

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036544.D
 Acq On : 23 Jan 2020 17:29
 Operator : JC/MD
 Sample : VU0123WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 VU0123WBSD01

Manual Integrations
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 1/27/2020 1:46:46 PM

Quant Time: Jan 24 03:02:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	34501	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13231	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	13681	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	24218	2.124	ug/l	96
3) Chloromethane	1.54	50	27632	2.260	ug/l	96
4) Vinyl Chloride	1.62	62	29299	2.116	ug/l	98
5) Bromomethane	1.87	94	17667	2.053	ug/l	98
6) Chloroethane	1.95	64	15707	1.915	ug/l	97
7) Trichlorofluoromethane	2.16	101	29352	2.145	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	18469	2.167	ug/l	98
9) 1,1-Dichloroethene	2.61	96	19131	2.109	ug/l	98
10) Iodomethane	2.75	142	17271	1.940	ug/l	98
11) Allyl Chloride	2.95	41	25936	2.068	ug/l	99
12) Acrylonitrile	3.37	53	9405	4.226	ug/l #	91
13) Acetone	2.68	43	17043	10.208	ug/l	97
14) Carbon Disulfide	2.82	76	64652	2.058	ug/l	98
15) Methylene Chloride	3.08	84	27517	2.303	ug/l	97
16) trans-1,2-Dichloroethene	3.39	96	21159	2.114	ug/l	99
17) 1,1-Dichloroethane	3.91	63	34556	2.119	ug/l	99
18) 2-Butanone	4.78	43	24830	10.393	ug/l	97
19) Cyclohexane	5.42	56	31484m	2.112	ug/l	
20) Methylcyclohexane	6.80	83	35369	2.125	ug/l	100
21) 2,2-Dichloropropane	4.71	77	30274	2.174	ug/l	97
22) cis-1,2-Dichloroethene	4.71	96	21738	2.094	ug/l	99
23) Diethyl Ether	2.41	59	15325	2.187	ug/l	95
24) tert-Butyl Alcohol	3.29	59	13558	21.646	ug/l	95
25) Methyl tert-Butyl Ether	3.42	73	51058	2.148	ug/l	99
26) Bromochloromethane	5.02	128	9227	2.052	ug/l	95
27) Chloroform	5.13	83	34659	2.149	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	28731	2.124	ug/l	99
29) 1,1-Dichloropropene	5.57	75	28306	2.144	ug/l	98
30) Carbon Tetrachloride	5.57	117	24366	2.104	ug/l	98
31) Isopropyl Ether	4.06	45	52784	2.132	ug/l	98
32) Ethyl-t-butyl ether	4.57	59	55622	2.147	ug/l	98
33) Tert-Amyl methyl ether	5.99	73	50905	2.146	ug/l	99
34) Propionitrile	4.85	54	7302	10.603	ug/l #	96
35) Benzene	5.82	78	80789	2.113	ug/l	99
36) 1,2-Dichloroethane	5.84	62	22415	2.178	ug/l	100
37) Trichloroethene	6.58	130	22132	2.097	ug/l	100
38) 1,2-Dichloropropane	6.83	63	20506	2.133	ug/l	100
39) Methacrylonitrile	5.04	41	6288	2.173	ug/l	96
40) Methyl acrylate	4.91	55	9830	2.143	ug/l	98
41) Tetrahydrofuran	5.13	42	6698	4.248	ug/l	98
42) 1-Chlorobutane	5.50	56	36044	2.107	ug/l	98

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Instrument :
 MSVOA_U
 ClientSampleID :
 VU0123WBSD01

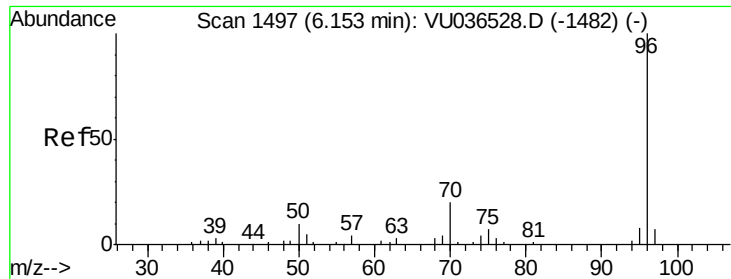
Manual Integrations
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Quant Time: Jan 24 03:02:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	10830	2.159	ug/l	96
44) Bromodichloromethane	7.14	83	25000	2.107	ug/l	98
45) 4-Methyl-2-Pentanone	7.84	43	59655	10.554	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	8633m	3.468	ug/l	
47) Methyl methacrylate	7.01	69	20003	4.069	ug/l	99
48) Ethyl methacrylate	8.37	69	19980	2.104	ug/l	98
49) Toluene	8.00	92	51047	2.092	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	24593	2.080	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	29794	2.079	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	15960	2.242	ug/l	96
53) 1,3-Dichloropropane	8.61	76	26014	2.132	ug/l	100
54) 2-Hexanone	8.73	43	40802	10.293	ug/l	97
55) Dibromochloromethane	8.84	129	17291	2.110	ug/l	96
56) 1,2-Dibromoethane	8.96	107	14599	2.130	ug/l	100
58) Tetrachloroethene	8.58	164	23787	2.255	ug/l	98
59) Chlorobenzene	9.48	112	57468	2.114	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	17856	2.057	ug/l	96
61) Pentachloroethane	11.45	117	10161	1.814	ug/l	97
62) Hexachloroethane	12.49	117	14414	2.019	ug/l	99
63) Ethyl Benzene	9.60	91	97340	2.137	ug/l	99
64) m/p-Xylenes	9.72	106	76342	4.234	ug/l	100
65) o-Xylene	10.12	106	37116	2.126	ug/l	99
66) Styrene	10.14	104	61066	2.088	ug/l	100
67) Bromoform	10.32	173	9381	1.999	ug/l	99
69) Isopropylbenzene	10.51	105	97097	2.117	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	19143	2.132	ug/l	98
71) 1,2,3-Trichloropropane	10.85	75	16149m	2.520	ug/l	
72) Bromobenzene	10.81	156	23628	2.138	ug/l	99
73) n-propylbenzene	10.93	120	27663	2.149	ug/l	96
74) 2-Chlorotoluene	11.01	126	23810	2.154	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	84683	2.152	ug/l	100
76) 4-Chlorotoluene	11.12	126	24233	2.122	ug/l	94
77) tert-Butylbenzene	11.44	119	78371	2.102	ug/l	98
78) 1,2,4-Trimethylbenzene	11.49	105	86502	2.132	ug/l	99
79) sec-Butylbenzene	11.66	105	110653	2.139	ug/l	100
80) Nitrobenzene	13.24	77	962	7.465	ug/l #	86
81) p-Isopropyltoluene	11.81	119	92978	2.151	ug/l	99
82) 1,3-Dichlorobenzene	11.77	146	47261	2.137	ug/l	98
83) 1,4-Dichlorobenzene	11.86	146	46449	2.102	ug/l	99
84) n-Butylbenzene	12.23	91	84519	2.114	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	44089	2.084	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	3032	1.995	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	26887	1.987	ug/l	99
88) Hexachlorobutadiene	14.04	225	15559	2.098	ug/l	99
89) Naphthalene	14.11	128	44385	1.903	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	26040	2.046	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

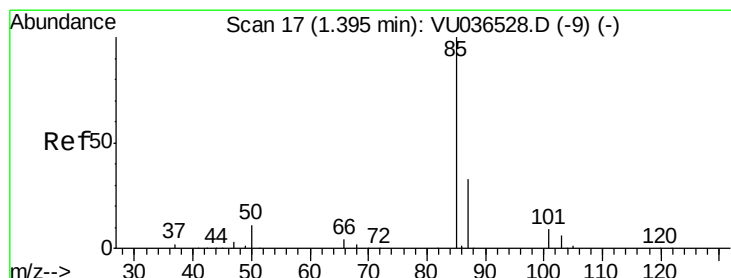
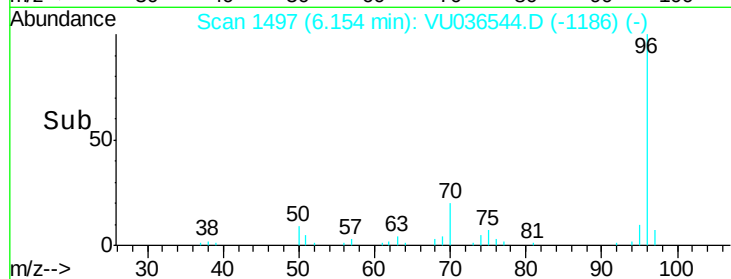
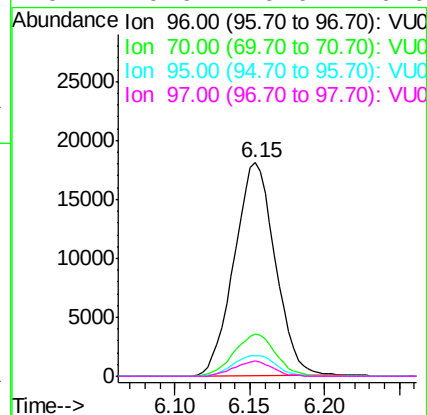
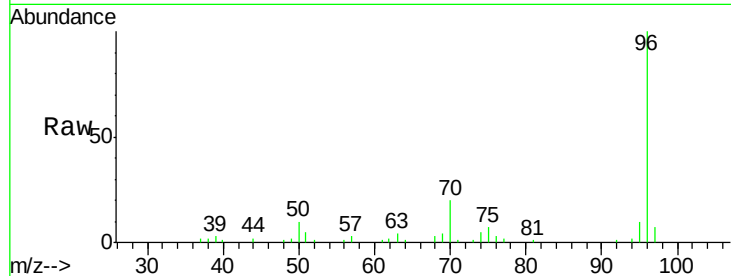
ClientSampleId :

VU0123WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		34501		
70	20.1	15.6	23.4		
95	10.0	7.0	10.6		
97	6.6	0.0	0.0		

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 2.124 ug/l

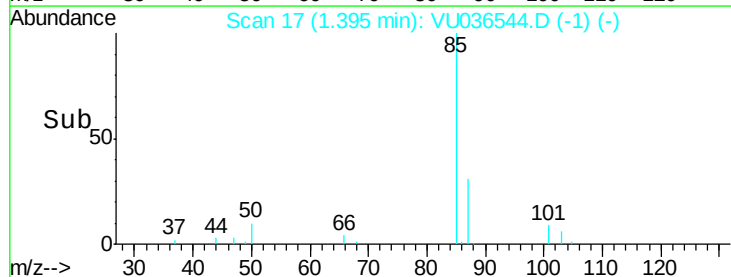
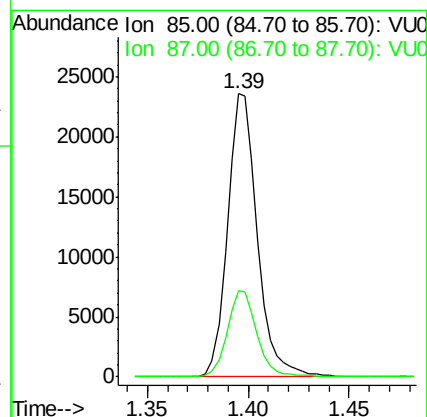
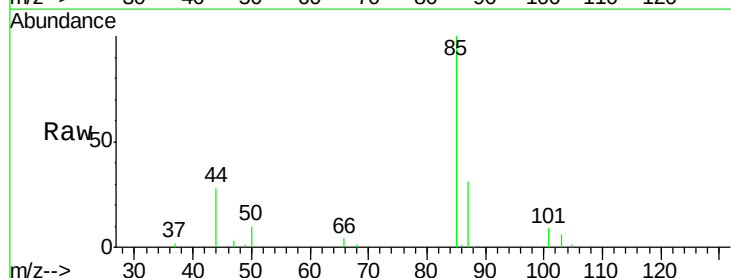
RT: 1.39 min Scan# 17

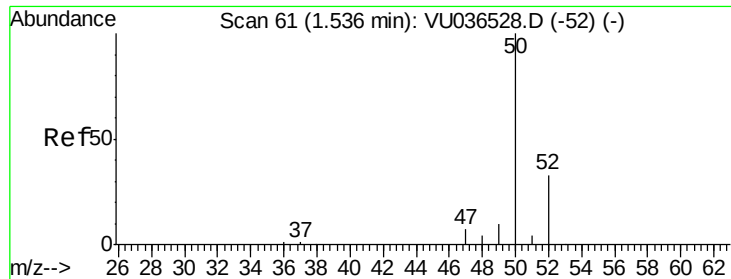
Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		24218		
87	30.6	16.4	49.2		





#3

Chloromethane

Concen: 2.260 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion: 50 Resp: 27632

Ion Ratio Lower Upper

50 100

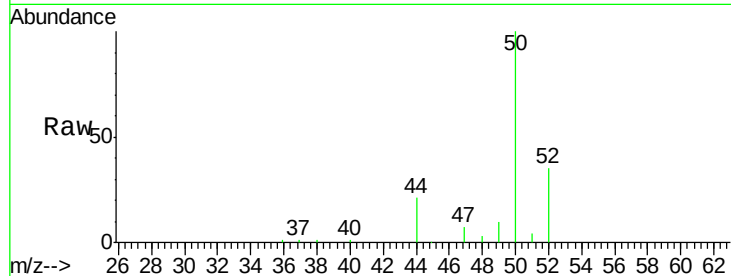
52 34.8 26.0 39.0

Manual Integrations

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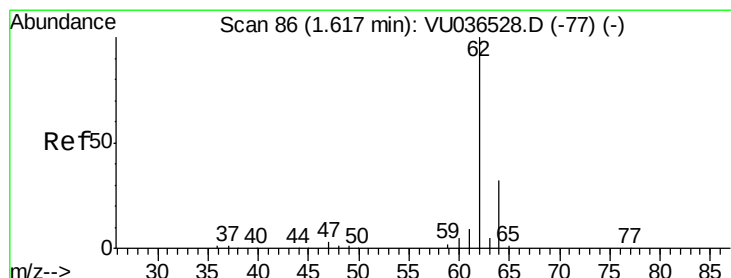
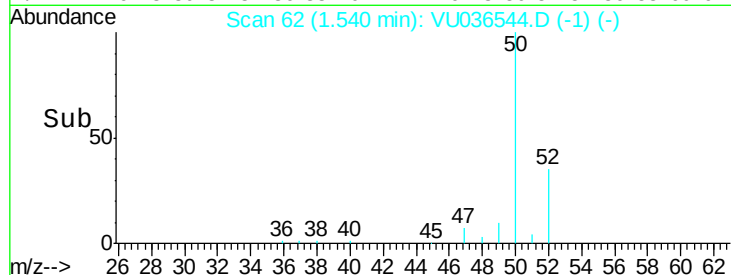
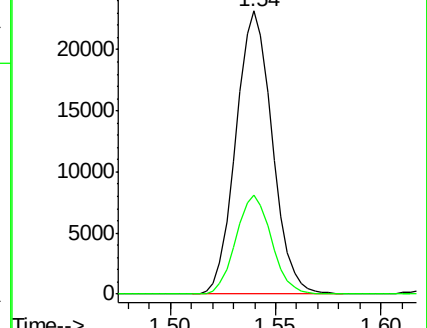
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Abundance Ion 50.00 (49.70 to 50.70): VU036528.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU036528.D (-52) (-)



#4

Vinyl Chloride

Concen: 2.116 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036544.D

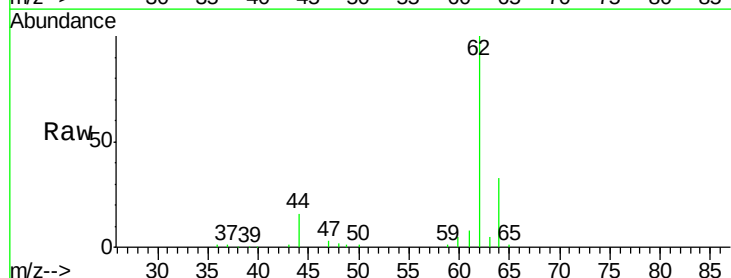
Acq: 23 Jan 2020 17:29

Tgt Ion: 62 Resp: 29299

Ion Ratio Lower Upper

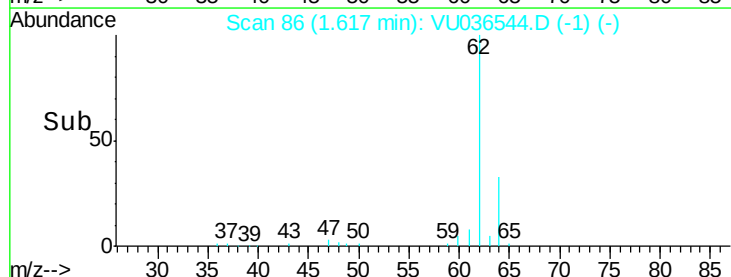
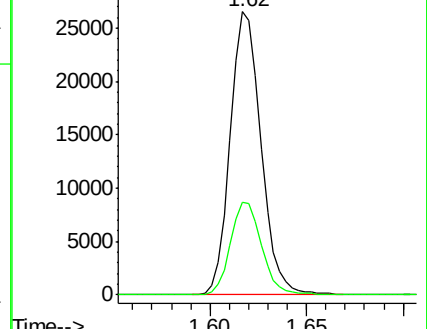
62 100

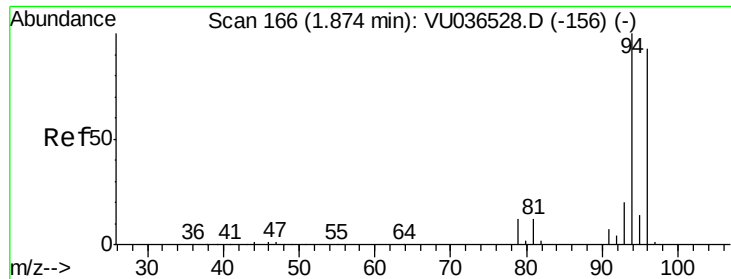
64 32.6 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VU036528.D (-77) (-)

Ion 64.00 (63.70 to 64.70): VU036528.D (-77) (-)





#5

Bromomethane

Concen: 2.053 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion: 94 Resp: 17667

Ion Ratio Lower Upper

94 100

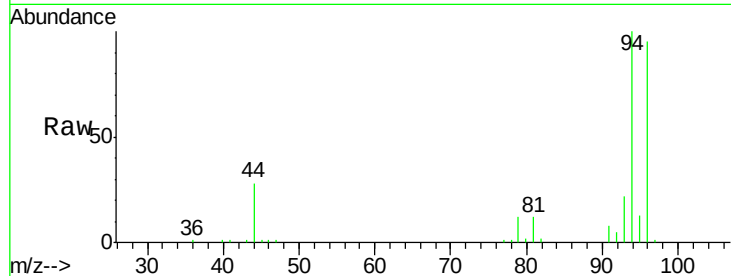
96 94.9 74.6 112.0

Manual Integrations

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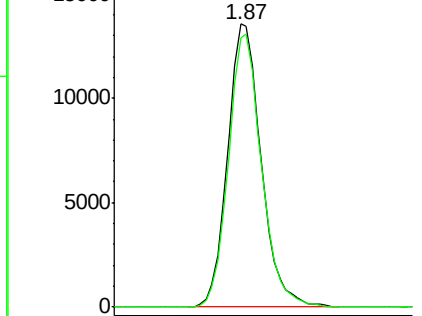
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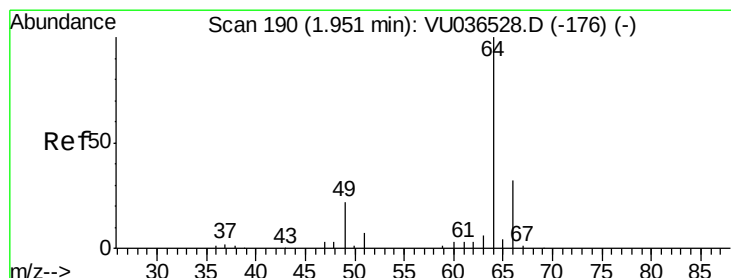
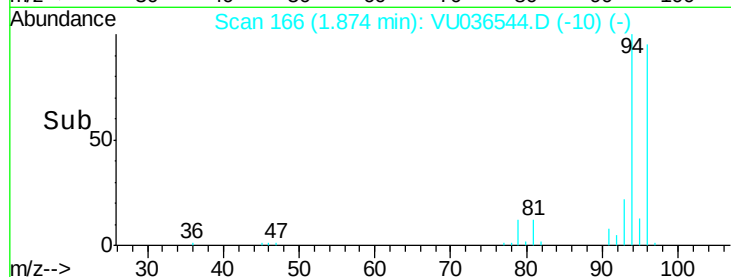


Abundance Ion 94.00 (93.70 to 94.70): VU036528.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU036528.D (-156) (-)



Time-->



#6

Chloroethane

Concen: 1.915 ug/l

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU036544.D

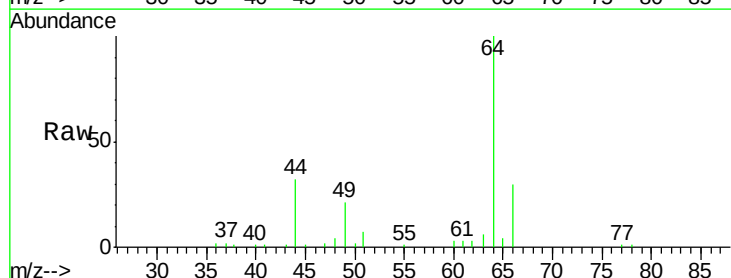
Acq: 23 Jan 2020 17:29

Tgt Ion: 64 Resp: 15707

Ion Ratio Lower Upper

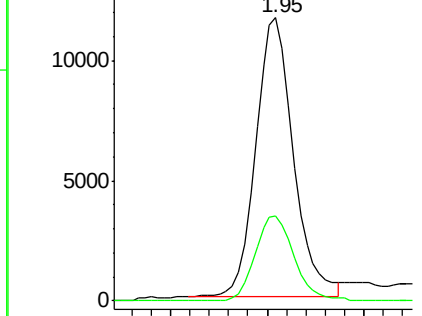
64 100

66 30.3 25.5 38.3

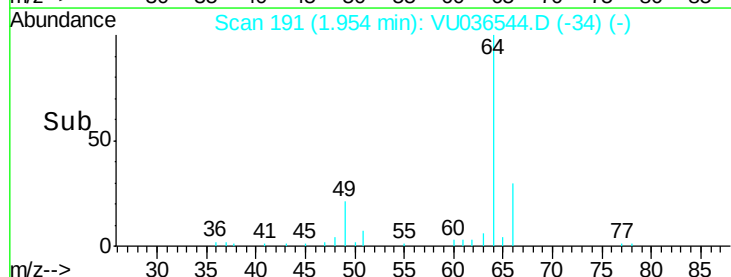


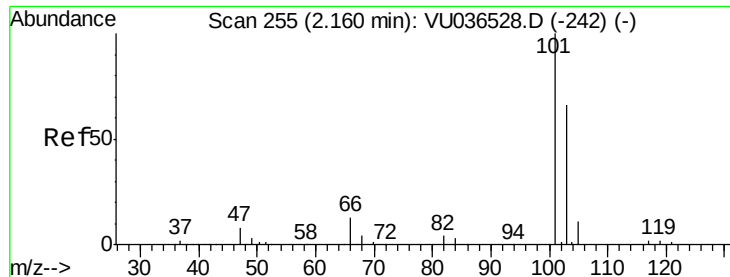
Abundance Ion 64.00 (63.70 to 64.70): VU036528.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU036528.D (-176) (-)



