

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU043018\
 Data File : VU023531.D
 Acq On : 30 Apr 2018 16:49
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDICCC010

Manual Integrations
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apatel
 5/3/2018 4:49:04 PM

Quant Time: May 01 04:58:26 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\524U043018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 01 04:31:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	52800	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18466	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	17290	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	169129	10.13	ug/l 100
3) Chloromethane	1.33	50	184162	8.72	ug/l 100
4) Vinyl Chloride	1.40	62	185096	9.65	ug/l 100
5) Bromomethane	1.63	94	98733	7.88	ug/l 100
6) Chloroethane	1.70	64	102102	9.28	ug/l 100
7) Trichlorofluoromethane	1.89	101	215315	9.92	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	130265	10.07	ug/l 100
9) 1,1-Dichloroethene	2.29	96	122401	9.45	ug/l 100
10) Iodomethane	2.42	142	157326	10.83	ug/l 100
11) Allyl Chloride	2.60	41	224954	10.87	ug/l 100
12) Acrylonitrile	2.95	53	52617	17.89	ug/l 100
13) Acetone	2.35	43	100304	42.87	ug/l 100
14) Carbon Disulfide	2.48	76	397118	9.75	ug/l 100
15) Methylene Chloride	2.71	84	128180	8.17	ug/l 100
16) trans-1,2-Dichloroethene	2.99	96	128021	9.13	ug/l 100
17) 1,1-Dichloroethane	3.45	63	255669	9.76	ug/l 100
18) 2-Butanone	4.30	43	172989	48.35	ug/l 100
19) Cyclohexane	4.99	56	223521	11.83	ug/l 100
20) Methylcyclohexane	6.41	83	240207	10.98	ug/l 100
21) 2,2-Dichloropropane	4.23	77	203342	10.61	ug/l 100
22) cis-1,2-Dichloroethene	4.23	96	140877	9.04	ug/l 100
23) Diethyl Ether	2.11	59	100664	9.52	ug/l 100
24) tert-Butyl Alcohol	2.90	59	74149	71.96	ug/l 100
25) Methyl tert-Butyl Ether	3.01	73	308346	9.40	ug/l 100
26) Bromochloromethane	4.55	128	54909	8.03	ug/l 100
27) Chloroform	4.68	83	239650	9.18	ug/l 100
28) 1,1,1-Trichloroethane	4.91	97	198652	9.89	ug/l 100
29) 1,1-Dichloropropene	5.13	75	196665	9.94	ug/l 100
30) Carbon Tetrachloride	5.13	117	170986	10.16	ug/l 100
31) Isopropyl Ether	3.58	45	433749	10.85	ug/l 100
32) Ethyl-t-butyl ether	4.09	59	376018	10.43	ug/l 100
33) Tert-Amyl methyl ether	5.59	73	322043	10.31	ug/l 100
34) Propionitrile	4.37	54	49345	45.58	ug/l 100
35) Benzene	5.39	78	602292	10.06	ug/l 100
36) 1,2-Dichloroethane	5.41	62	165331	10.41	ug/l 100
37) Trichloroethene	6.18	130	155810	9.76	ug/l 100
38) 1,2-Dichloropropane	6.44	63	162961	10.70	ug/l 100
39) Methacrylonitrile	4.56	41	48977	10.91	ug/l 100
40) Methyl acrylate	4.44	55	72173	10.63	ug/l 100
41) Tetrahydrofuran	4.67	42	47534	18.97	ug/l 100
42) 1-Chlorobutane	5.07	56	285113	10.71	ug/l 100

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	69489	9.63	ug/l	100
44) Bromodichloromethane	6.76	83	175607	10.41	ug/l	100
45) 4-Methyl-2-Pentanone	7.48	43	437079	52.61	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	47837m	18.46	ug/l	
47) Methyl methacrylate	6.64	69	134552	19.66	ug/l	100
48) Ethyl methacrylate	8.03	69	121385	9.96	ug/l	100
49) Toluene	7.64	92	358863	10.24	ug/l	100
50) t-1,3-Dichloropropene	7.89	75	161368	11.12	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	204171	10.93	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	99523	9.47	ug/l	100
53) 1,3-Dichloropropane	8.25	76	180822	10.01	ug/l	100
54) 2-Hexanone	8.37	43	304530	53.75	ug/l	100
55) Dibromochloromethane	8.48	129	113652	10.51	ug/l	100
56) 1,2-Dibromoethane	8.59	107	87511	9.46	ug/l	100
58) Tetrachloroethene	8.23	164	147722	10.40	ug/l	100
59) Chlorobenzene	9.12	112	375098	9.76	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	126433	9.76	ug/l	100
61) Pentachloroethane	11.10	117	85778	9.14	ug/l	100
62) Hexachloroethane	12.15	117	85622	10.15	ug/l	100
63) Ethyl Benzene	9.25	91	658142	10.38	ug/l	100
64) m/p-Xylenes	9.38	106	509954	20.80	ug/l	100
65) o-Xylene	9.78	106	244103	10.09	ug/l	100
66) Styrene	9.80	104	415843	10.41	ug/l	100
67) Bromoform	9.96	173	59353	10.08	ug/l	100
69) Isopropylbenzene	10.17	105	629464	10.43	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	113387	9.00	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	79063	8.51	ug/l #	100
72) Bromobenzene	10.45	156	151521	9.34	ug/l	100
73) n-propylbenzene	10.59	120	175749	10.37	ug/l	100
74) 2-Chlorotoluene	10.66	126	150064	9.78	ug/l	100
75) 1,3,5-Trimethylbenzene	10.78	105	538953	10.40	ug/l	100
76) 4-Chlorotoluene	10.78	126	157337	9.91	ug/l	100
77) tert-Butylbenzene	11.10	119	490115	9.99	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	541837	10.22	ug/l	100
79) sec-Butylbenzene	11.33	105	688236	10.37	ug/l	100
80) Nitrobenzene	12.87	77	21510	75.41	ug/l	100
81) p-Isopropyltoluene	11.48	119	575899	10.38	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	293410	9.29	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	298614	9.38	ug/l	100
84) n-Butylbenzene	11.89	91	561786	10.68	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	264653	8.99	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	15832	9.37	ug/l	100
87) 1,2,4-Trichlorobenzene	13.51	180	195672	9.44	ug/l	100
88) Hexachlorobutadiene	13.70	225	114255	10.02	ug/l	100
89) Naphthalene	13.75	128	320598	9.80	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	183007	9.32	ug/l	100

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

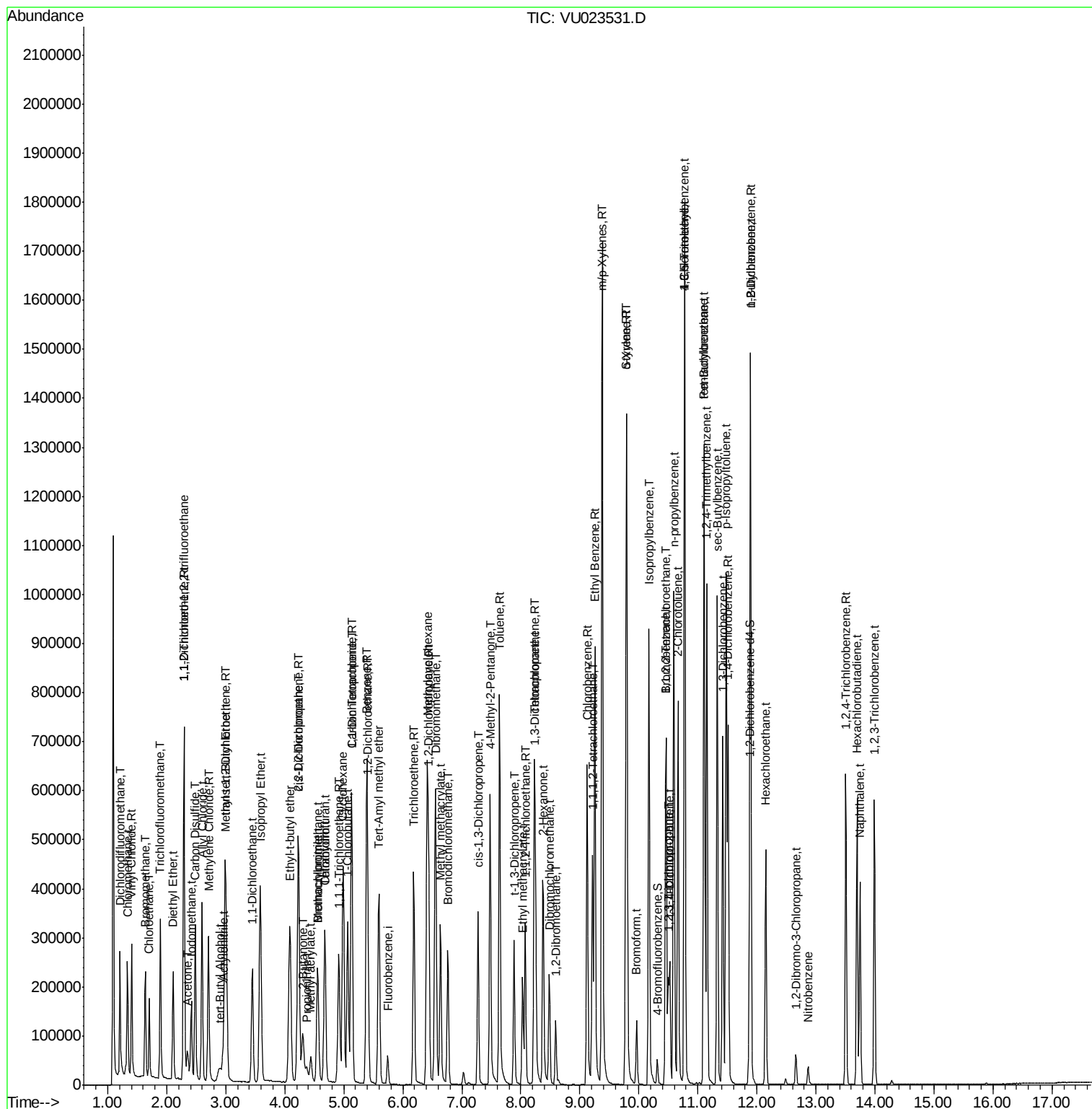
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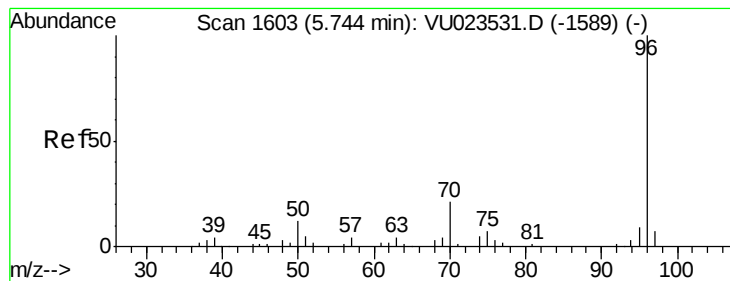
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#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

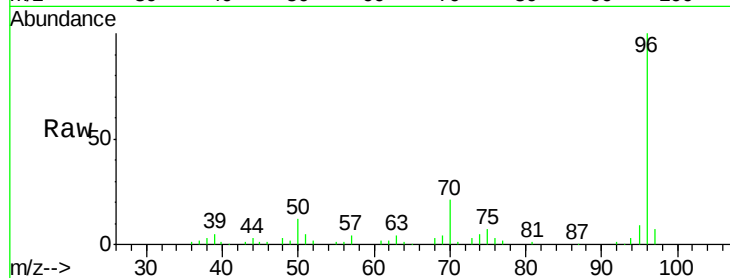
ClientSampleId :

VSTDICCC010

Tot Ion:	96	Resp:	52800
Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.2	24.4
95	8.6	6.9	10.3
97	0.0	0.0	0.0

Manual Integrations
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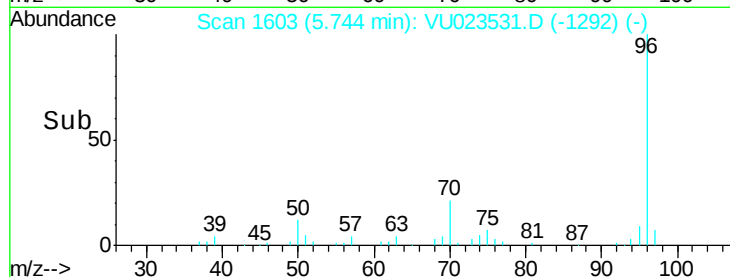
Abundance Ion 96.00 (95.70 to 96.70): VU023531.D (-1589) (-)

Ion 70.00 (69.70 to 70.70): VU023531.D (-1589) (-)

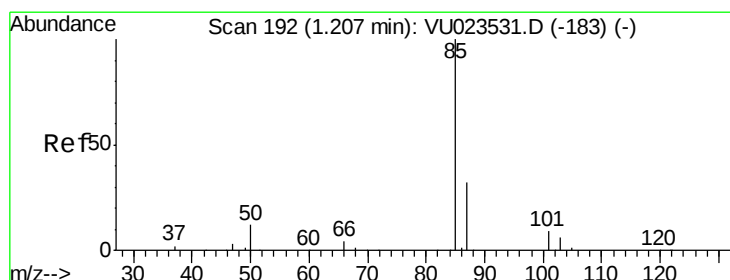
Ion 95.00 (94.70 to 95.70): VU023531.D (-1589) (-)

Ion 97.00 (96.70 to 97.70): VU023531.D (-1589) (-)

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 10.13 ug/l

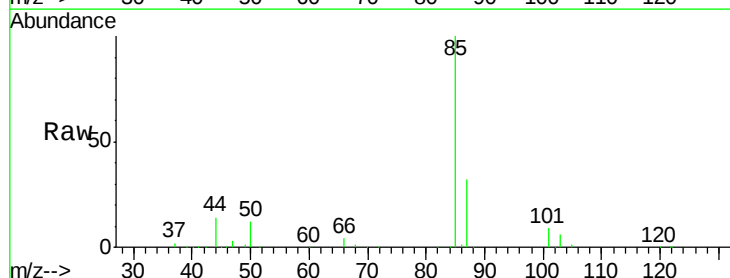
RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

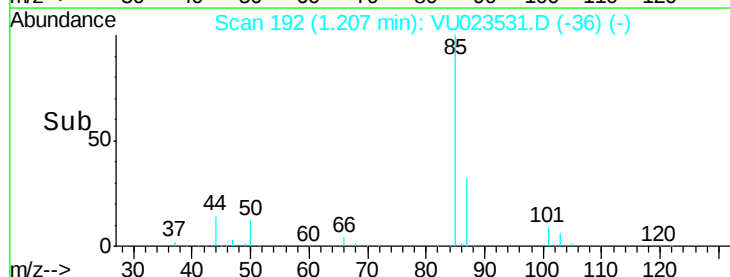
Tgt Ion:	85	Resp:	169129
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.5



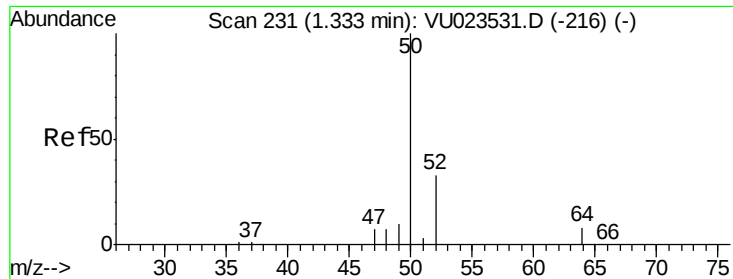
Abundance Ion 85.00 (84.70 to 85.70): VU023531.D (-183) (-)

Ion 87.00 (86.70 to 87.70): VU023531.D (-183) (-)

Time-->



Time-->



#3

Chloromethane

Concen: 8.72 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 50 Resp: 184162

Ion Ratio Lower Upper

50 100

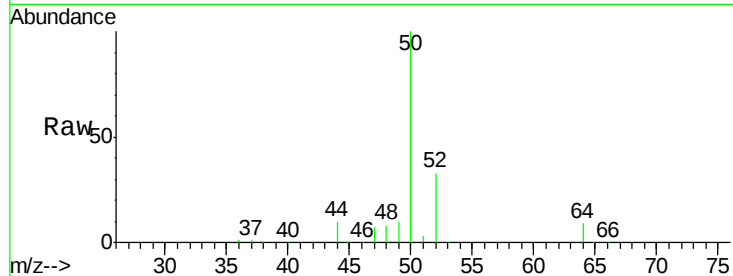
52 32.5 26.0 39.0

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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

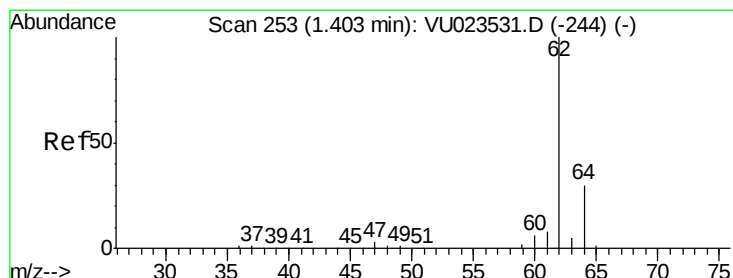
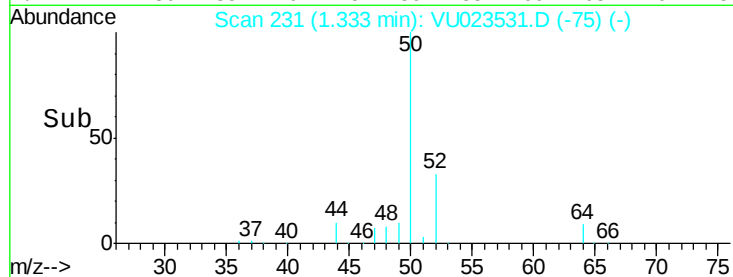
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 9.65 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023531.D

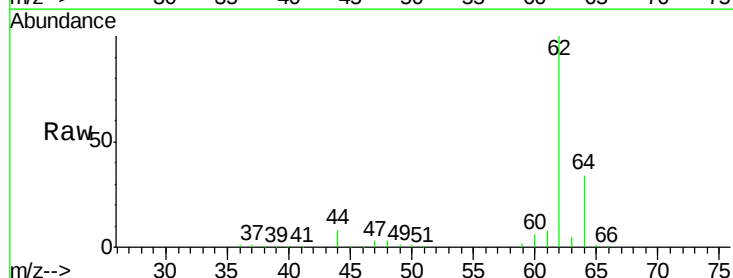
Acq: 30 Apr 2018 16:49

Tgt Ion: 62 Resp: 185096

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

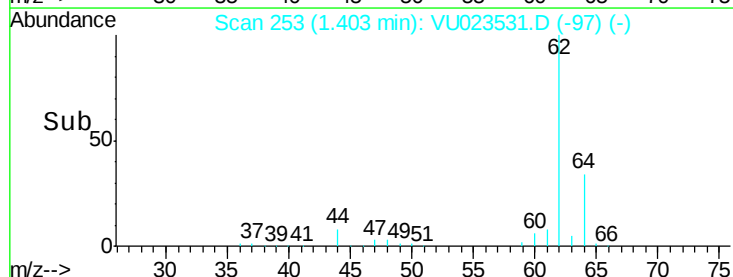
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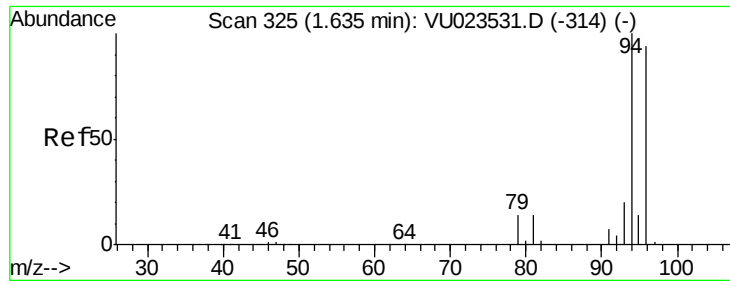
100000

50000

0

Time-->





#5

Bromomethane

Concen: 7.88 ug/l

RT: 1.63 min Scan# 325

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 94 Resp: 98733

Ion Ratio Lower Upper

94 100

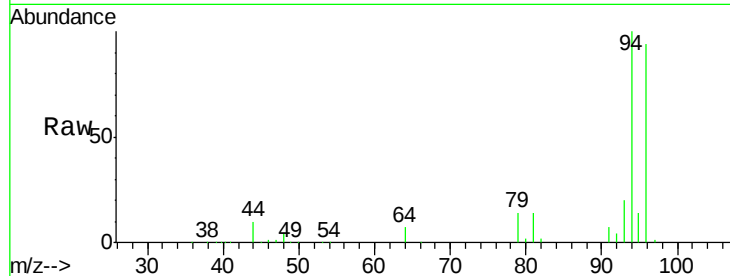
96 93.9 75.1 112.7

Manual Integrations

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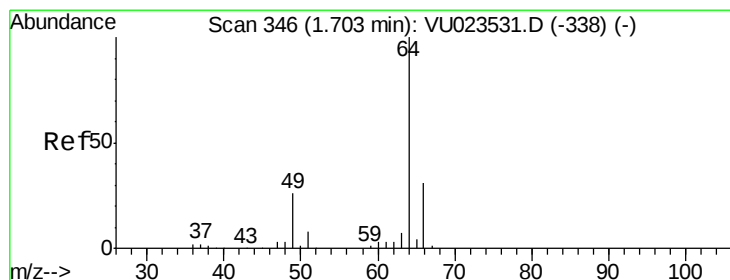
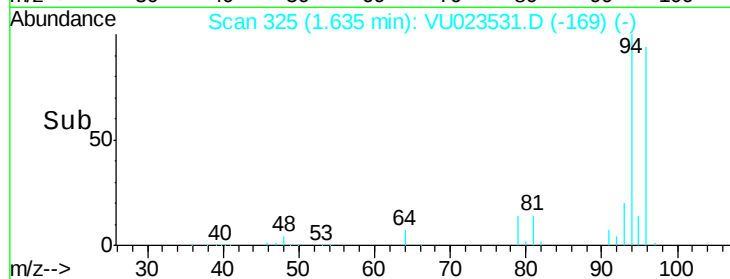
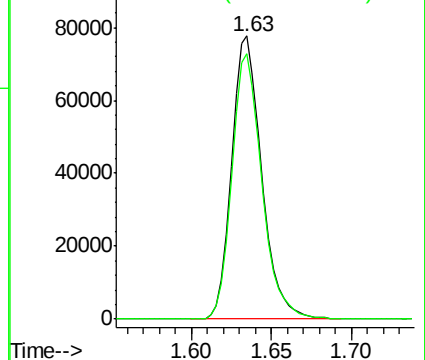
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.28 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU023531.D

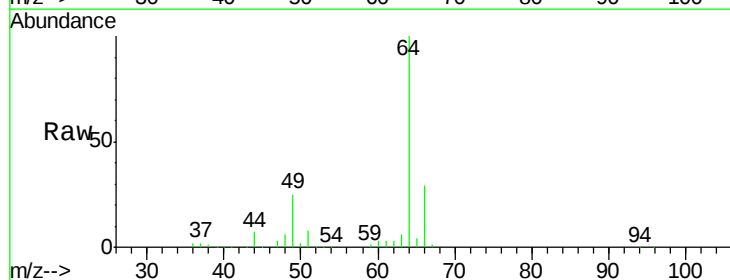
Acq: 30 Apr 2018 16:49

Tgt Ion: 64 Resp: 102102

Ion Ratio Lower Upper

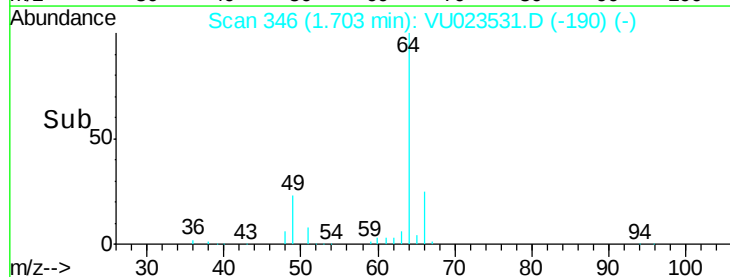
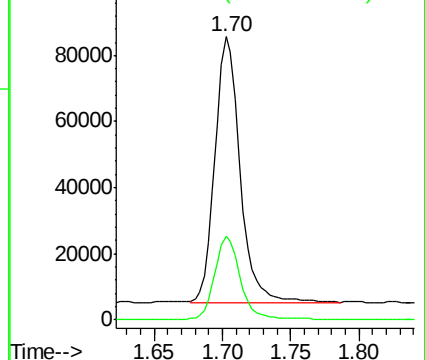
64 100

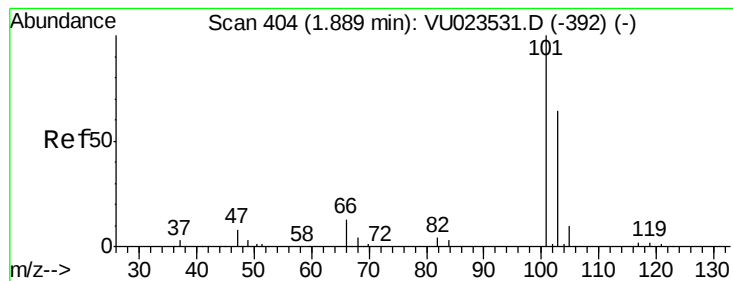
66 31.1 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 9.92 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

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Tot Ion:101 Resp: 215315

Ion Ratio Lower Upper

101 100

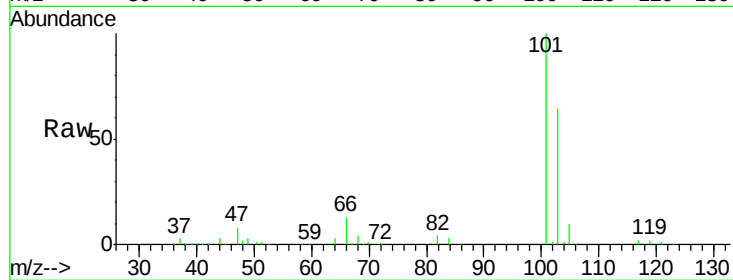
103 64.2 51.4 77.0

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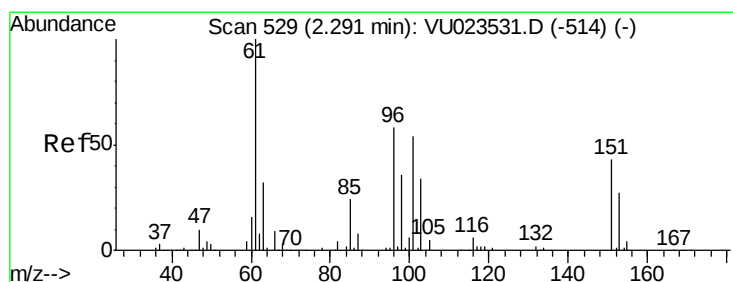
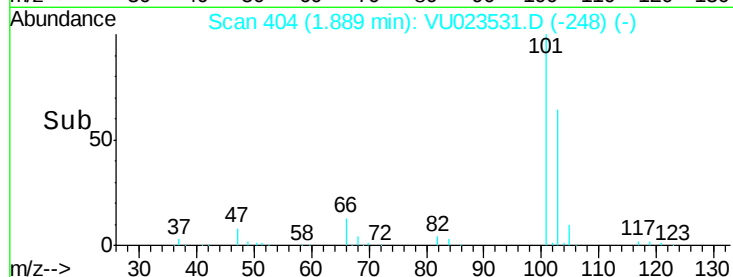
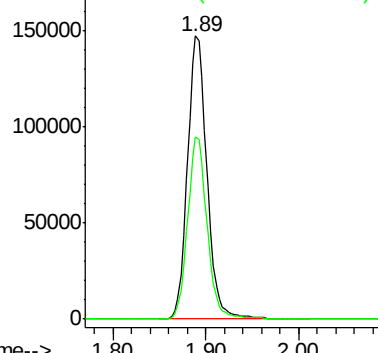
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.07 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

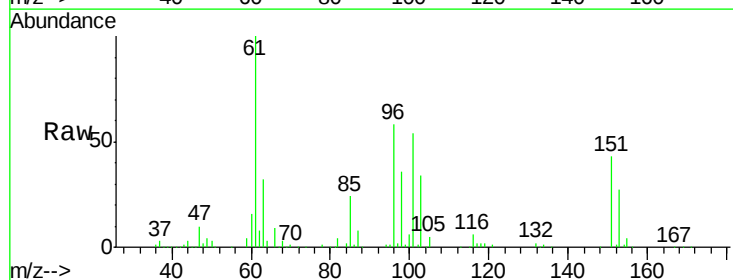
Tgt Ion:101 Resp: 130265

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

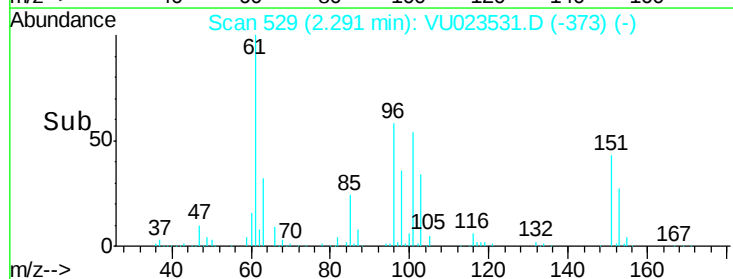
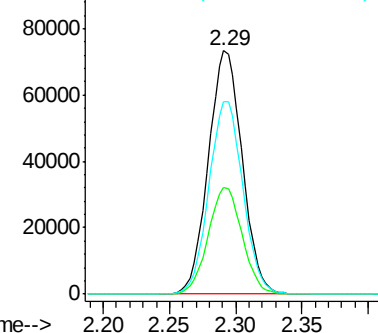
151 79.4 63.5 95.3

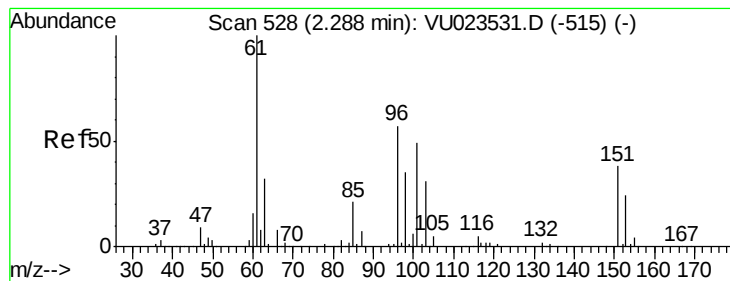


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 9.45 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

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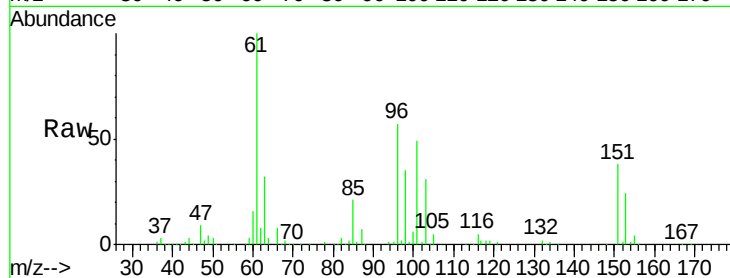
ClientSampleId :

