

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042619\
 Data File : VU031510.D
 Acq On : 25 Apr 2019 20:16
 Operator : JC/SP
 Sample : VSTDIC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:22:41 PM

Quant Time: Apr 26 03:51:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U042619DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 26 02:56:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	78953	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	29447	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	25872	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	334115	9.766	ug/l	100
3) Chloromethane	1.32	50	390064	10.601	ug/l	100
4) Vinyl Chloride	1.40	62	377805	10.509	ug/l	100
5) Bromomethane	1.62	94	173819	8.608	ug/l	100
6) Chloroethane	1.70	64	202853	8.491	ug/l	100
7) Trichlorofluoromethane	1.88	101	427093	8.477	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	211055	8.444	ug/l	100
9) 1,1-Dichloroethene	2.28	96	210648	8.436	ug/l	100
10) Iodomethane	2.41	142	260663	7.923	ug/l	100
11) Allyl Chloride	2.59	41	465720	9.390	ug/l	100
12) Acrylonitrile	2.94	53	121785	16.810	ug/l	100
13) Acetone	2.32	43	270749	40.936	ug/l	100
14) Carbon Disulfide	2.47	76	807768	8.726	ug/l	100
15) Methylene Chloride	2.70	84	249990	7.786	ug/l	100
16) trans-1,2-Dichloroethene	2.97	96	238878	8.651	ug/l	100
17) 1,1-Dichloroethane	3.44	63	492576	10.692	ug/l	100
18) 2-Butanone	4.27	43	416040	58.180	ug/l	100
19) Cyclohexane	4.99	56	428060m	12.849	ug/l	
20) Methylcyclohexane	6.41	83	363792	11.329	ug/l	100
21) 2,2-Dichloropropane	4.22	77	359721	10.227	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	262716	10.522	ug/l	100
23) Diethyl Ether	2.10	59	206047	8.833	ug/l	100
24) tert-Butyl Alcohol	2.85	59	209444	85.058	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	637641	8.771	ug/l	100
26) Bromochloromethane	4.54	128	109812	9.763	ug/l	100
27) Chloroform	4.67	83	462566	10.275	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	386651	10.148	ug/l	100
29) 1,1-Dichloropropene	5.13	75	350760	10.930	ug/l	100
30) Carbon Tetrachloride	5.13	117	329692	9.868	ug/l	100
31) Isopropyl Ether	3.57	45	782606	11.465	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	660072	11.508	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	552630	11.332	ug/l	100
34) Propionitrile	4.33	54	113407	57.620	ug/l	100
35) Benzene	5.38	78	1018202	10.764	ug/l	100
36) 1,2-Dichloroethane	5.40	62	316142	10.487	ug/l	100
37) Trichloroethene	6.18	130	240722	9.216	ug/l	100
38) 1,2-Dichloropropane	6.43	63	281582	11.107	ug/l	100
39) Methacrylonitrile	4.54	41	99640	11.268	ug/l	100
40) Methyl acrylate	4.42	55	150069	13.152	ug/l	100
41) Tetrahydrofuran	4.65	42	101707	22.558	ug/l	100
42) 1-Chlorobutane	5.06	56	525536	11.447	ug/l	100

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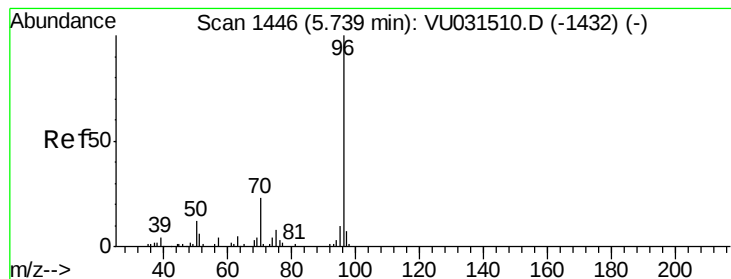
Manual Integrations
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Quant Time: Apr 26 03:51:19 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	134913	10.052	ug/l	100
44) Bromodichloromethane	6.75	83	337268	10.372	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	911922	57.455	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	113801m	19.298	ug/l	100
47) Methyl methacrylate	6.62	69	248907	22.201	ug/l	100
48) Ethyl methacrylate	8.02	69	219950	11.133	ug/l	100
49) Toluene	7.63	92	576941	11.189	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	294746	10.738	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	353174	10.803	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	175947	9.773	ug/l	100
53) 1,3-Dichloropropane	8.24	76	324075	10.529	ug/l	100
54) 2-Hexanone	8.36	43	627983	58.487	ug/l	100
55) Dibromochloromethane	8.47	129	207216	9.746	ug/l	100
56) 1,2-Dibromoethane	8.58	107	164876	9.870	ug/l	100
58) Tetrachloroethene	8.22	164	229295	10.279	ug/l	100
59) Chlorobenzene	9.12	112	579078	10.211	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	213245	9.998	ug/l	100
61) Pentachloroethane	11.10	117	144694	8.878	ug/l	100
62) Hexachloroethane	12.14	117	152889	9.600	ug/l	100
63) Ethyl Benzene	9.25	91	1042426	11.441	ug/l	100
64) m/p-Xylenes	9.37	106	800245	23.165	ug/l	100
65) o-Xylene	9.77	106	373217	11.257	ug/l	100
66) Styrene	9.79	104	668319	11.889	ug/l	100
67) Bromoform	9.95	173	115836	9.542	ug/l	100
69) Isopropylbenzene	10.16	105	988718	11.156	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	227391	9.729	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	166961m	9.923	ug/l	100
72) Bromobenzene	10.45	156	236382	10.166	ug/l	100
73) n-propylbenzene	10.58	120	269498	11.415	ug/l	100
74) 2-Chlorotoluene	10.66	126	239947	11.034	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	881966	11.696	ug/l	100
76) 4-Chlorotoluene	10.77	126	246379	11.207	ug/l	100
77) tert-Butylbenzene	11.10	119	780299	10.715	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	895299	11.808	ug/l	100
79) sec-Butylbenzene	11.32	105	1102318	11.163	ug/l	100
80) Nitrobenzene	12.86	77	34708	46.904	ug/l	100
81) p-Isopropyltoluene	11.47	119	885784	11.213	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	461823	10.040	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	460894	10.380	ug/l	100
84) n-Butylbenzene	11.89	91	868319	11.353	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	423947	9.869	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	35329	10.663	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	252279	9.803	ug/l	100
88) Hexachlorobutadiene	13.69	225	154947	8.895	ug/l	100
89) Naphthalene	13.74	128	461614	10.729	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	251192	9.724	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU031510.D

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Instrument :

MSVOA_U

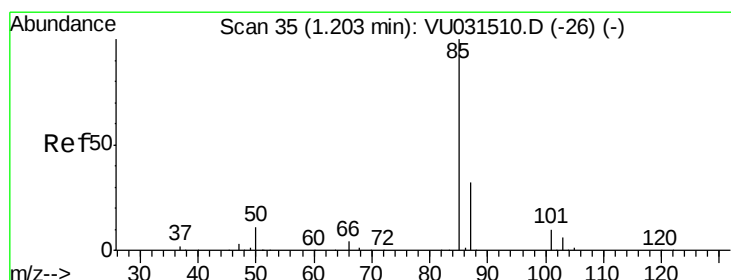
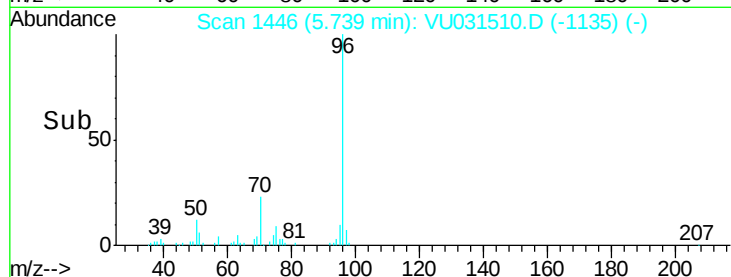
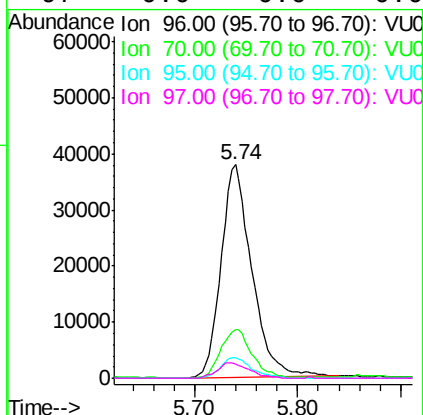
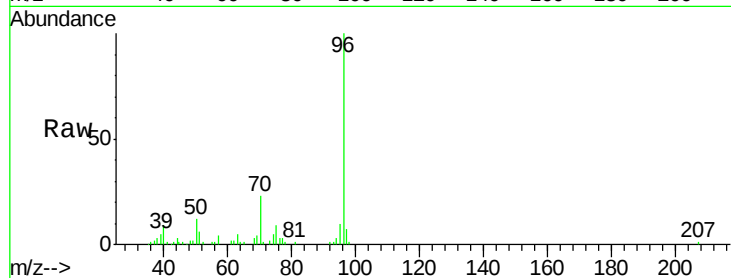
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	78953
Ion	Ratio	Lower	Upper
96	100		
70	22.7	18.2	27.2
95	9.6	7.7	11.5
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 9.766 ug/l

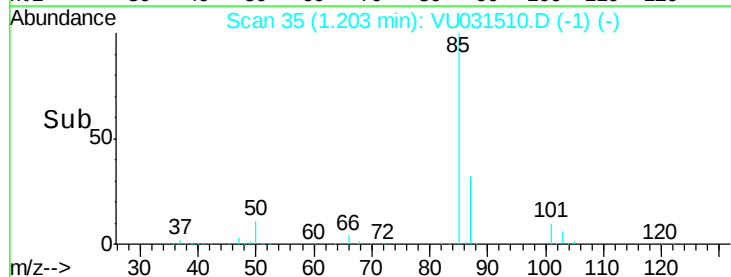
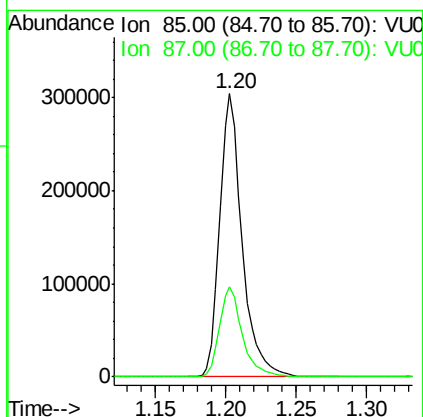
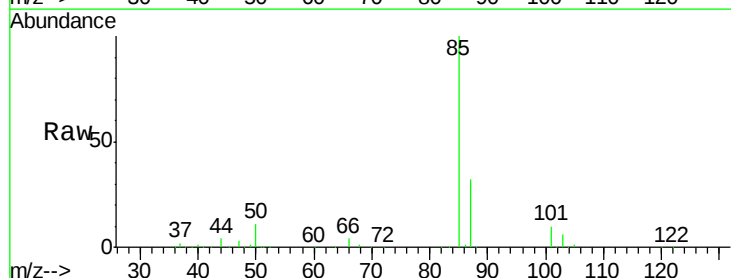
RT: 1.20 min Scan# 35

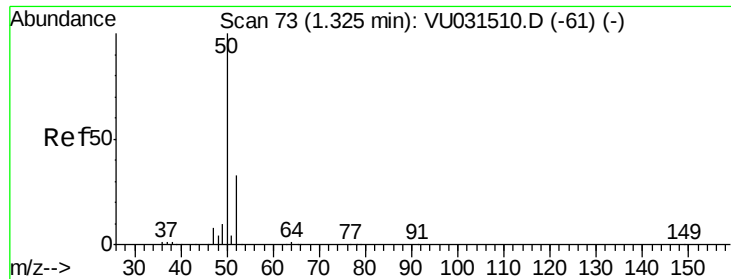
Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Tgt Ion:	85	Resp:	334115
Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.2





#3

Chloromethane

Concen: 10.601 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 390064

Ion Ratio Lower Upper

50 100

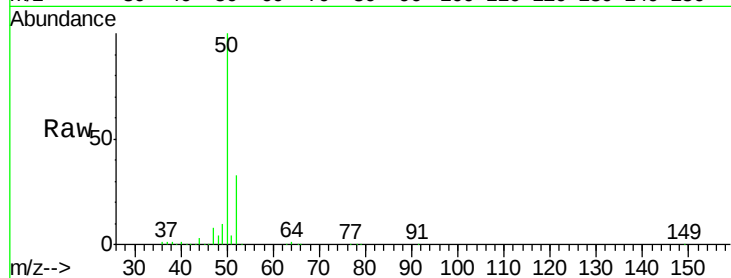
52 32.6 26.1 39.1

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VU031510.D (-61) (-)

Ion 52.00 (51.70 to 52.70): VU031510.D (-61) (-)

1.32

400000

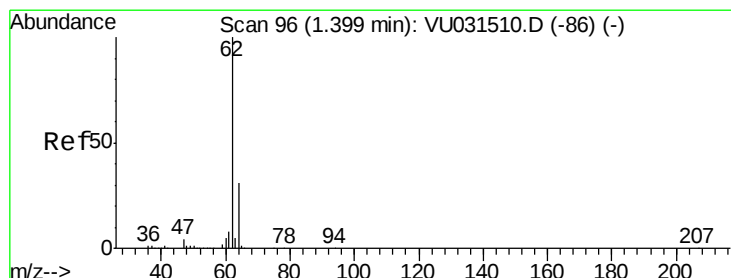
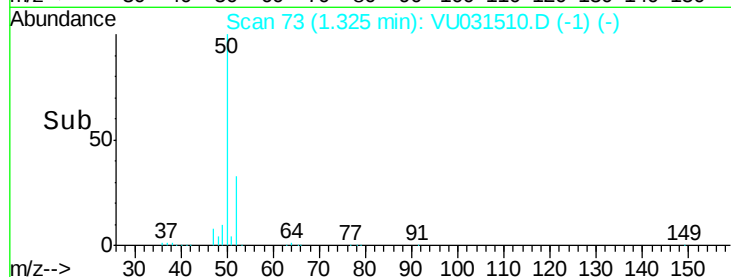
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 10.509 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031510.D

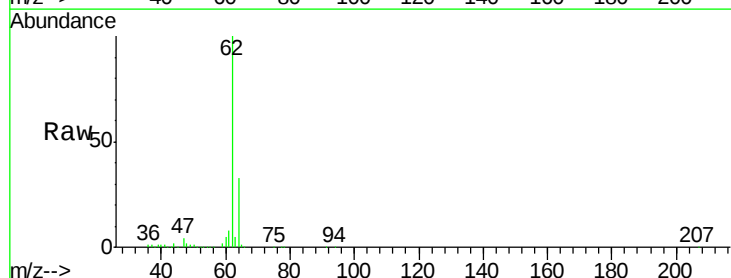
Acq: 25 Apr 2019 20:16

Tgt Ion: 62 Resp: 377805

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3



Abundance Ion 62.00 (61.70 to 62.70): VU031510.D (-86) (-)

Ion 64.00 (63.70 to 64.70): VU031510.D (-86) (-)

1.40

400000

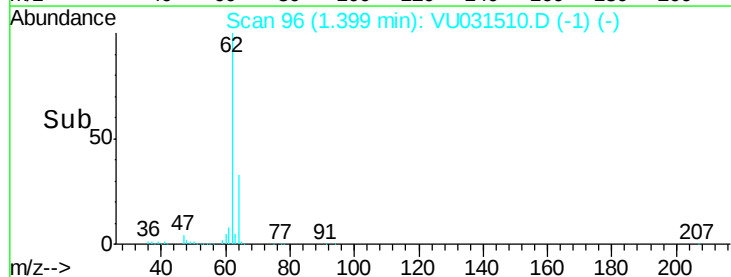
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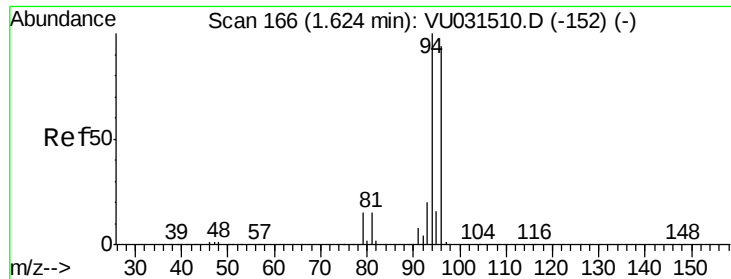
200000

100000

0

Time-->





#5

Bromomethane

Concen: 8.608 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 173819

Ion Ratio Lower Upper

94 100

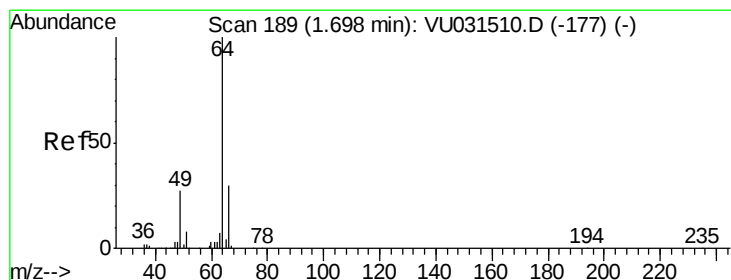
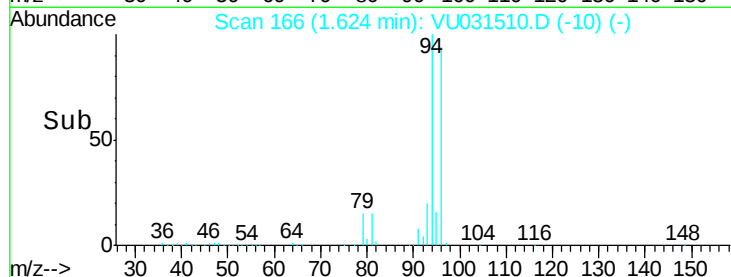
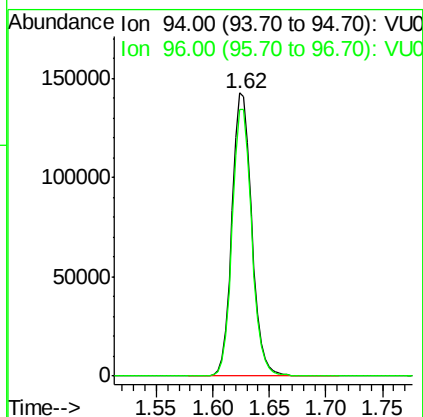
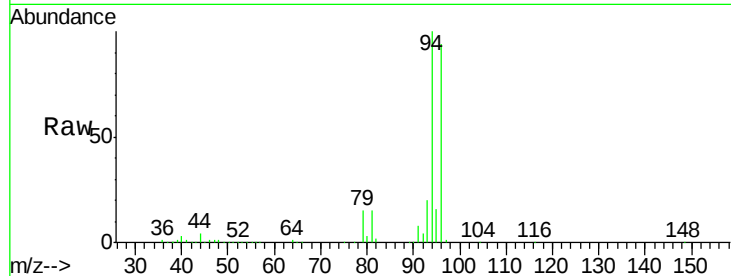
96 94.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 8.491 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031510.D

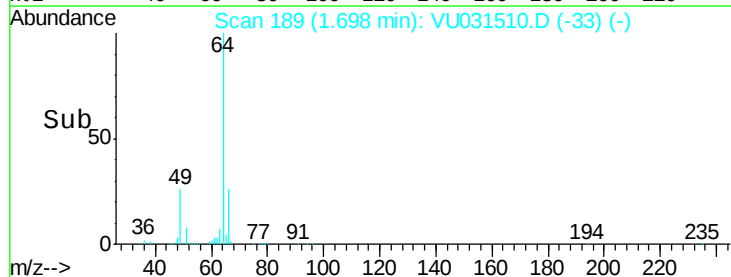
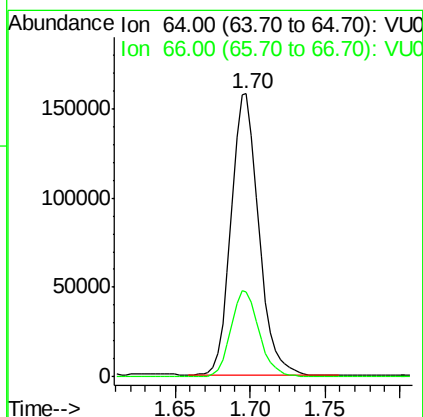
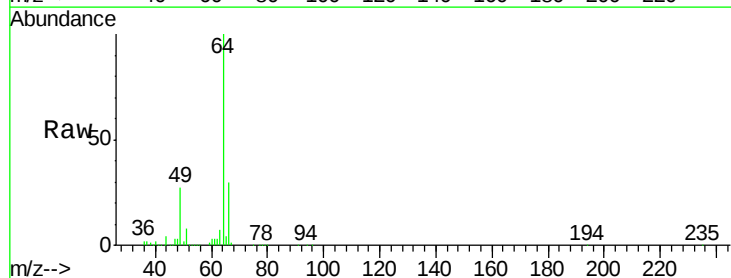
Acq: 25 Apr 2019 20:16

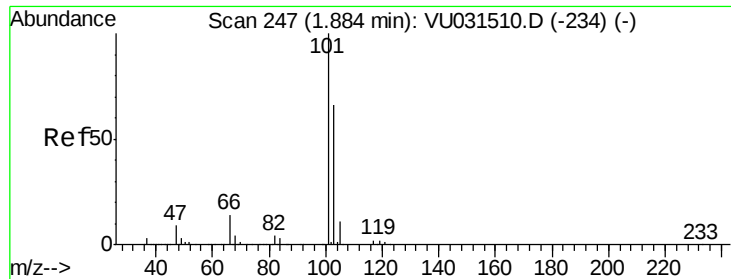
Tgt Ion: 64 Resp: 202853

Ion Ratio Lower Upper

64 100

66 30.4 24.3 36.5





#7

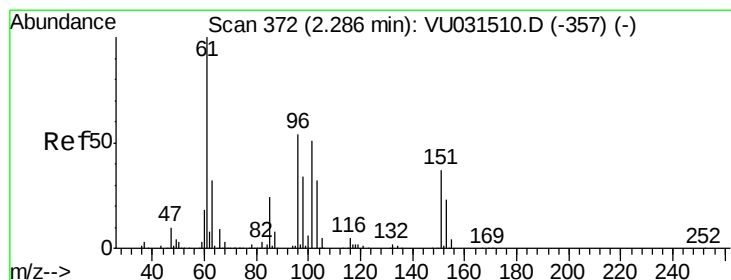
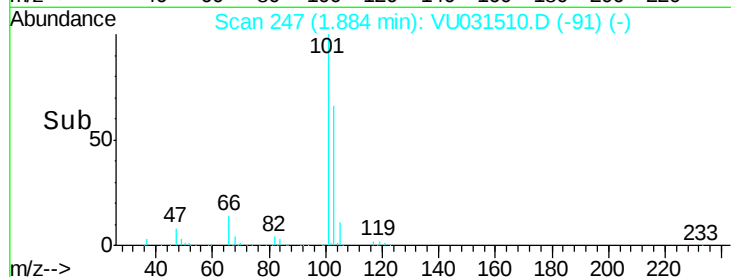
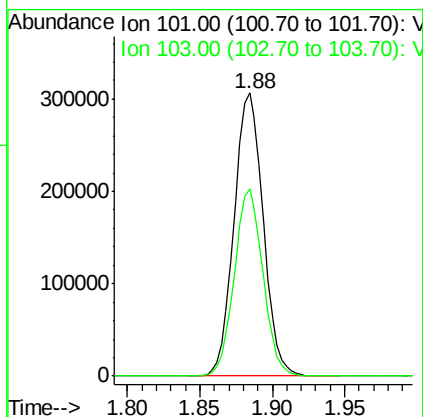
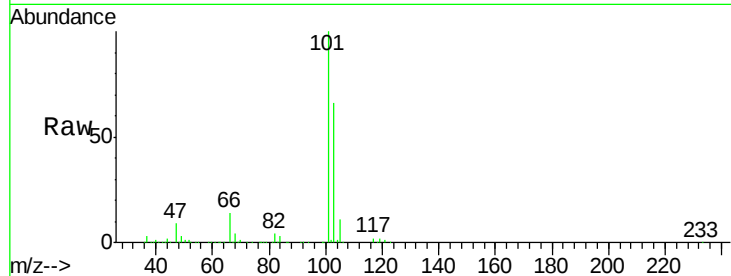
Trichlorofluoromethane
Concen: 8.477 ug/l
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		427093		
103	66.0	52.8	79.2		

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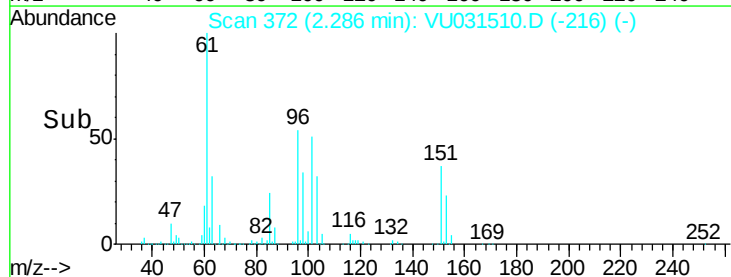
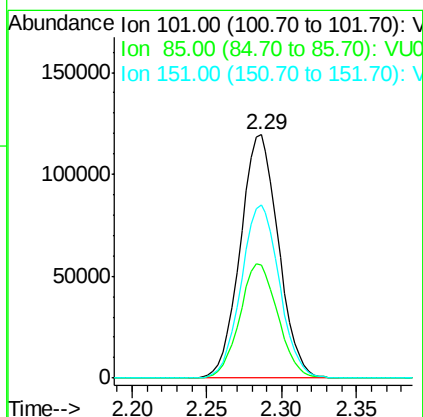
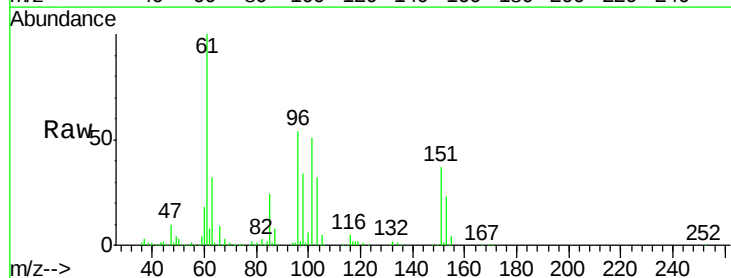
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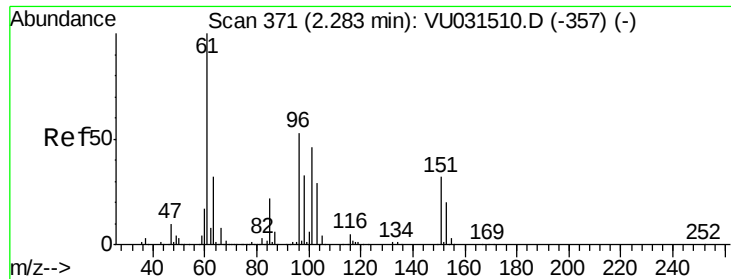


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.444 ug/l
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
101	100		211055		
85	47.2	37.8	56.6		
151	71.7	57.4	86.0		





#9

1,1-Dichloroethene

Concen: 8.436 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

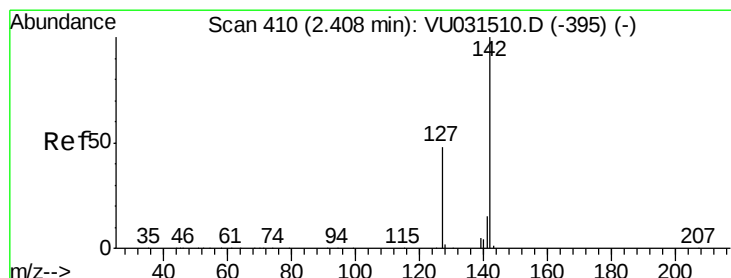
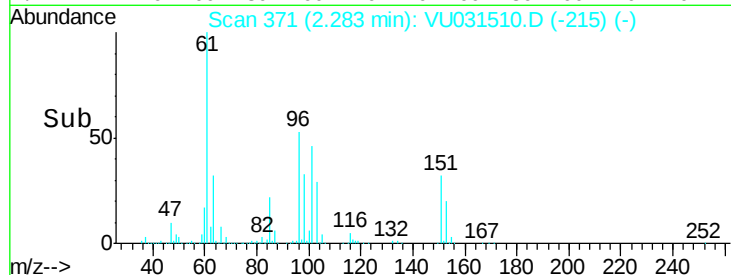
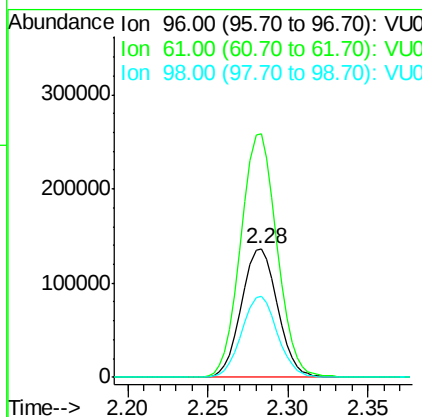
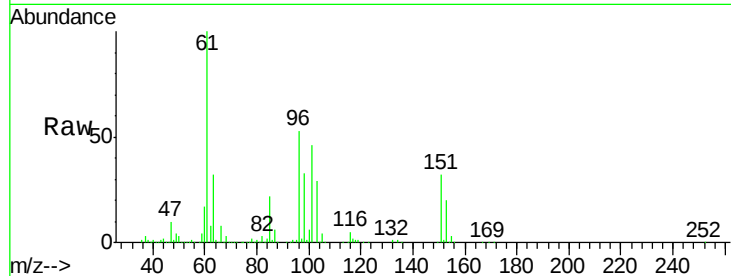
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	210648
Ion Ratio	Lower	Upper	
96	100		
61	188.9	0.0	566.7
98	63.2	0.0	126.4

