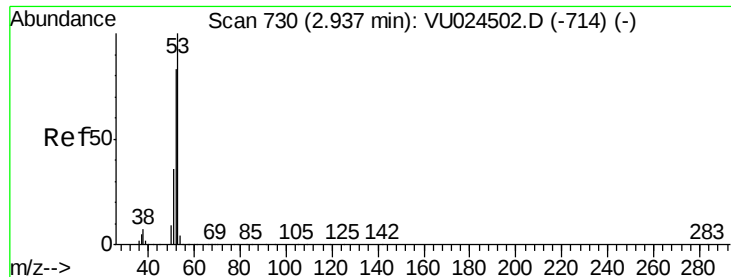
Ion Ratio Lower Upper

41 100

39 70.1 61.6 92.4

76 40.0 29.7 44.5





#15

Acrylonitrile

Concen: 94.475 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

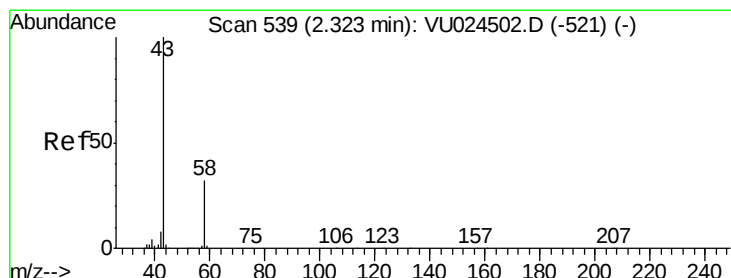
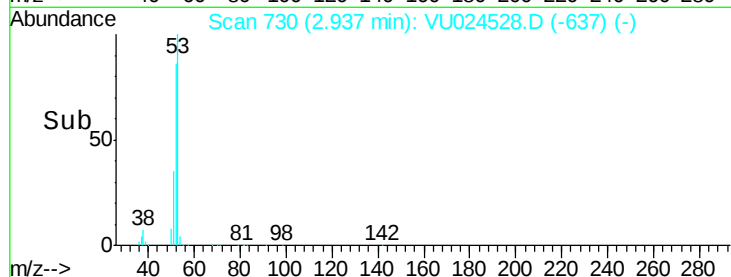
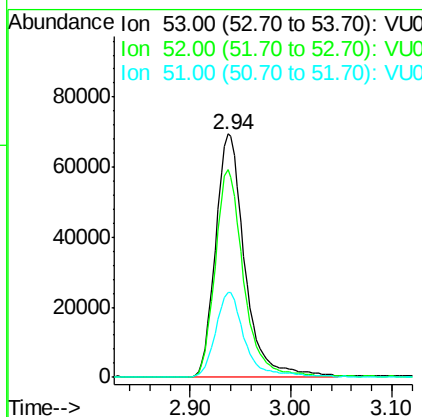
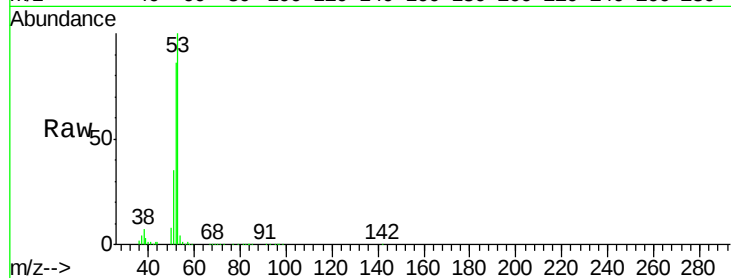
ClientSampleId :

VU0614WBS01

Tot Ion:	53	Resp:	139392
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.1	100.7
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 87.979 ug/l

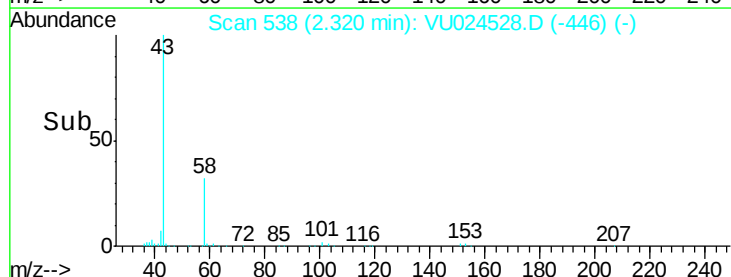
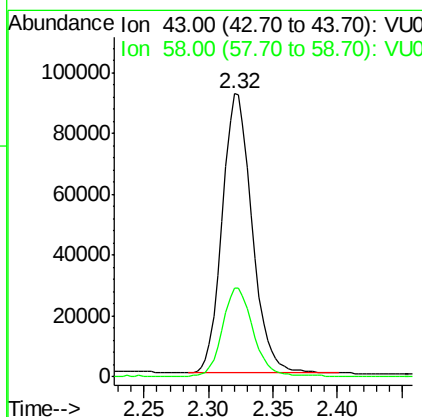
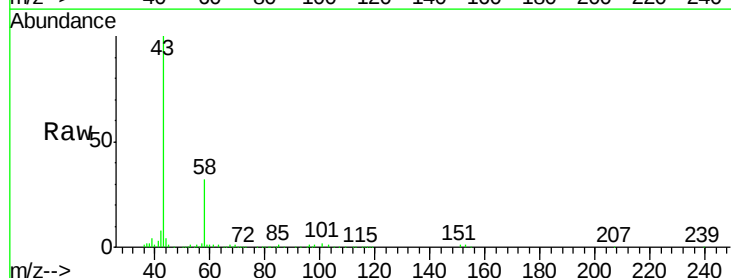
RT: 2.32 min Scan# 538

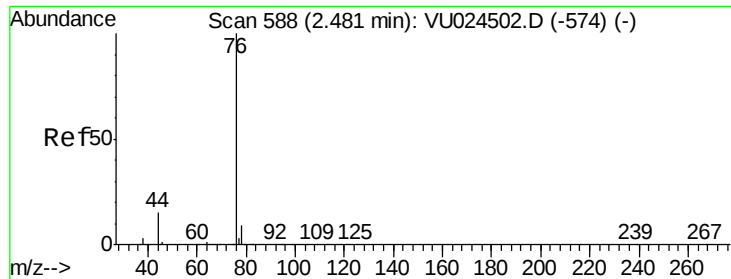
Delta R.T. -0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	43	Resp:	147394
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.4	36.6





#17

Carbon Disulfide

Concen: 18.115 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 76 Resp: 126146

Ion Ratio Lower Upper

76 100

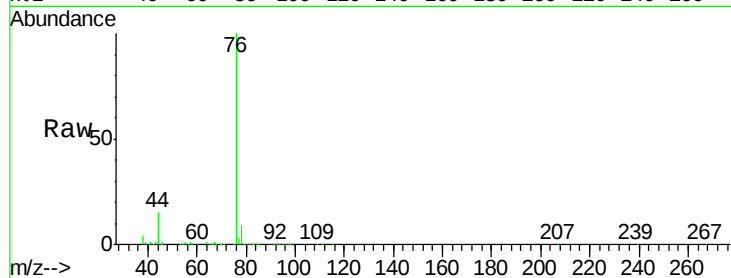
78 9.4 7.1 10.7

Manual Integrations

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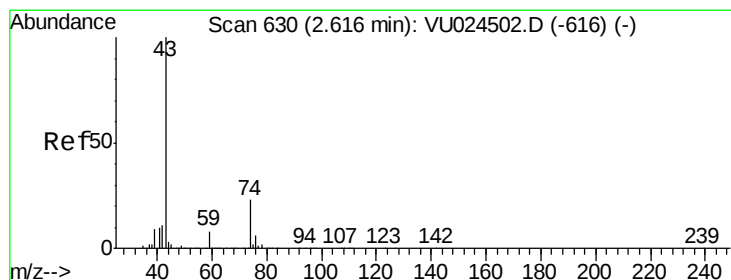
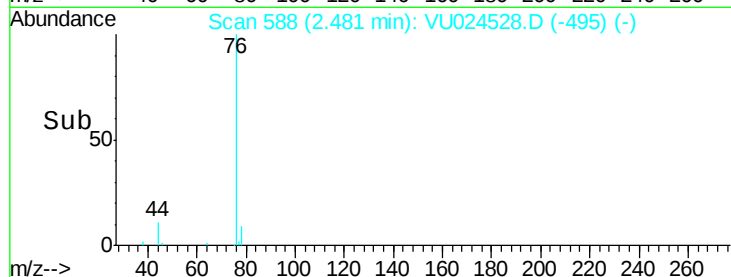
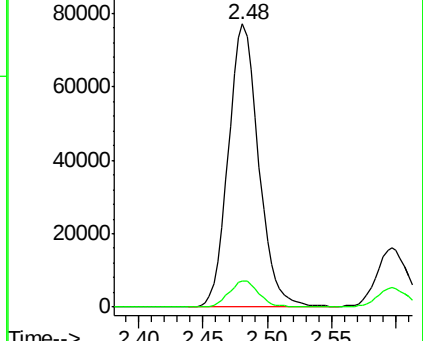
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 18.787 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024528.D

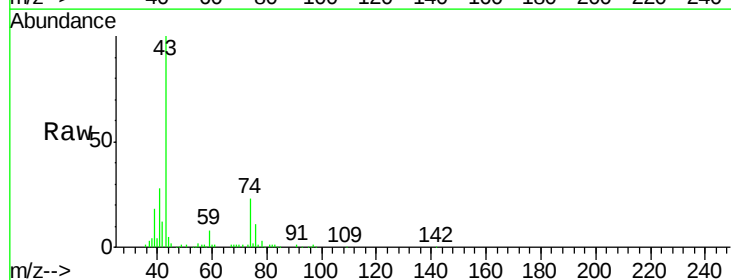
Acq: 14 Jun 2018 10:43

Tgt Ion: 43 Resp: 67475

Ion Ratio Lower Upper

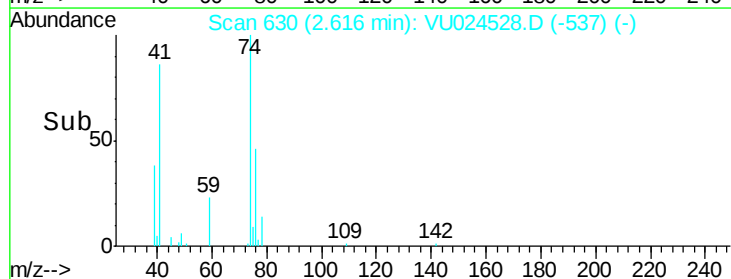
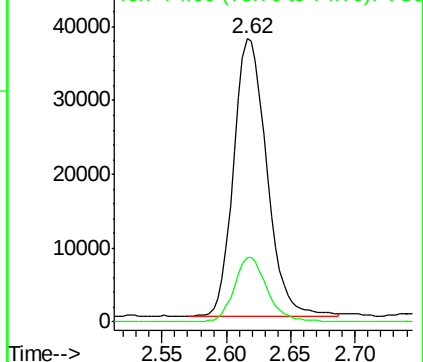
43 100

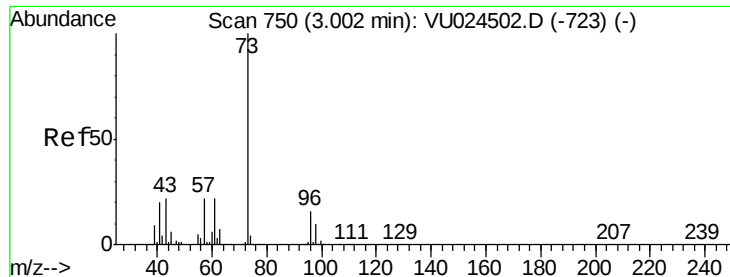
74 23.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

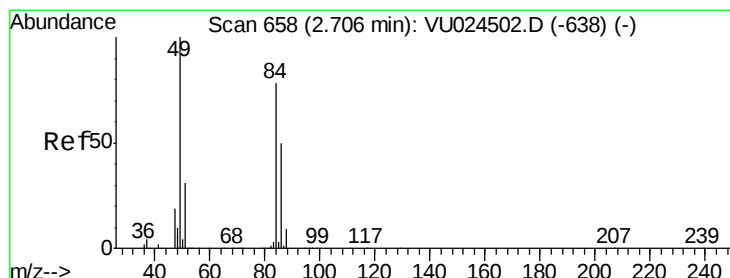
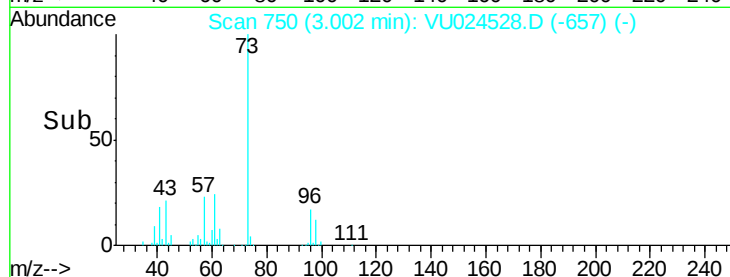
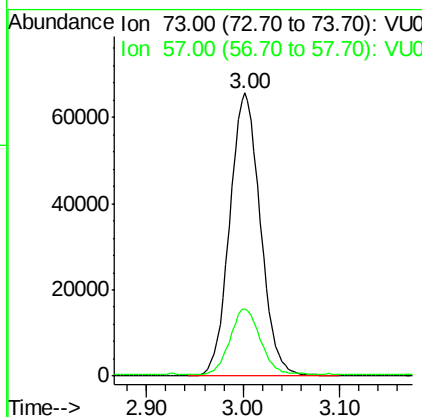
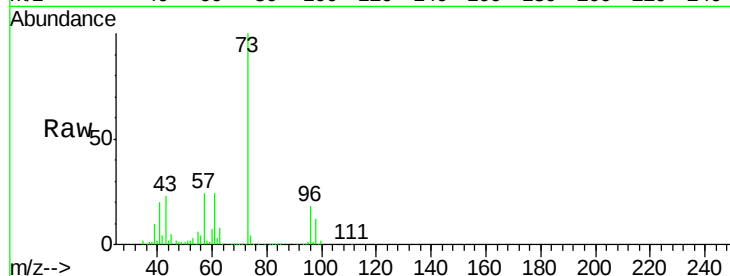
Methyl tert-butyl Ether
 Concen: 17.695 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.8	28.2

Manual Integrations
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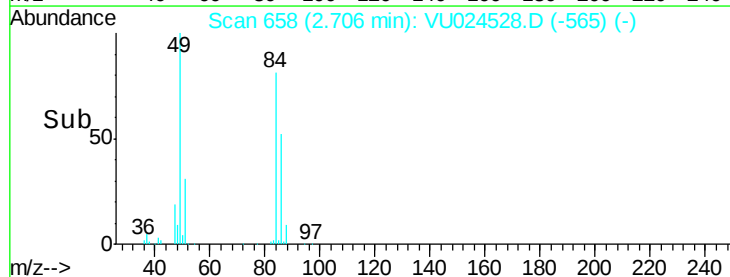
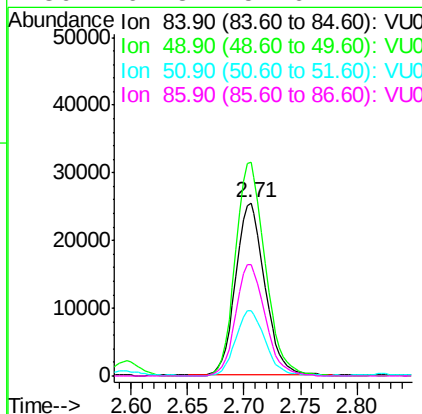
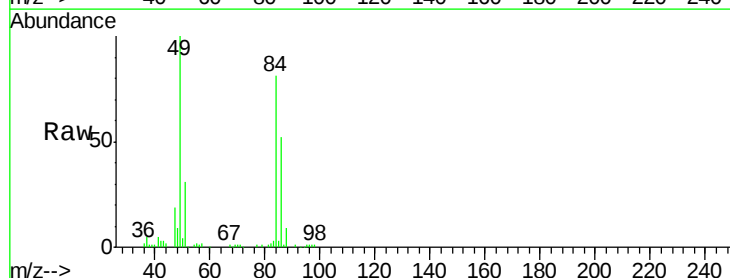
apatel
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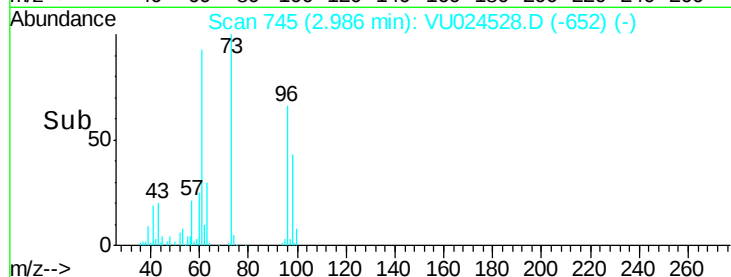
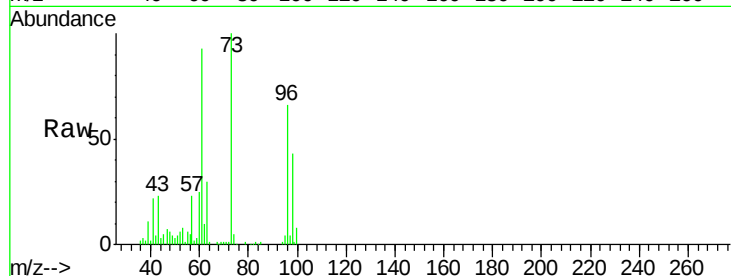
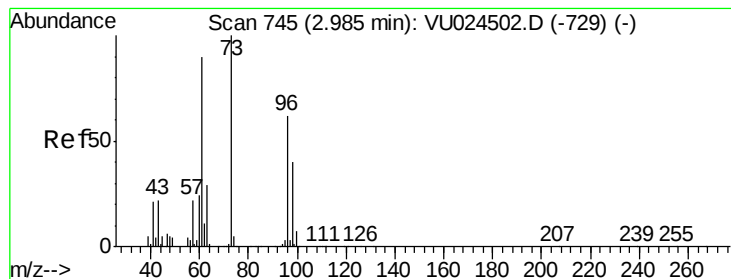


#20

Methylene Chloride
 Concen: 17.550 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	103.8	155.8
51	37.8	32.0	48.0
86	64.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 17.514 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024528.D

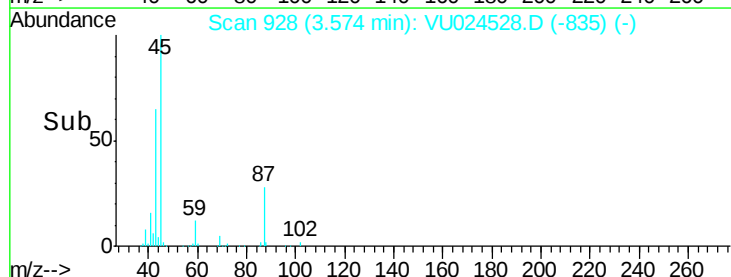
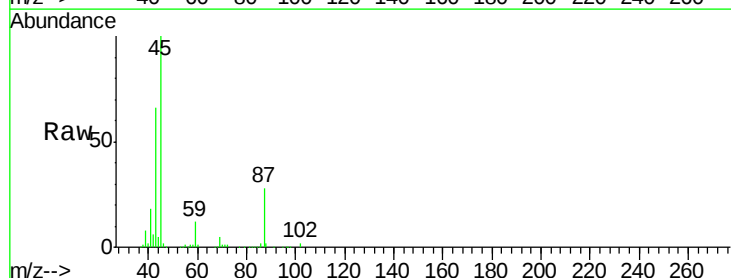
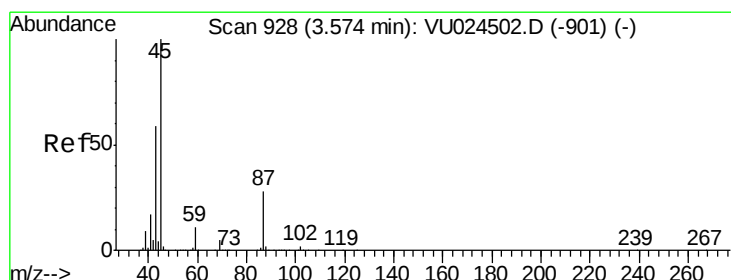
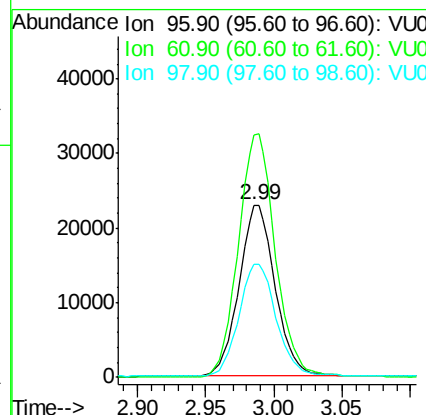
Acq: 14 Jun 2018 10:43

Tot Ion:	96	Resp:	41950
Ion	Ratio	Lower	Upper
96	100		
61	142.0	119.4	179.0
98	65.1	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

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#22

Diisopropyl ether

Concen: 18.439 ug/l

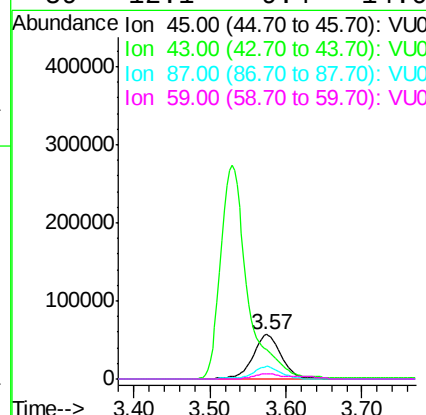
RT: 3.57 min Scan# 928

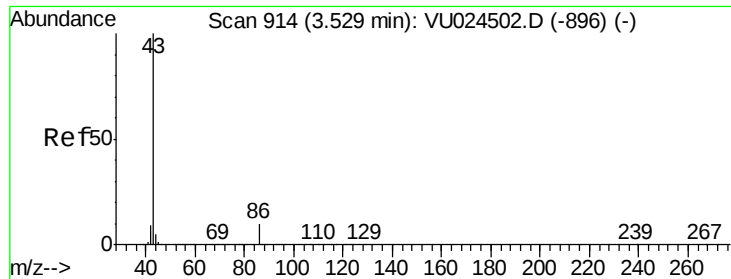
Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	45	Resp:	147594
Ion	Ratio	Lower	Upper
45	100		
43	65.1	45.8	68.6
87	27.9	20.6	31.0
59	12.1	9.4	14.0





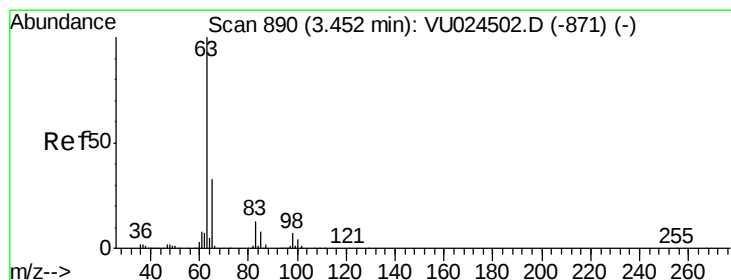
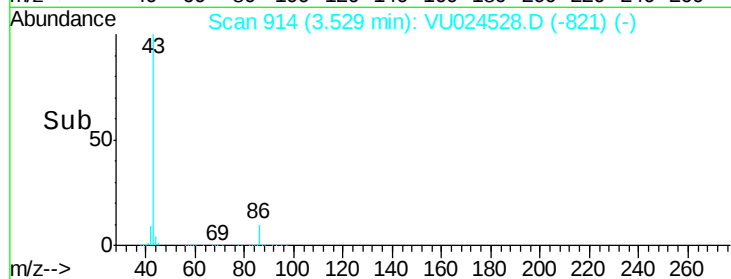
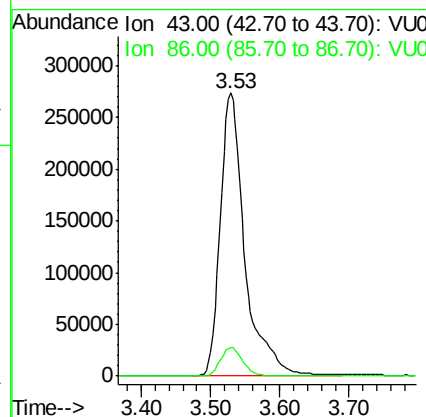
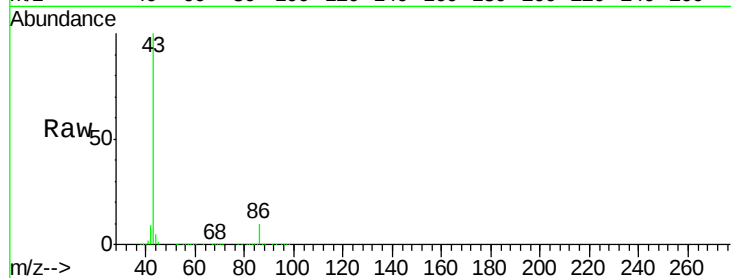
#23
 Vinyl Acetate
 Concen: 93.370 ug/l
 RT: 3.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