Time-->





#7

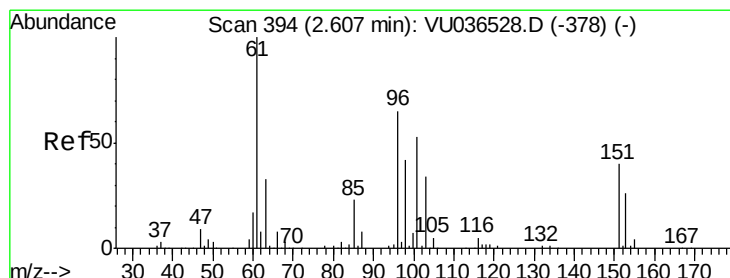
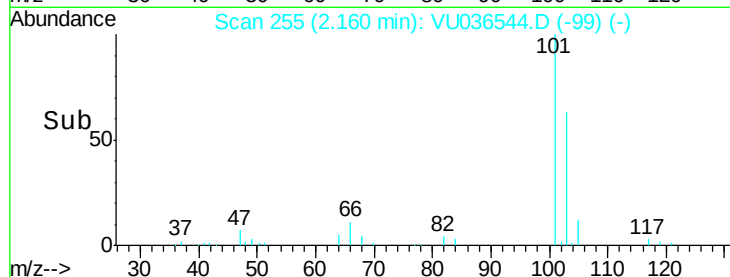
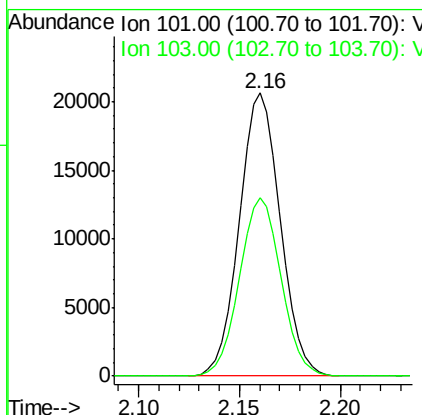
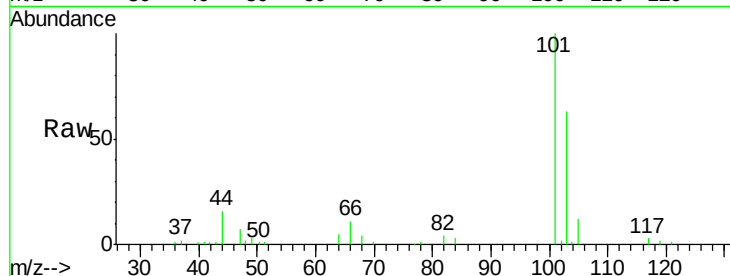
Trichlorofluoromethane
Concen: 2.145 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.0	79.6

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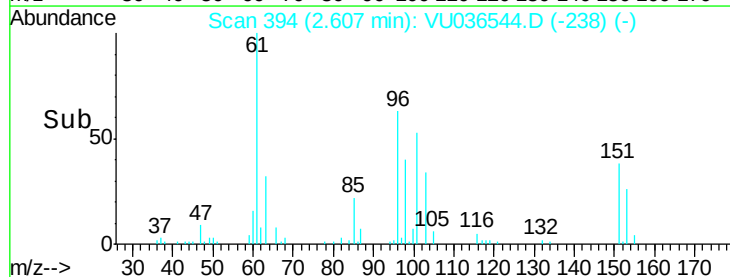
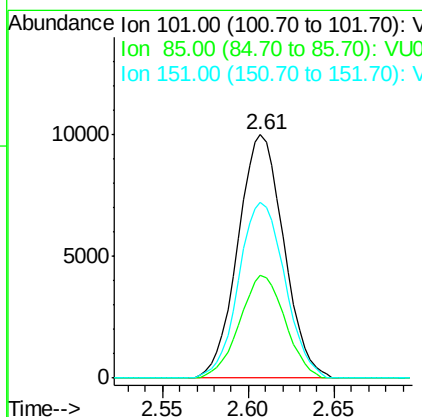
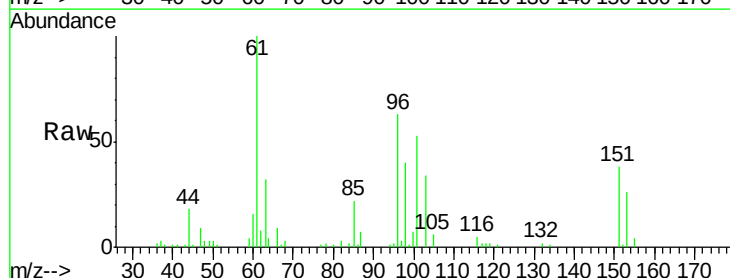
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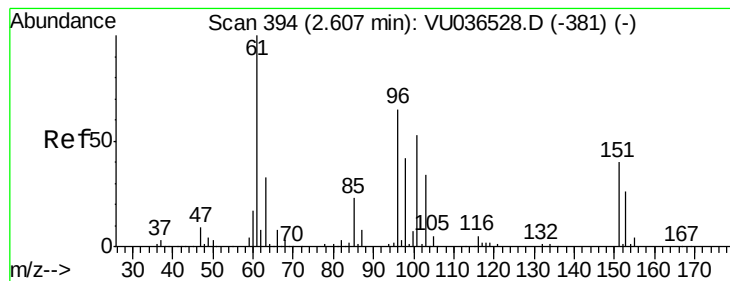


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.167 ug/l
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.9	50.9
151	72.9	59.8	89.8





#9

1,1-Dichloroethene

Concen: 2.109 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

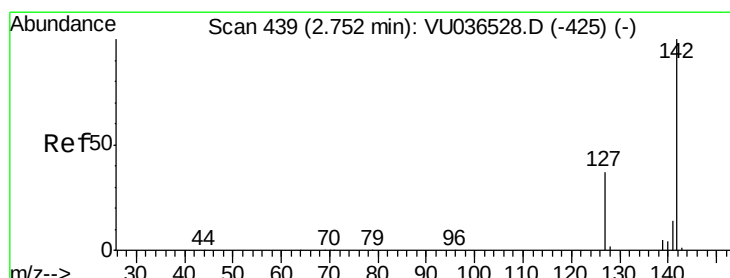
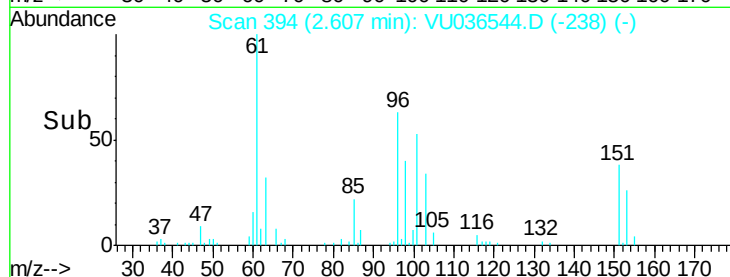
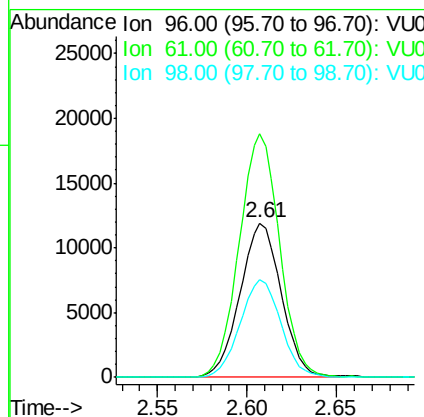
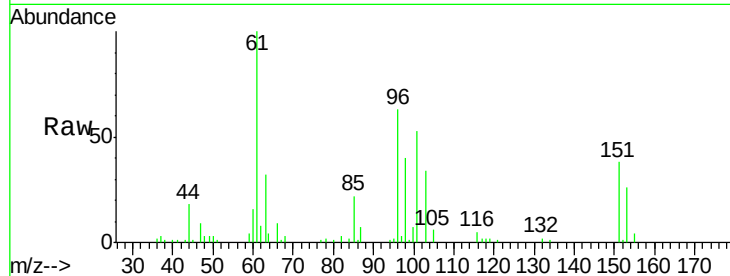
ClientSampleId :

VU0123WBSD01

Tot Ion:	96	Resp:	19131
Ion Ratio	Lower	Upper	
96	100		
61	157.6	0.0	463.2
98	63.0	0.0	130.0

Manual Integrations
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#10

Iodomethane

Concen: 1.940 ug/l

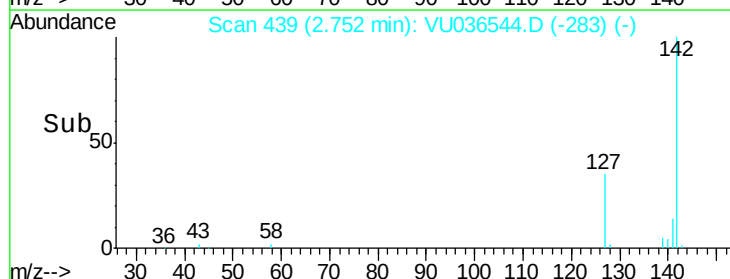
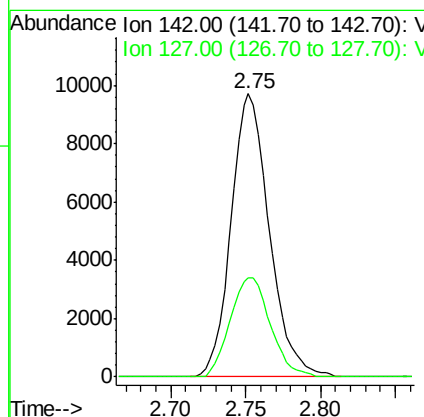
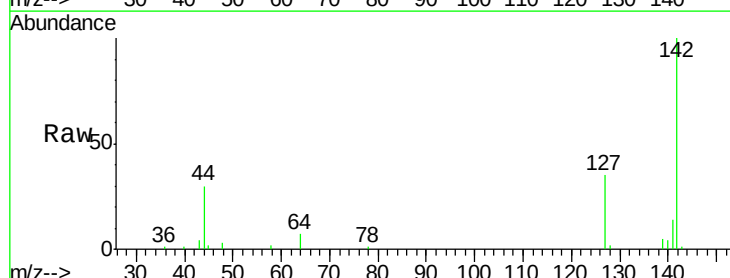
RT: 2.75 min Scan# 439

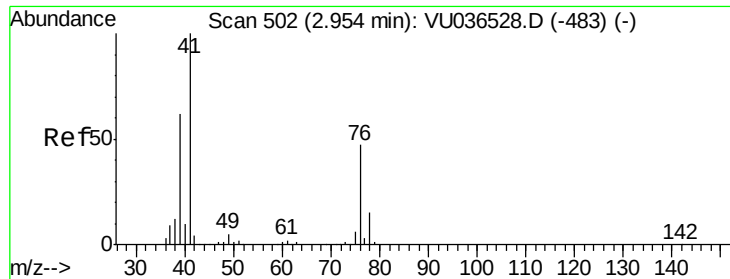
Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Tgt Ion:	142	Resp:	17271
Ion Ratio	Lower	Upper	
142	100		
127	36.9	30.3	45.5





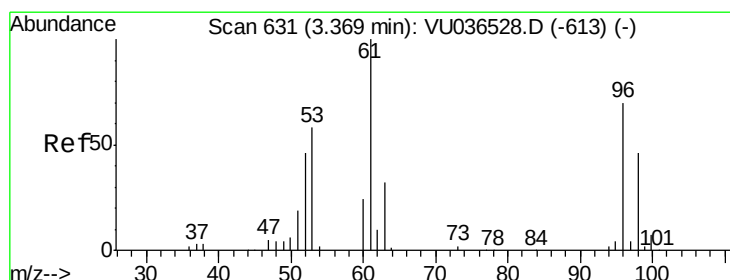
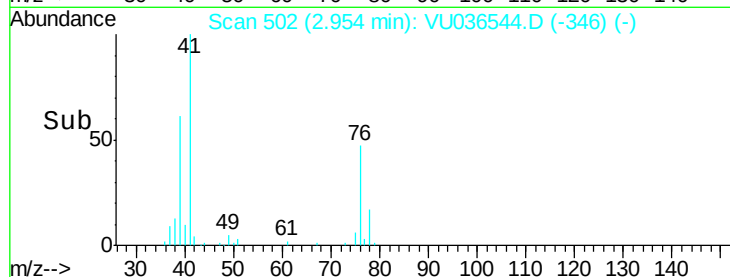
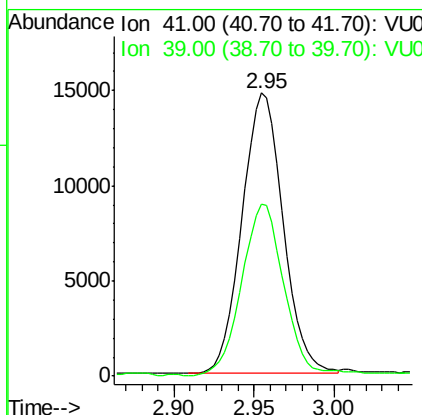
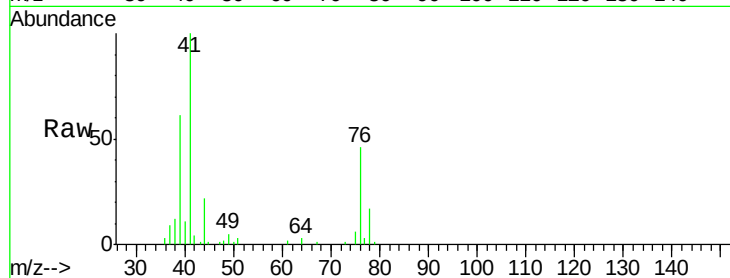
#11
Allvl Chloride
Concen: 2.068 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion: 41 Resp: 25936
Ion Ratio Lower Upper
41 100
39 64.3 50.7 76.1

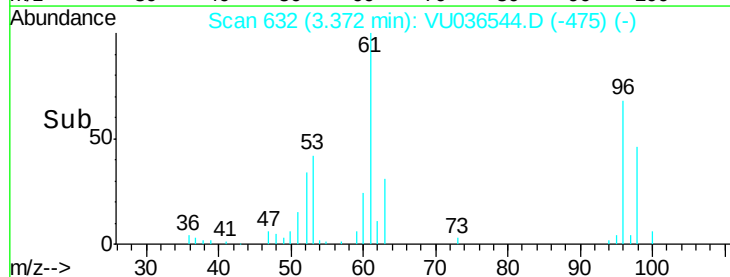
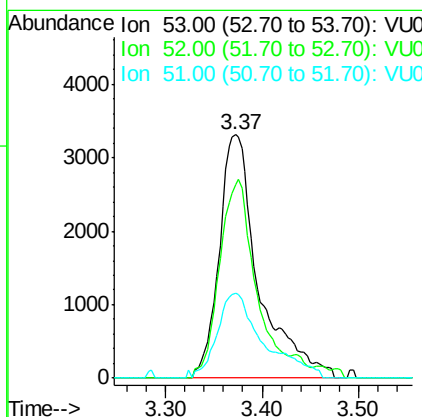
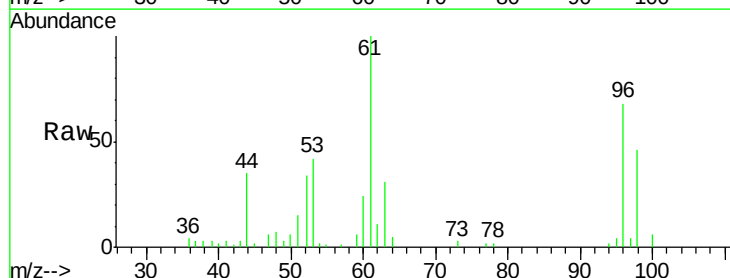
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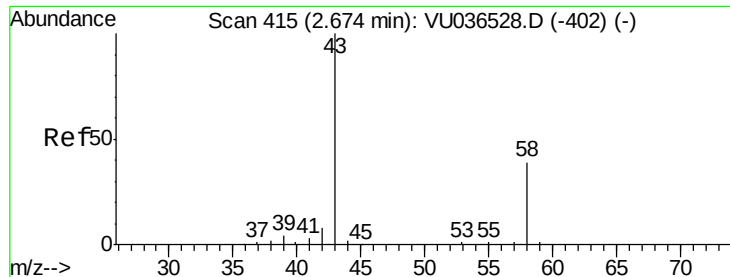
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#12
Acrylonitrile
Concen: 4.226 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 53 Resp: 9405
Ion Ratio Lower Upper
53 100
52 74.1 64.6 97.0
51 40.9 27.2 40.8#





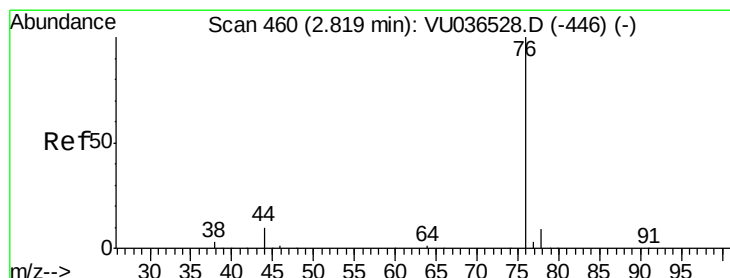
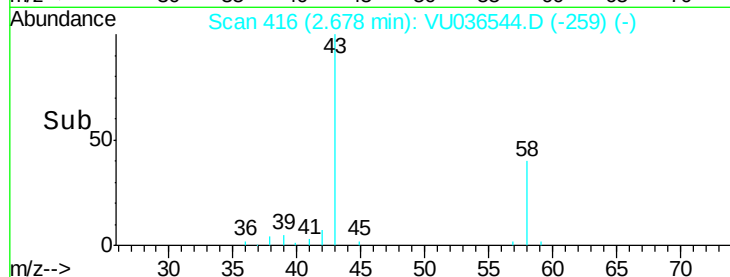
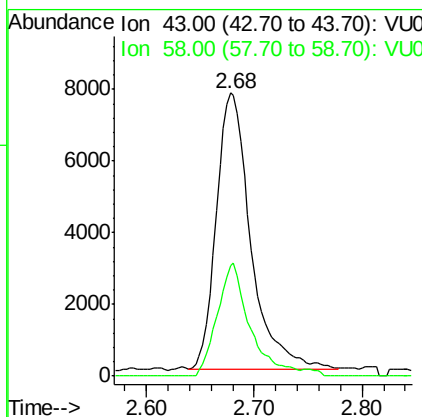
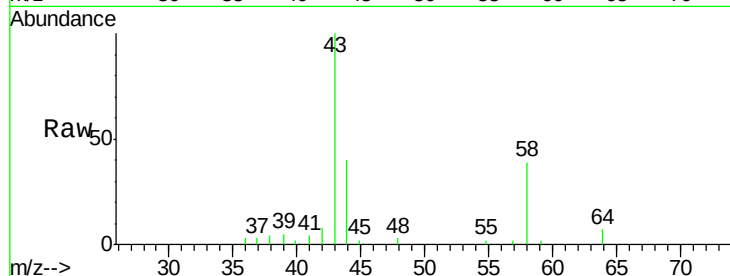
#13
Acetone
Concen: 10.208 ug/l
RT: 2.68 min Scan# 416
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion: 43 Resp: 17043
Ion Ratio Lower Upper
43 100
58 40.3 30.8 46.2