VSTDICCC010

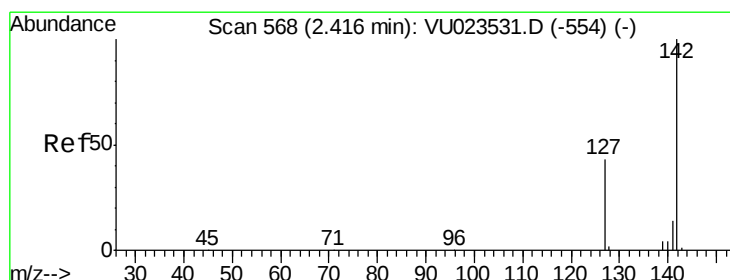
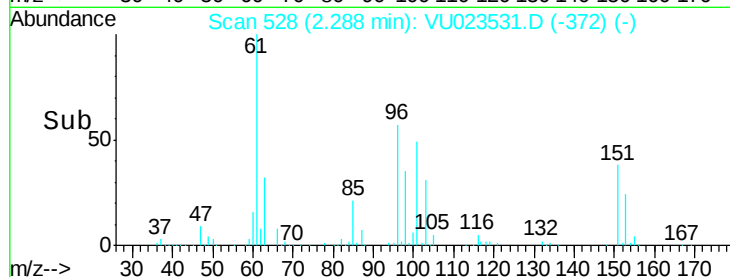
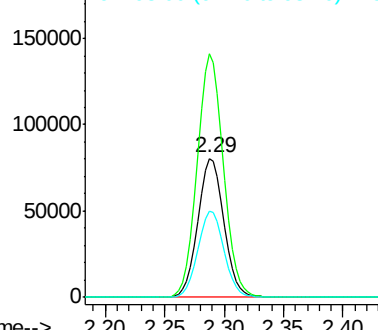
Tot Ion:	96	Resp:	122401
Ion Ratio	Lower	Upper	
96	100		
61	175.5	0.0	526.5
98	61.7	0.0	123.4

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Abundance Ion 96.00 (95.70 to 96.70): VU023531.D (-515) (-)



#10

Iodomethane

Concen: 10.83 ug/l

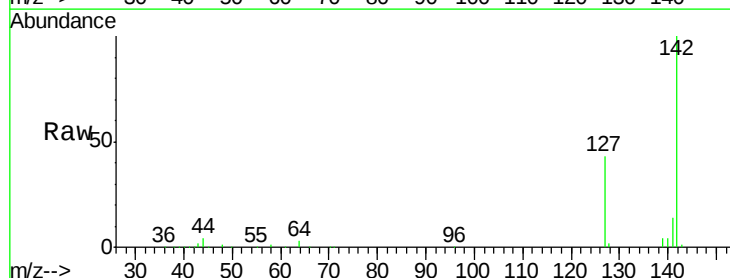
RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

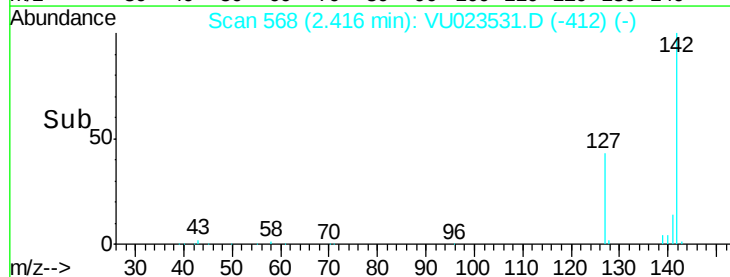
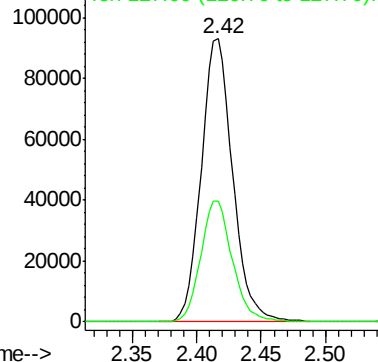
Lab File: VU023531.D

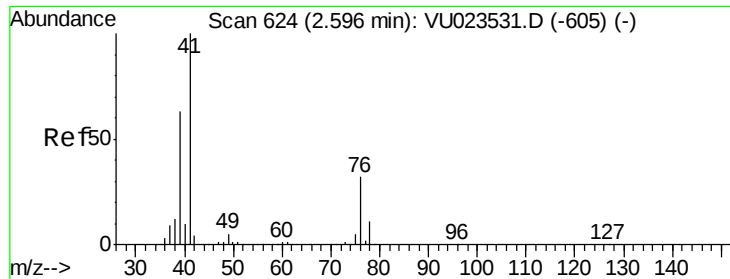
Acq: 30 Apr 2018 16:49

Tgt Ion:	142	Resp:	157326
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.5	51.7



Abundance Ion 142.00 (141.70 to 142.70): VU023531.D (-554) (-)





#11

Allvl Chloride

Concen: 10.87 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 41 Resp: 224954

Ion Ratio Lower Upper

41 100

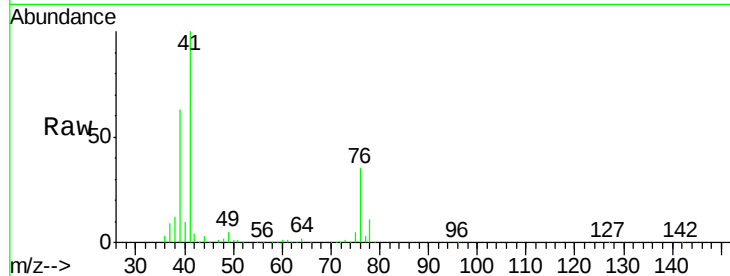
39 64.3 51.4 77.2

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Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

2.60

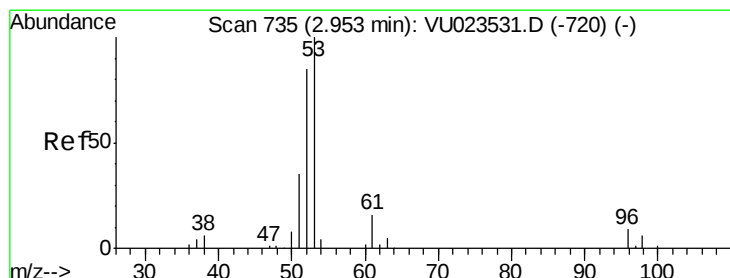
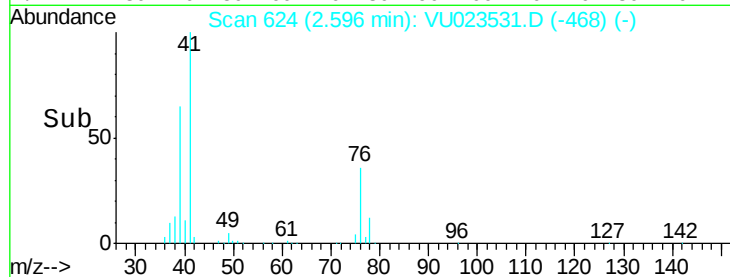
150000

100000

50000

0

Time-->



#12

Acrylonitrile

Concen: 17.89 ug/l

RT: 2.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

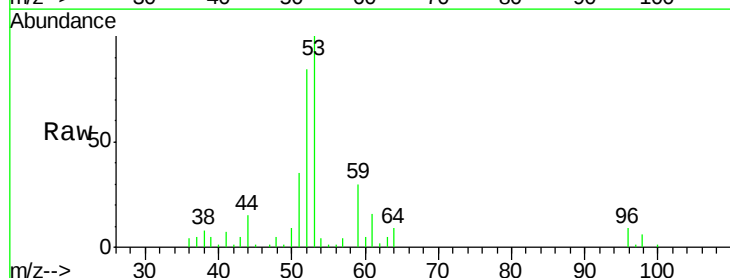
Tgt Ion: 53 Resp: 52617

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

51 37.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

2.95

25000

20000

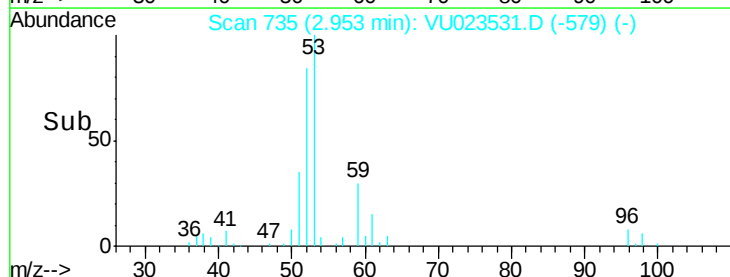
15000

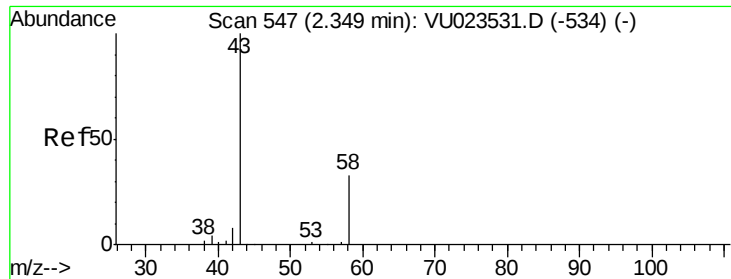
10000

5000

0

Time-->





#13

Acetone

Concen: 42.87 ug/l

RT: 2.35 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 43 Resp: 100304

Ion Ratio Lower Upper

43 100

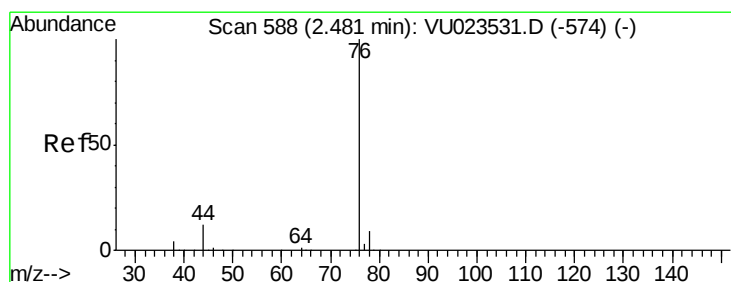
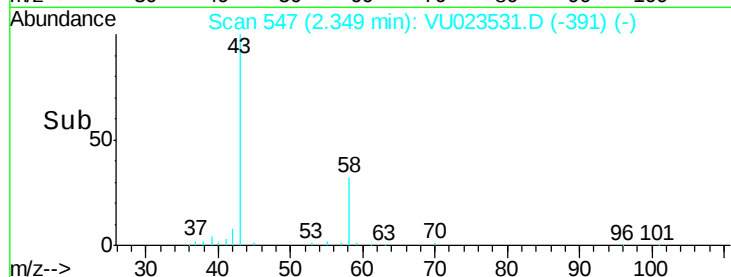
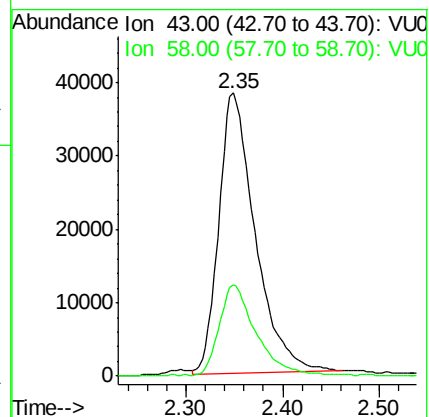
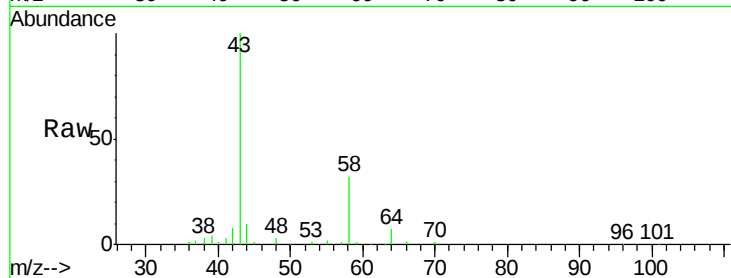
58 32.5 26.0 39.0

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#14

Carbon Disulfide

Concen: 9.75 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023531.D

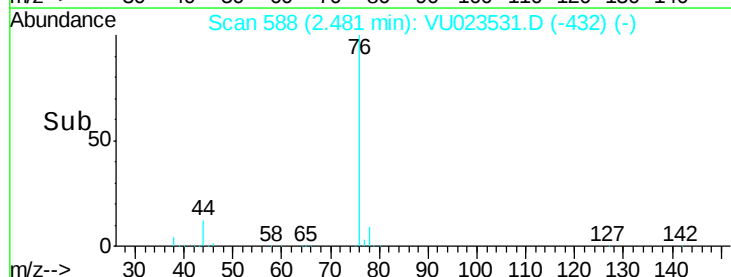
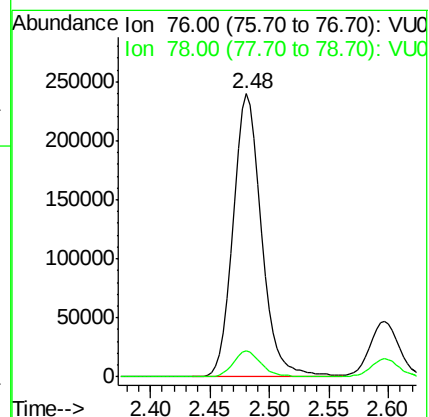
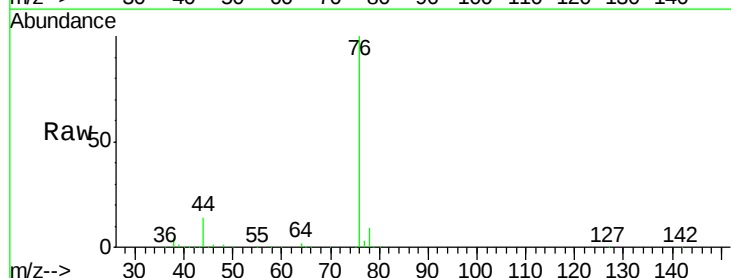
Acq: 30 Apr 2018 16:49

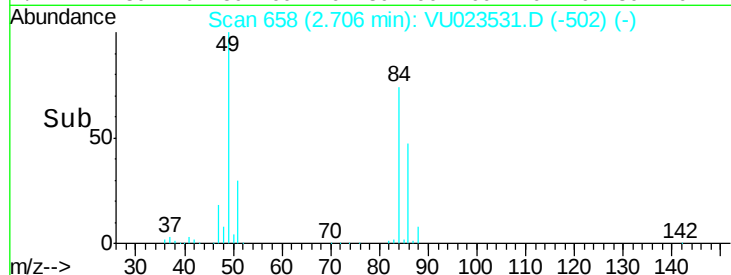
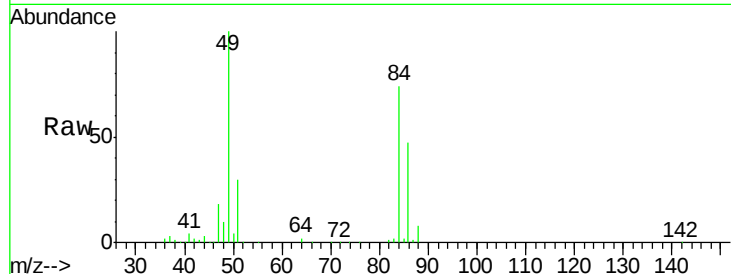
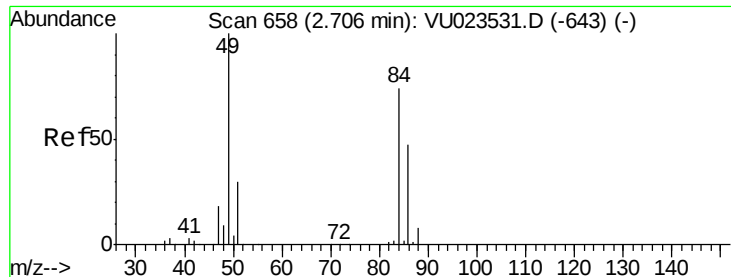
Tgt Ion: 76 Resp: 397118

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





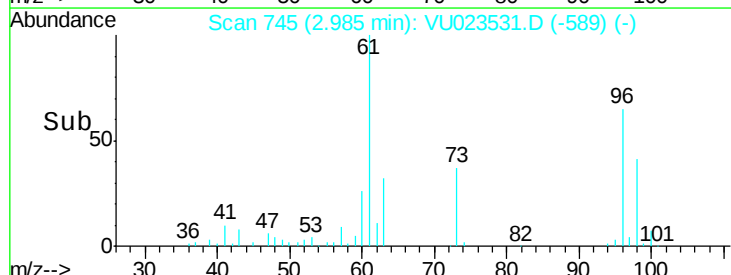
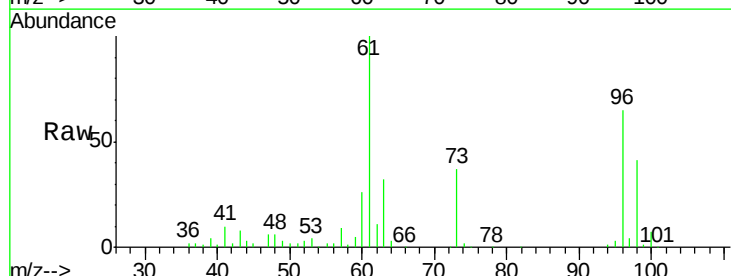
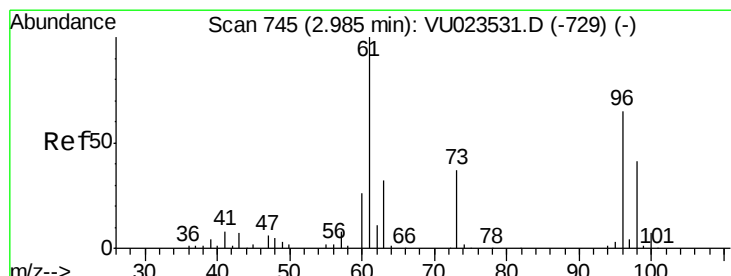
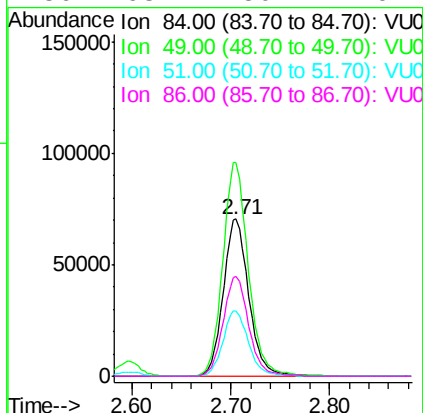
#15
Methvlene Chloride
Concen: 8.17 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tot Ion:	84	Resp:	128180
Ion	Ratio	Lower	Upper
84	100		
49	135.9	108.7	163.1
51	41.2	0.0	82.4
86	63.4	50.7	76.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

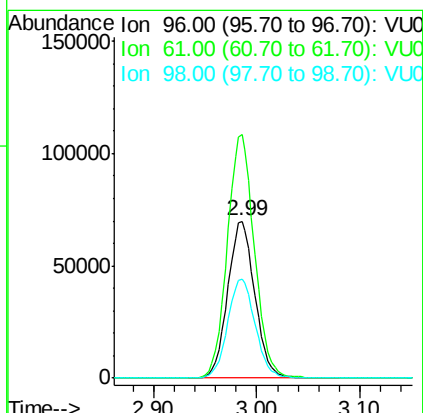
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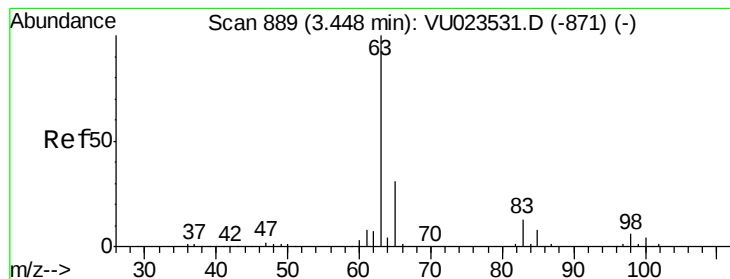
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#16
trans-1,2-Dichloroethene
Concen: 9.13 ug/l
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion:	96	Resp:	128021
Ion	Ratio	Lower	Upper
96	100		
61	154.9	123.9	185.9
98	63.3	50.6	76.0





#17

1,1-Dichloroethane

Concen: 9.76 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

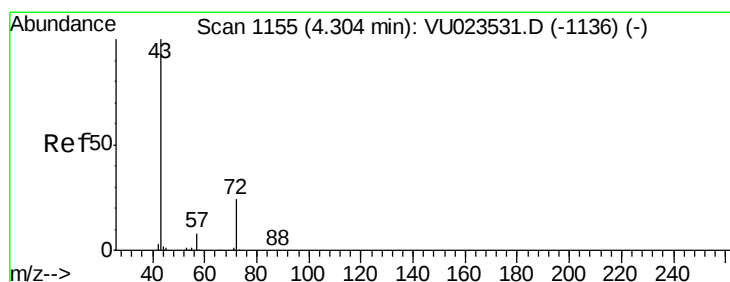
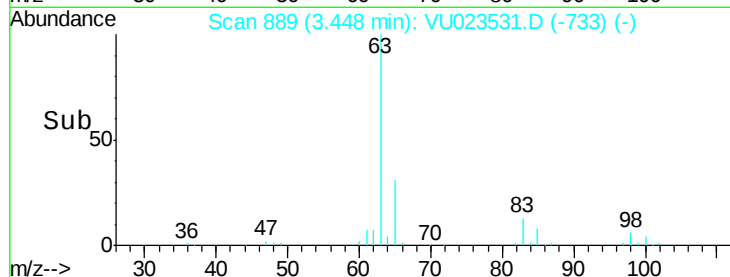
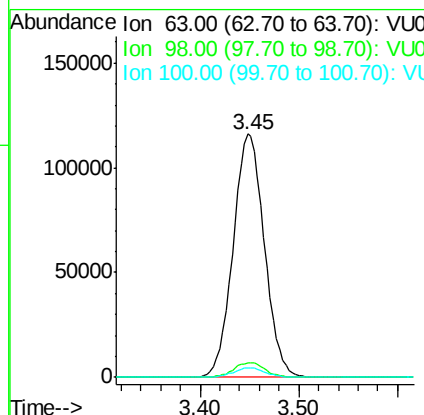
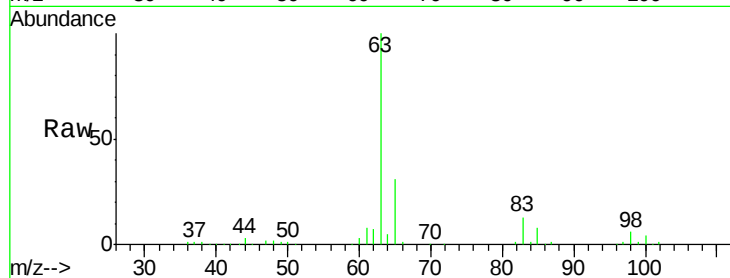
ClientSampleId :

VSTDICCC010

Tot Ion:	63	Resp:	255669
Ion Ratio	Lower	Upper	
63	100		
98	5.9	2.9	8.8
100	3.9	2.0	5.8

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#18

2-Butanone

Concen: 48.35 ug/l

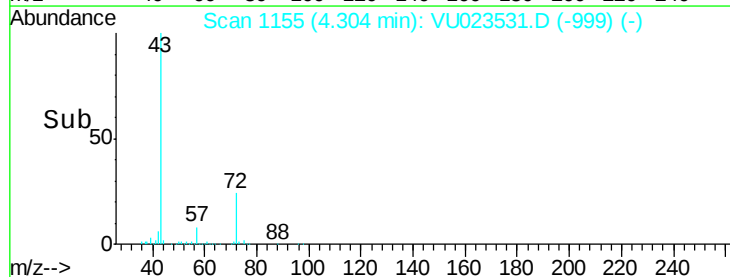
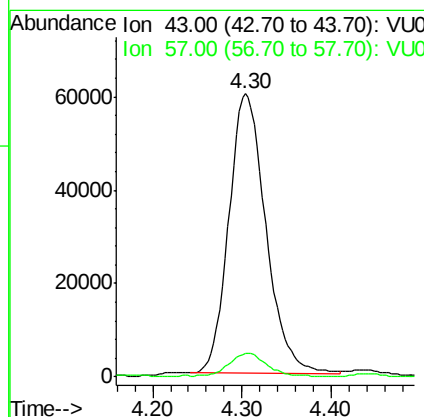
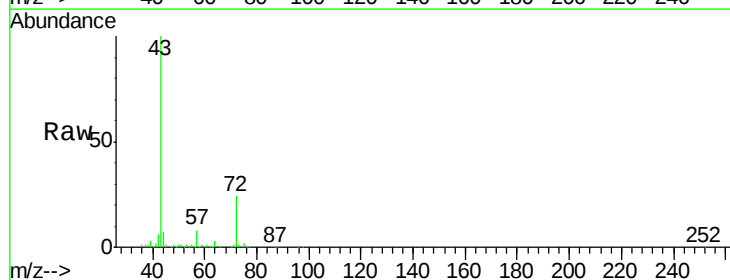
RT: 4.30 min Scan# 1155

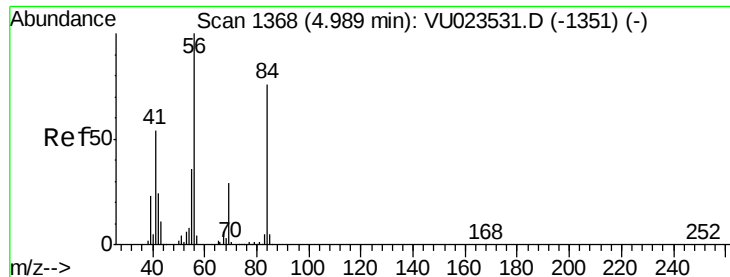
Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Tgt Ion:	43	Resp:	172989
Ion Ratio	Lower	Upper	
43	100		
57	7.9	0.0	15.8





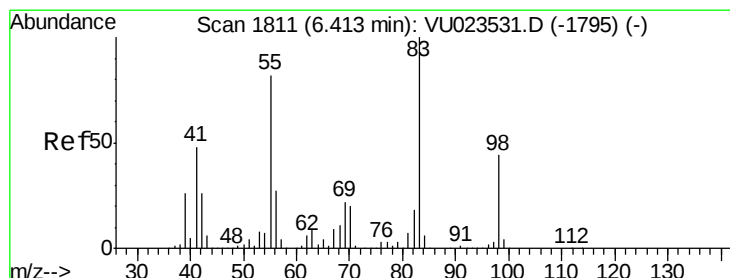
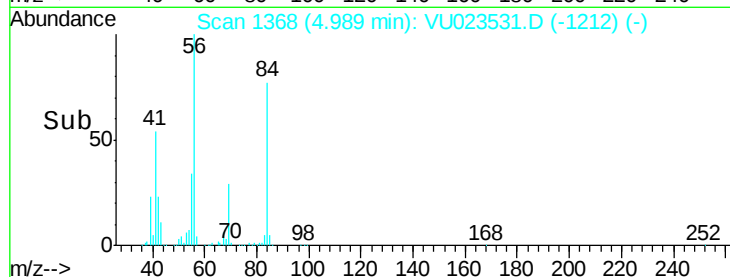
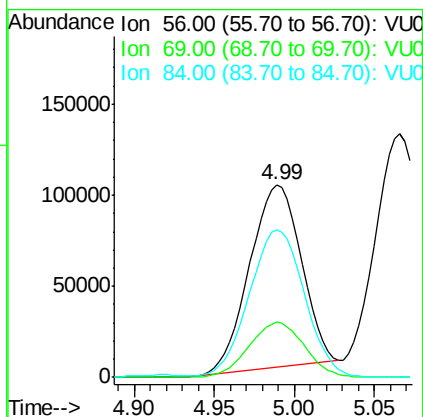
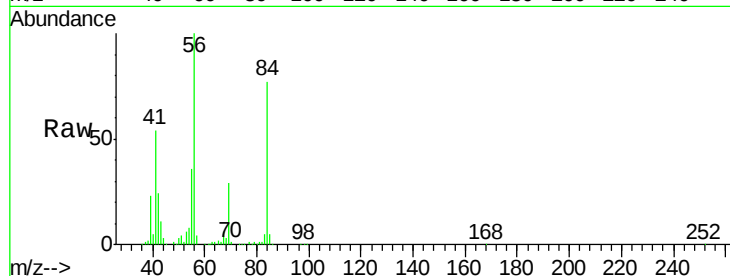
#19
Cyclohexane
Concen: 11.83 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.0	39.0
84	85.4	68.3	102.5

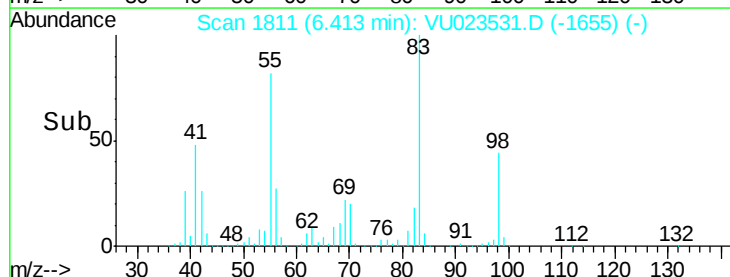
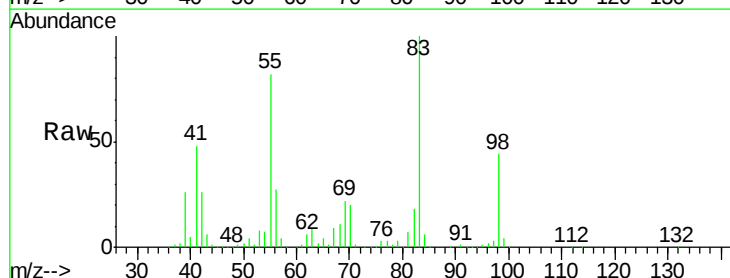
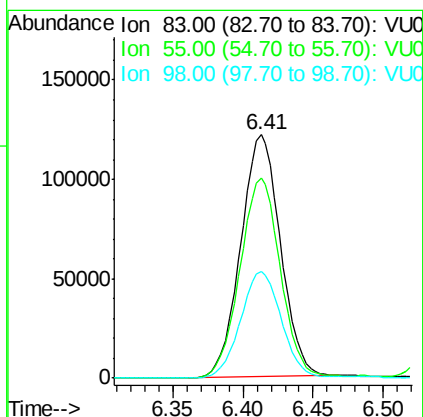
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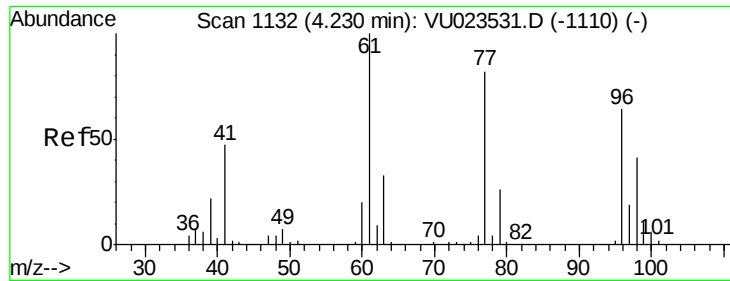
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#20
Methylcyclohexane
Concen: 10.98 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.4	99.6
98	44.3	35.4	53.2