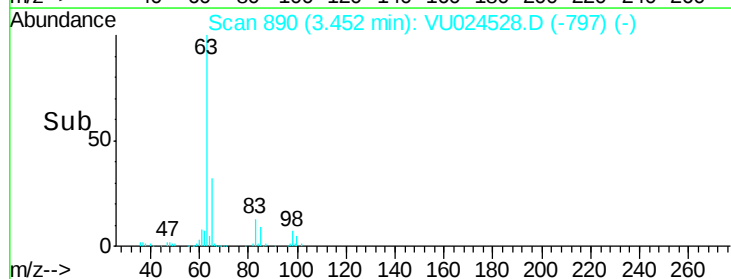
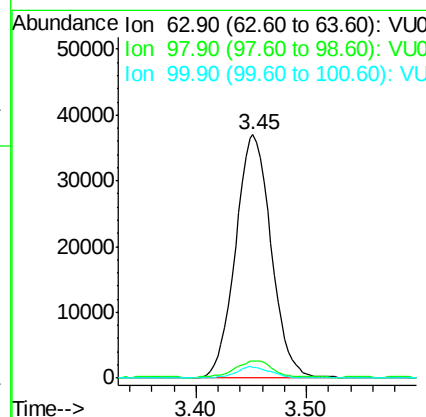
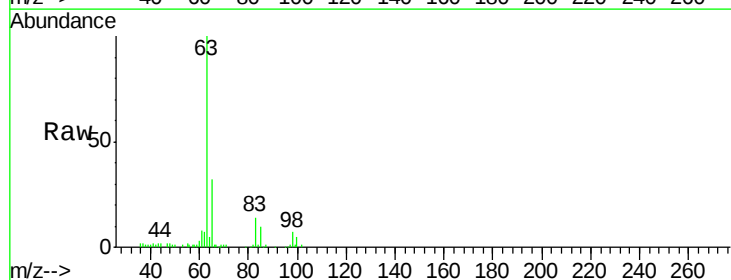
Manual Integrations
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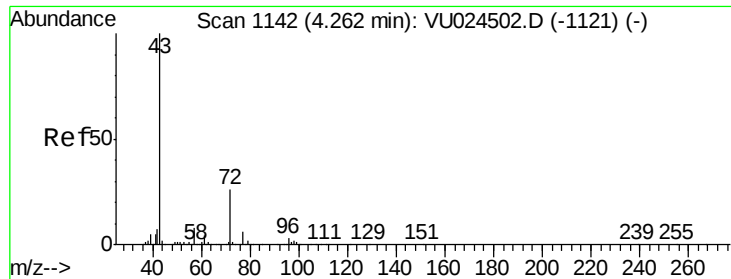
apatel
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#24
 1,1-Dichloroethane
 Concen: 17.979 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.4
100	4.6	1.8	5.5





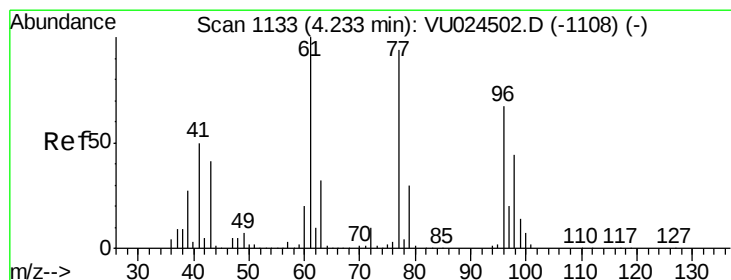
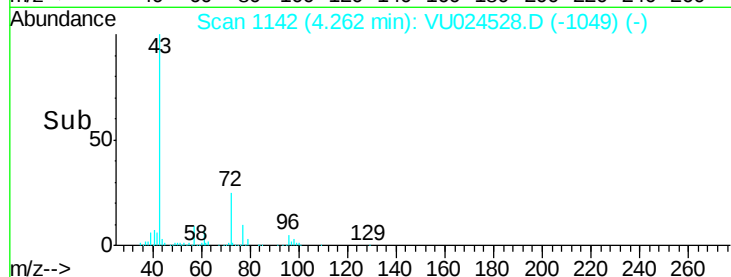
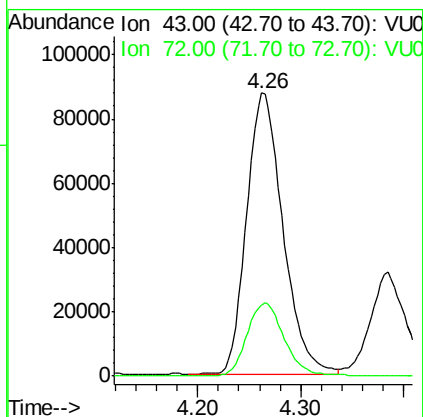
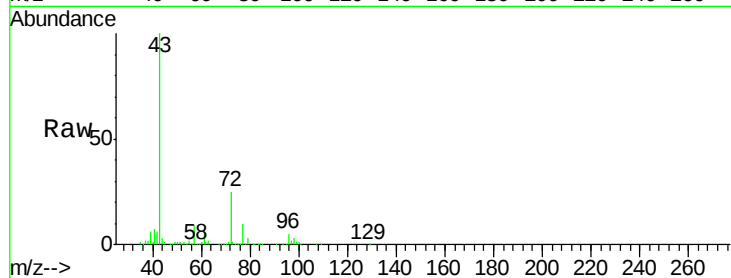
#25
2-Butanone
Concen: 95.562 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion: 43 Resp: 215047
Ion Ratio Lower Upper
43 100
72 25.3 19.6 29.4

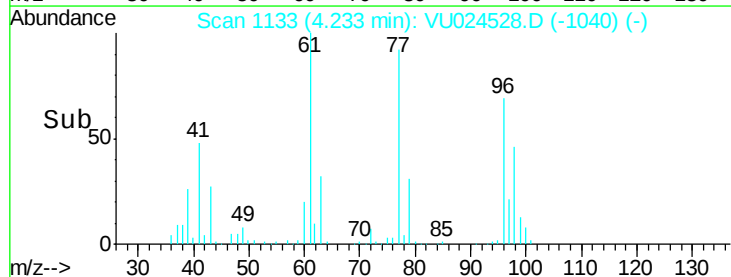
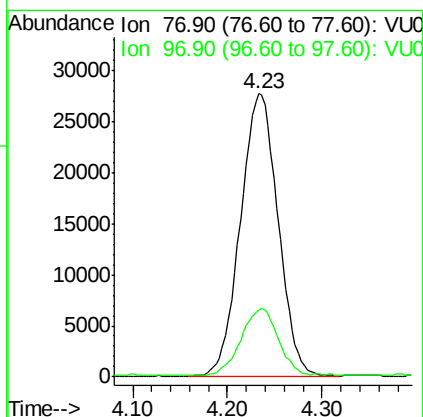
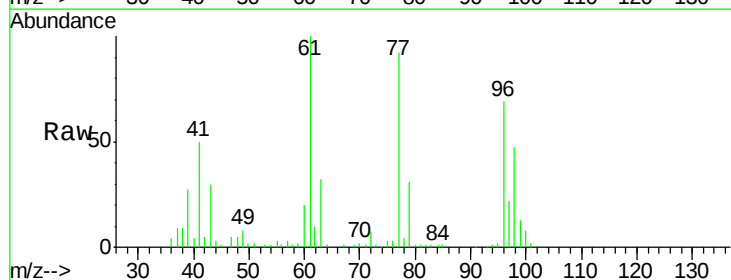
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#26
2,2-Dichloropropane
Concen: 17.581 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 77 Resp: 76875
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





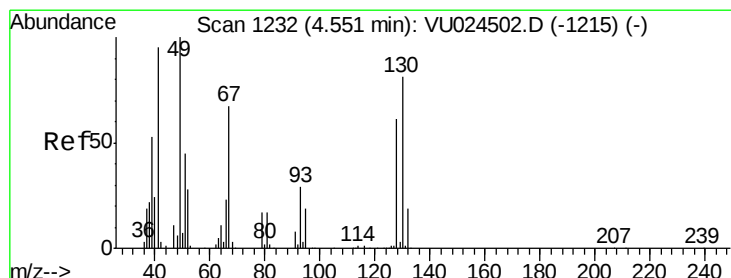
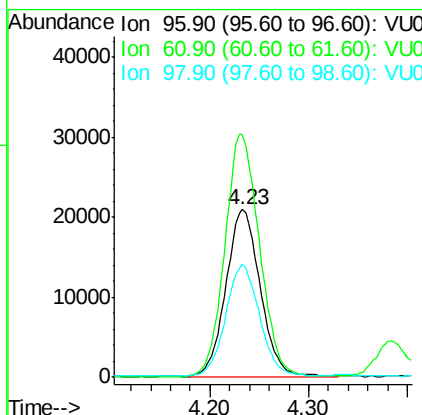
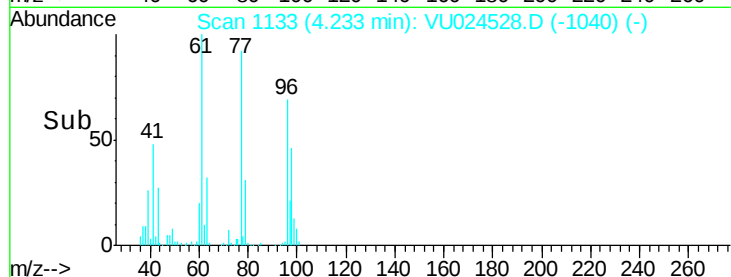
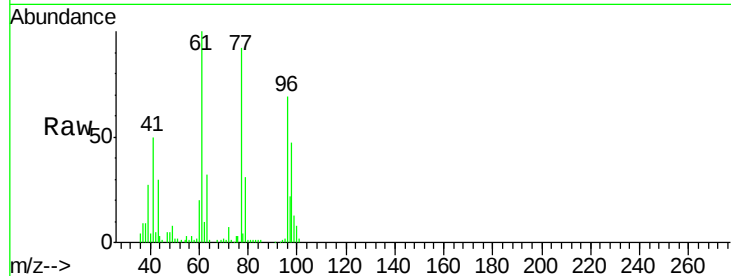
#27
 cis-1,2-Dichloroethene
 Concen: 18.359 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	306.6
98	65.8	0.0	128.8

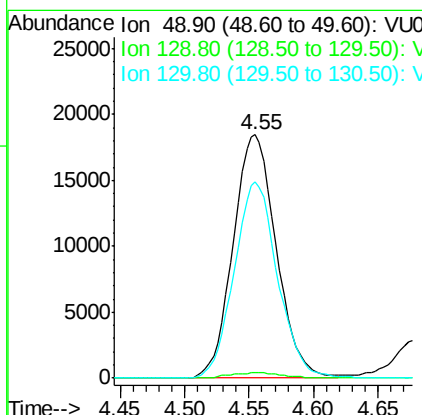
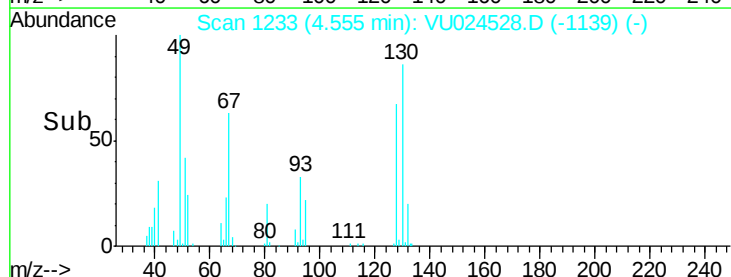
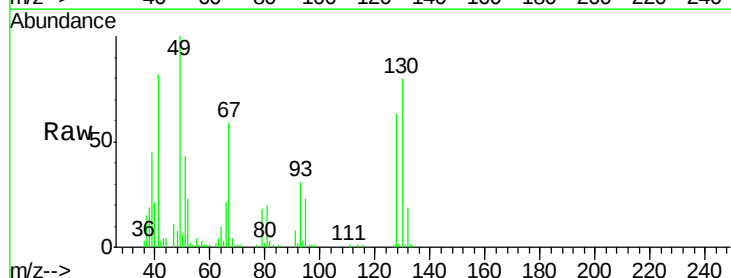
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#28
 Bromochloromethane
 Concen: 21.142 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.8
130	81.2	57.8	86.6





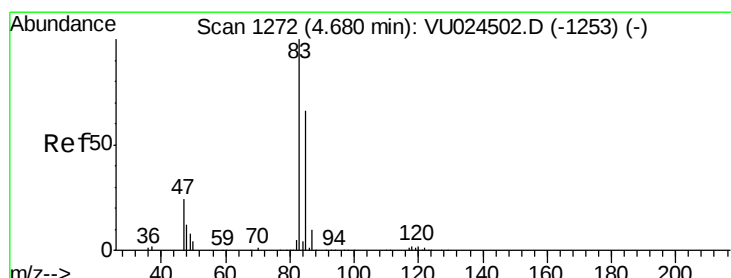
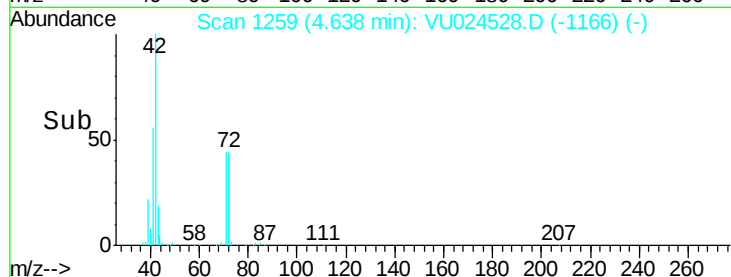
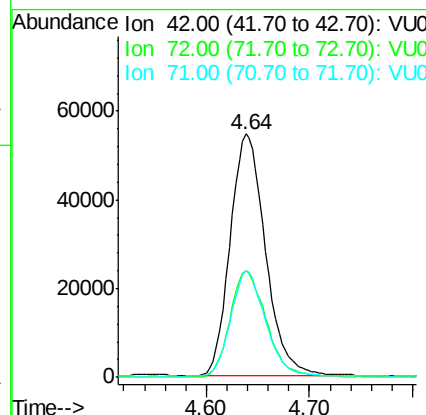
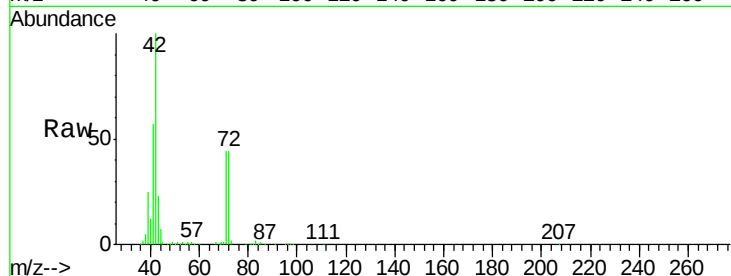
#29
Tetrahydrofuran
Concen: 93.666 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.5	51.7
71	42.7	32.2	48.4

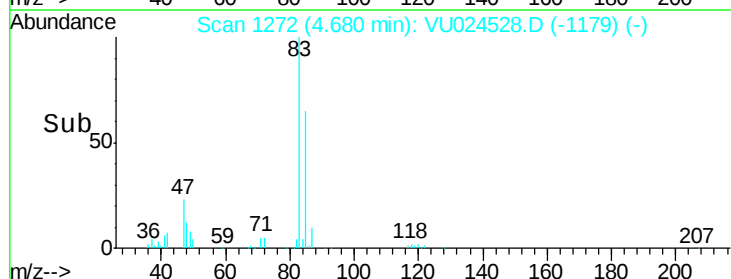
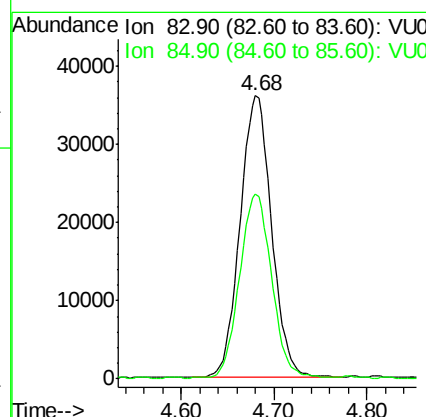
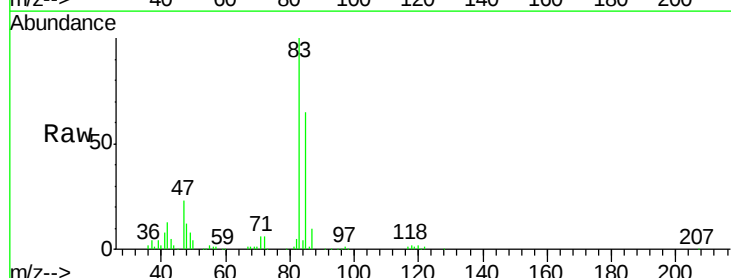
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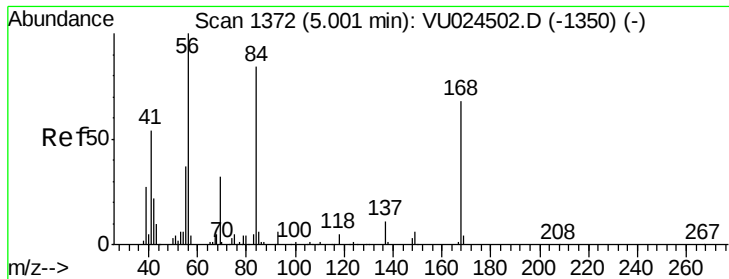
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#30
Chloroform
Concen: 18.256 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





#31

Cyclohexane

Concen: 18.239 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

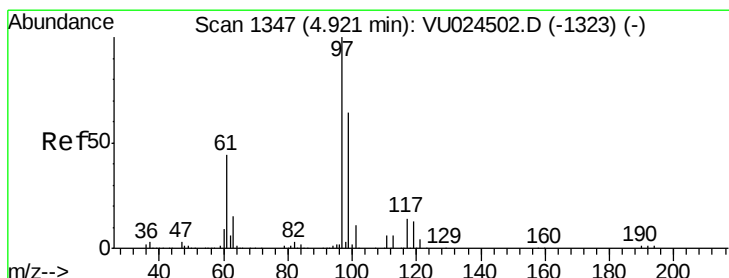
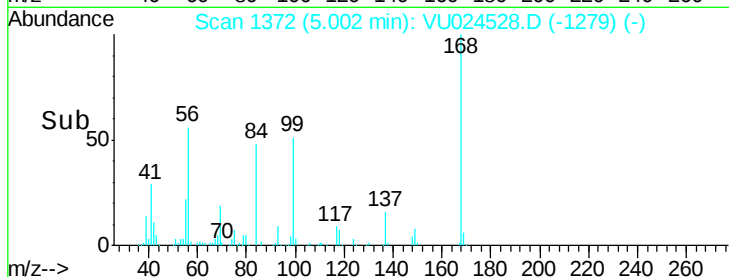
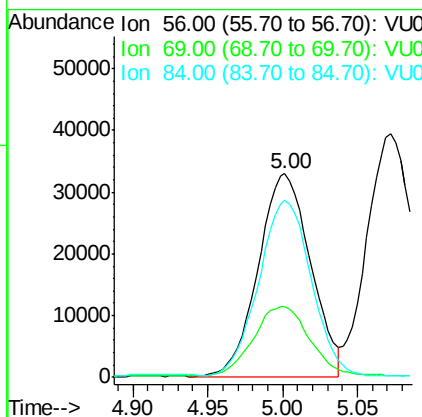
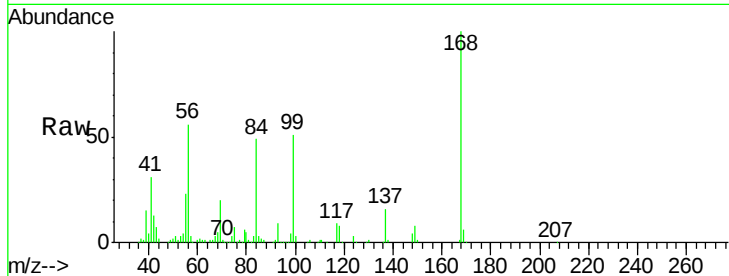
ClientSampled :

VU0614WBS01

Tot Ion:	56	Resp:	79711
Ion Ratio	Lower	Upper	
56	100		
69	34.0	24.8	37.2
84	85.8	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 17.634 ug/l

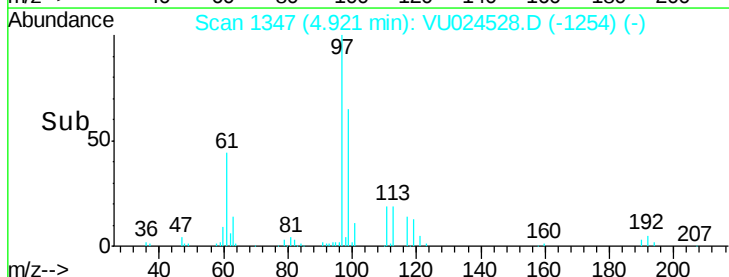
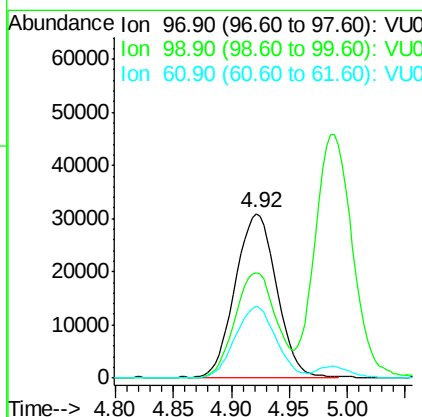
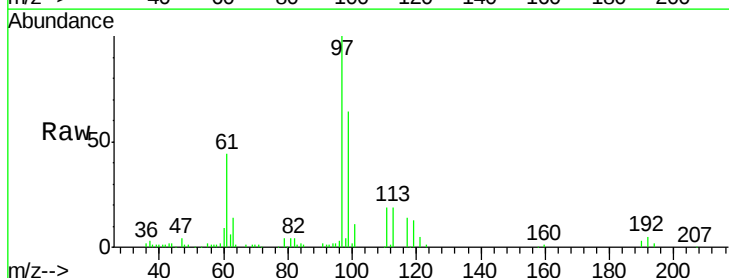
RT: 4.92 min Scan# 1347

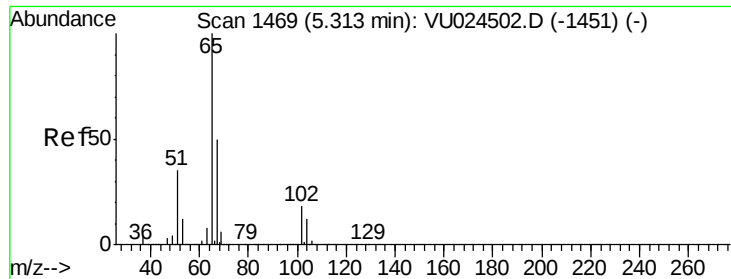
Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	97	Resp:	76002
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.6
61	43.7	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 44.004 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 65 Resp: 137208

Ion Ratio Lower Upper

65 100

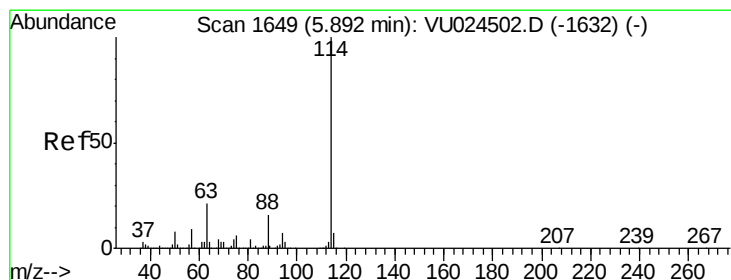
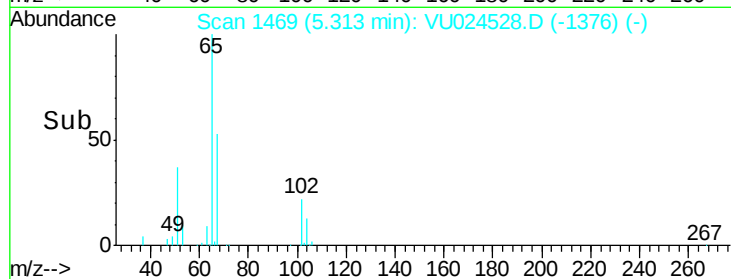
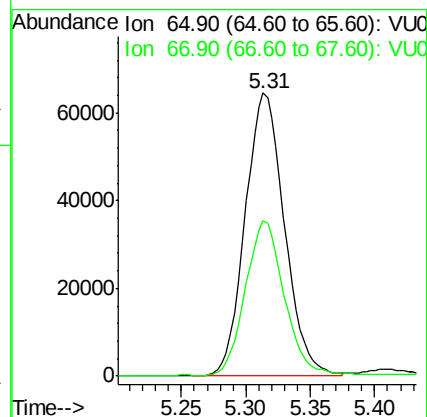
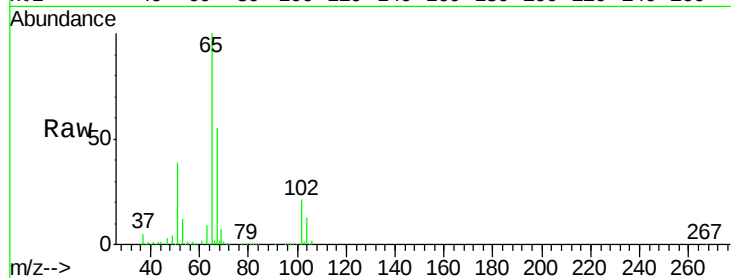
67 53.5 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