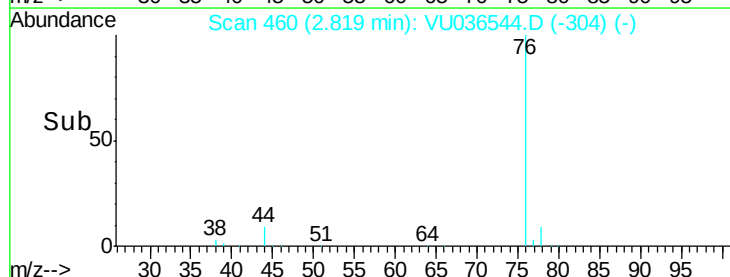
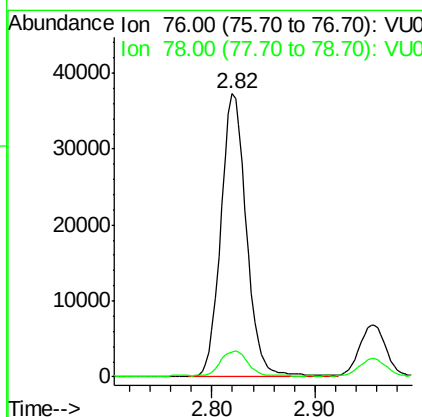
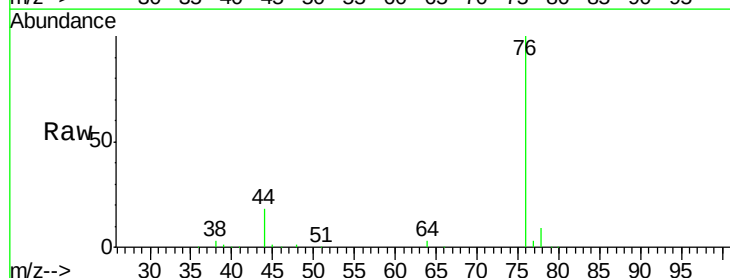
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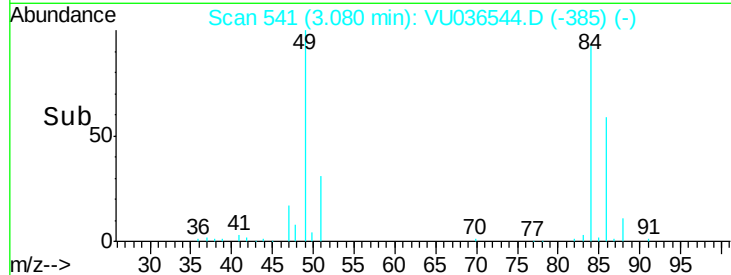
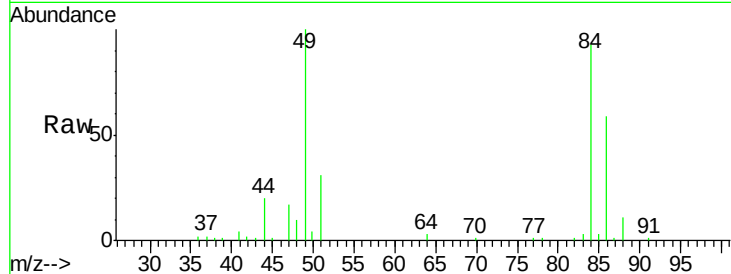
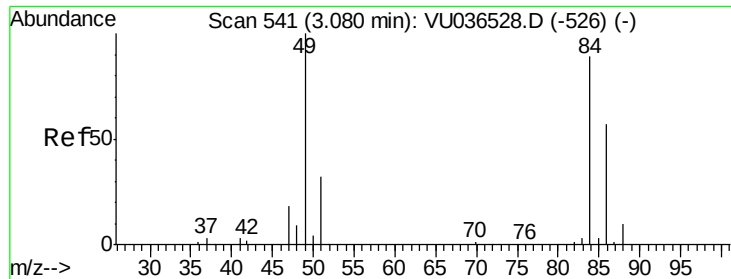
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#14
Carbon Disulfide
Concen: 2.058 ug/l
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 76 Resp: 64652
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





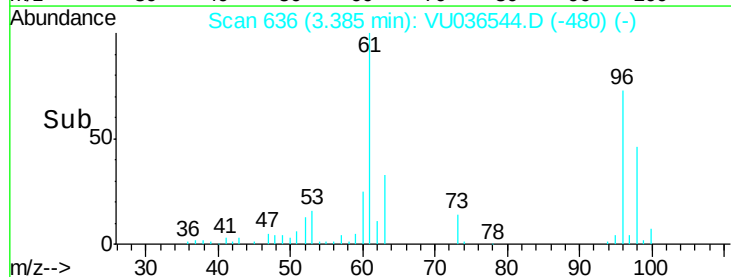
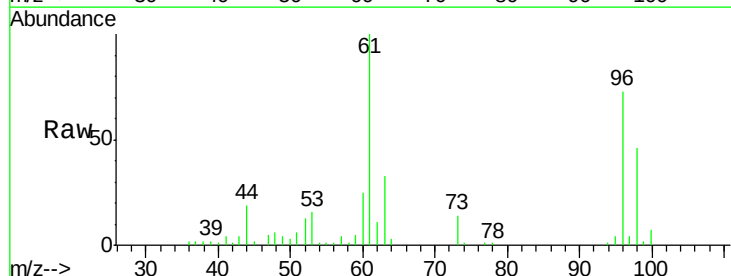
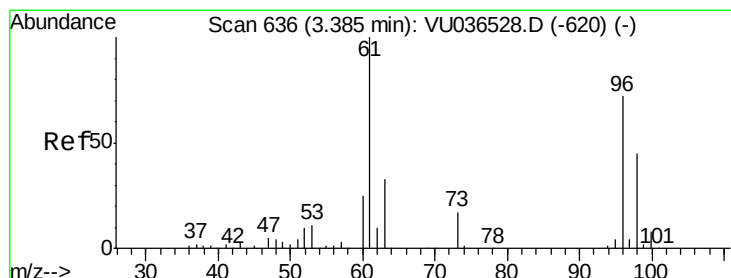
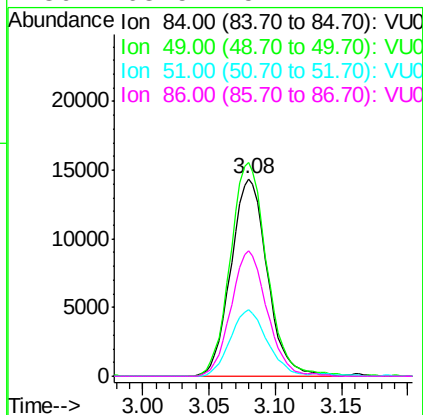
#15
Methvlene Chloride
Concen: 2.303 ug/l
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tot Ion	84	Resp	27517
Ion	Ratio	Lower	Upper
84	100		
49	108.0	89.7	134.5
51	33.8	0.0	71.6
86	63.5	51.4	77.2

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

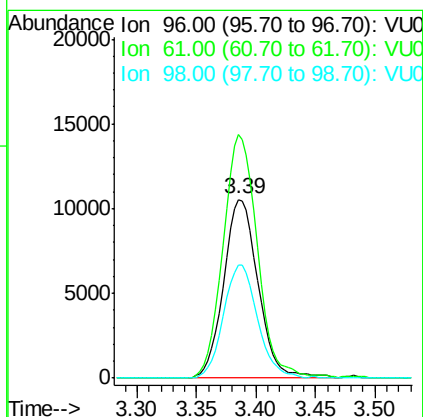
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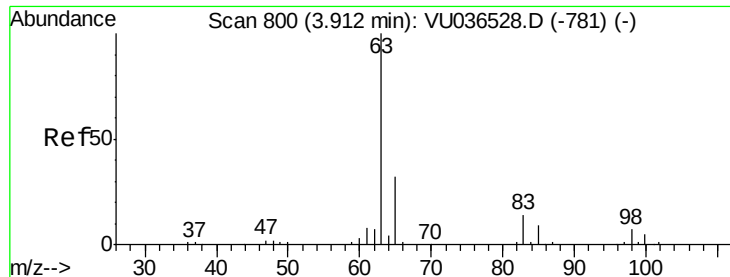
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#16
trans-1,2-Dichloroethene
Concen: 2.114 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	96	Resp	21159
Ion	Ratio	Lower	Upper
96	100		
61	136.5	110.8	166.2
98	63.1	50.3	75.5





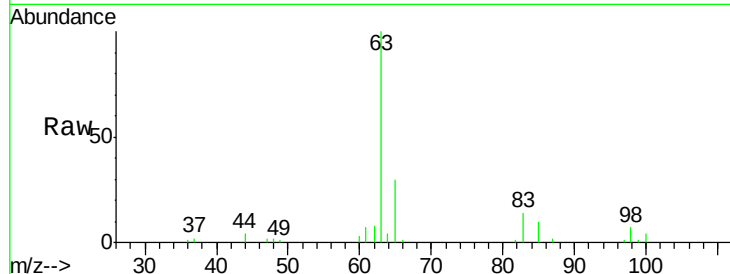
#17
 1,1-Dichloroethane
 Concen: 2.119 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBSD01

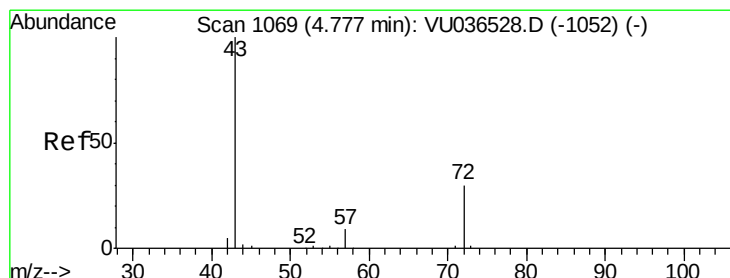
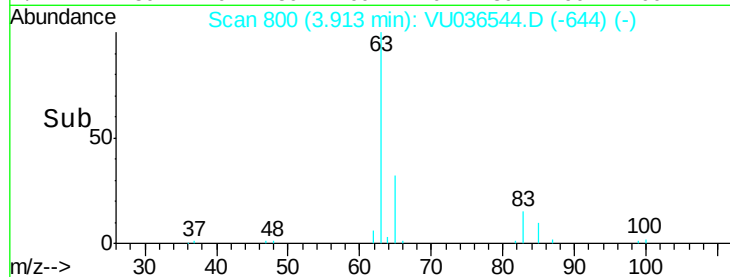
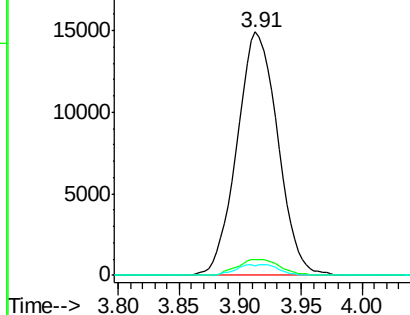
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.5
100	4.0	2.4	7.1

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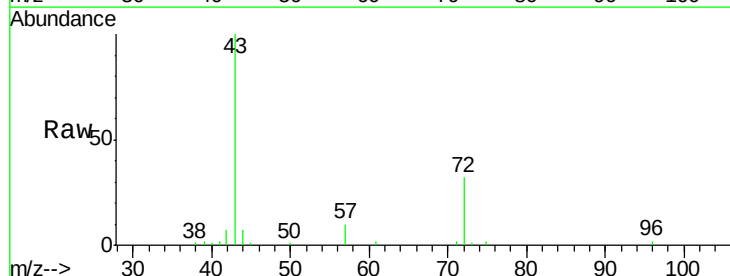


Abundance Ion 63.00 (62.70 to 63.70): VU036528.D (-781) (-)
 Ion 98.00 (97.70 to 98.70): VU036528.D (-781) (-)
 Ion 100.00 (99.70 to 100.70): VU036528.D (-781) (-)

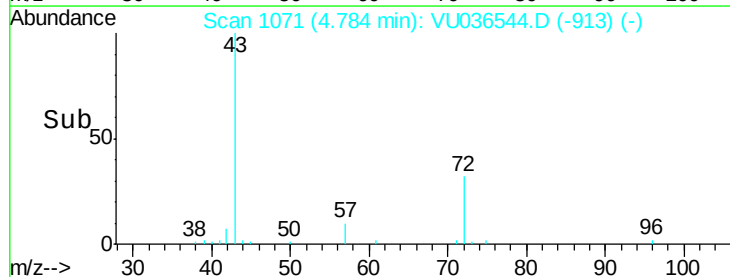
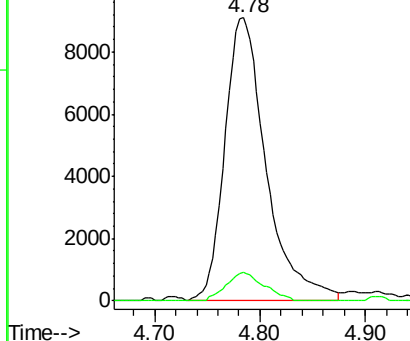


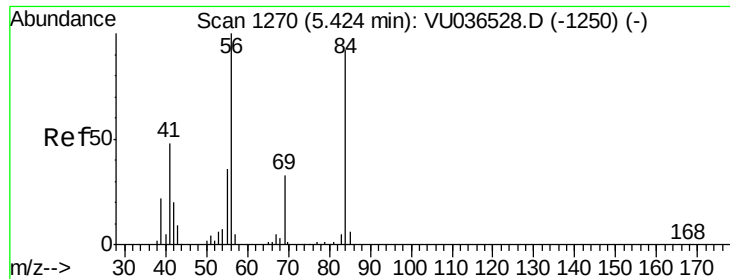
#18
 2-Butanone
 Concen: 10.393 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	10.1	0.0	17.8



Abundance Ion 43.00 (42.70 to 43.70): VU036528.D (-1052) (-)
 Ion 57.00 (56.70 to 57.70): VU036528.D (-1052) (-)





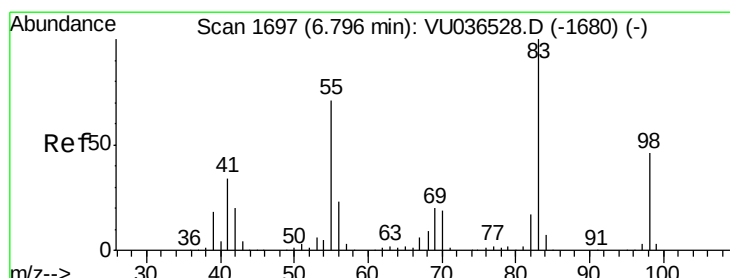
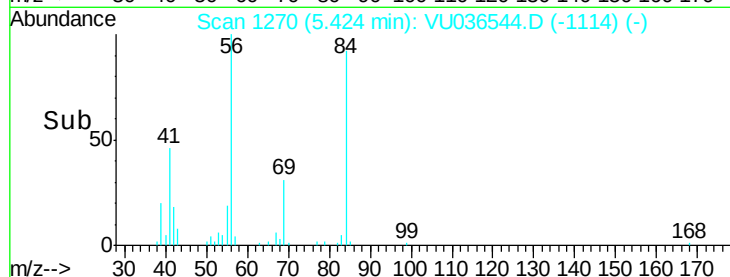
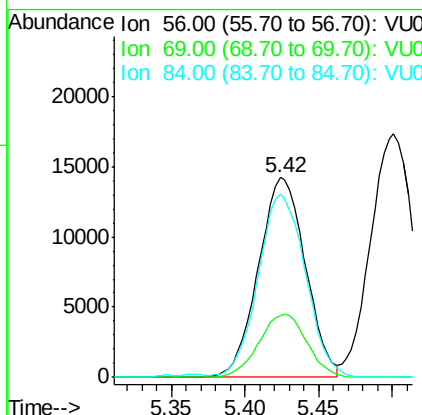
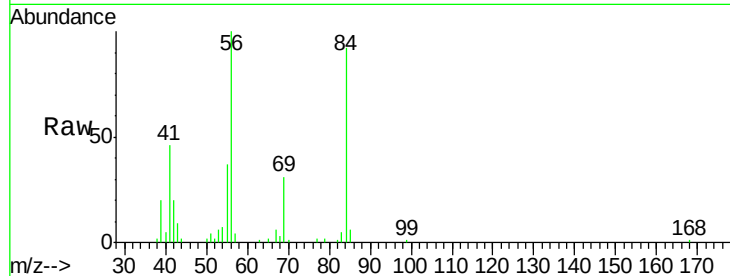
#19
Cyclohexane
Concen: 2.112 ug/l m
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.2	39.2
84	91.4	72.8	109.2

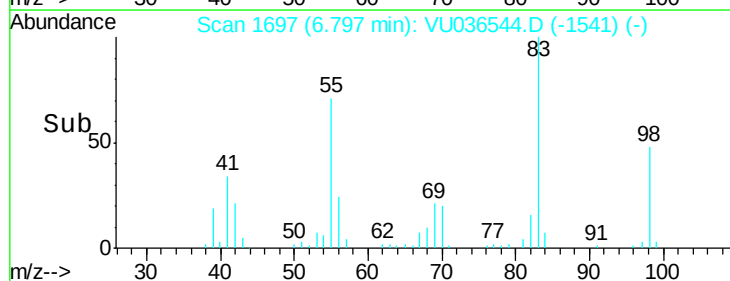
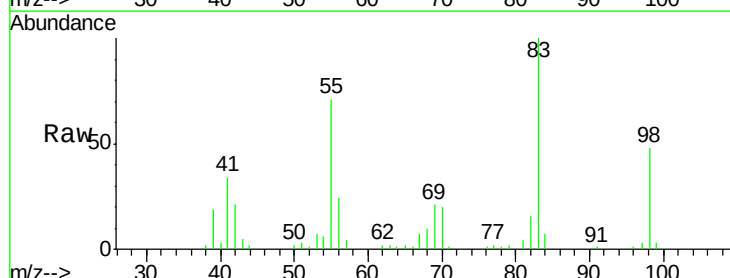
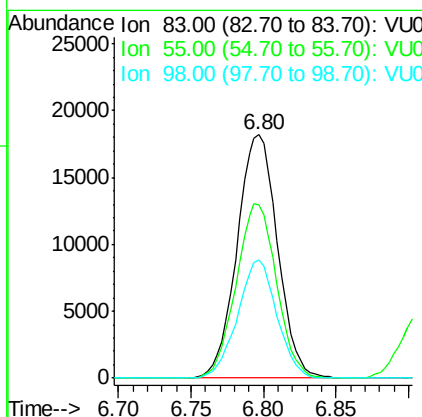
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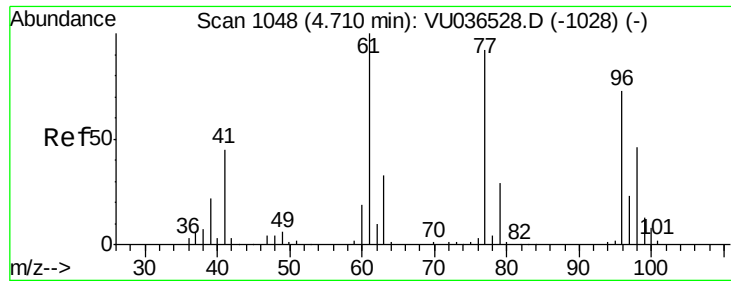
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#20
Methylcyclohexane
Concen: 2.125 ug/l
RT: 6.80 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.3	56.6	85.0
98	46.8	37.5	56.3





#21

2,2-Dichloropropane

Concen: 2.174 ug/l

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion: 77 Resp: 30274

Ion Ratio Lower Upper

77 100

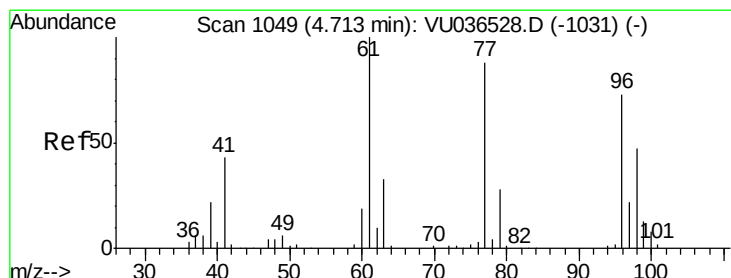
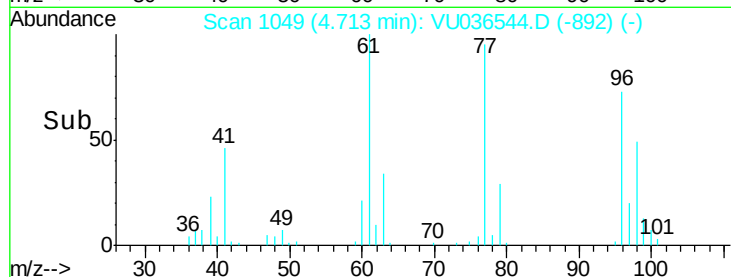
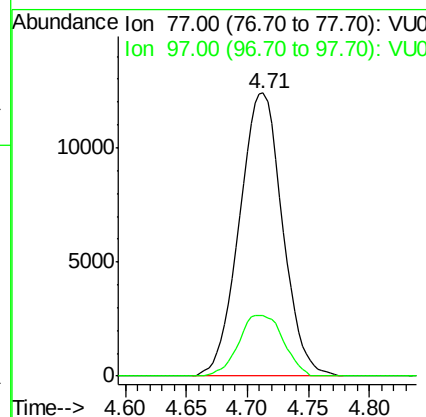
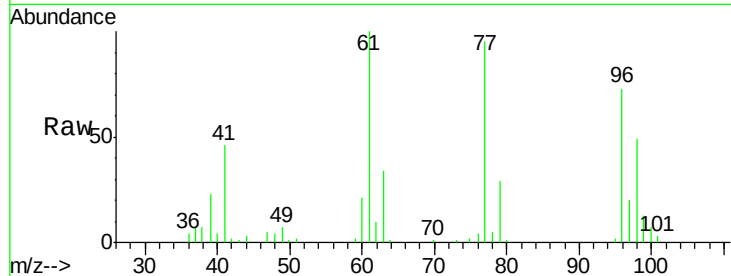
97 22.3 19.0 28.4

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#22

cis-1,2-Dichloroethene

Concen: 2.094 ug/l

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

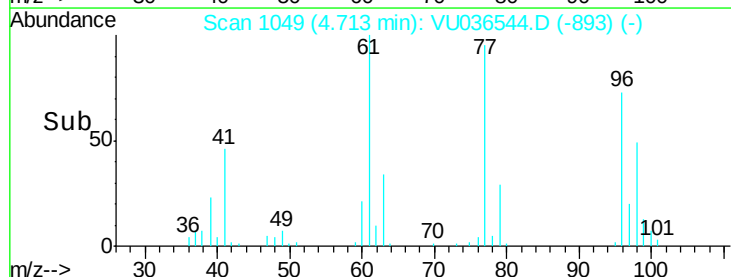
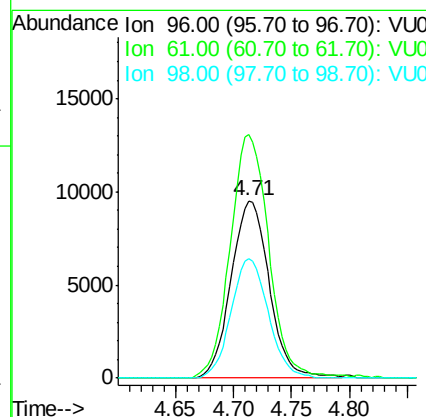
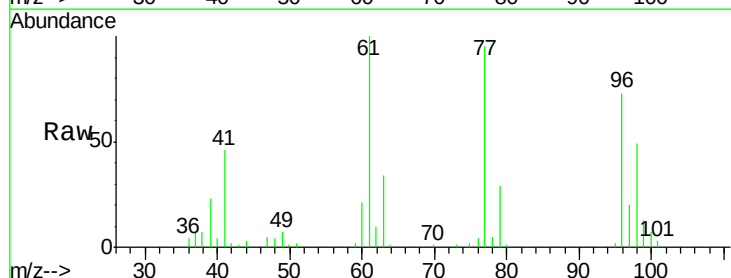
Tgt Ion: 96 Resp: 21738