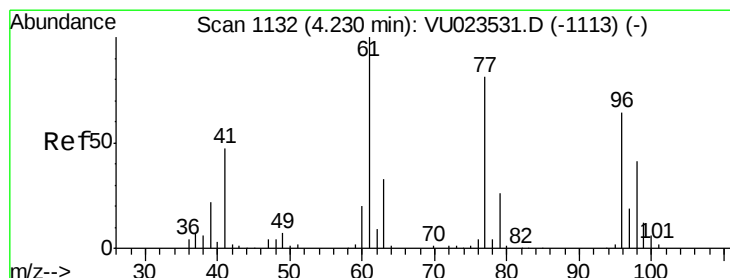
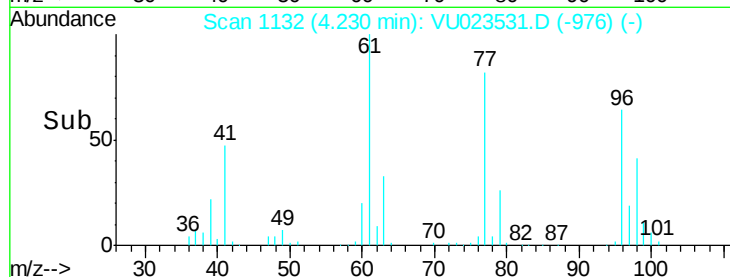
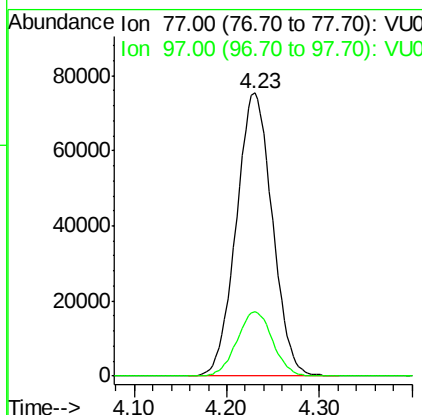
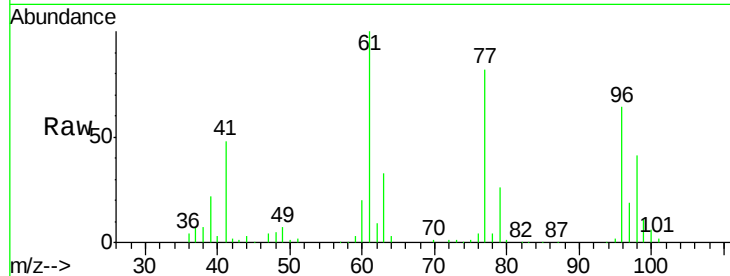
#21
 2,2-Dichloropropane
 Concen: 10.61 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion: 77 Resp: 203342
 Ion Ratio Lower Upper
 77 100
 97 22.4 17.9 26.9

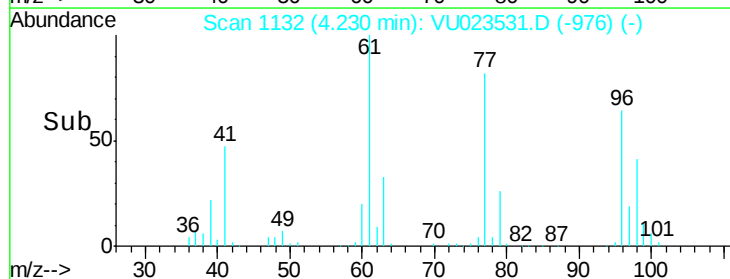
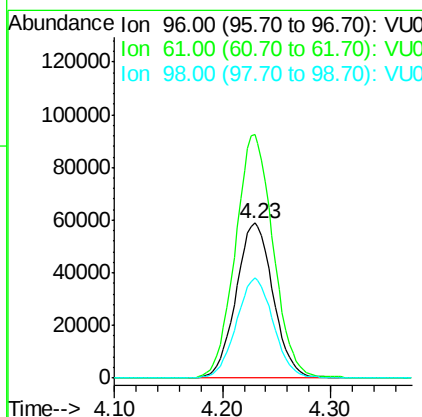
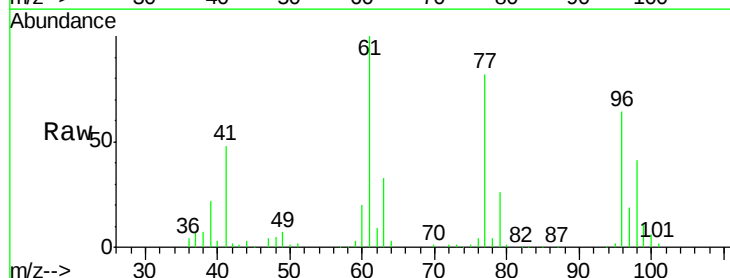
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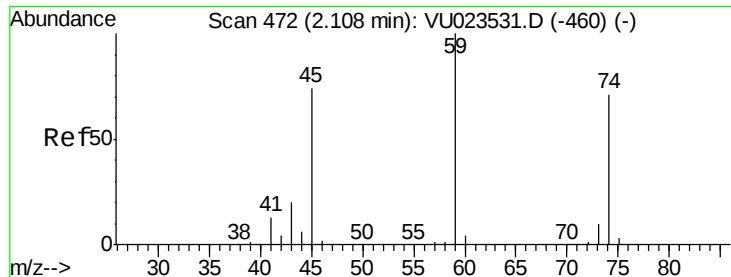
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#22
 cis-1,2-Dichloroethene
 Concen: 9.04 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion: 96 Resp: 140877
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 400.5
 98 64.4 32.2 96.6





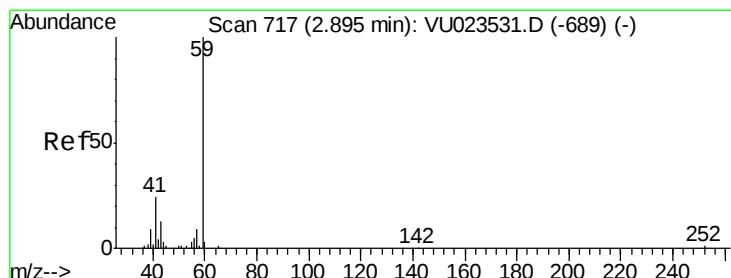
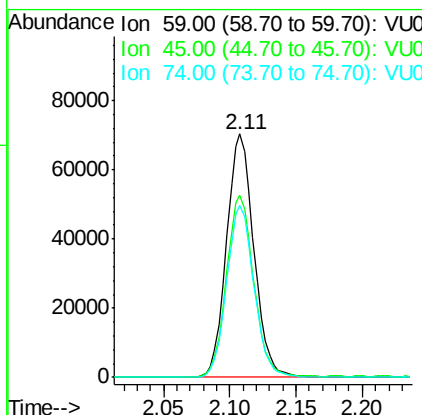
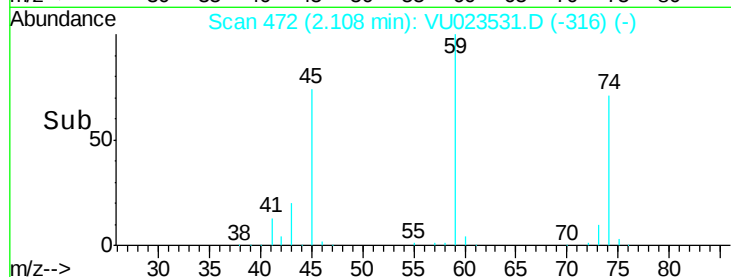
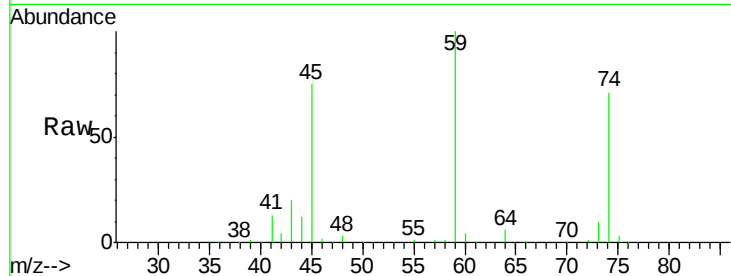
#23
Diethyl Ether
Concen: 9.52 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:	59	Resp:	100664
Ion	Ratio	Lower	Upper
59	100		
45	75.0	60.0	90.0
74	70.6	56.5	84.7

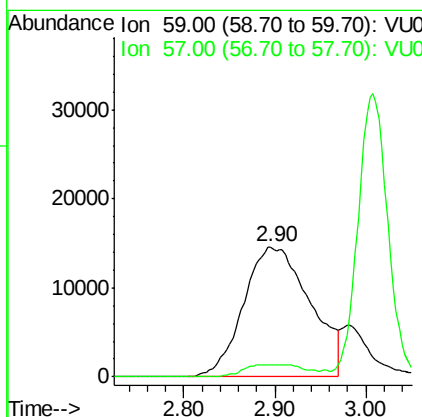
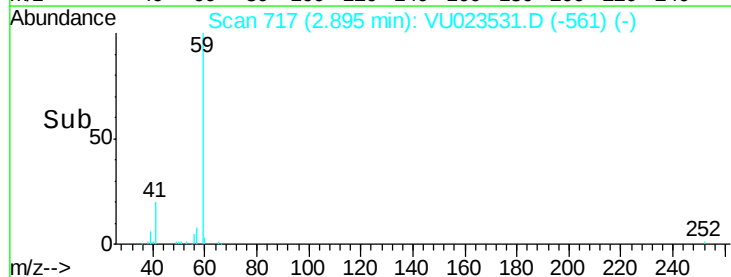
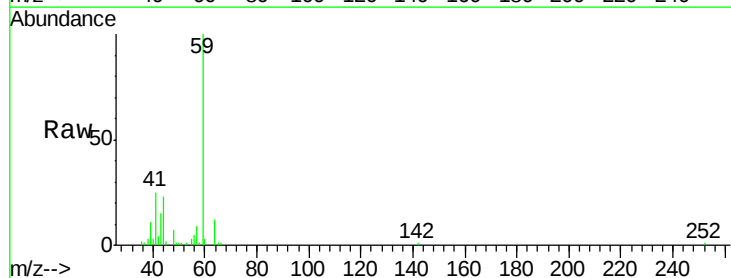
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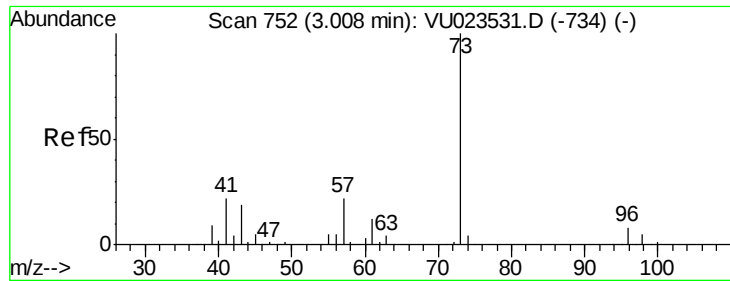
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#24
tert-Butyl Alcohol
Concen: 71.96 ug/l
RT: 2.90 min Scan# 717
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion:	59	Resp:	74149
Ion	Ratio	Lower	Upper
59	100		
57	4.3	3.4	5.2





#25

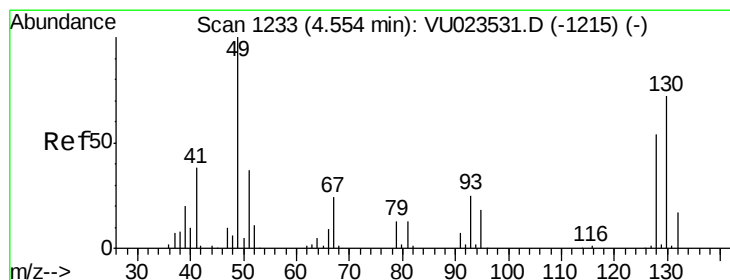
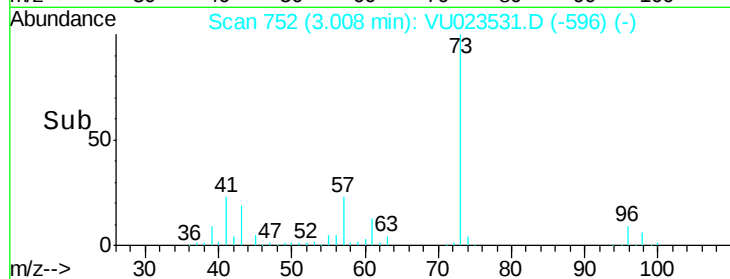
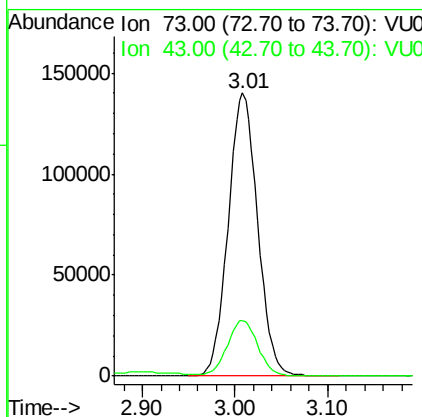
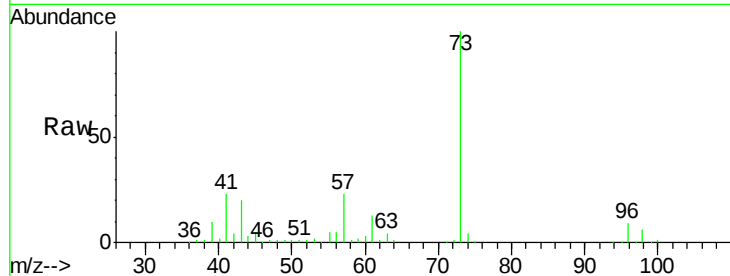
Methyl tert-Butyl Ether
Concen: 9.40 ug/l
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	73	Resp	308346
Ion Ratio	100	Lower	Upper
73	100		
43	20.2	16.2	24.2

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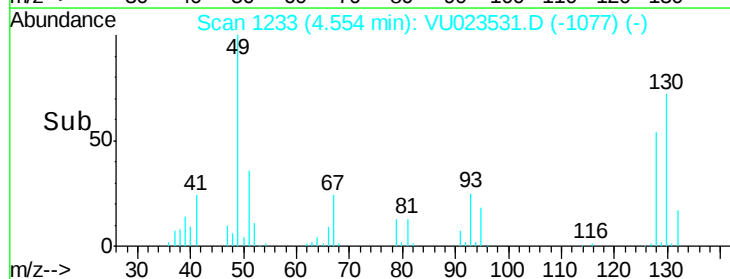
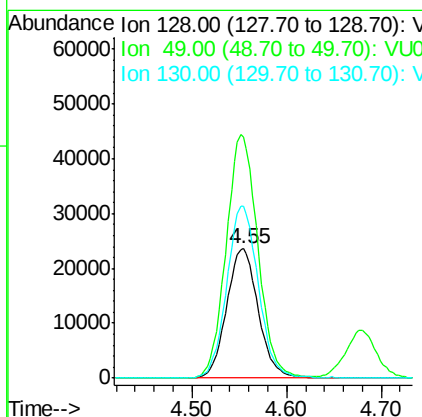
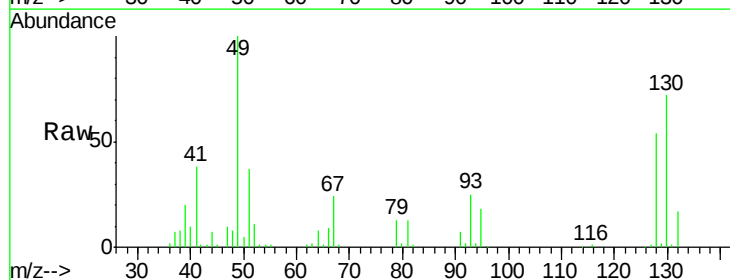
apatel
5/3/2018 4:49:04 PM

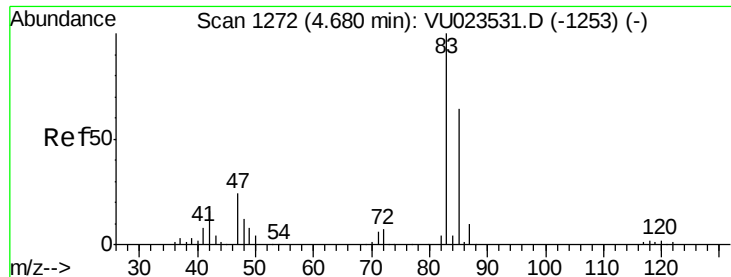


#26

Bromochloromethane
Concen: 8.03 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	128	Resp	54909
Ion Ratio	100	Lower	Upper
128	100		
49	187.6	0.0	375.2
130	132.2	105.8	158.6





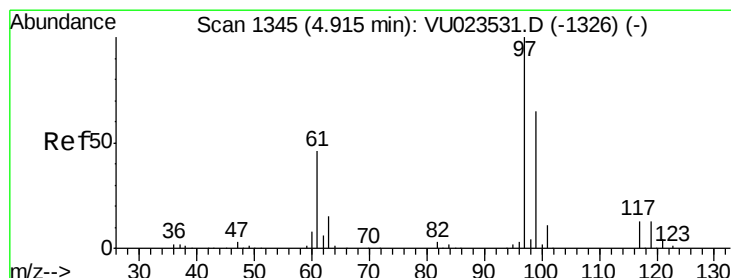
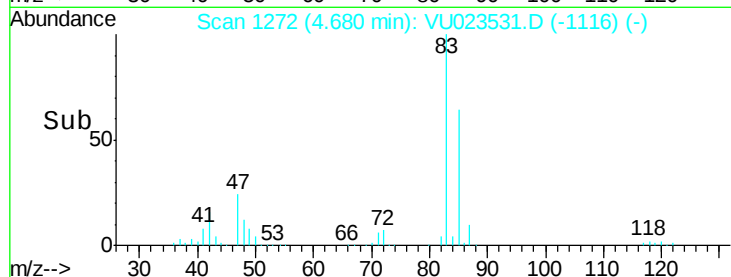
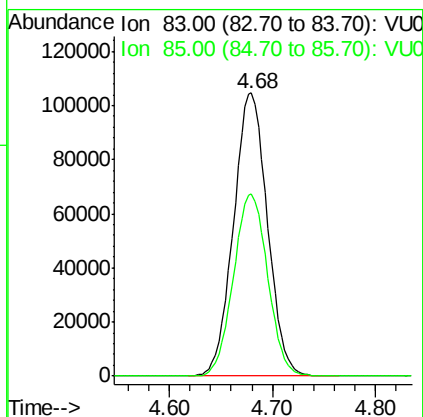
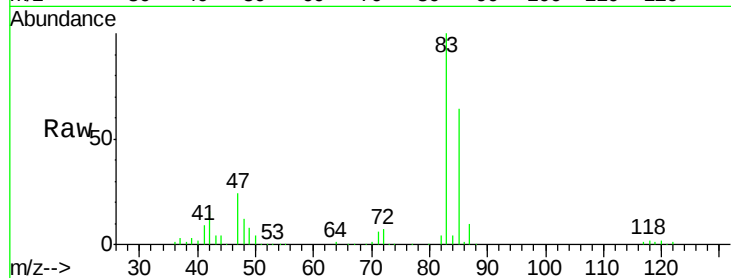
#27
Chloroform
Concen: 9.18 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	83	Resp	239650
Ion Ratio	100	Lower	Upper
85	64.2	0.0	128.4

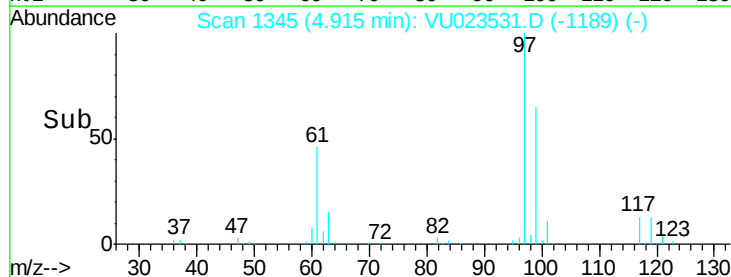
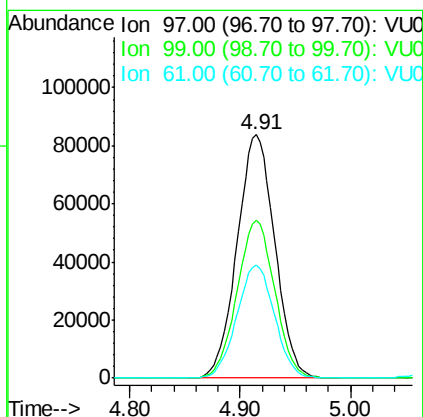
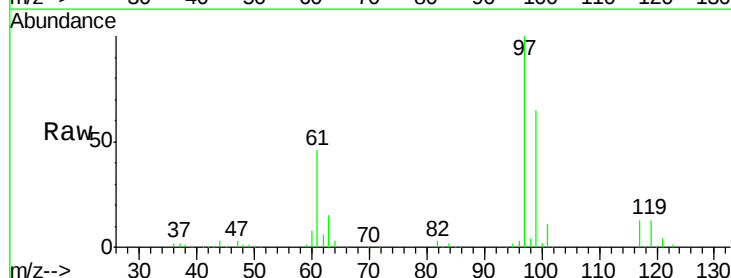
Manual Integrations
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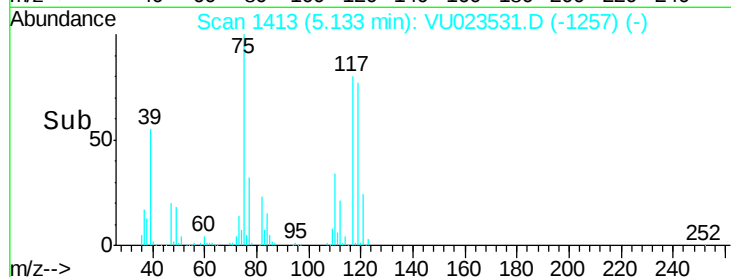
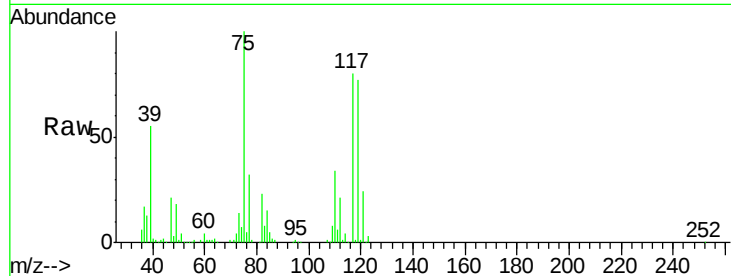
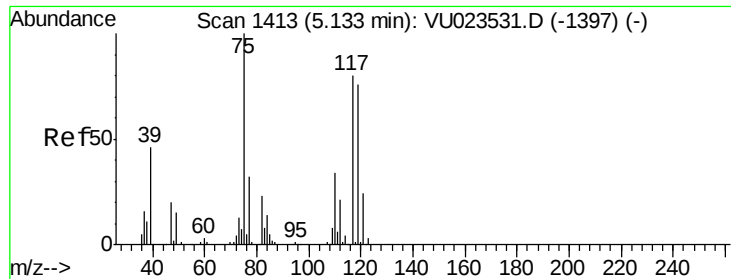
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#28
1,1,1-Trichloroethane
Concen: 9.89 ug/l
RT: 4.91 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	97	Resp	198652
Ion Ratio	100	Lower	Upper
99	64.6	32.3	96.9
61	46.3	23.2	69.5





#29

1,1-Dichloropropene

Concen: 9.94 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023531.D

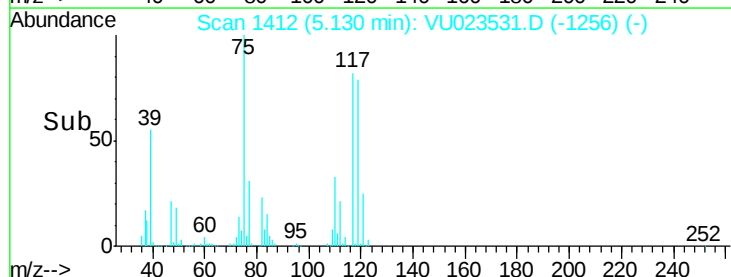
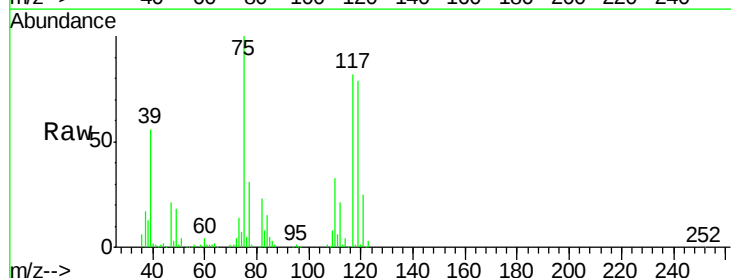
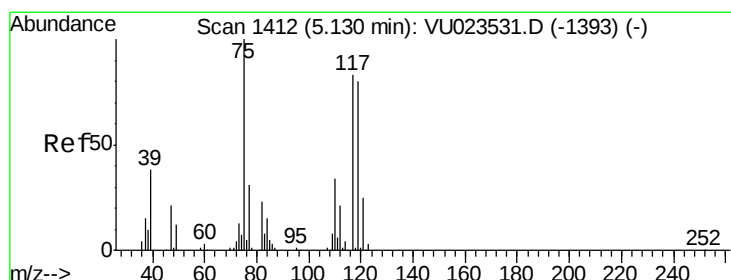
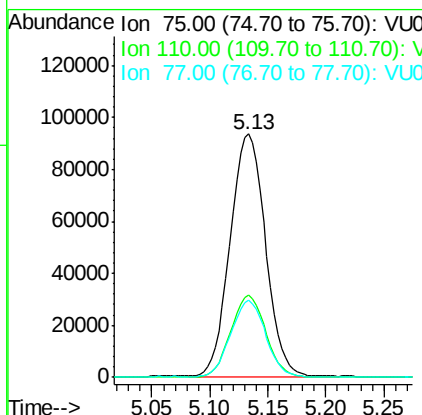
Acq: 30 Apr 2018 16:49

Tot Ion:	75	Resp:	196665
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.9	50.7
77	31.0	24.8	37.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

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#30

Carbon Tetrachloride

Concen: 10.16 ug/l

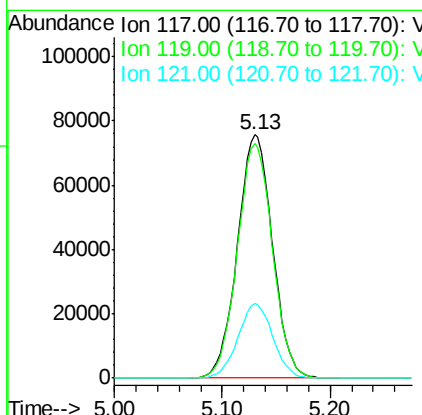
RT: 5.13 min Scan# 1412

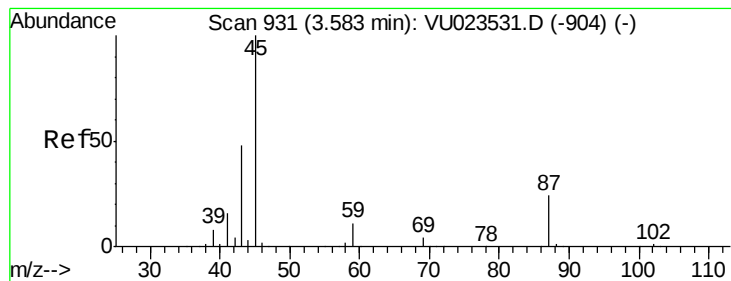
Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Tgt Ion:	117	Resp:	170986
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.3	115.9
121	30.6	24.5	36.7





#31

Isopropyl Ether

Concen: 10.85 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 45 Resp: 433749

Ion Ratio Lower Upper

45 100

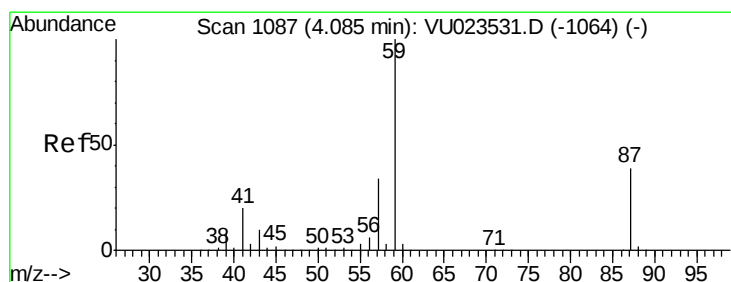
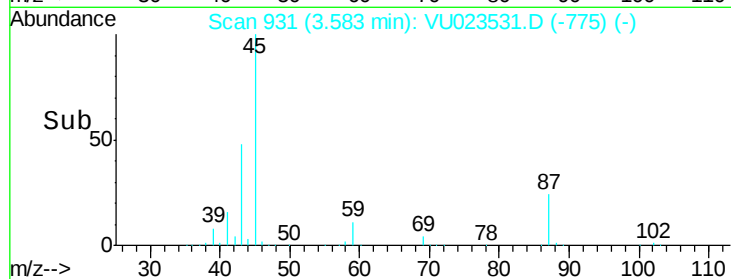
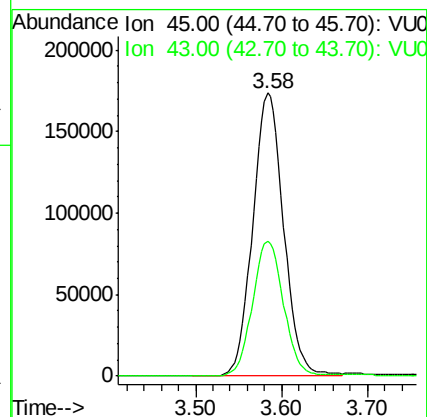
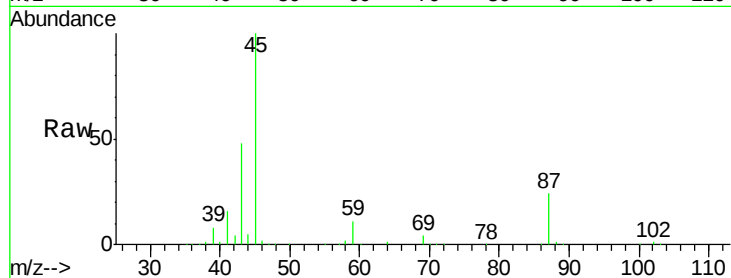
43 48.0 24.0 72.0

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 10.43 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU023531.D