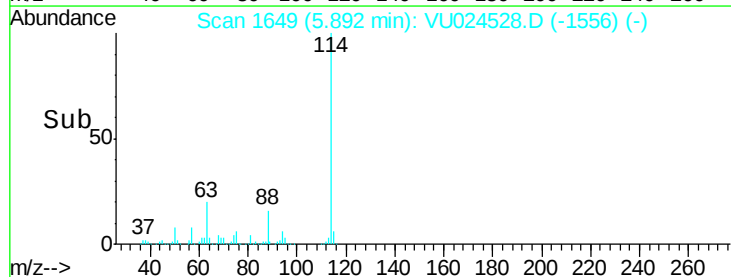
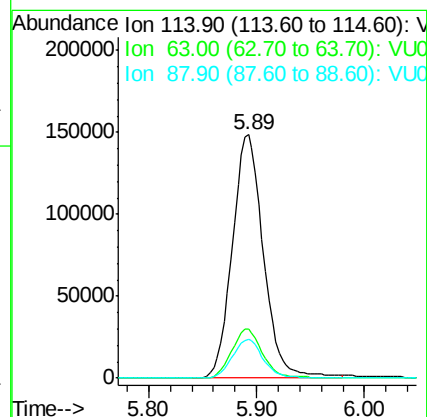
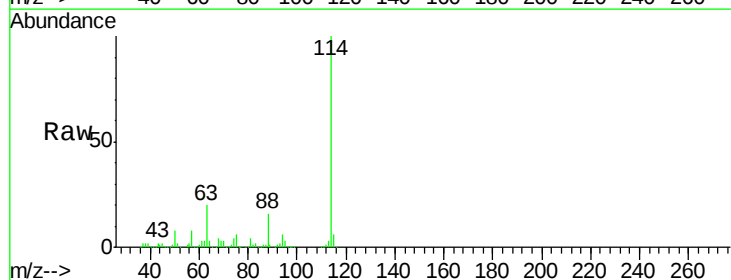
Tgt Ion: 114 Resp: 299060

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

88 15.9 0.0 31.0





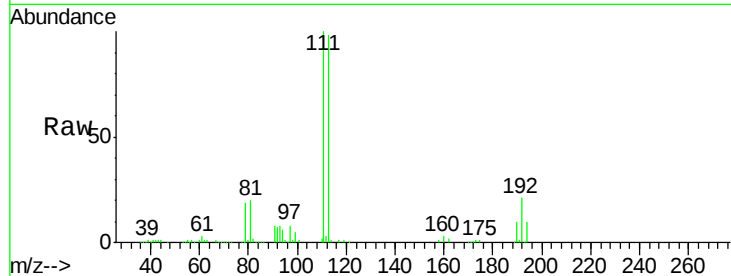
#35
 Dibromofluoromethane
 Concen: 47.986 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

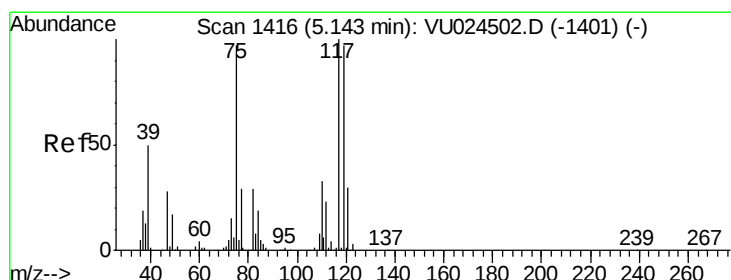
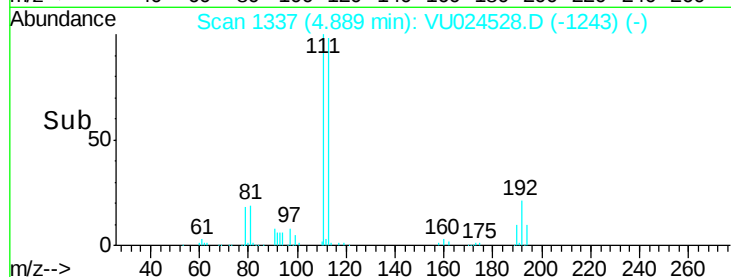
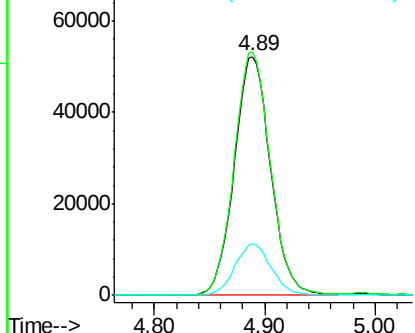
Tot Ion	Ratio	Resp	Lower	Upper
113	100	119099		
111	102.1	82.2	123.4	
192	21.6	16.2	24.4	

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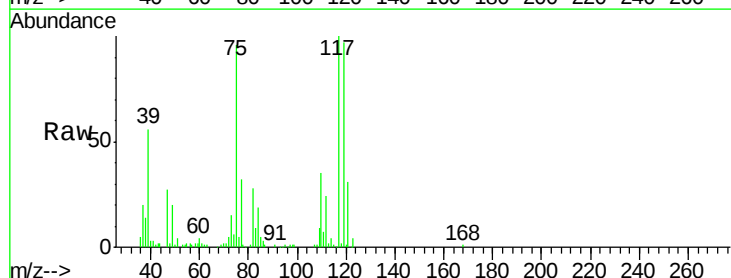


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

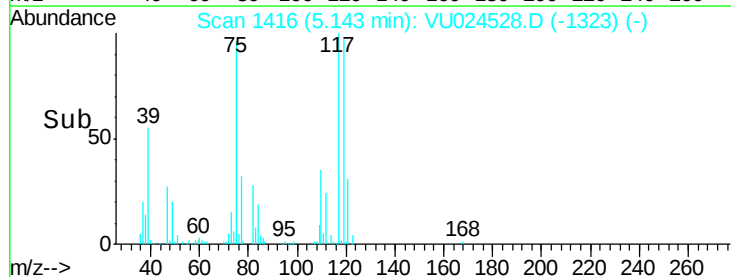
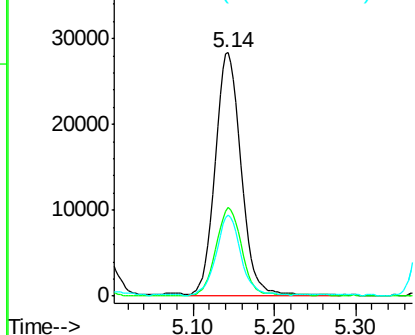


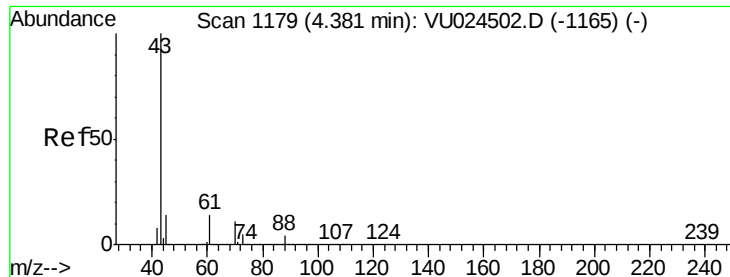
#36
 1,1-Dichloropropene
 Concen: 18.062 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63473		
110	36.6	17.0	50.9	
77	31.4	24.2	36.4	



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





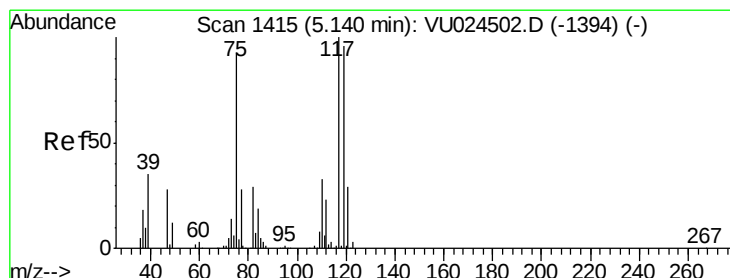
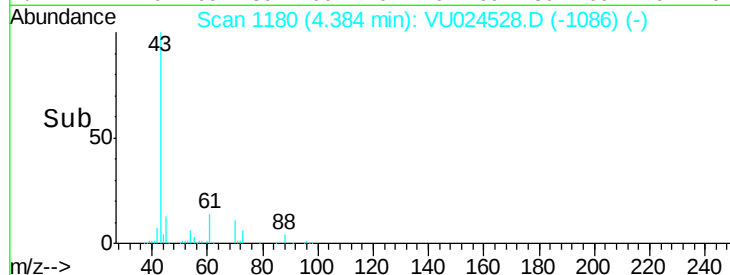
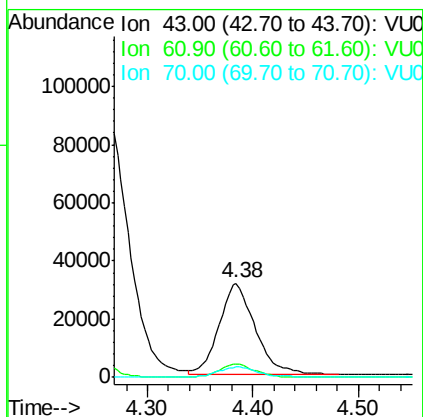
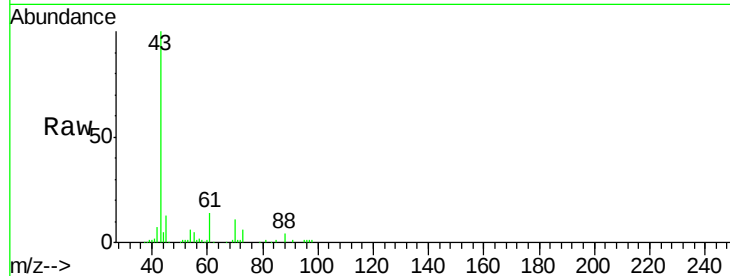
#37
Ethyl Acetate
Concen: 19.534 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampled :
VU0614WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.5	15.7
70	10.8	7.4	11.2

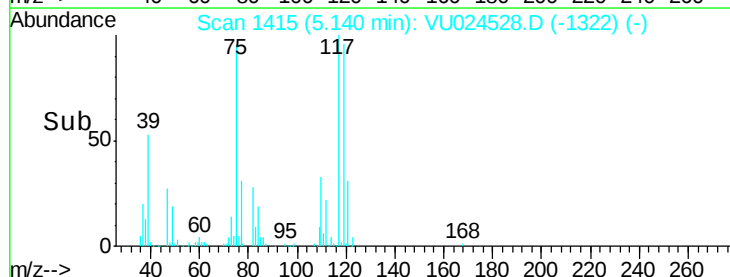
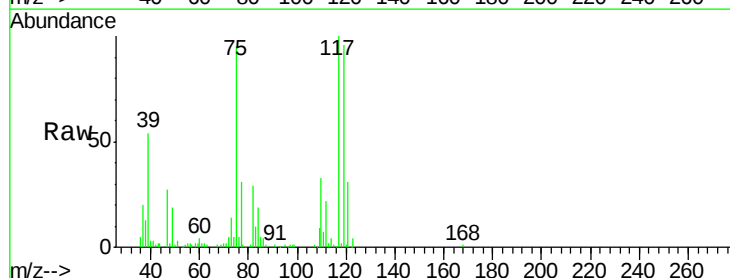
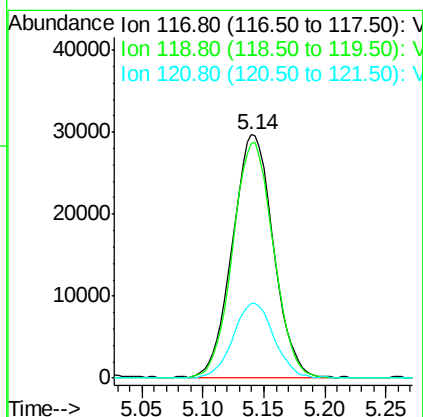
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#38
Carbon Tetrachloride
Concen: 17.717 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.1	114.1
121	30.7	23.7	35.5





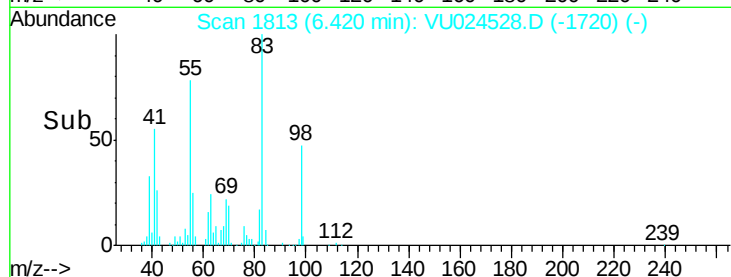
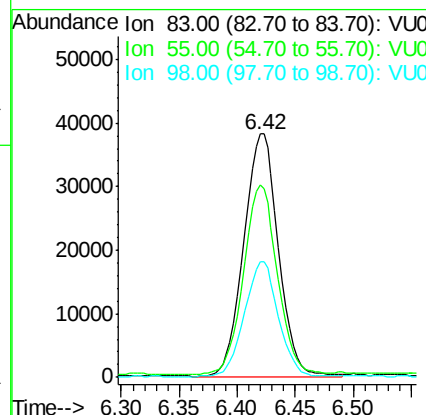
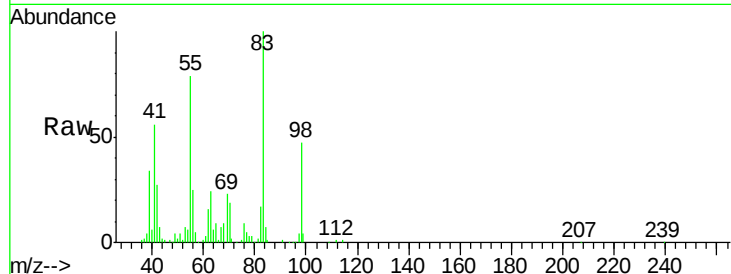
#39
Methvlcvclohexane
Concen: 18.038 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.8	98.6
98	47.1	36.7	55.1

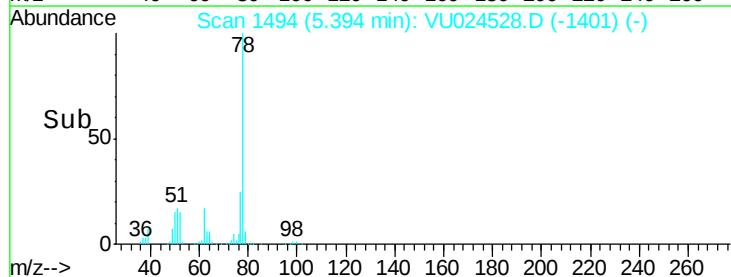
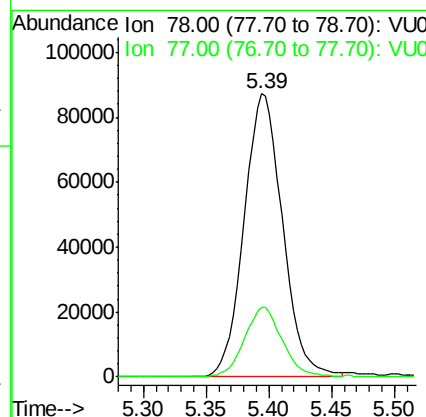
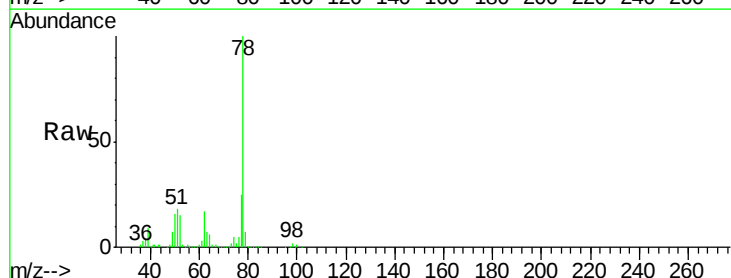
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#40
Benzene
Concen: 18.649 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8





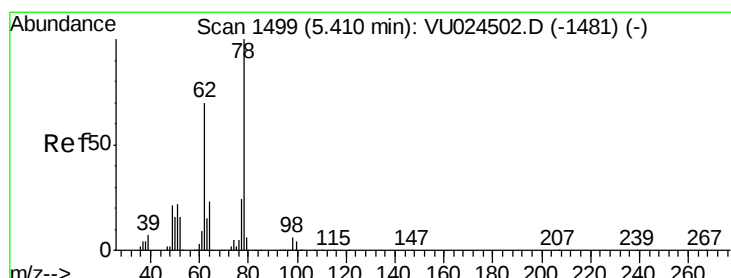
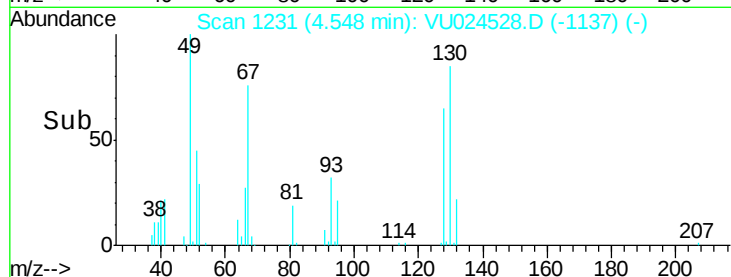
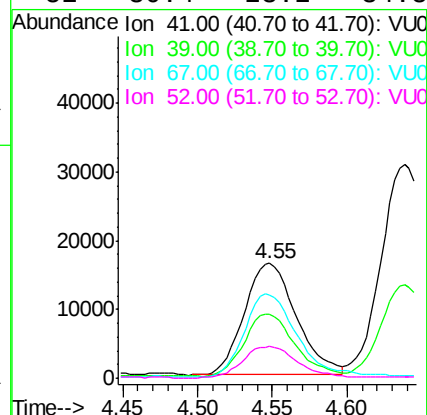
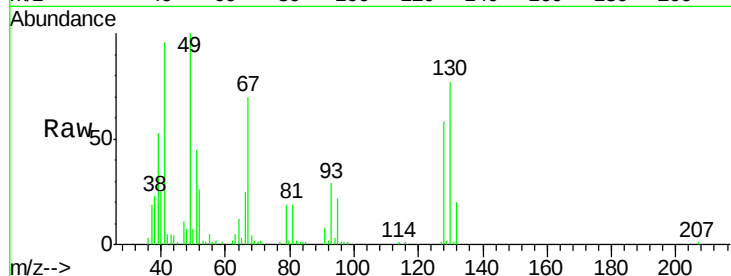
#41
Methacrylonitrile
Concen: 19.075 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.8	65.6
67	76.5	56.3	84.5
52	30.4	23.2	34.8

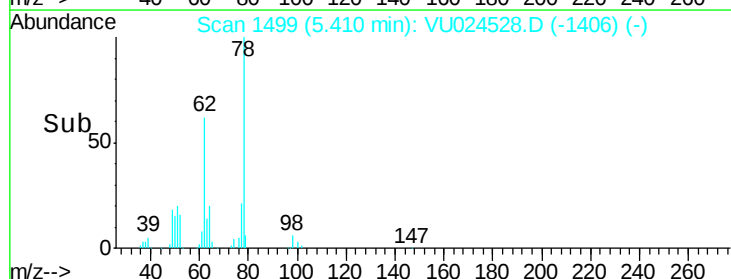
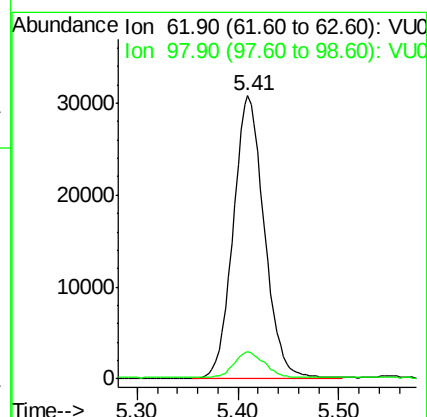
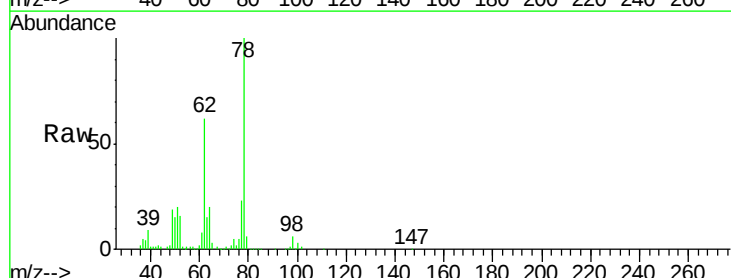
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#42
1,2-Dichloroethane
Concen: 17.424 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.165 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

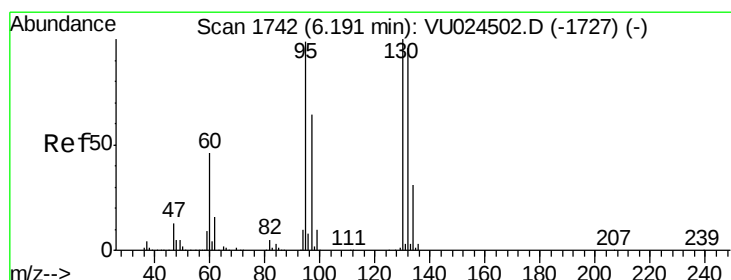
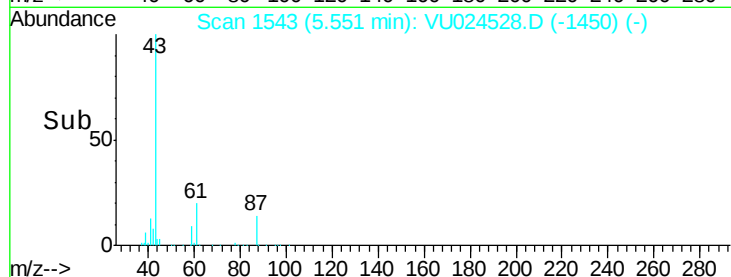
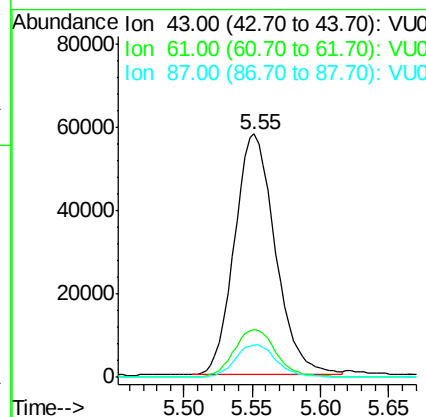
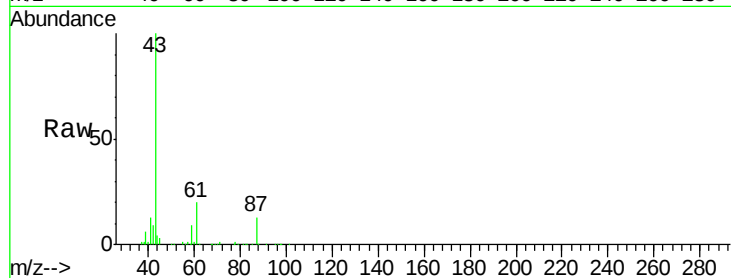
ClientSampleId :

VU0614WBS01

Tot Ion:	43	Resp:	120268
Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.4	23.0
87	13.7	10.0	15.0

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#44

Trichloroethene

Concen: 18.063 ug/l

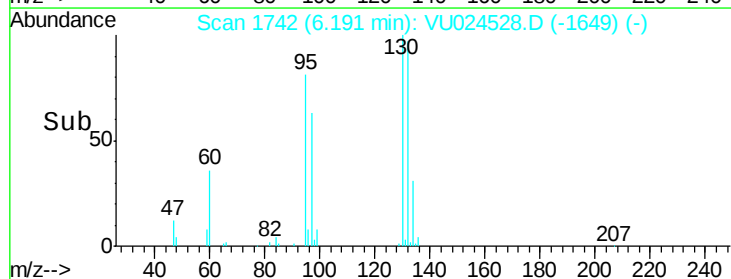
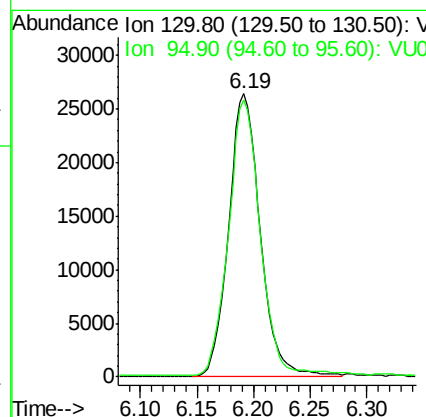
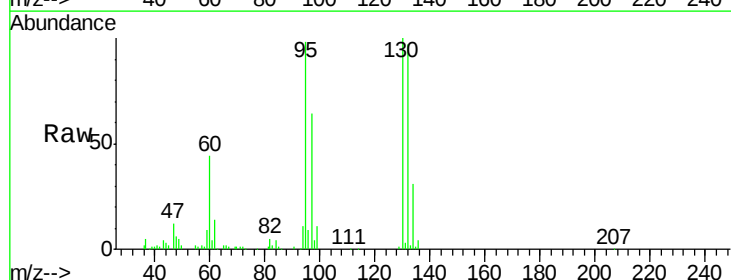
RT: 6.19 min Scan# 1742