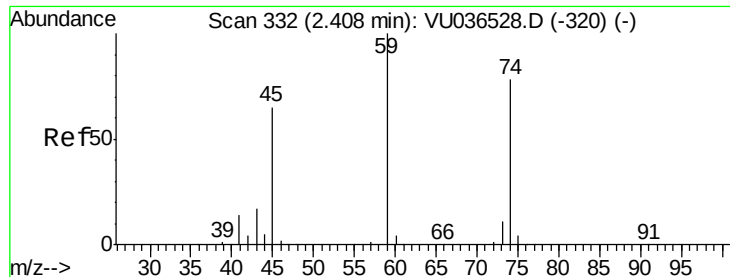
Ion Ratio Lower Upper

96 100

61 138.1 0.0 342.0

98 65.6 32.0 96.0





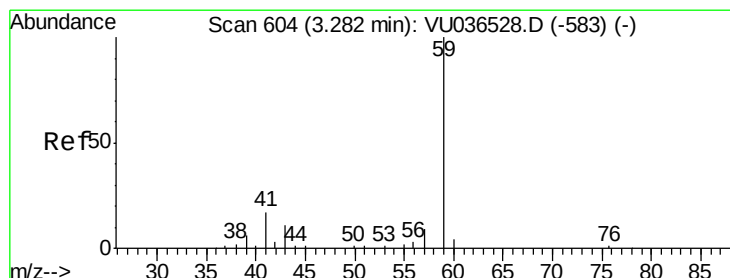
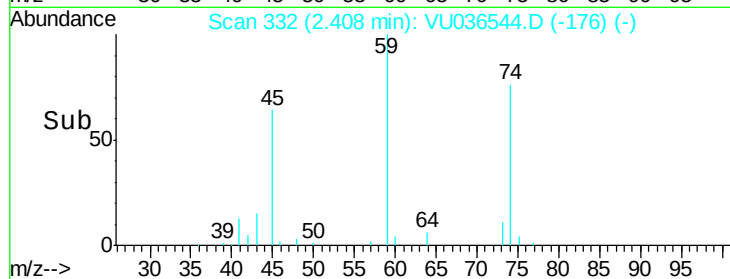
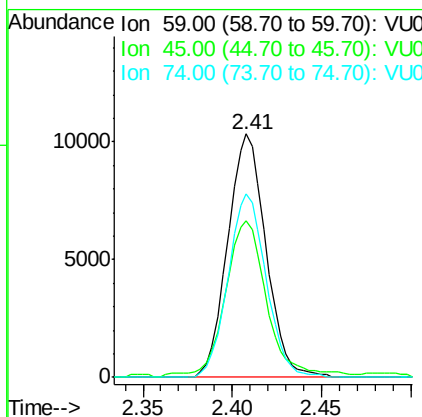
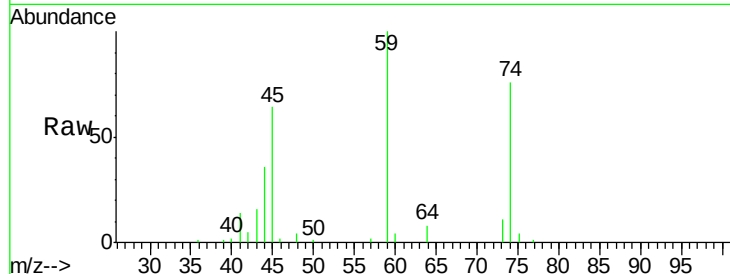
#23
Diethyl Ether
Concen: 2.187 ug/l
RT: 2.41 min Scan# 332
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
45	70.8	52.4	78.6
74	75.1	62.1	93.1

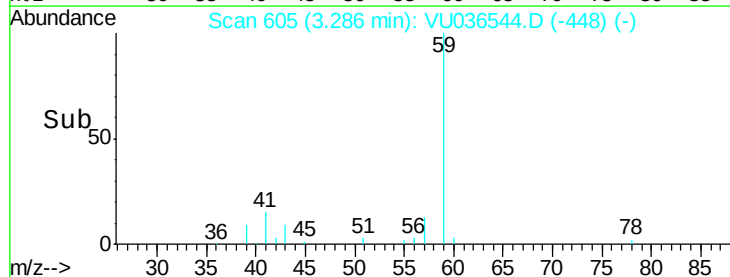
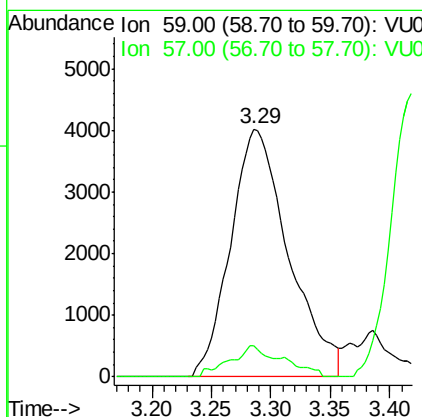
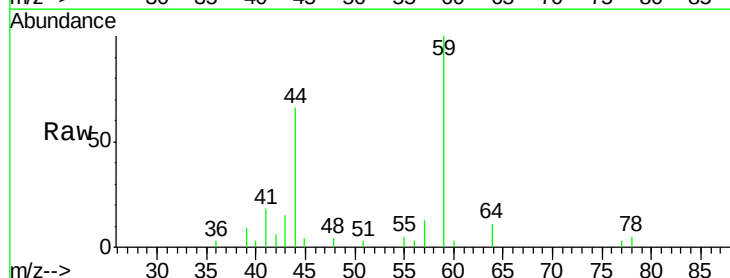
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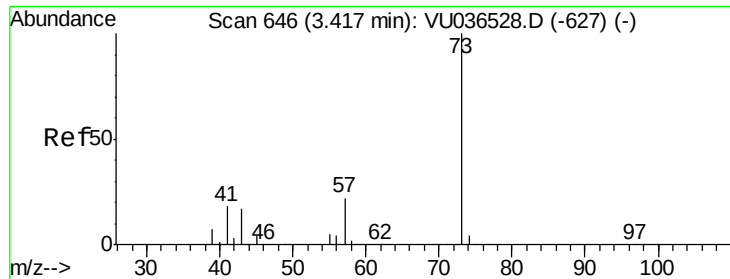
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#24
tert-Butyl Alcohol
Concen: 21.646 ug/l
RT: 3.29 min Scan# 605
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.4	12.6





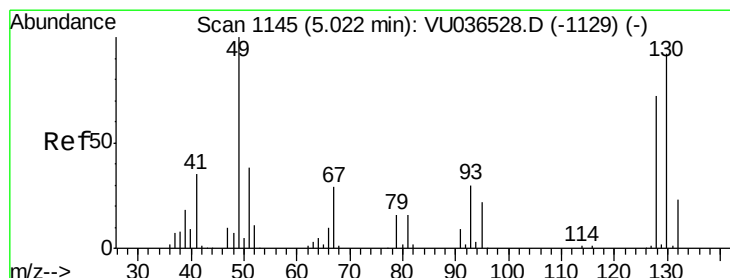
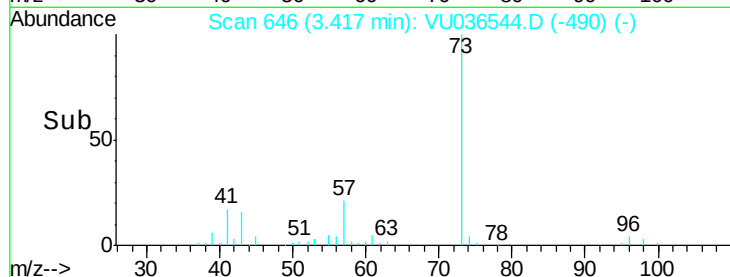
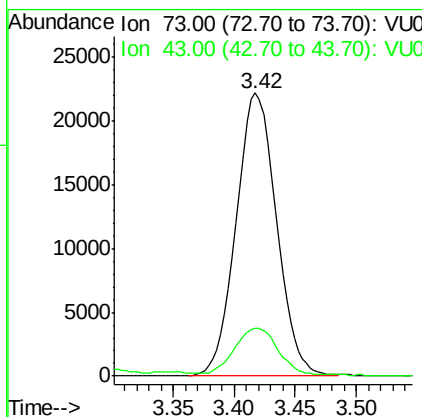
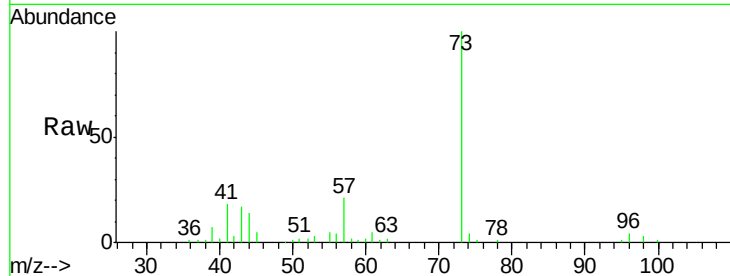
#25
Methyl tert-Butyl Ether
Concen: 2.148 ug/l
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion: 73 Resp: 51058
Ion Ratio Lower Upper
73 100
43 17.4 14.5 21.7

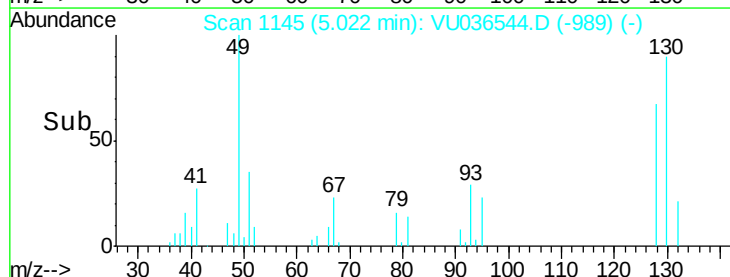
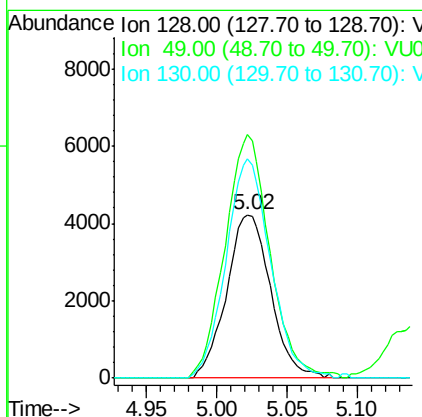
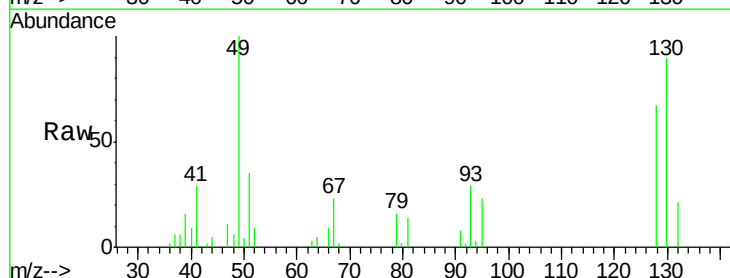
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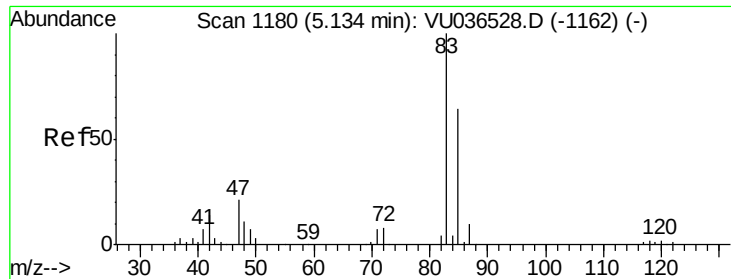
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#26
Bromochloromethane
Concen: 2.052 ug/l
RT: 5.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 128 Resp: 9227
Ion Ratio Lower Upper
128 100
49 150.9 0.0 286.2
130 135.7 104.3 156.5





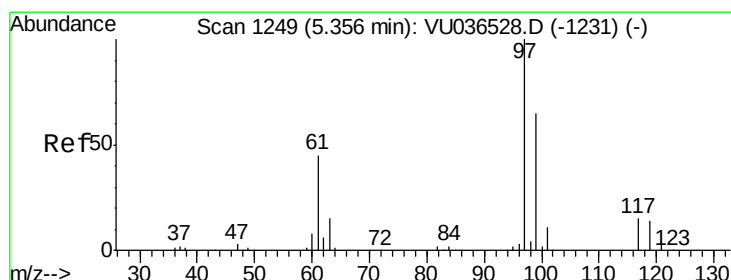
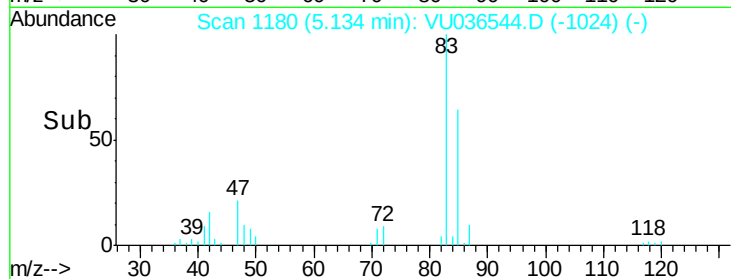
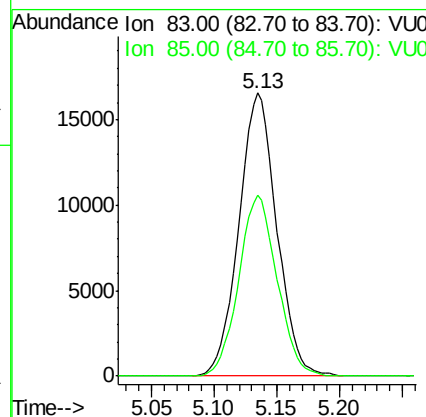
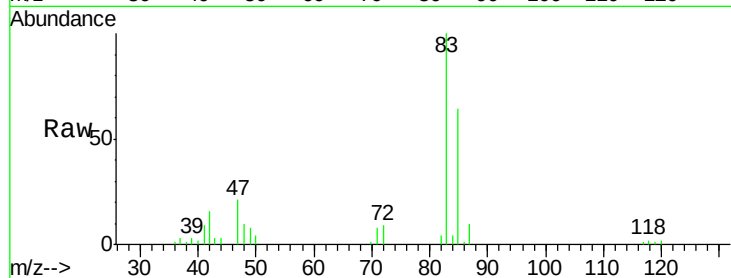
#27
Chloroform
Concen: 2.149 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampled :
VU0123WBSD01

Tot Ion	83	Resp	34659
Ion Ratio	100	Lower	Upper
85	64.1	0.0	129.0

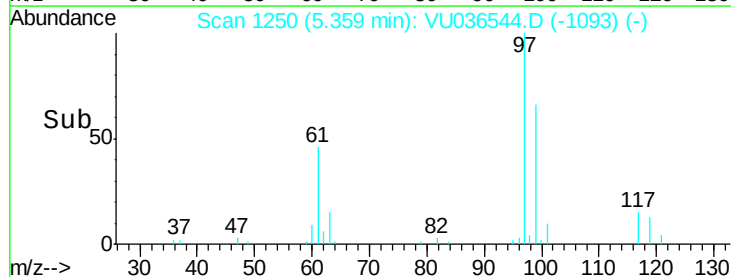
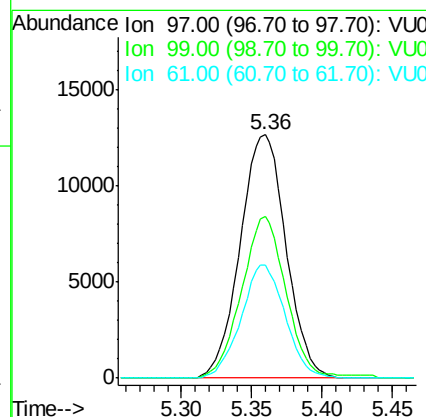
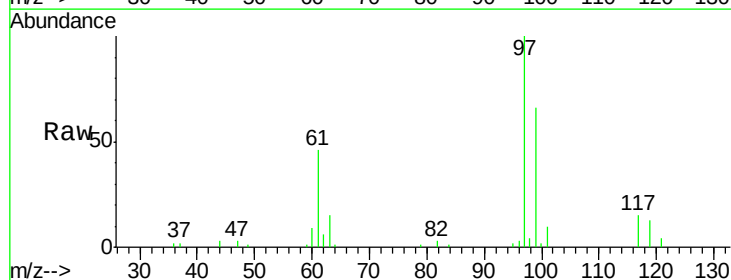
Manual Integrations
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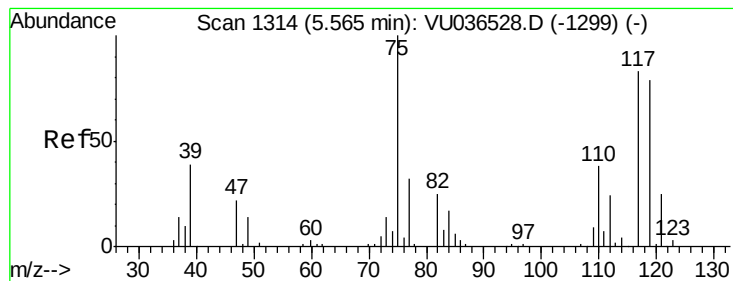
apatel
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#28
1,1,1-Trichloroethane
Concen: 2.124 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	97	Resp	28731
Ion Ratio	100	Lower	Upper
99	64.7	32.1	96.3
61	44.8	22.7	68.0





#29

1,1-Dichloropropene

Concen: 2.144 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

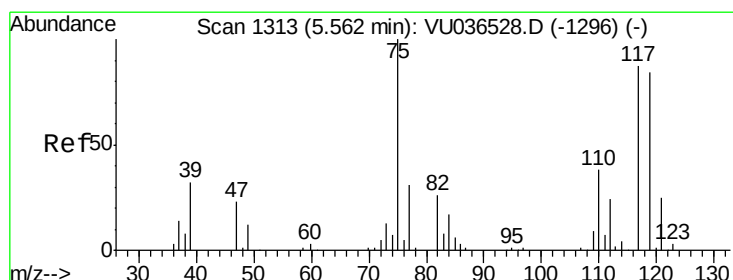
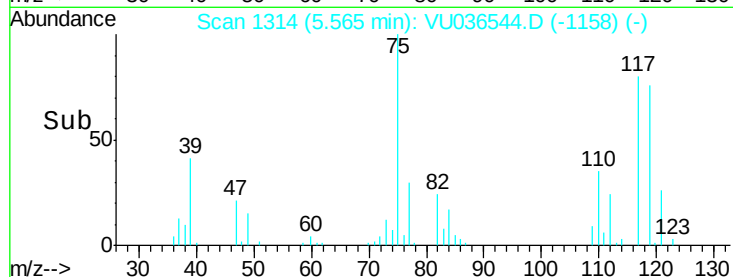
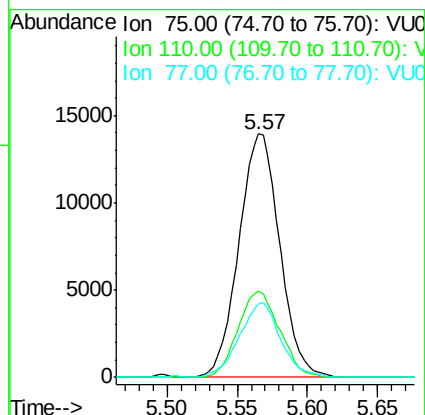
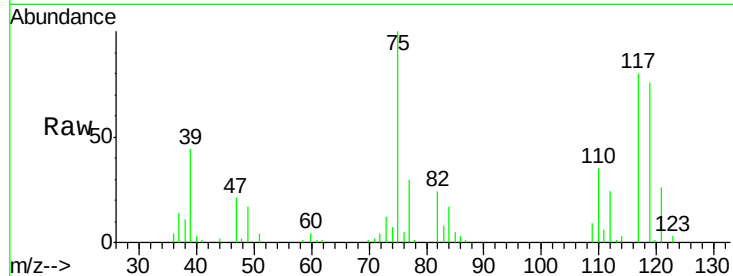
ClientSampleId :

VU0123WBSD01

Tot Ion:	75	Resp:	28306
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.6	55.8
77	30.9	25.0	37.4

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 2.104 ug/l

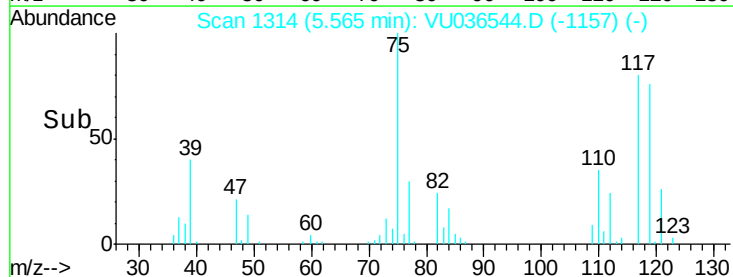
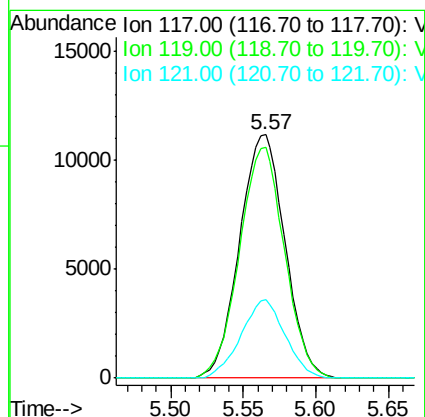
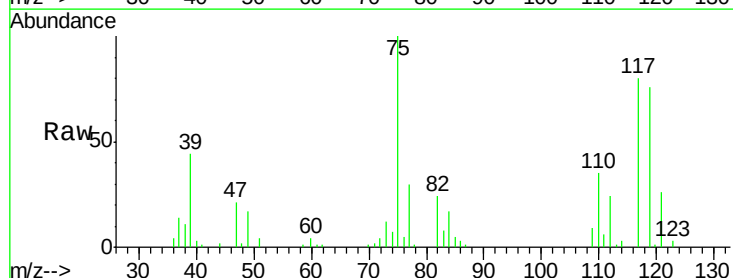
RT: 5.57 min Scan# 1314