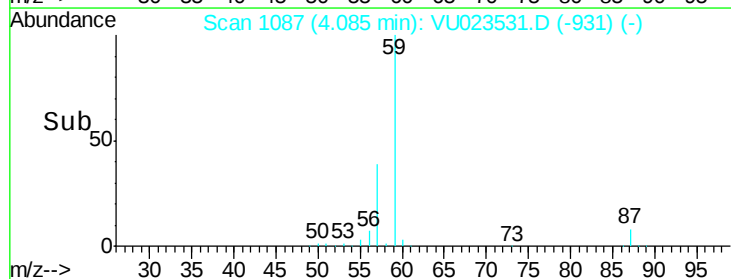
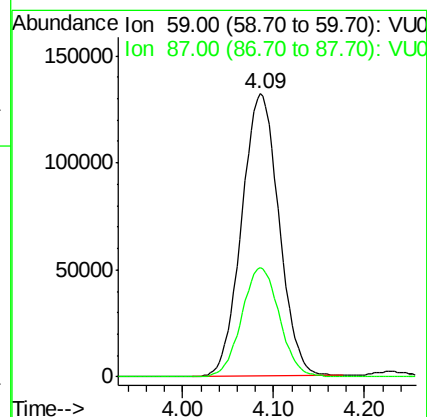
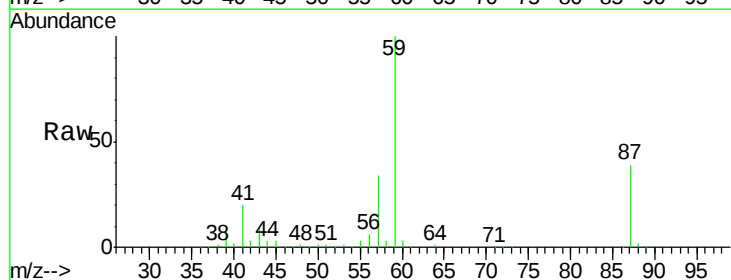
Acq: 30 Apr 2018 16:49

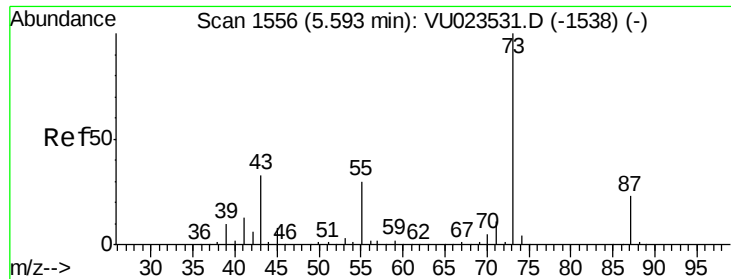
Tgt Ion: 59 Resp: 376018

Ion Ratio Lower Upper

59 100

87 38.8 31.0 46.6





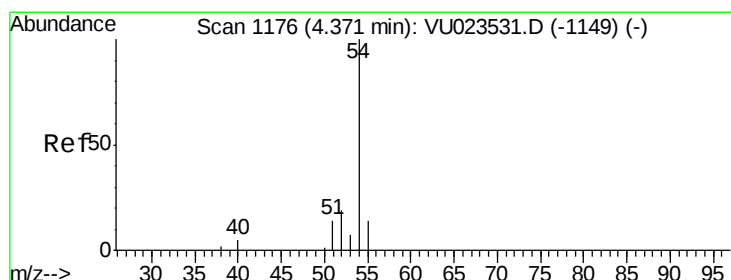
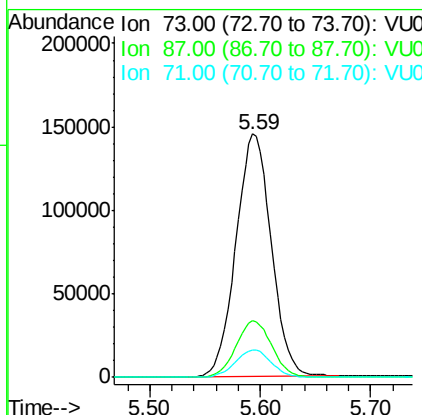
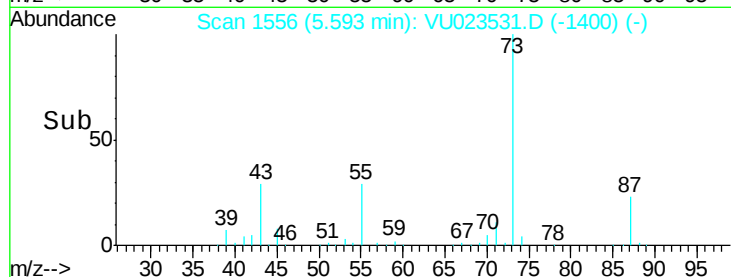
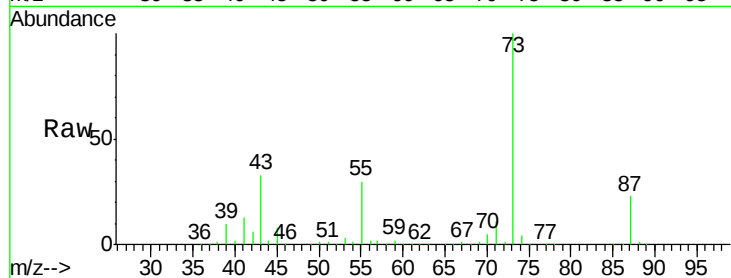
#33
Tert-Butyl methyl ether
Concen: 10.31 ug/l
RT: 5.59 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.3	18.6	28.0
71	11.6	9.3	13.9

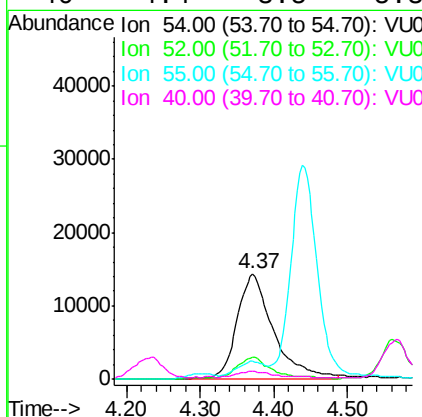
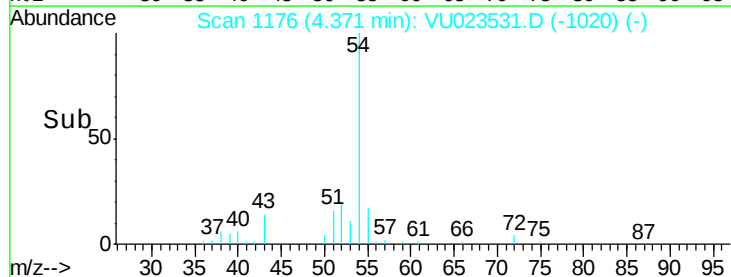
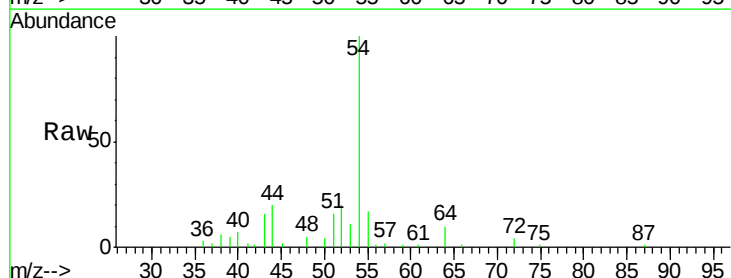
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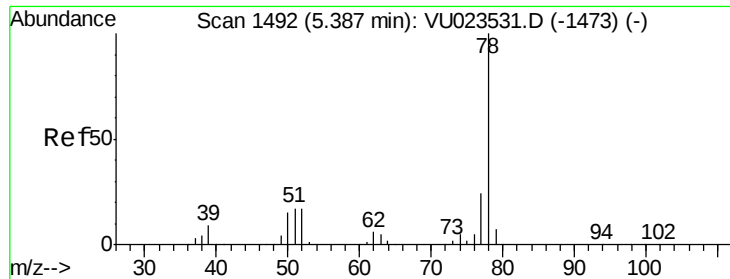
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#34
Propionitrile
Concen: 45.58 ug/l
RT: 4.37 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
54	100		
52	17.1	13.7	20.5
55	12.7	10.2	15.2
40	4.4	3.5	5.3





#35

Benzene

Concen: 10.06 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 78 Resp: 602292

Ion Ratio Lower Upper

78 100

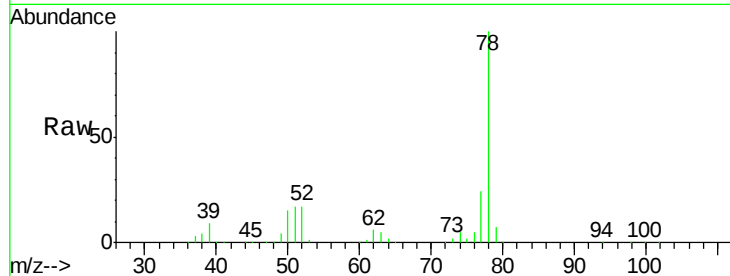
77 23.9 19.1 28.7

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.39

300000

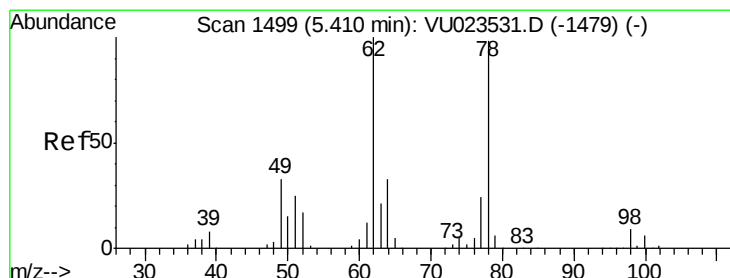
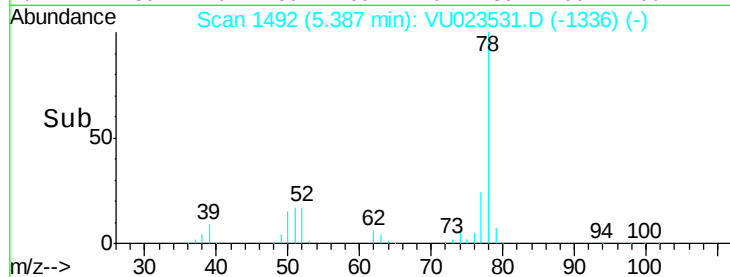
200000

100000

0

5.30 5.40 5.50

Time-->



#36

1,2-Dichloroethane

Concen: 10.41 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU023531.D

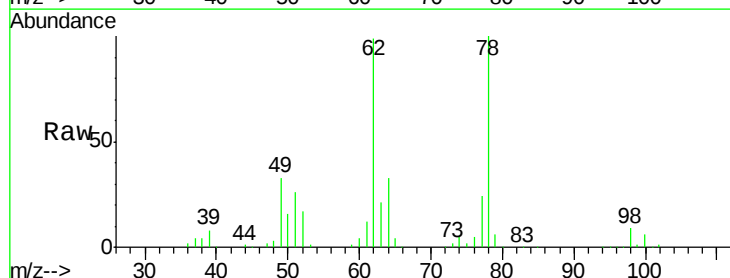
Acq: 30 Apr 2018 16:49

Tgt Ion: 62 Resp: 165331

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.41

80000

60000

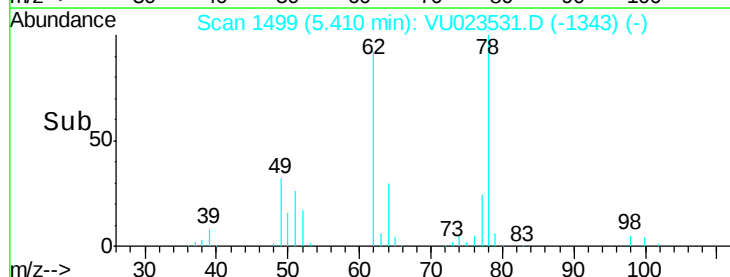
40000

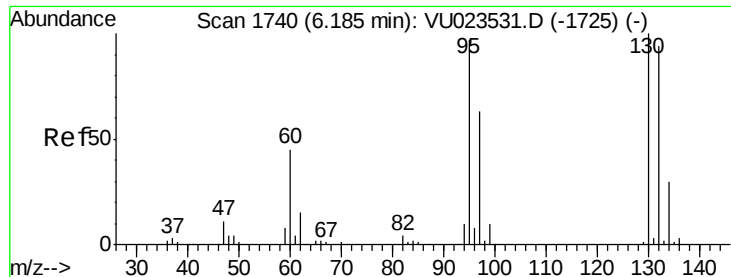
20000

0

5.30 5.40 5.50

Time-->





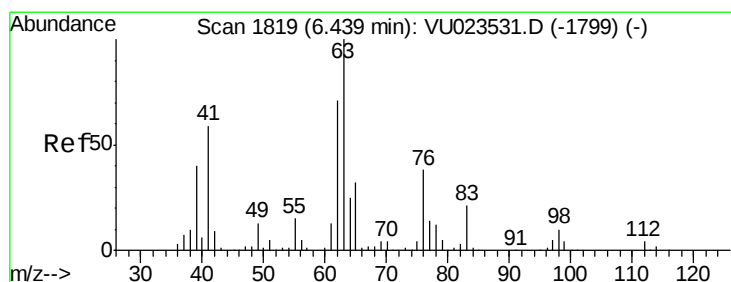
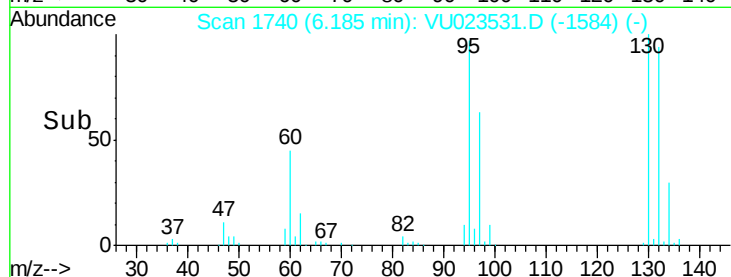
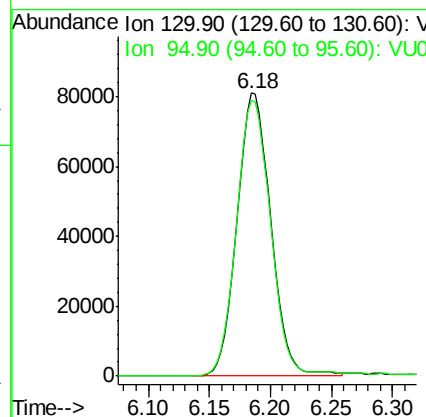
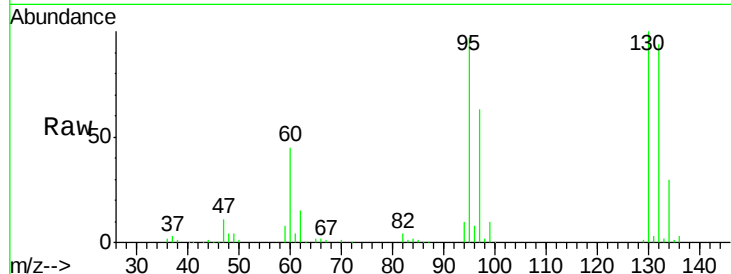
#37
 Trichloroethene
 Concen: 9.76 ug/l
 RT: 6.18 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		155810		
95	97.4		77.9	116.9	

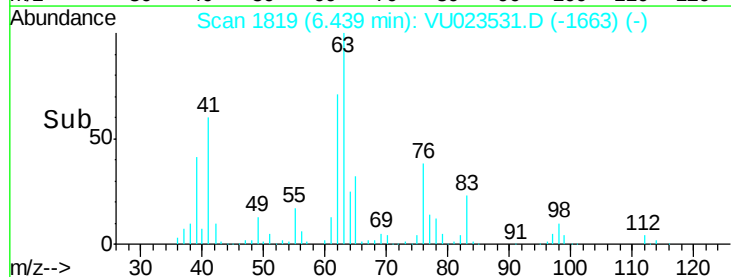
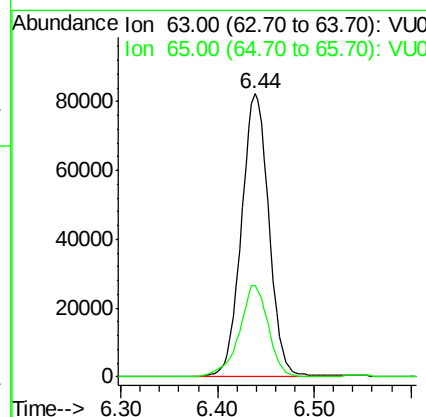
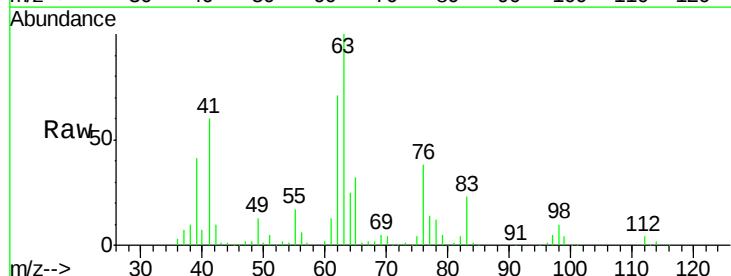
Manual Integrations
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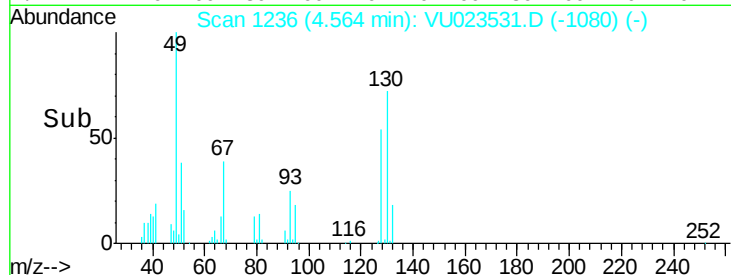
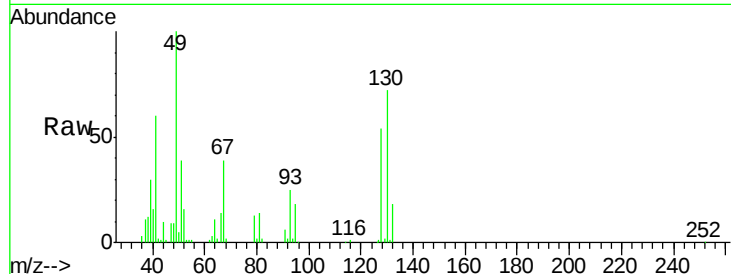
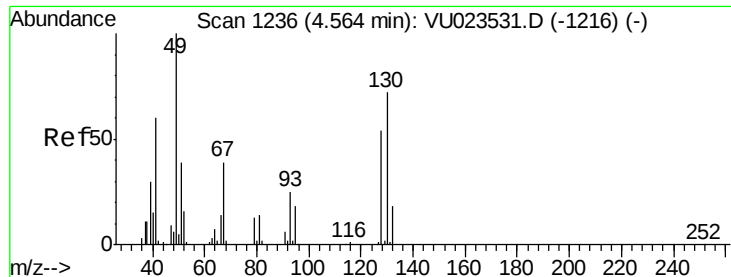
apatel
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#38
 1,2-Dichloropropane
 Concen: 10.70 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		162961		
65	32.3		25.8	38.8	





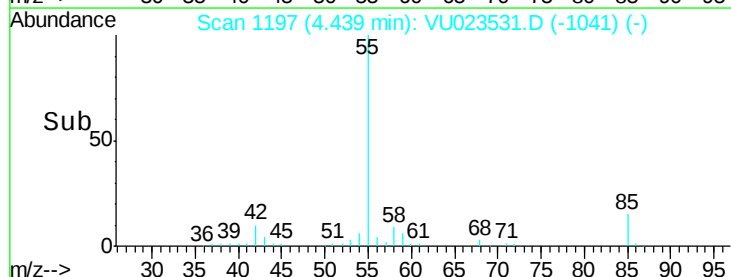
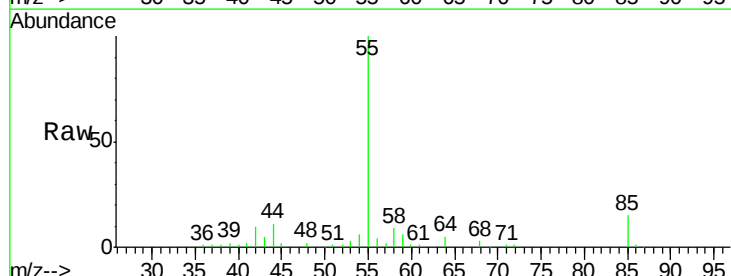
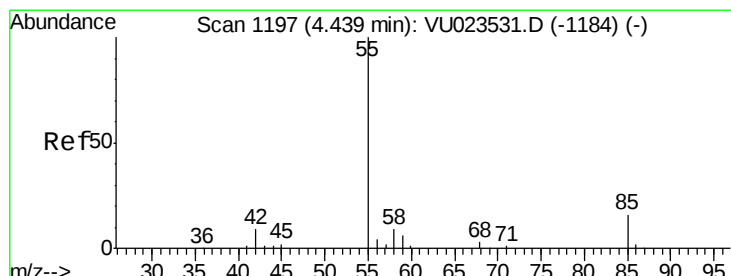
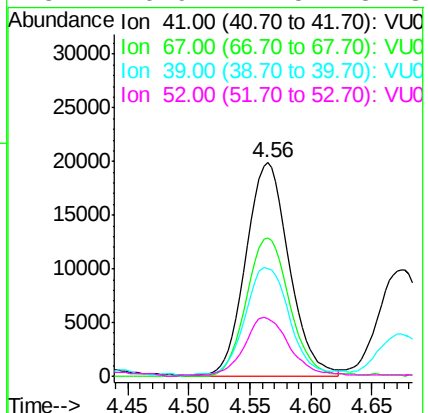
#39
Methacrylonitrile
Concen: 10.91 ug/l
RT: 4.56 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tot Ion	41	Resp	48977
Ion	Ratio	Lower	Upper
41	100		
67	64.1	51.3	76.9
39	50.7	40.6	60.8
52	26.9	21.5	32.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

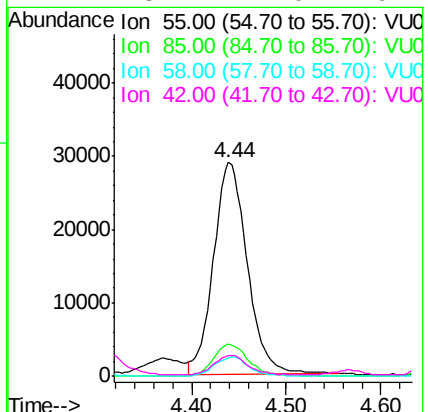
Manual Integrations
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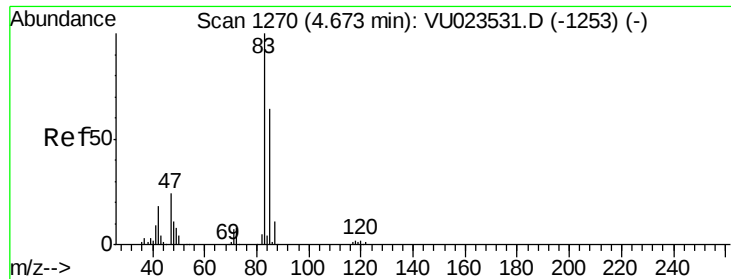
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#40
Methyl acrylate
Concen: 10.63 ug/l
RT: 4.44 min Scan# 1197
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	55	Resp	72173
Ion	Ratio	Lower	Upper
55	100		
85	15.4	12.3	18.5
58	8.8	7.0	10.6
42	8.7	7.0	10.4





#41

Tetrahydrofuran

Concen: 18.97 ug/l

RT: 4.67 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

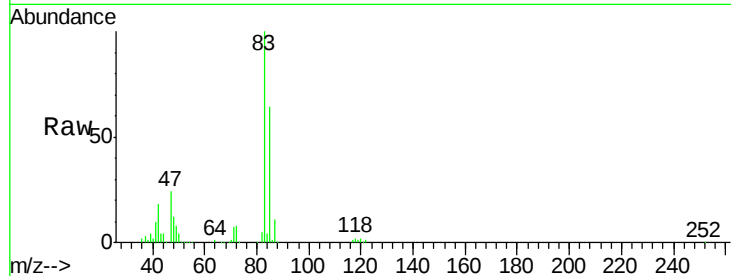
ClientSampleId :

VSTDICCC010

Tot Ion:	42	Resp:	47534
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.2	49.8
71	37.3	29.8	44.8

Manual Integrations
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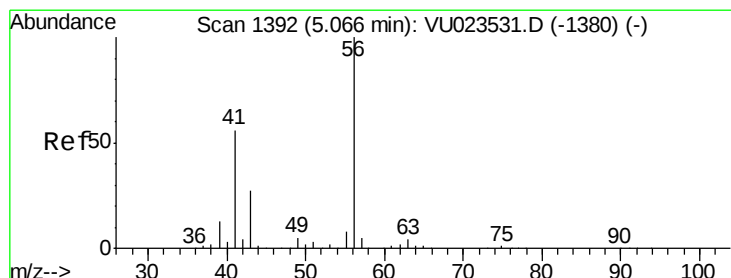
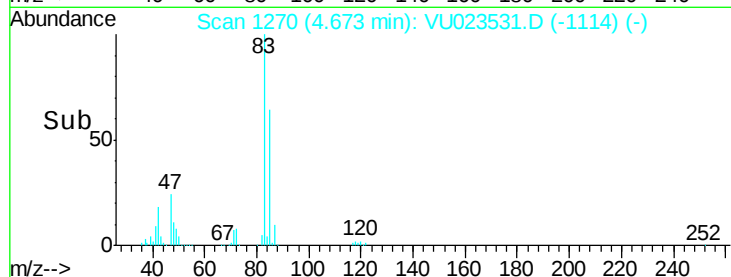
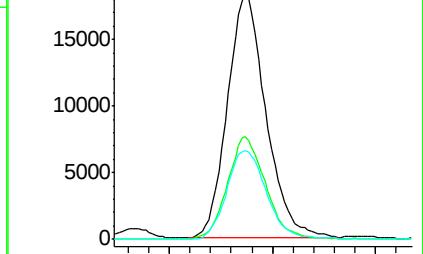
apatel
5/3/2018 4:49:04 PM



Abundance Ion 42.00 (41.70 to 42.70): VU023531.D (-1253) (-)

Ion 72.00 (71.70 to 72.70): VU023531.D (-1253) (-)

Ion 71.00 (70.70 to 71.70): VU023531.D (-1253) (-)



#42

1-Chlorobutane

Concen: 10.71 ug/l

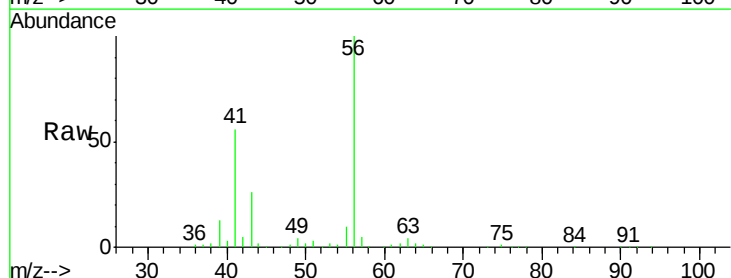
RT: 5.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU023531.D

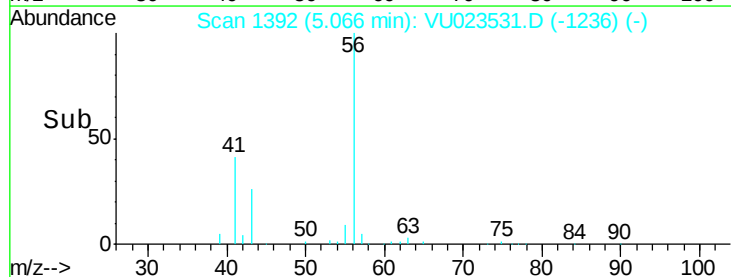
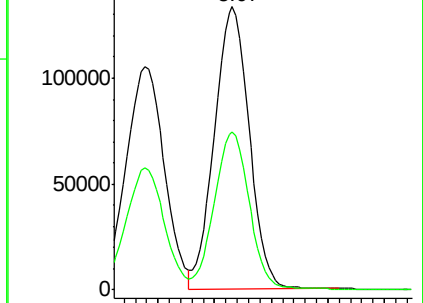
Acq: 30 Apr 2018 16:49

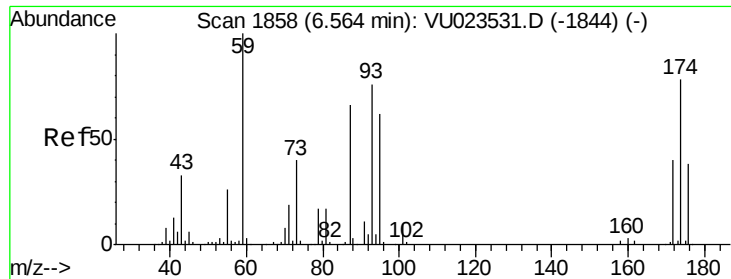
Tgt Ion:	56	Resp:	285113
Ion	Ratio	Lower	Upper
56	100		
41	55.0	27.5	82.5



Abundance Ion 56.00 (55.70 to 56.70): VU023531.D (-1380) (-)

Ion 41.00 (40.70 to 41.70): VU023531.D (-1380) (-)





#43

Dibromomethane

Concen: 9.63 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

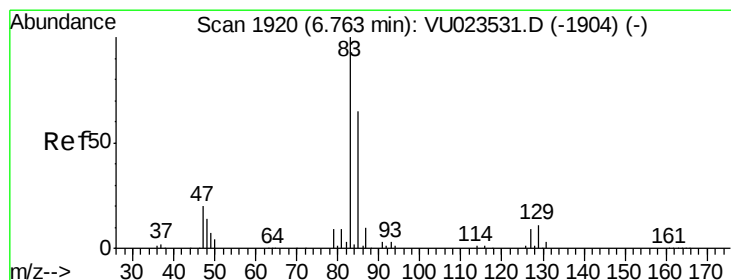
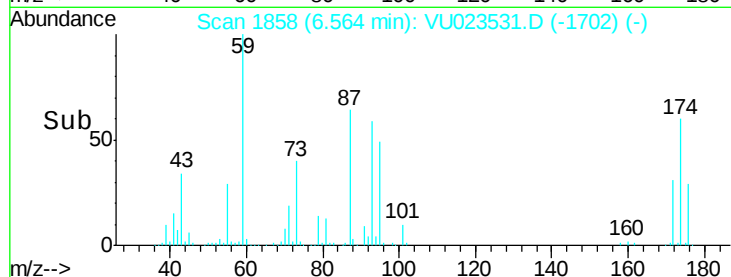
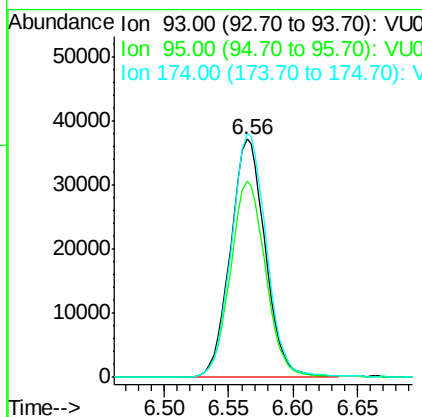
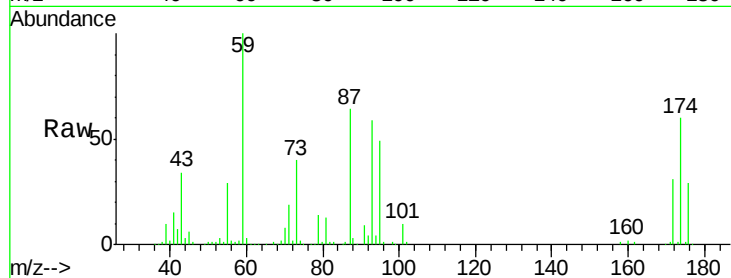
ClientSampleId :