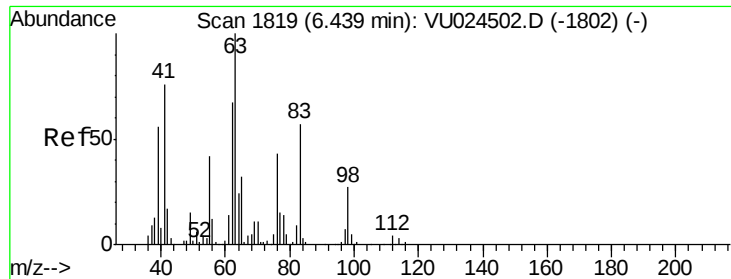
Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	130	Resp:	51477
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	202.4





#45

1,2-Dichloropropane

Concen: 19.167 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 63 Resp: 51211

Ion Ratio Lower Upper

63 100

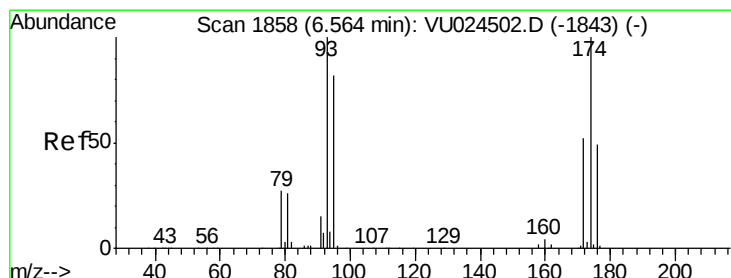
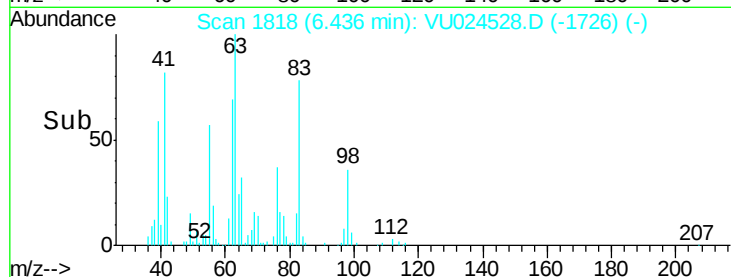
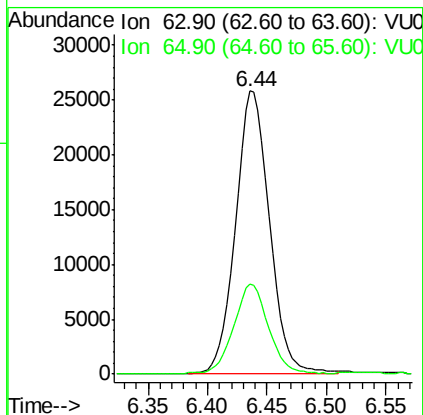
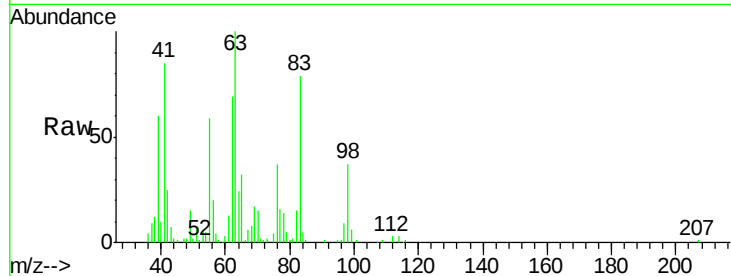
65 31.5 24.8 37.2

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#46

Dibromomethane

Concen: 18.996 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

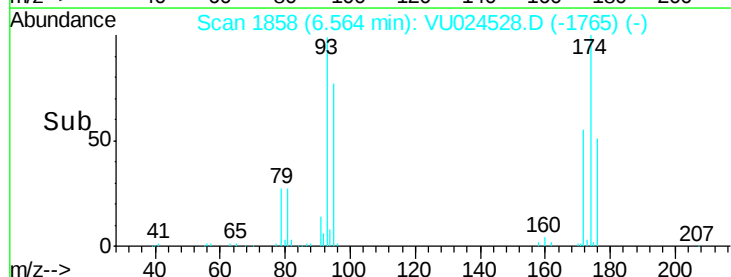
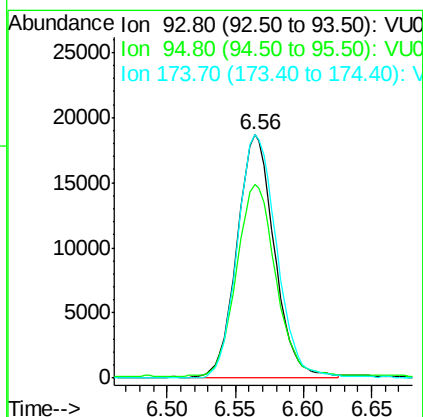
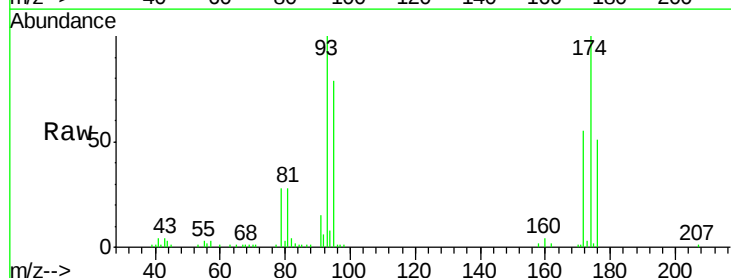
Tgt Ion: 93 Resp: 35651

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

174 104.4 78.7 118.1





#47

Bromodichloromethane

Concen: 18.427 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

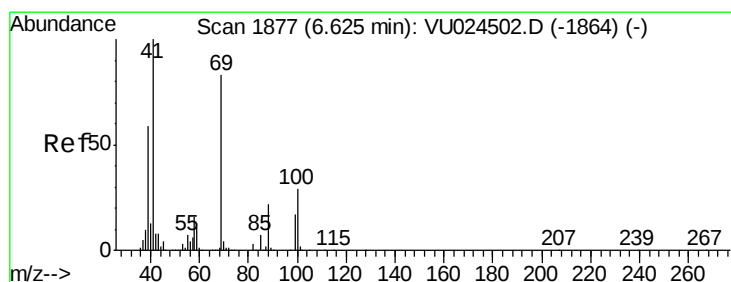
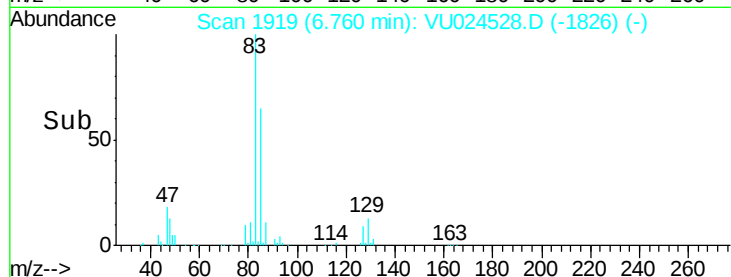
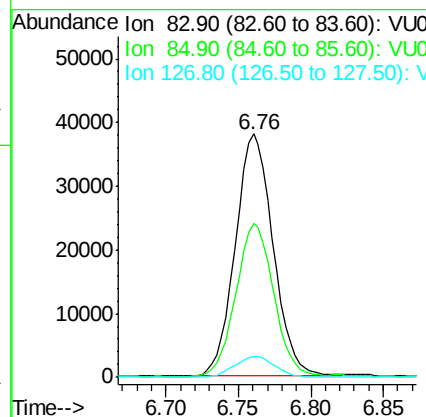
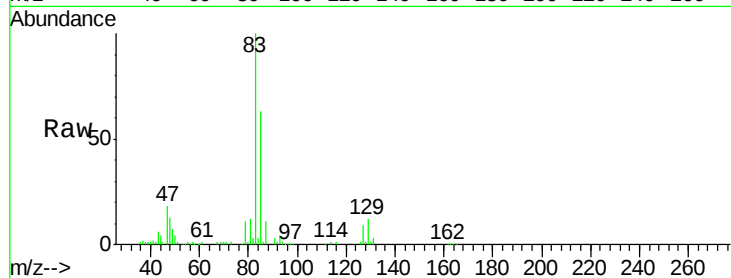
ClientSampleId :

VU0614WBS01

Tot Ion:	83	Resp:	68864
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.9	77.9
127	8.6	6.6	9.8

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#48

Methyl methacrylate

Concen: 18.188 ug/l

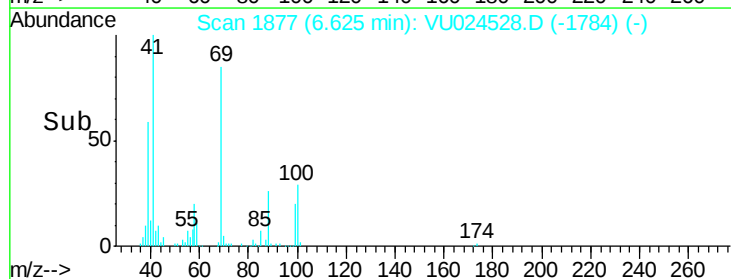
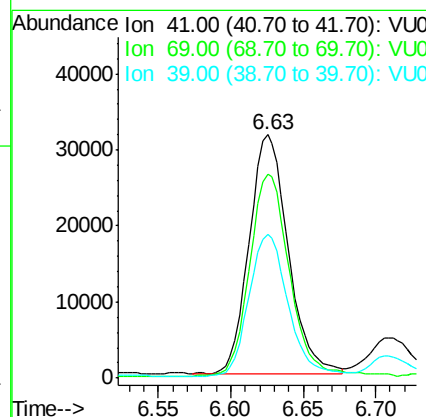
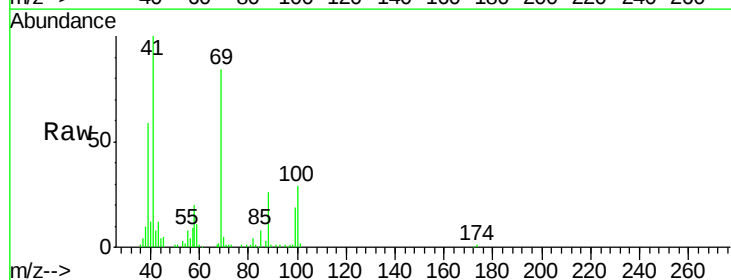
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	41	Resp:	58637
Ion Ratio	Lower	Upper	
41	100		
69	87.5	67.3	100.9
39	59.8	46.5	69.7





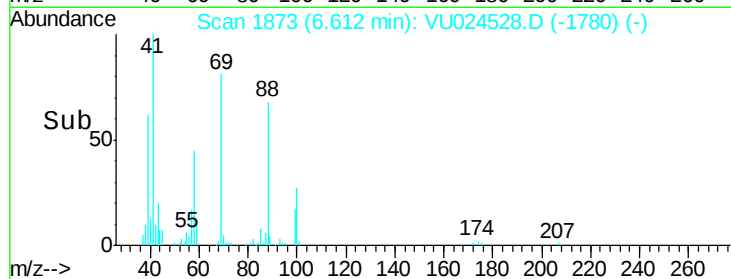
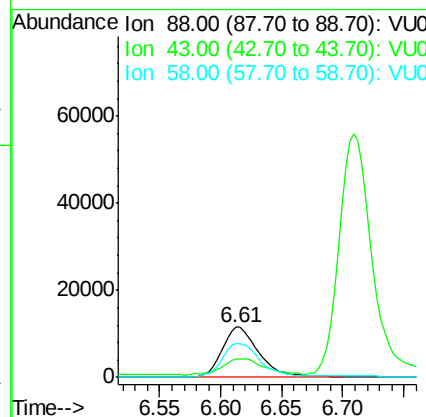
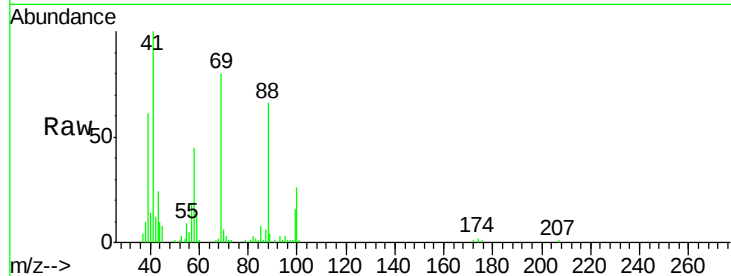
#49
 1,4-Dioxane
 Concen: 386.077 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	42.8
58	70.6	58.2	87.4

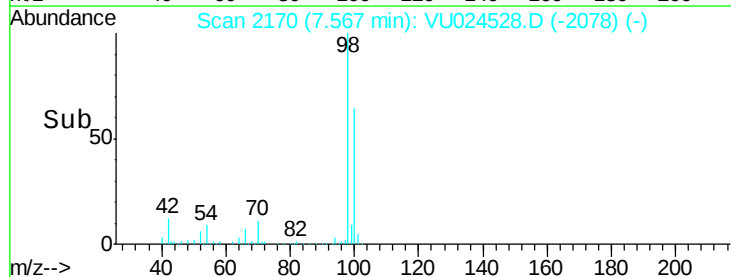
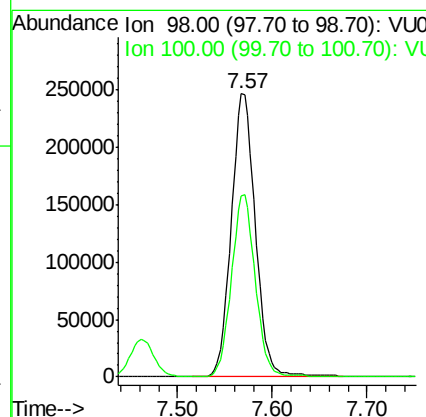
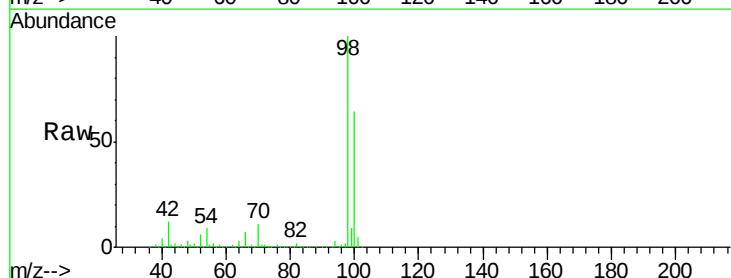
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#50
 Toluene-d8
 Concen: 48.260 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





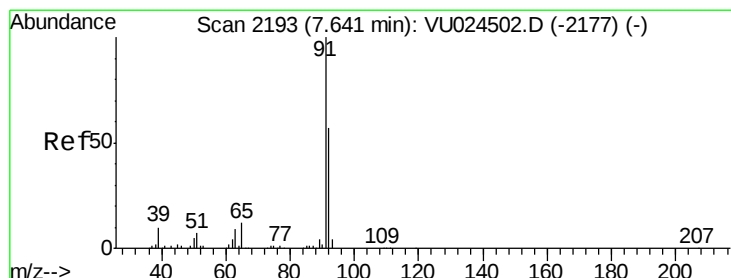
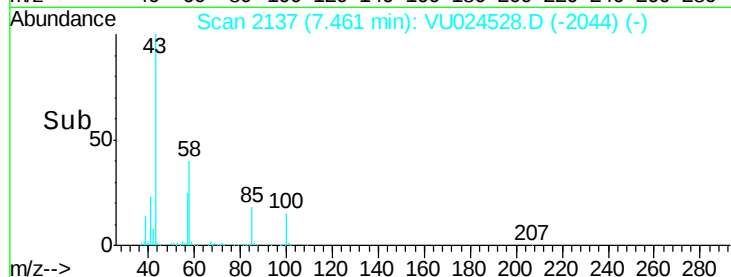
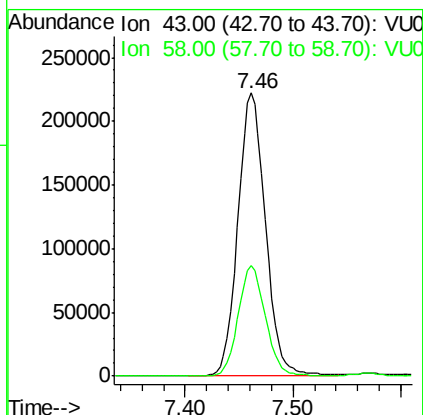
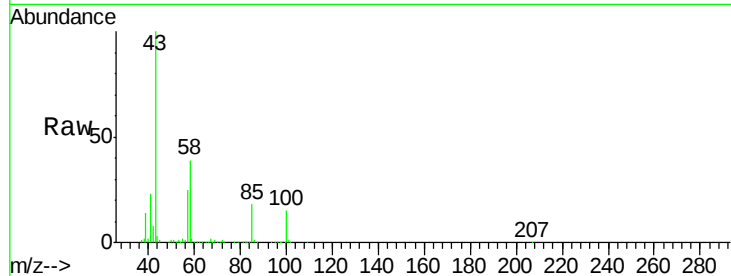
#51
 4-Methyl-2-Pentanone
 Concen: 94.449 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.0	45.0

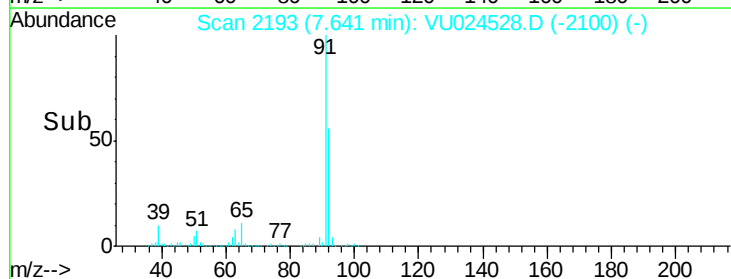
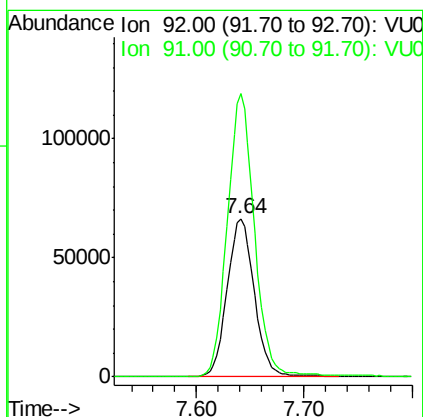
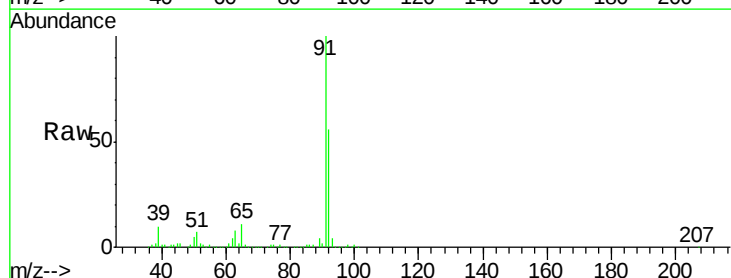
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#52
 Toluene
 Concen: 18.240 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.8	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 18.344 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tot Ion: 75 Resp: 76987

Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2

Instrument :

MSVOA_U

ClientSampled :

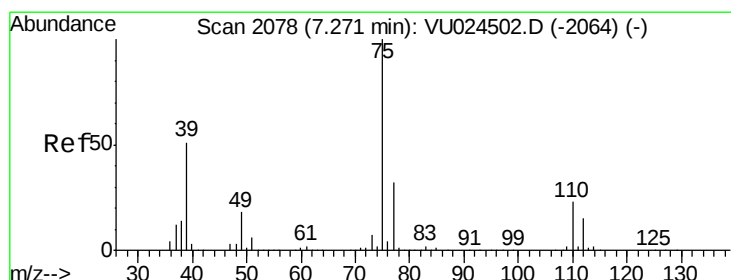
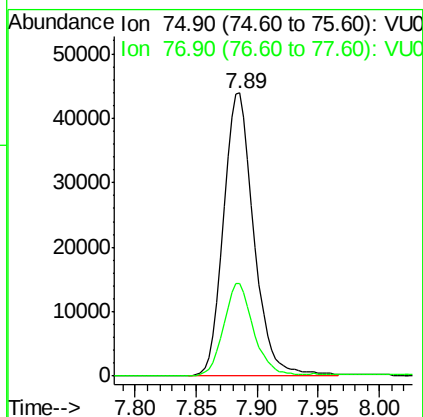
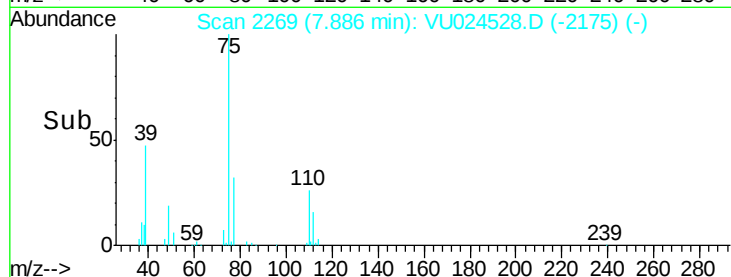
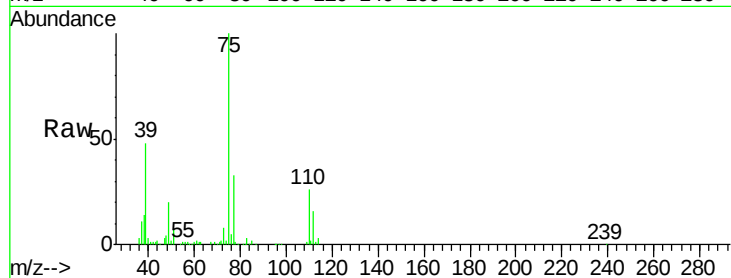
VU0614WBS01

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#54

cis-1,3-Dichloropropene

Concen: 18.120 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

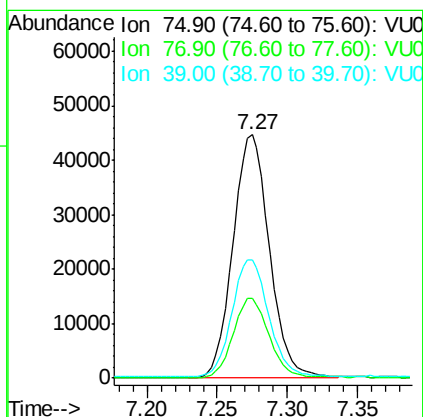
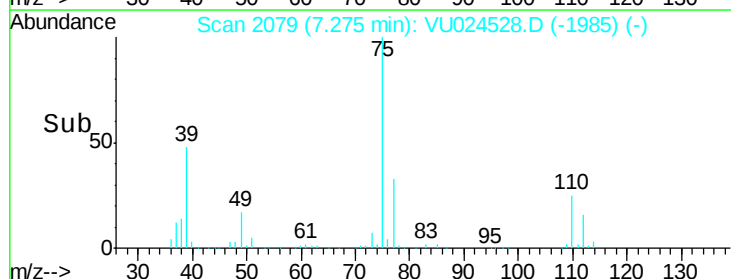
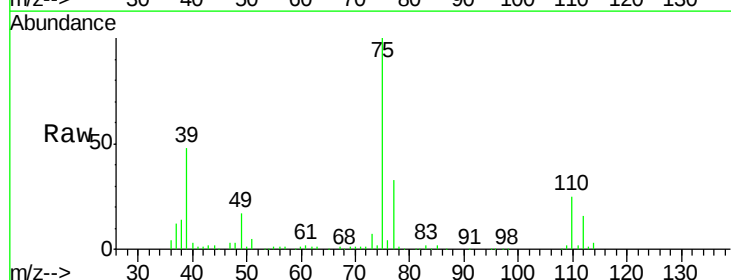
Tgt Ion: 75 Resp: 81031

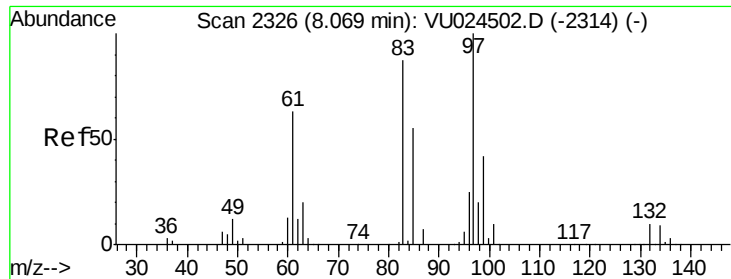
Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