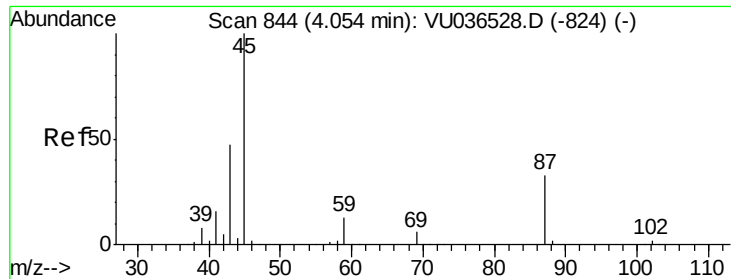
Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Tgt Ion:	117	Resp:	24366
Ion Ratio	Lower	Upper	
117	100		
119	95.0	77.0	115.6
121	32.0	23.3	34.9





#31

Isopropyl Ether

Concen: 2.132 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036544.D

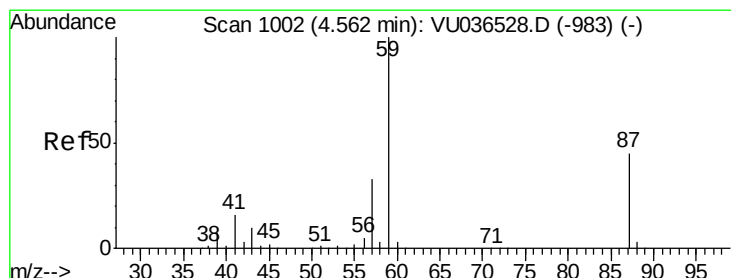
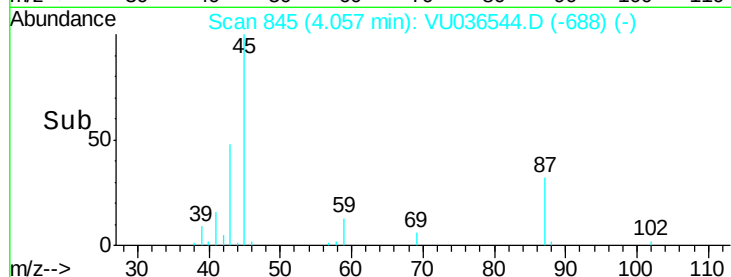
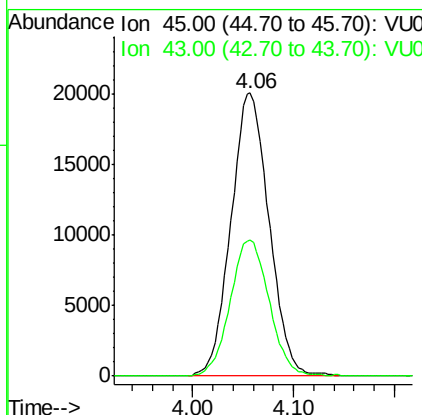
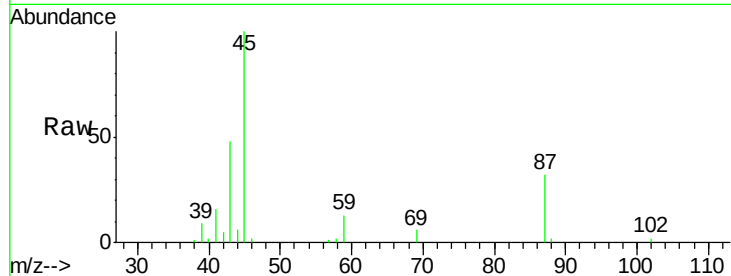
Acq: 23 Jan 2020 17:29

Tot Ion	Ratio	Lower	Upper
45	100		
43	49.1	24.0	72.0

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

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#32

Ethyl-t-butyl ether

Concen: 2.147 ug/l

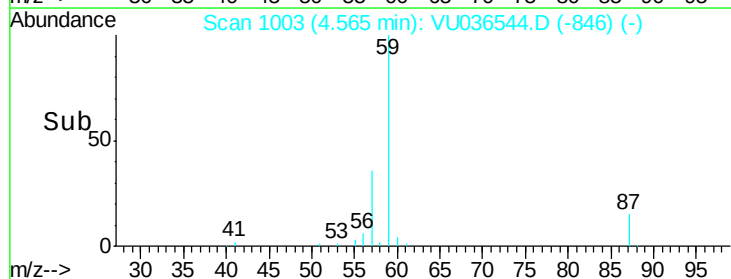
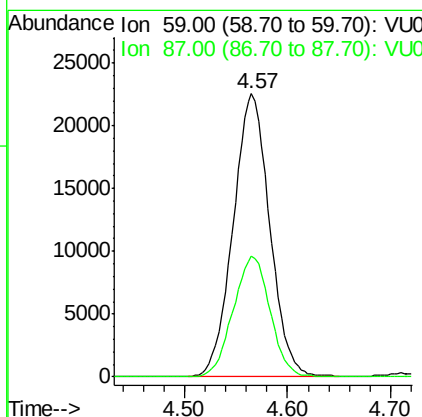
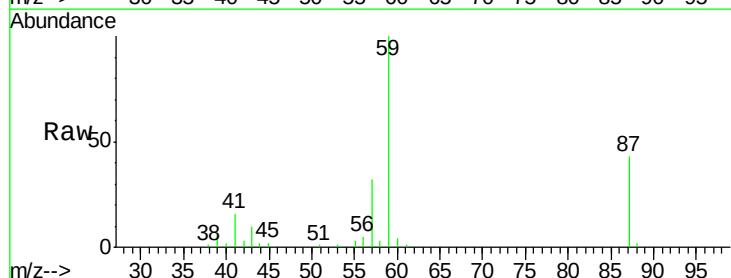
RT: 4.57 min Scan# 1003

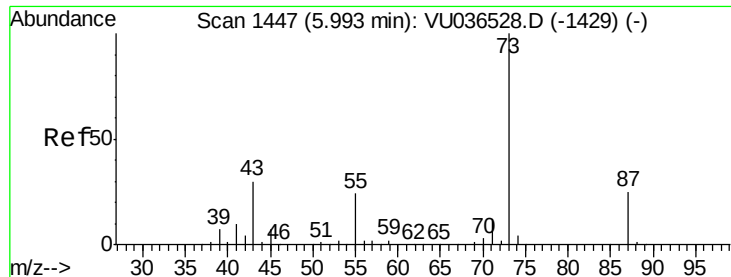
Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
59	100		
87	42.8	35.1	52.7





#33

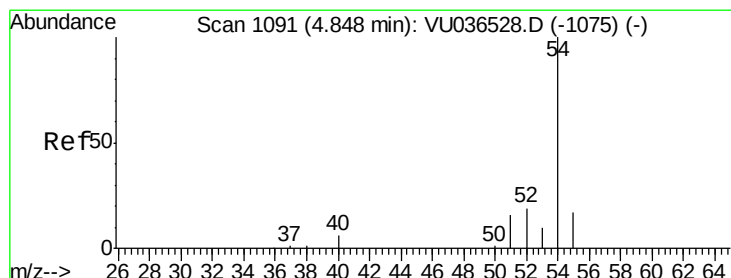
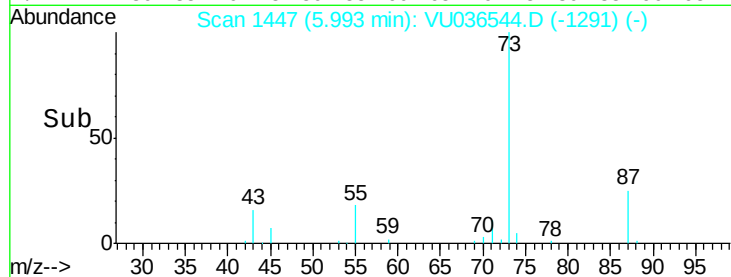
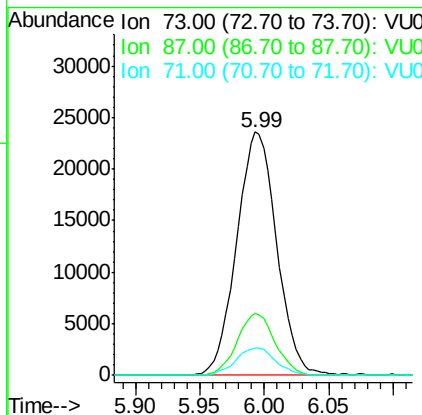
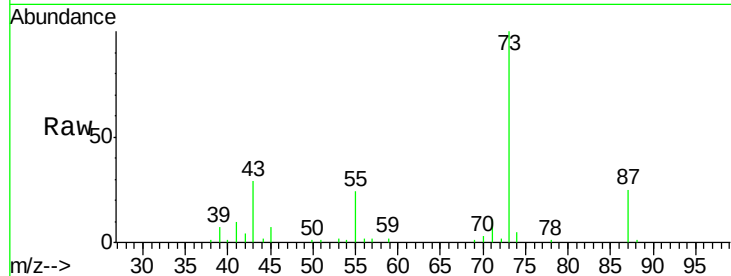
Tert-Butyl methyl ether
 Concen: 2.146 ug/l
 RT: 5.99 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.9	19.8	29.6
71	11.1	9.1	13.7

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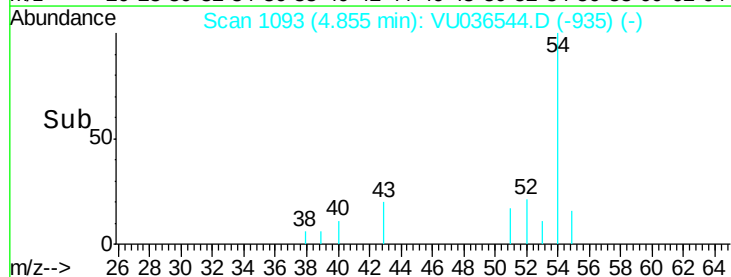
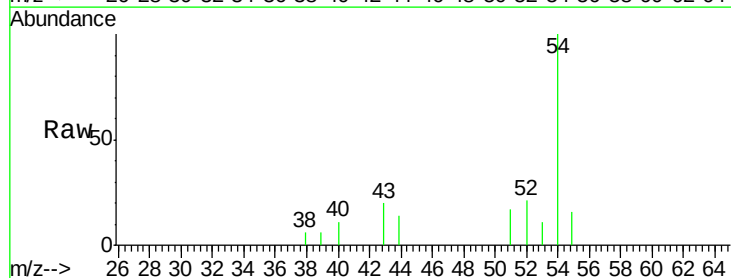
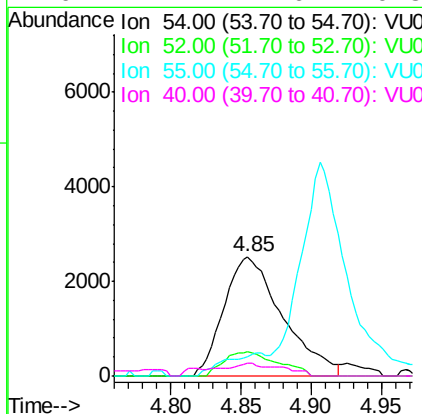
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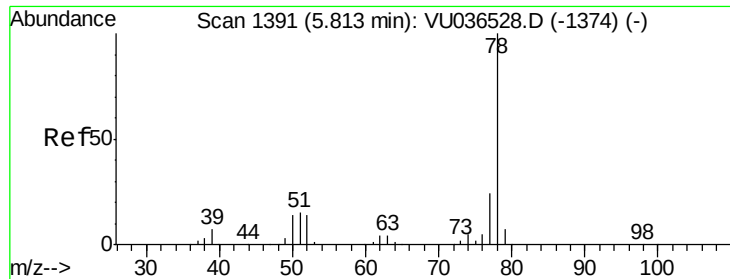


#34

Propionitrile
 Concen: 10.603 ug/l
 RT: 4.85 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.7	15.2	22.8
55	14.4	9.5	14.3#
40	1.7	4.6	6.8#





#35

Benzene

Concen: 2.113 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion: 78 Resp: 80789

Ion Ratio Lower Upper

78 100

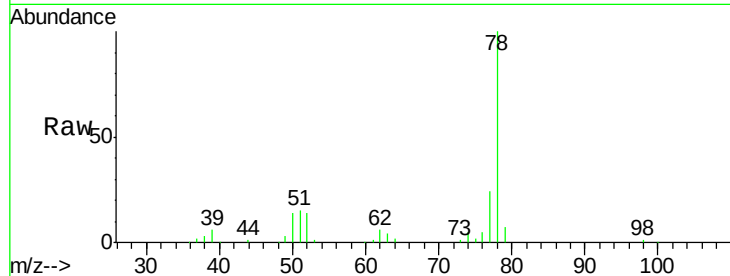
77 23.8 19.4 29.0

Manual Integrations

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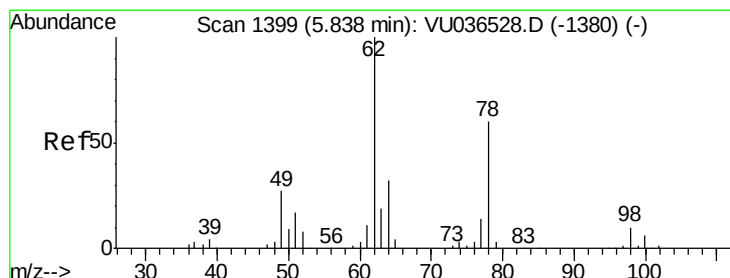
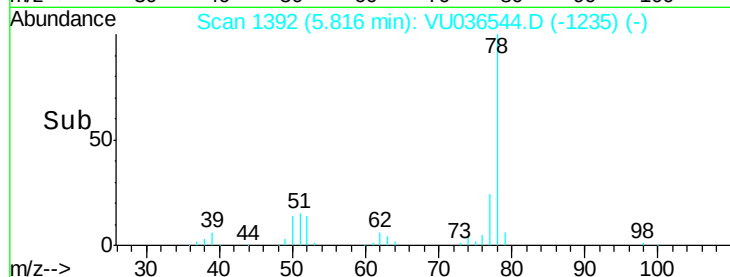
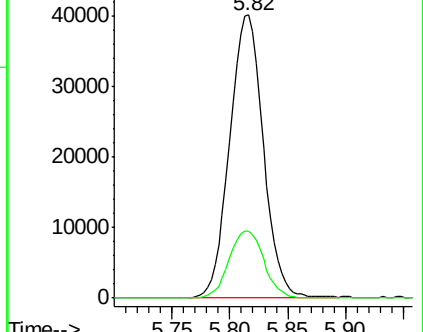
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Abundance Ion 78.10 (77.80 to 78.80): VU036528.D (-1374) (-)

Ion 77.00 (76.70 to 77.70): VU036528.D (-1374) (-)



#36

1,2-Dichloroethane

Concen: 2.178 ug/l

RT: 5.84 min Scan# 1399

Delta R.T. 0.00 min

Lab File: VU036544.D

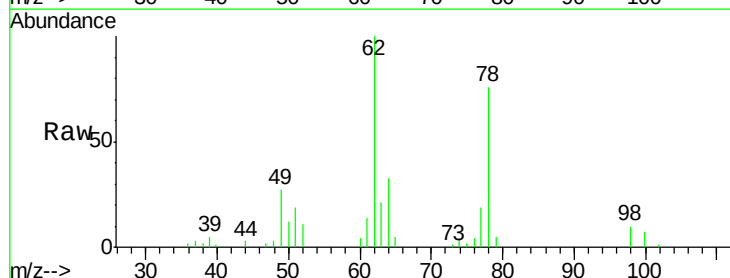
Acq: 23 Jan 2020 17:29

Tgt Ion: 62 Resp: 22415

Ion Ratio Lower Upper

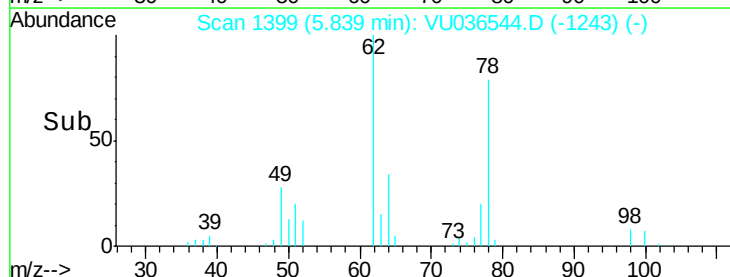
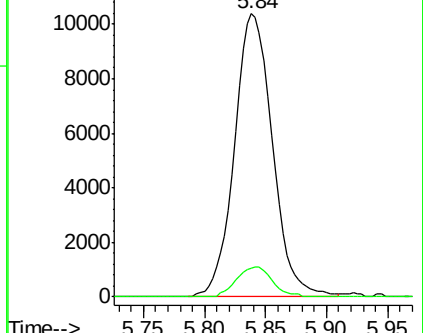
62 100

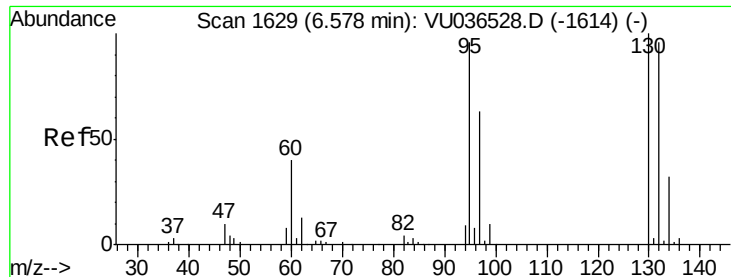
98 9.9 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU036528.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU036528.D (-1380) (-)





#37

Trichloroethene

Concen: 2.097 ug/l

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampled :

VU0123WBSD01

Tot Ion:130 Resp: 22132

Ion Ratio Lower Upper

130 100

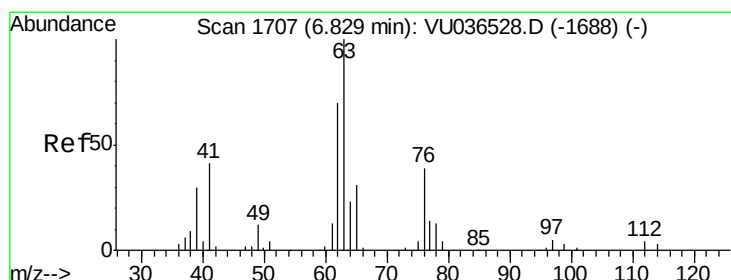
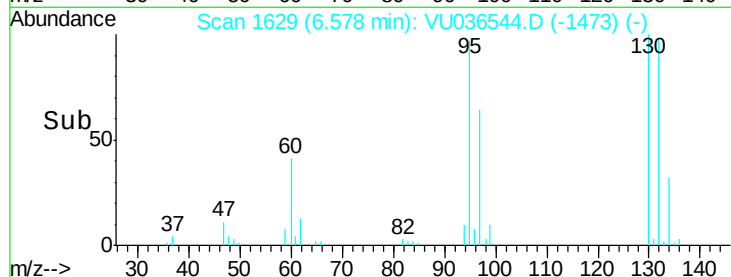
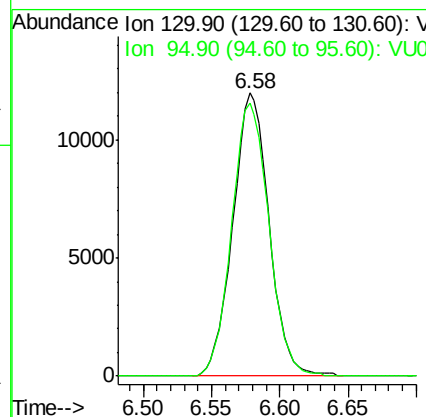
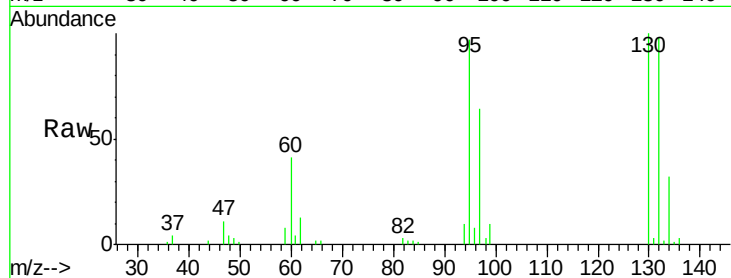
95 96.7 77.0 115.4

Manual Integrations

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#38

1,2-Dichloropropane

Concen: 2.133 ug/l

RT: 6.83 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VU036544.D

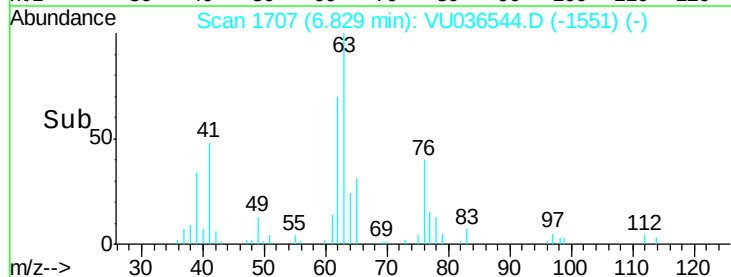
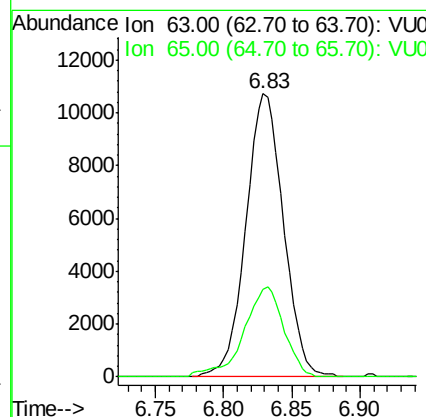
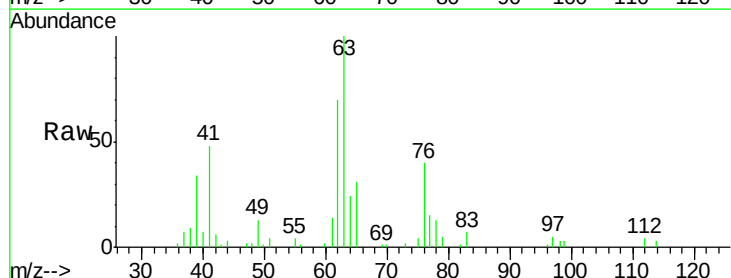
Acq: 23 Jan 2020 17:29