Manual Integrations
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#10

Iodomethane

Concen: 7.923 ug/l

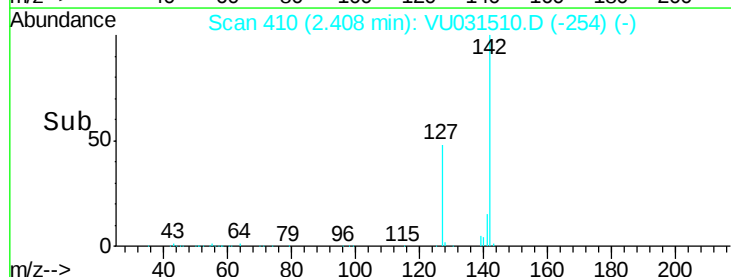
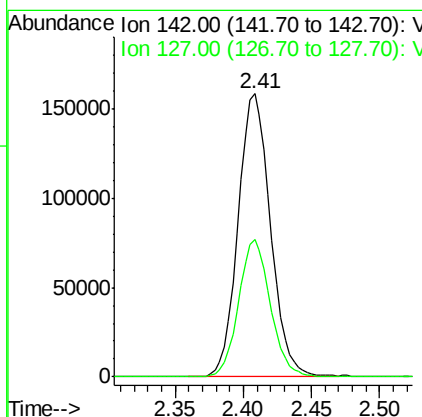
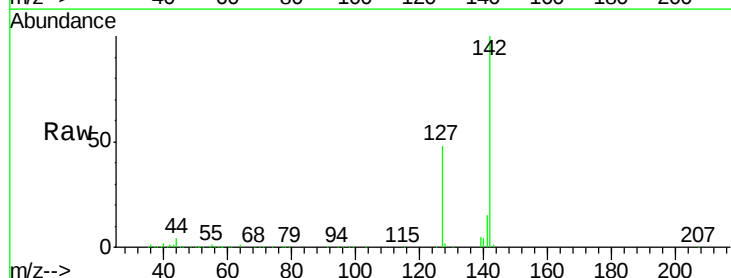
RT: 2.41 min Scan# 410

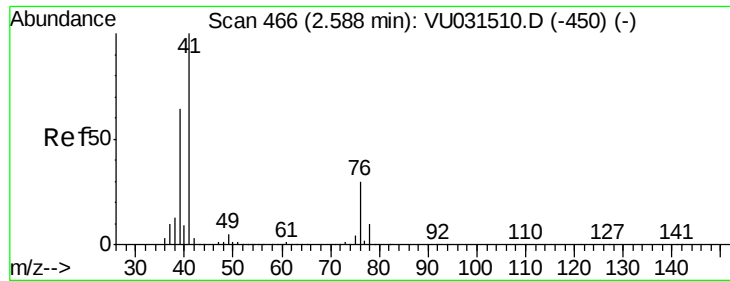
Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Tgt Ion:	142	Resp:	260663
Ion Ratio	Lower	Upper	
142	100		
127	47.7	38.2	57.2





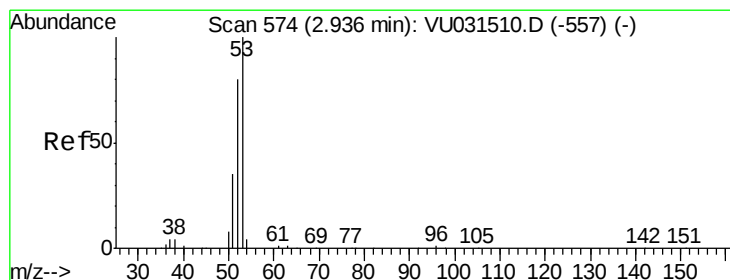
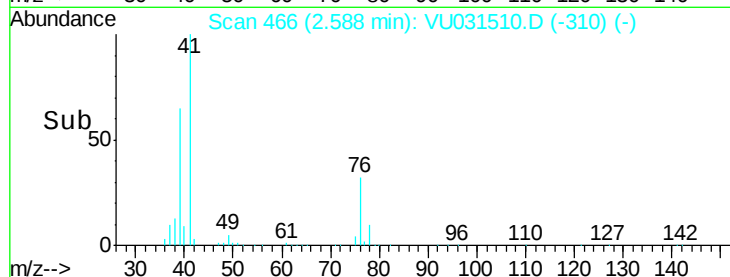
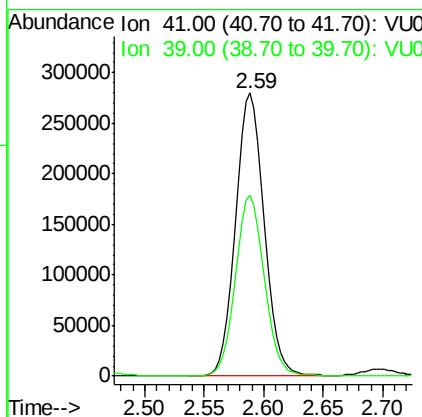
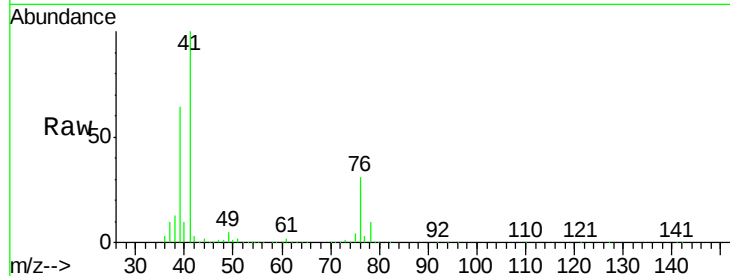
#11
Allvl Chloride
Concen: 9.390 ug/l
RT: 2.59 min Scan# 466
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion: 41 Resp: 465720
Ion Ratio Lower Upper
41 100
39 64.2 51.4 77.0

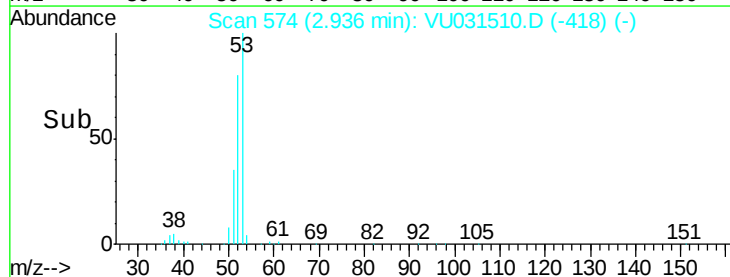
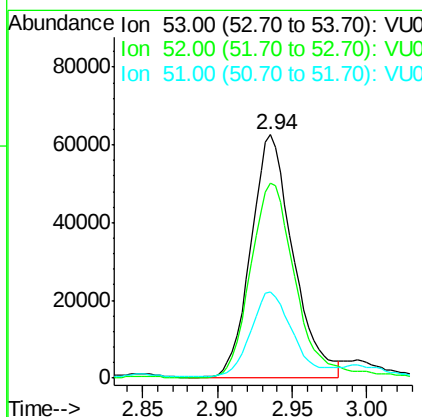
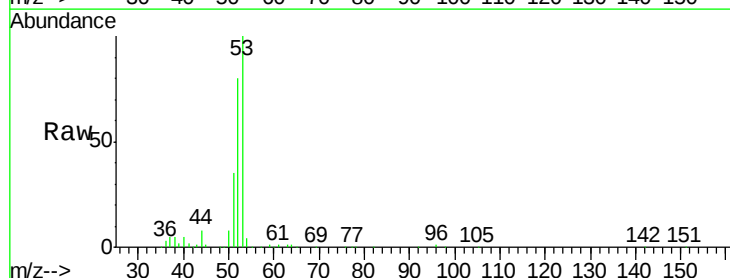
Manual Integrations
APPROVED

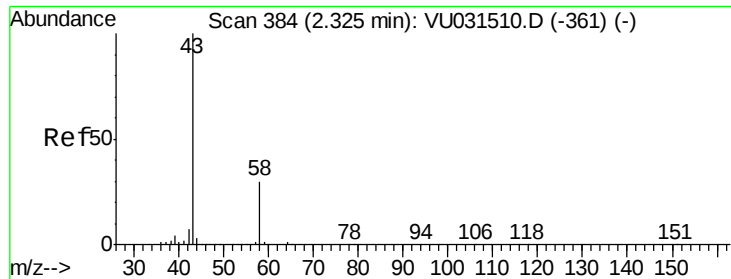
MMdadoda
4/26/2019 12:22:41 PM



#12
Acrylonitrile
Concen: 16.810 ug/l
RT: 2.94 min Scan# 574
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion: 53 Resp: 121785
Ion Ratio Lower Upper
53 100
52 86.7 69.4 104.0
51 34.4 27.5 41.3





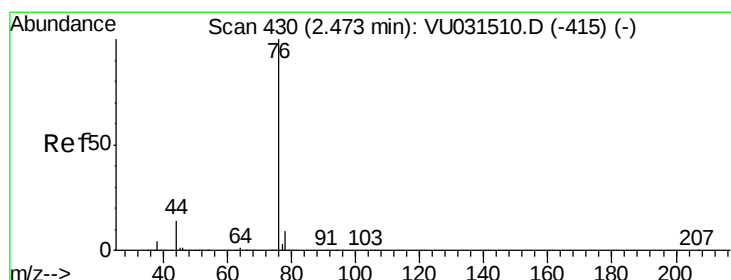
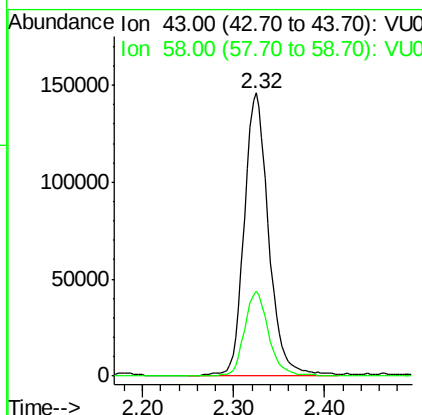
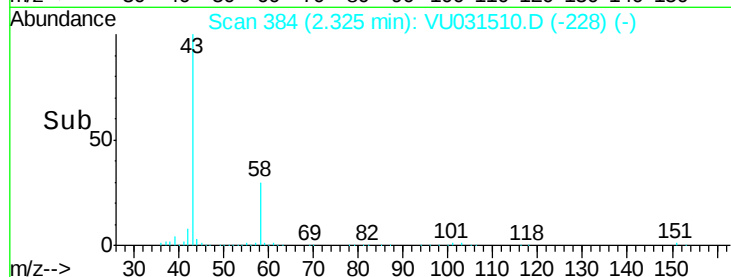
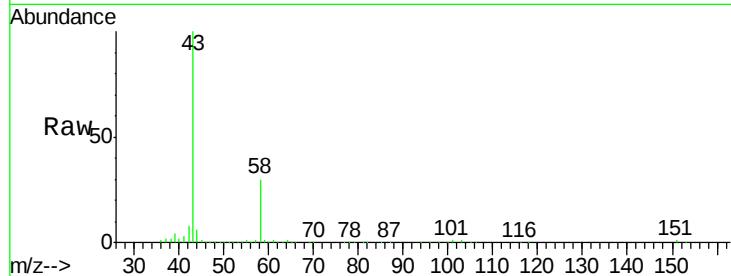
#13
Acetone
Concen: 40.936 ug/l
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 270749
Ion Ratio Lower Upper
43 100
58 30.1 24.1 36.1

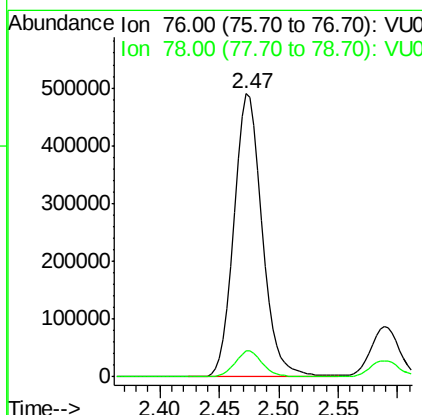
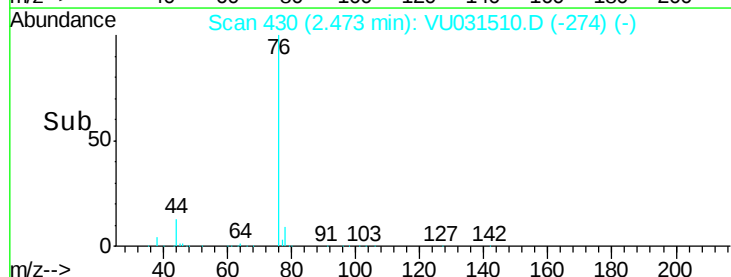
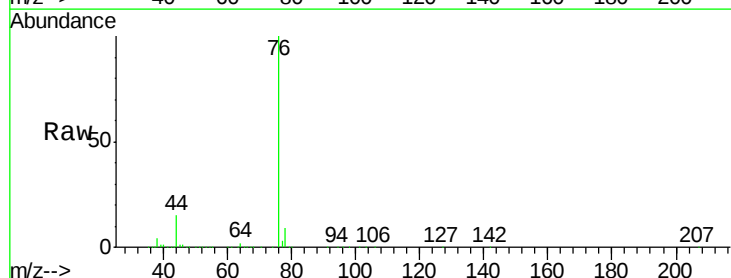
Manual Integrations
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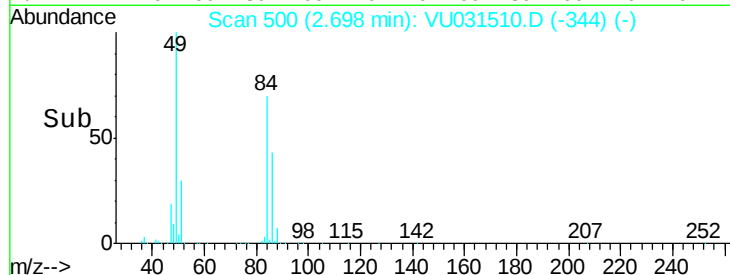
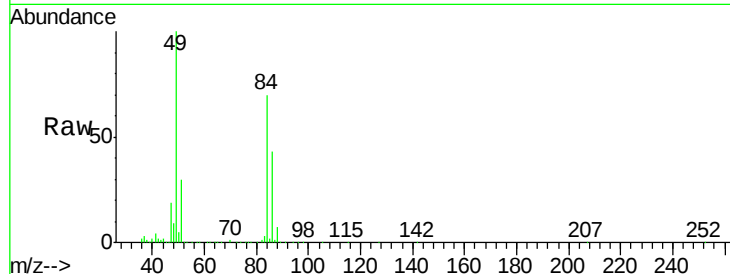
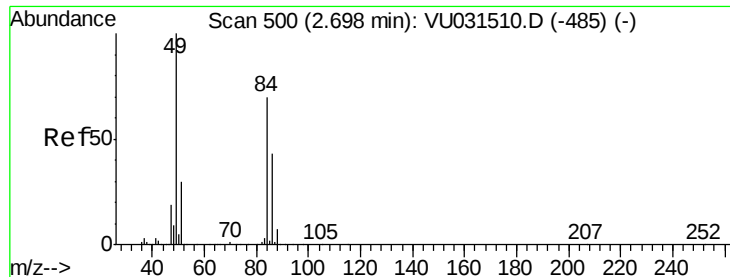
MMdadoda
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#14
Carbon Disulfide
Concen: 8.726 ug/l
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion: 76 Resp: 807768
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





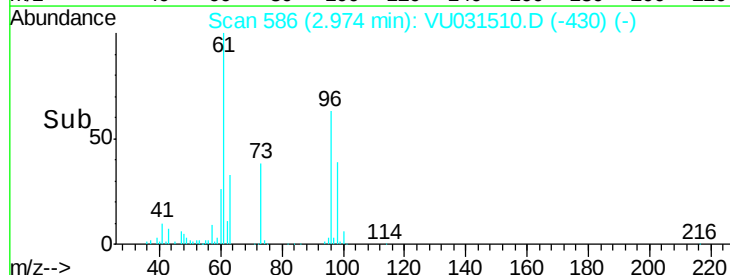
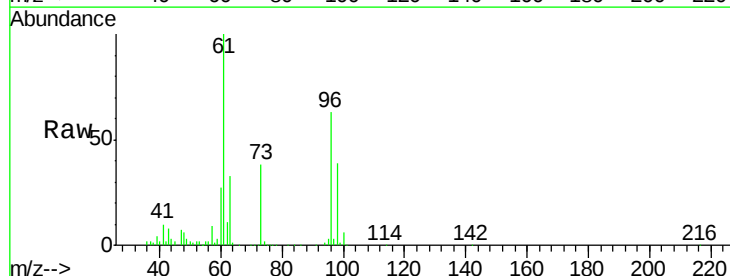
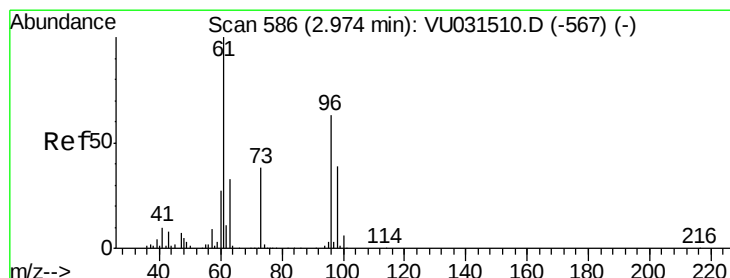
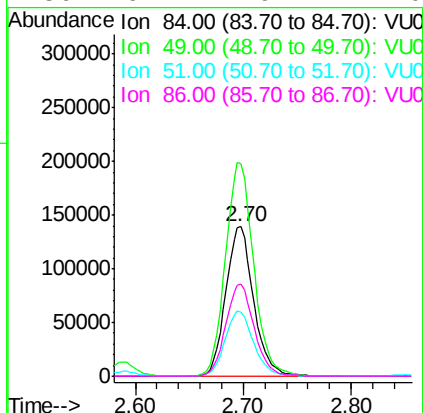
#15
Methvlene Chloride
Concen: 7.786 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
84	100				
49	142.0	113.6	170.4		
51	42.8	0.0	85.6		
86	61.7	49.4	74.0		

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

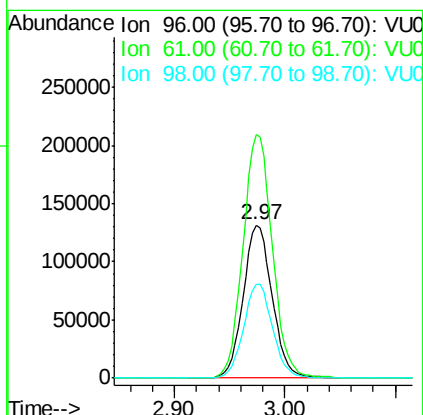
Manual Integrations
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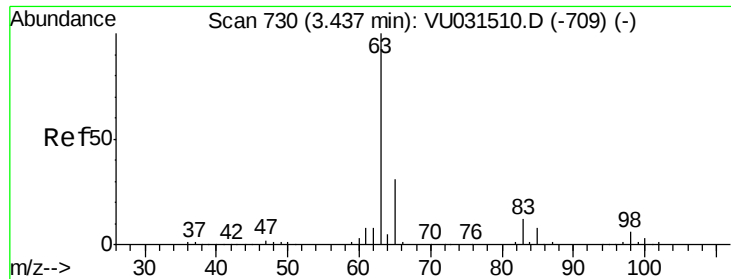
MMdadoda
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#16
trans-1,2-Dichloroethene
Concen: 8.651 ug/l
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	159.0	127.2	190.8		
98	61.7	49.4	74.0		





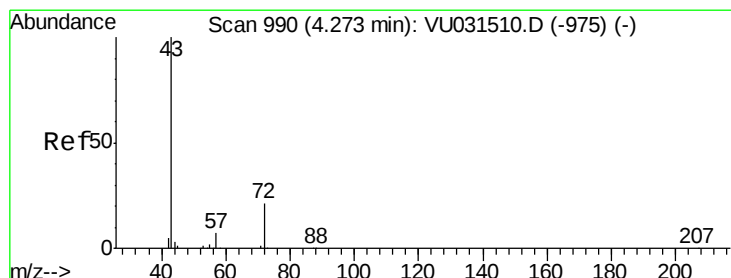
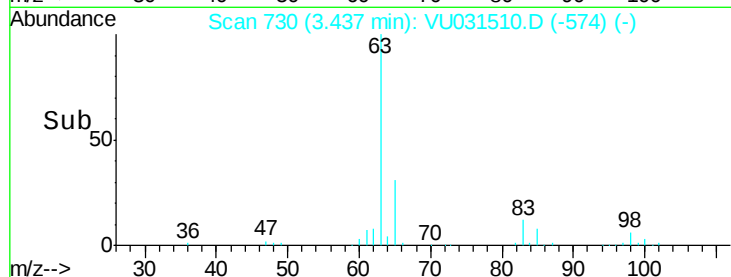
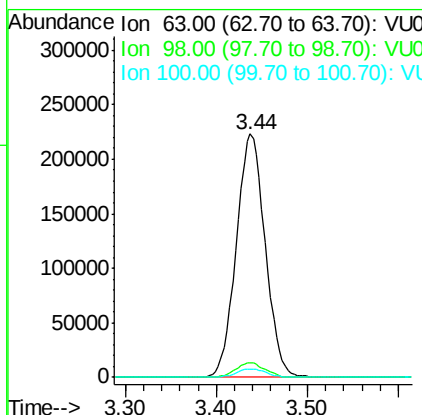
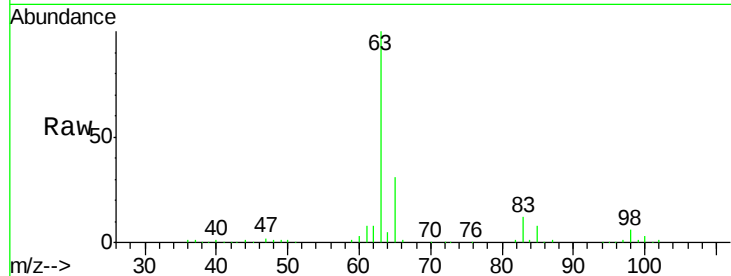
#17
 1,1-Dichloroethane
 Concen: 10.692 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.0	9.2
100	3.4	1.7	5.1

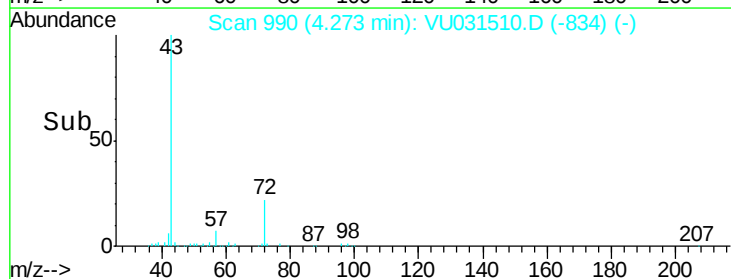
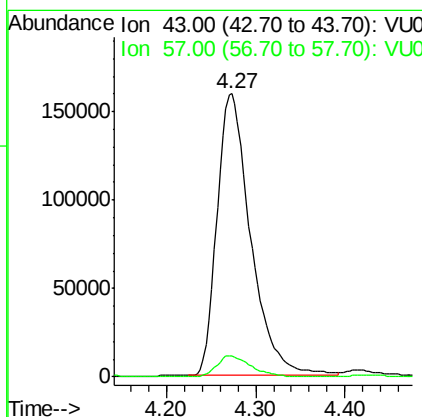
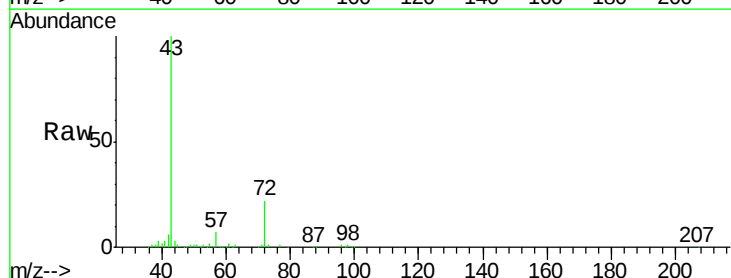
Manual Integrations
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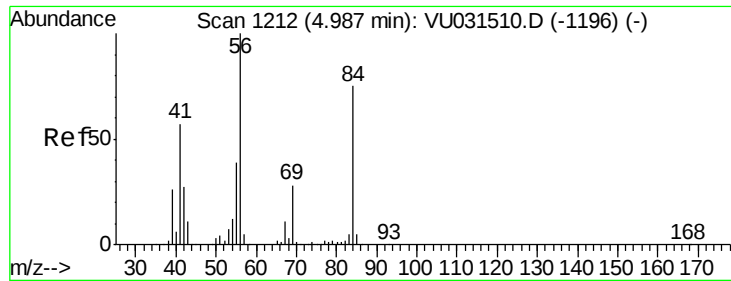
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#18
 2-Butanone
 Concen: 58.180 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.1	0.0	14.2





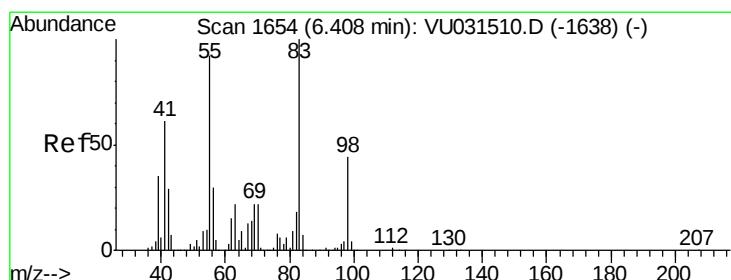
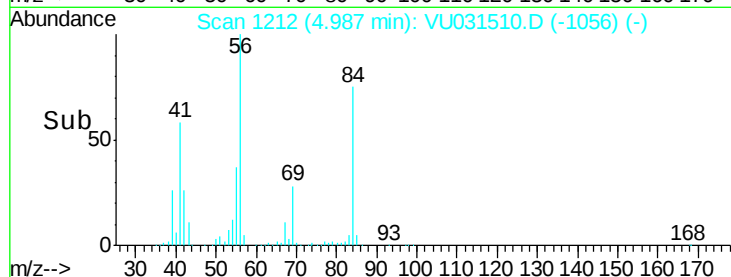
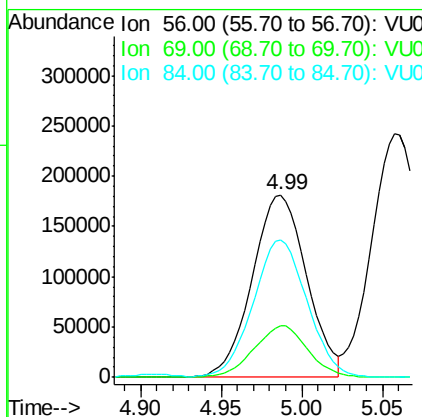
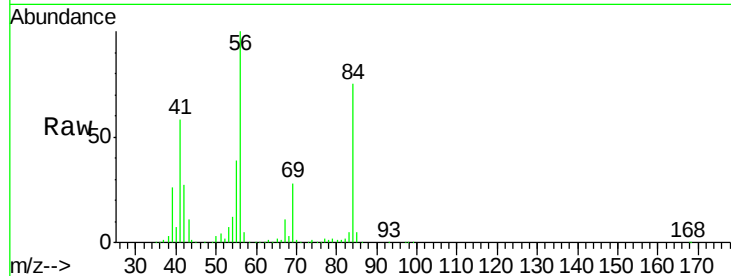
#19
Cyclohexane
Concen: 12.849 ug/l m
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	22.4	33.6
84	73.7	59.0	88.4

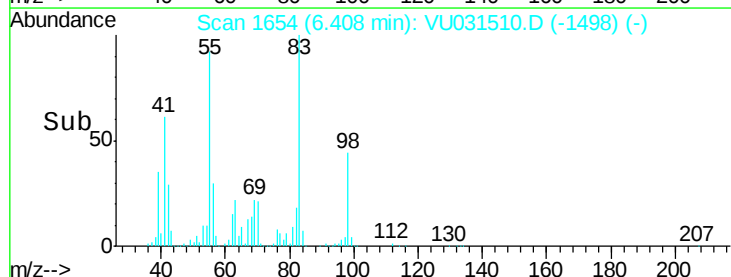
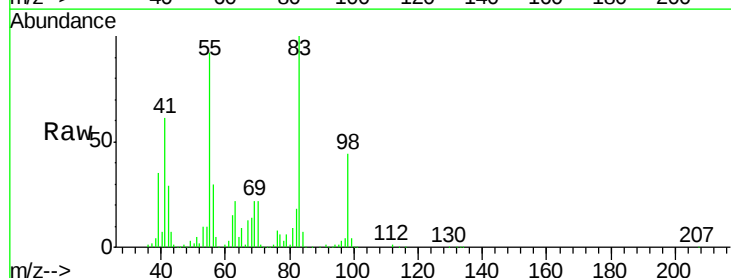
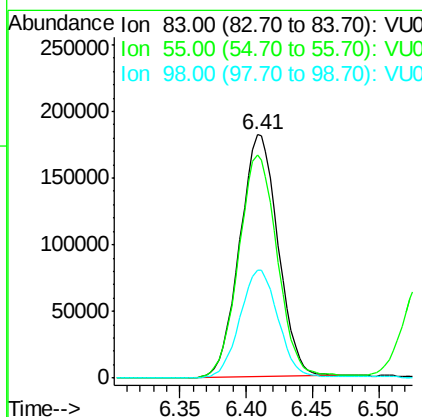
Manual Integrations
APPROVED

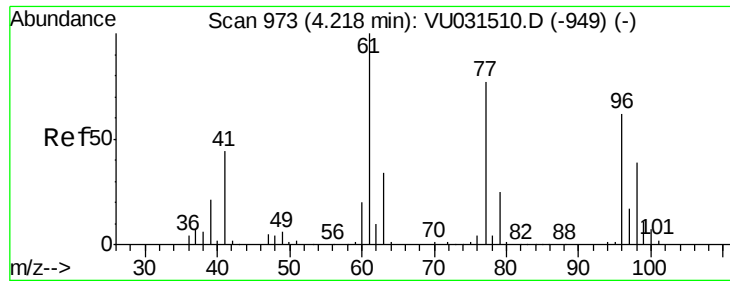
MMdadoda
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#20
Methylcyclohexane
Concen: 11.329 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
55	92.1	73.7	110.5
98	44.0	35.2	52.8





#21

2,2-Dichloropropane

Concen: 10.227 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampled :

VSTDIC010

Tot Ion: 77 Resp: 359721

Ion Ratio Lower Upper

77 100

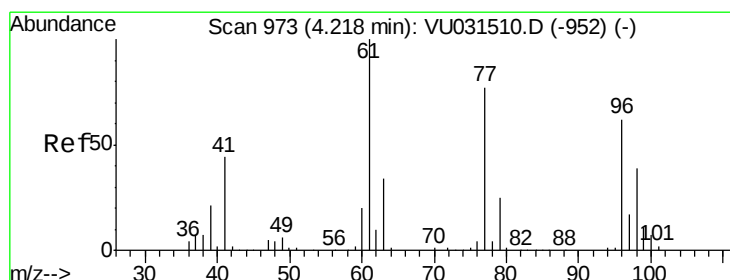
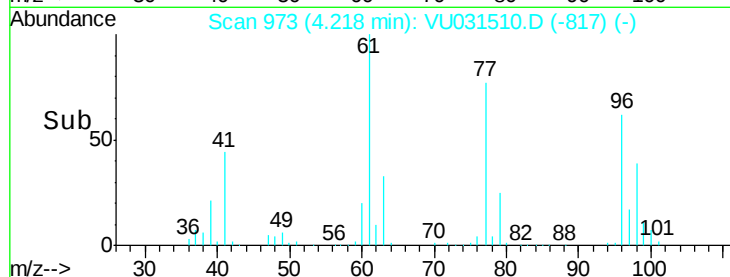
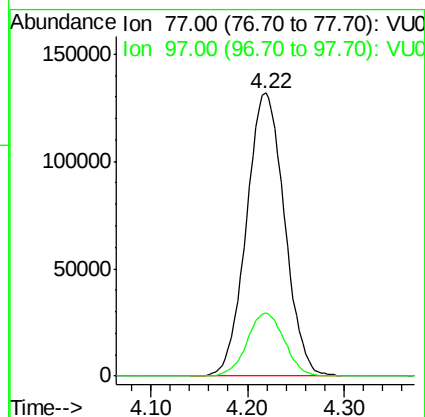
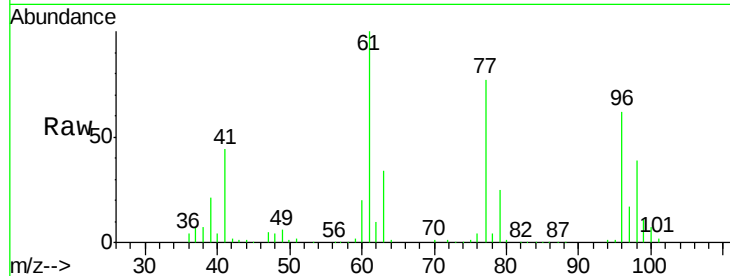
97 21.9 17.5 26.3