39 47.8 39.8 59.6





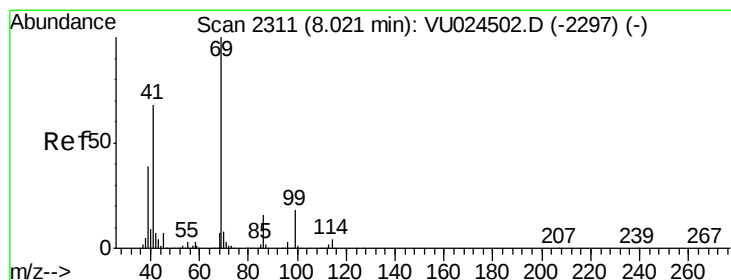
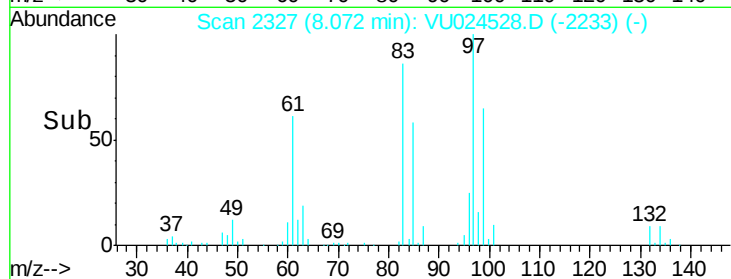
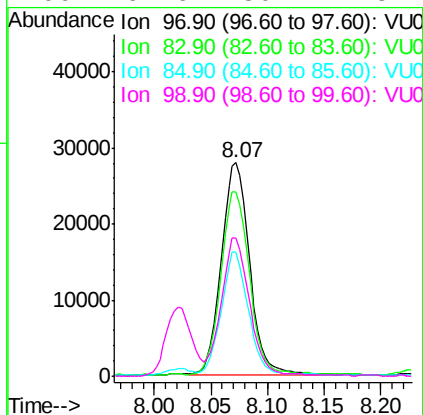
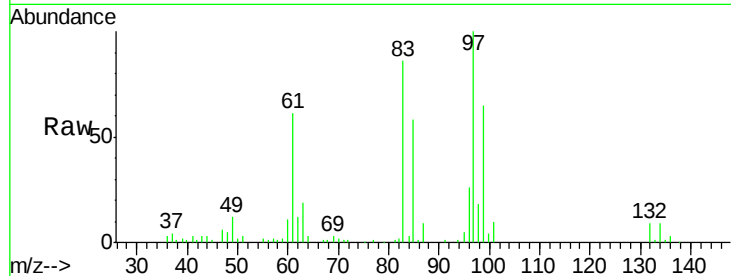
#55
 1,1,2-Trichloroethane
 Concen: 18.443 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion:	97	Resp:	48298
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.5	105.7
85	57.6	46.4	69.6
99	64.6	50.2	75.2

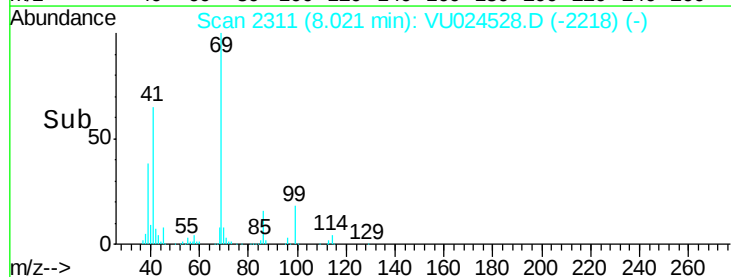
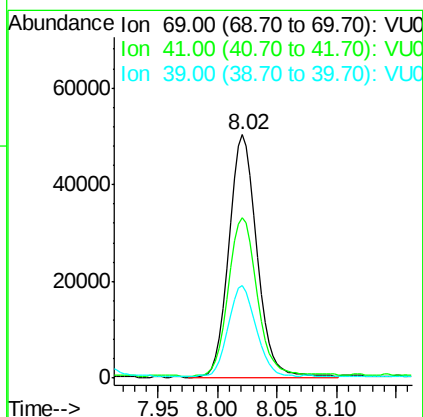
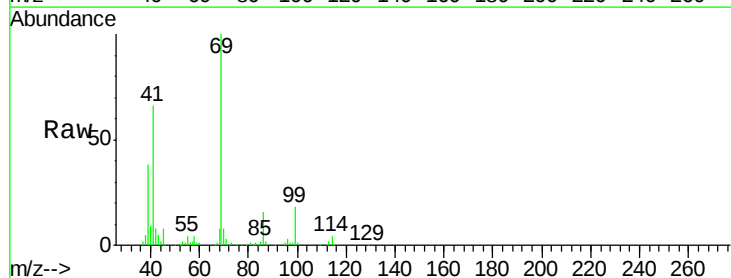
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#56
 Ethyl methacrylate
 Concen: 18.633 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion:	69	Resp:	81670
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.1	81.1
39	37.5	30.3	45.5





#57

1,3-Dichloropropane

Concen: 18.495 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 76 Resp: 81705

Ion Ratio Lower Upper

76 100

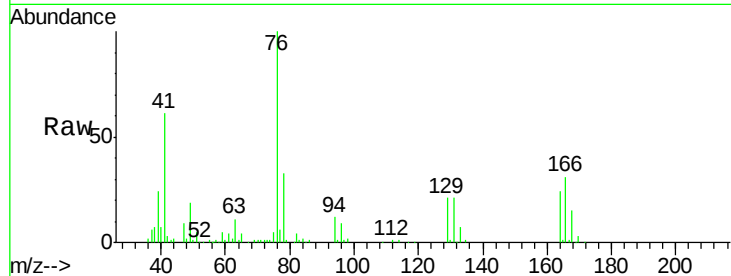
78 33.0 25.2 37.8

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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

50000

40000

30000

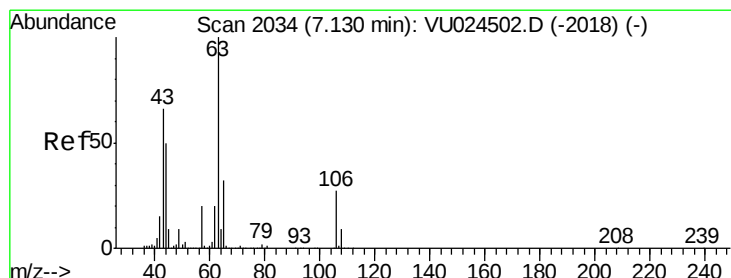
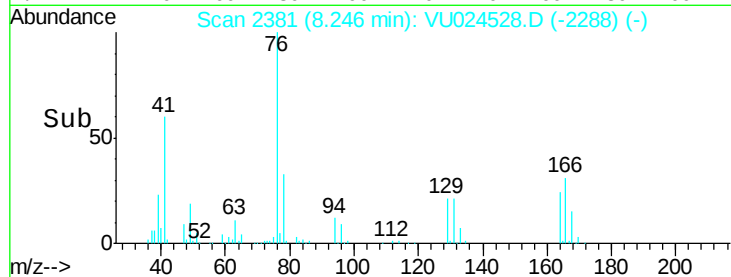
20000

10000

0

8.20 8.25 8.30

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.886 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024528.D

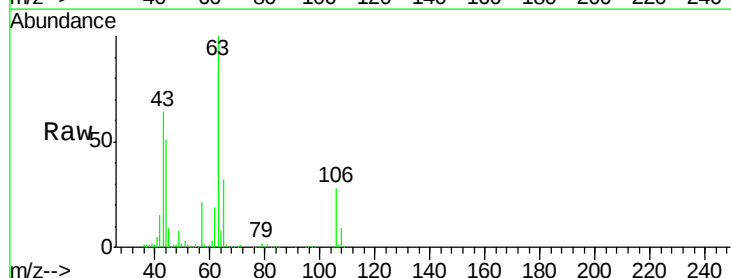
Acq: 14 Jun 2018 10:43

Tgt Ion: 63 Resp: 167727

Ion Ratio Lower Upper

63 100

106 27.1 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

100000

80000

60000

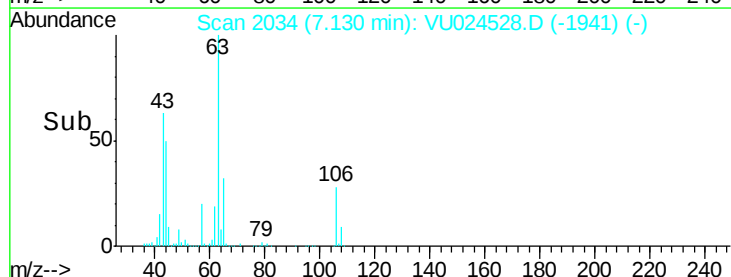
40000

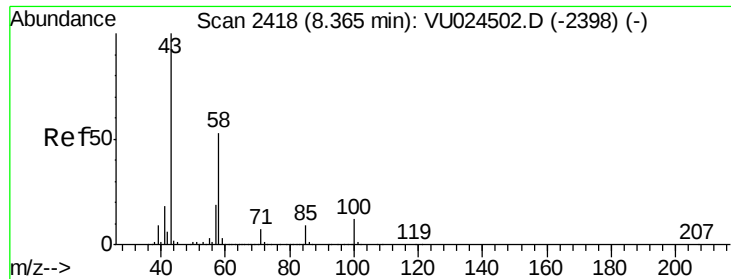
20000

0

7.10 7.20

Time-->





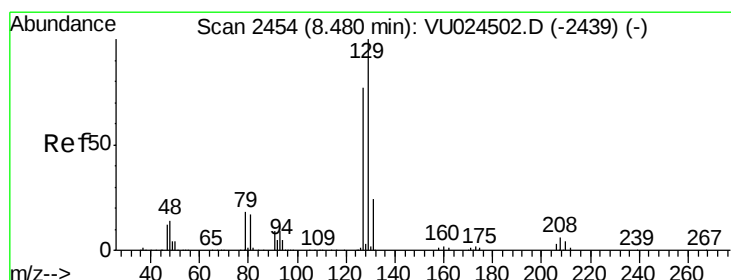
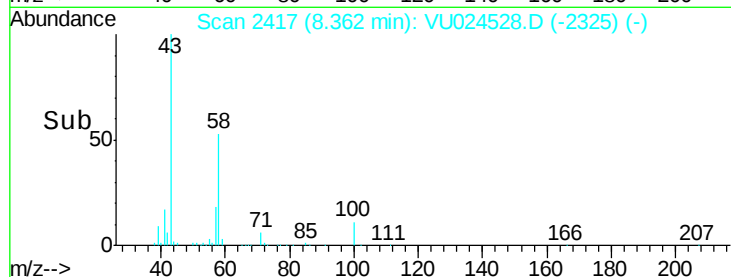
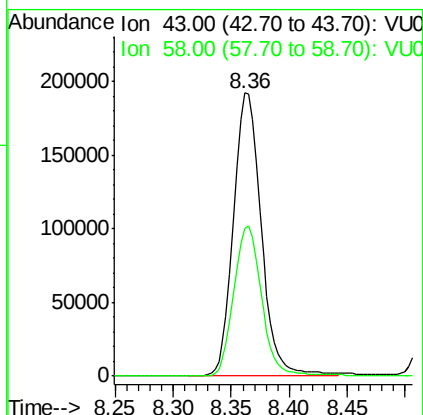
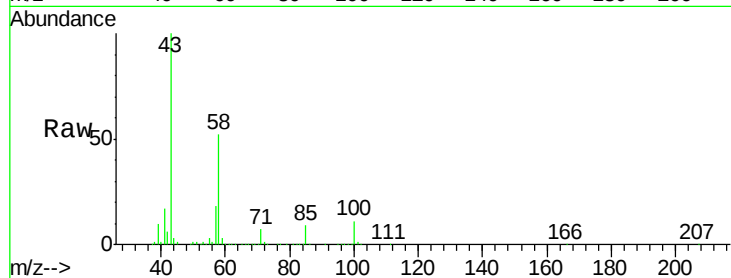
#59
2-Hexanone
Concen: 93.112 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion: 43 Resp: 316189
Ion Ratio Lower Upper
43 100
58 53.7 26.4 79.0

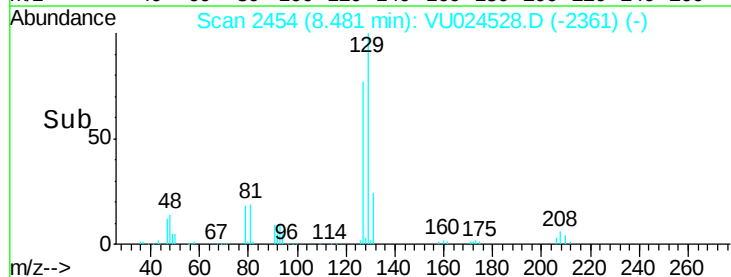
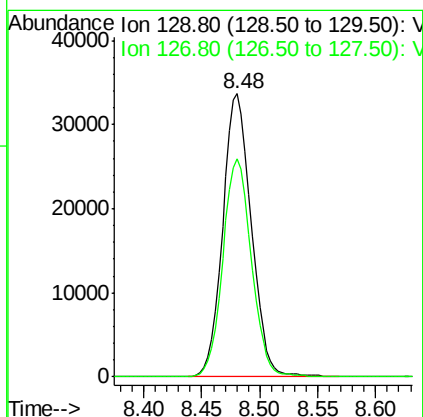
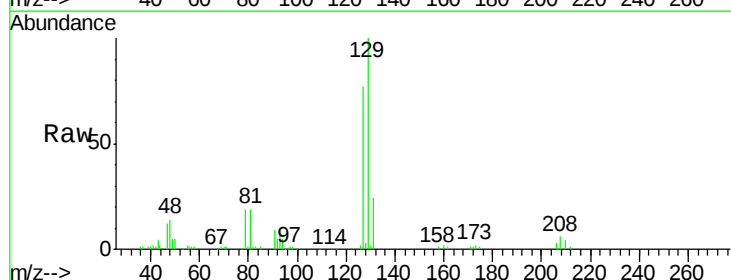
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#60
Dibromochloromethane
Concen: 17.688 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 129 Resp: 57762
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





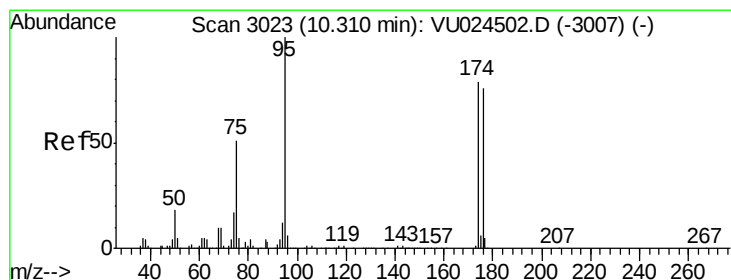
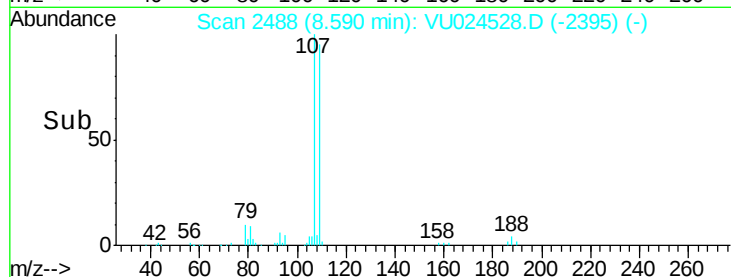
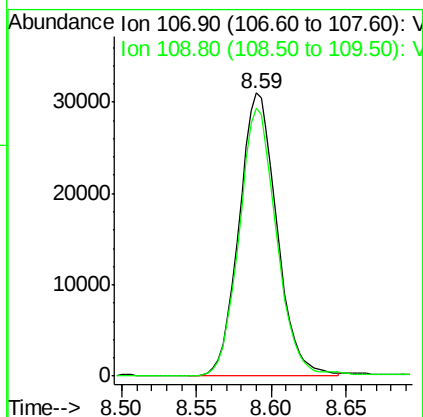
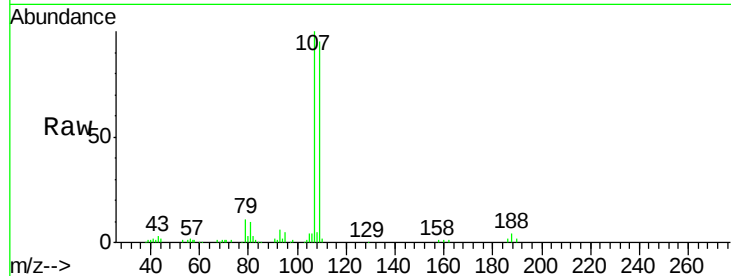
#61
 1,2-Dibromoethane
 Concen: 18.707 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	74.5	111.7

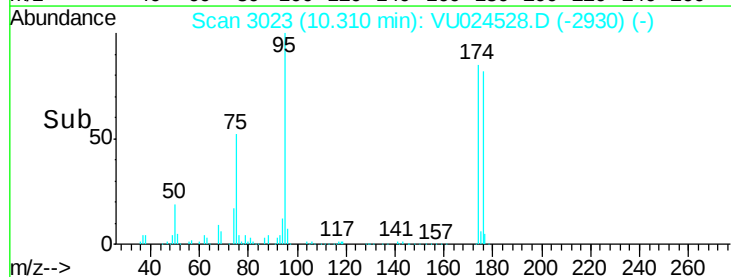
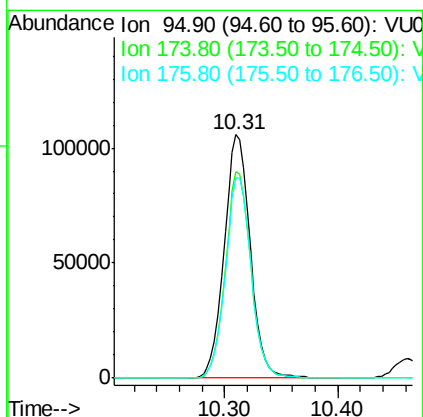
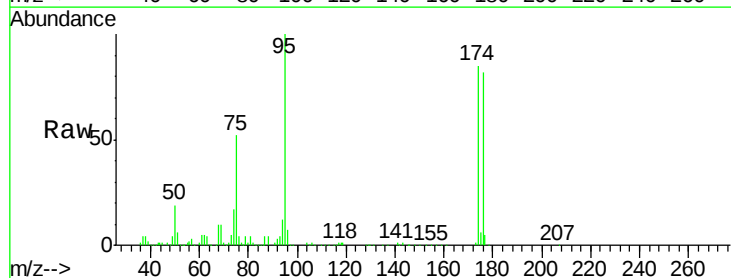
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#62
 4-Bromofluorobenzene
 Concen: 46.933 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	165.8
176	81.6	0.0	159.4





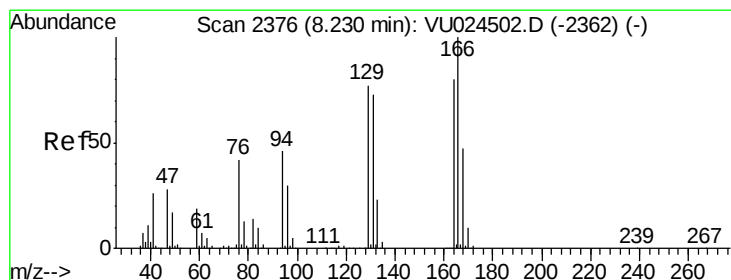
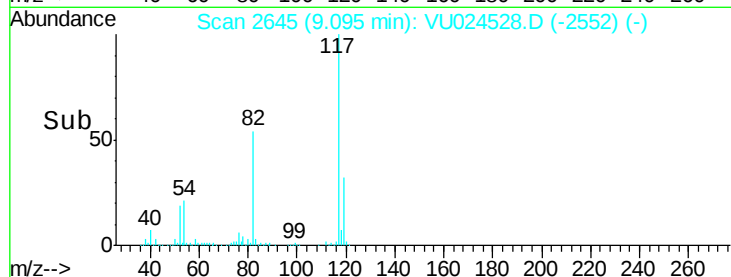
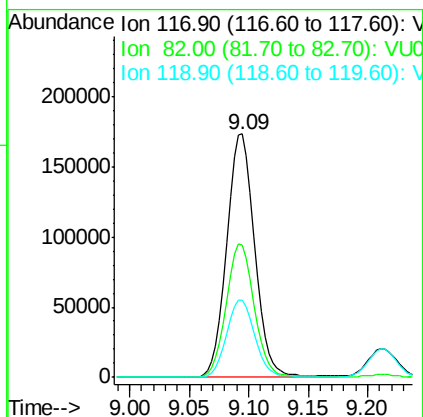
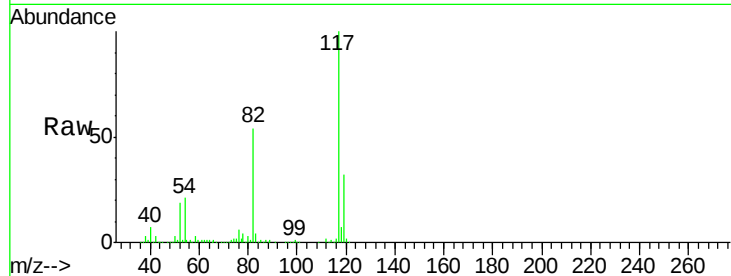
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	284501		
82	54.2		44.3	66.5
119	31.8		25.4	38.2

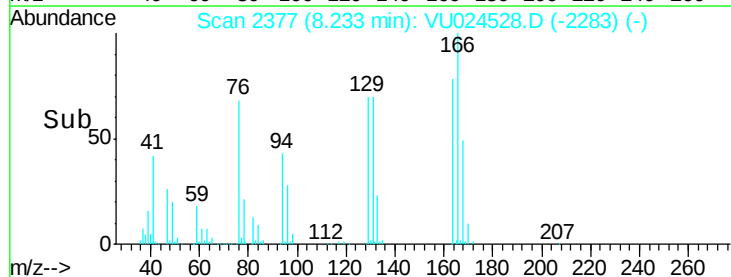
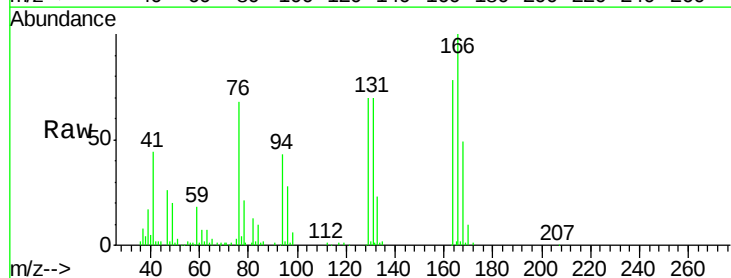
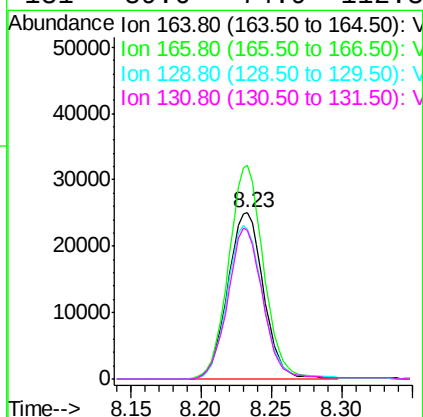
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#64
Tetrachloroethene
Concen: 16.399 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44348		
166	128.5		101.7	152.5
129	89.8		76.9	115.3
131	89.6		74.9	112.3





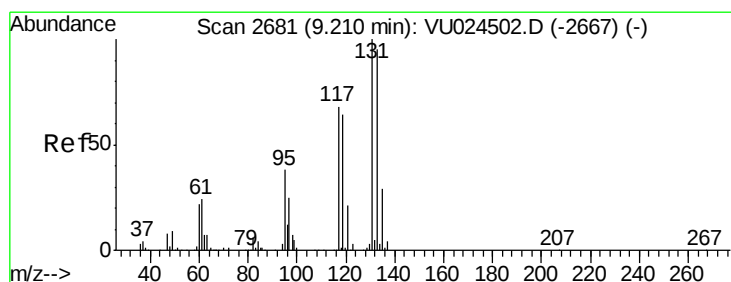
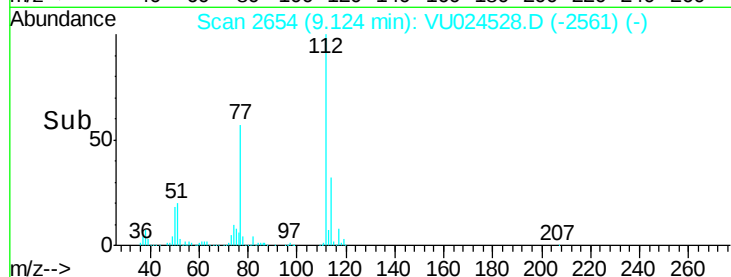
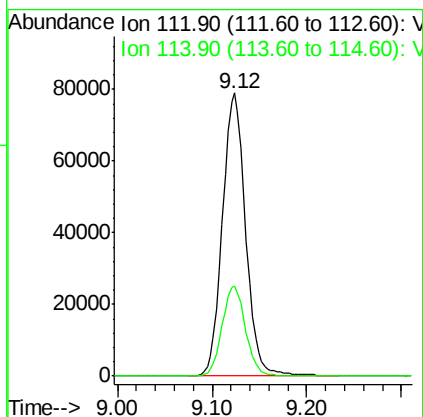
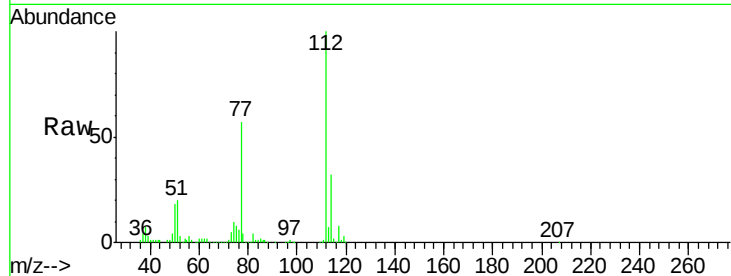
#65
Chlorobenzene
Concen: 18.562 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion:112 Resp: 134907
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