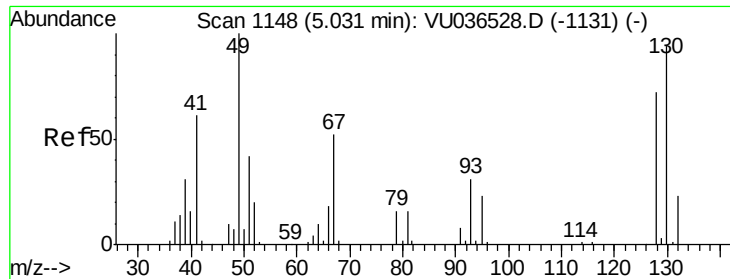
Tgt Ion: 63 Resp: 20506

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1





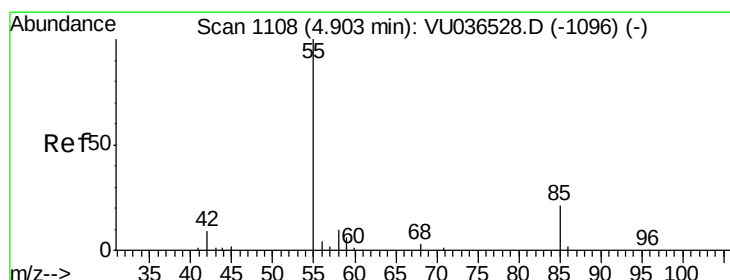
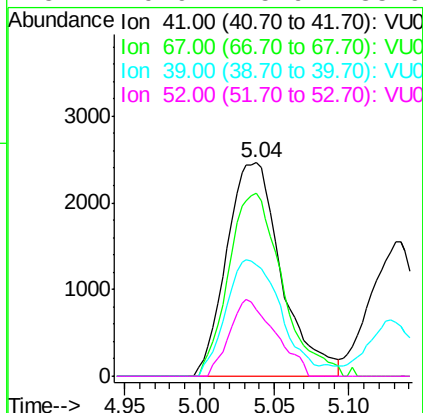
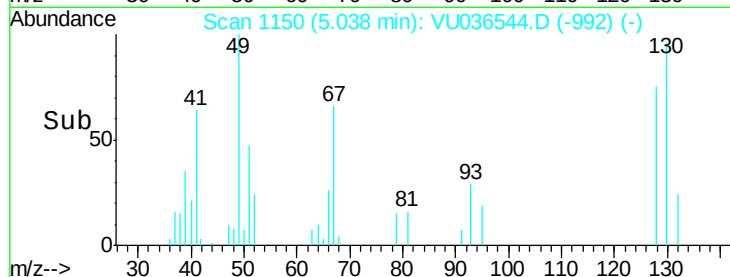
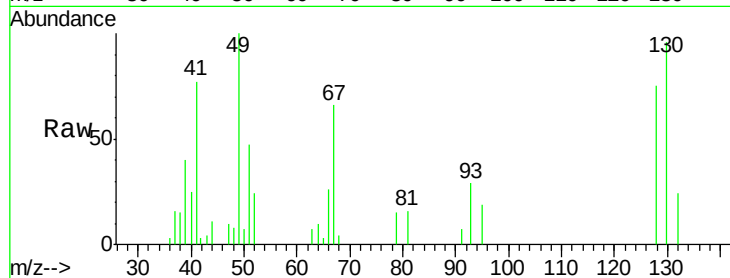
#39
Methacrylonitrile
Concen: 2.173 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. 0.01 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion:	41	Resp:	6288
Ion	Ratio	Lower	Upper
41	100		
67	83.4	69.6	104.4
39	54.3	41.6	62.4
52	29.9	25.9	38.9

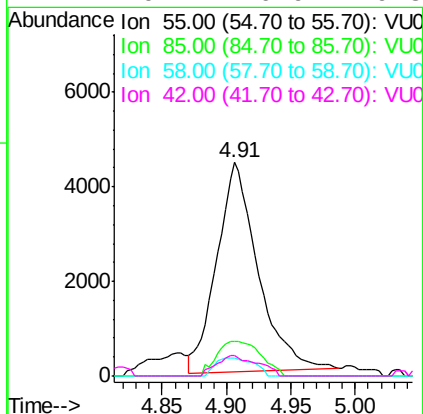
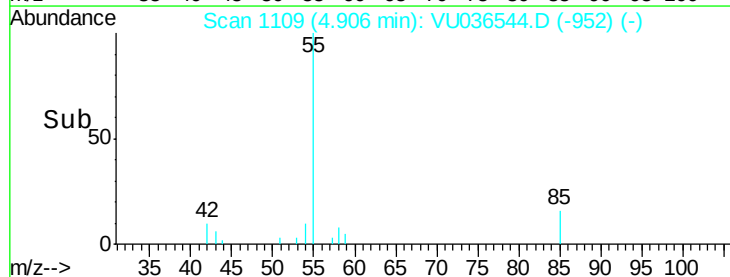
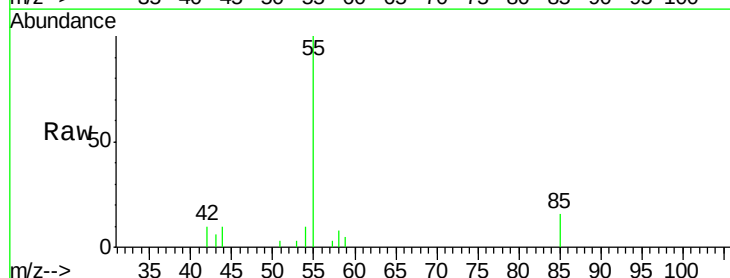
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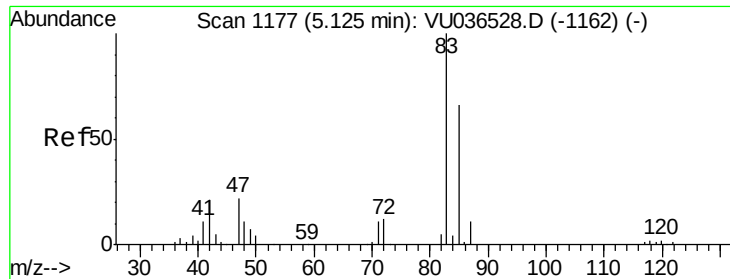
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#40
Methyl acrylate
Concen: 2.143 ug/l
RT: 4.91 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion:	55	Resp:	9830
Ion	Ratio	Lower	Upper
55	100		
85	17.8	14.7	22.1
58	8.0	7.1	10.7
42	9.7	6.9	10.3





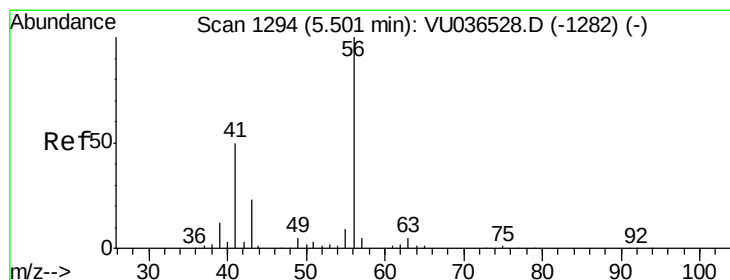
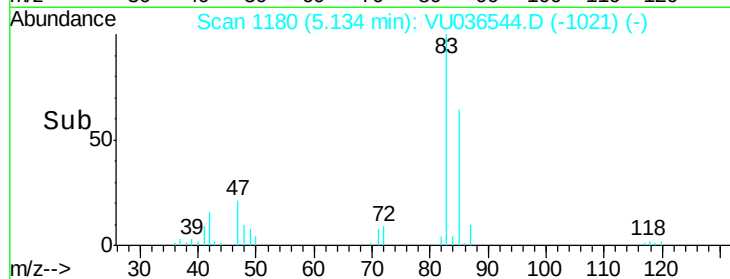
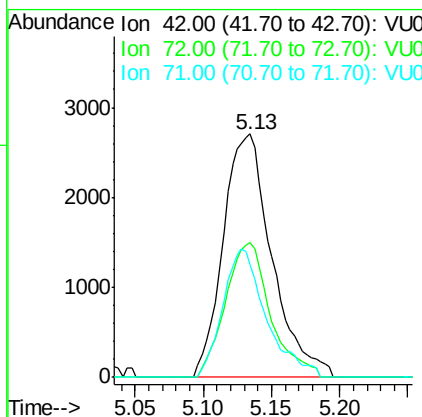
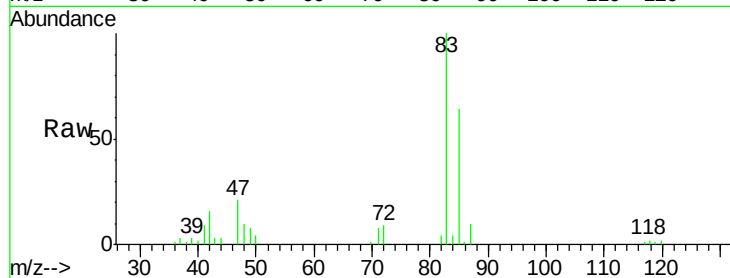
#41
Tetrahydrofuran
Concen: 4.248 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	42.5	63.7
71	47.1	37.3	55.9

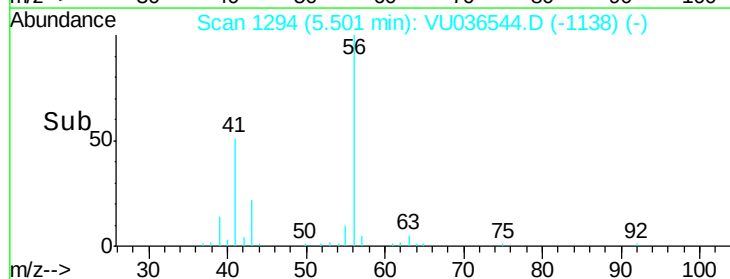
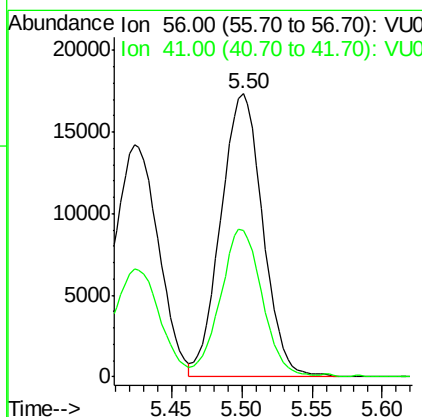
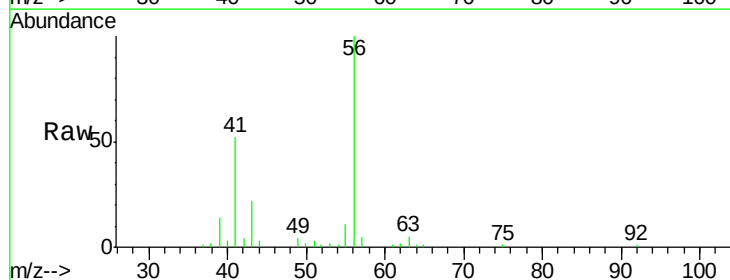
Manual Integrations
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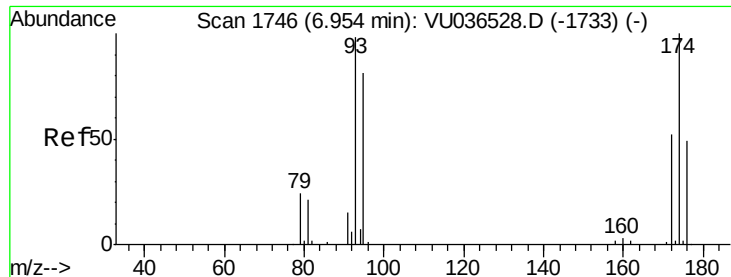
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#42
1-Chlorobutane
Concen: 2.107 ug/l
RT: 5.50 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
56	100		
41	50.6	24.8	74.3





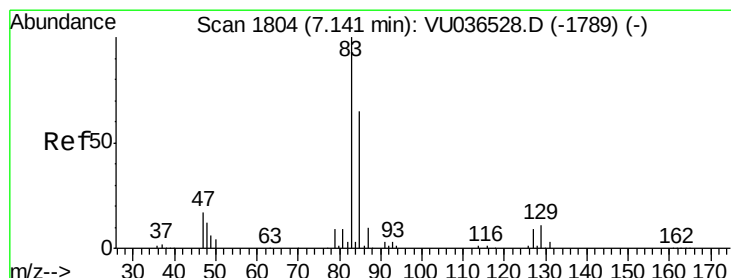
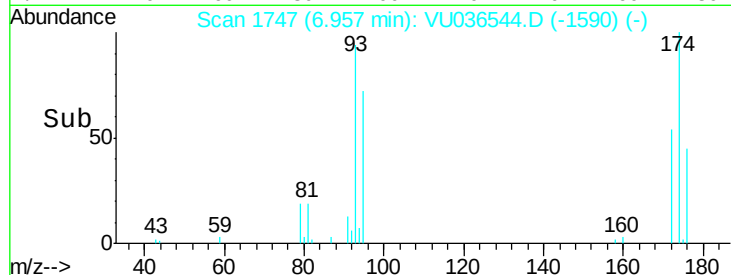
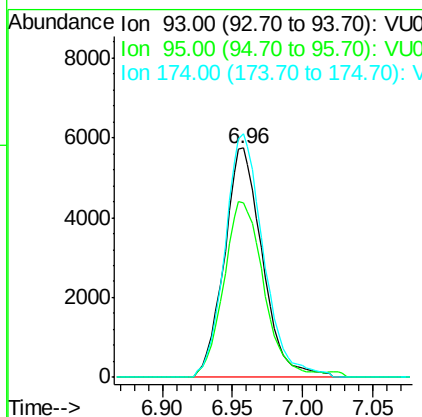
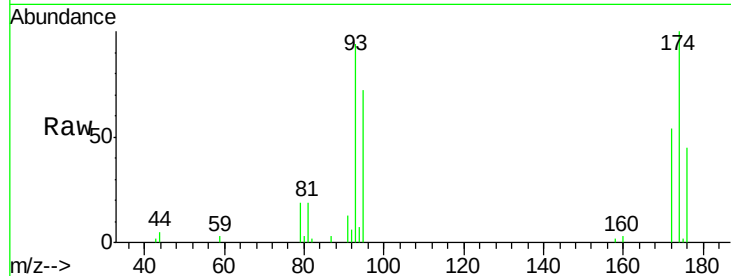
#43
 Dibromomethane
 Concen: 2.159 ug/l
 RT: 6.96 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
93	100		
95	80.6	67.9	101.9
174	107.4	83.4	125.0

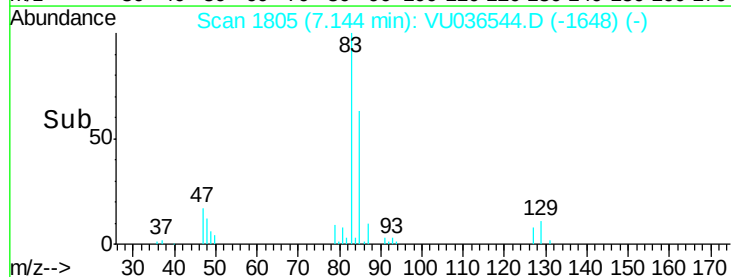
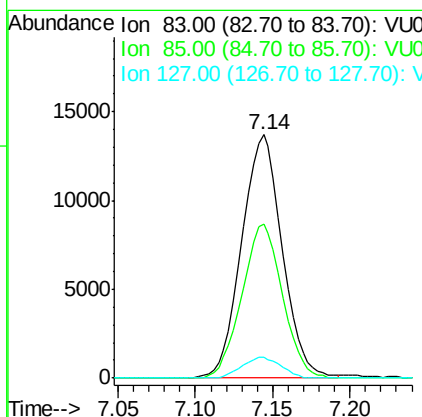
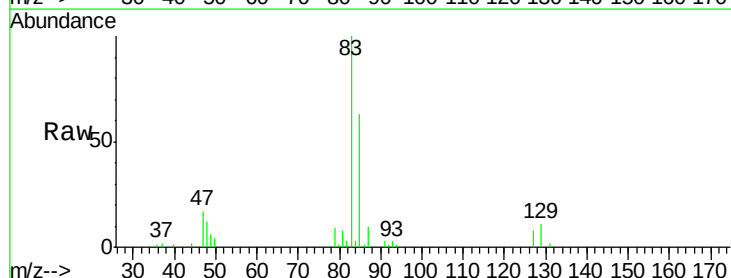
Manual Integrations
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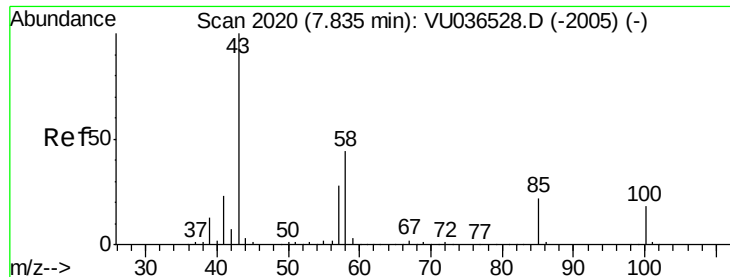
apatel
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#44
 Bromodichloromethane
 Concen: 2.107 ug/l
 RT: 7.14 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6
127	8.4	6.8	10.2





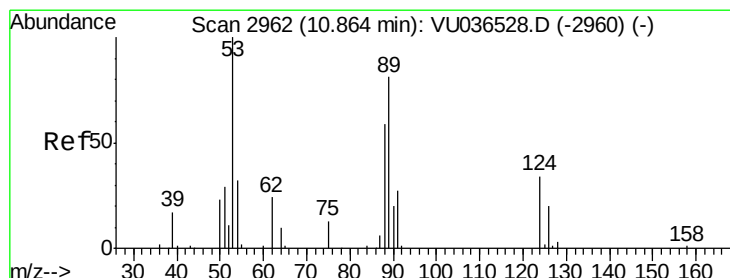
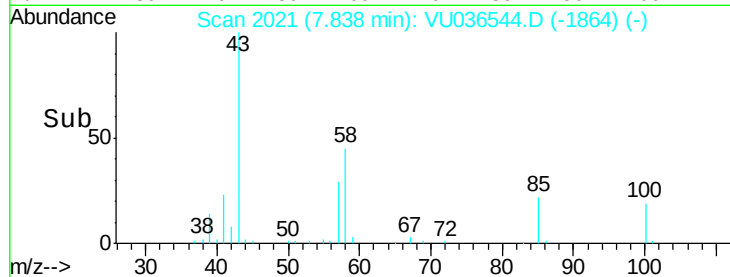
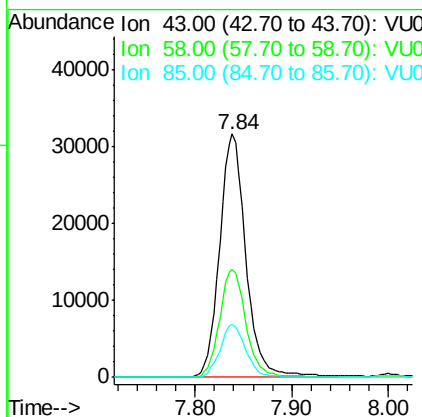
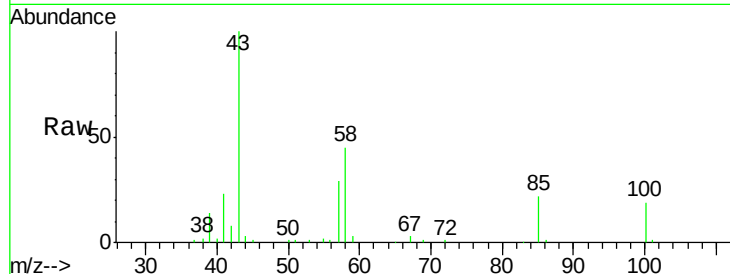
#45
4-Methyl-2-Pentanone
Concen: 10.554 ug/l
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.1	22.1	66.1
85	21.3	17.4	26.0