Manual Integrations

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MMdadoda

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#22

cis-1,2-Dichloroethene

Concen: 10.522 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

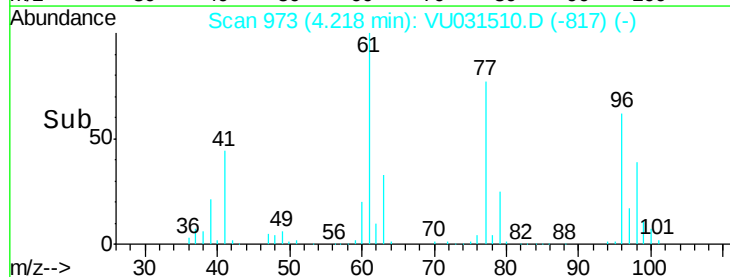
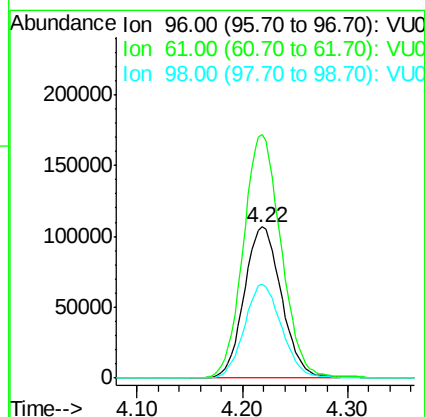
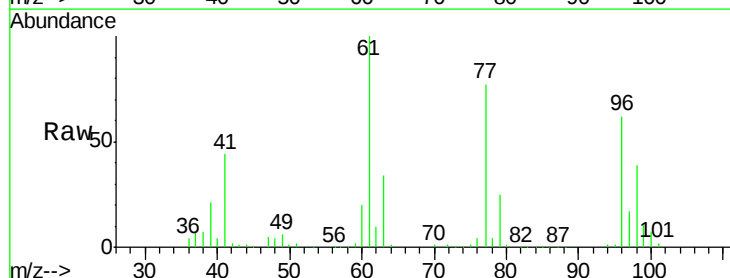
Tgt Ion: 96 Resp: 262716

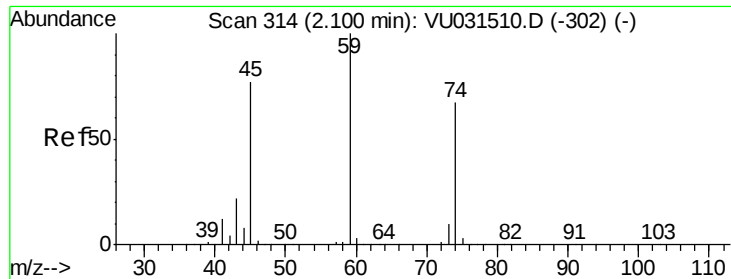
Ion Ratio Lower Upper

96 100

61 163.5 0.0 408.8

98 62.2 31.1 93.3





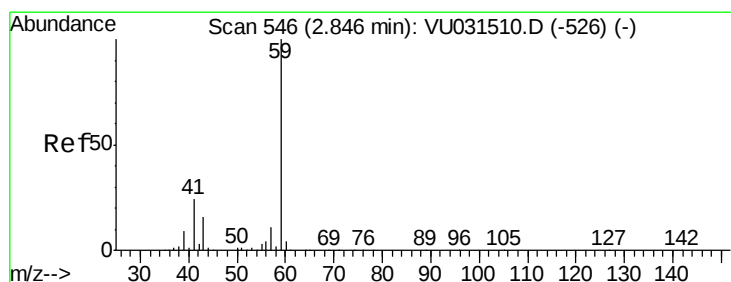
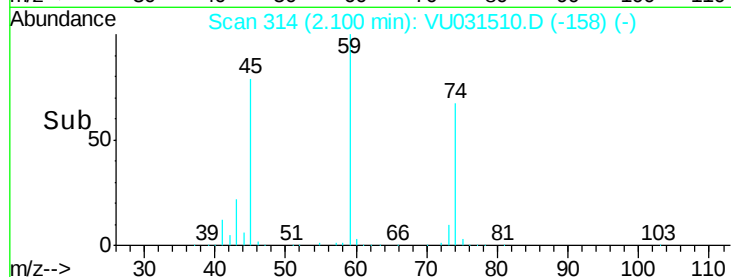
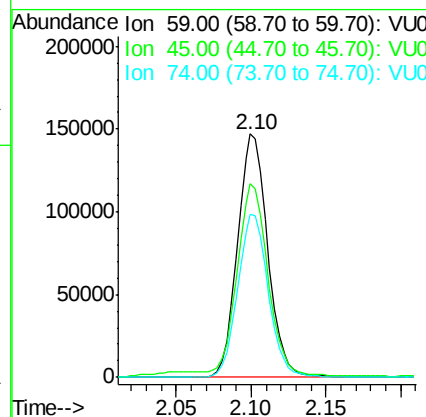
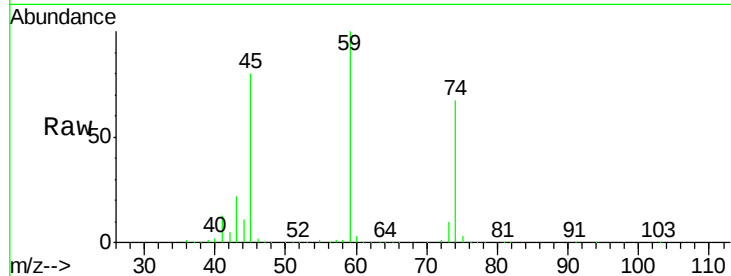
#23
Diethyl Ether
Concen: 8.833 ug/l
RT: 2.10 min Scan# 314
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion:	59	Resp:	206047
Ion	Ratio	Lower	Upper
59	100		
45	80.6	64.5	96.7
74	68.2	54.6	81.8

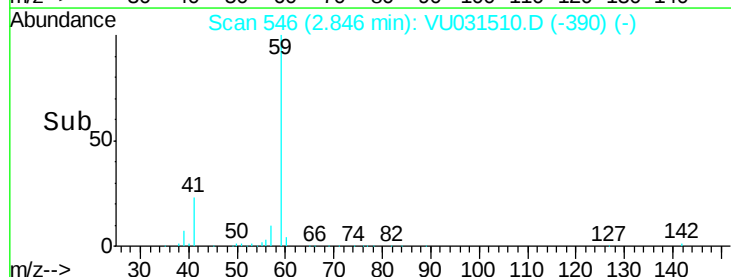
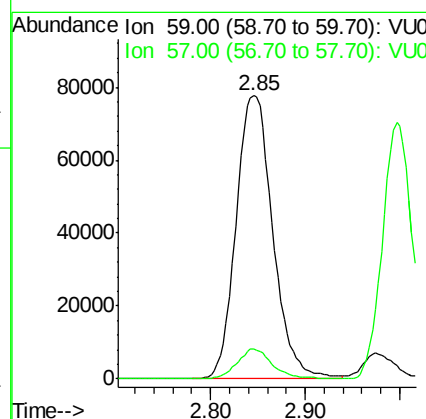
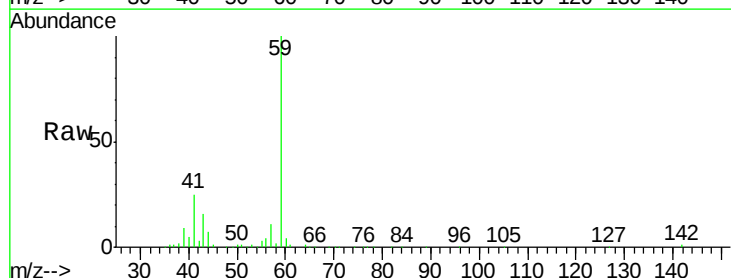
Manual Integrations
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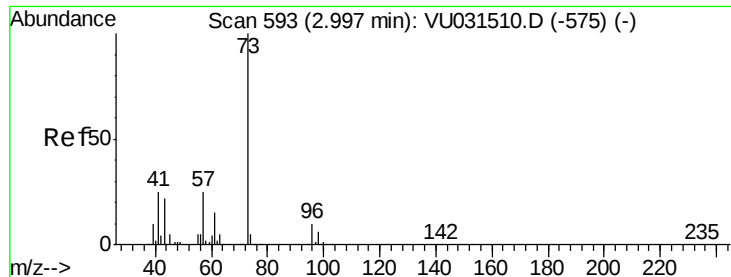
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#24
tert-Butyl Alcohol
Concen: 85.058 ug/l
RT: 2.85 min Scan# 546
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion:	59	Resp:	209444
Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2





#25

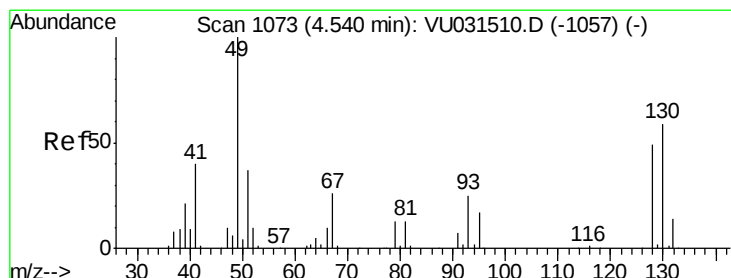
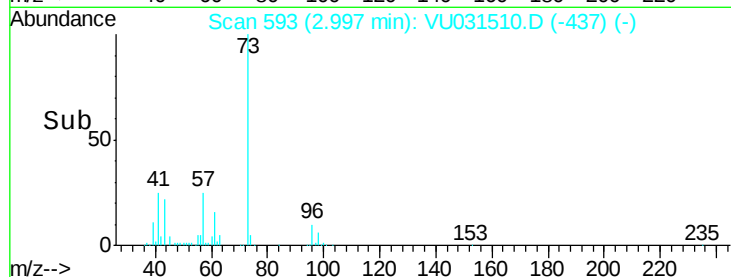
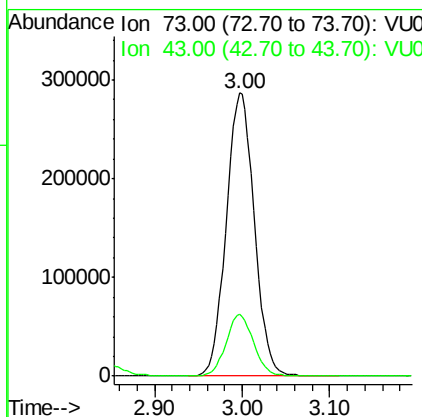
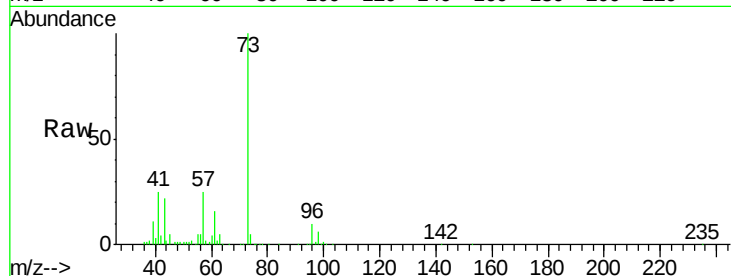
Methyl tert-Butyl Ether
 Concen: 8.771 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.1	16.9	25.3

Manual Integrations
 APPROVED

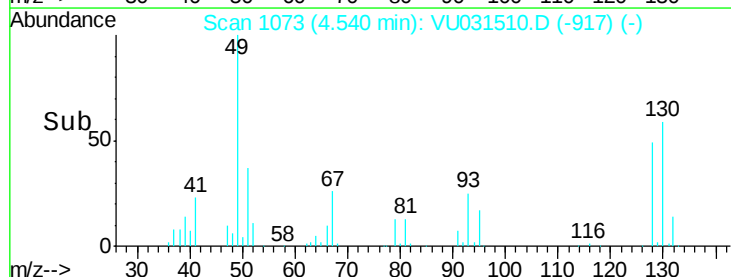
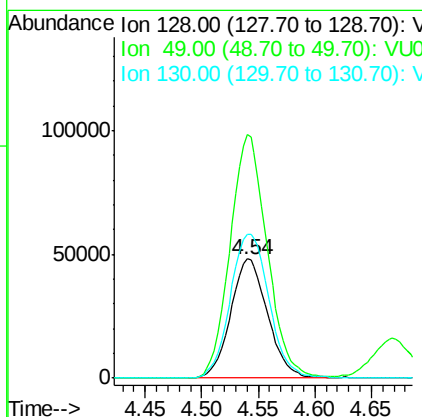
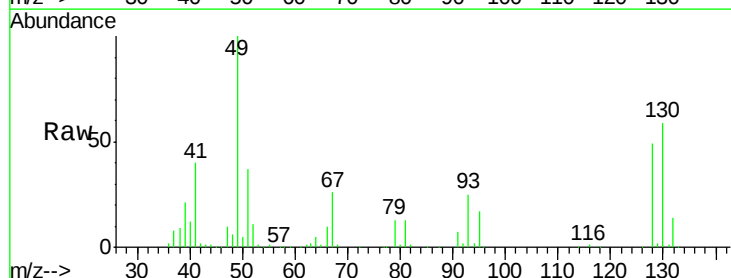
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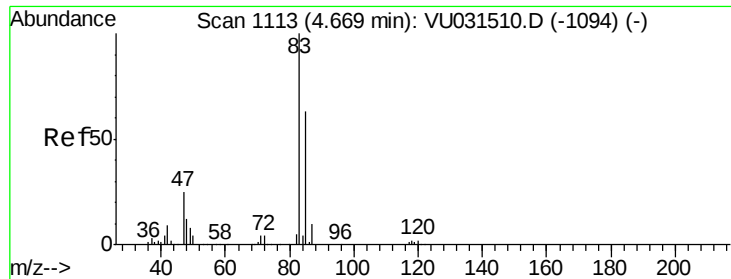


#26

Bromochloromethane
 Concen: 9.763 ug/l
 RT: 4.54 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
128	100		
49	203.6	0.0	407.2
130	126.8	101.4	152.2





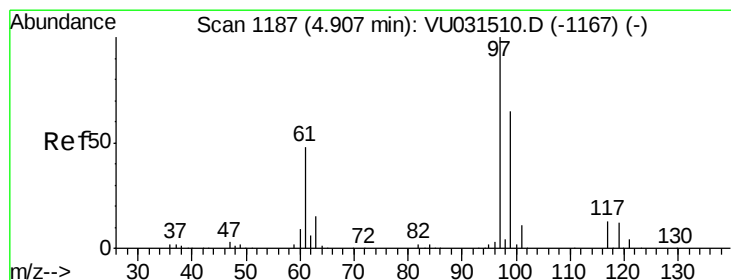
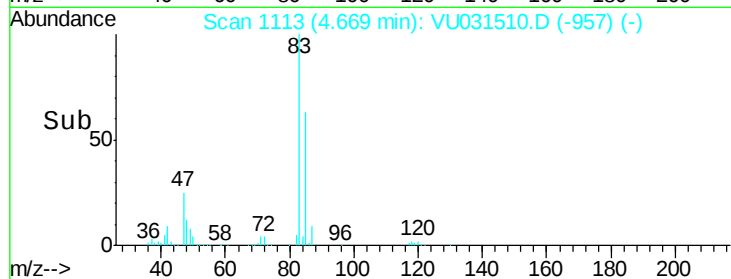
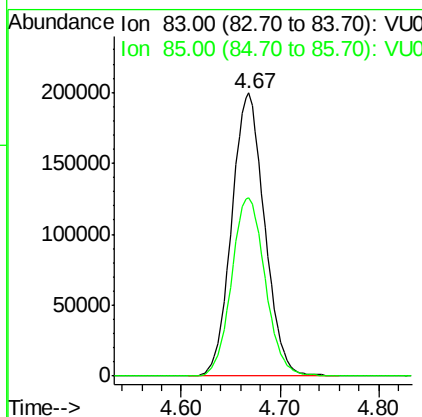
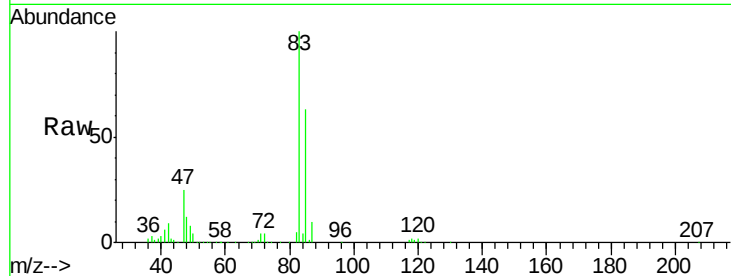
#27
Chloroform
Concen: 10.275 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	462566
Ion Ratio	100	Lower	Upper
85	63.1	0.0	126.2

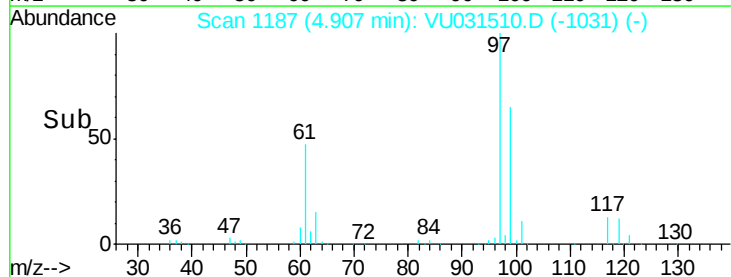
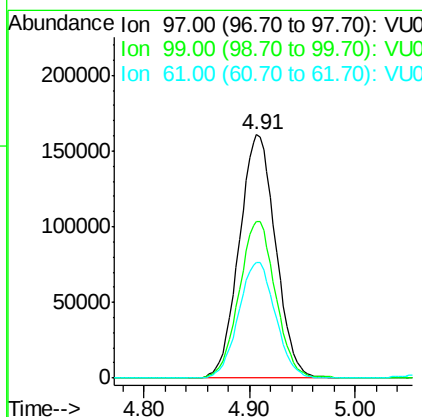
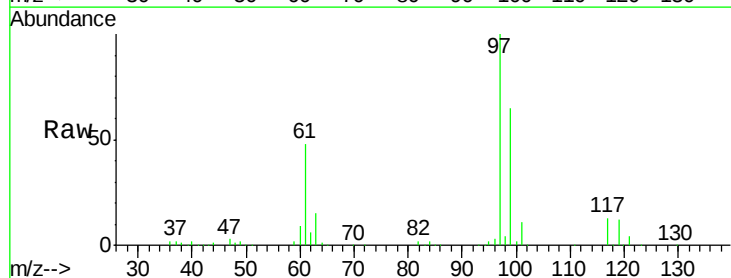
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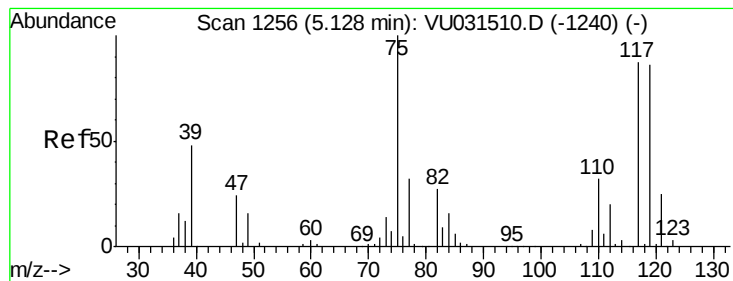
MMdadoda
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#28
1,1,1-Trichloroethane
Concen: 10.148 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	97	Resp	386651
Ion Ratio	100	Lower	Upper
99	64.1	32.0	96.2
61	48.0	24.0	72.0





#29

1,1-Dichloropropene

Concen: 10.930 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 350760

Ion Ratio Lower Upper

75 100

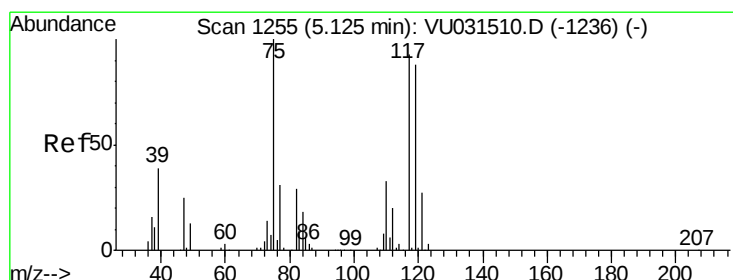
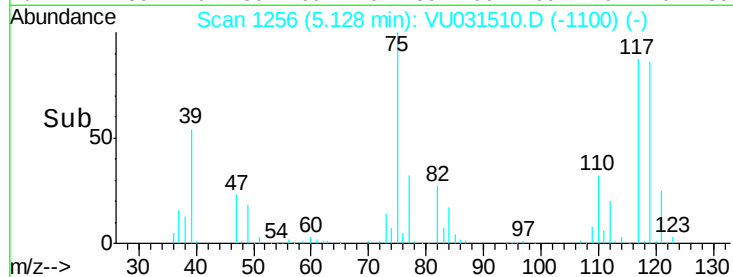
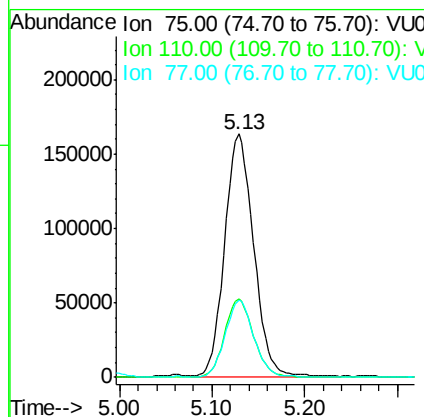
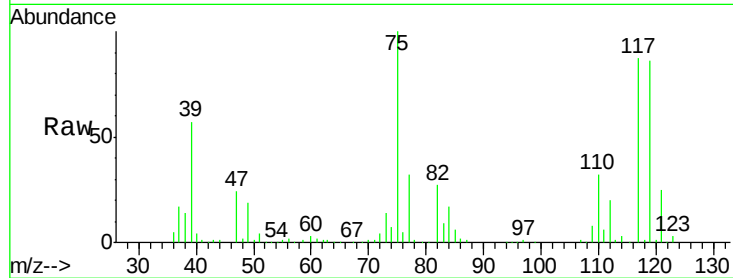
110 32.7 16.4 49.1

77 31.3 25.0 37.6

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#30

Carbon Tetrachloride

Concen: 9.868 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

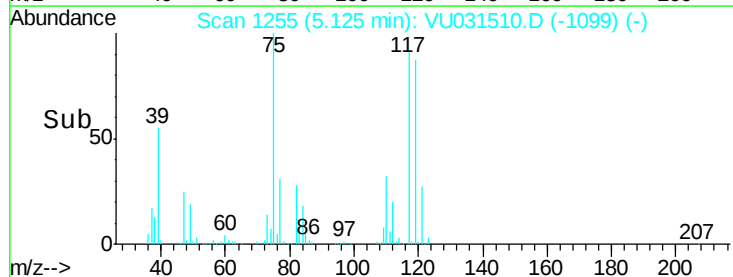
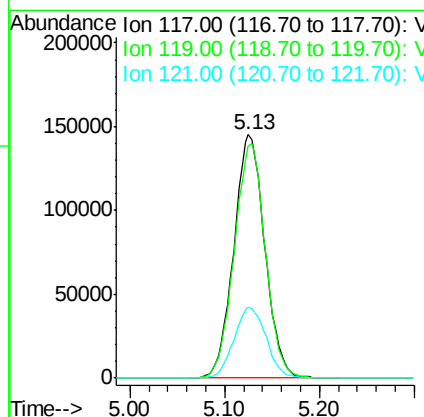
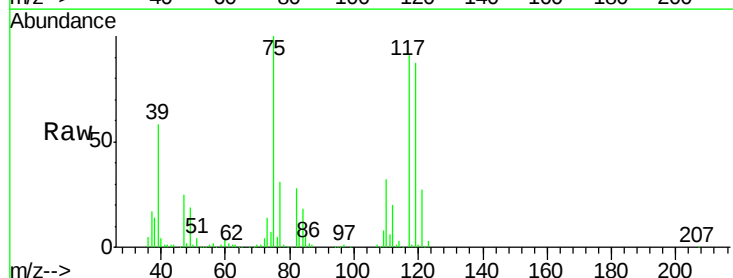
Tgt Ion: 117 Resp: 329692

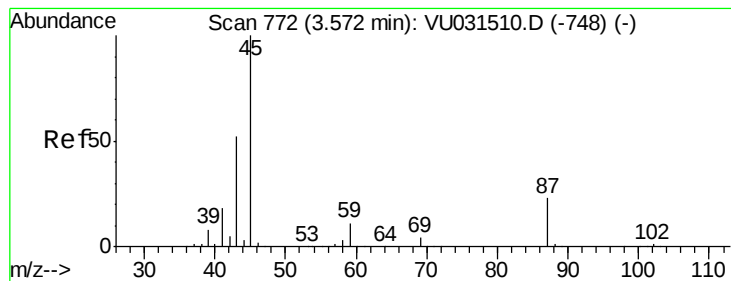
Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1

121 29.1 23.3 34.9





#31

Isopropyl Ether

Concen: 11.465 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion: 45 Resp: 782606

Ion Ratio Lower Upper

45 100

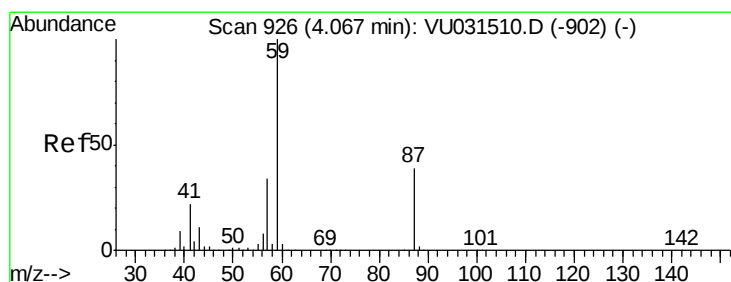
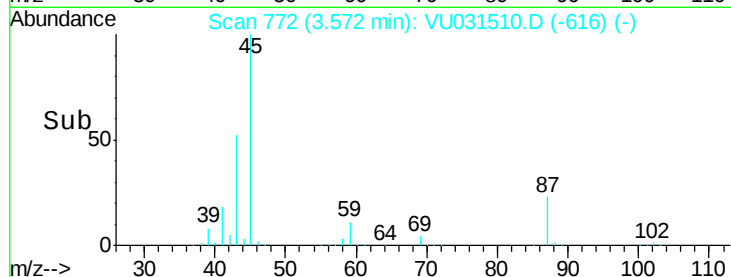
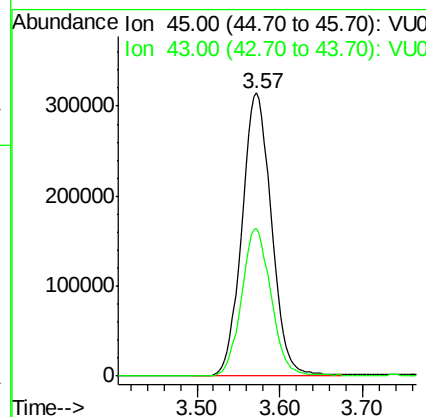
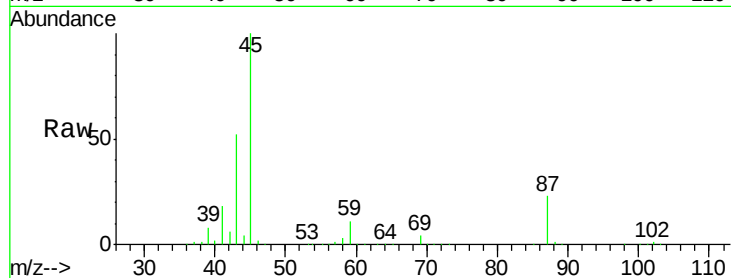
43 52.0 26.0 78.0

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#32

Ethyl-t-butyl ether

Concen: 11.508 ug/l

RT: 4.07 min Scan# 926

Delta R.T. 0.00 min

Lab File: VU031510.D

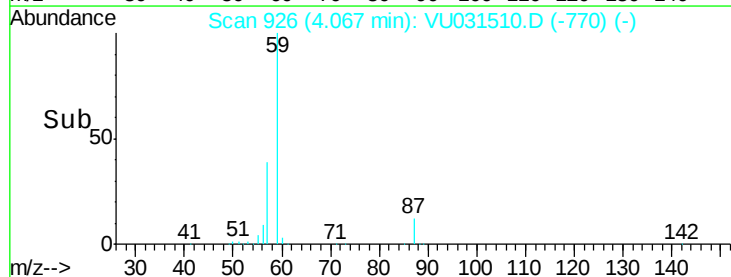
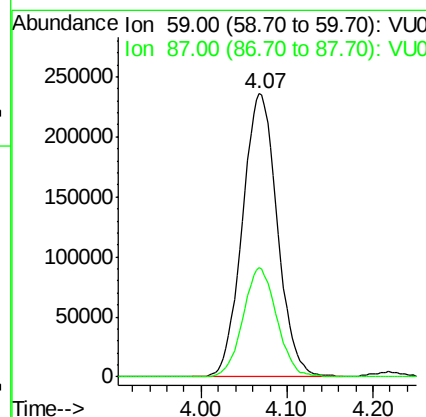
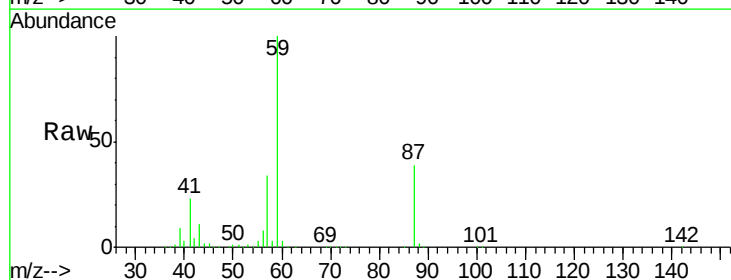
Acq: 25 Apr 2019 20:16