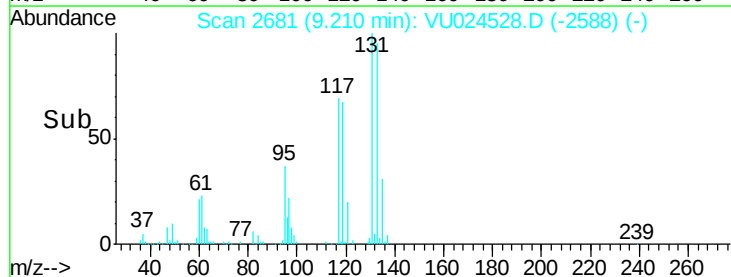
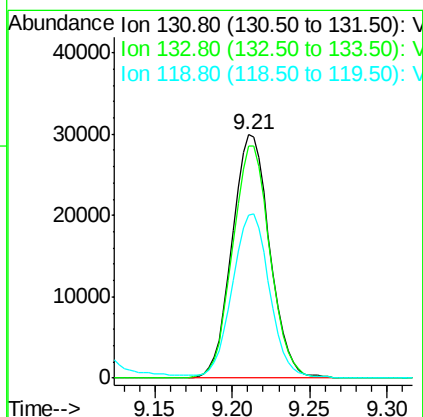
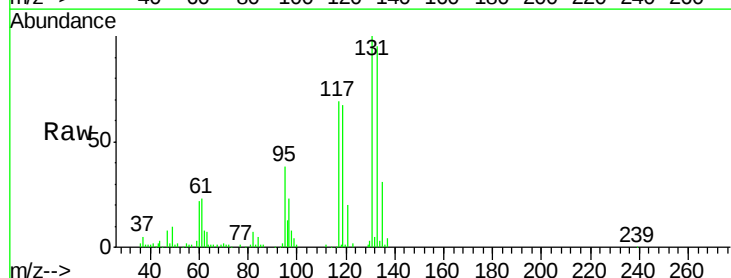
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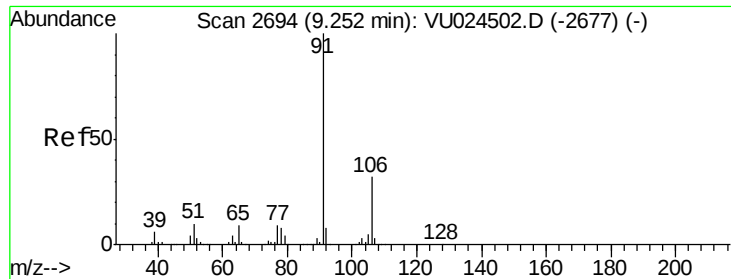
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.321 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion:131 Resp: 50589
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.8
119 67.3 33.5 100.4





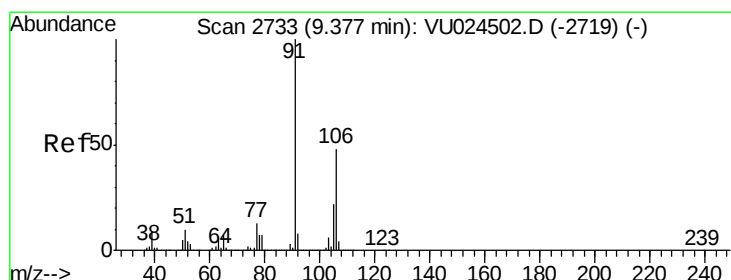
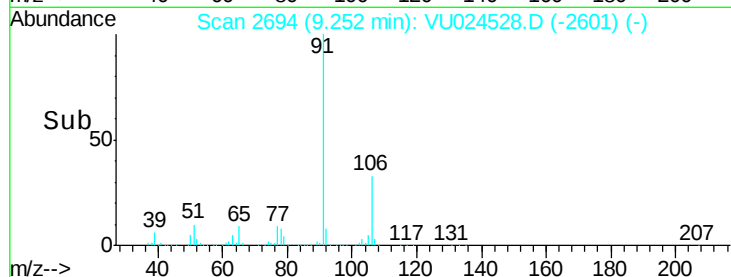
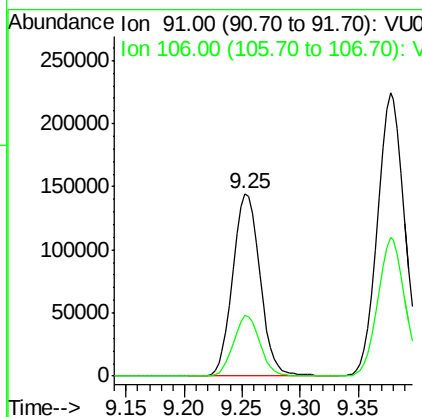
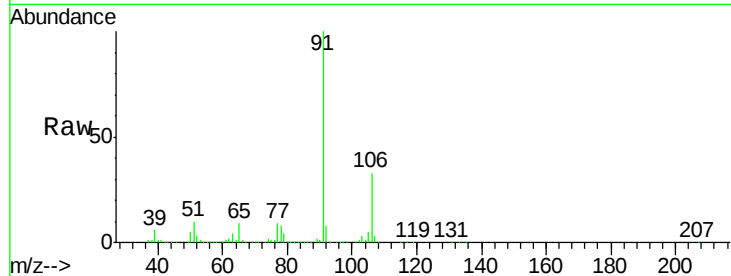
#67
Ethyl Benzene
Concen: 18.482 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampled :
VU0614WBS01

Tot Ion: 91 Resp: 235484
Ion Ratio Lower Upper
91 100
106 32.9 24.2 36.4

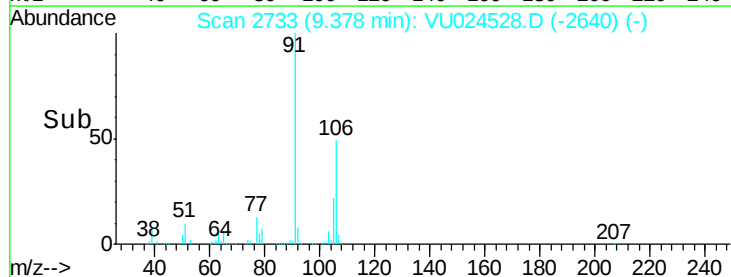
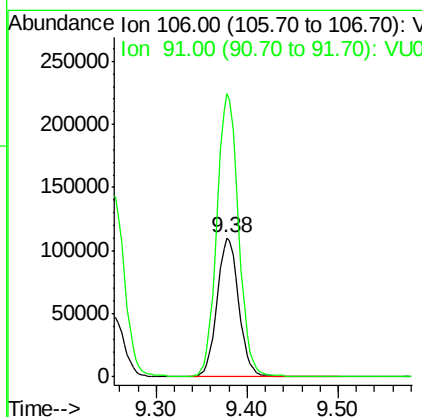
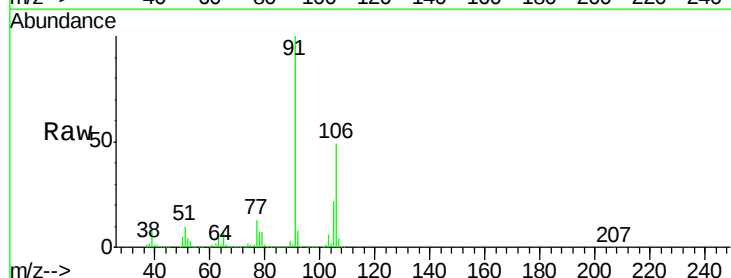
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#68
m/p-Xylenes
Concen: 37.340 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion: 106 Resp: 182694
Ion Ratio Lower Upper
106 100
91 203.4 166.5 249.7





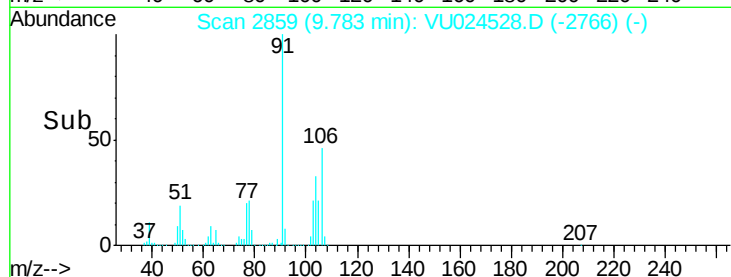
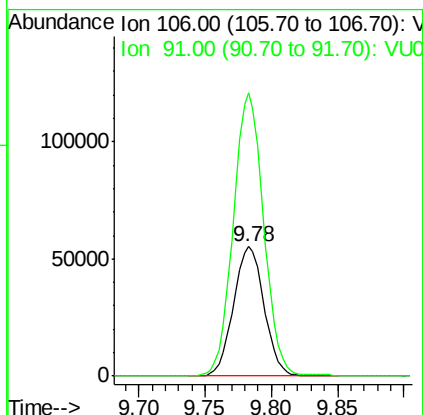
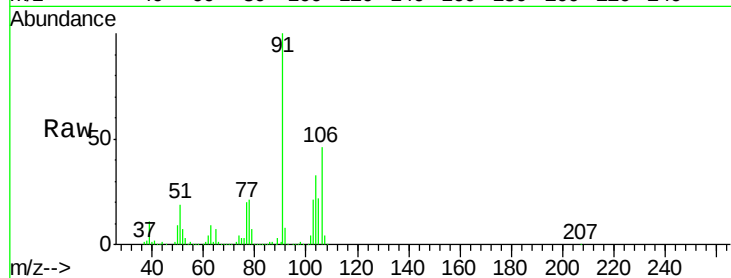
#69
o-Xylene
Concen: 18.416 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampled :
VU0614WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.0	110.7	331.9	

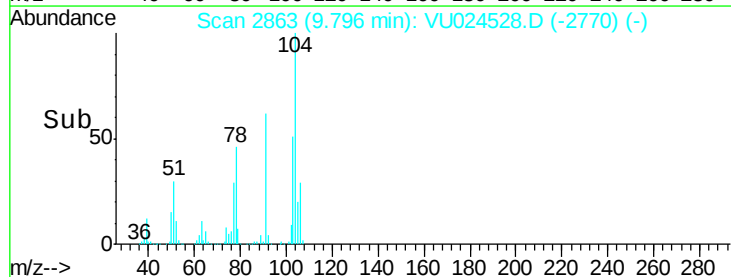
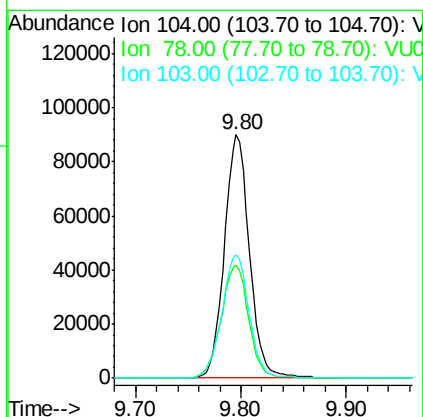
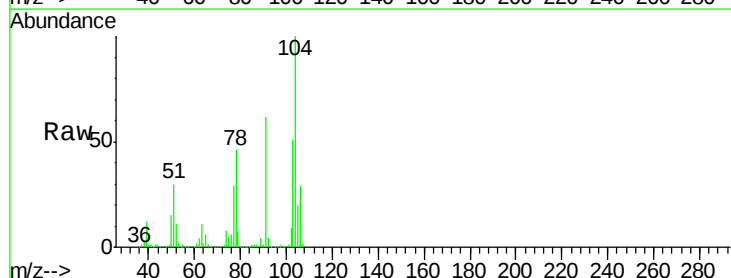
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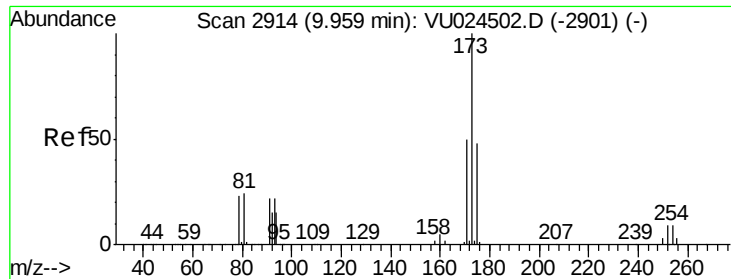
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#70
Styrene
Concen: 18.581 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.1	40.6	60.8	
103	55.0	44.7	67.1	





#71

Bromoform

Concen: 18.343 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024528.D

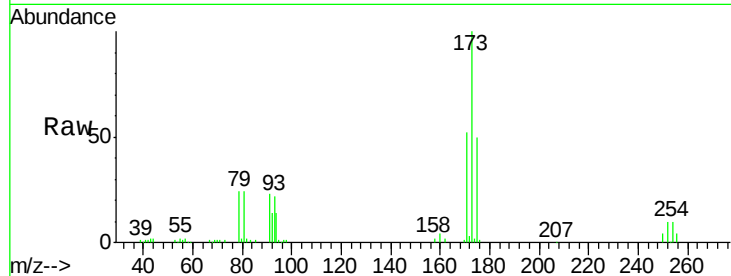
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

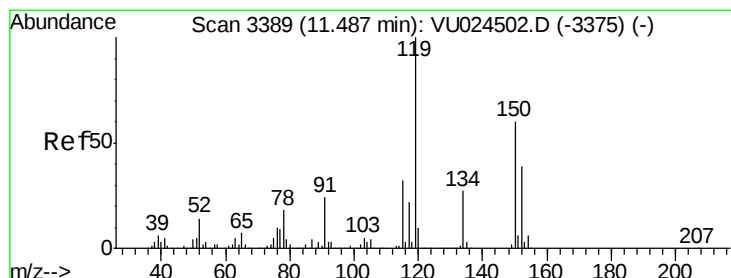
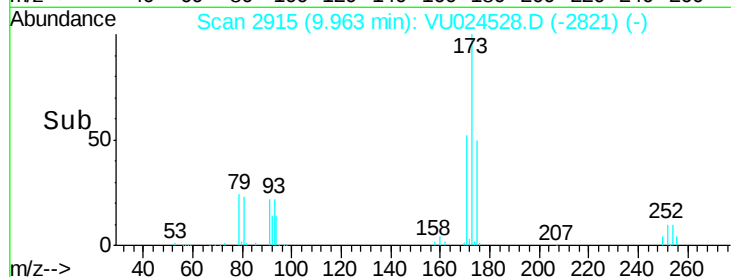
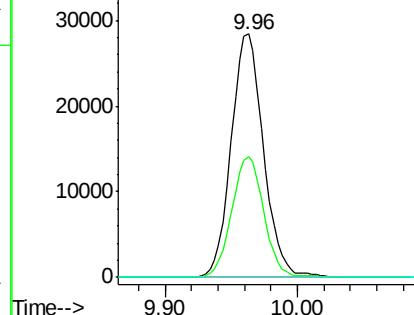
Tot Ion:	173	Resp:	48142
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	74.0
254	0.0	0.0	0.0

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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: 50.000 ug/l

RT: 11.49 min Scan# 3389

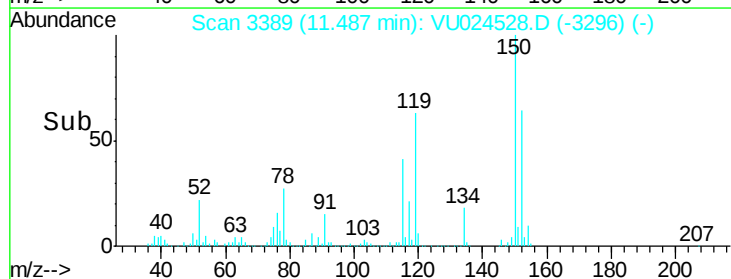
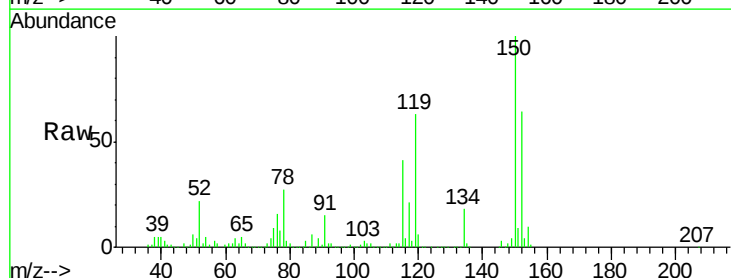
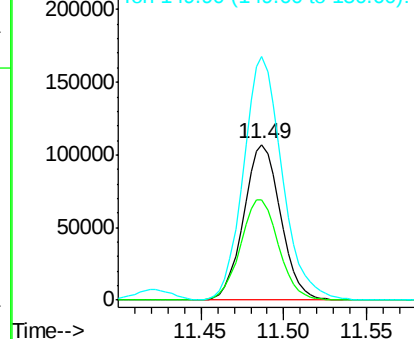
Delta R.T. 0.00 min

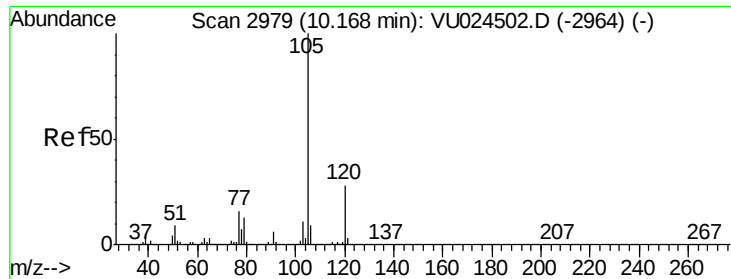
Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	152	Resp:	165882
Ion Ratio	Lower	Upper	
152	100		
115	67.0	43.0	129.0
150	163.9	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: 18.715 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 105 Resp: 238346

Ion Ratio Lower Upper

105 100

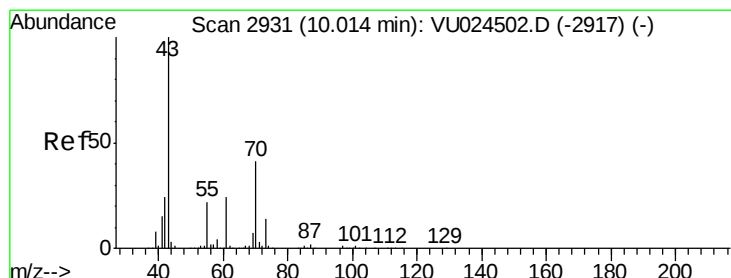
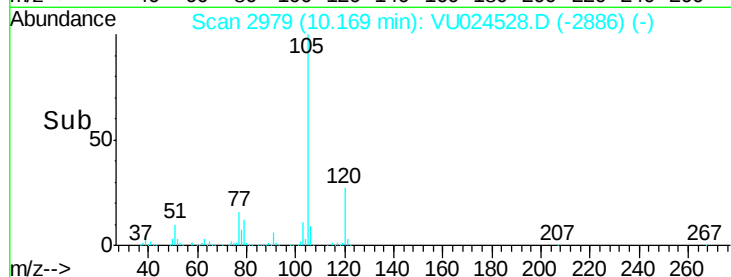
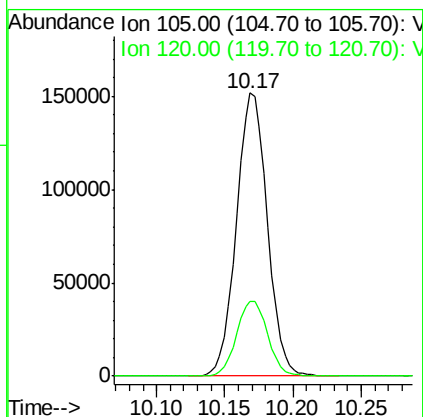
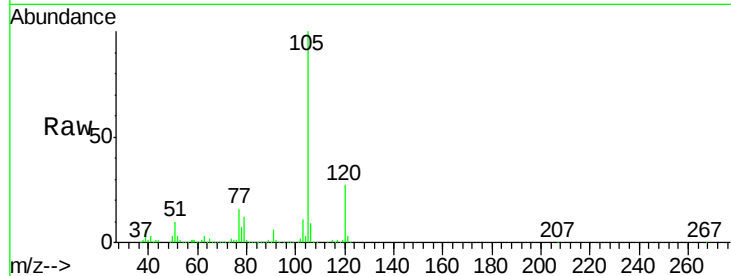
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.614 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion: 43 Resp: 112761

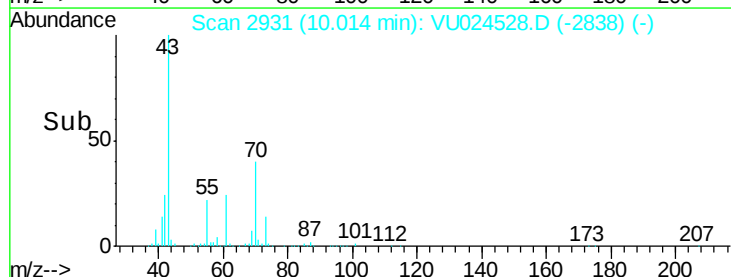
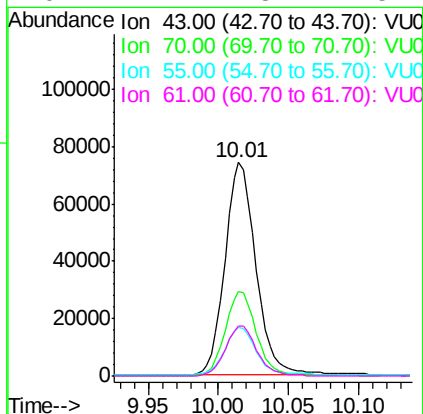
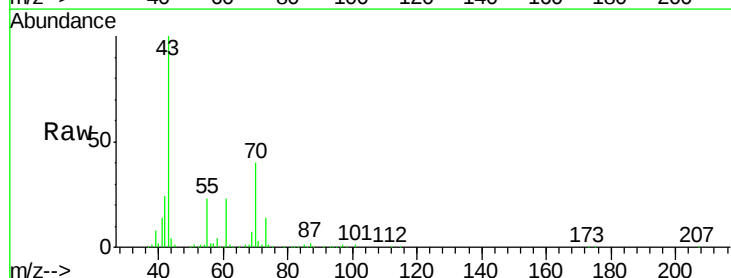
Ion Ratio Lower Upper

43 100

70 40.0 32.2 48.4

55 22.7 20.5 30.7

61 24.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.479 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 83 Resp: 83131

Ion Ratio Lower Upper

83 100

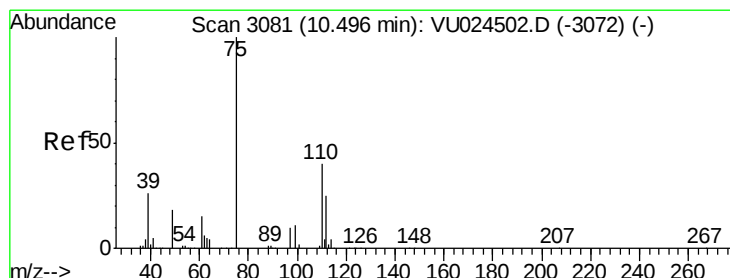
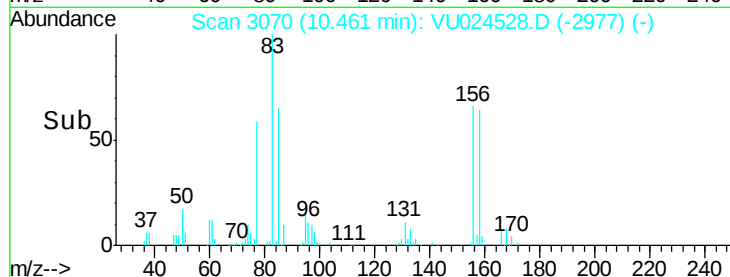
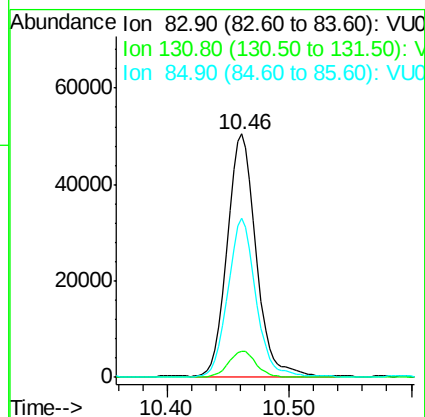
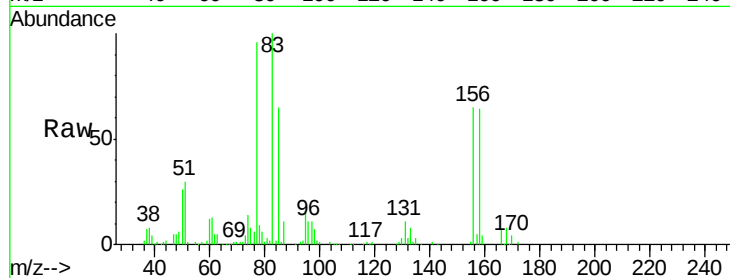
131 10.4 4.7 14.1