VSTDICCC010

Tot Ion	93	Resp	69489
Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.2	100.8
174	103.5	82.8	124.2

Manual Integrations
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#44

Bromodichloromethane

Concen: 10.41 ug/l

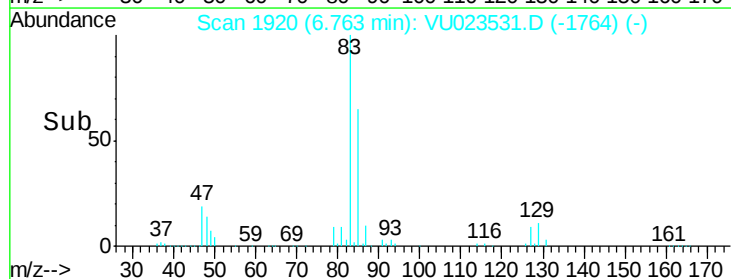
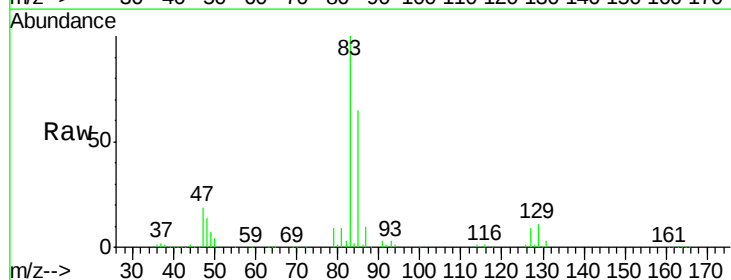
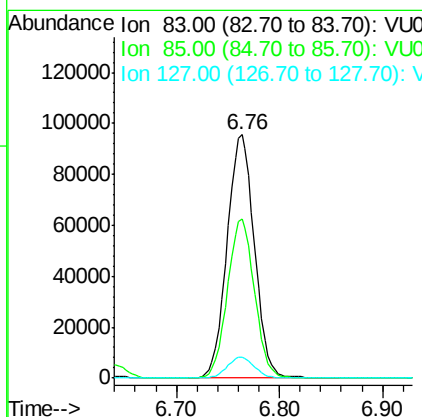
RT: 6.76 min Scan# 1920

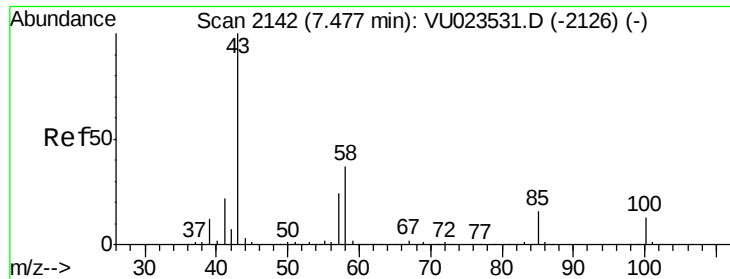
Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Tgt Ion	83	Resp	175607
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4
127	8.7	7.0	10.4





#45

4-Methyl-2-Pentanone

Concen: 52.61 ug/l

RT: 7.48 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

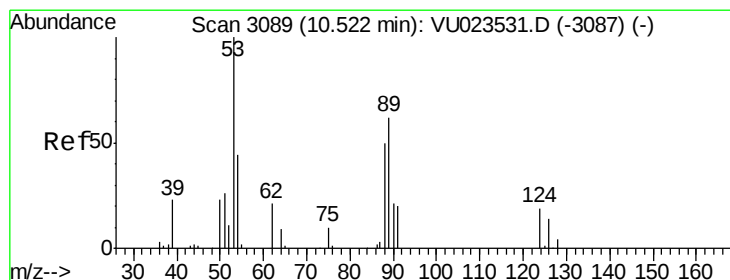
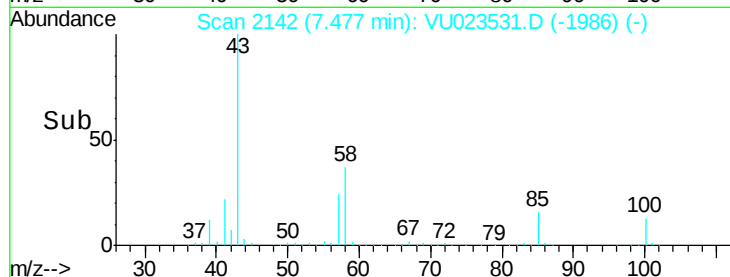
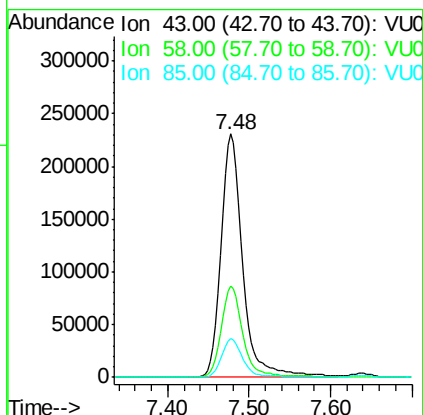
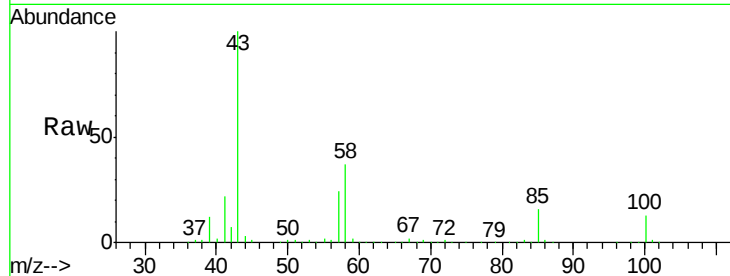
ClientSampleId :

VSTDICCC010

Tot Ion:	43	Resp:	437079
Ion	Ratio	Lower	Upper
43	100		
58	37.6	18.8	56.4
85	15.8	12.6	19.0

Manual Integrations
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#46

t-1,4-Dichloro-2-butene

Concen: 18.46 ug/l m

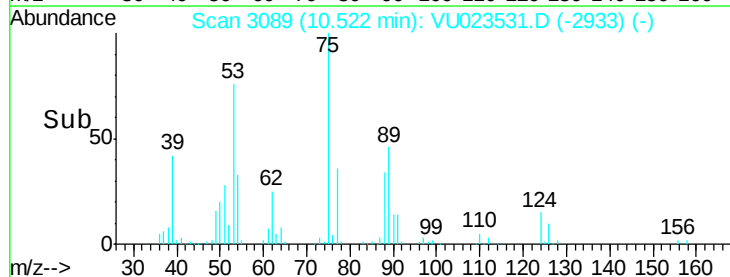
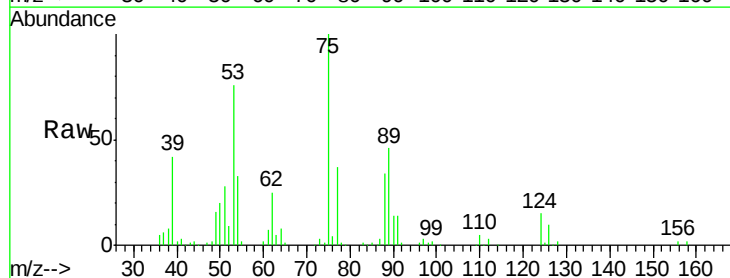
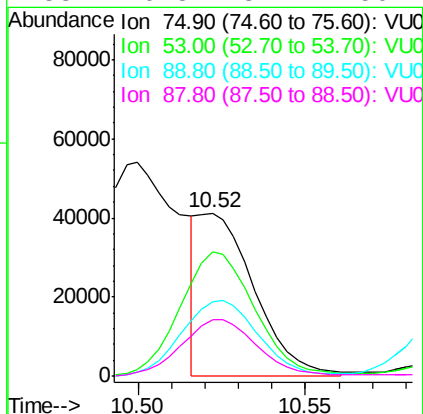
RT: 10.52 min Scan# 3089

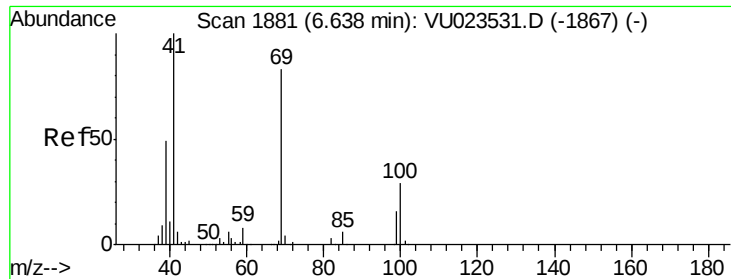
Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Tgt Ion:	75	Resp:	47837
Ion	Ratio	Lower	Upper
75	100		
53	102.8	82.2	123.4
89	64.1	51.3	76.9
88	46.8	37.4	56.2





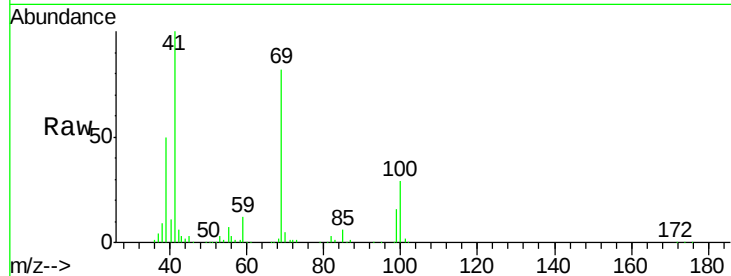
#47
Methyl methacrylate
Concen: 19.66 ug/l
RT: 6.64 min Scan# 1881
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

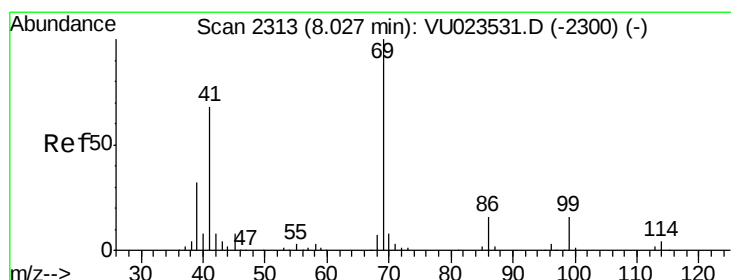
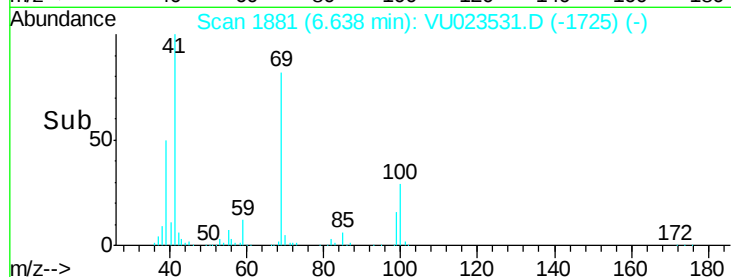
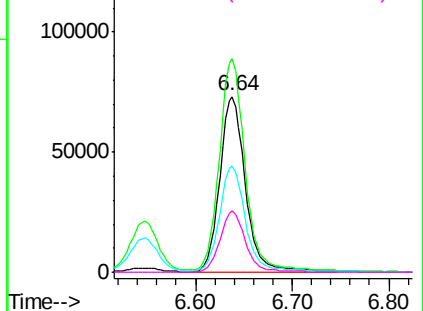
Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	122.7	0.0	245.4		
39	61.2	49.0	73.4		
100	34.8	27.8	41.8		

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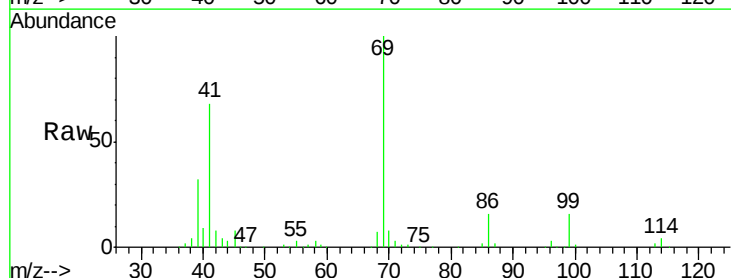


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

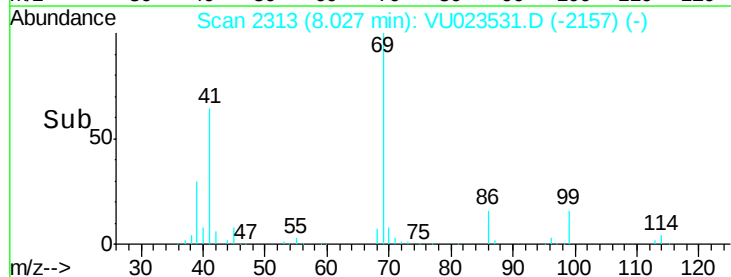
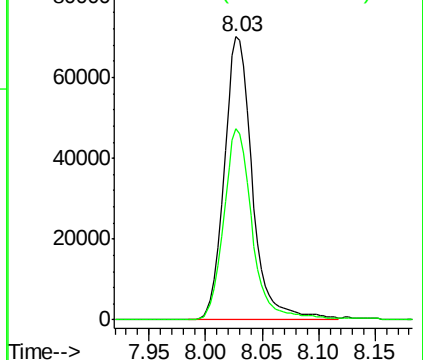


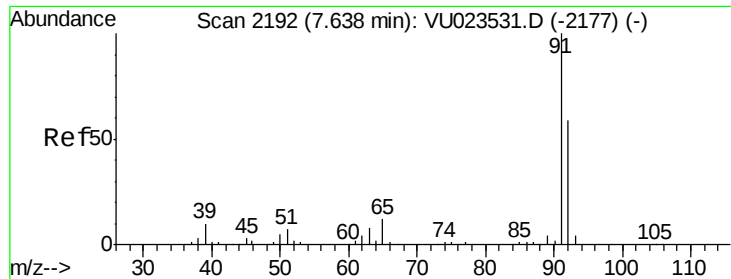
#48
Ethyl methacrylate
Concen: 9.96 ug/l
RT: 8.03 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	68.3	34.2	102.5		



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





#49

Toluene

Concen: 10.24 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 92 Resp: 358863

Ion Ratio Lower Upper

92 100

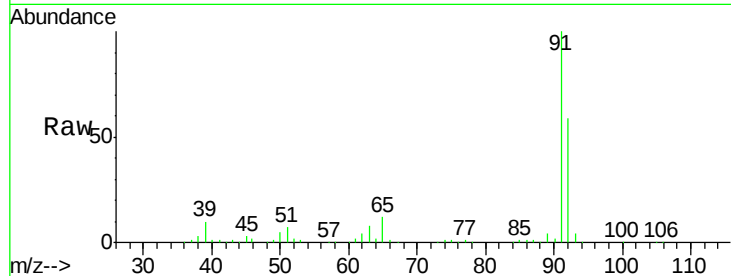
91 171.4 137.1 205.7

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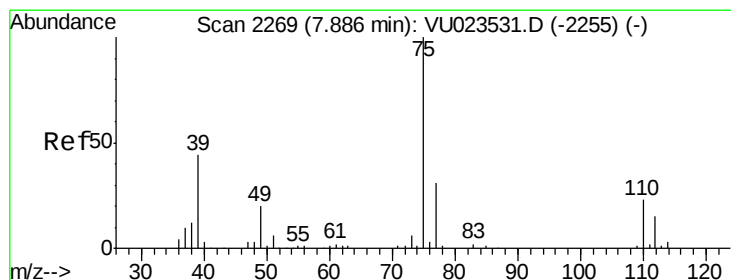
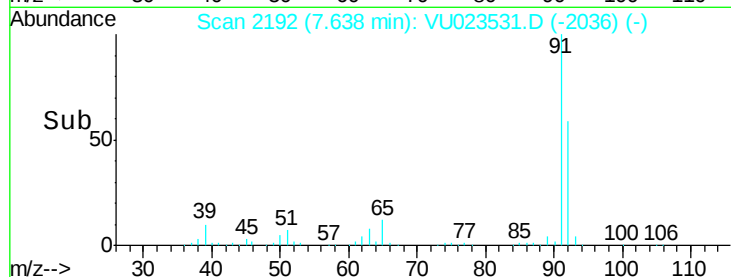
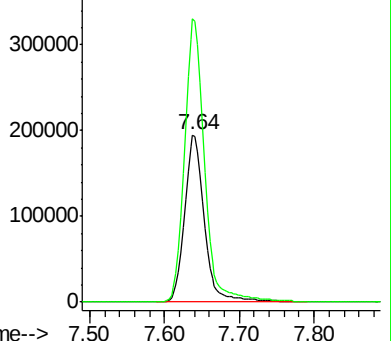
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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 11.12 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023531.D

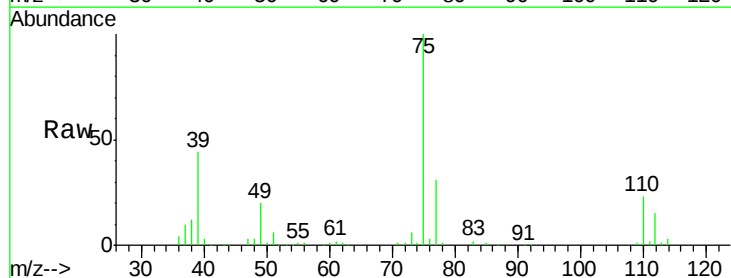
Acq: 30 Apr 2018 16:49

Tgt Ion: 75 Resp: 161368

Ion Ratio Lower Upper

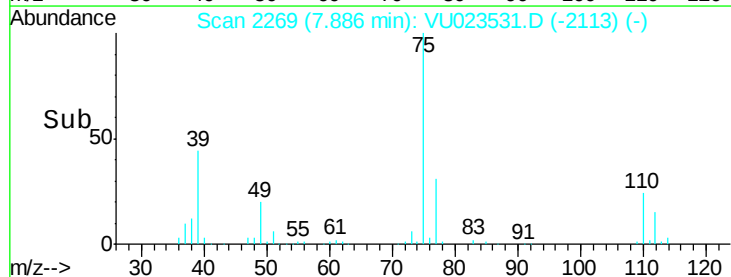
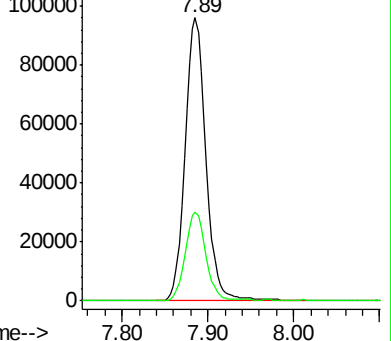
75 100

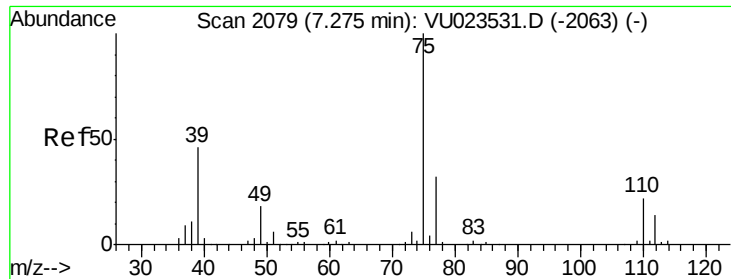
77 31.5 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#51

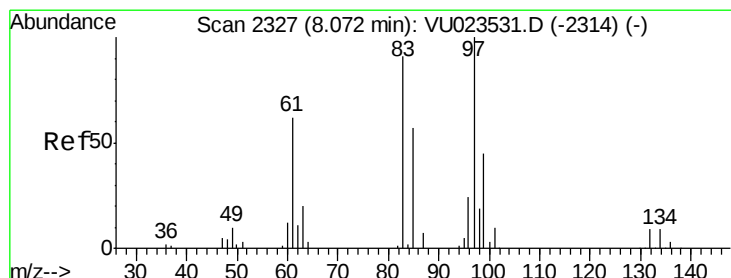
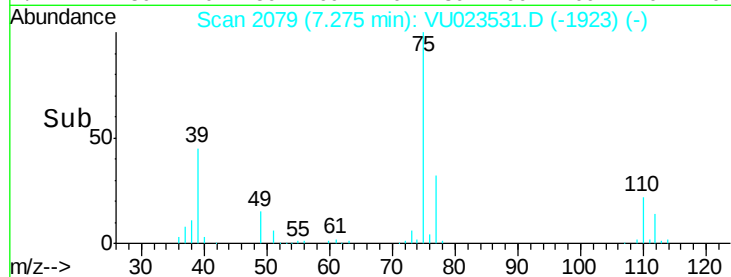
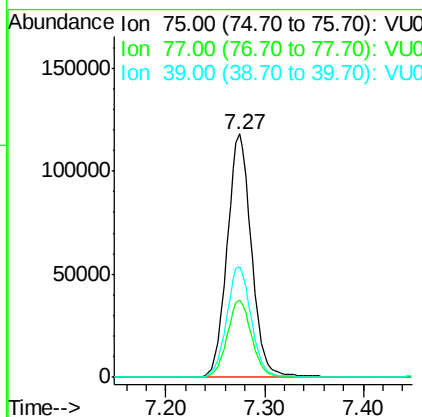
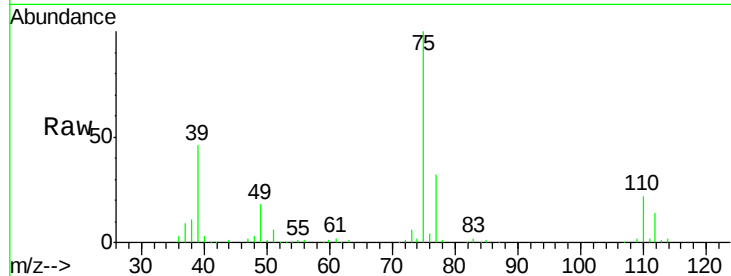
cis-1,3-Dichloropropene
Concen: 10.93 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	45.5	36.4	54.6

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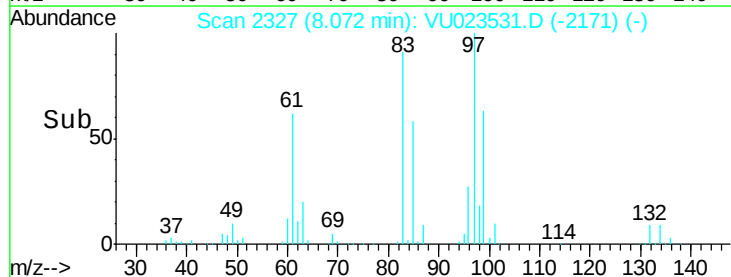
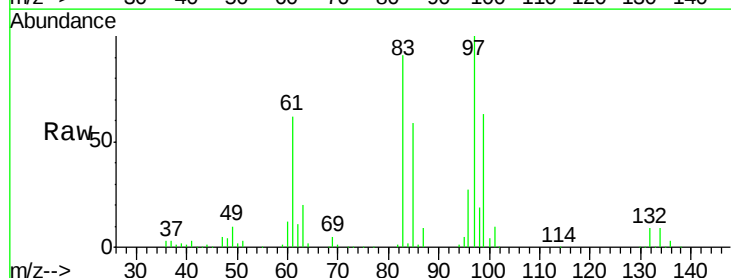
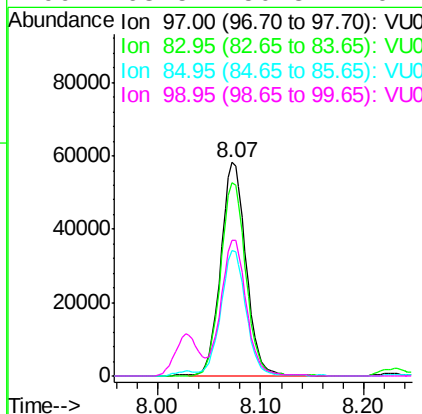
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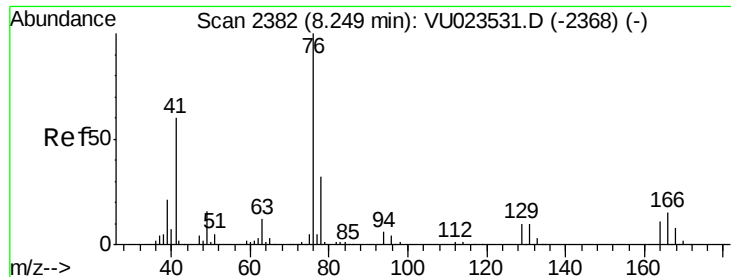


#52

1,1,2-Trichloroethane
Concen: 9.47 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.8	72.6	109.0
85	59.0	47.2	70.8
99	63.5	50.8	76.2





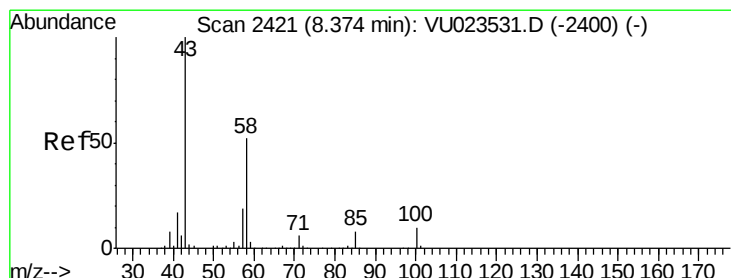
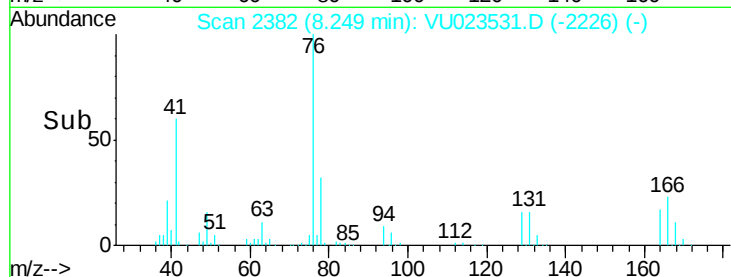
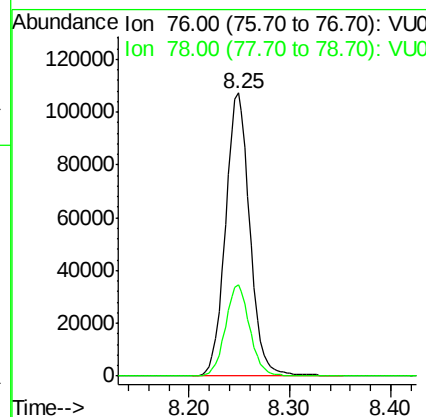
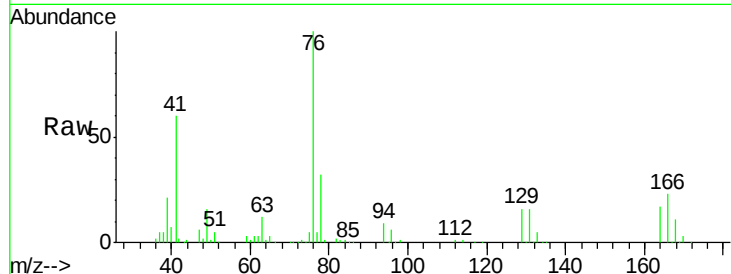
#53
 1,3-Dichloropropane
 Concen: 10.01 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

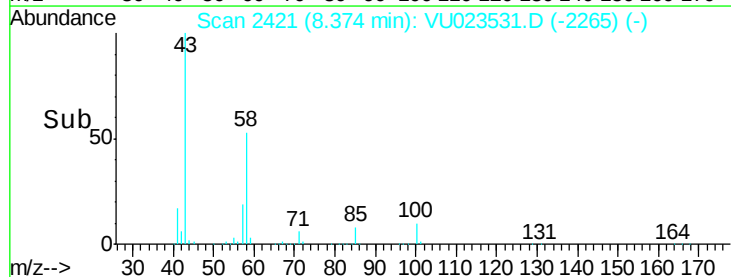
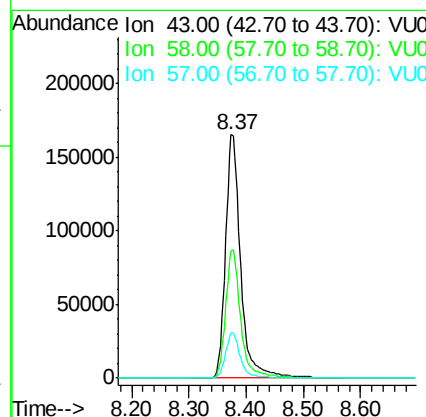
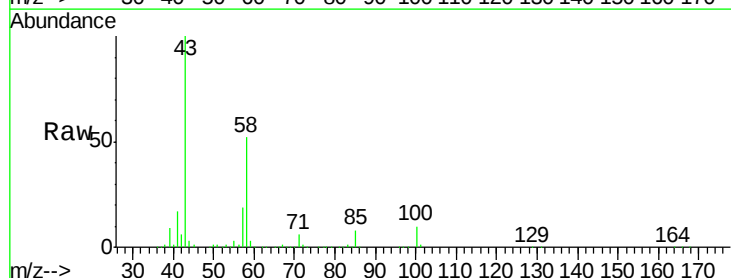
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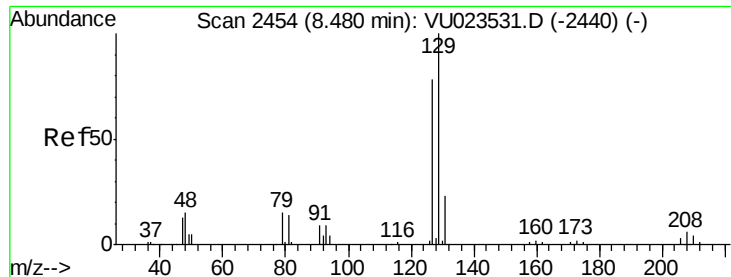
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#54
 2-Hexanone
 Concen: 53.75 ug/l
 RT: 8.37 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.5	32.5	72.5
57	17.9	0.0	37.9





#55

Dibromochloromethane

Concen: 10.51 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:129 Resp: 113652