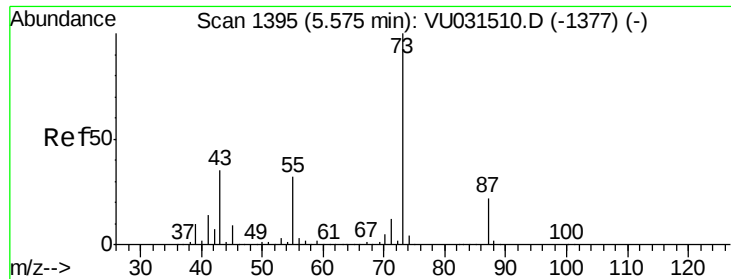
Tgt Ion: 59 Resp: 660072

Ion Ratio Lower Upper

59 100

87 37.4 29.9 44.9





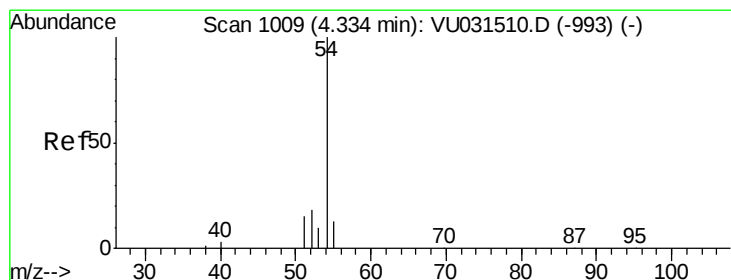
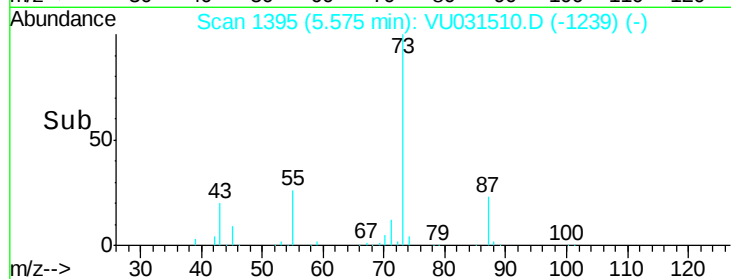
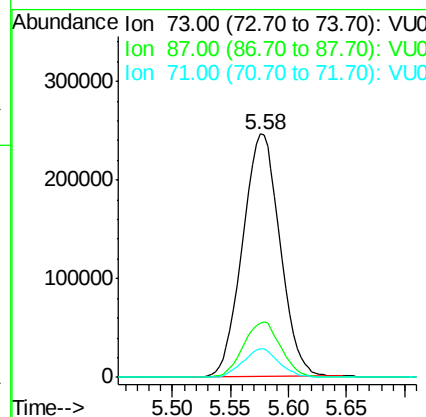
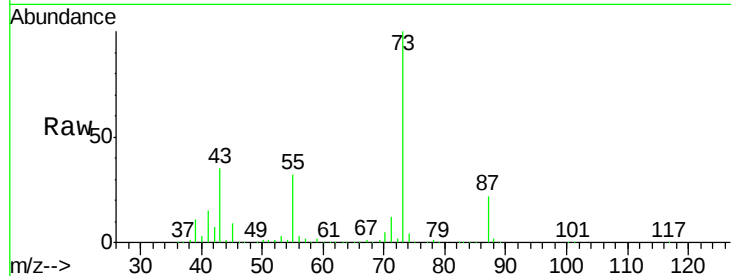
#33
Tert-Amvl methvl ether
Concen: 11.332 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.7	18.2	27.2
71	11.3	9.0	13.6

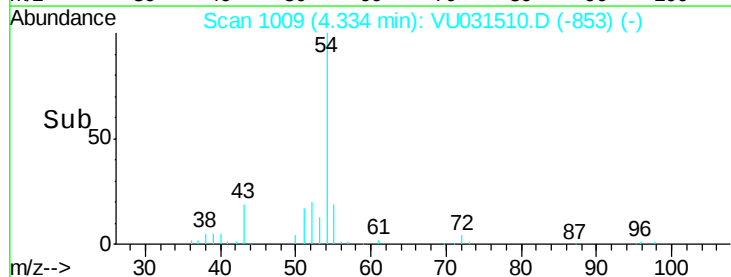
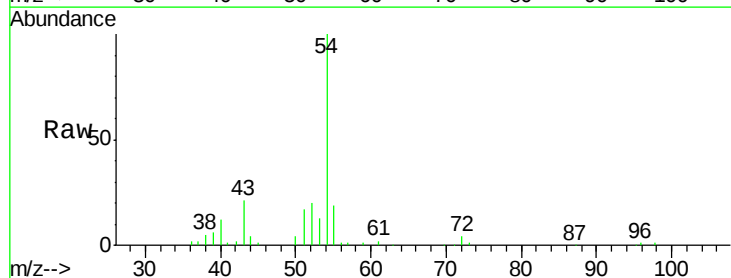
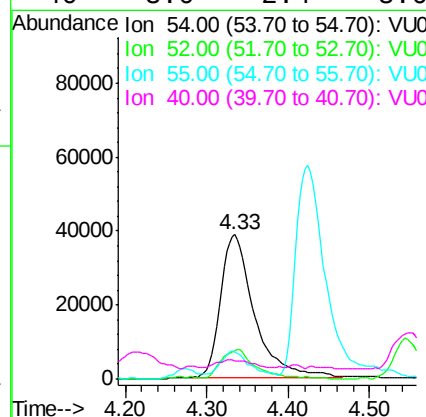
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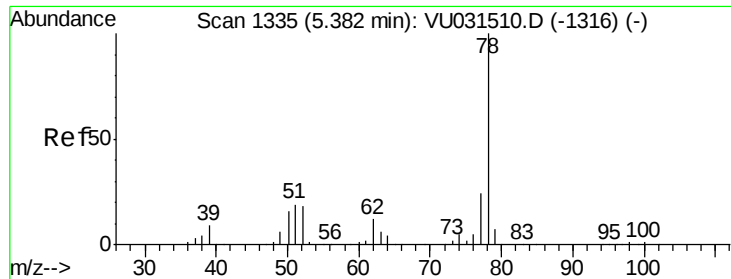
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#34
Propionitrile
Concen: 57.620 ug/l
RT: 4.33 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.7	15.0	22.4
55	16.9	13.5	20.3
40	3.0	2.4	3.6





#35

Benzene

Concen: 10.764 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleID :

VSTDIC010

Tot Ion: 78 Resp: 1018202

Ion Ratio Lower Upper

78 100

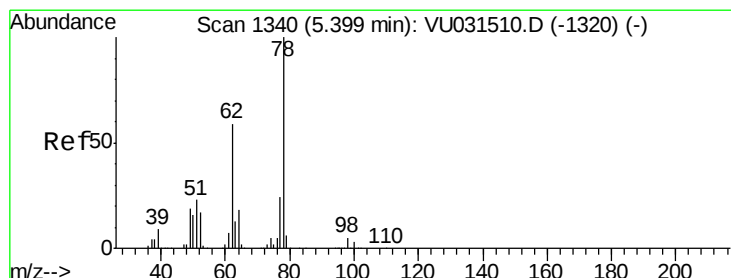
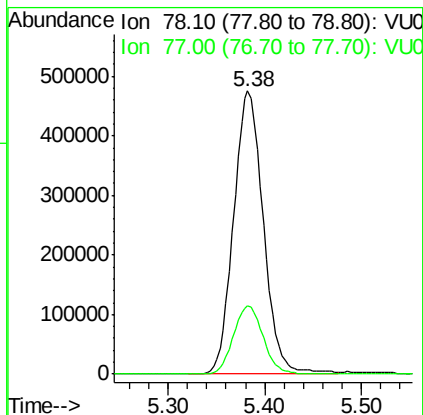
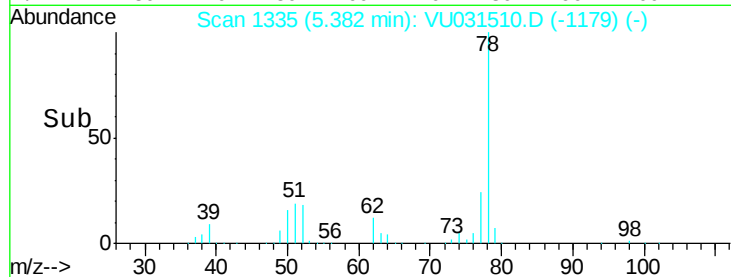
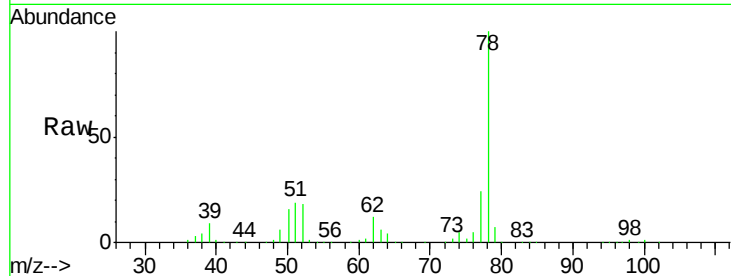
77 24.0 19.2 28.8

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#36

1,2-Dichloroethane

Concen: 10.487 ug/l

RT: 5.40 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VU031510.D

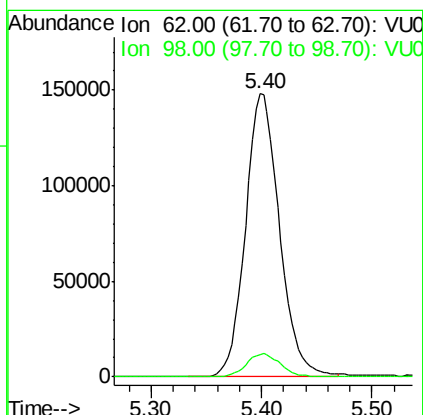
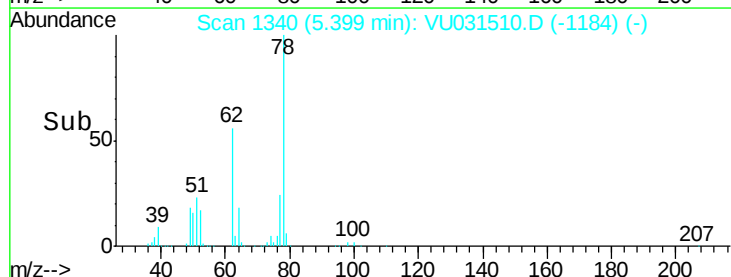
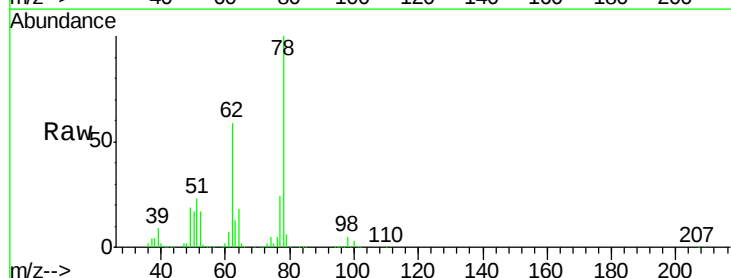
Acq: 25 Apr 2019 20:16

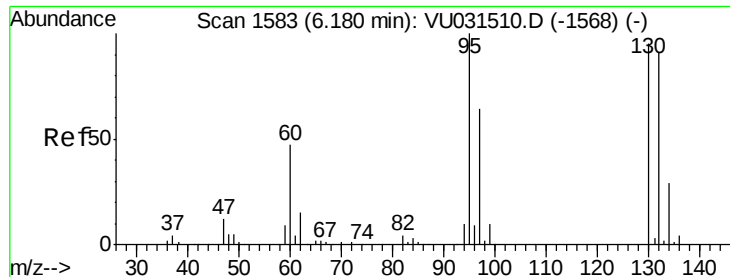
Tgt Ion: 62 Resp: 316142

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1





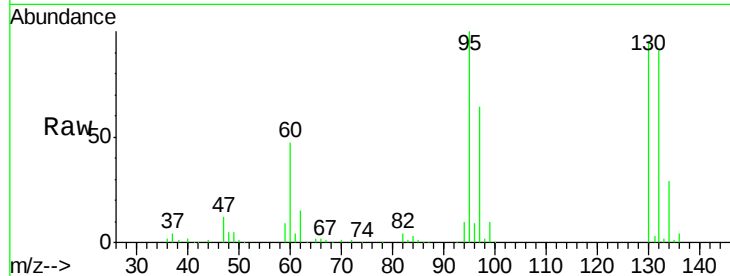
#37
 Trichloroethene
 Concen: 9.216 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

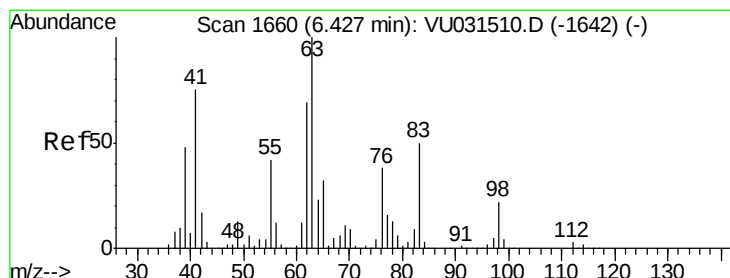
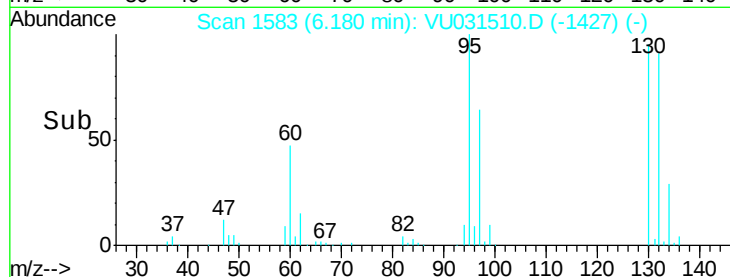
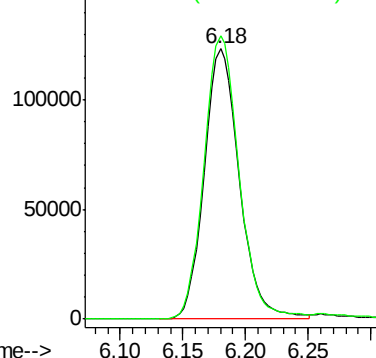
Tot Ion:130 Resp: 240722
 Ion Ratio Lower Upper
 130 100
 95 104.8 83.8 125.8

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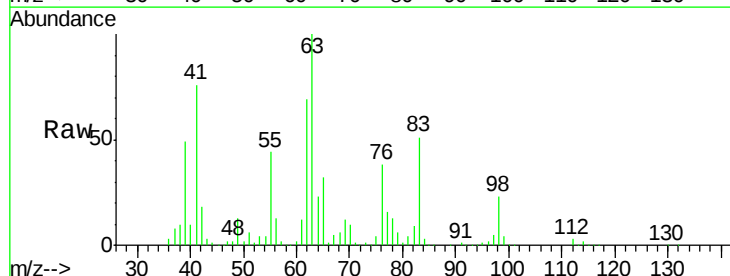


Abundance Ion 129.90 (129.60 to 130.60): VU031510.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU031510.D (-1568) (-)

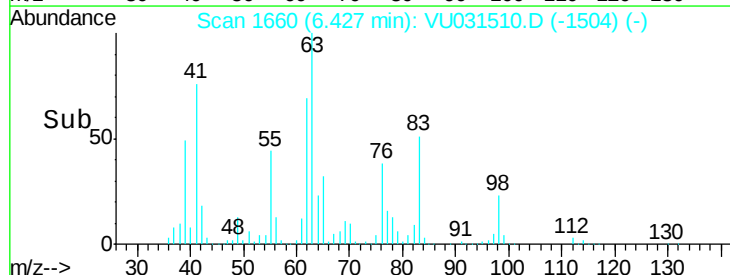
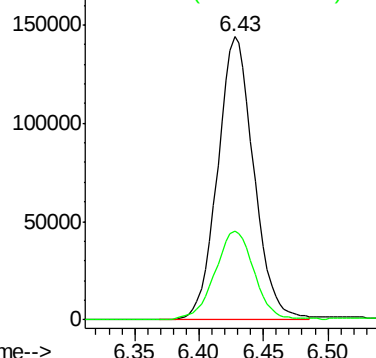


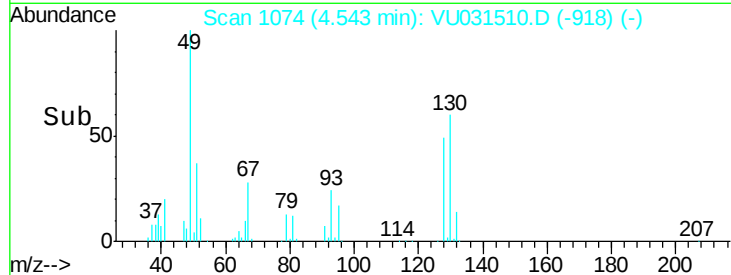
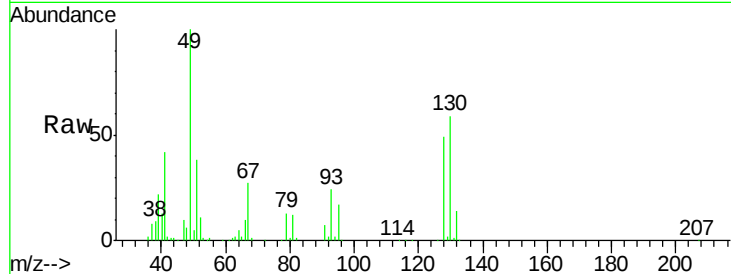
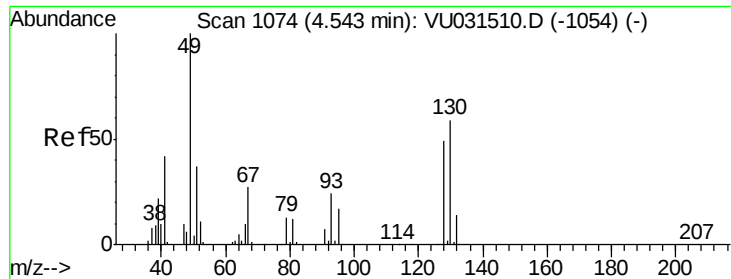
#38
 1,2-Dichloropropane
 Concen: 11.107 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion: 63 Resp: 281582
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU031510.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU031510.D (-1642) (-)





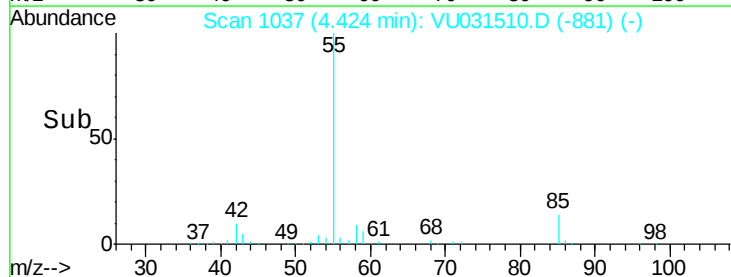
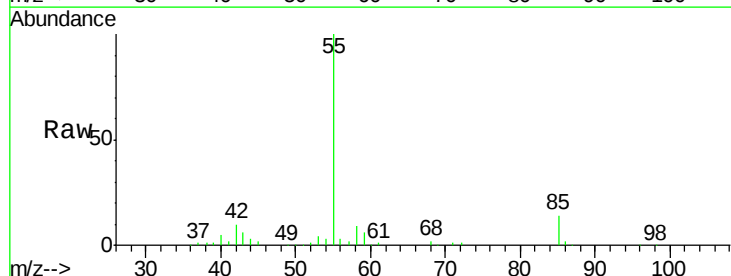
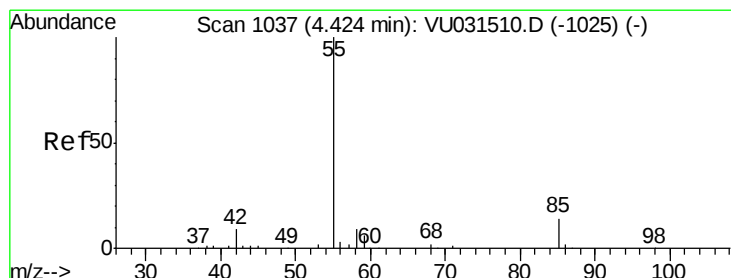
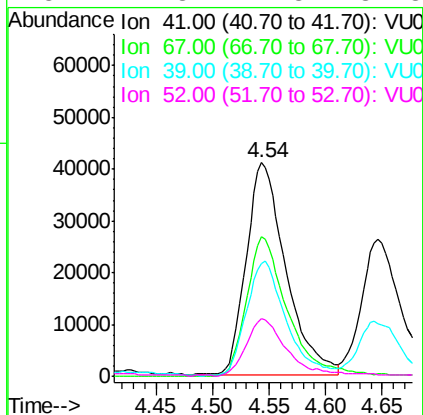
#39
Methacrylonitrile
Concen: 11.268 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tot Ion	41	Resp	99640
Ion	Ratio	Lower	Upper
41	100		
67	67.8	54.2	81.4
39	54.8	43.8	65.8
52	27.3	21.8	32.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

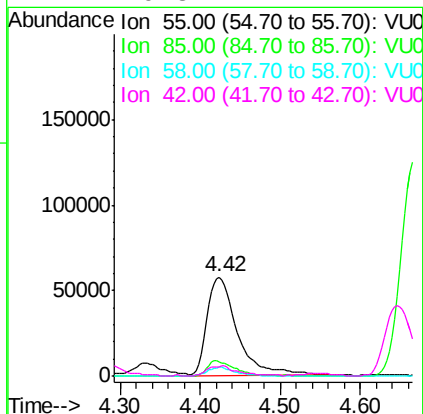
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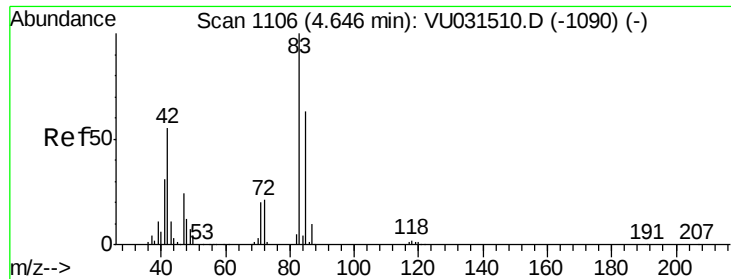
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#40
Methyl acrylate
Concen: 13.152 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	55	Resp	150069
Ion	Ratio	Lower	Upper
55	100		
85	14.4	11.5	17.3
58	8.1	6.5	9.7
42	9.3	7.4	11.2





#41

Tetrahydrofuran

Concen: 22.558 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

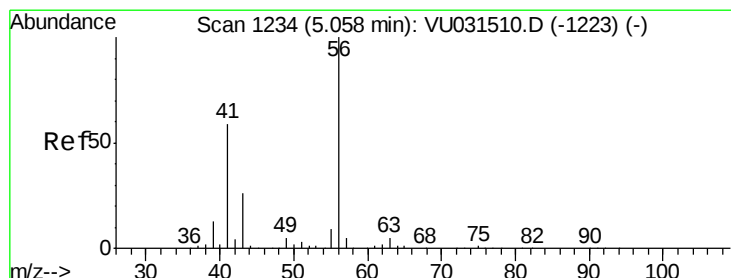
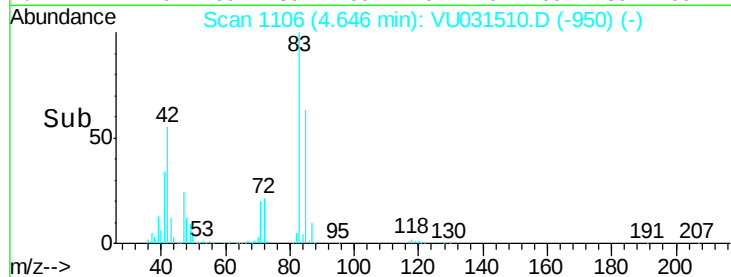
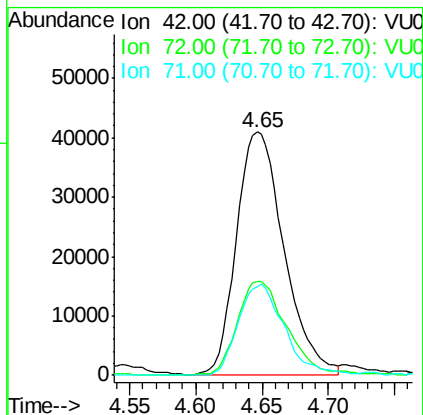
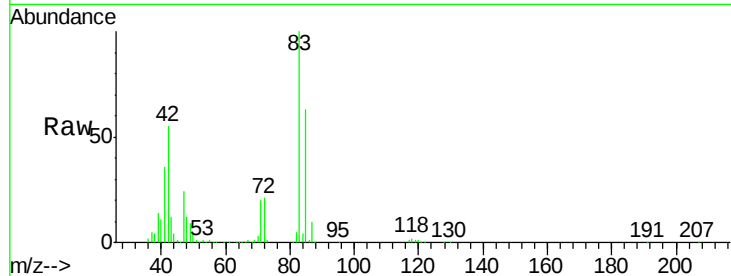
ClientSampleId :

VSTDIC010

Tot Ion:	42	Resp:	101707
Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.1	48.1
71	36.5	29.2	43.8

Manual Integrations
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#42

1-Chlorobutane

Concen: 11.447 ug/l

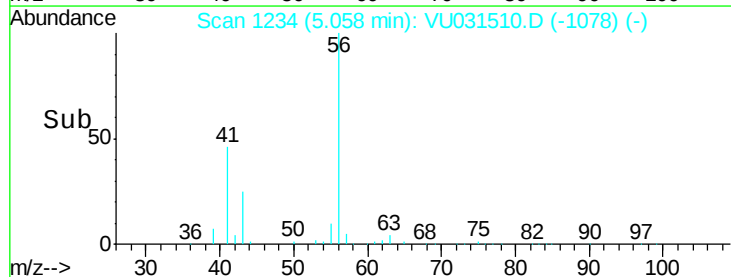
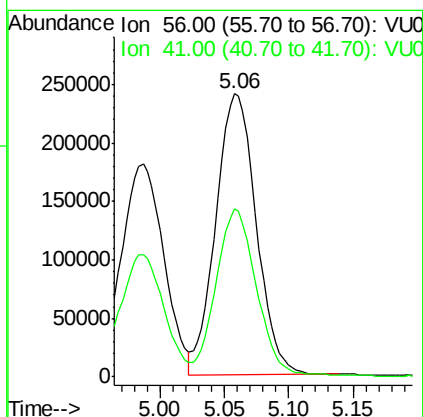
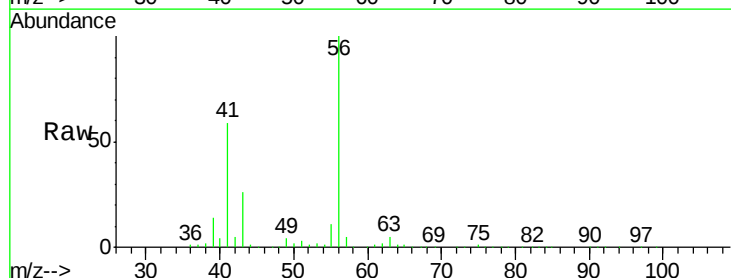
RT: 5.06 min Scan# 1234

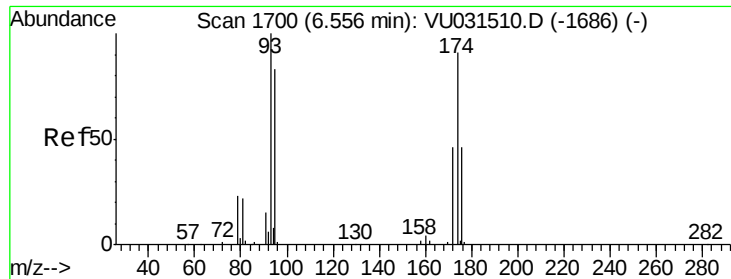
Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Tgt Ion:	56	Resp:	525536
Ion	Ratio	Lower	Upper
56	100		
41	58.7	29.3	88.0





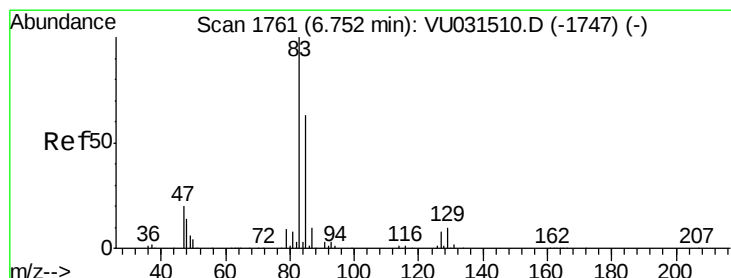
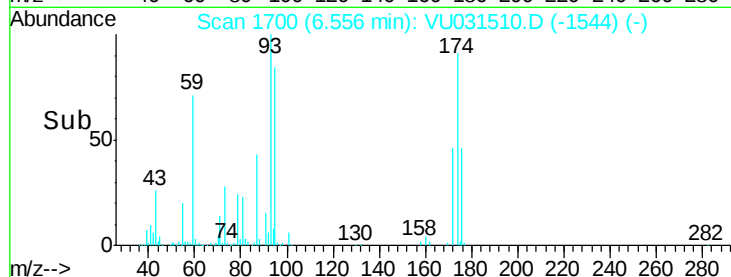
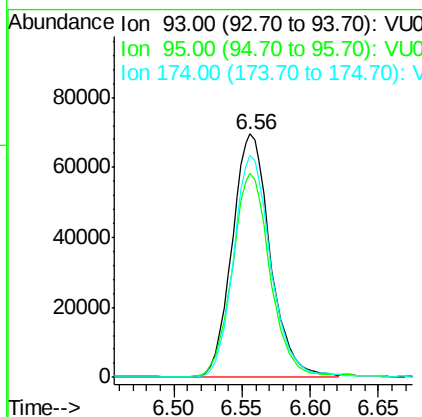
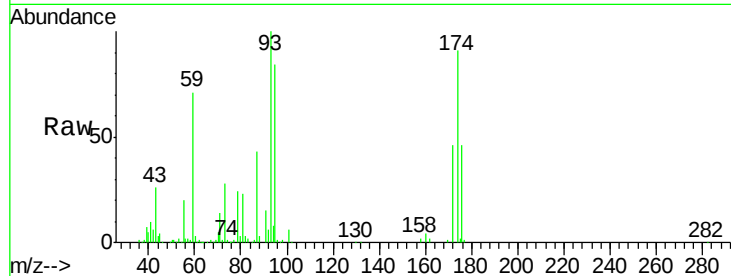
#43
Dibromomethane
Concen: 10.052 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.7	98.5
174	89.8	71.8	107.8