85 64.9 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 19.995 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024528.D

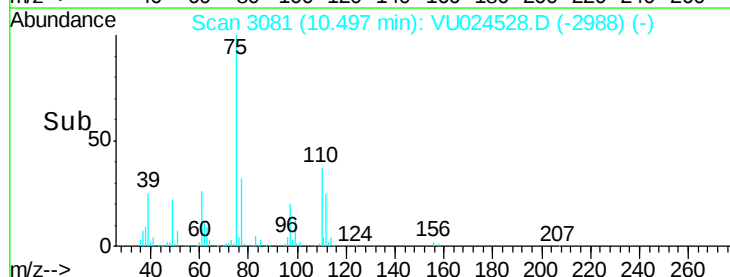
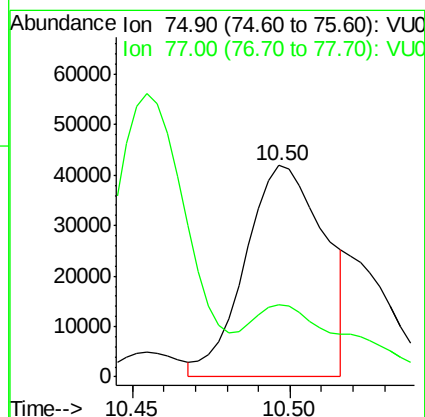
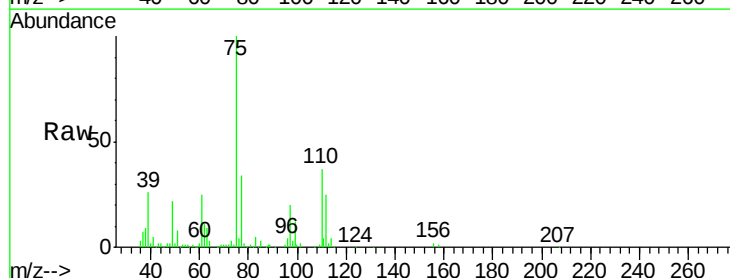
Acq: 14 Jun 2018 10:43

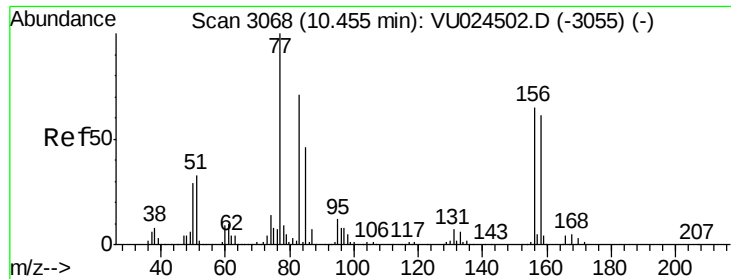
Tgt Ion: 75 Resp: 73025

Ion Ratio Lower Upper

75 100

77 42.7 20.9 62.7





#77

Bromobenzene

Concen: 18.672 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

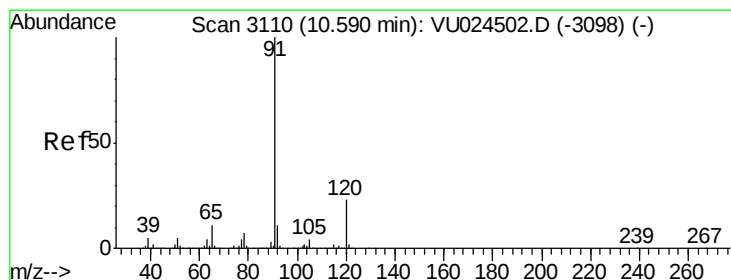
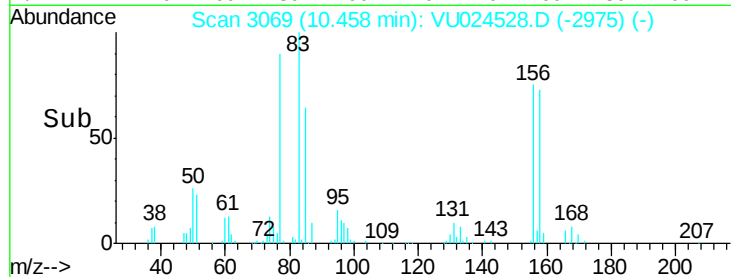
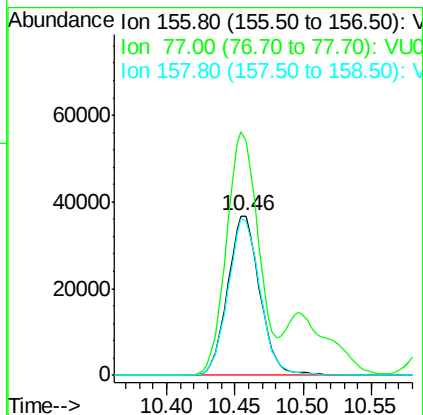
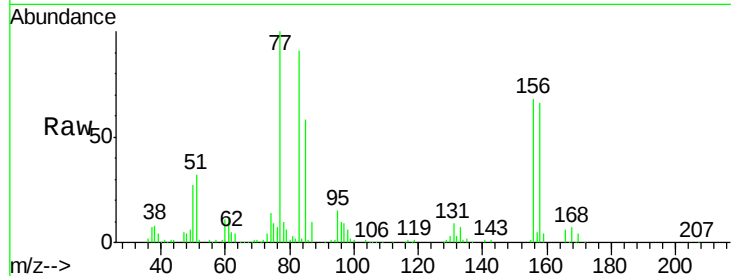
ClientSampleId :

VU0614WBS01

Tot Ion:156 Resp: 60204
 Ion Ratio Lower Upper
 156 100
 77 152.6 80.5 241.3
 158 98.1 48.2 144.6

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#78

n-propylbenzene

Concen: 18.803 ug/l

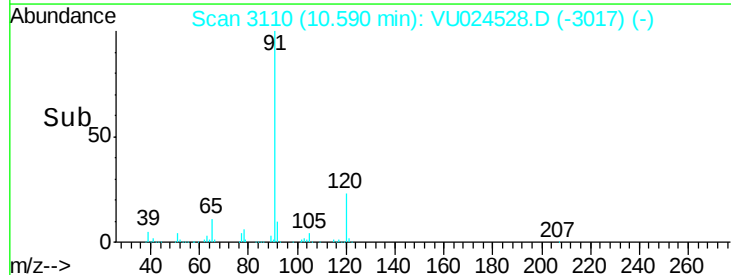
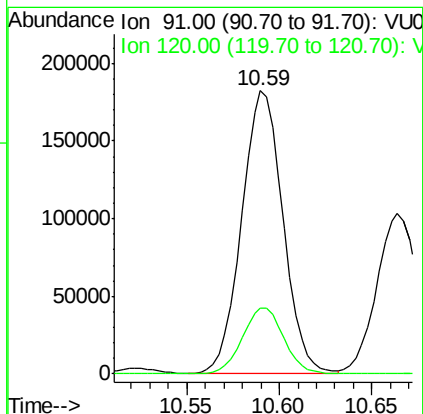
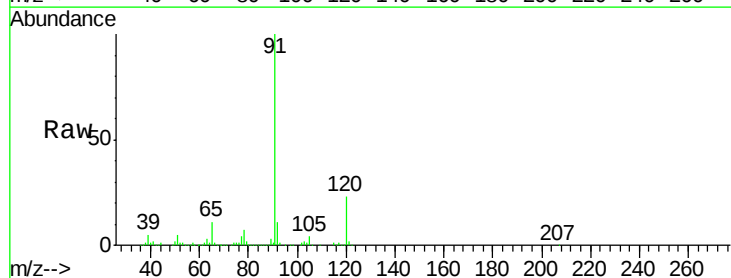
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion: 91 Resp: 282086
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.2 33.5





#79

2-Chlorotoluene

Concen: 18.318 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion: 91 Resp: 162060

Ion Ratio Lower Upper

91 100

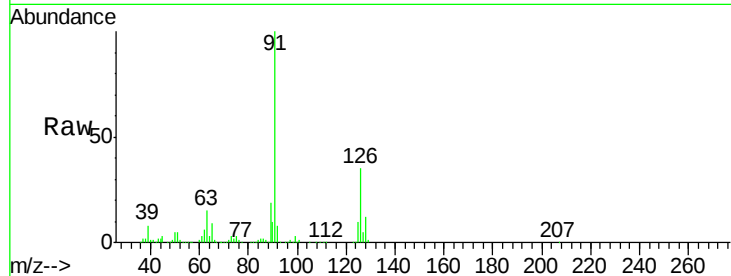
126 35.2 16.9 50.7

Manual Integrations

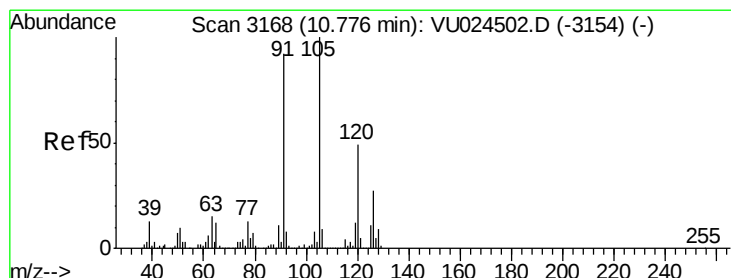
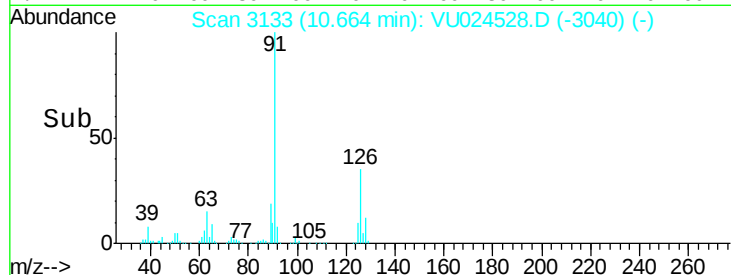
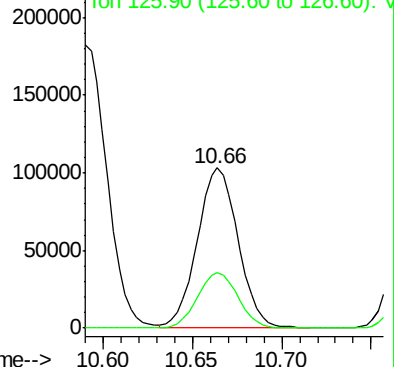
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VU024528.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.441 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024528.D

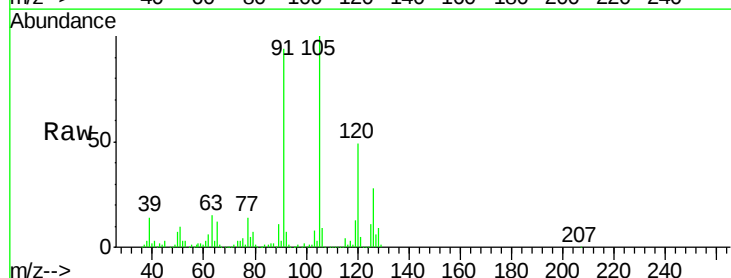
Acq: 14 Jun 2018 10:43

Tgt Ion: 105 Resp: 203561

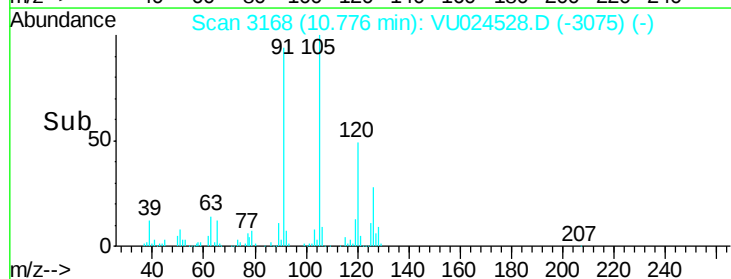
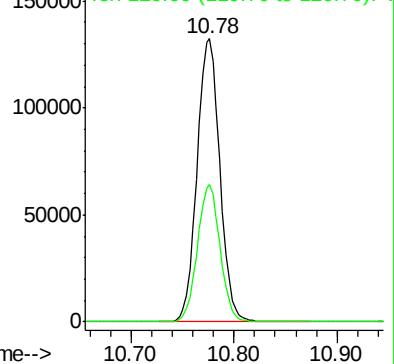
Ion Ratio Lower Upper

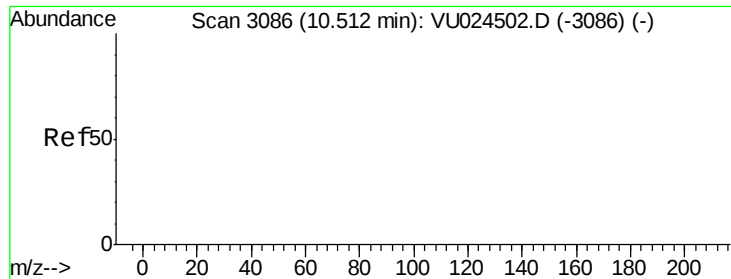
105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024528.D (-3154) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.860 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU024528.D

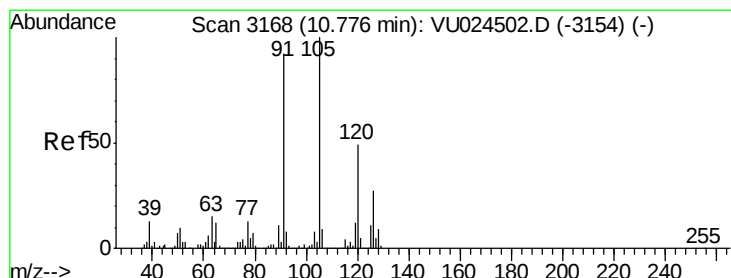
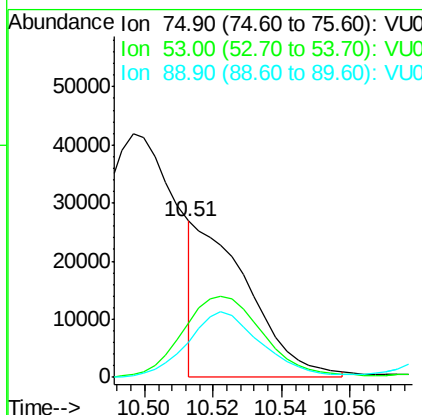
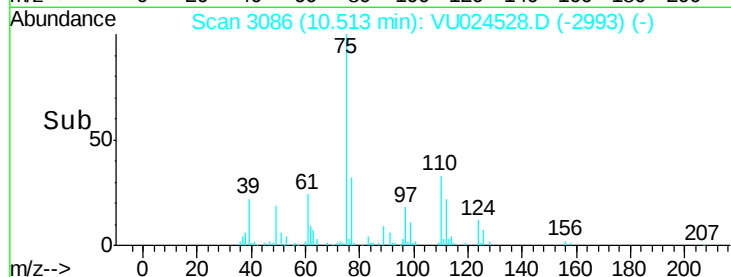
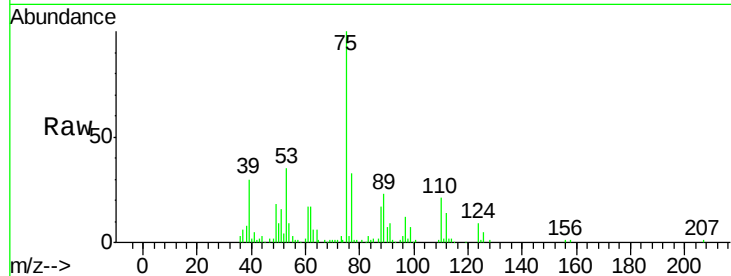
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

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

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.892 ug/l

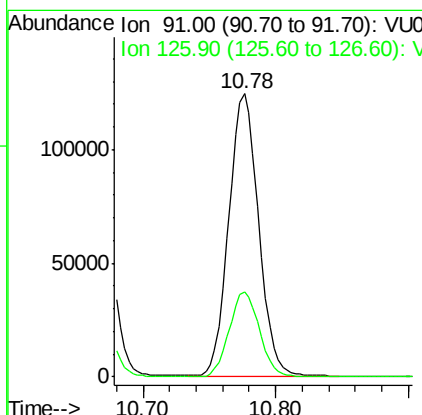
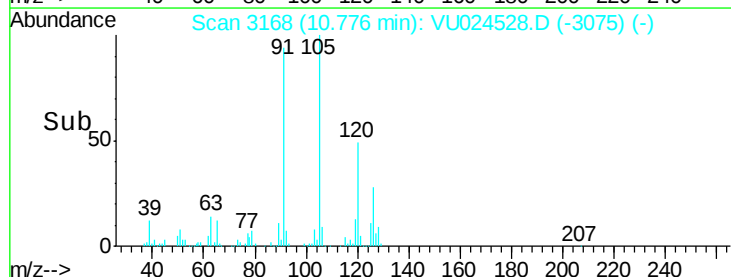
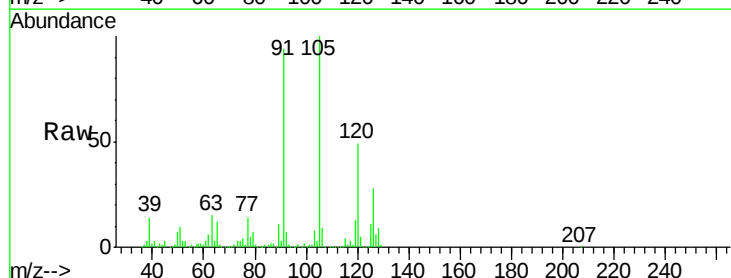
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	14.9	44.9





#83

tert-Butylbenzene

Concen: 19.422 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

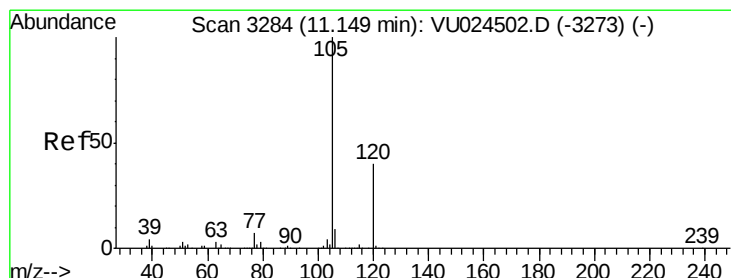
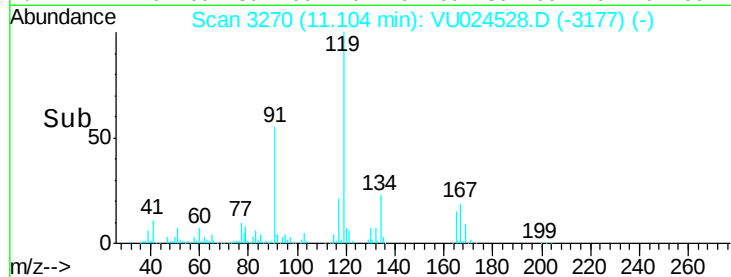
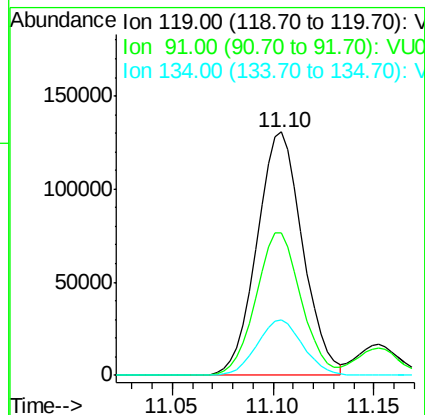
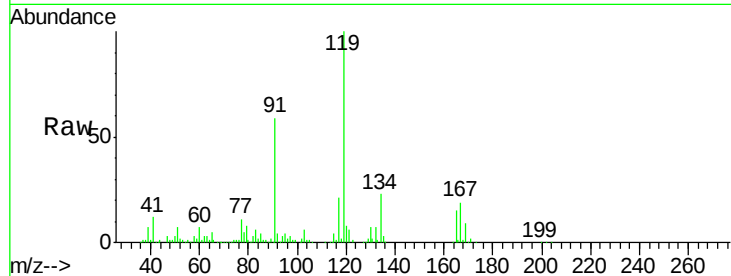
ClientSampleId :

VU0614WBS01

Tot Ion:	119	Resp:	206225
Ion Ratio	Lower	Upper	
119	100		
91	58.2	29.7	89.1
134	22.7	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.237 ug/l

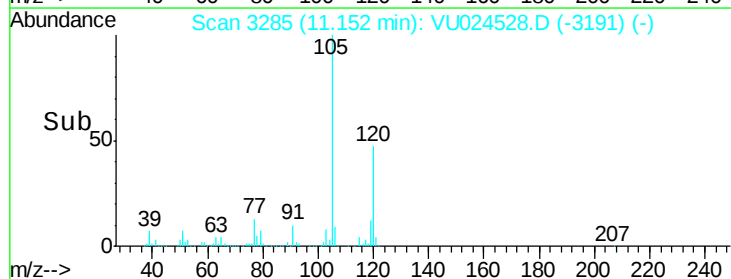
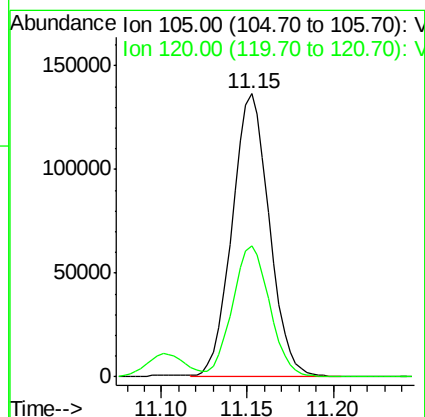
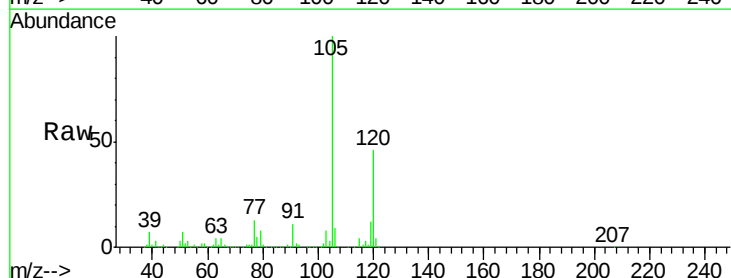
RT: 11.15 min Scan# 3285

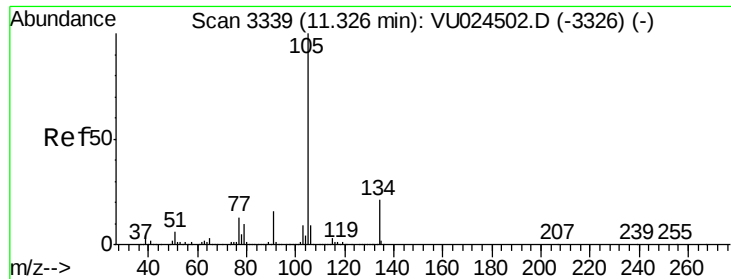
Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	105	Resp:	205151
Ion Ratio	Lower	Upper	
105	100		
120	46.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 18.780 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion:105 Resp: 249617

Ion Ratio Lower Upper

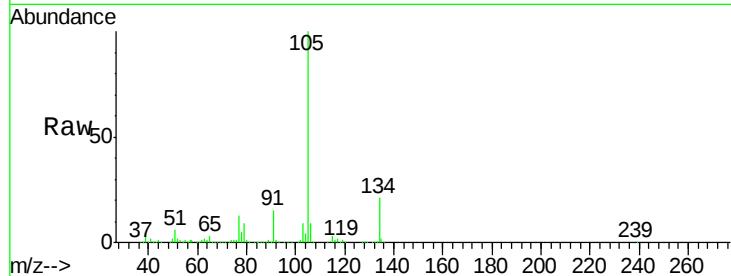
105 100

134 20.6 9.7 29.1

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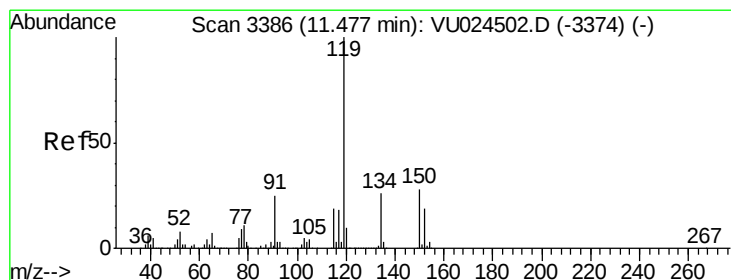
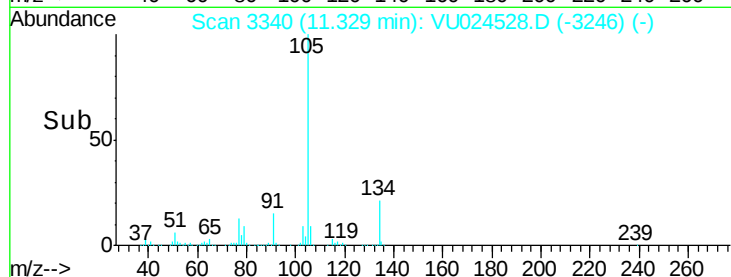
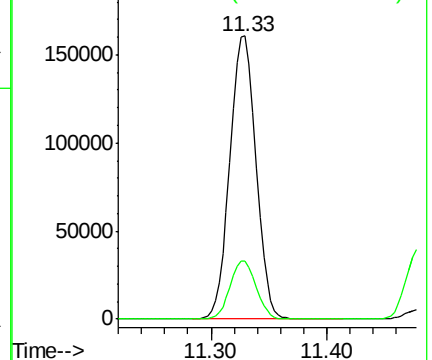
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.530 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