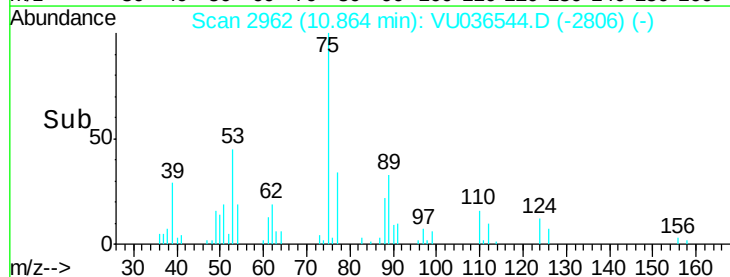
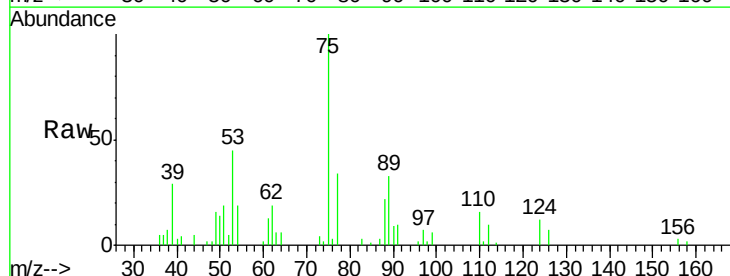
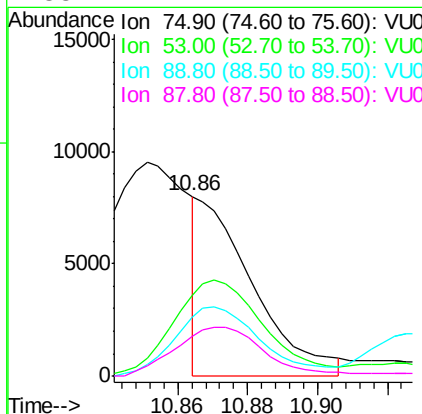
Manual Integrations
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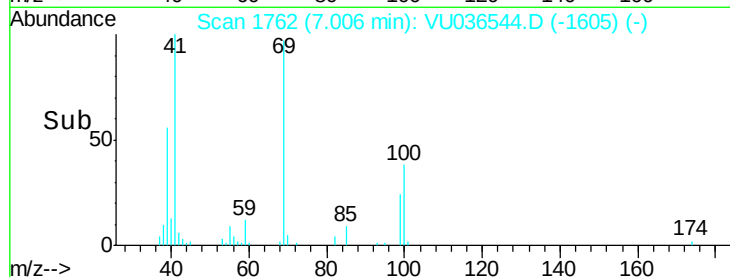
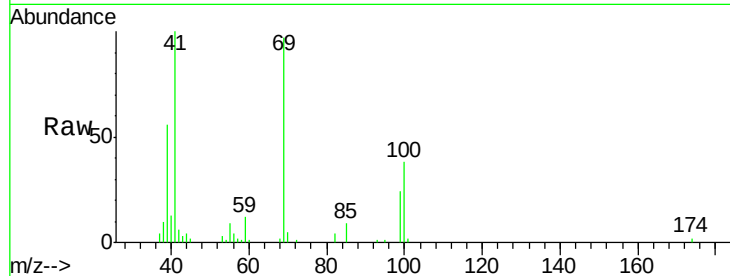
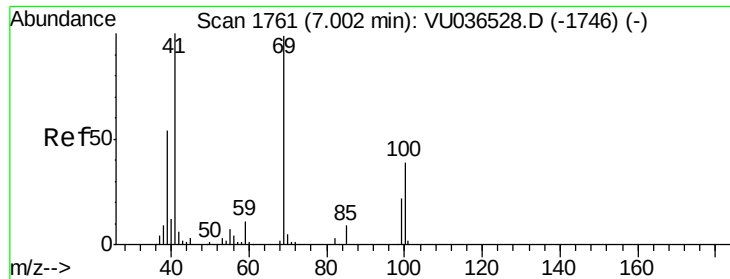
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#46
t-1,4-Dichloro-2-butene
Concen: 3.468 ug/l m
RT: 10.86 min Scan# 2962
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.8	52.2	78.2#
89	60.9	39.8	59.6#
88	44.4	27.4	41.2#





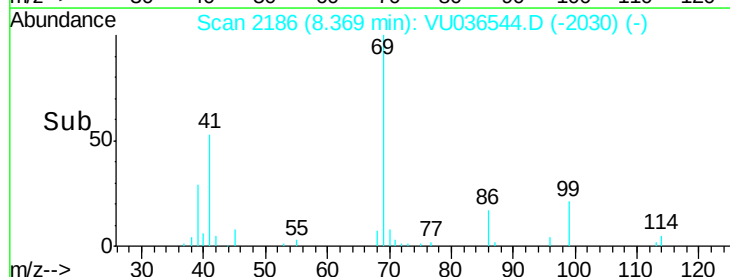
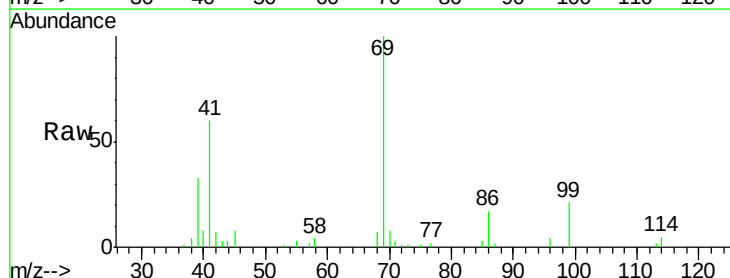
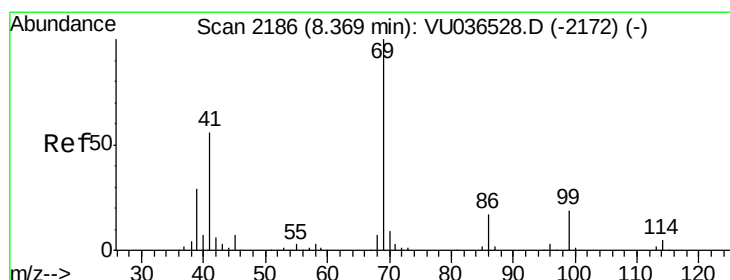
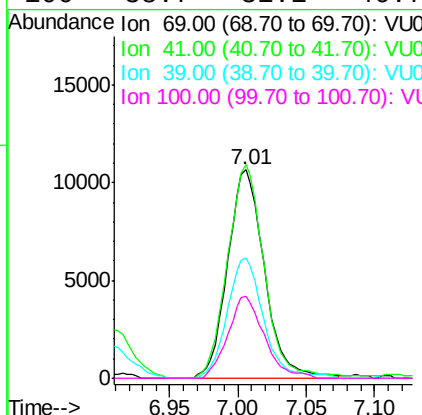
#47
Methyl methacrylate
Concen: 4.069 ug/l
RT: 7.01 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		20003		
41	101.2	0.0	200.8		
39	56.9	43.5	65.3		
100	38.7	31.1	46.7		

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

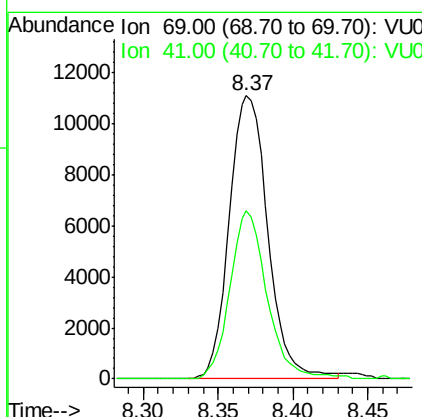
Manual Integrations
APPROVED

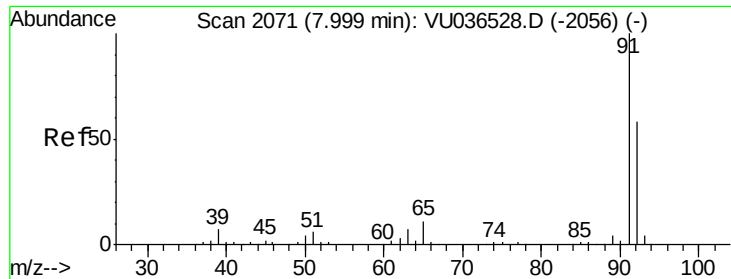
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#48
Ethyl methacrylate
Concen: 2.104 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		19980		
41	56.9	27.9	83.6		





#49

Toluene

Concen: 2.092 ug/l

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion: 92 Resp: 51047

Ion Ratio Lower Upper

92 100

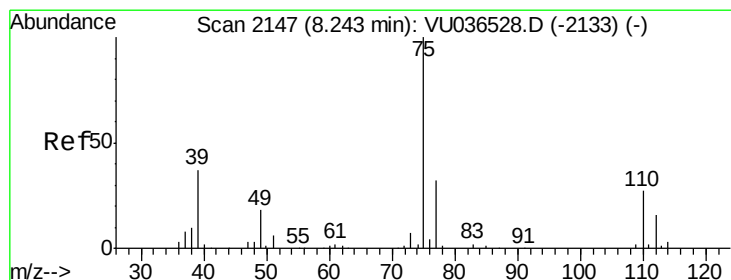
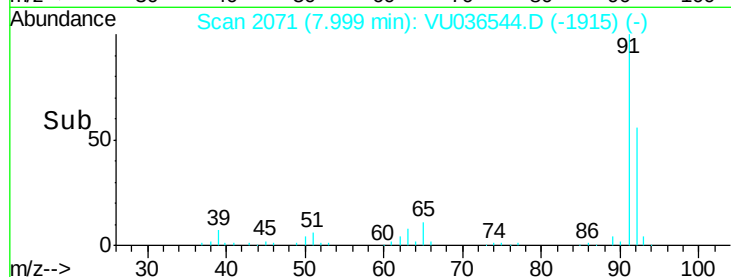
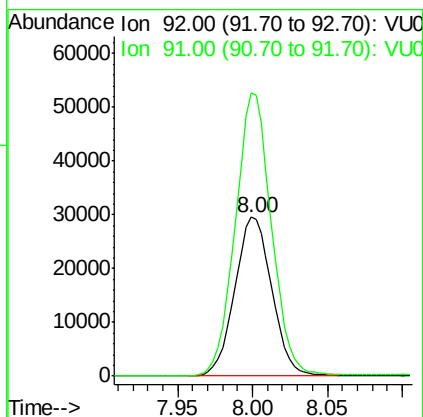
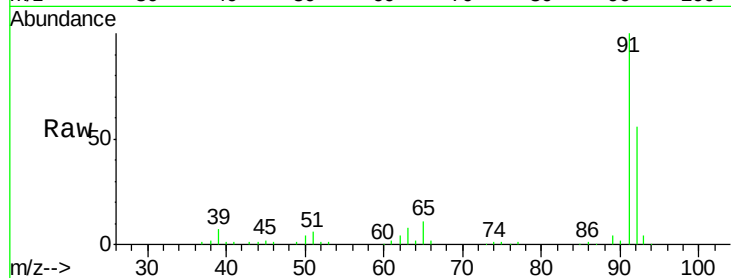
91 174.9 139.1 208.7

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 2.080 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VU036544.D

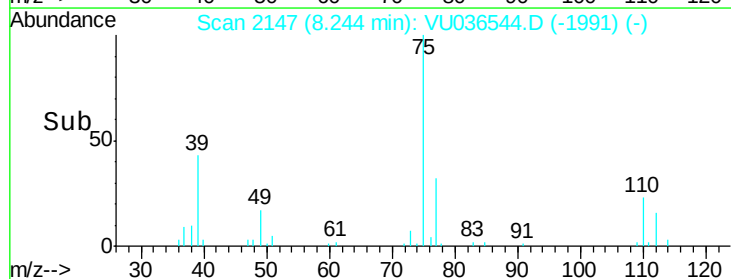
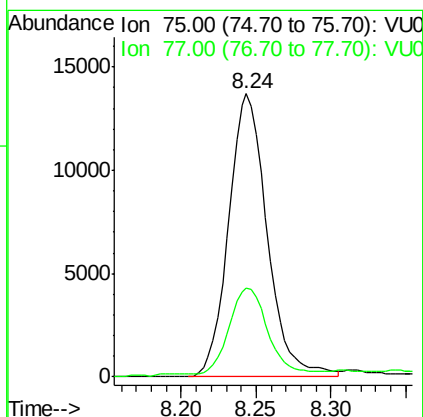
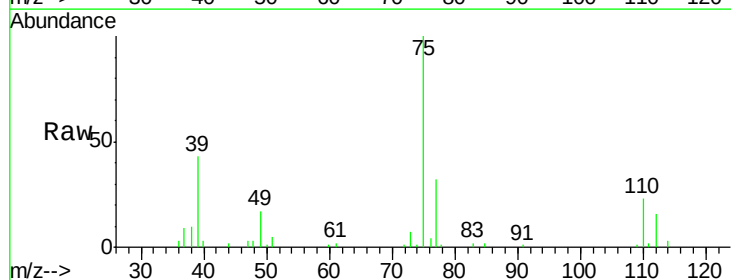
Acq: 23 Jan 2020 17:29

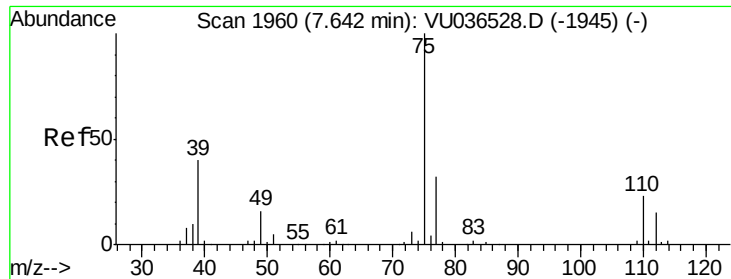
Tgt Ion: 75 Resp: 24593

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2





#51

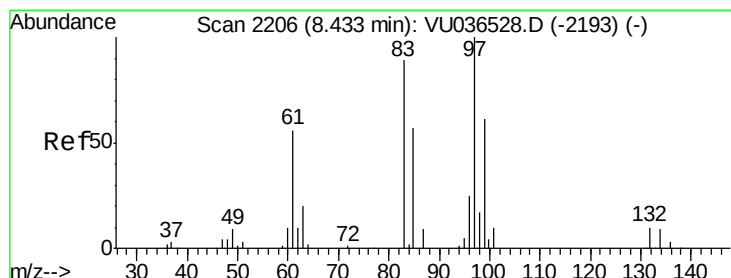
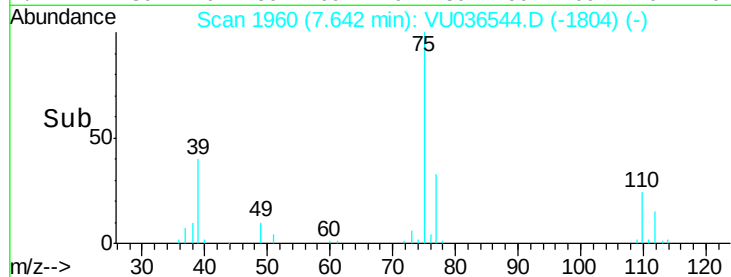
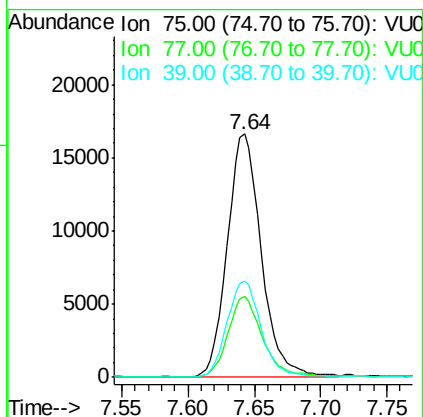
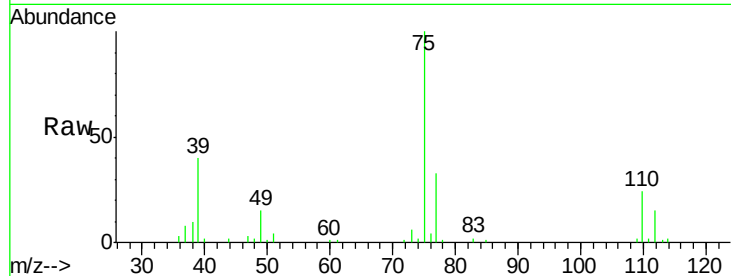
cis-1,3-Dichloropropene
Concen: 2.079 ug/l
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.3	37.9
39	39.7	31.8	47.6

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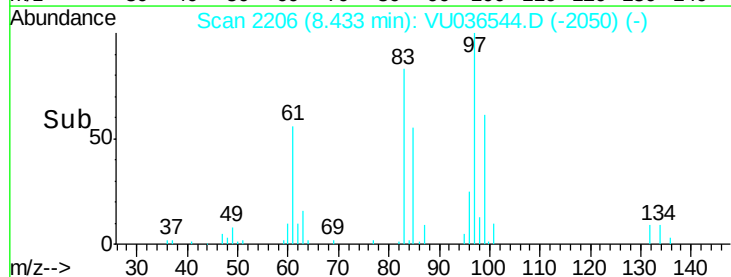
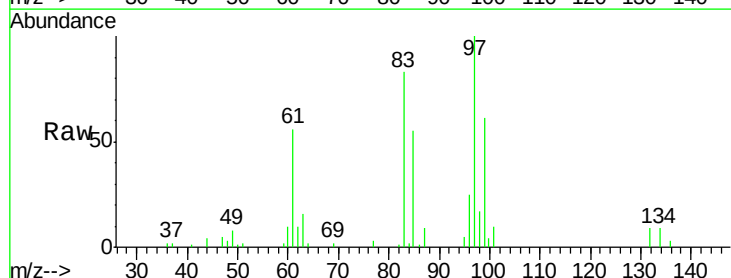
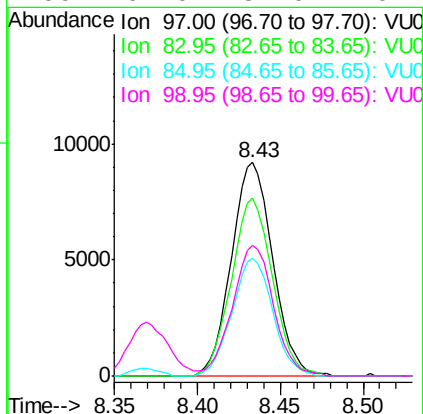
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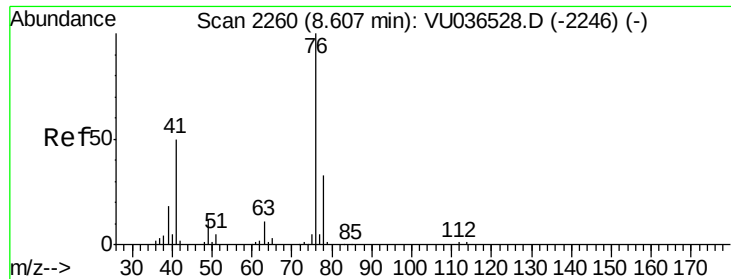


#52

1,1,2-Trichloroethane
Concen: 2.242 ug/l
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.9	106.3
85	55.3	45.6	68.4
99	61.0	51.0	76.4





#53

1,3-Dichloropropane

Concen: 2.132 ug/l

RT: 8.61 min Scan# 2260

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion: 76 Resp: 26014

Ion Ratio Lower Upper

76 100

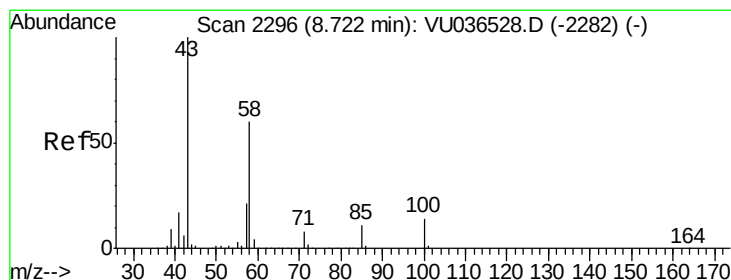
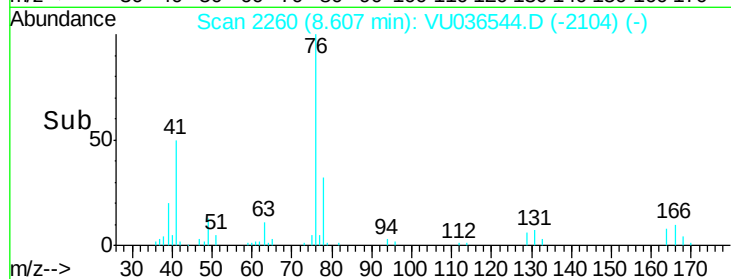
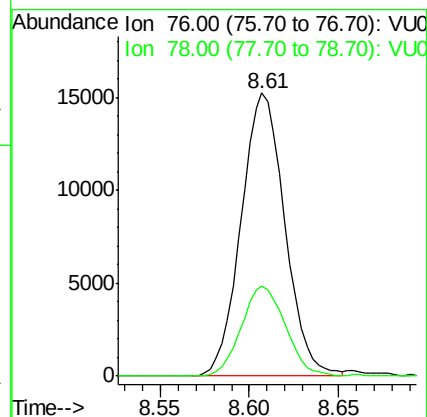
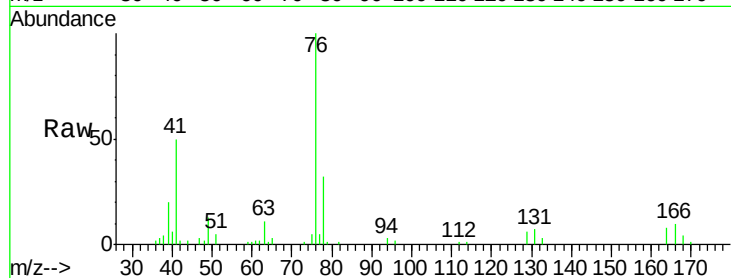
78 32.0 25.4 38.2

Manual Integrations

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#54

2-Hexanone

Concen: 10.293 ug/l

RT: 8.73 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

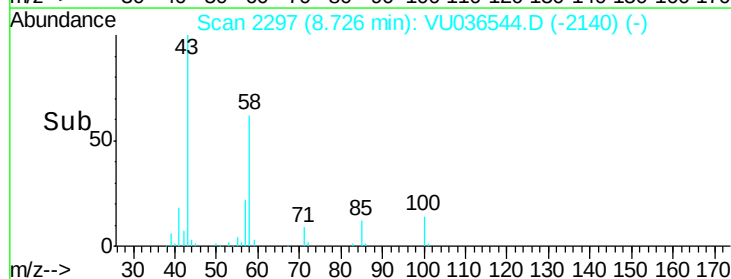
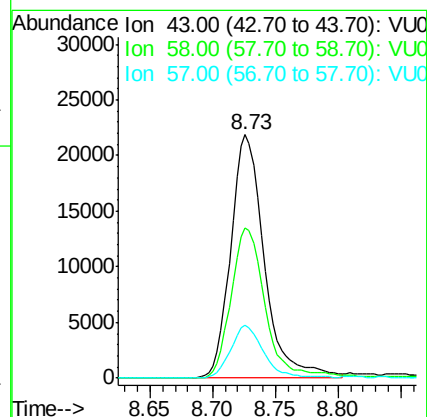
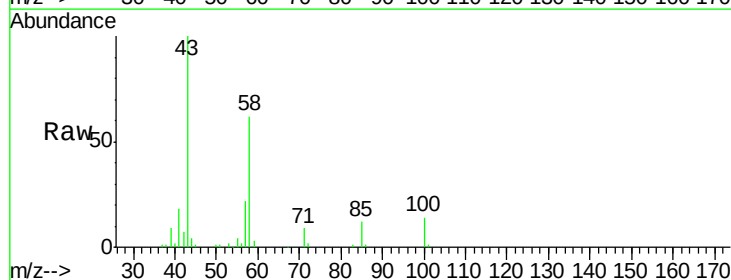
Tgt Ion: 43 Resp: 40802