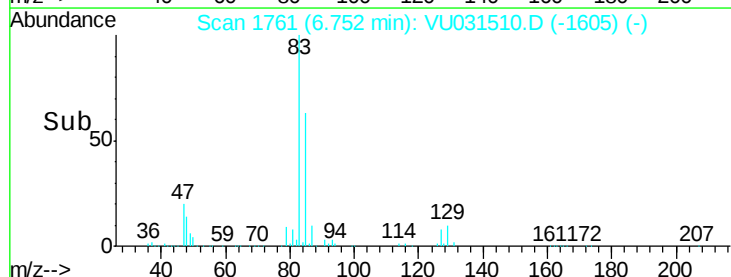
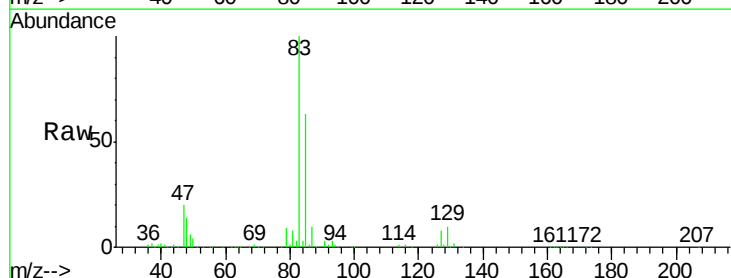
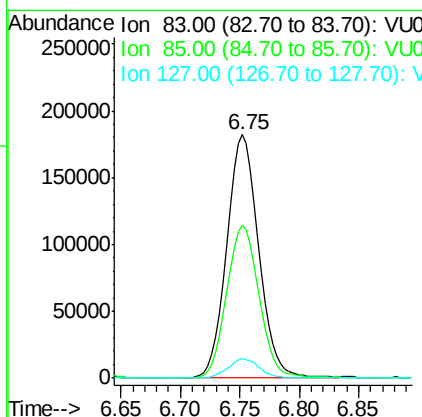
Manual Integrations
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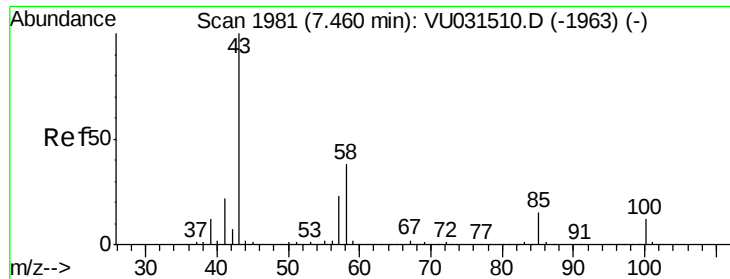
MMdadoda
4/26/2019 12:22:41 PM



#44
Bromodichloromethane
Concen: 10.372 ug/l
RT: 6.75 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5
127	8.2	6.6	9.8





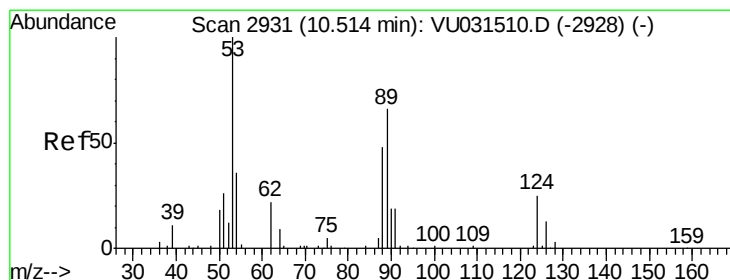
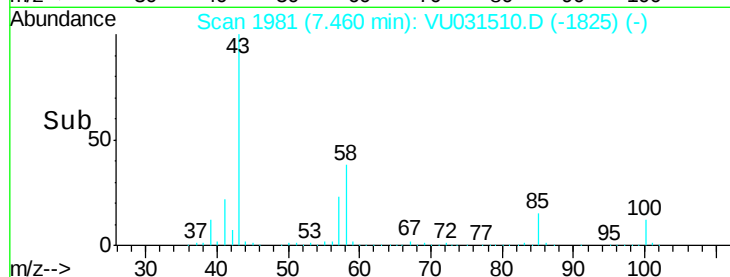
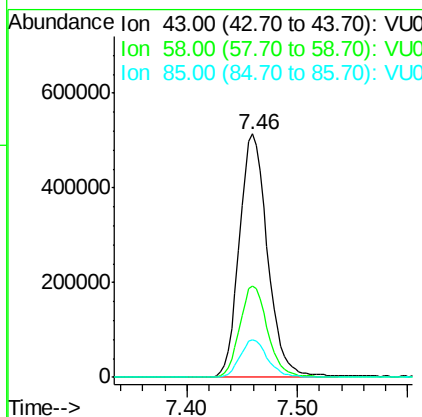
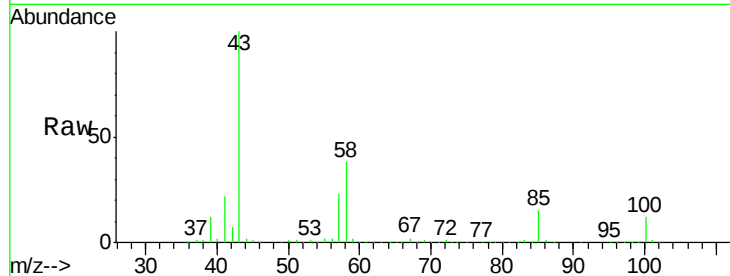
#45
4-Methyl-2-Pentanone
Concen: 57.455 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.4	18.7	56.1
85	15.1	12.1	18.1

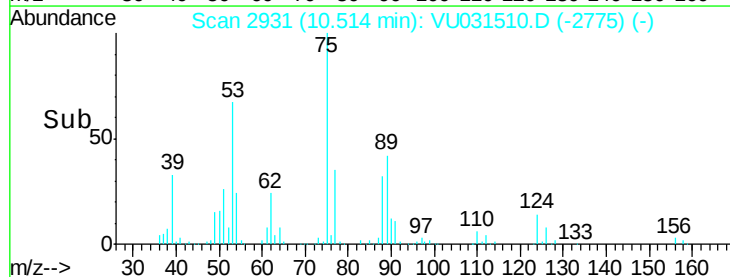
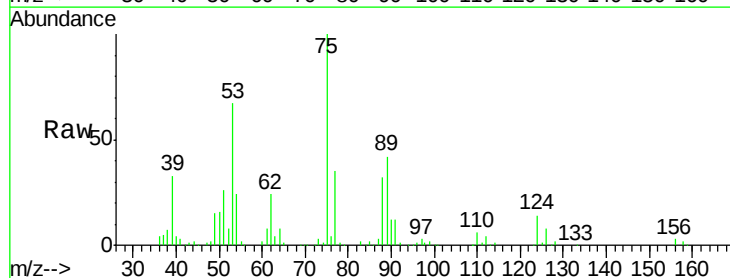
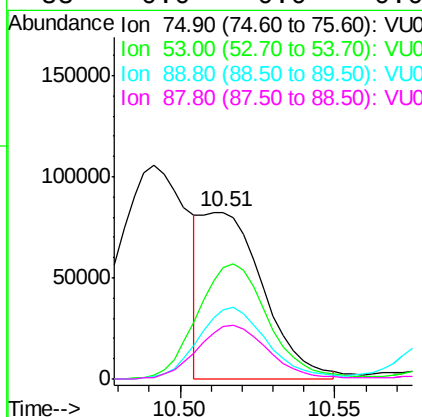
Manual Integrations
APPROVED

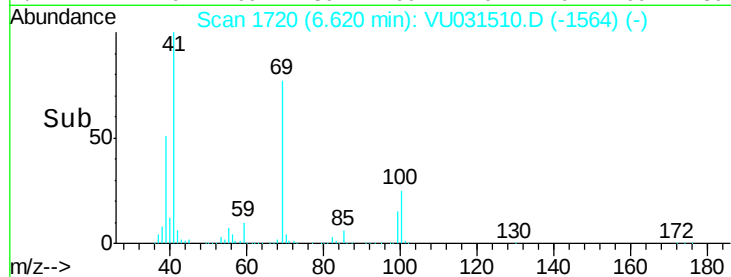
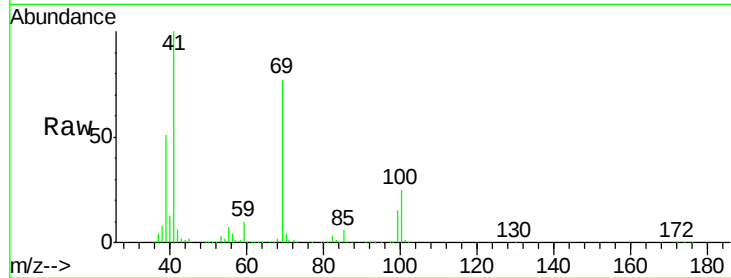
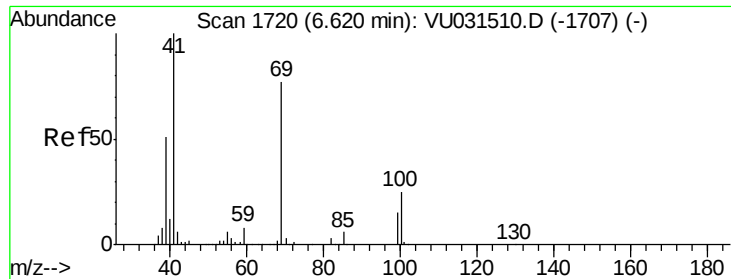
MMDadoda
4/26/2019 12:22:41 PM



#46
t-1,4-Dichloro-2-butene
Concen: 19.298 ug/l m
RT: 10.51 min Scan# 2931
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
53	79.8	63.8	95.8
89	48.2	38.6	57.8
88	0.0	0.0	0.0





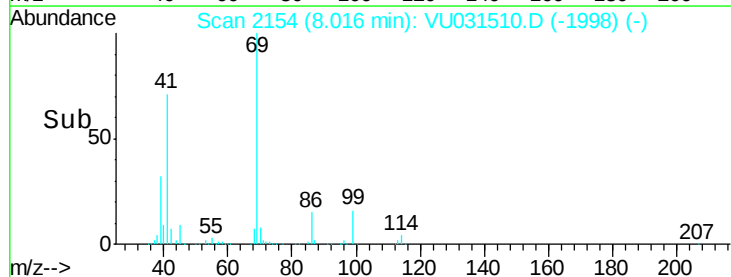
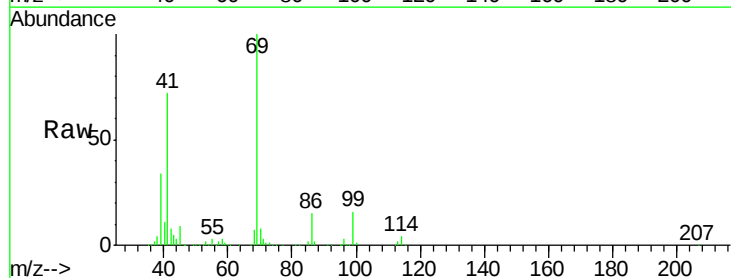
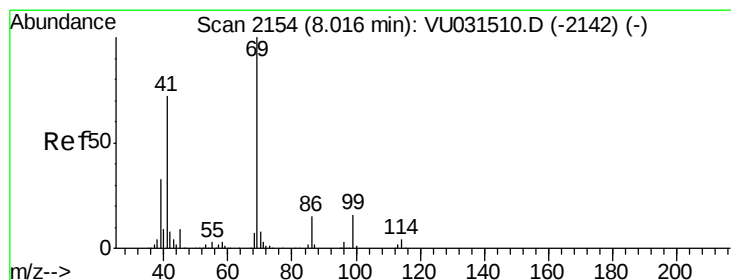
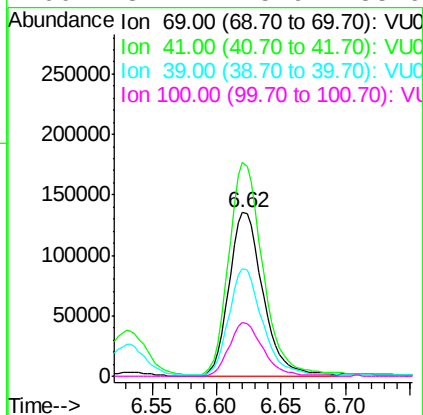
#47
Methyl methacrylate
Concen: 22.201 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		248907		
41	128.2	0.0	256.4		
39	65.3	52.2	78.4		
100	32.4	25.9	38.9		

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

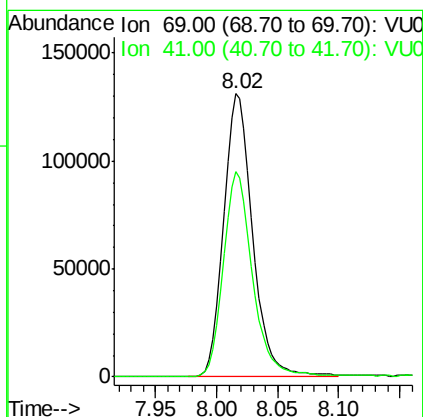
Manual Integrations
APPROVED

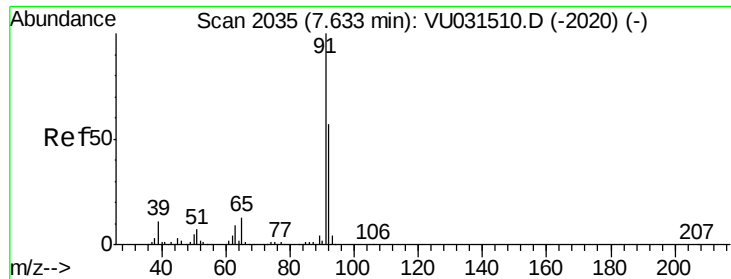
MMDadoda
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#48
Ethyl methacrylate
Concen: 11.133 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		219950		
41	71.0	35.5	106.5		





#49

Toluene

Concen: 11.189 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion: 92 Resp: 576941

Ion Ratio Lower Upper

92 100

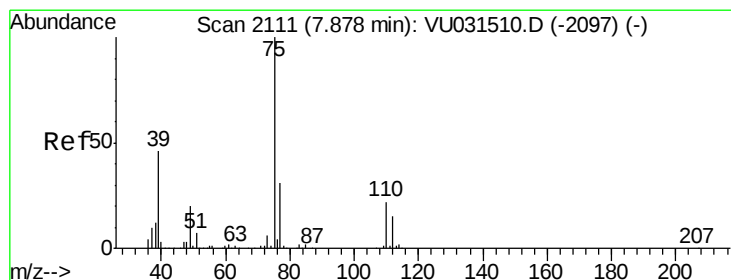
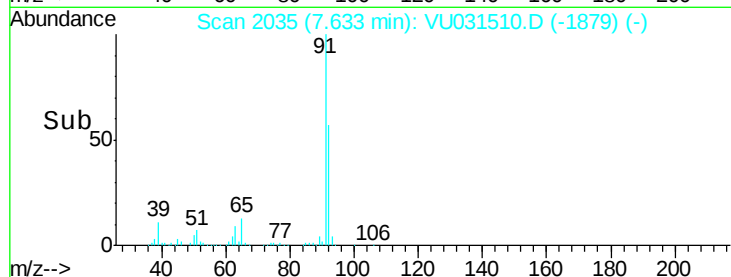
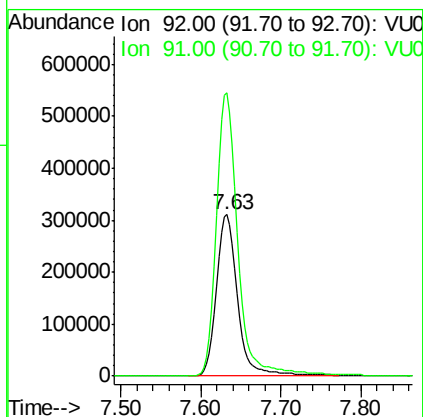
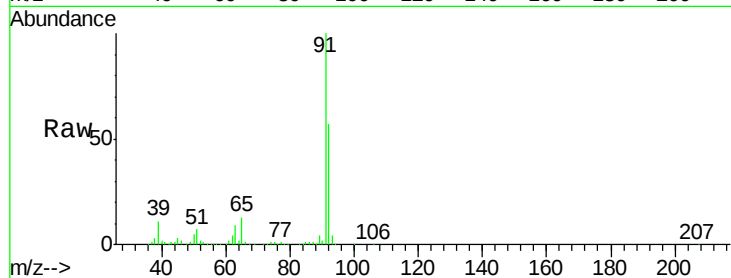
91 177.5 142.0 213.0

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 10.738 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU031510.D

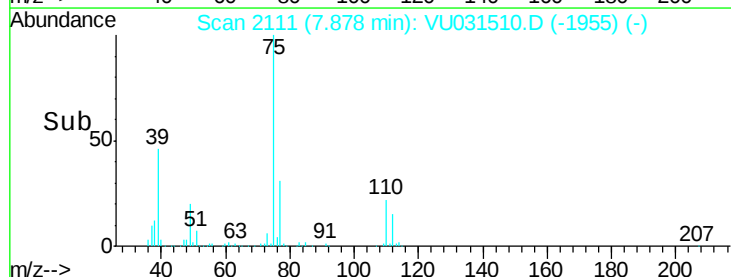
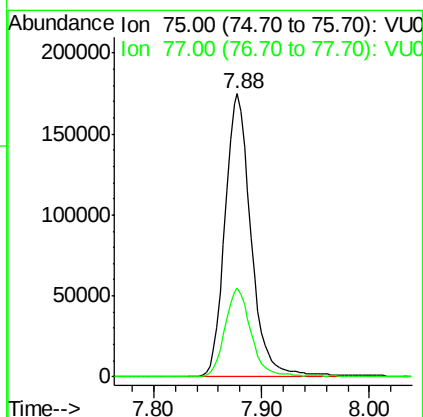
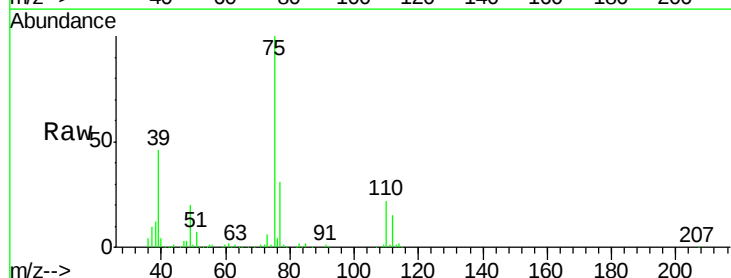
Acq: 25 Apr 2019 20:16

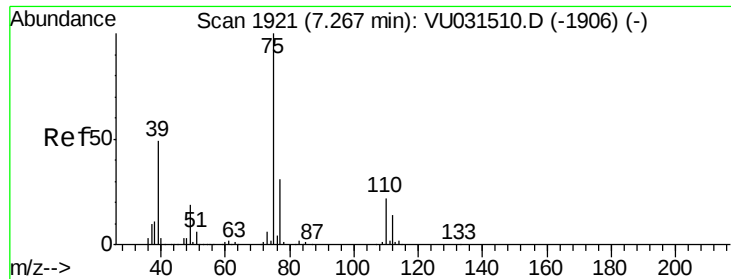
Tgt Ion: 75 Resp: 294746

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4





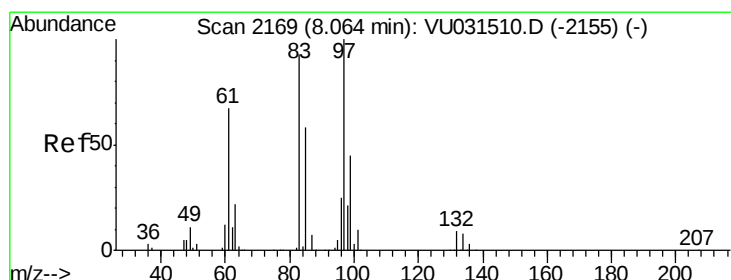
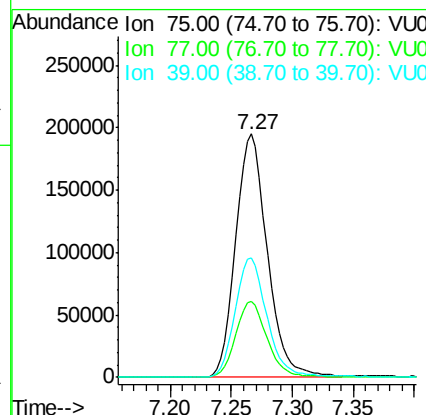
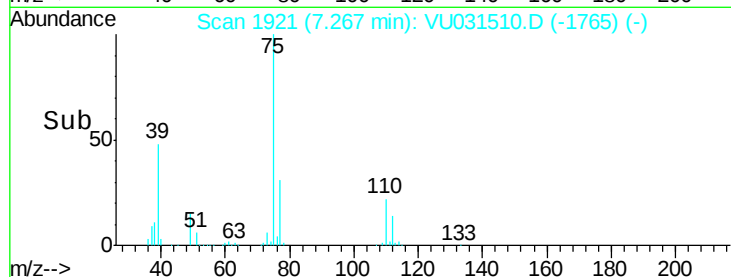
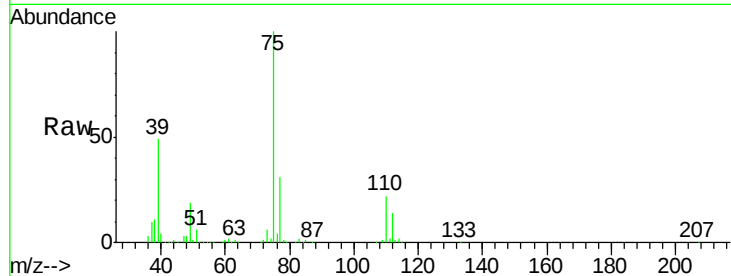
#51
 cis-1,3-Dichloropropene
 Concen: 10.803 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	48.8	39.0	58.6

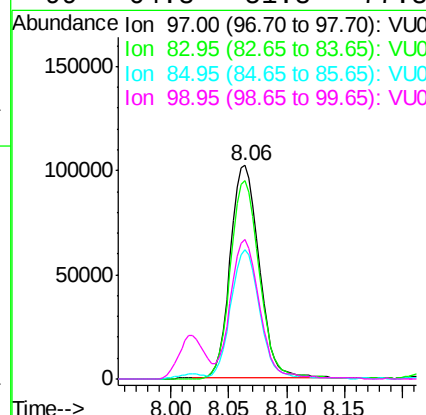
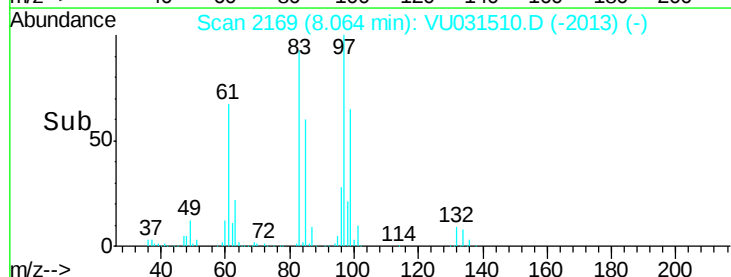
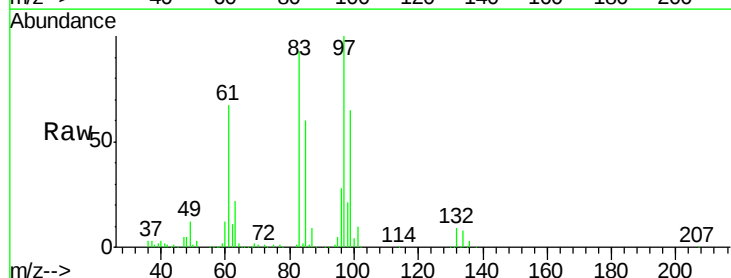
Manual Integrations
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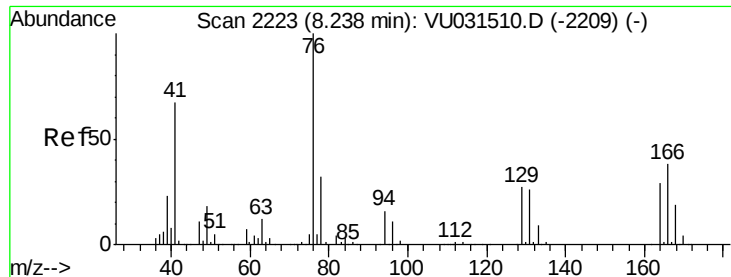
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#52
 1,1,2-Trichloroethane
 Concen: 9.773 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.5	74.8	112.2
85	60.4	48.3	72.5
99	64.8	51.8	77.8





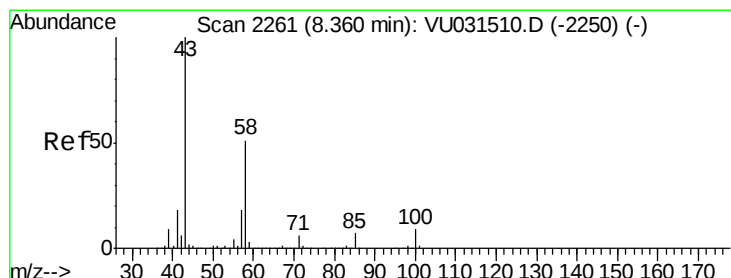
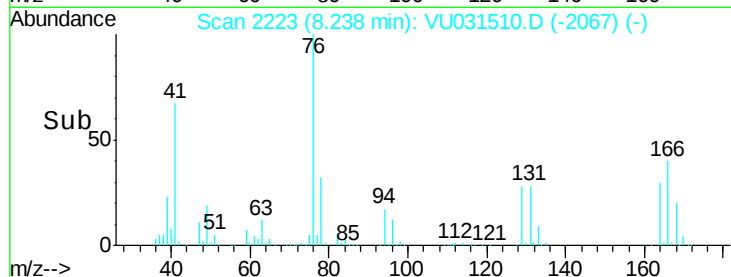
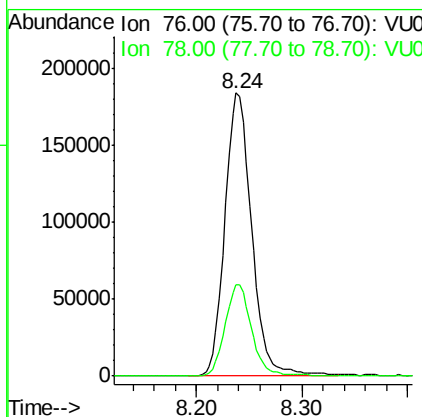
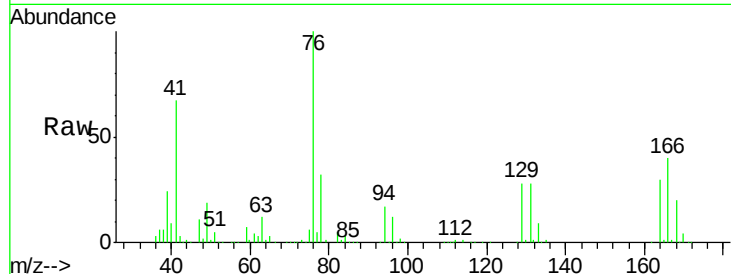
#53
 1,3-Dichloropropane
 Concen: 10.529 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

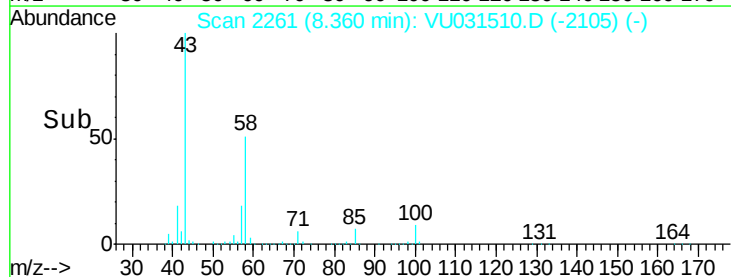
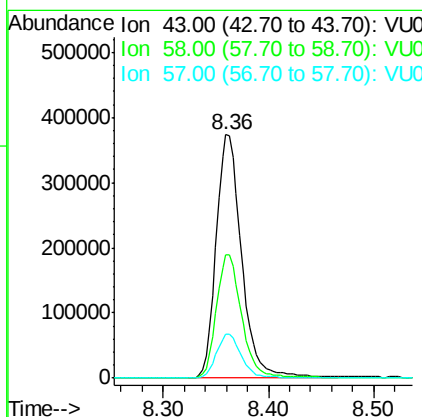
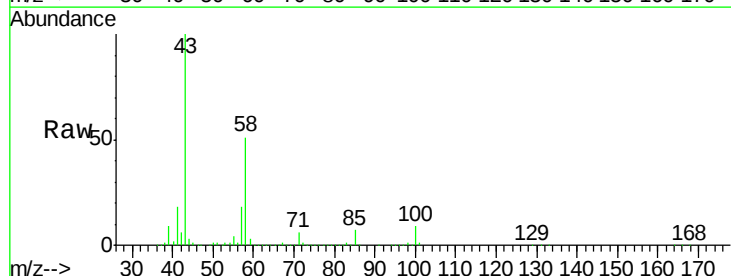
Manual Integrations
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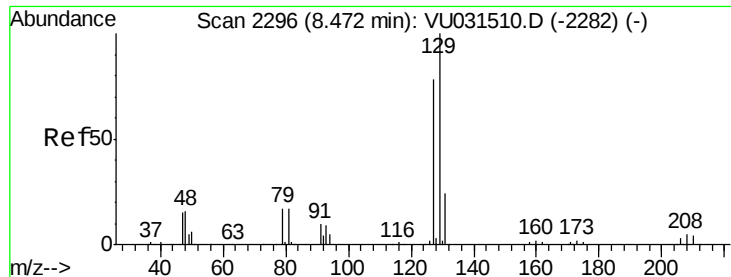
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#54
 2-Hexanone
 Concen: 58.487 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.3	30.3	70.3
57	17.8	0.0	37.8





#55

Dibromochloromethane

Concen: 9.746 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampled :

VSTDIC010

Tot Ion:129 Resp: 207216

Ion Ratio Lower Upper

129 100

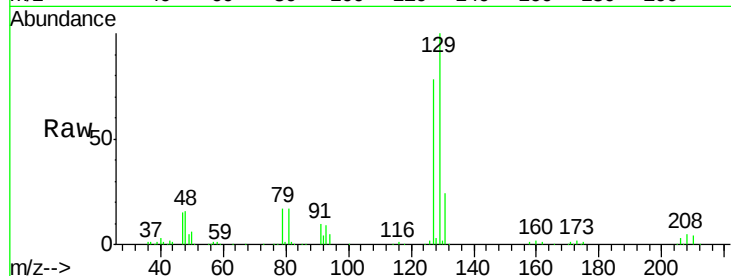
127 78.3 62.6 94.0

Manual Integrations

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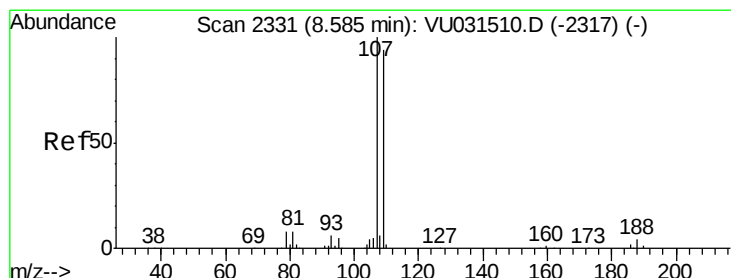
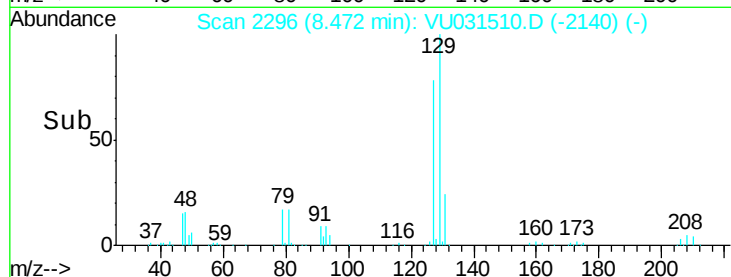
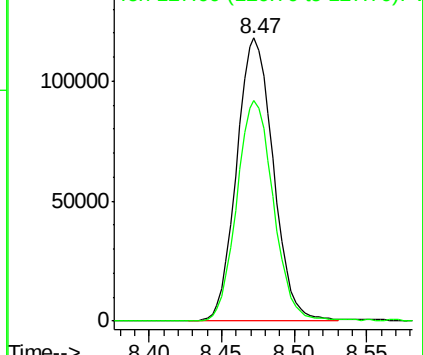
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 9.870 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU031510.D

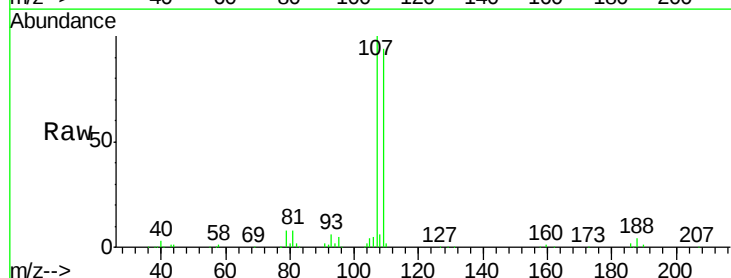
Acq: 25 Apr 2019 20:16

Tgt Ion:107 Resp: 164876

Ion Ratio Lower Upper

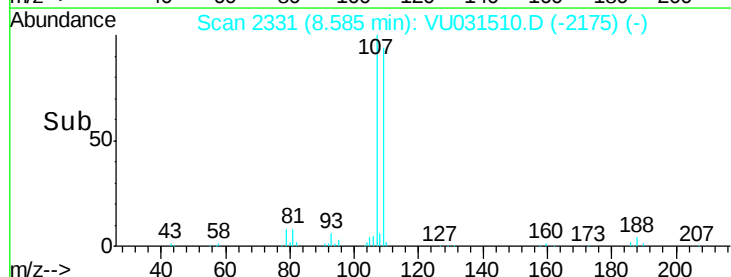
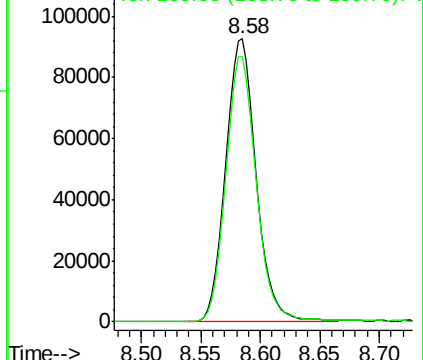
107 100

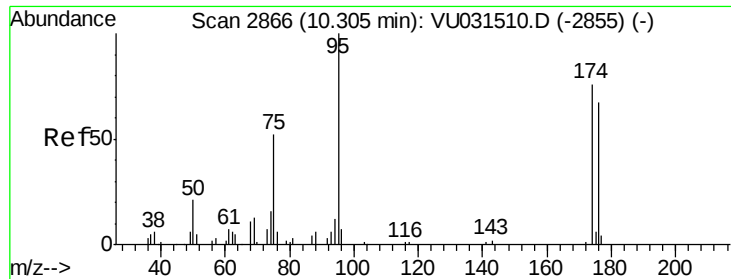
109 93.0 0.0 186.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





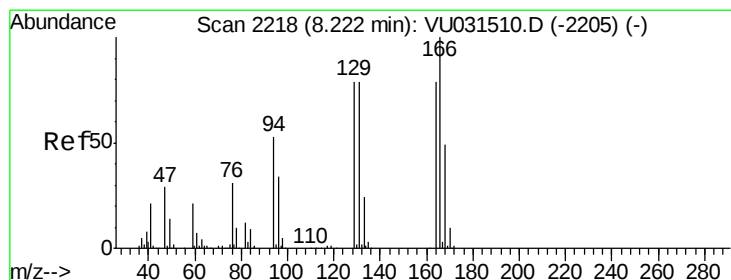
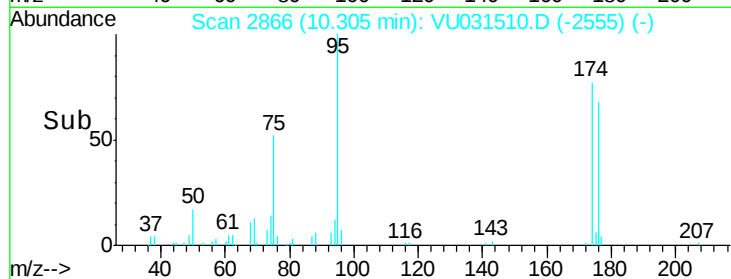
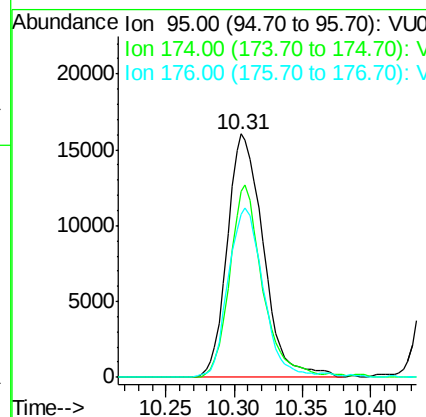
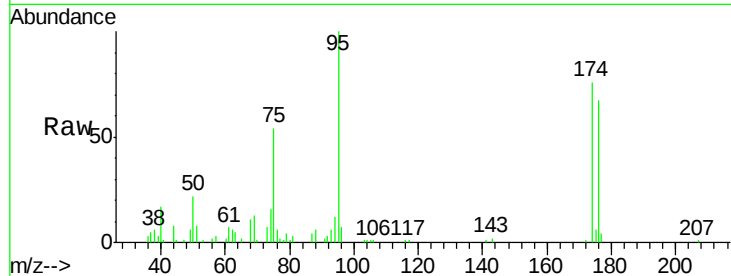
#57
4-Bromofluorobenzene
Concen: 1.033 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
95	100		
174	72.4	57.9	86.9
176	67.5	54.0	81.0

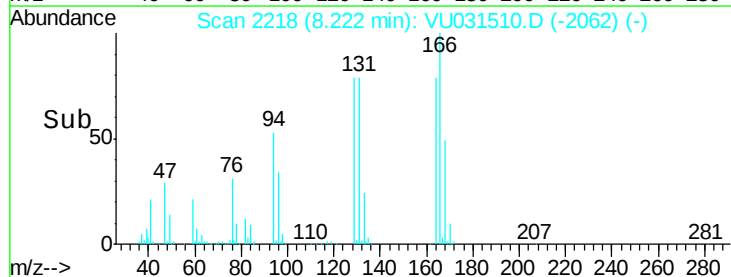
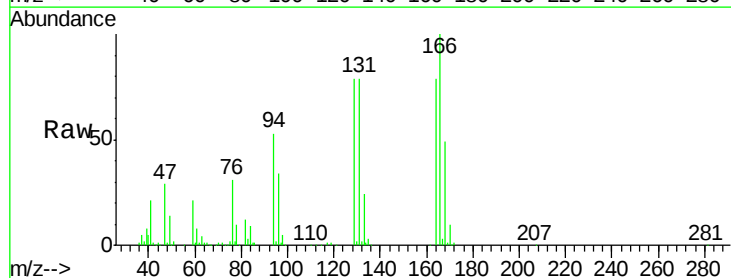
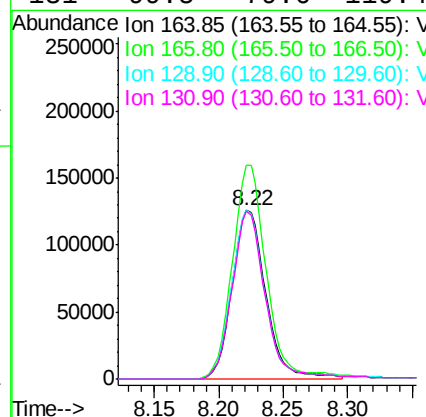
Manual Integrations
APPROVED

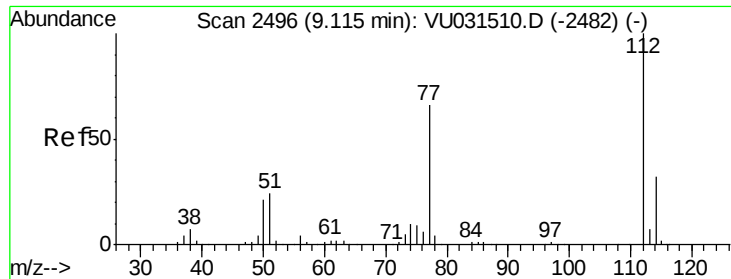
MMdadoda
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#58
Tetrachloroethene
Concen: 10.279 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.2	151.8
129	100.3	80.2	120.4
131	99.5	79.6	119.4





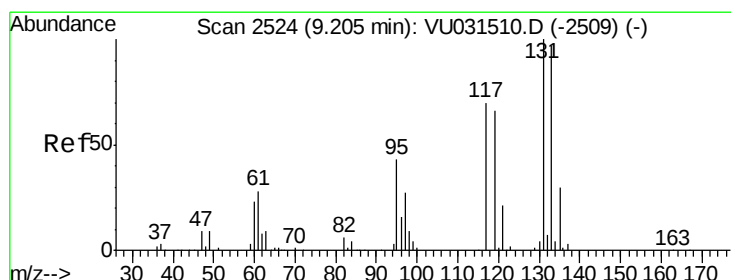
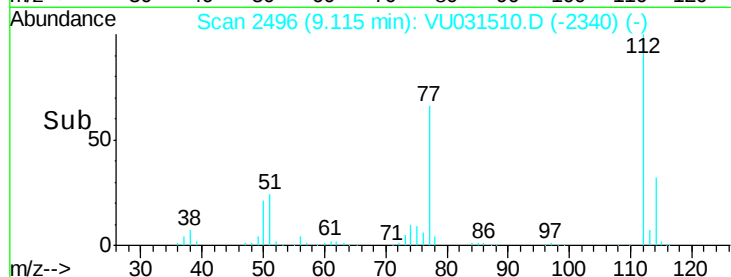
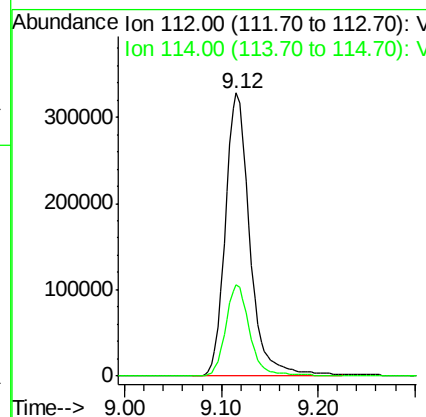
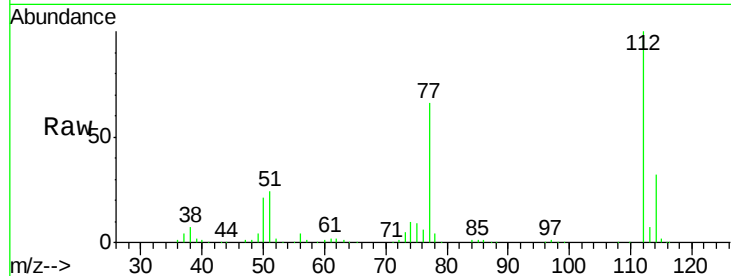
#59
Chlorobenzene
Concen: 10.211 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 579078
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

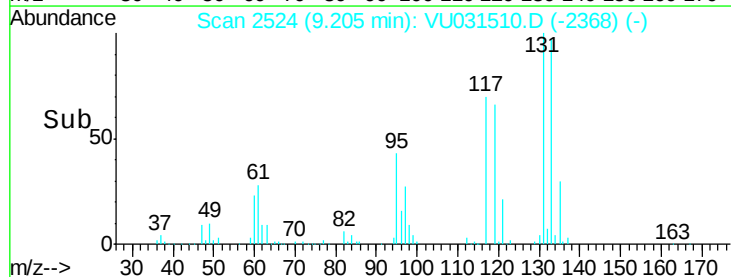
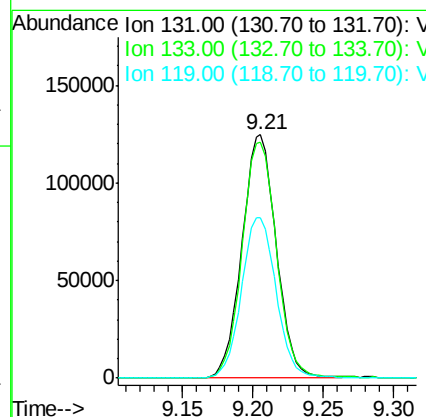
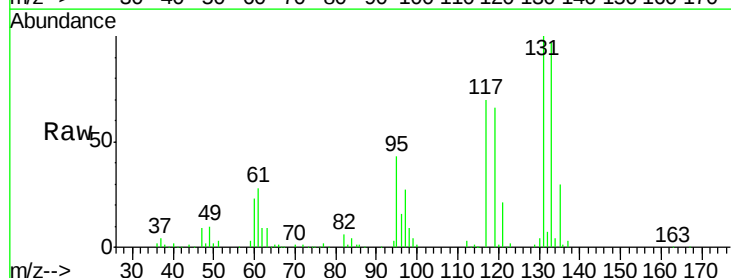
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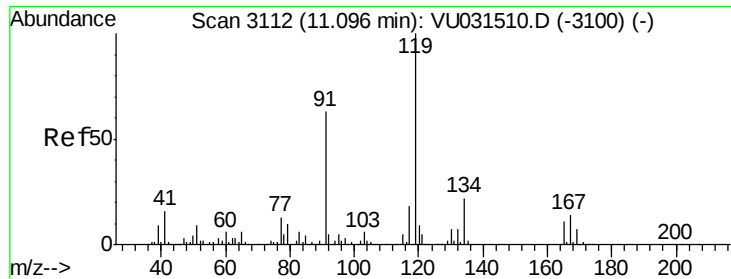
MMdadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.998 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion:131 Resp: 213245
Ion Ratio Lower Upper
131 100
133 97.1 77.7 116.5
119 66.7 53.4 80.0





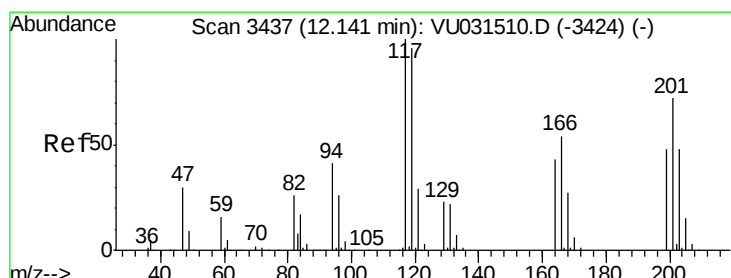
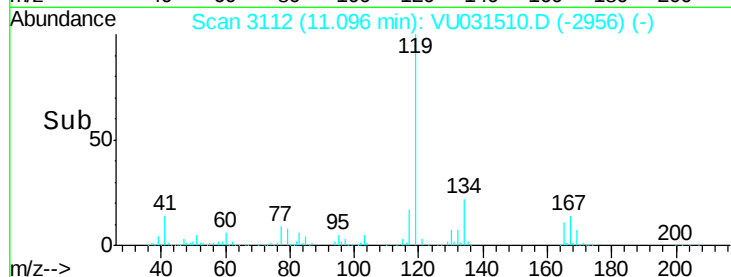
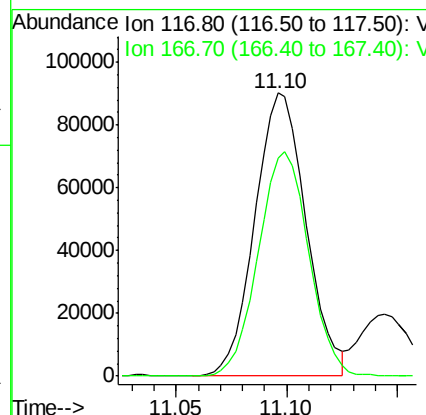
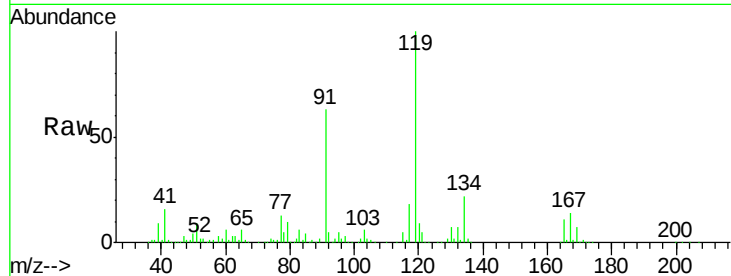
#61
 Pentachloroethane
 Concen: 8.878 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
167	78.1	62.5	93.7

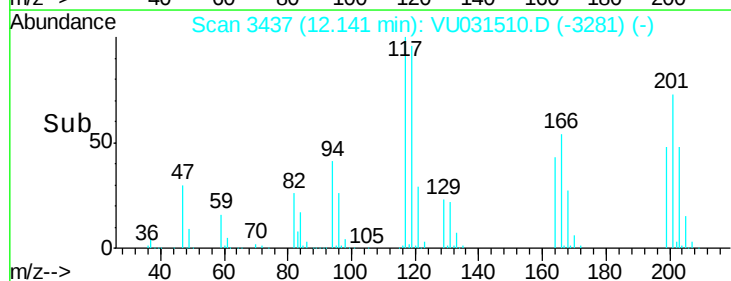
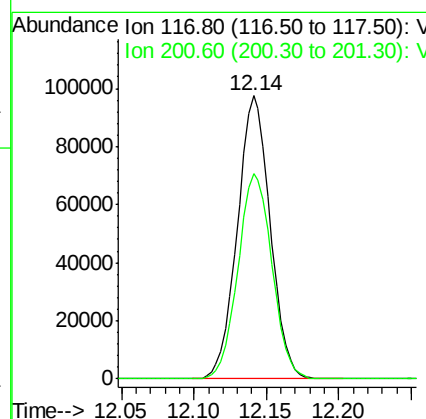
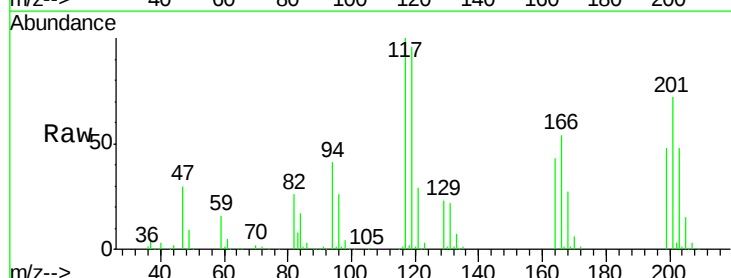
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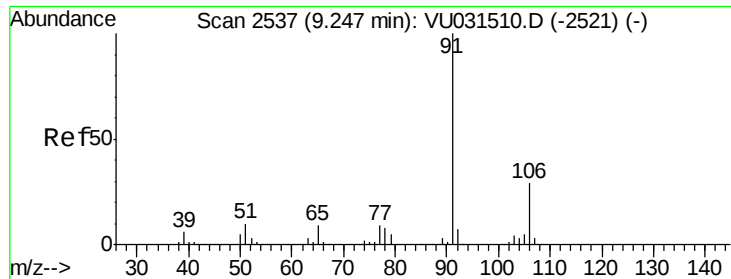
MMdadoda
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#62
 Hexachloroethane
 Concen: 9.600 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.0	60.0	90.0





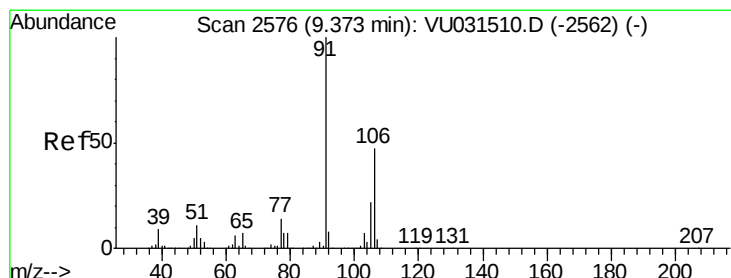
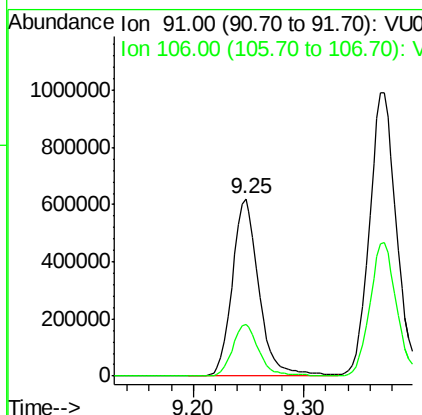
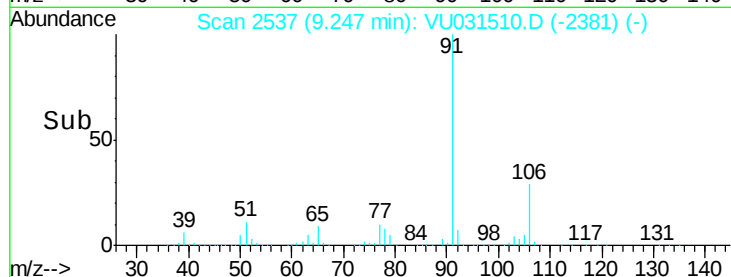
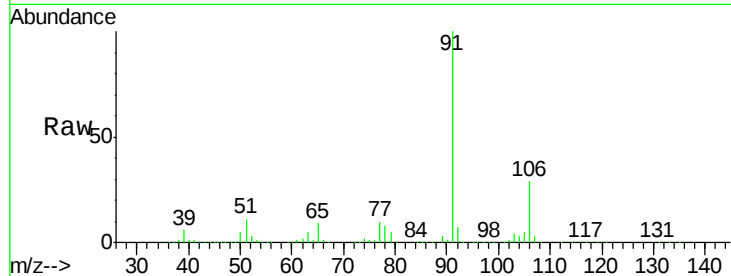
#63
Ethyl Benzene
Concen: 11.441 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 1042426
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

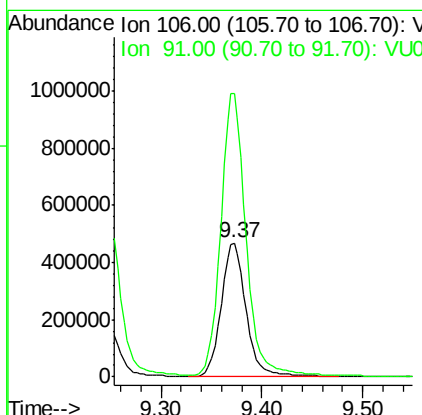
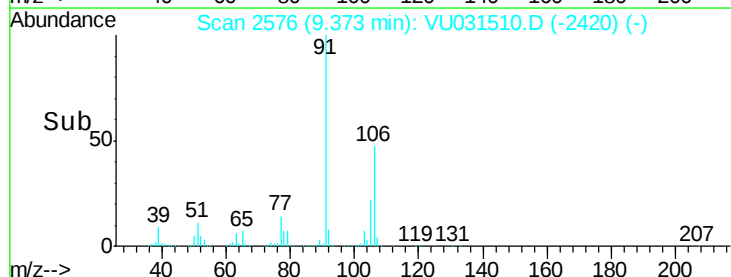
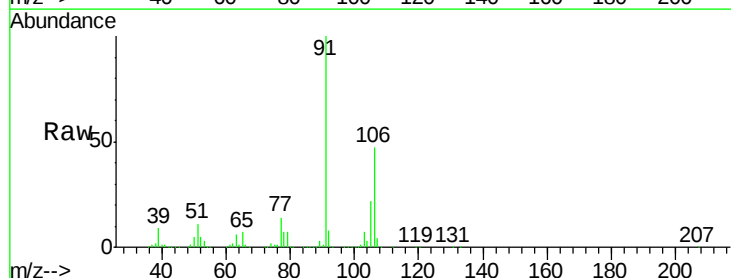
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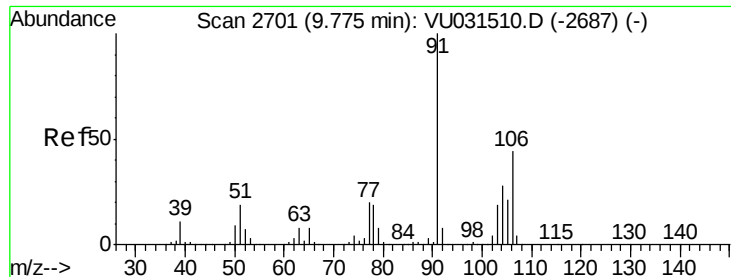
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#64
m/p-Xylenes
Concen: 23.165 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion: 106 Resp: 800245
Ion Ratio Lower Upper
106 100
91 213.7 171.0 256.4





#65

o-Xylene

Concen: 11.257 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion:106 Resp: 373217

Ion Ratio Lower Upper

106 100

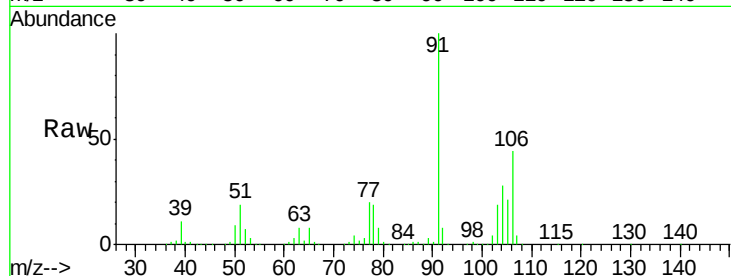
91 227.6 113.8 341.4

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

600000

500000

400000

300000

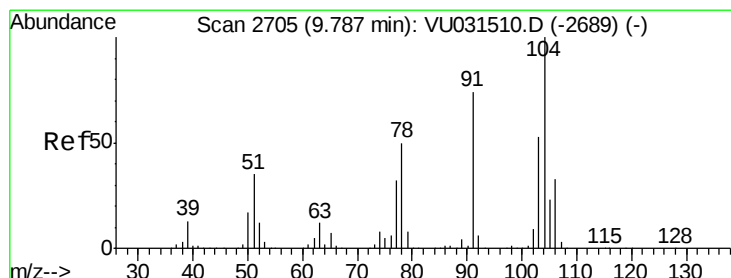
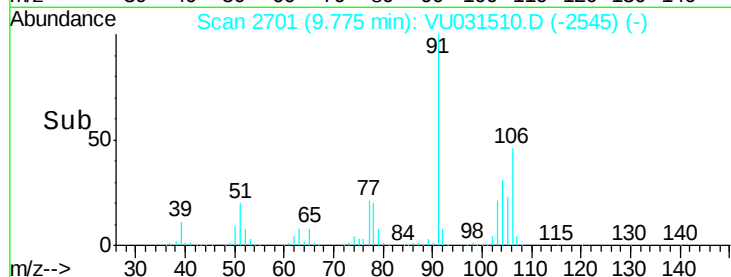
200000

100000

0

9.77

Time-->



#66

Styrene

Concen: 11.889 ug/l

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

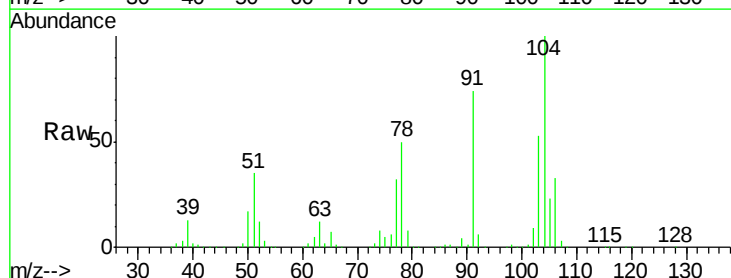
Tgt Ion:104 Resp: 668319

Ion Ratio Lower Upper

104 100

78 53.1 42.5 63.7

103 55.6 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

500000

400000

300000

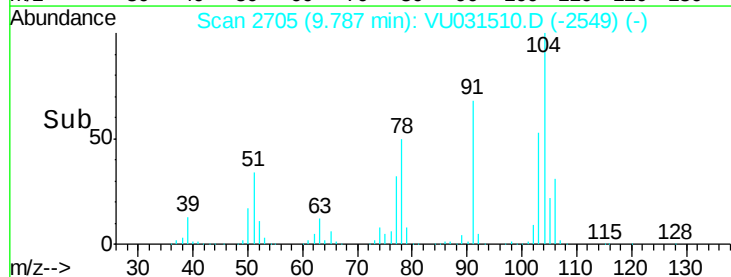
200000

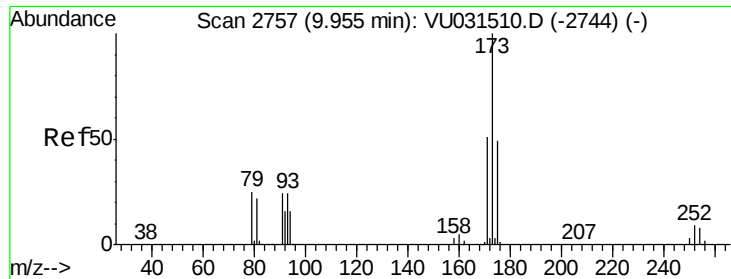
100000

0

9.79

Time-->





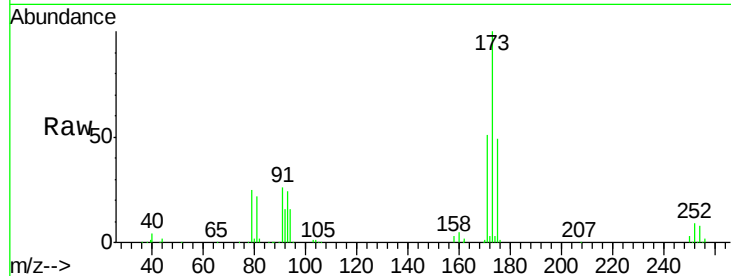
#67
Bromoform
Concen: 9.542 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