Ion Ratio Lower Upper

129 100

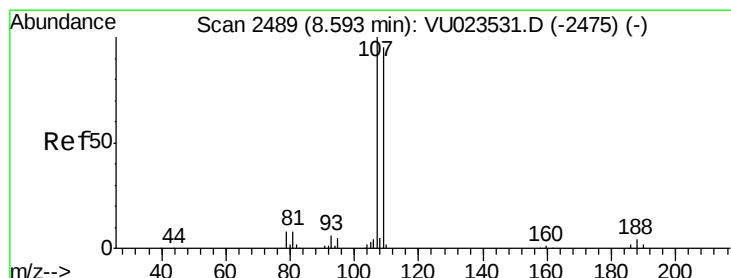
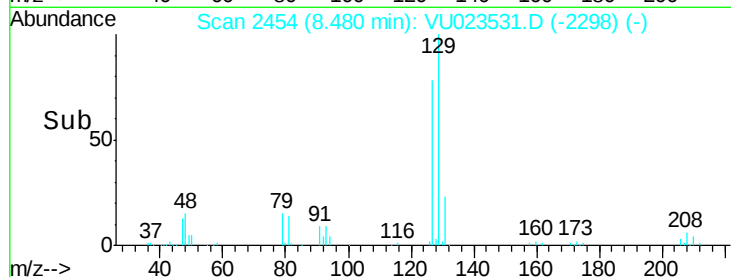
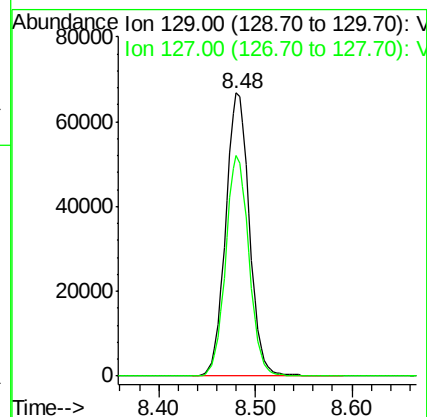
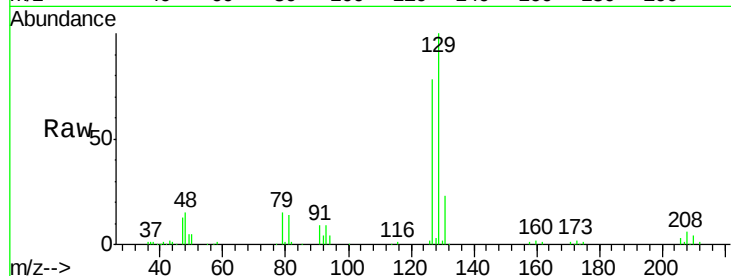
127 76.4 61.1 91.7

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#56

1,2-Dibromoethane

Concen: 9.46 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU023531.D

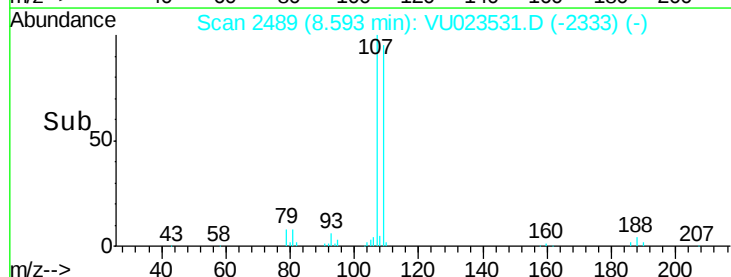
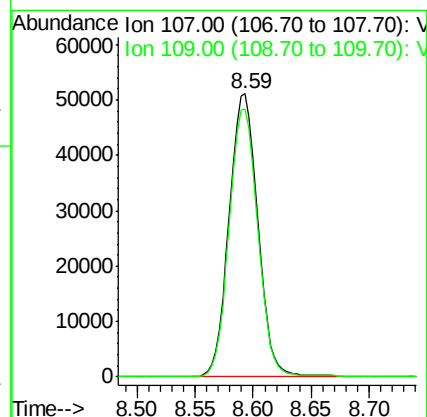
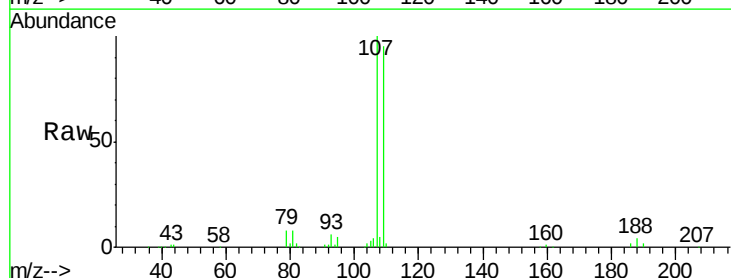
Acq: 30 Apr 2018 16:49

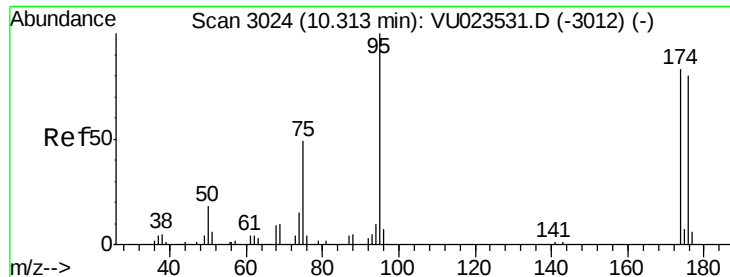
Tgt Ion:107 Resp: 87511

Ion Ratio Lower Upper

107 100

109 94.5 0.0 189.0





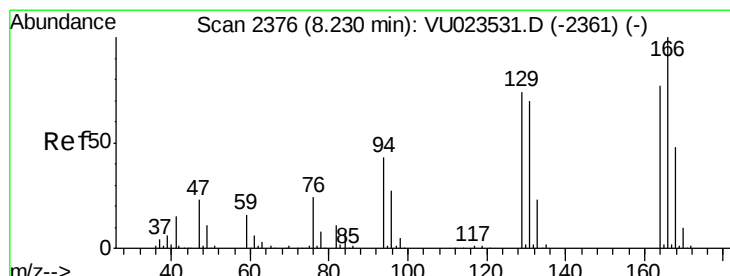
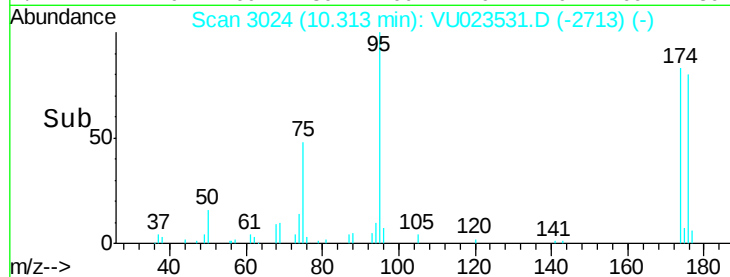
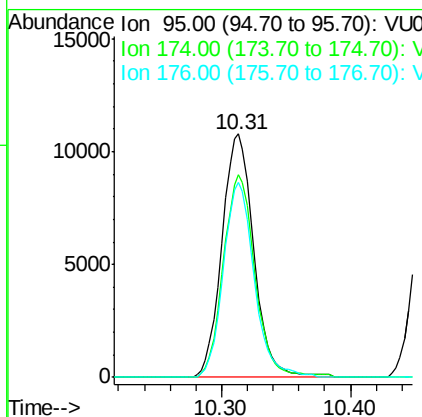
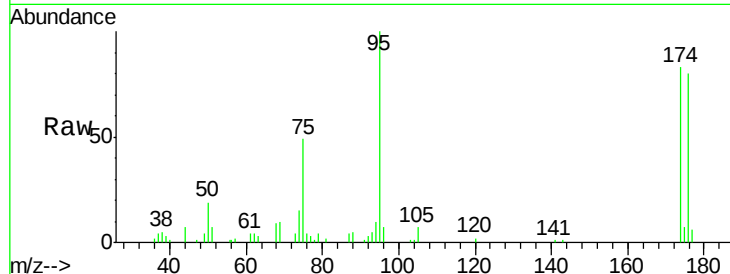
#57
4-Bromofluorobenzene
Concen: 9.46 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
95	100		
174	82.0	65.6	98.4
176	77.5	62.0	93.0

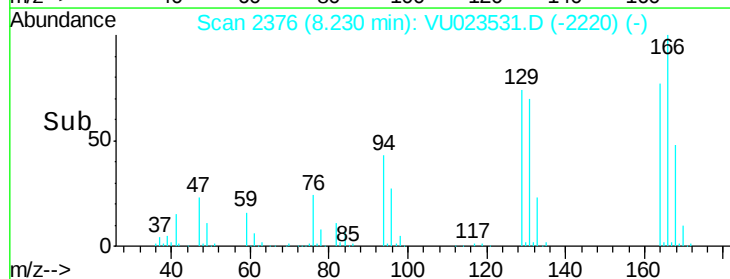
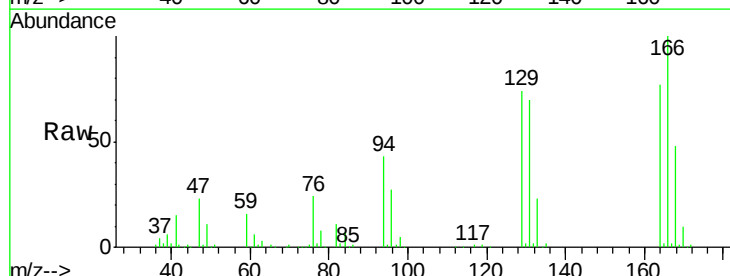
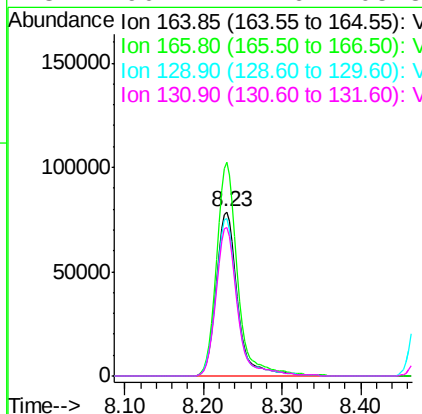
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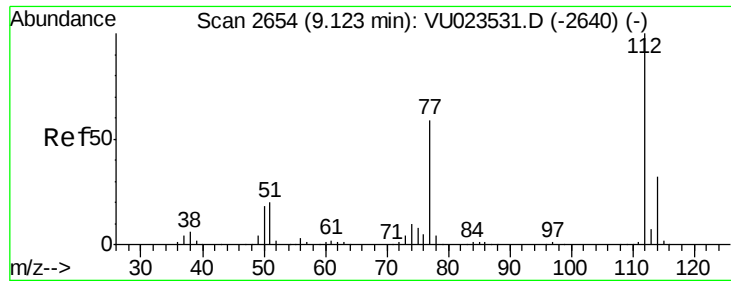
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#58
Tetrachloroethene
Concen: 10.40 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	104.1	156.1
129	96.0	76.8	115.2
131	90.7	72.6	108.8





#59

Chlorobenzene

Concen: 9.76 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:112 Resp: 375098

Ion Ratio Lower Upper

112 100

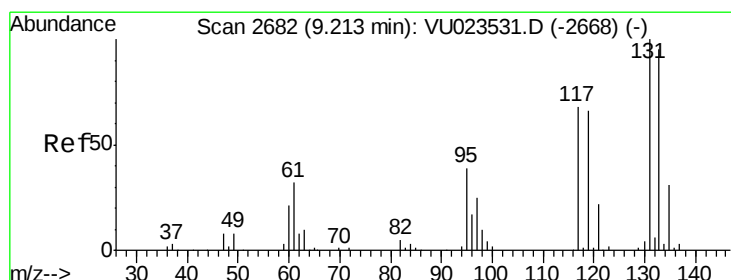
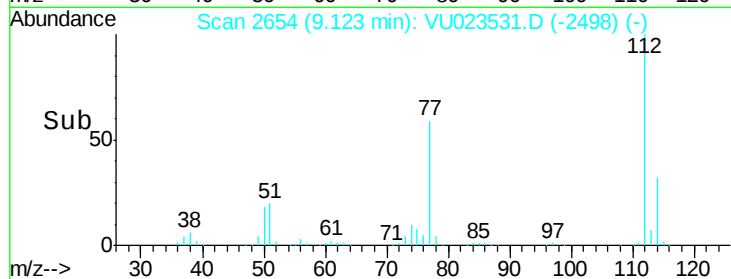
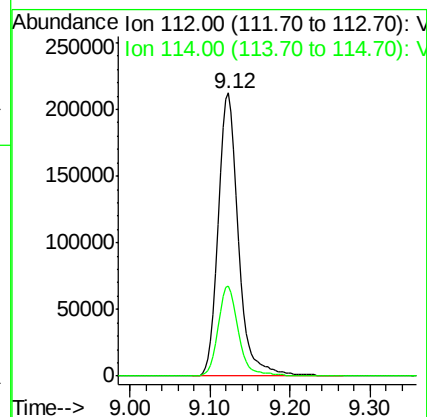
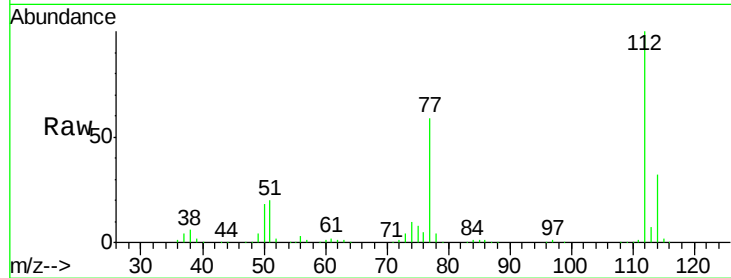
114 31.8 25.4 38.2

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#60

1,1,1,2-Tetrachloroethane

Concen: 9.76 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

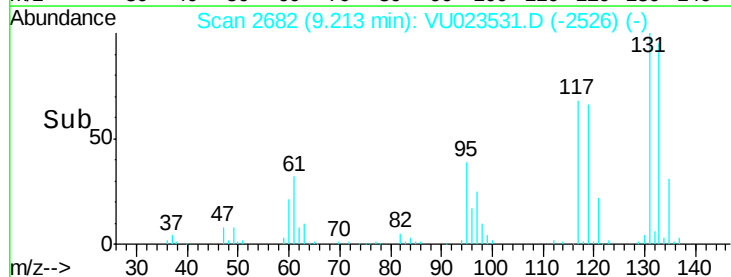
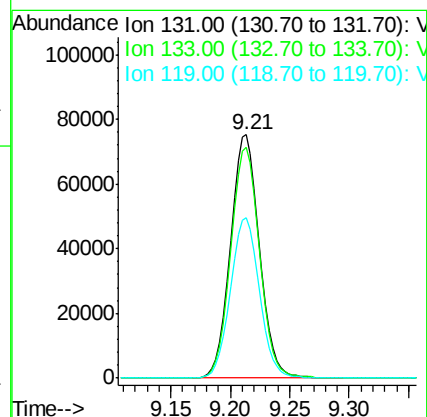
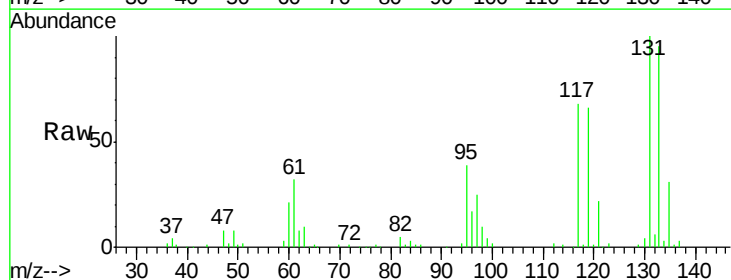
Tgt Ion:131 Resp: 126433

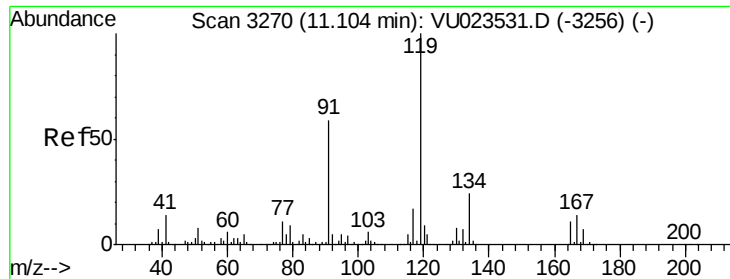
Ion Ratio Lower Upper

131 100

133 94.8 75.8 113.8

119 66.3 53.0 79.6





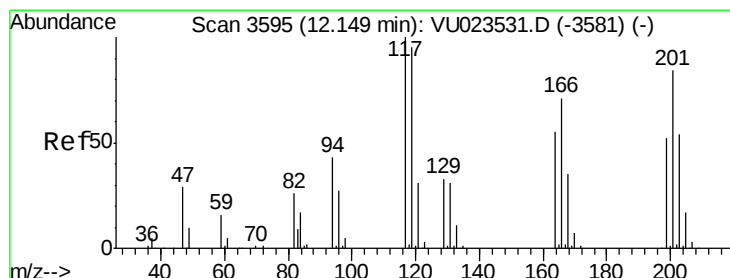
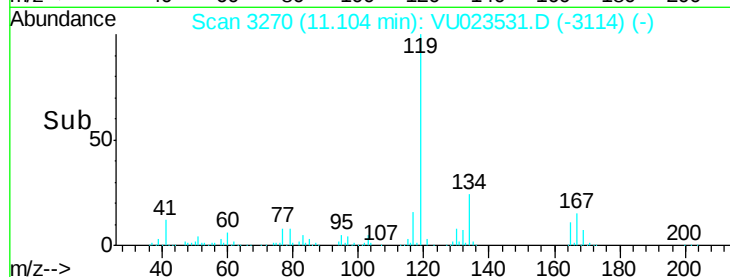
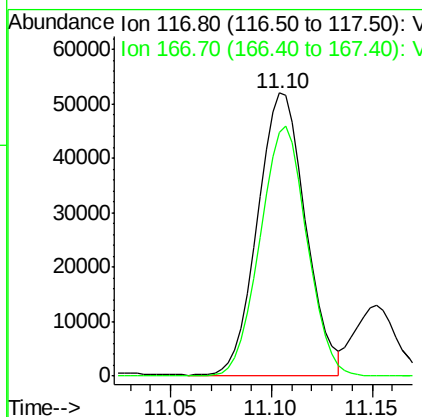
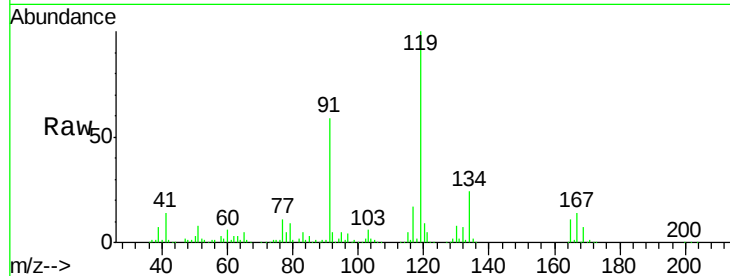
#61
 Pentachloroethane
 Concen: 9.14 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:117 Resp: 85778
 Ion Ratio Lower Upper
 117 100
 167 86.5 69.2 103.8

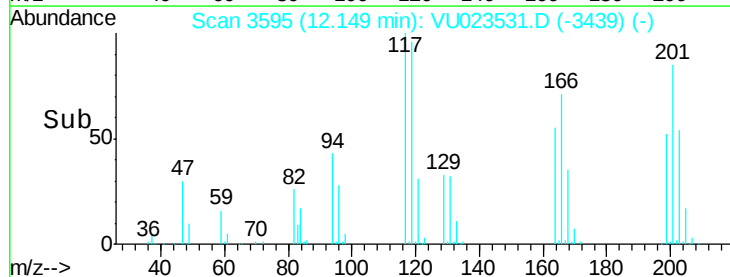
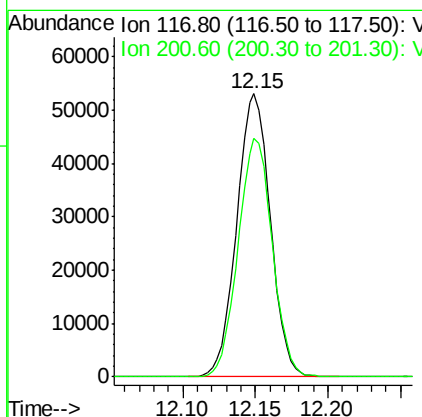
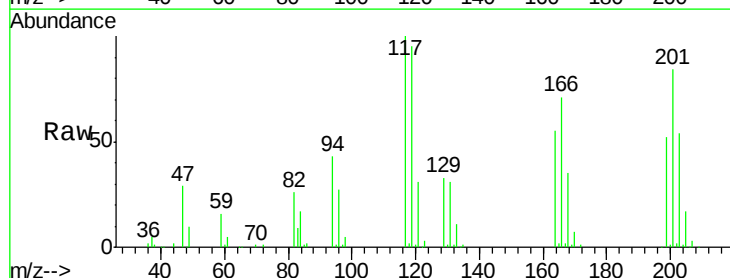
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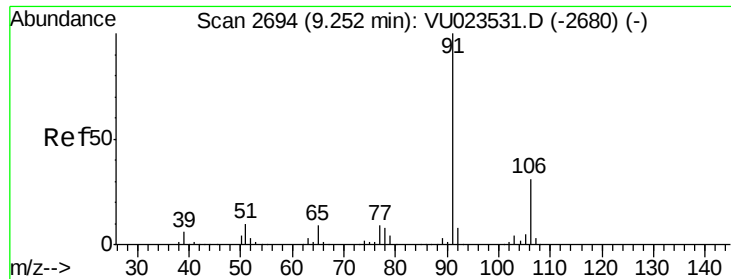
apatel
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#62
 Hexachloroethane
 Concen: 10.15 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion:117 Resp: 85622
 Ion Ratio Lower Upper
 117 100
 201 85.9 68.7 103.1





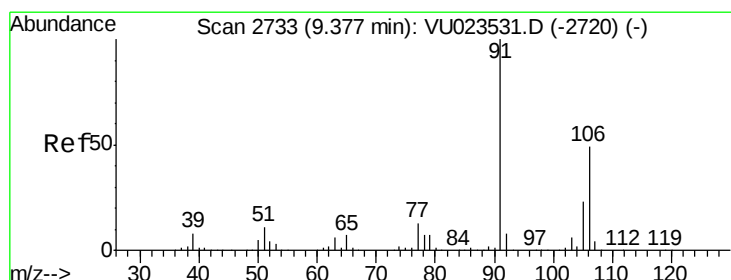
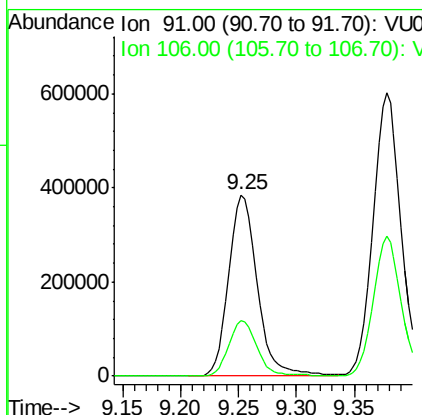
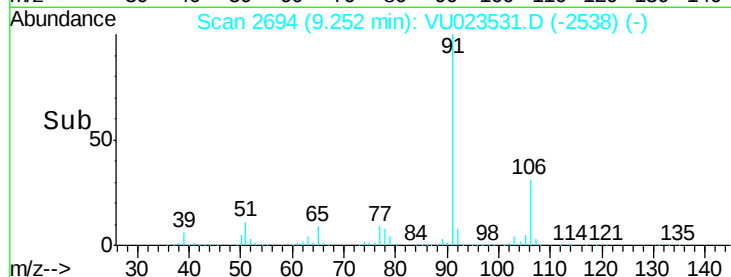
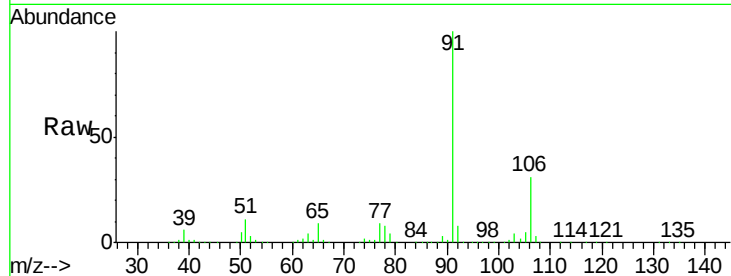
#63
Ethyl Benzene
Concen: 10.38 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tot Ion: 91 Resp: 658142
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

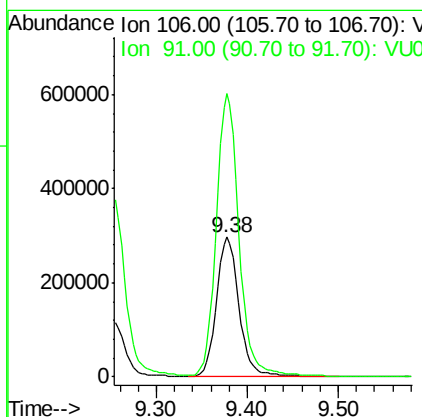
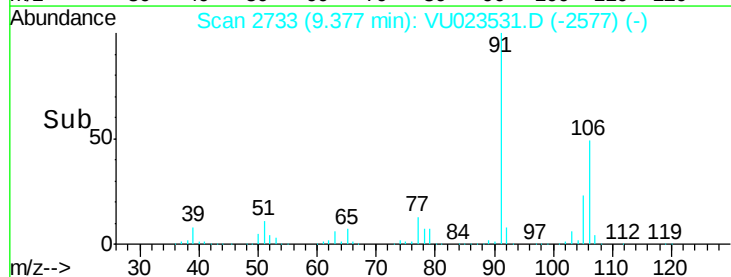
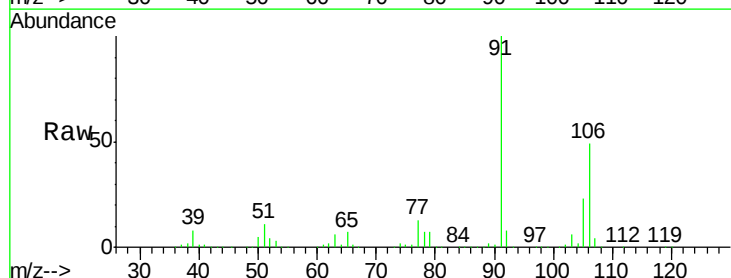
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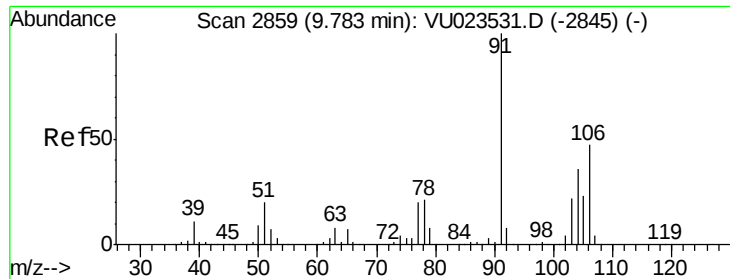
apatel
5/3/2018 4:49:04 PM



#64
m/p-Xylenes
Concen: 20.80 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion: 106 Resp: 509954
Ion Ratio Lower Upper
106 100
91 205.1 164.1 246.1





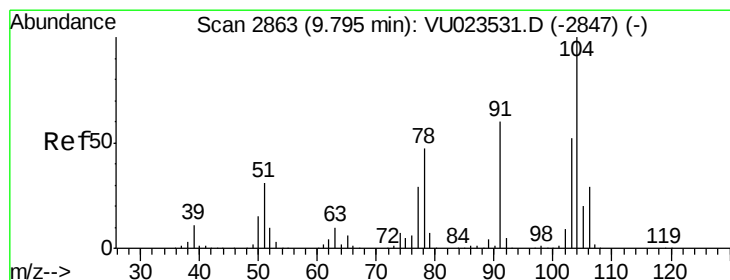
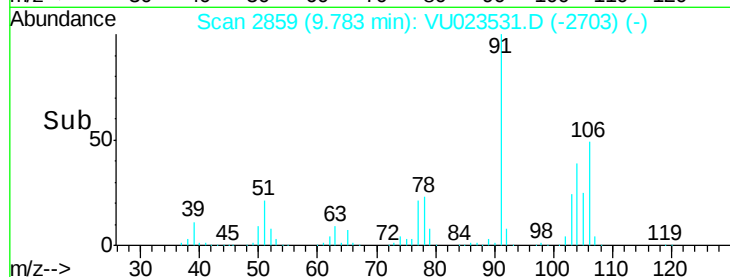
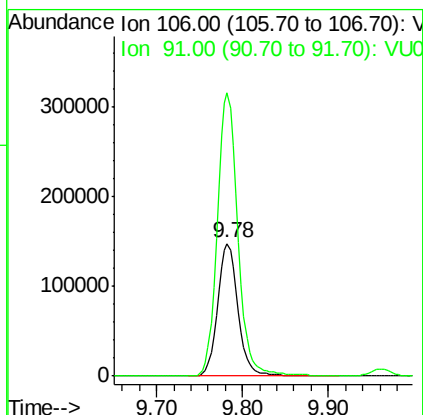
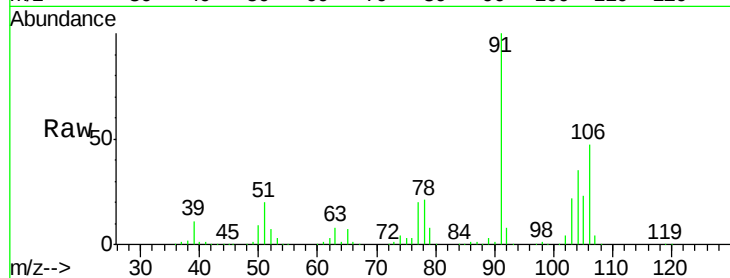
#65
o-Xylene
Concen: 10.09 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tot Ion:106 Resp: 244103
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.7

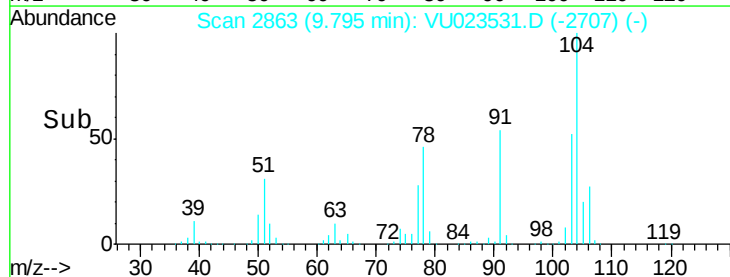
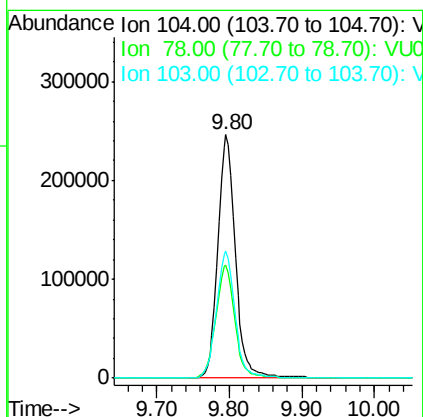
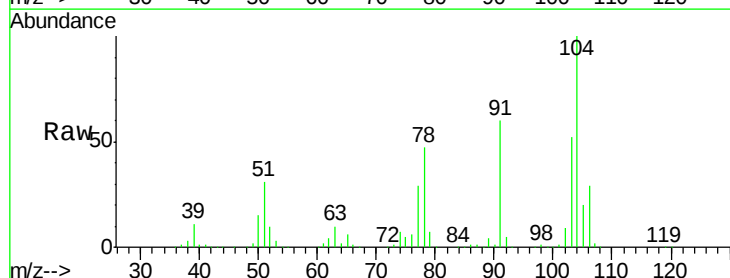
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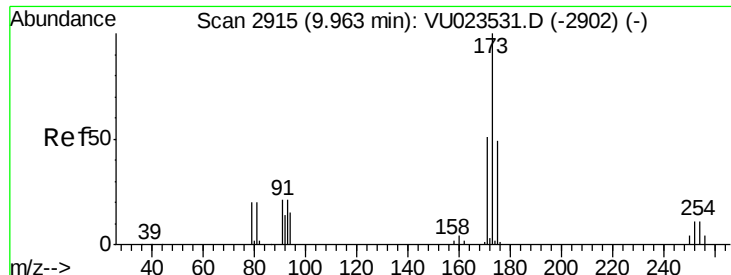
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#66
Styrene
Concen: 10.41 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion:104 Resp: 415843
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 55.3 44.2 66.4