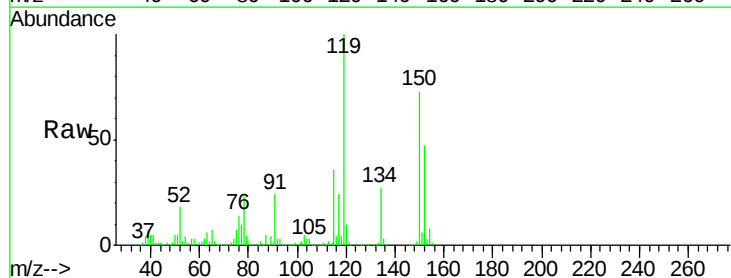
Tgt Ion:119 Resp: 220575

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

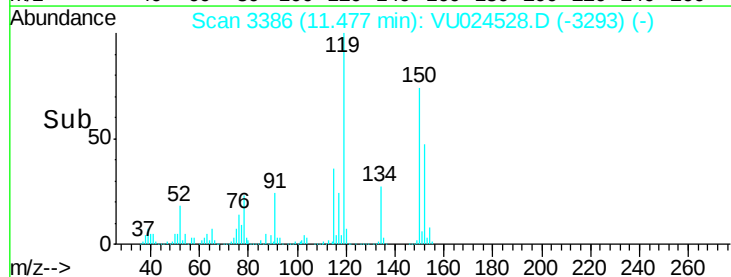
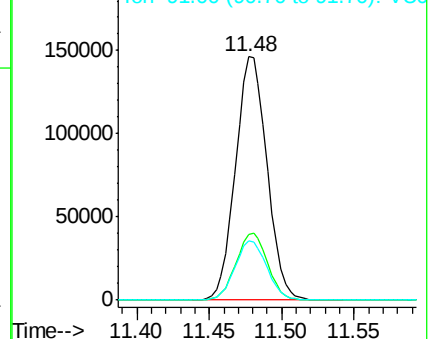
91 24.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





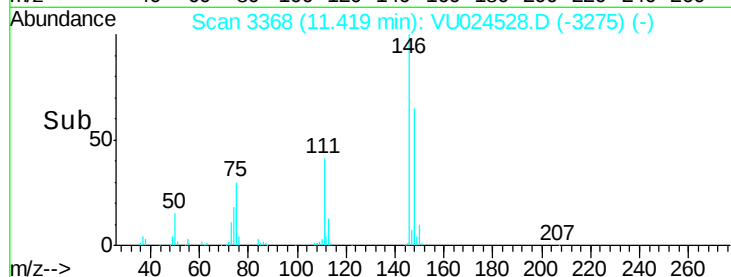
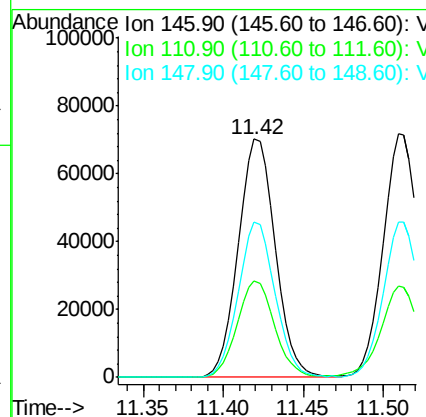
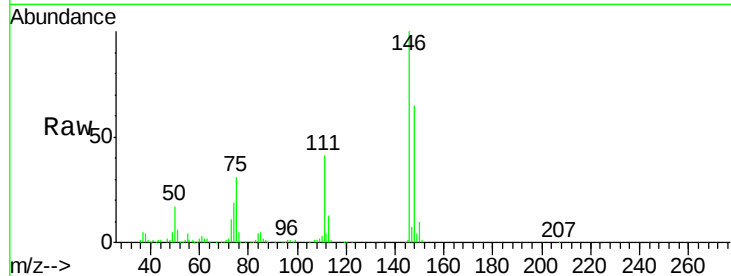
#87
 1,3-Dichlorobenzene
 Concen: 18.589 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	60.0
148	64.7	32.1	96.5

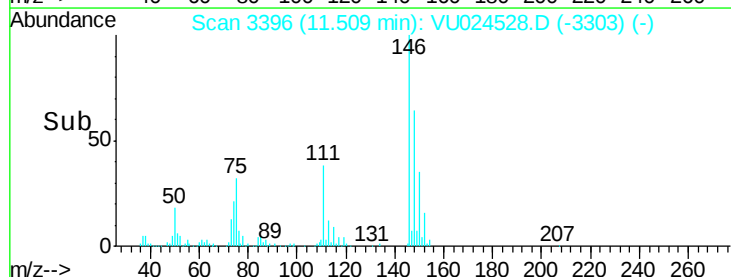
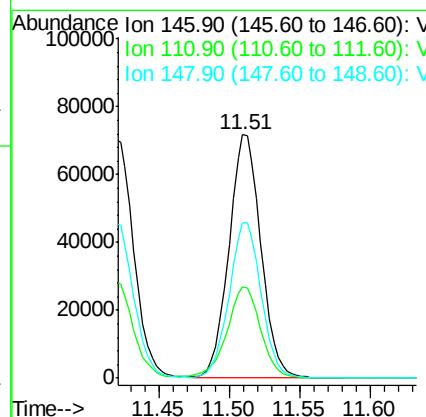
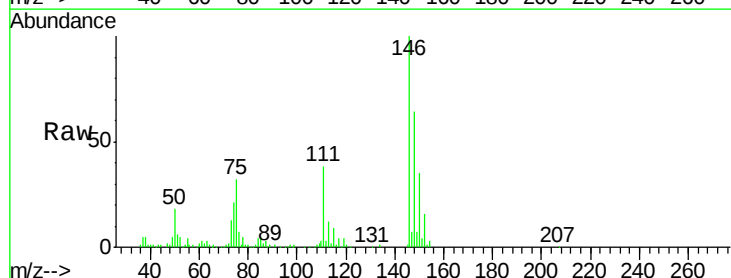
Manual Integrations
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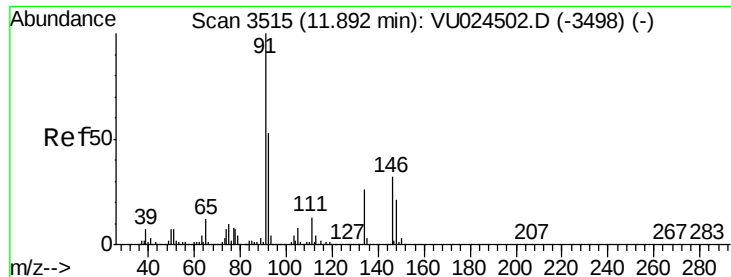
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	64.5	32.4	97.0





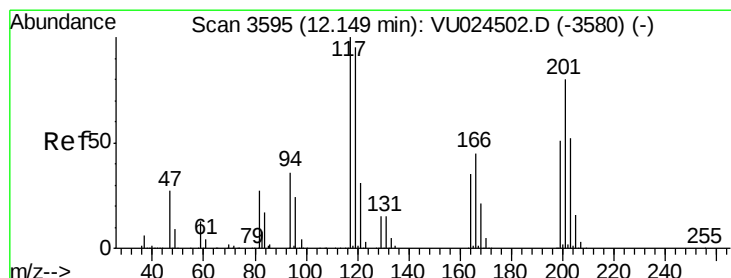
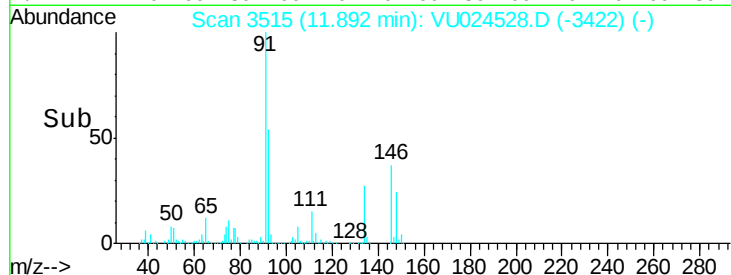
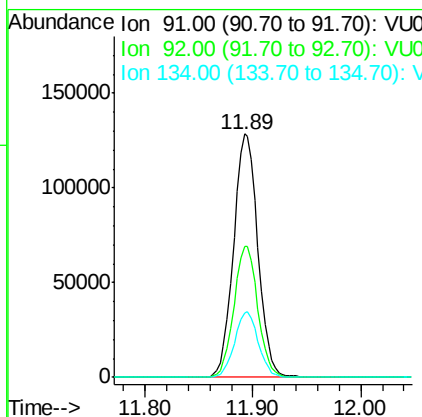
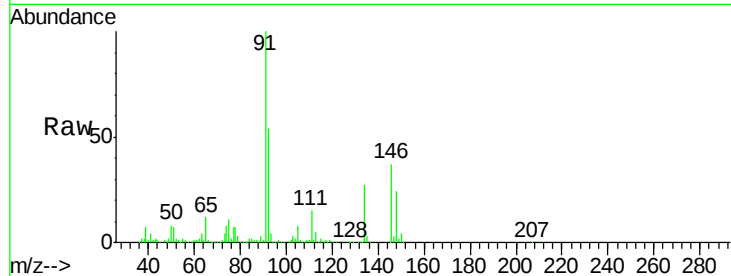
#89
n-Butylbenzene
Concen: 19.027 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.6	76.8
134	26.4	12.3	36.8

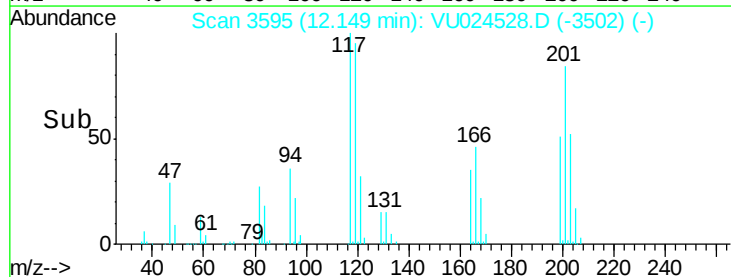
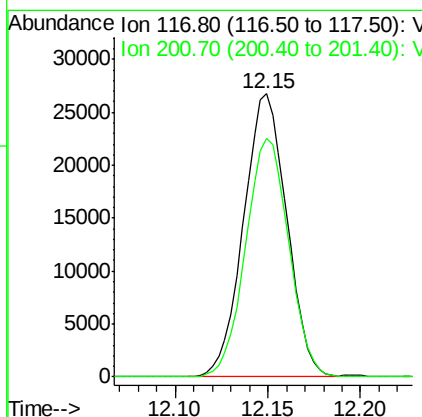
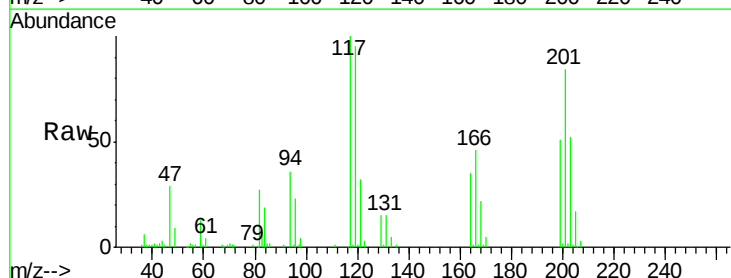
Manual Integrations
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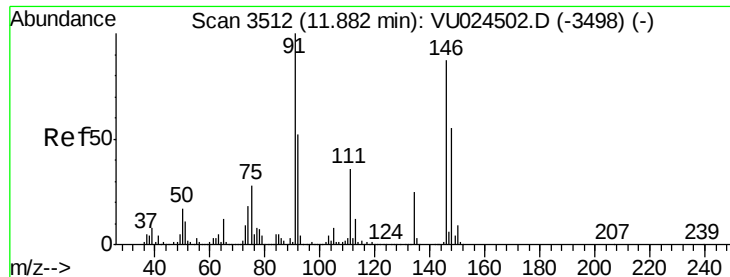
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#90
Hexachloroethane
Concen: 18.693 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024528.D
Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	41.1	123.3





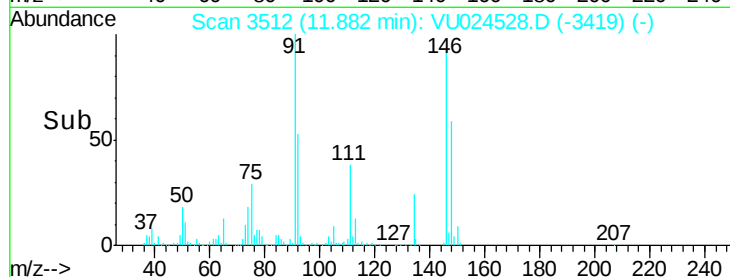
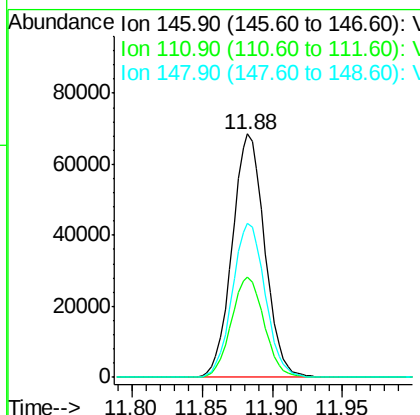
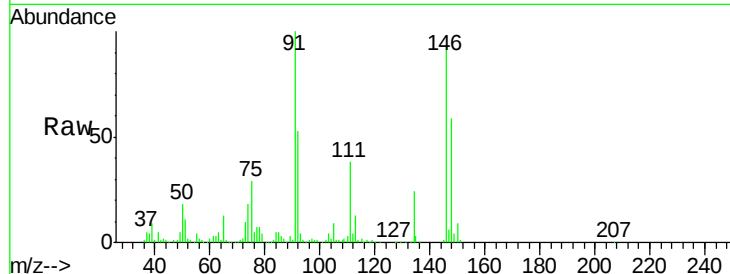
#91
 1,2-Dichlorobenzene
 Concen: 18.553 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	63.9	31.9	95.7

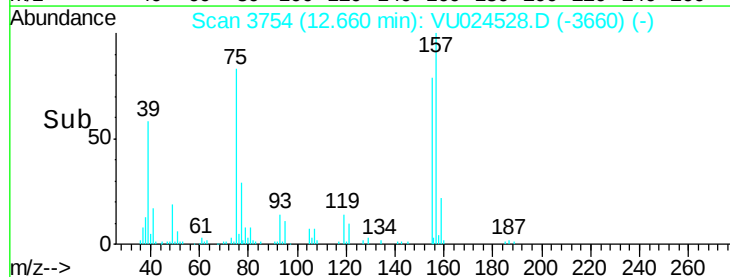
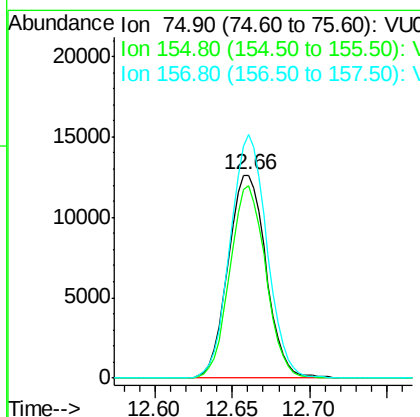
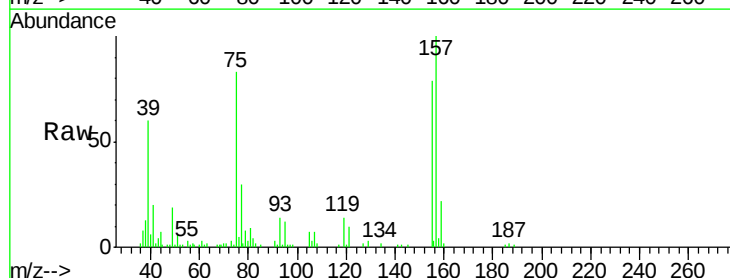
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.240 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024528.D
 Acq: 14 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	40.4	121.2
157	116.0	52.3	156.8





#93

1,2,4-Trichlorobenzene

Concen: 20.189 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS01

Tot Ion:180 Resp: 74386

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

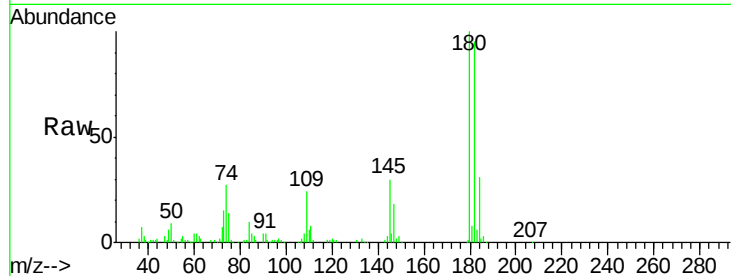
145 30.0 14.7 44.1

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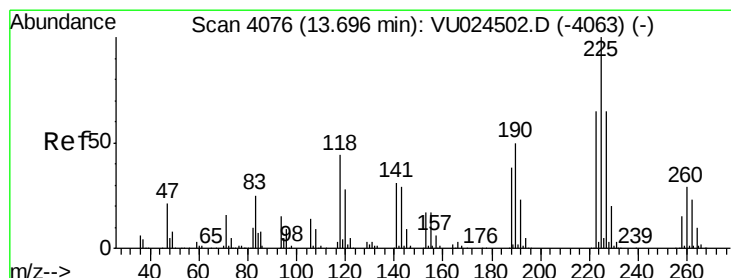
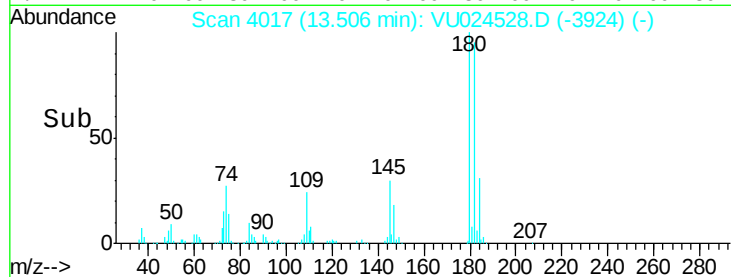
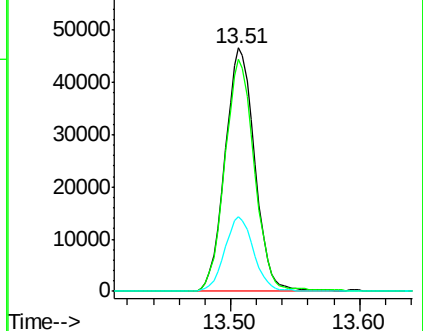
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Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.697 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

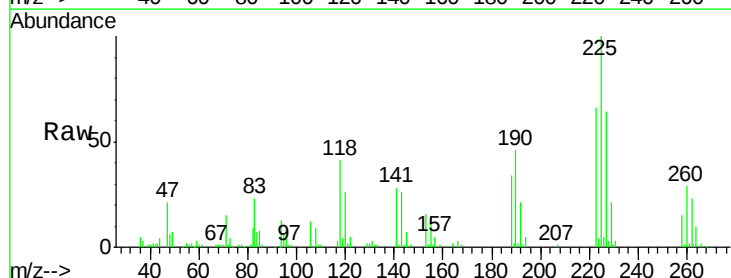
Tgt Ion:225 Resp: 40847

Ion Ratio Lower Upper

225 100

223 65.8 31.3 93.8

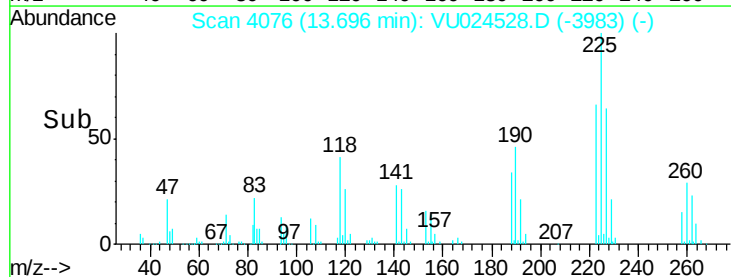
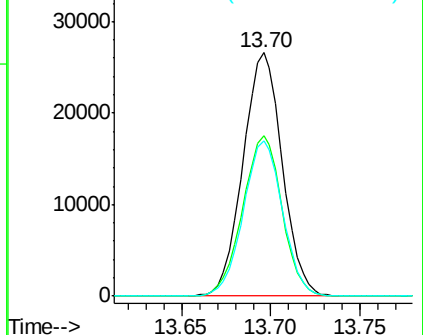
227 63.5 31.8 95.4

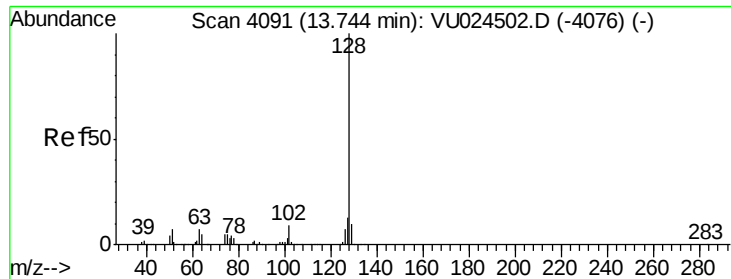


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.412 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Instrument :

MSVOA_U

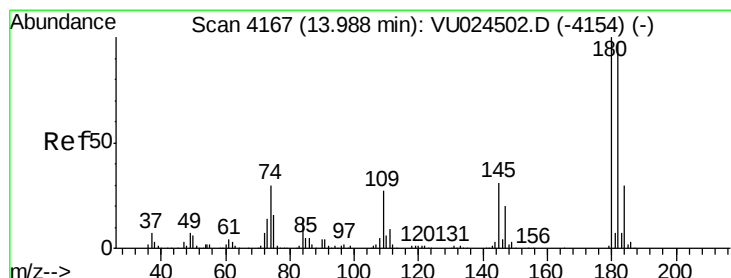
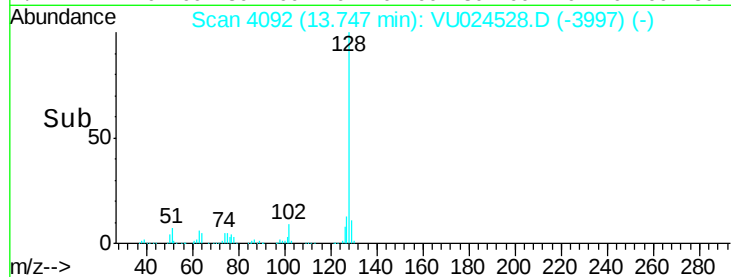
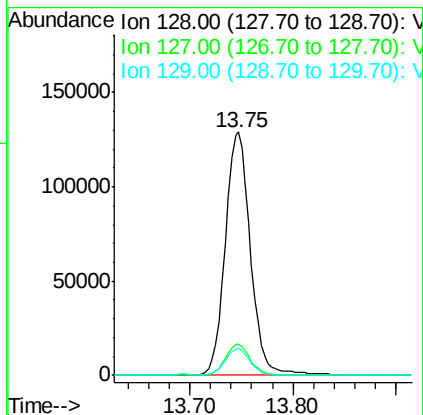
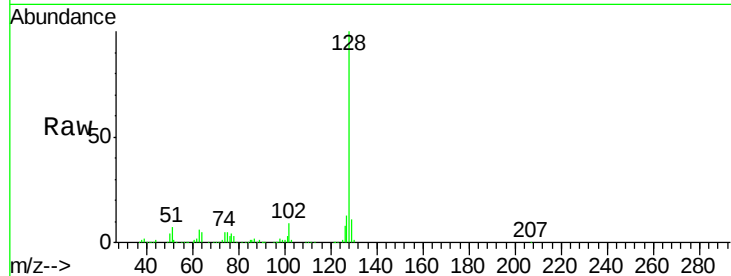
ClientSampleId :

VU0614WBS01

Tot Ion:	128	Resp:	219277
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.570 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024528.D

Acq: 14 Jun 2018 10:43

Tgt Ion:	180	Resp:	75519
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.7
145	31.4	15.4	46.1