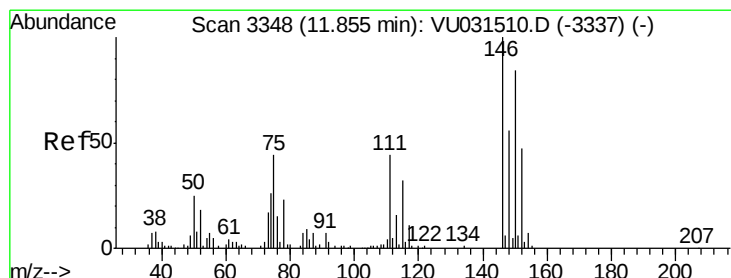
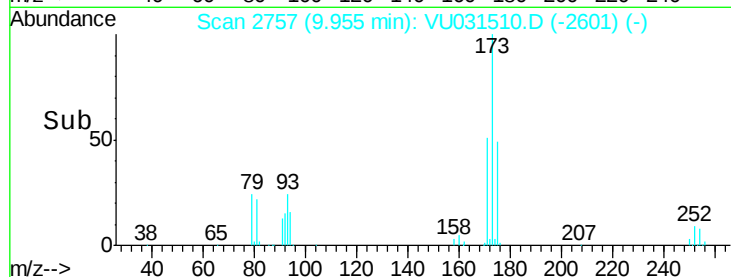
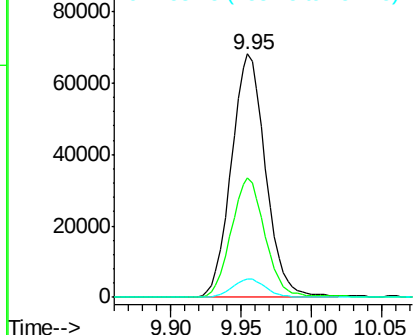
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	48.4	38.7	58.1		
254	7.5	6.0	9.0		

Manual Integrations
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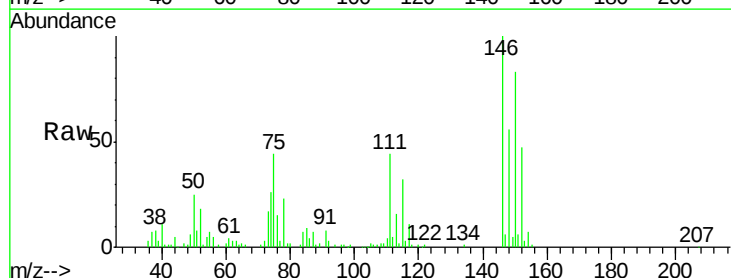


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

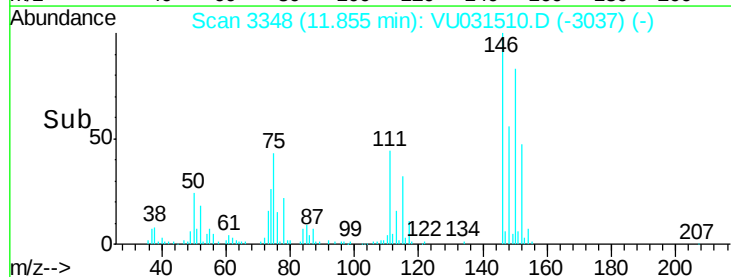
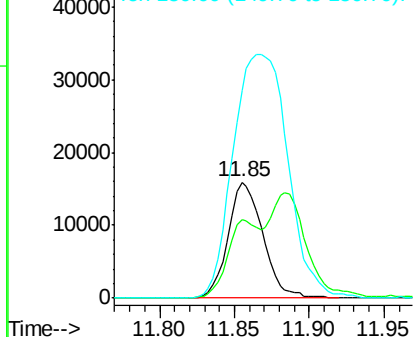


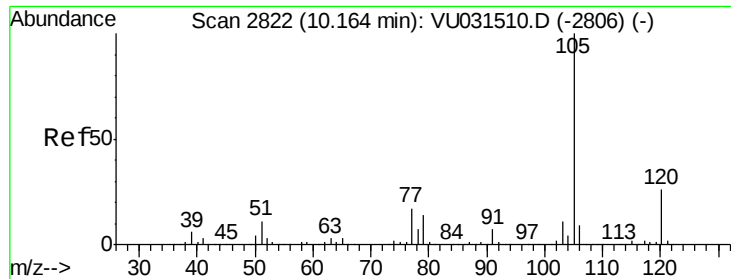
#68
1,2-Dichlorobenzene-d4
Concen: 0.914 ug/l
RT: 11.85 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	61.6	0.0	123.2		
150	329.1	0.0	658.2		



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: 11.156 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 988718

Ion Ratio Lower Upper

105 100

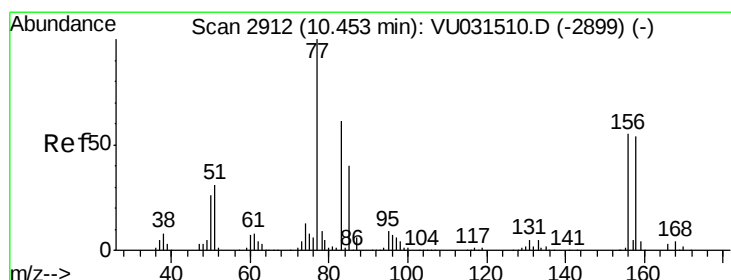
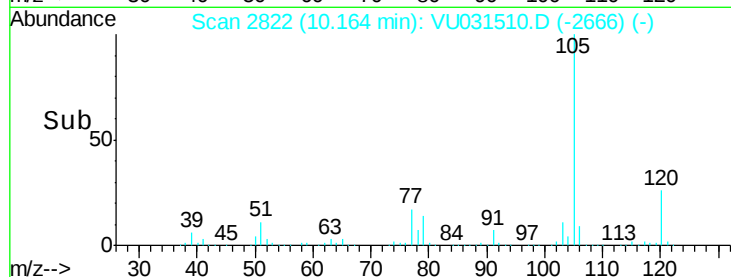
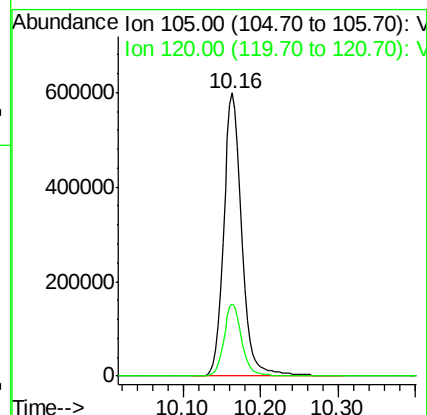
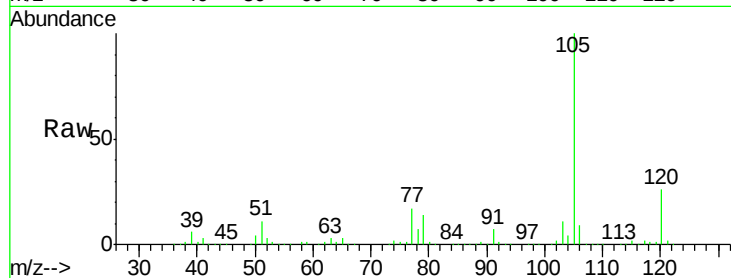
120 24.9 12.4 37.4

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.729 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

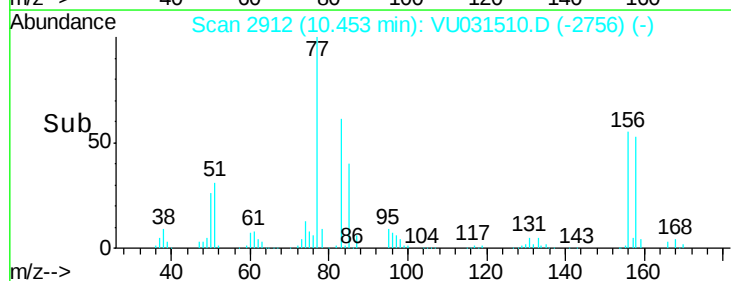
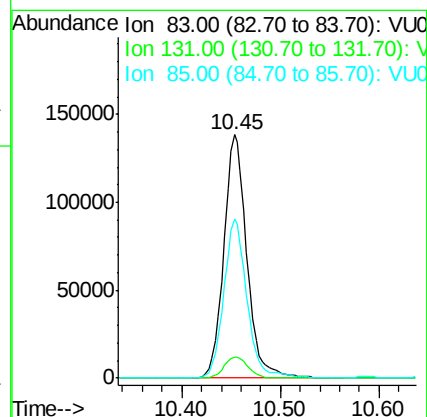
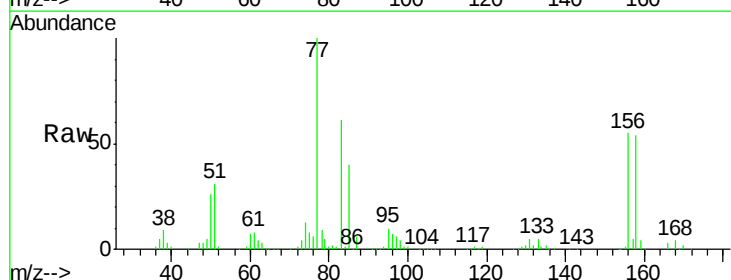
Tgt Ion: 83 Resp: 227391

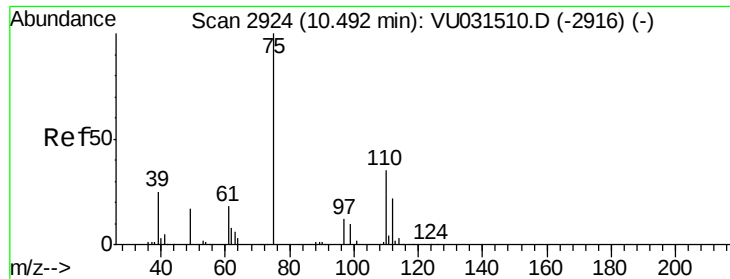
Ion Ratio Lower Upper

83 100

131 9.0 7.2 10.8

85 66.0 52.8 79.2





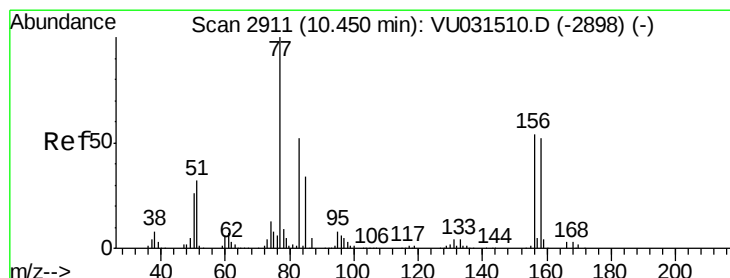
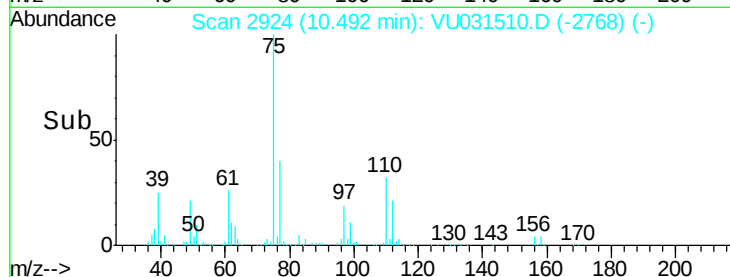
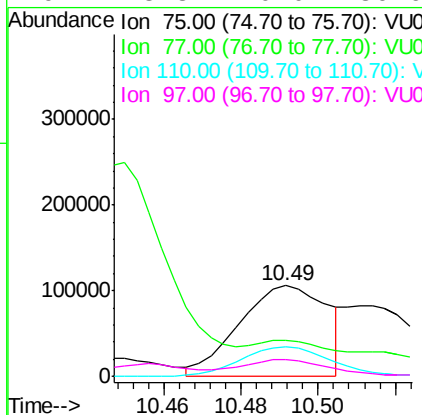
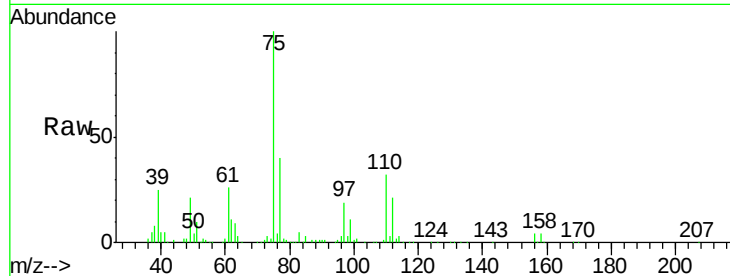
#71
1,2,3-Trichloropropane
Concen: 9.923 ug/l m
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	34.1	0.0	68.2
97	18.3	0.0	36.6

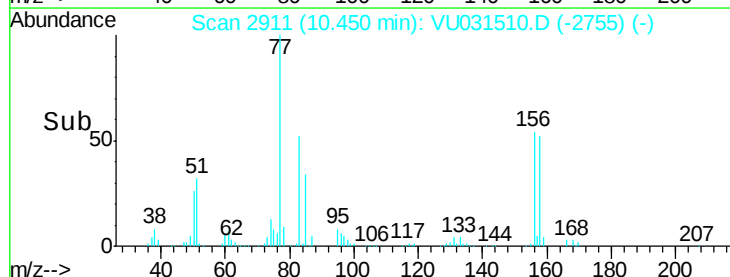
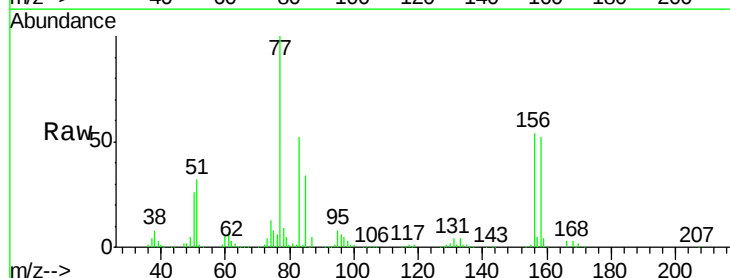
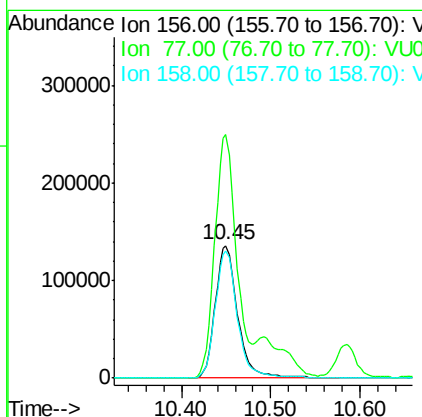
Manual Integrations
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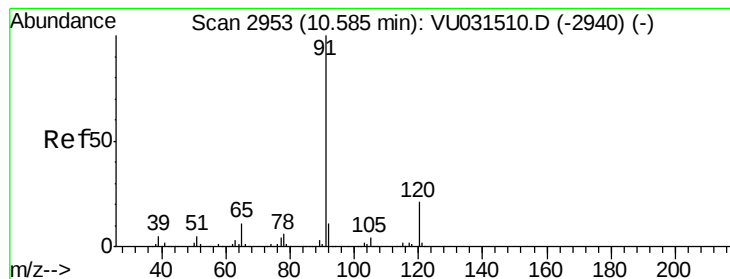
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#72
Bromobenzene
Concen: 10.166 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
156	100		
77	176.7	0.0	353.4
158	95.3	0.0	190.6





#73

n-propylbenzene

Concen: 11.415 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion:120 Resp: 269498

Ion Ratio Lower Upper

120 100

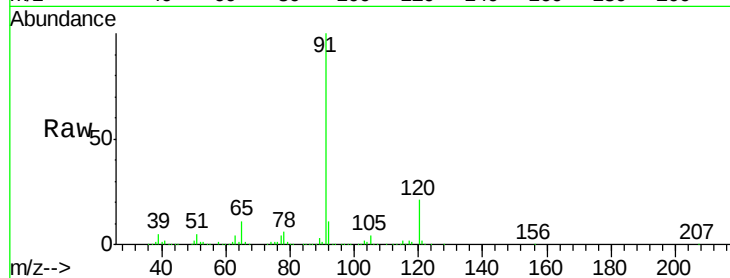
91 467.4 373.9 560.9

Manual Integrations

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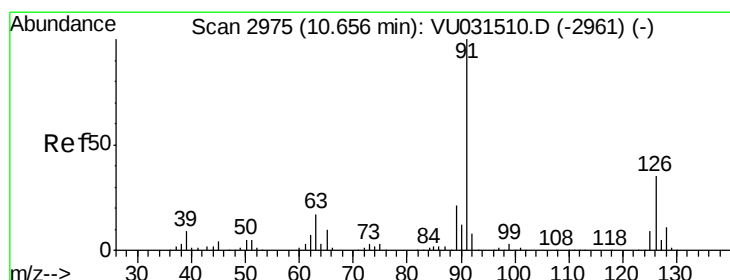
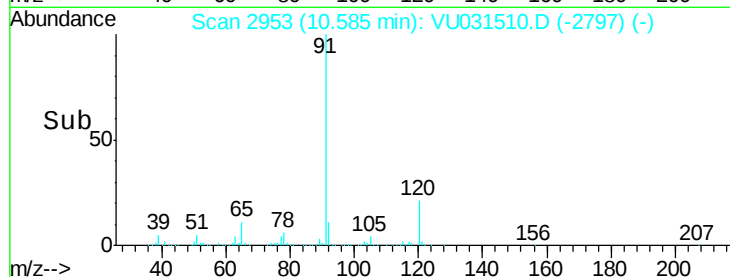
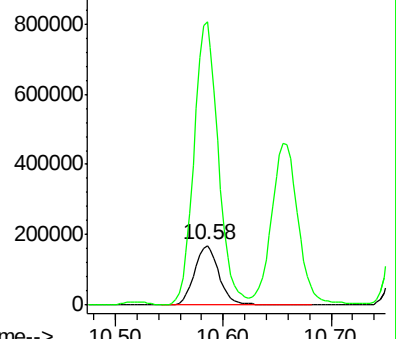
MMdadoda

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.034 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU031510.D

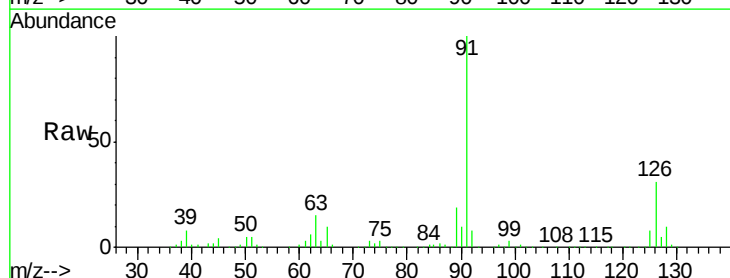
Acq: 25 Apr 2019 20:16

Tgt Ion:126 Resp: 239947

Ion Ratio Lower Upper

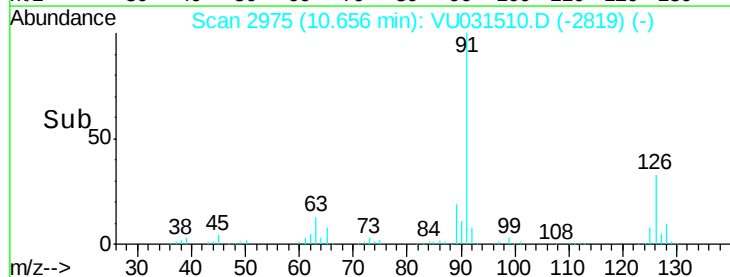
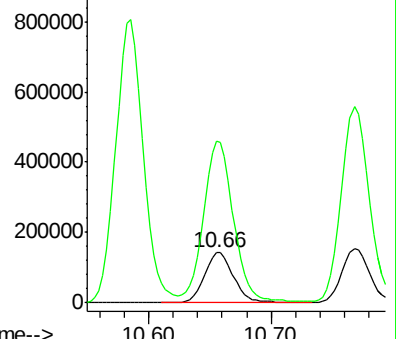
126 100

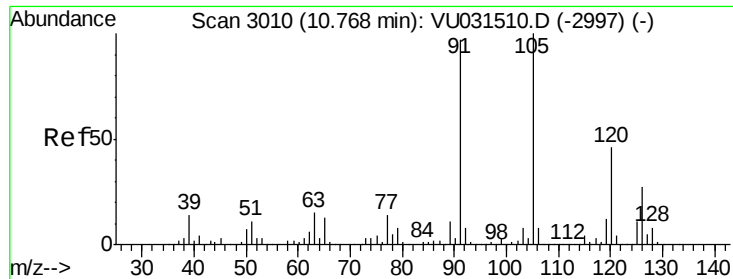
91 329.8 0.0 659.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.696 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 881966

Ion Ratio Lower Upper

105 100

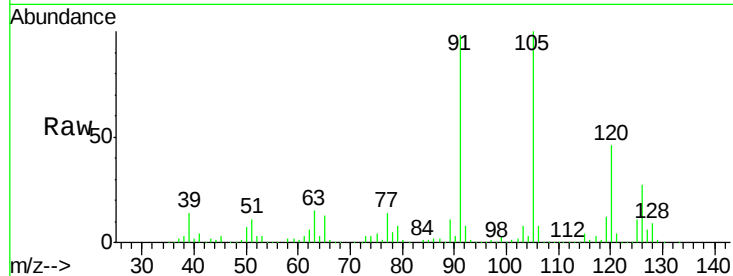
120 46.0 36.8 55.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

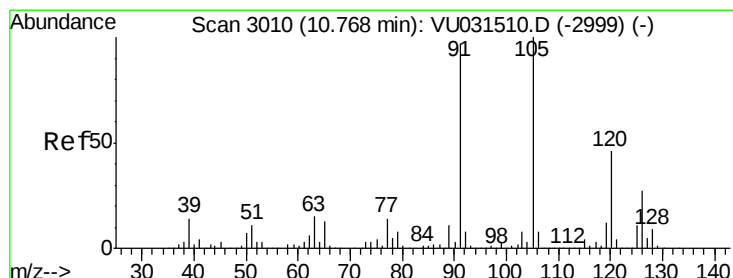
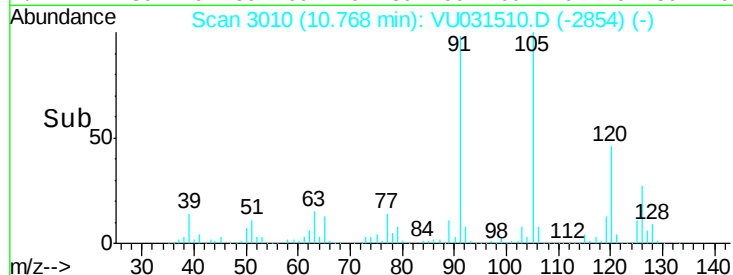
600000

400000

200000

0

Time-->



#76

4-Chlorotoluene

Concen: 11.207 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031510.D

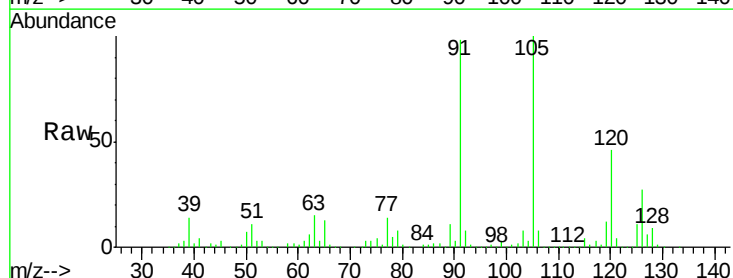
Acq: 25 Apr 2019 20:16

Tgt Ion:126 Resp: 246379

Ion Ratio Lower Upper

126 100

91 366.0 0.0 732.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

600000

500000

400000

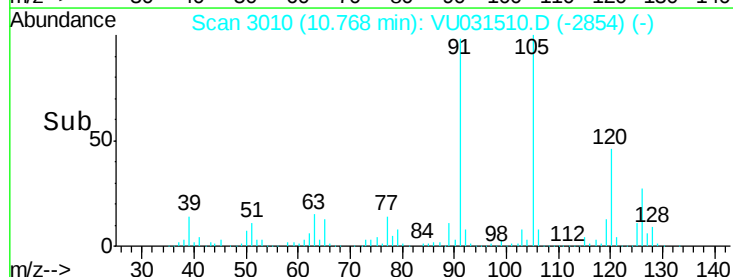
300000

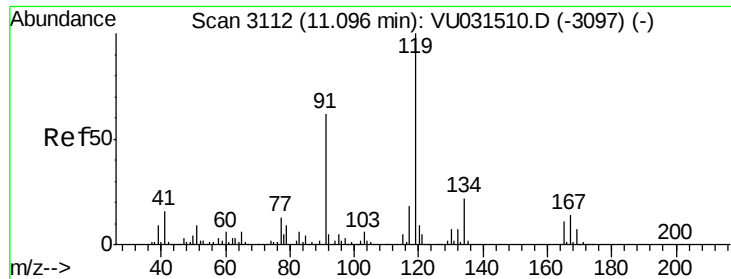
200000

100000

0

Time-->





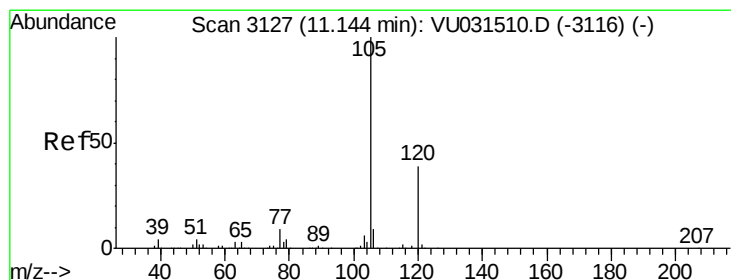
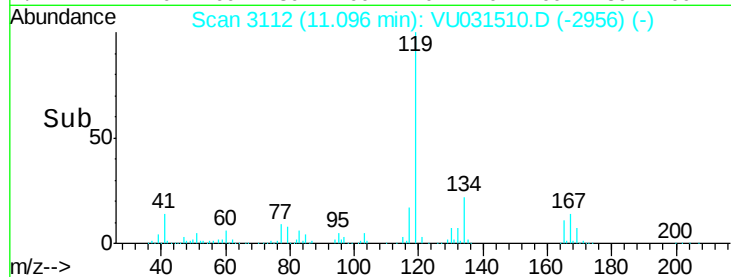
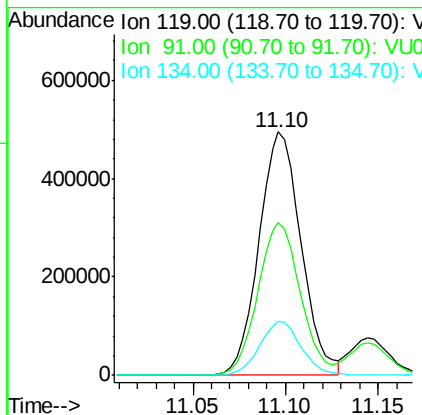
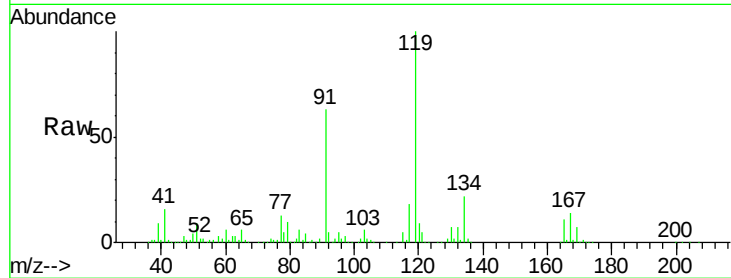
#77
tert-Butylbenzene
Concen: 10.715 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	780299		
91	62.8		31.4	94.2
134	21.8		17.4	26.2

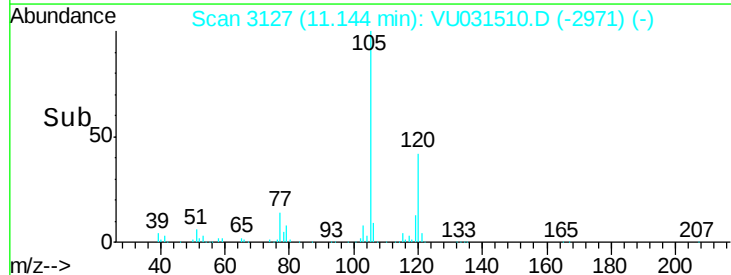
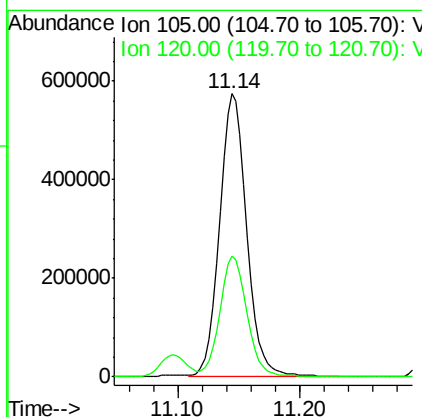
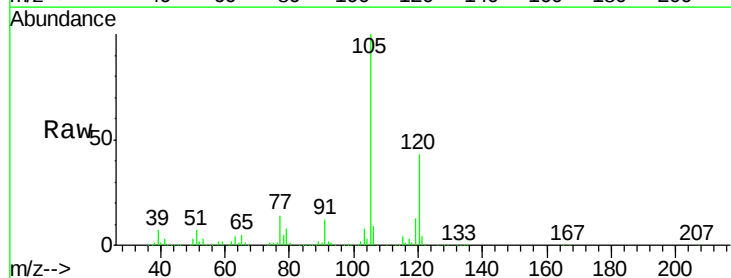
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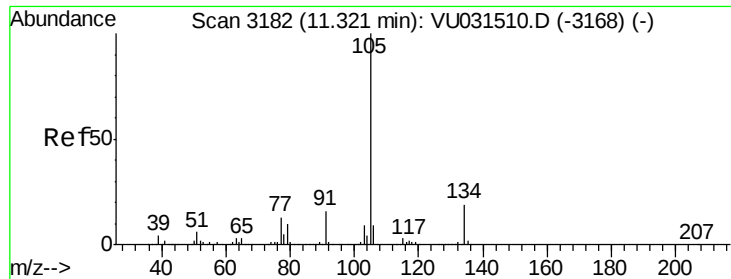
MMDadoda
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#78
1,2,4-Trimethylbenzene
Concen: 11.808 ug/l
RT: 11.14 min Scan# 3127
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	895299		
120	43.3		21.6	65.0