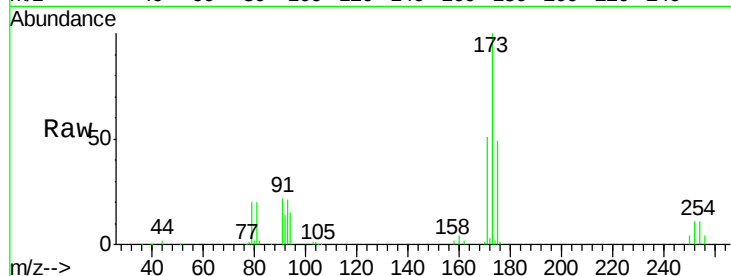
#67
Bromoform
Concen: 10.08 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	57.8
254	11.0	8.8	13.2

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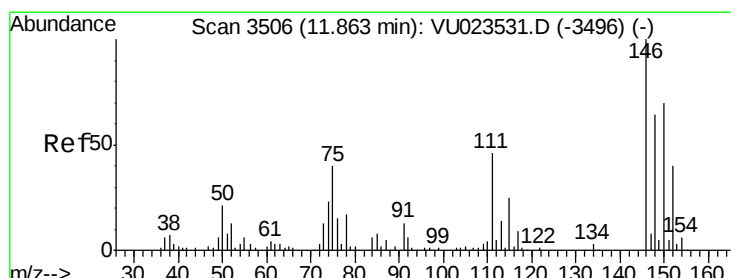
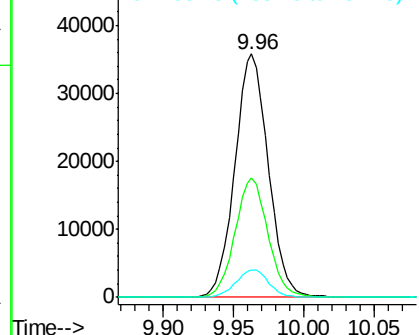
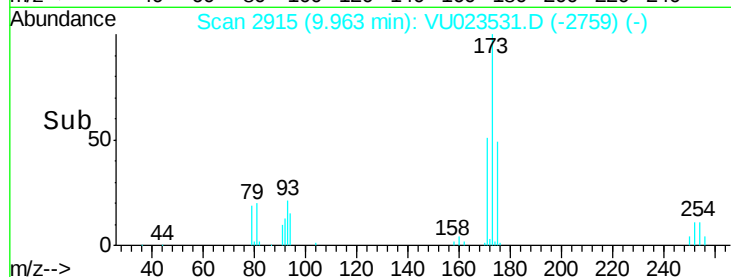


Abundance

Ion 172.90 (172.60 to 173.60): V

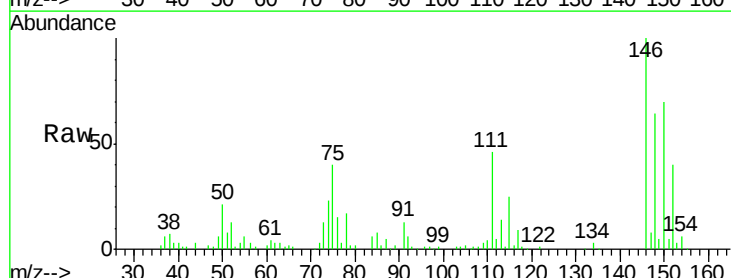
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 10.08 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	0.0	118.8
150	0.0	0.0	0.0

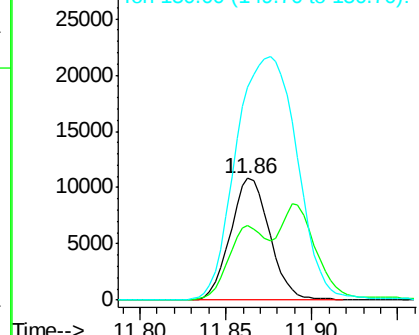
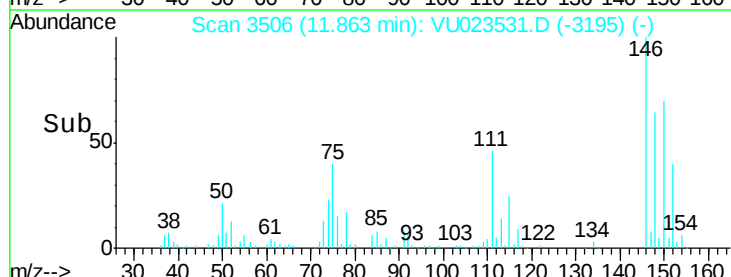


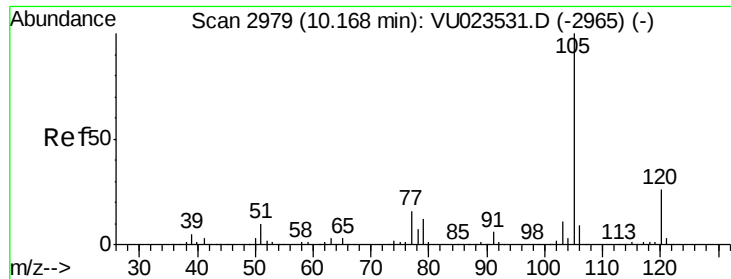
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.43 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 105 Resp: 629464

Ion Ratio Lower Upper

105 100

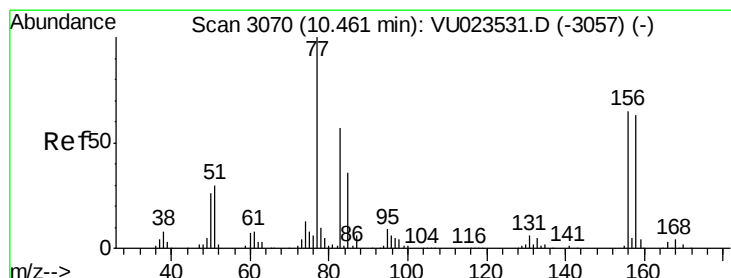
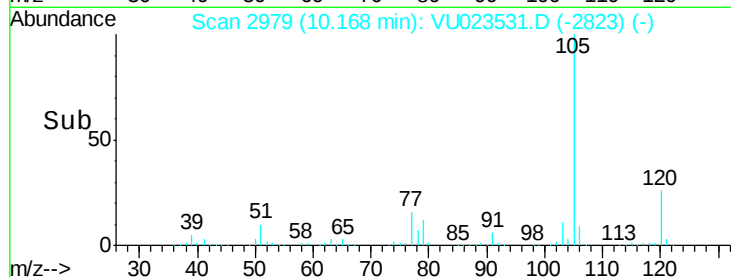
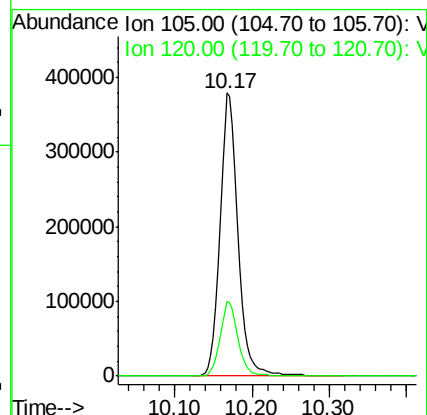
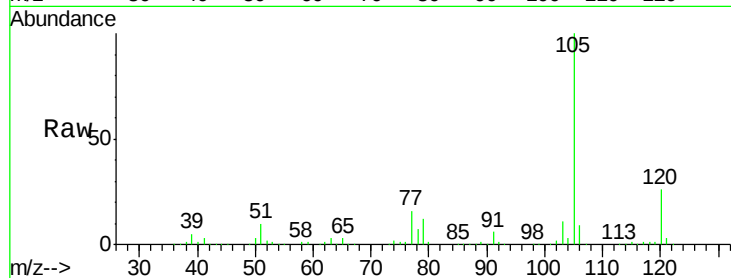
120 26.2 13.1 39.3

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.00 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

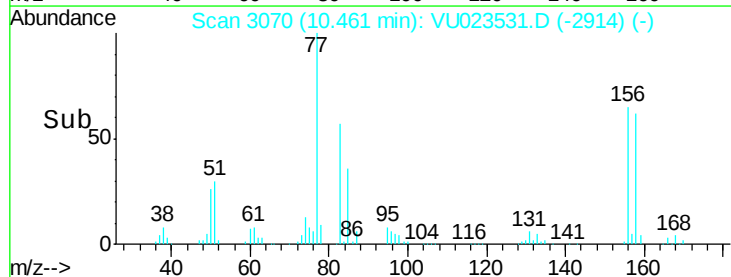
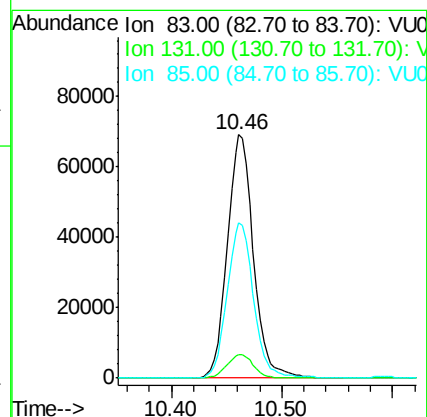
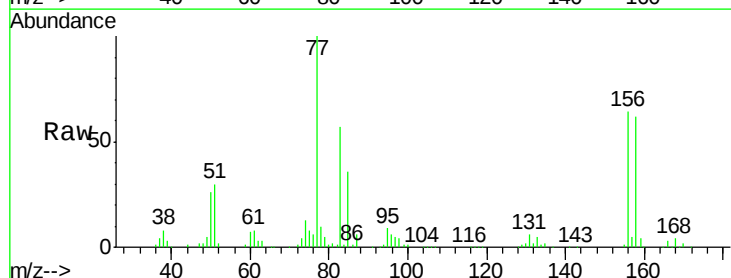
Tgt Ion: 83 Resp: 113387

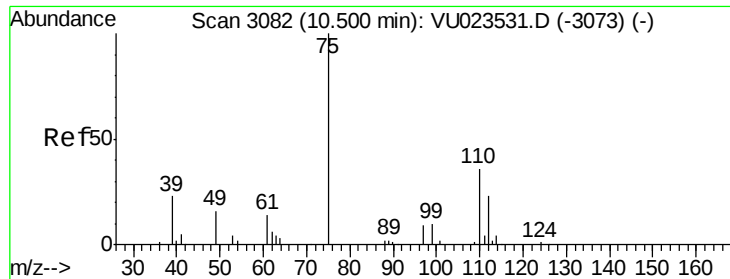
Ion Ratio Lower Upper

83 100

131 9.9 7.9 11.9

85 64.7 51.8 77.6





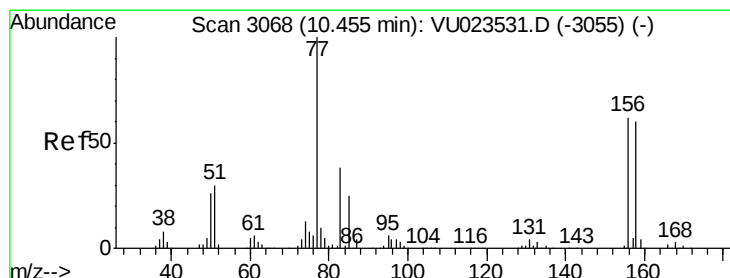
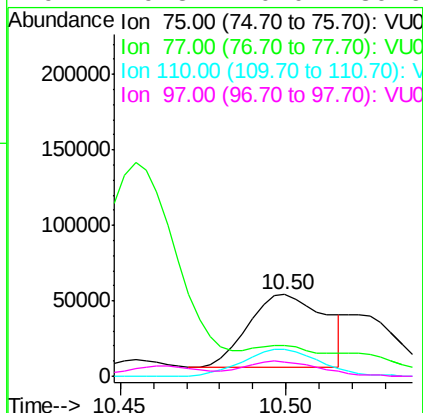
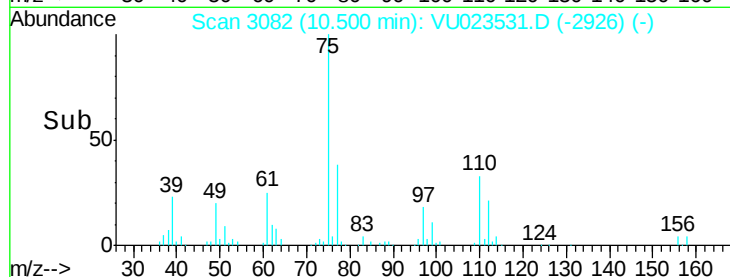
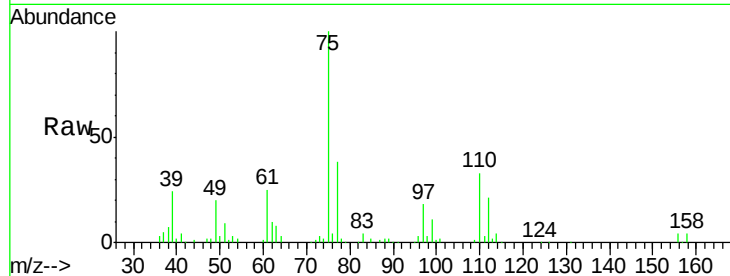
#71
 1,2,3-Trichloropropane
 Concen: 8.51 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	0.0	0.0	0.0	0.0
110	37.0	0.0	74.0	
97	19.8	0.0	39.6	

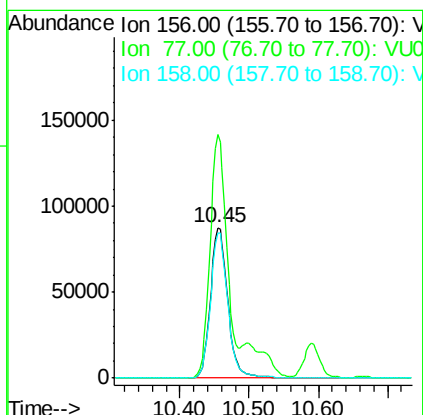
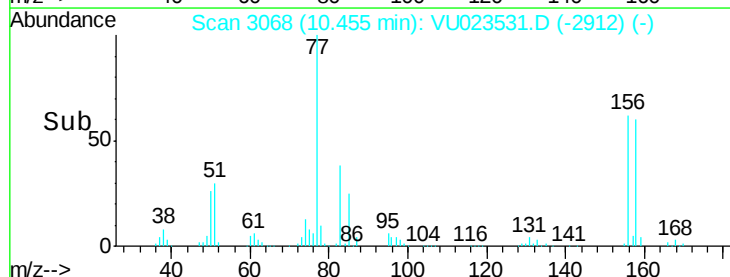
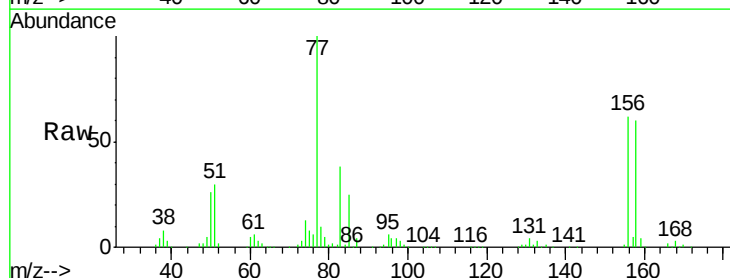
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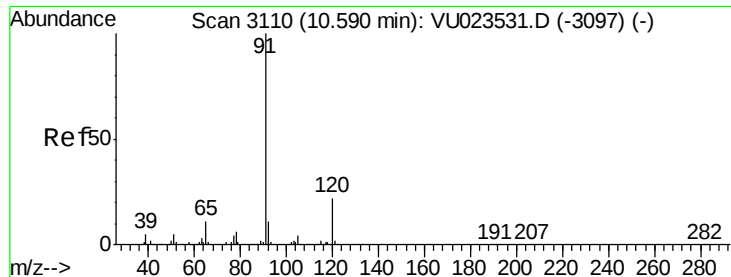
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#72
 Bromobenzene
 Concen: 9.34 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	154.9	0.0	309.8	
158	96.5	0.0	193.0	





#73

n-propylbenzene

Concen: 10.37 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:120 Resp: 175749

Ion Ratio Lower Upper

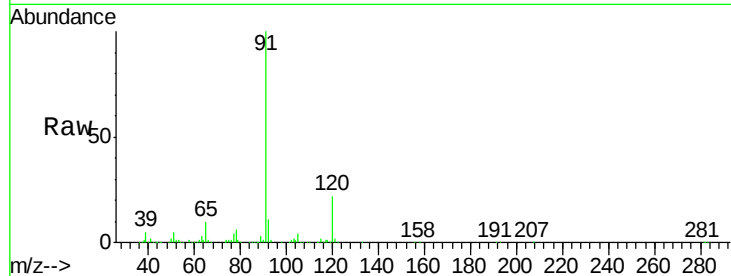
120 100

91 440.3 352.2 528.4

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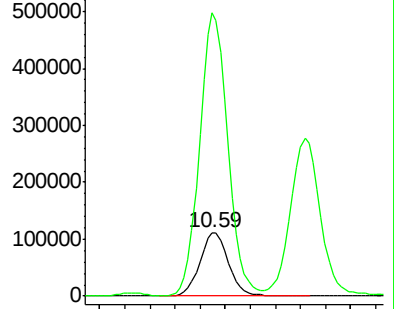
apatel

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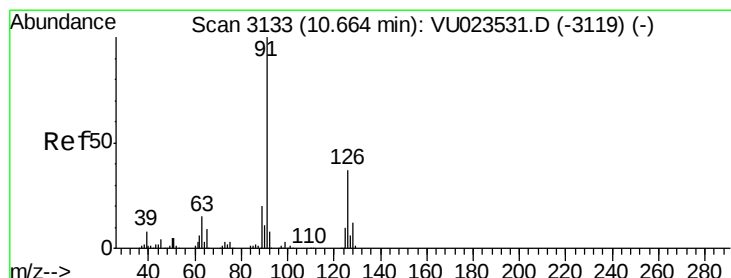
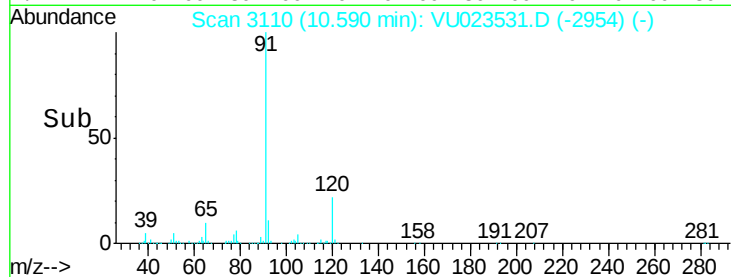


Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#74

2-Chlorotoluene

Concen: 9.78 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU023531.D

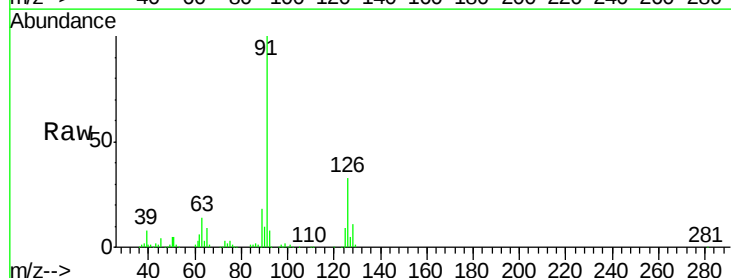
Acq: 30 Apr 2018 16:49

Tgt Ion:126 Resp: 150064

Ion Ratio Lower Upper

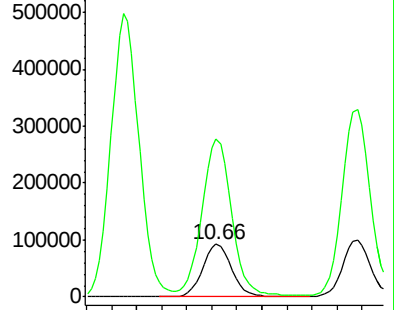
126 100

91 306.5 0.0 613.0

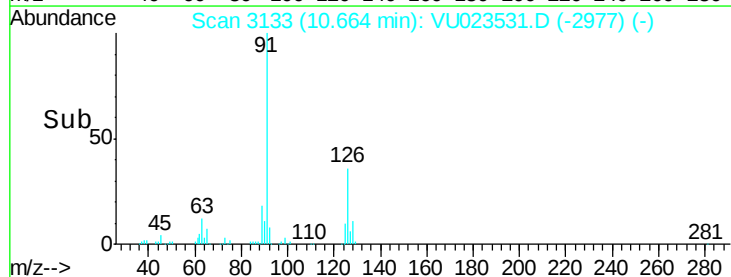


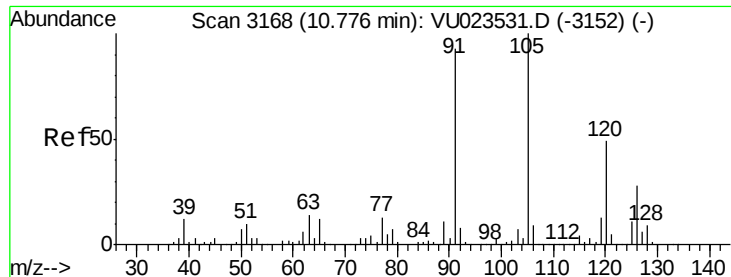
Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





#75

1,3,5-Trimethylbenzene

Concen: 10.40 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 538953

Ion Ratio Lower Upper

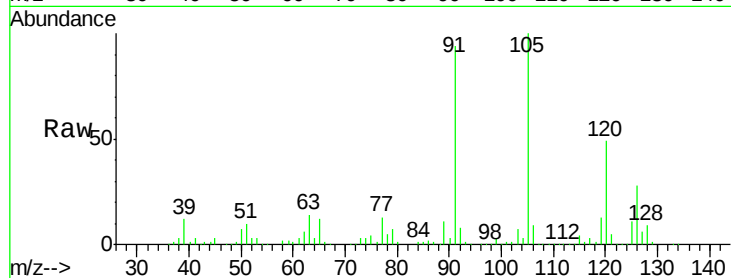
105 100

120 48.8 39.0 58.6

Manual Integrations
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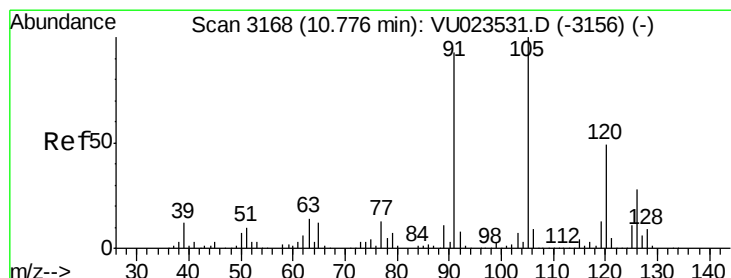
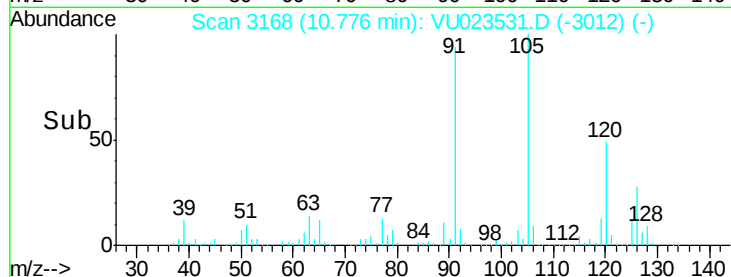
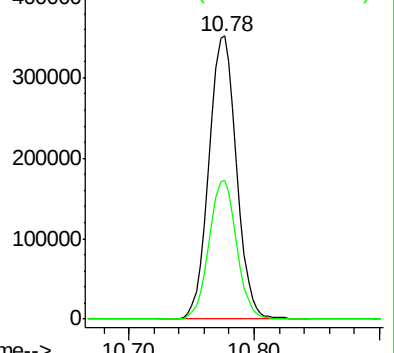
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 9.91 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023531.D

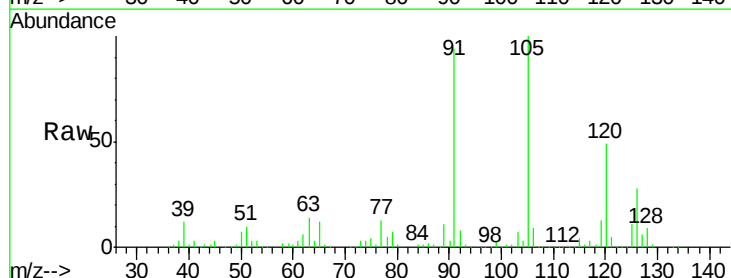
Acq: 30 Apr 2018 16:49

Tgt Ion:126 Resp: 157337

Ion Ratio Lower Upper

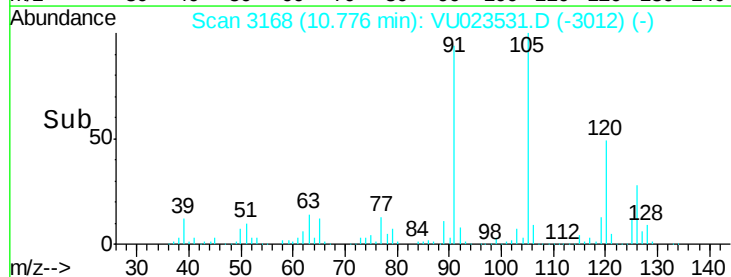
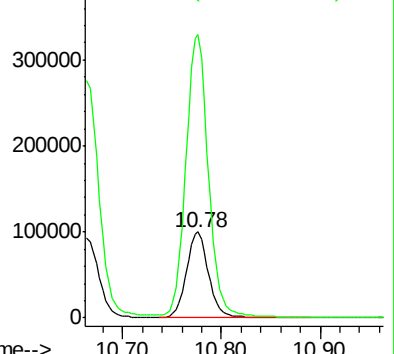
126 100

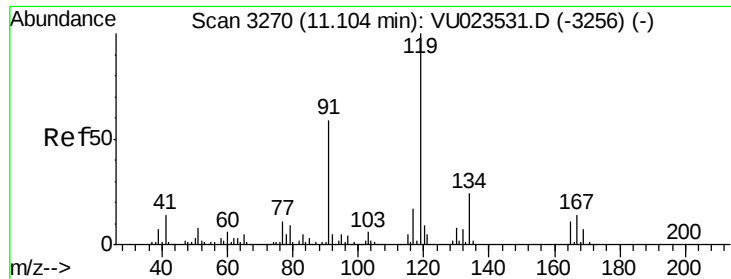
91 333.6 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





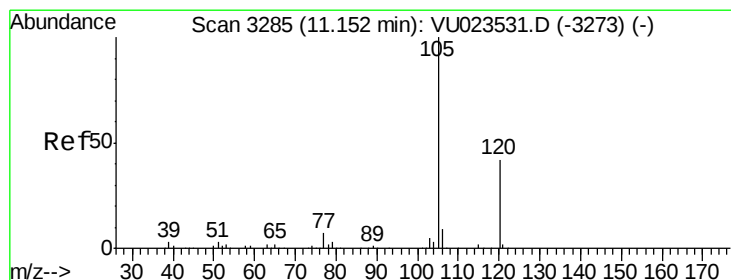
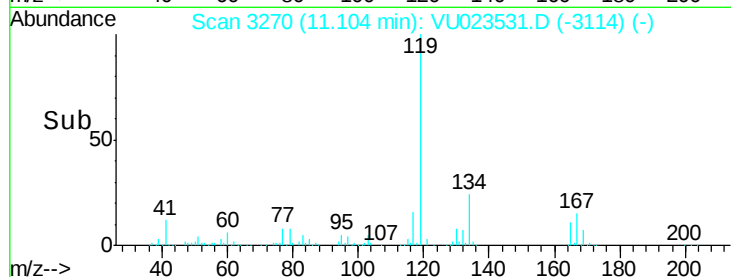
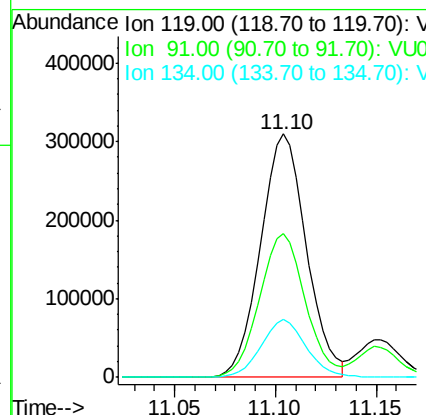
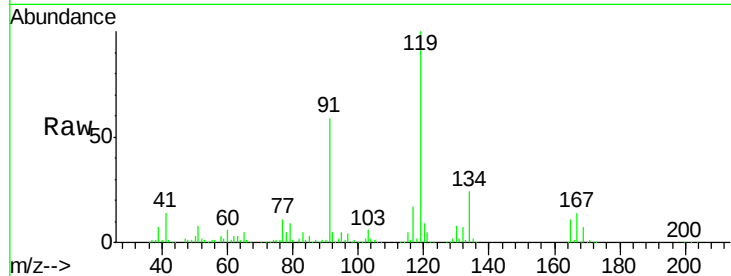
#77
 tert-Butylbenzene
 Concen: 9.99 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	490115		
91	59.2	29.6	88.8	
134	23.9	19.1	28.7	