#79

sec-Butylbenzene

Concen: 11.163 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 1102318

Ion Ratio Lower Upper

105 100

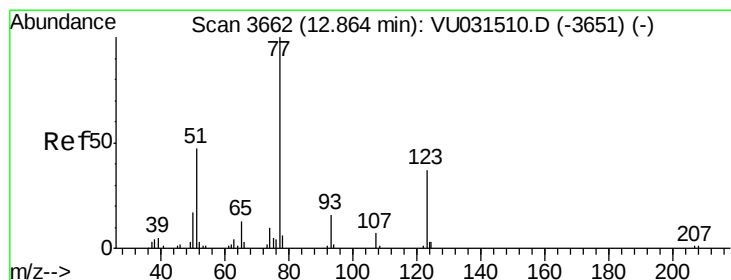
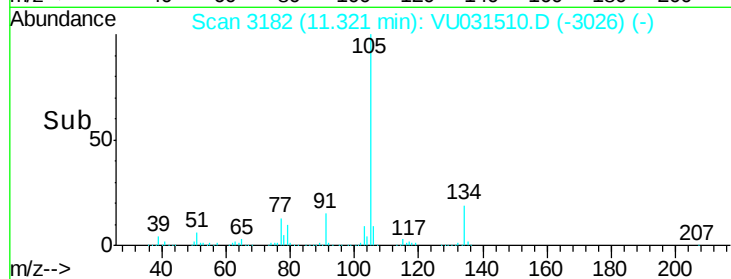
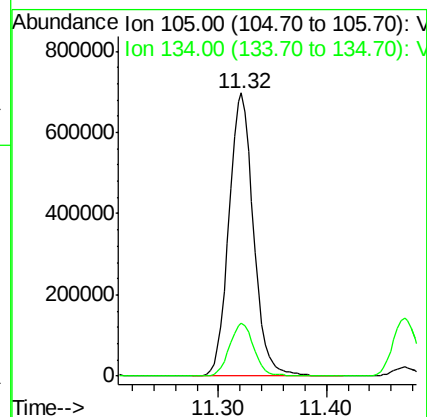
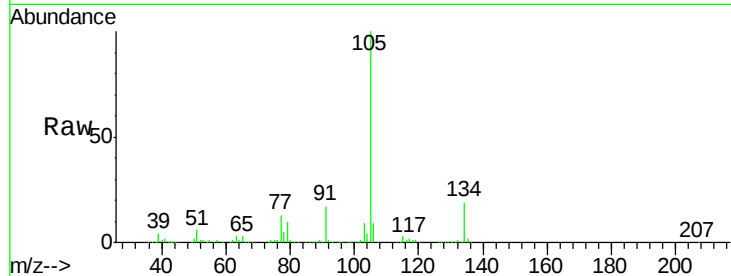
134 18.8 15.0 22.6

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#80

Nitrobenzene

Concen: 46.904 ug/l

RT: 12.86 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

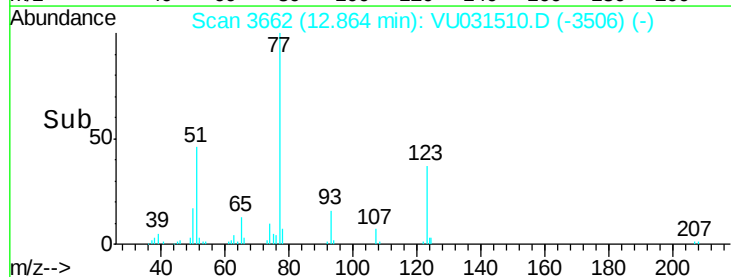
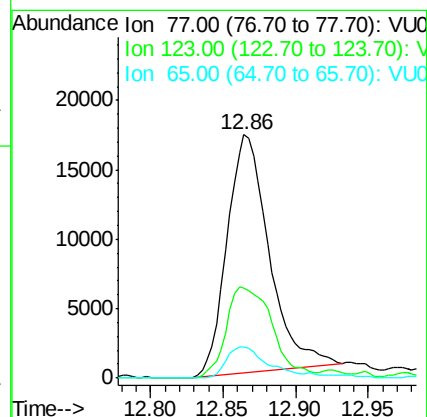
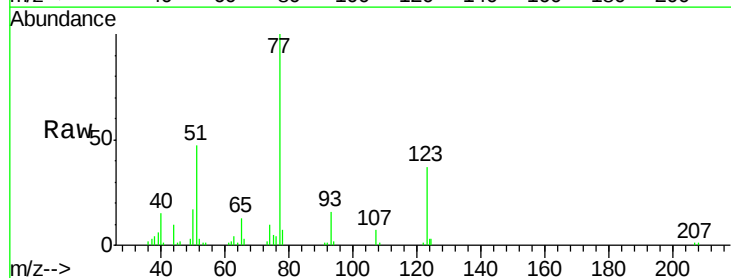
Tgt Ion: 77 Resp: 34708

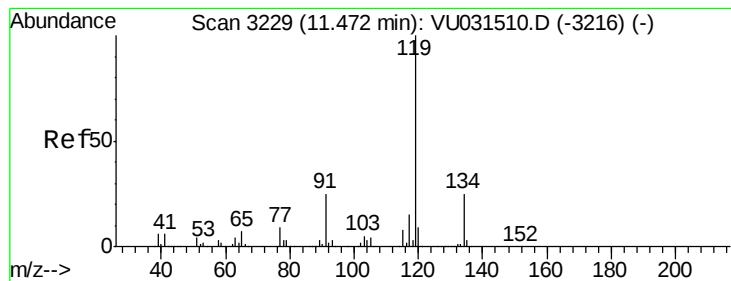
Ion Ratio Lower Upper

77 100

123 39.1 17.2 61.0

65 11.0 9.7 12.3





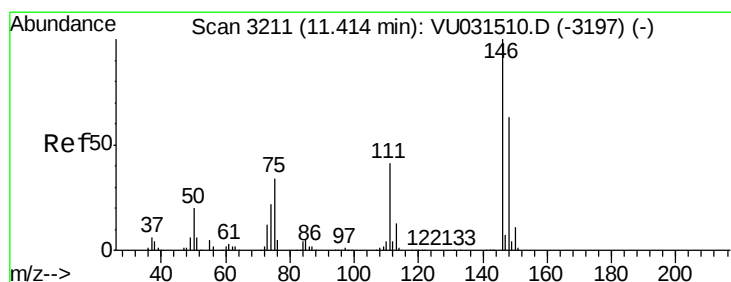
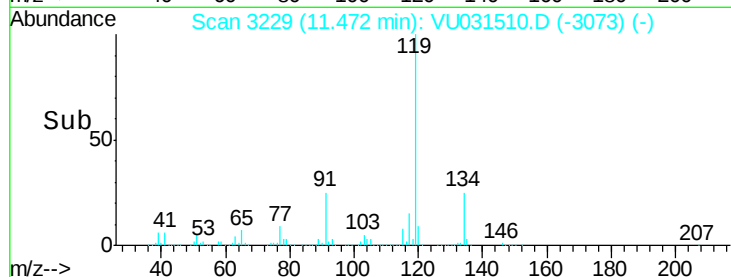
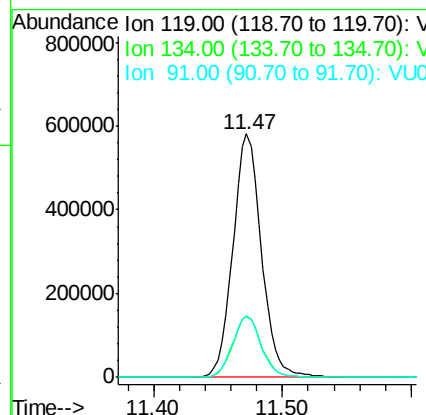
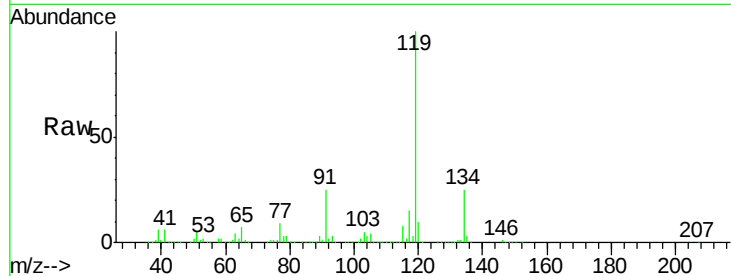
#81
 p-Isopropyltoluene
 Concen: 11.213 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	885784		
134	25.4		20.3	30.5
91	25.4		20.3	30.5

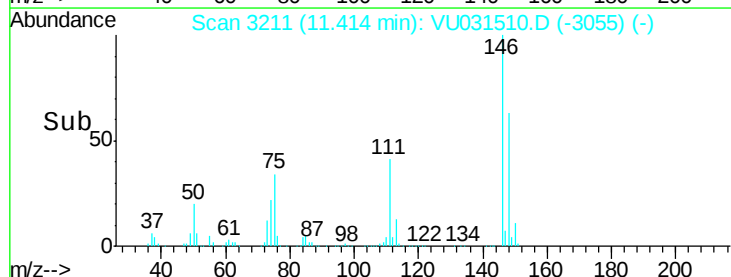
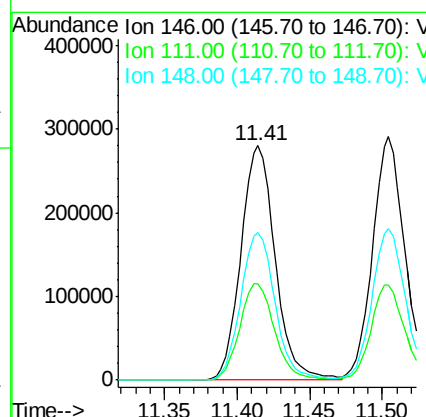
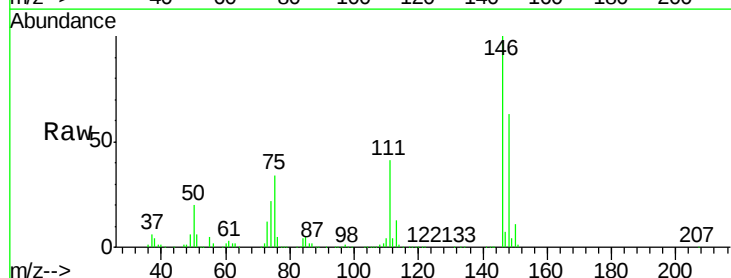
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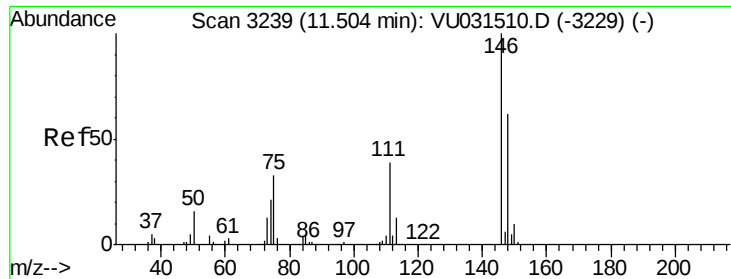
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#82
 1,3-Dichlorobenzene
 Concen: 10.040 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	461823		
111	41.7		33.4	50.0
148	62.8		50.2	75.4





#83

1,4-Dichlorobenzene

Concen: 10.380 ug/l

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

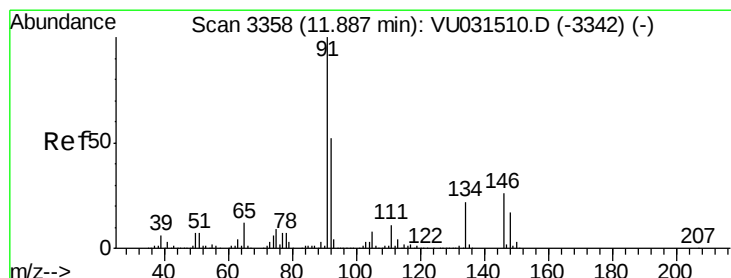
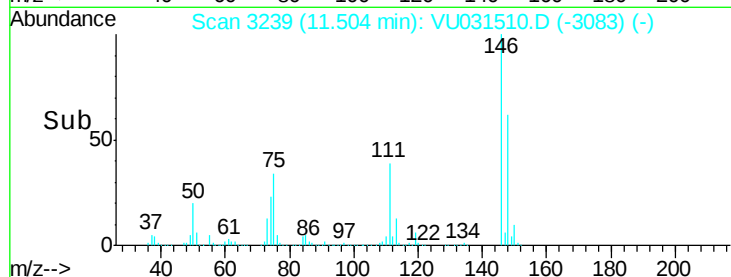
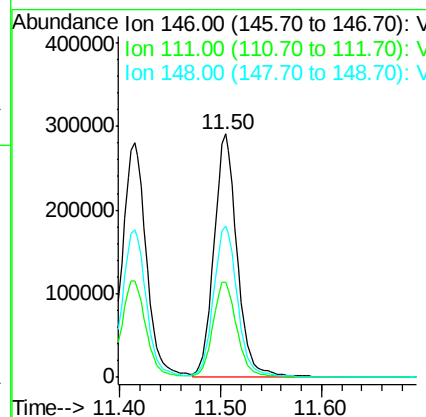
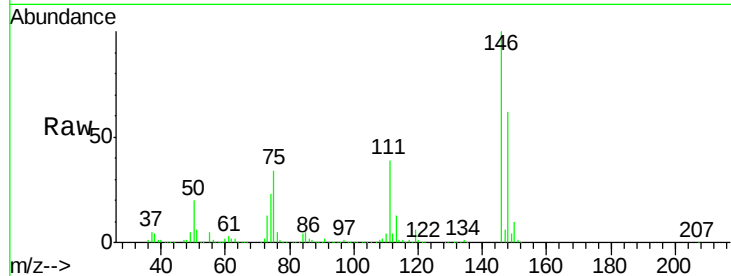
ClientSampleId :

VSTDIC010

Tot Ion:	146	Resp:	460894
Ion Ratio		Lower	Upper
146	100		
111	40.3	32.2	48.4
148	64.0	51.2	76.8

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#84

n-Butylbenzene

Concen: 11.353 ug/l

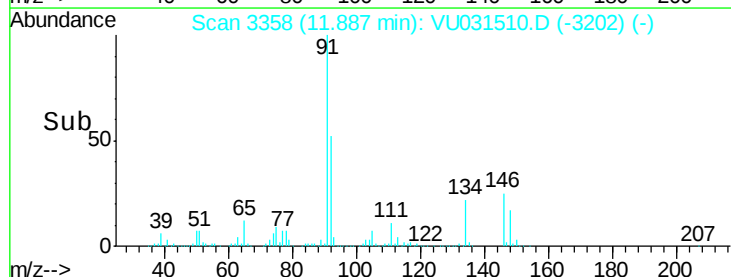
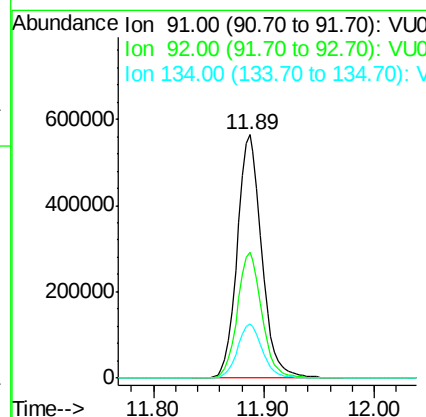
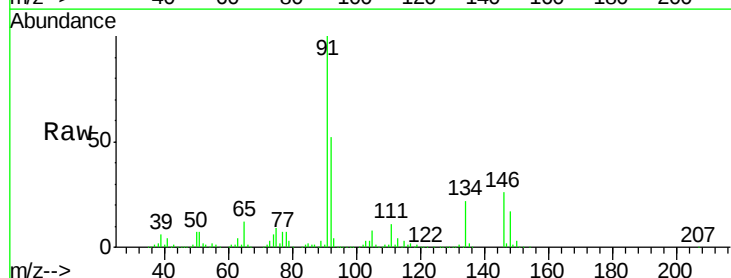
RT: 11.89 min Scan# 3358

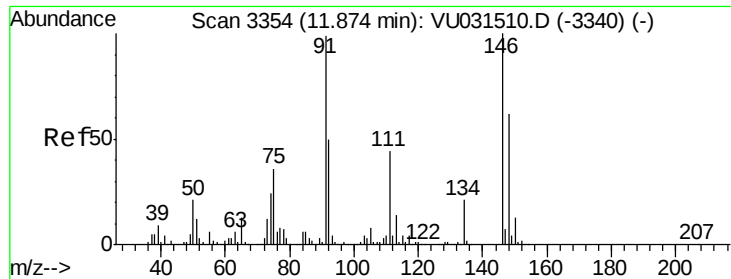
Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Tgt Ion:	91	Resp:	868319
Ion Ratio		Lower	Upper
91	100		
92	51.5	41.2	61.8
134	22.6	18.1	27.1





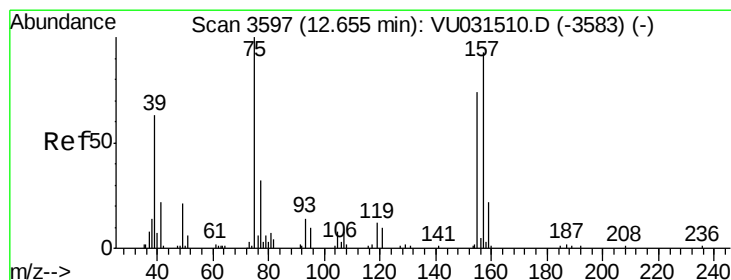
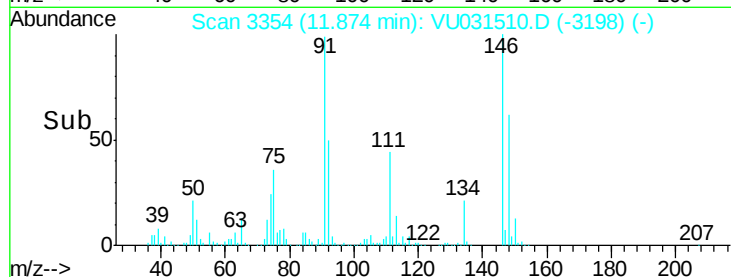
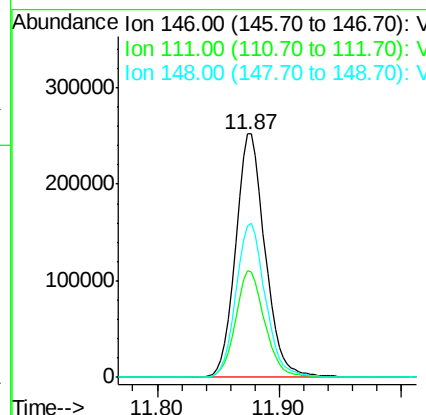
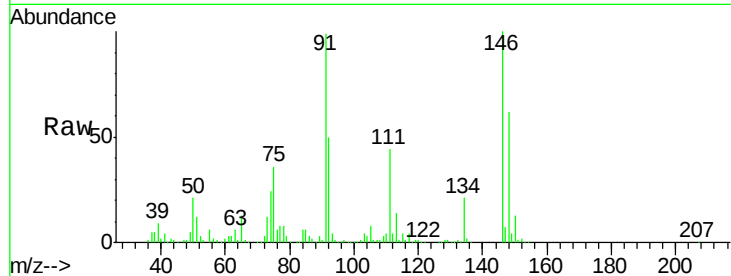
#85
 1,2-Dichlorobenzene
 Concen: 9.869 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	63.1	31.6	94.7

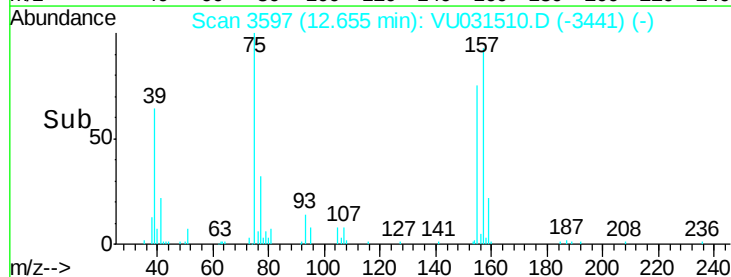
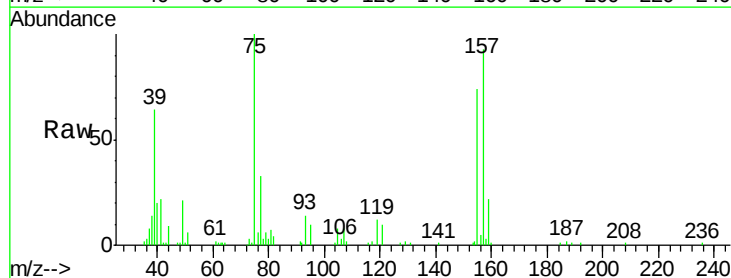
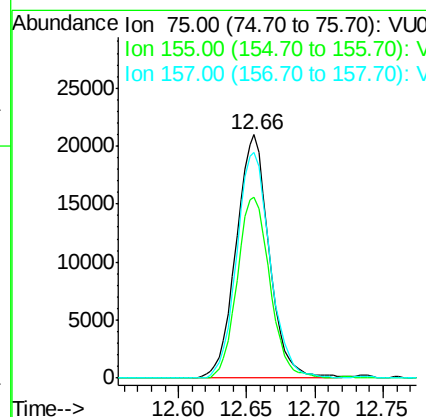
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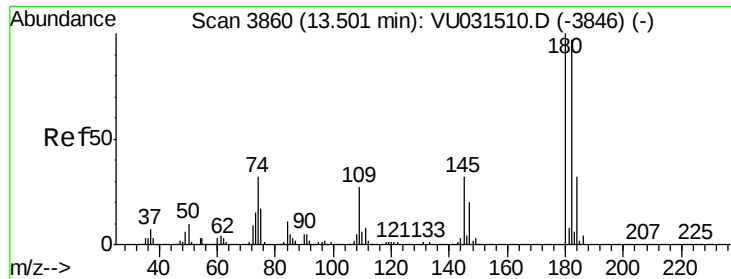
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.663 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU031510.D
 Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.1	58.5	87.7
157	93.7	75.0	112.4





#87

1,2,4-Trichlorobenzene

Concen: 9.803 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Instrument :

MSVOA_U

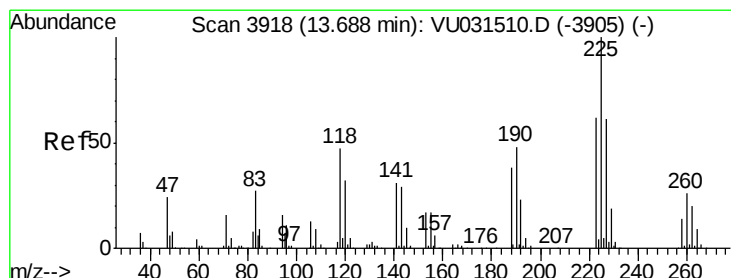
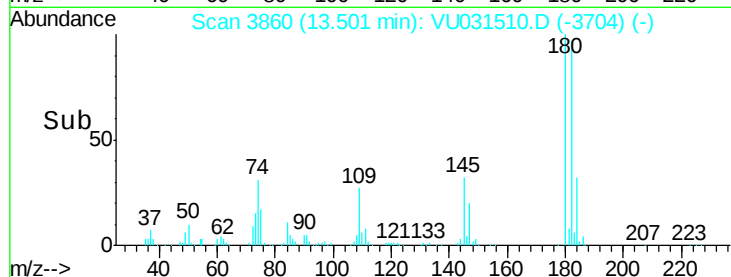
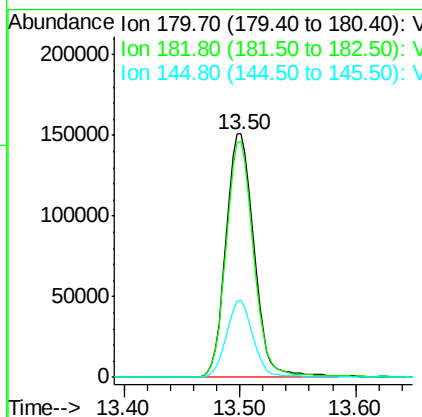
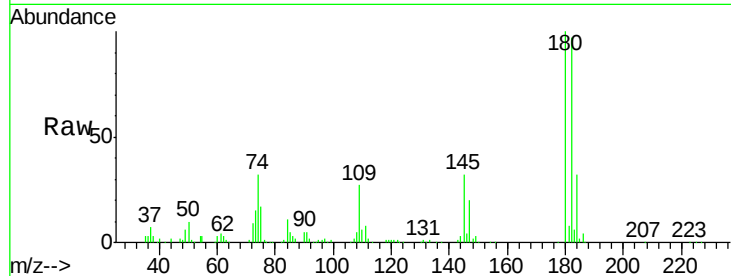
ClientSampleId :

VSTDIC010

Tot Ion:	180	Resp:	252279
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.5	113.3
145	29.9	23.9	35.9

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#88

Hexachlorobutadiene

Concen: 8.895 ug/l

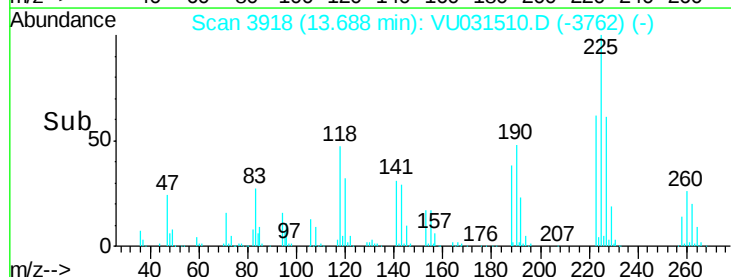
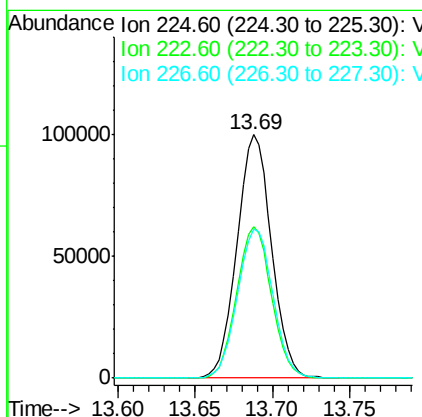
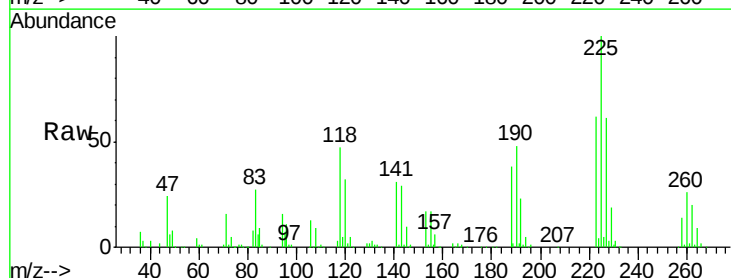
RT: 13.69 min Scan# 3918

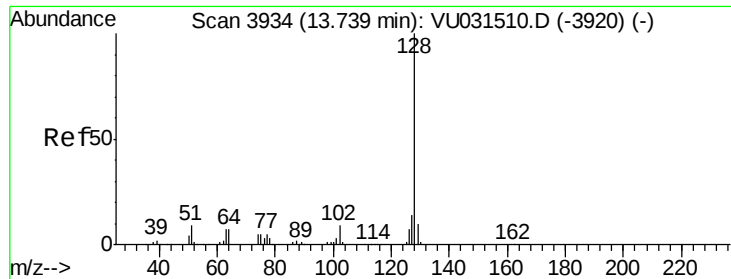
Delta R.T. 0.00 min

Lab File: VU031510.D

Acq: 25 Apr 2019 20:16

Tgt Ion:	225	Resp:	154947
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.2	75.4
227	63.0	50.4	75.6





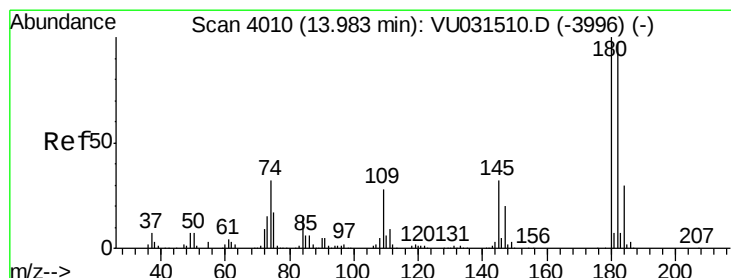
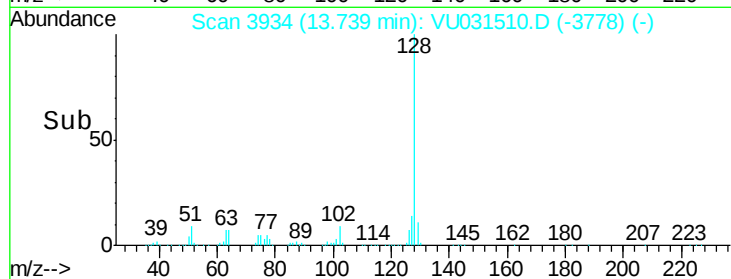
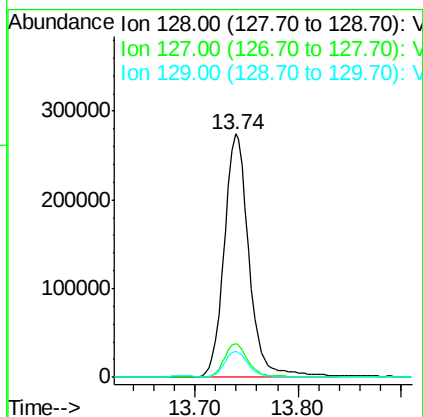
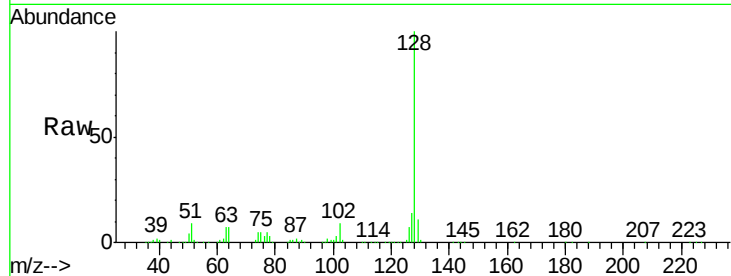
#89
Naphthalene
Concen: 10.729 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.2	8.2	12.2

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#90
1,2,3-Trichlorobenzene
Concen: 9.724 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU031510.D
Acq: 25 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	32.4	25.9	38.9