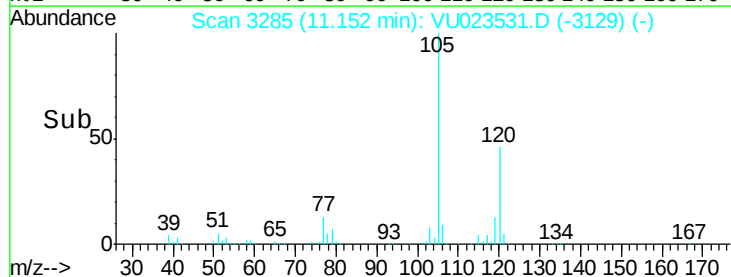
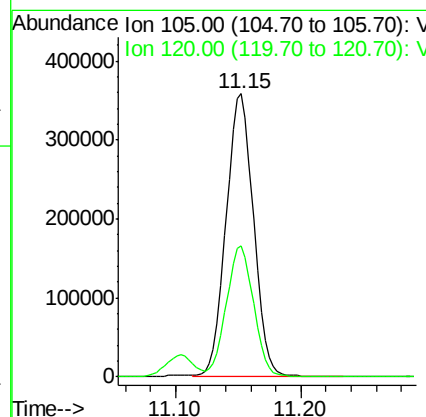
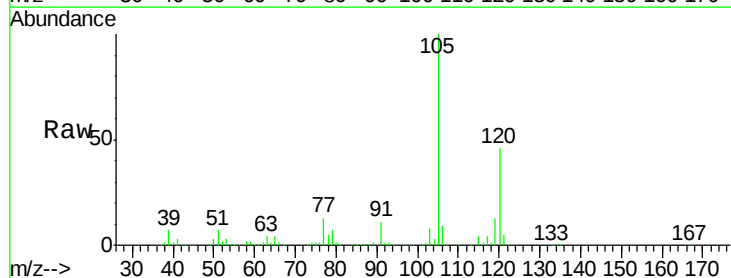
Manual Integrations
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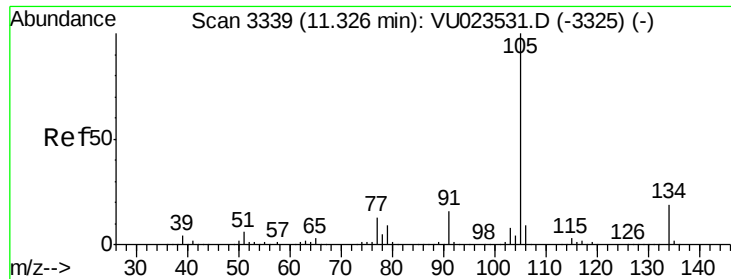
apatel
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#78
 1,2,4-Trimethylbenzene
 Concen: 10.22 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541837		
120	46.2	23.1	69.3	





#79

sec-Butylbenzene

Concen: 10.37 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 688236

Ion Ratio Lower Upper

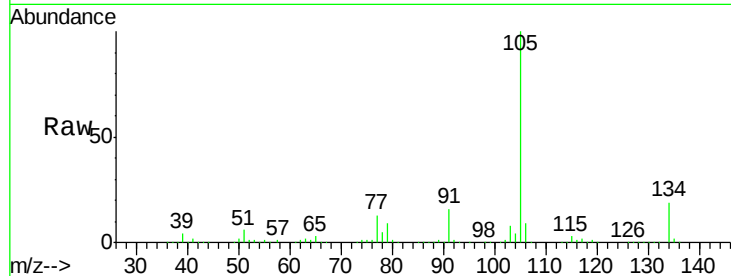
105 100

134 19.5 15.6 23.4

Manual Integrations
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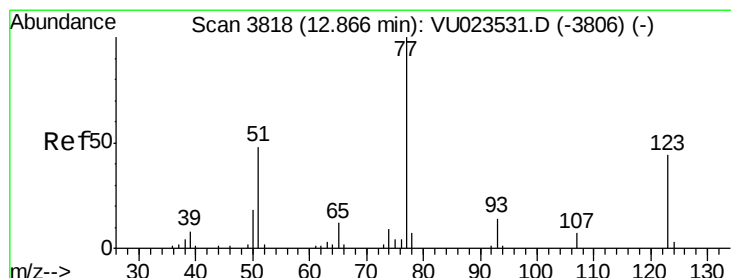
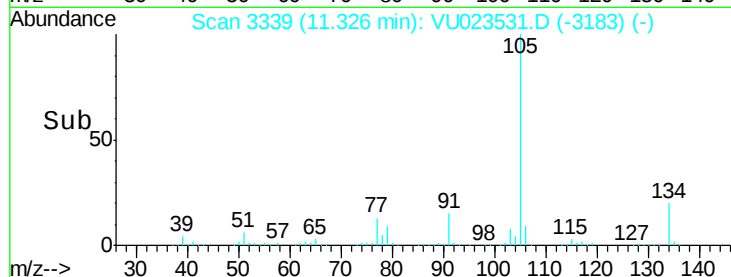
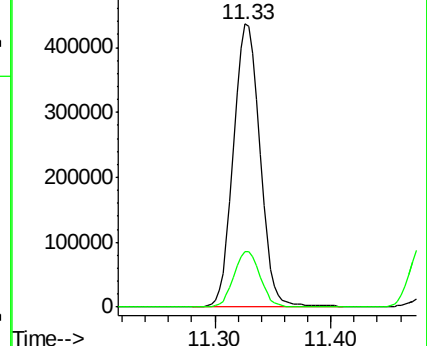
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 75.41 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

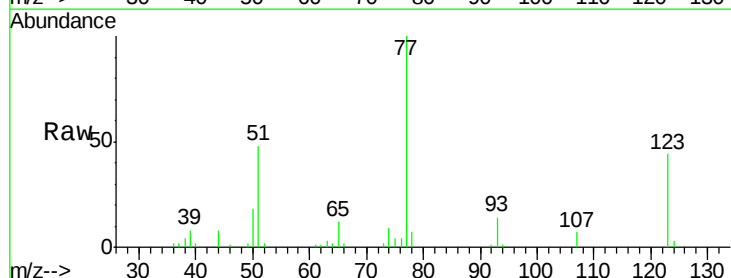
Tgt Ion: 77 Resp: 21510

Ion Ratio Lower Upper

77 100

123 44.0 19.4 68.6

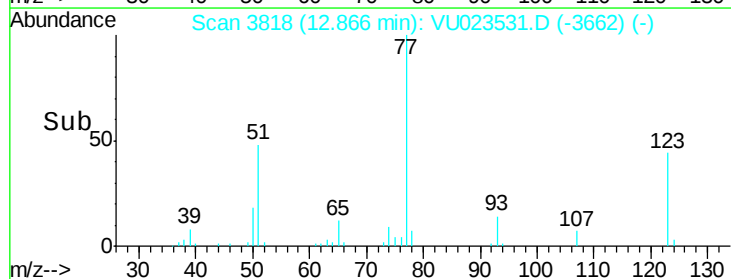
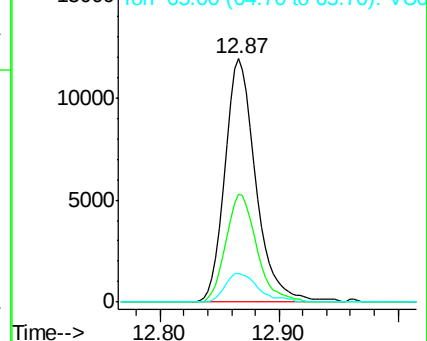
65 12.7 11.2 14.2

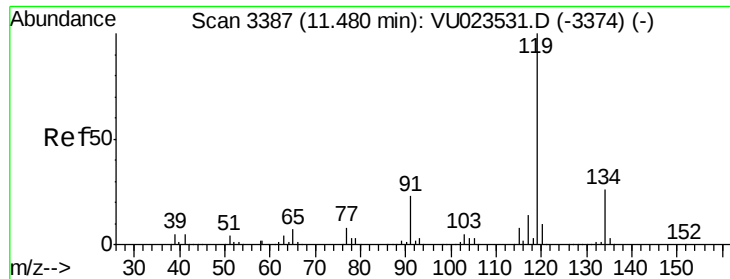


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





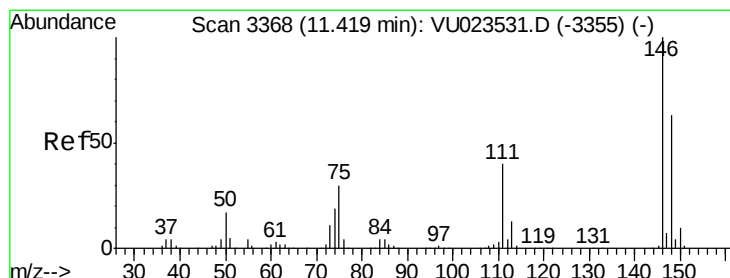
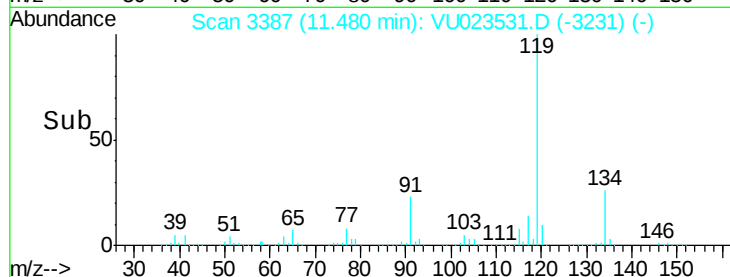
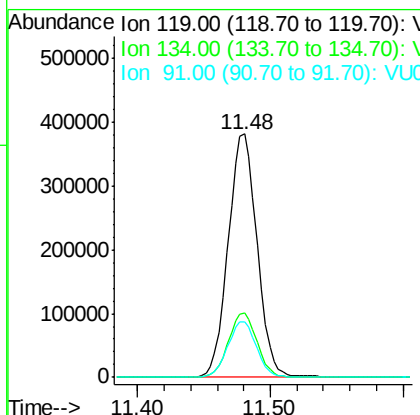
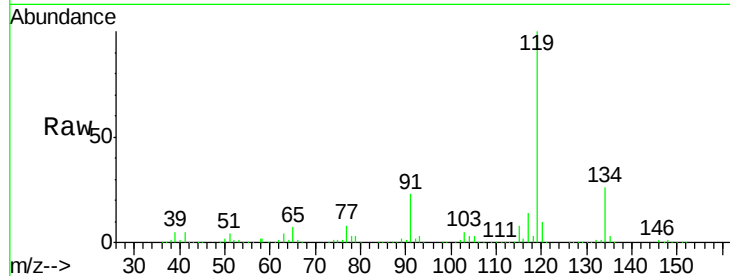
#81
 p-Isopropyltoluene
 Concen: 10.38 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.9	31.3
91	22.7	18.2	27.2

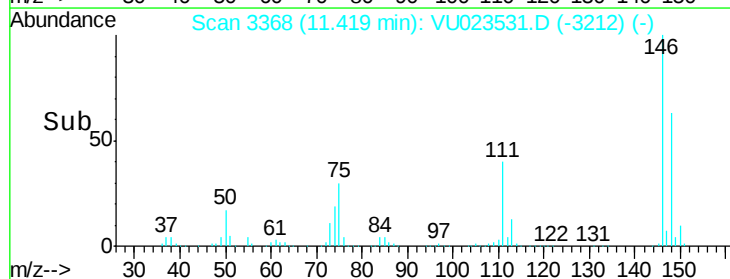
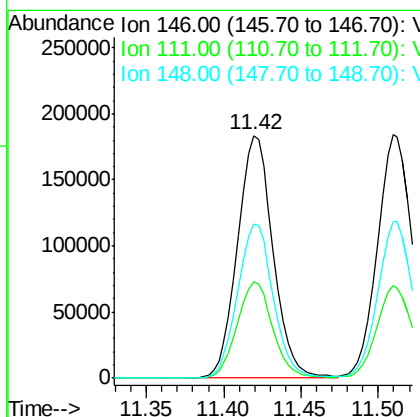
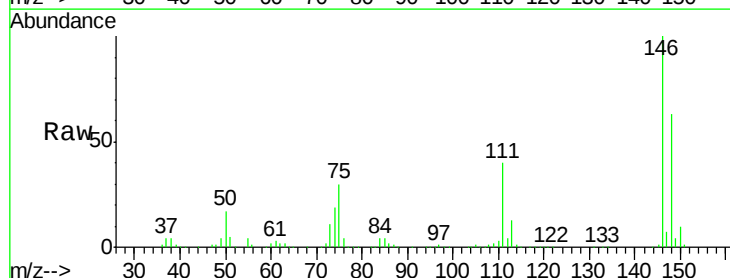
Manual Integrations
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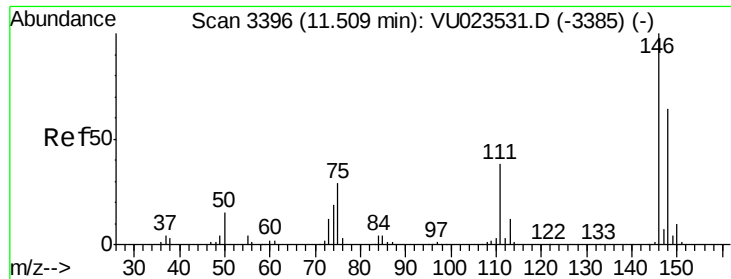
apatel
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#82
 1,3-Dichlorobenzene
 Concen: 9.29 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.8	47.6
148	63.7	51.0	76.4





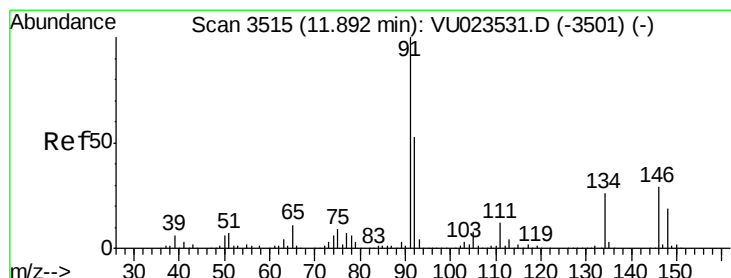
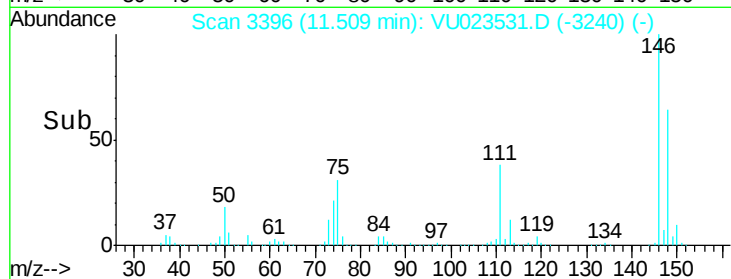
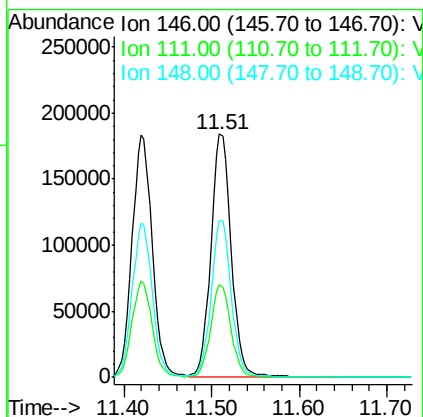
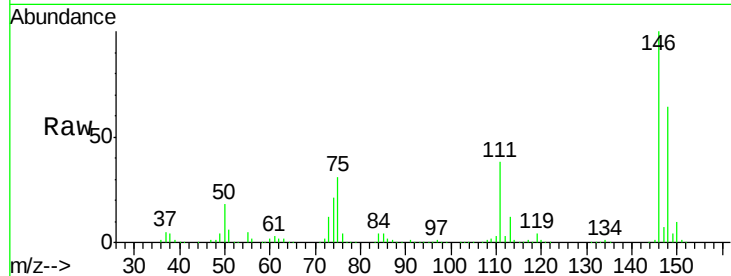
#83
 1,4-Dichlorobenzene
 Concen: 9.38 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	30.1	45.1
148	63.3	50.6	76.0

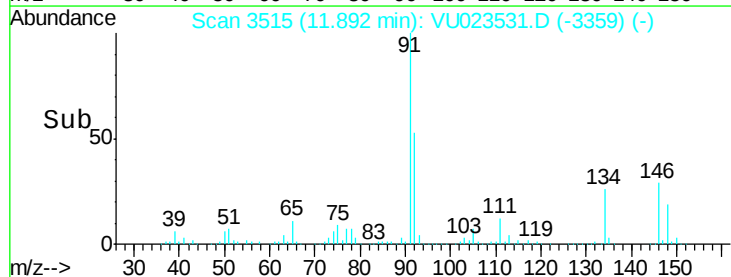
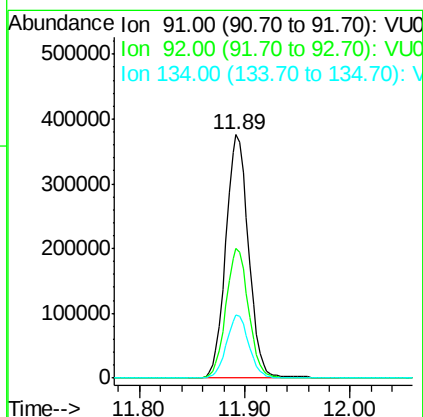
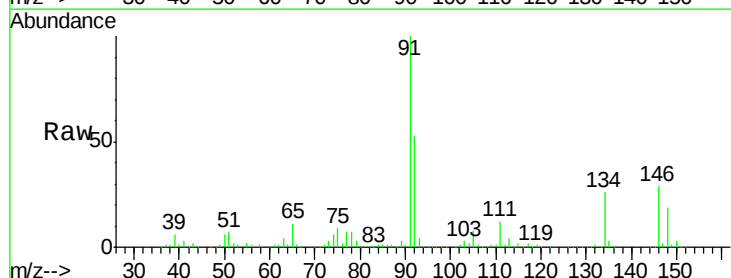
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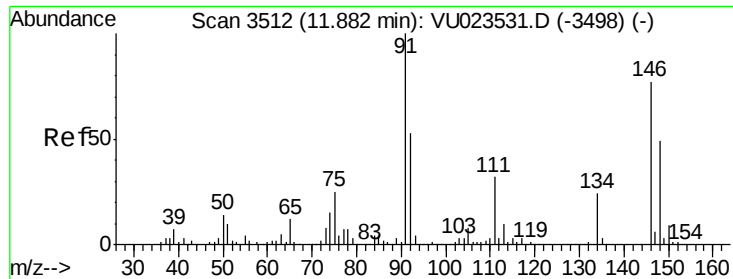
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#84
 n-Butylbenzene
 Concen: 10.68 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	42.2	63.2
134	25.4	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 8.99 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Instrument :

MSVOA_U

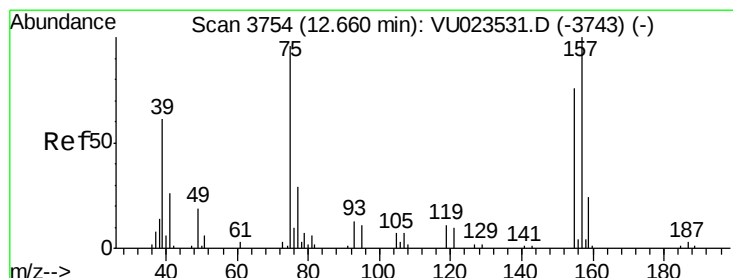
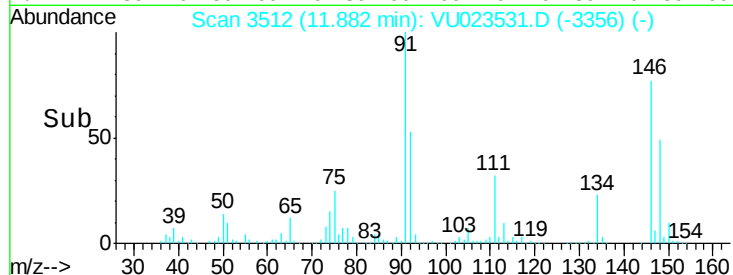
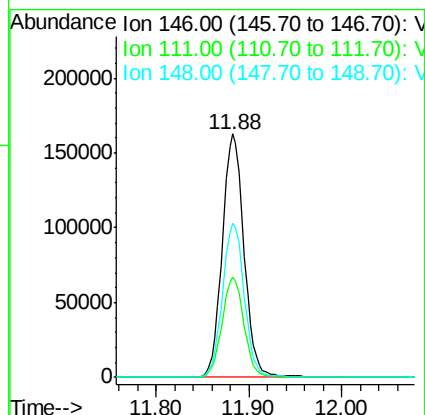
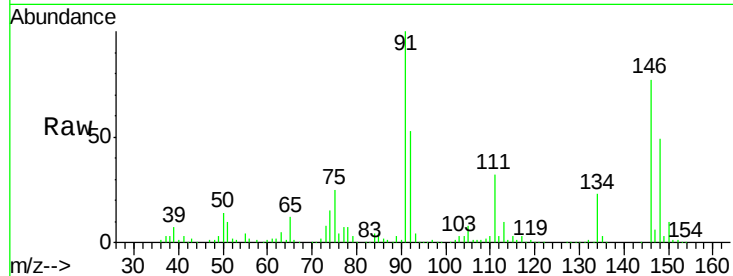
ClientSampleId :

VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	63.7	31.9	95.5

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#86

1,2-Dibromo-3-Chloropropane

Concen: 9.37 ug/l

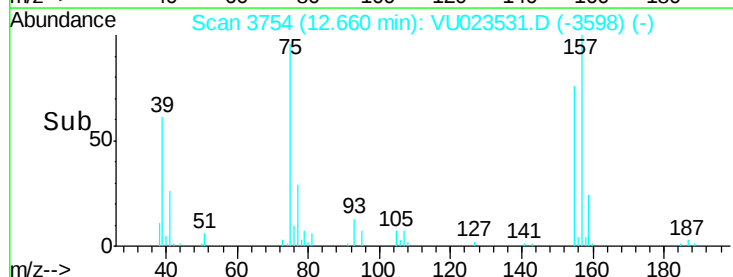
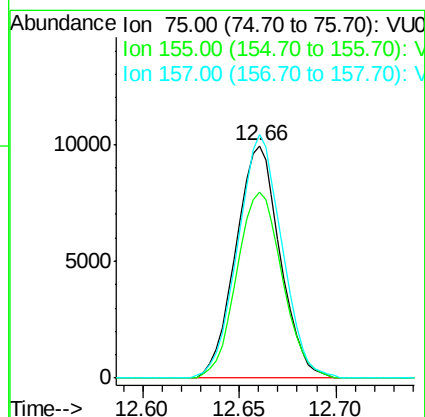
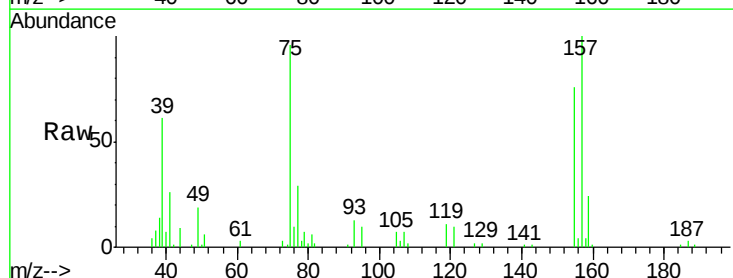
RT: 12.66 min Scan# 3754

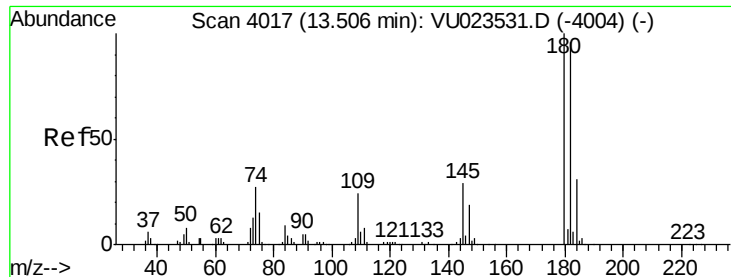
Delta R.T. 0.00 min

Lab File: VU023531.D

Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	65.8	98.6
157	104.4	83.5	125.3





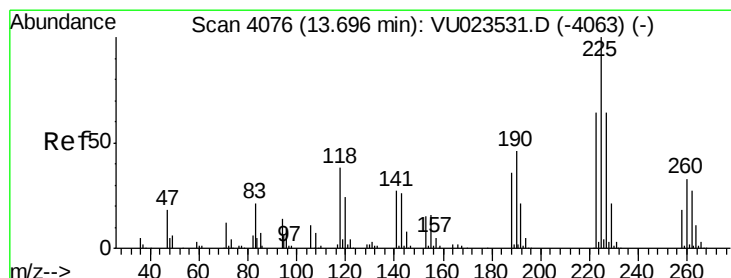
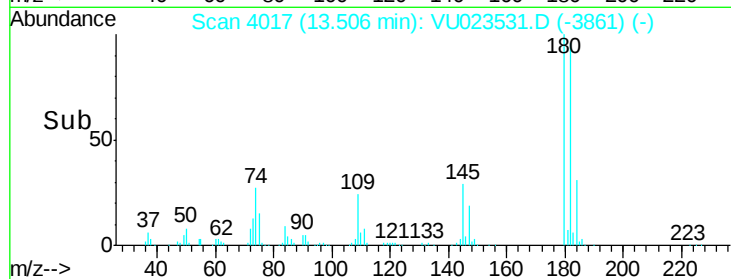
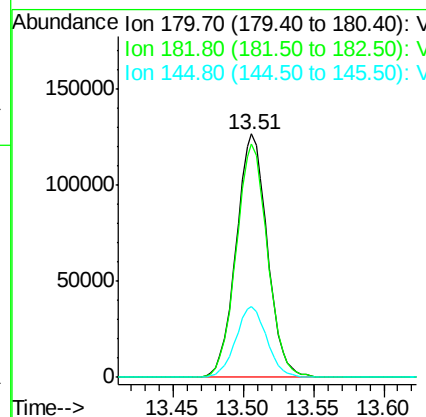
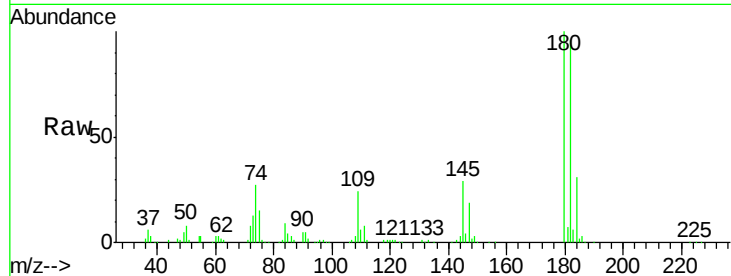
#87
 1,2,4-Trichlorobenzene
 Concen: 9.44 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	29.1	23.3	34.9

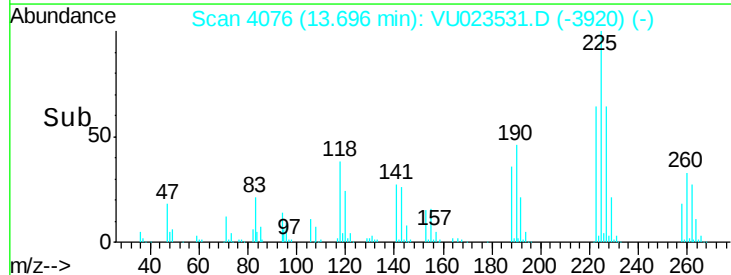
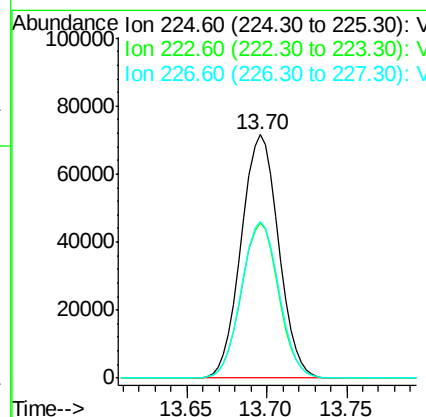
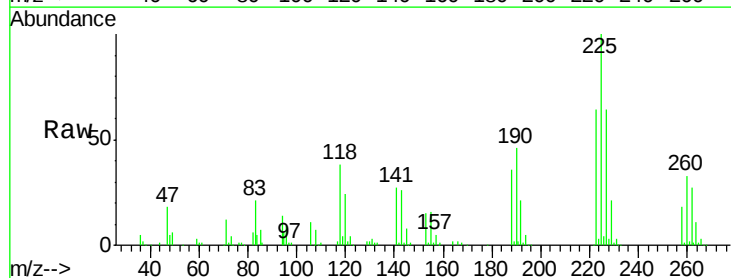
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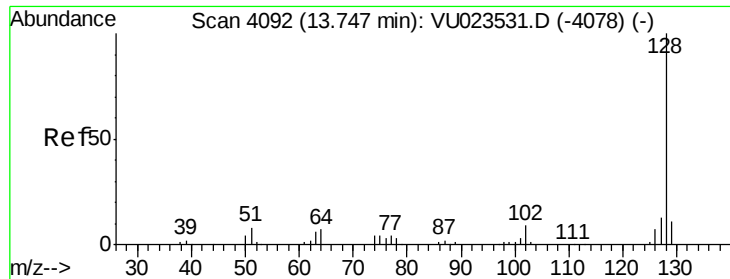
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#88
 Hexachlorobutadiene
 Concen: 10.02 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU023531.D
 Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	64.7	51.8	77.6





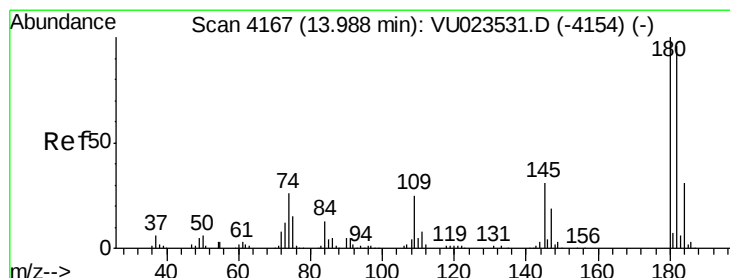
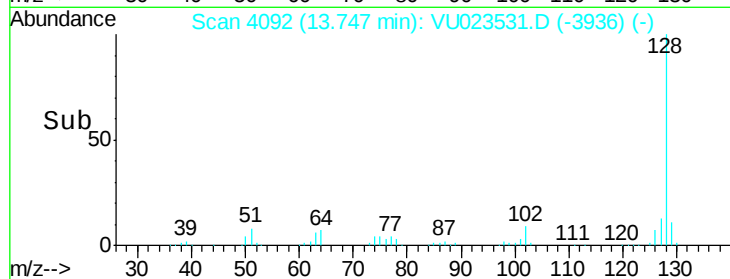
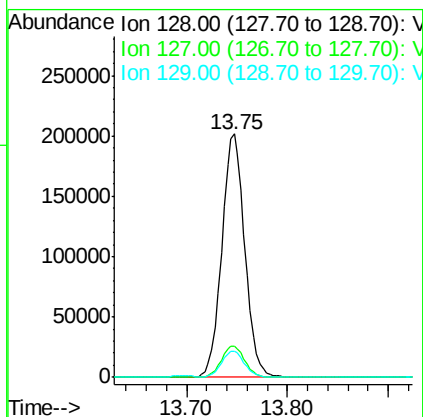
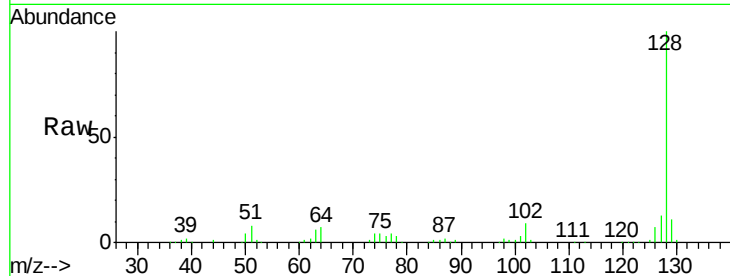
#89
Naphthalene
Concen: 9.80 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	320598		
127	13.1		10.5	15.7
129	10.9		8.7	13.1

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 9.32 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU023531.D
Acq: 30 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	183007		
182	96.0		76.8	115.2
145	30.7		24.6	36.8