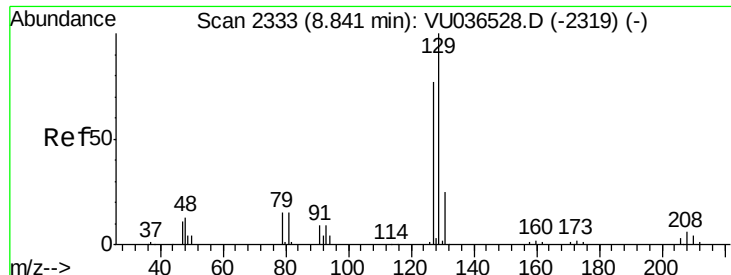
Ion Ratio Lower Upper

43 100

58 63.1 40.6 80.6

57 21.4 1.2 41.2





#55

Dibromochloromethane

Concen: 2.110 ug/l

RT: 8.84 min Scan# 2333

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion:129 Resp: 17291

Ion Ratio Lower Upper

129 100

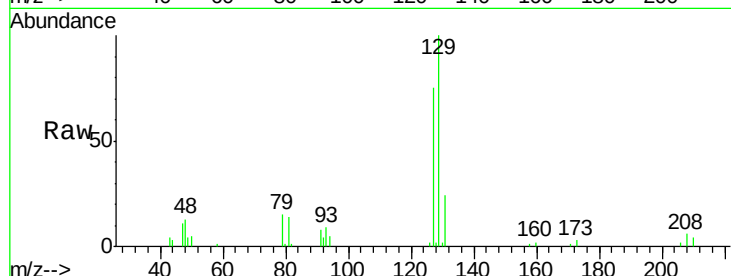
127 75.0 62.6 94.0

Manual Integrations

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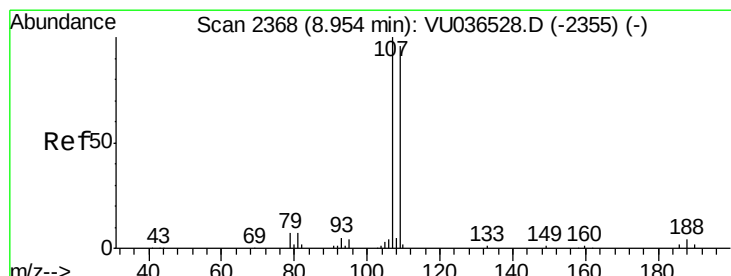
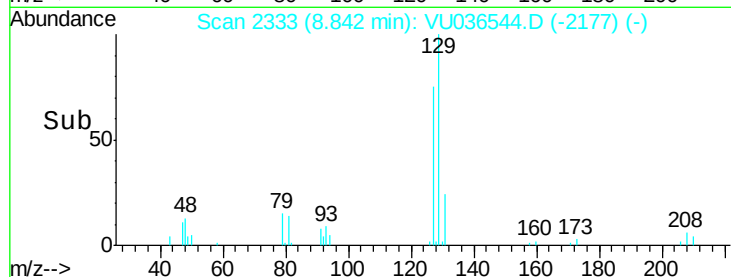
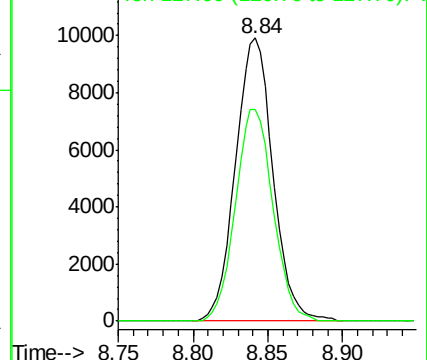
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.130 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VU036544.D

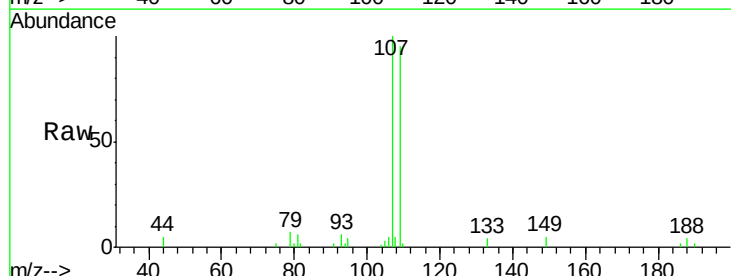
Acq: 23 Jan 2020 17:29

Tgt Ion:107 Resp: 14599

Ion Ratio Lower Upper

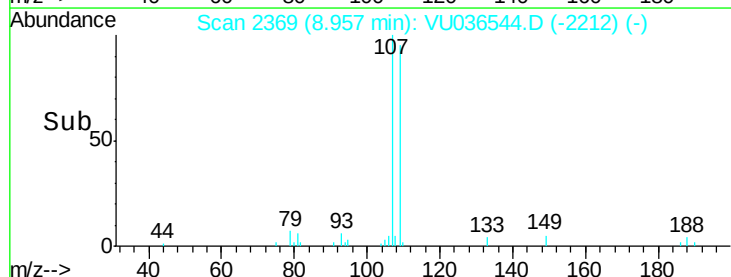
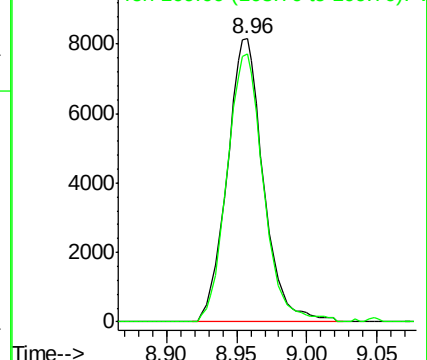
107 100

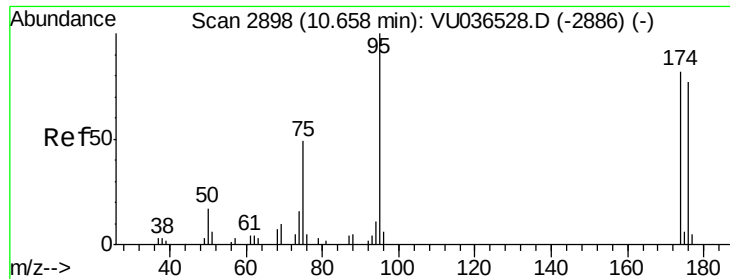
109 95.0 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





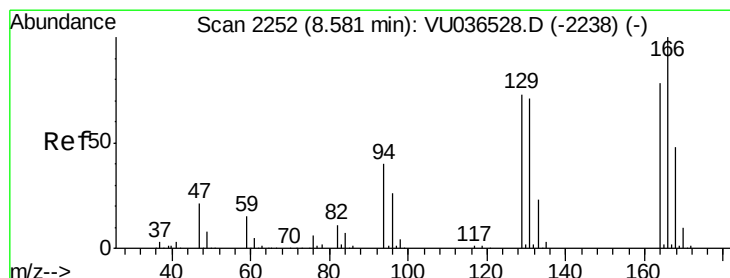
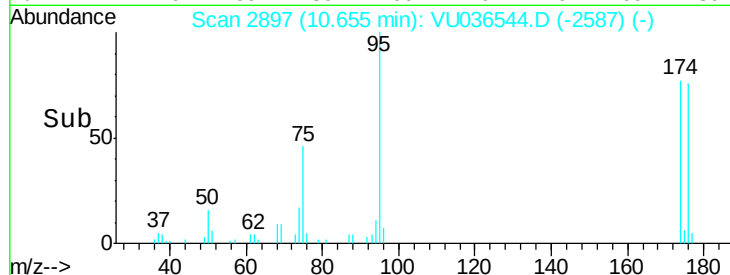
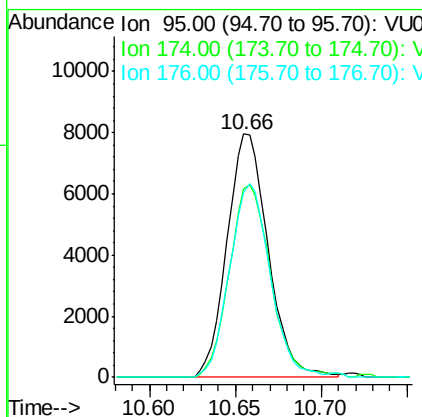
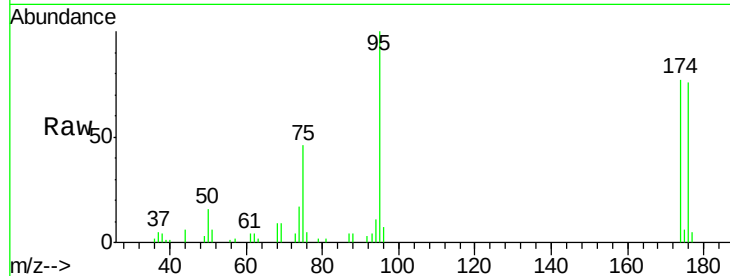
#57
4-Bromofluorobenzene
Concen: 1.016 ug/l
RT: 10.66 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	13231		
174	79.9	64.7	97.1	
176	78.3	60.6	91.0	

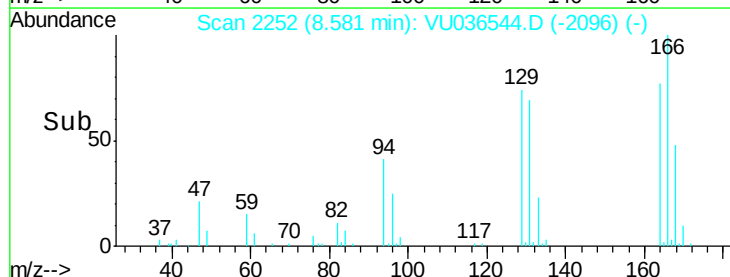
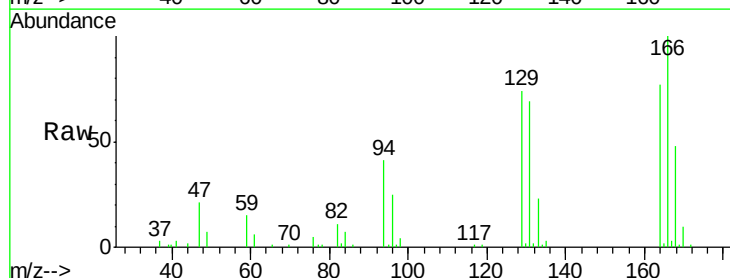
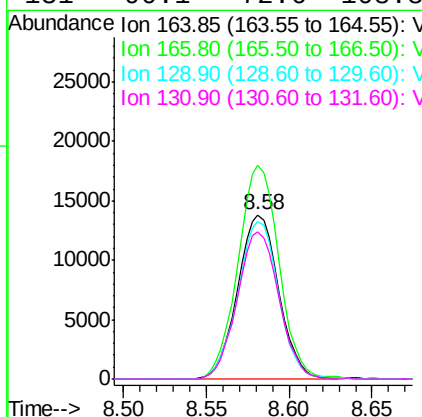
Manual Integrations
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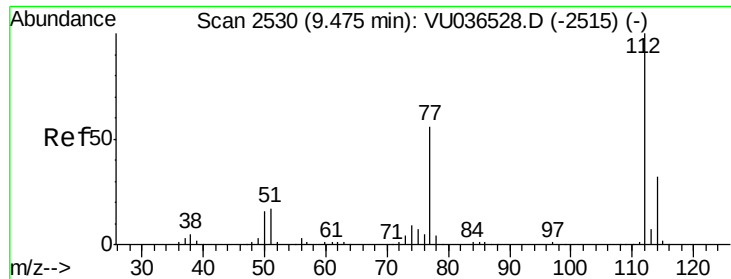
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#58
Tetrachloroethene
Concen: 2.255 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23787		
166	130.3	102.0	153.0	
129	95.8	74.9	112.3	
131	90.1	72.6	108.8	





#59

Chlorobenzene

Concen: 2.114 ug/l

RT: 9.48 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion:112 Resp: 57468

Ion Ratio Lower Upper

112 100

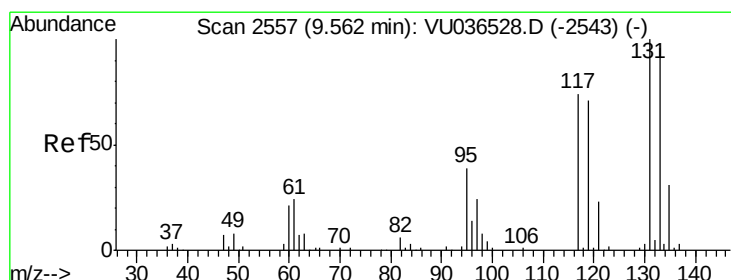
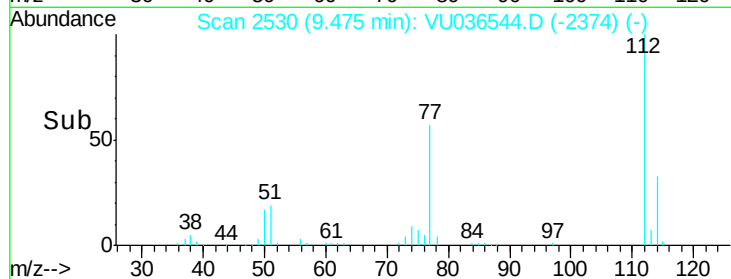
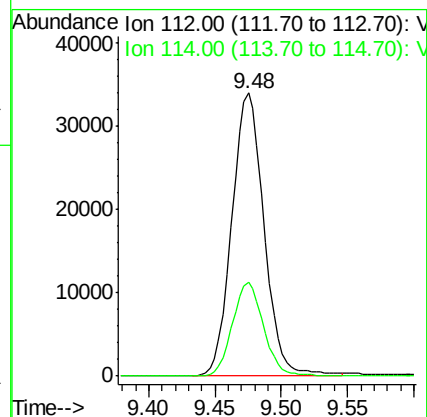
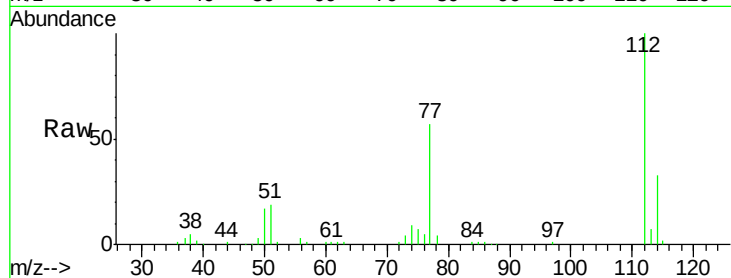
114 33.1 25.8 38.8

Manual Integrations

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#60

1,1,1,2-Tetrachloroethane

Concen: 2.057 ug/l

RT: 9.56 min Scan# 2557

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

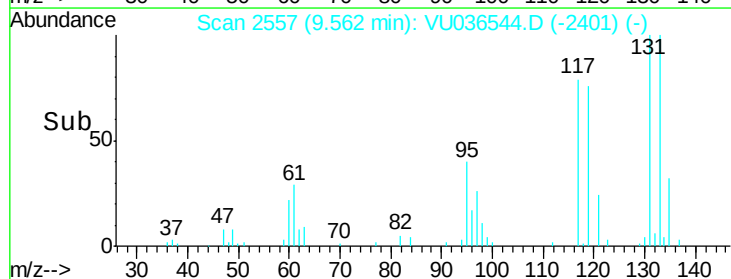
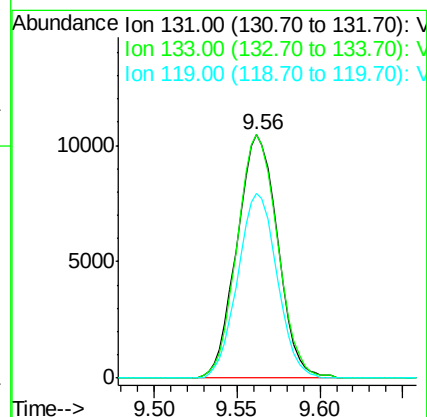
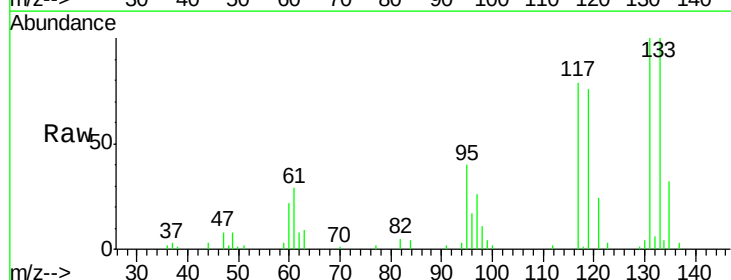
Tgt Ion:131 Resp: 17856

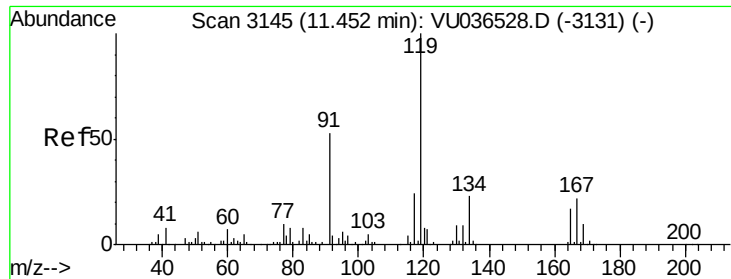
Ion Ratio Lower Upper

131 100

133 99.5 76.4 114.6

119 73.5 56.6 85.0





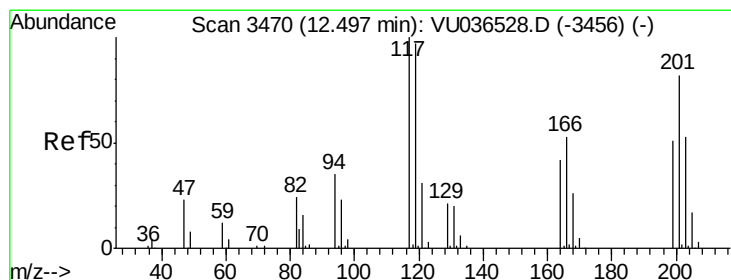
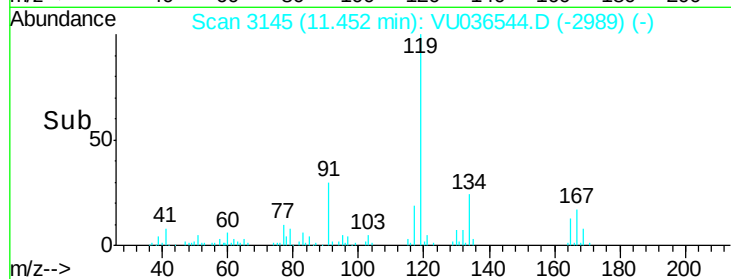
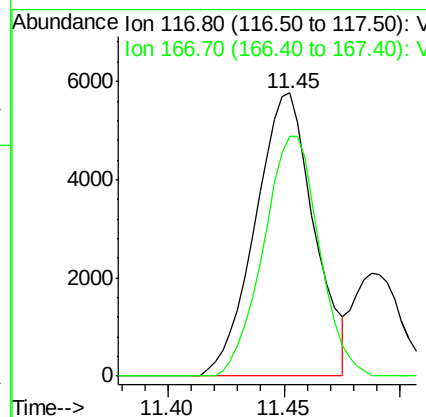
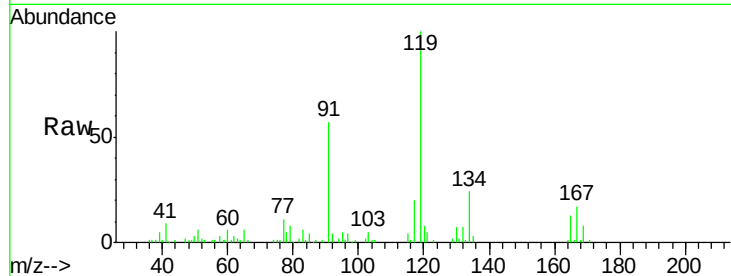
#61
 Pentachloroethane
 Concen: 1.814 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBSD01

Tot Ion:117 Resp: 10161
 Ion Ratio Lower Upper
 117 100
 167 80.3 66.7 100.1

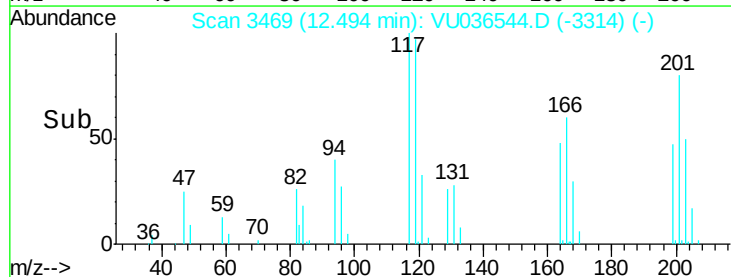
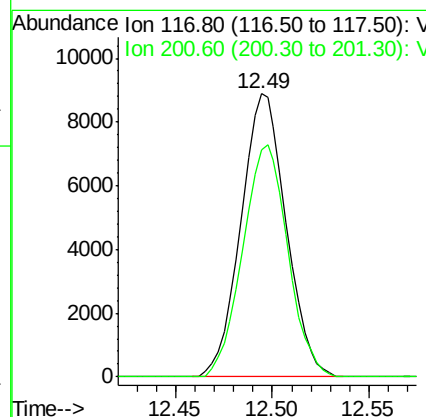
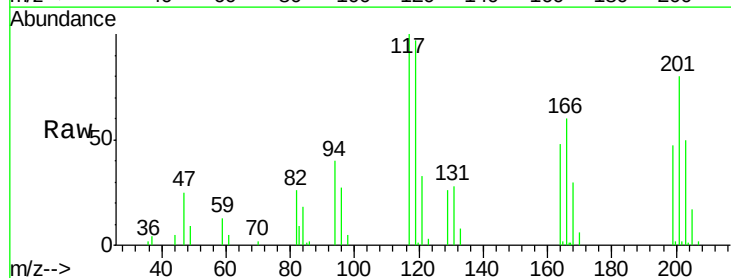
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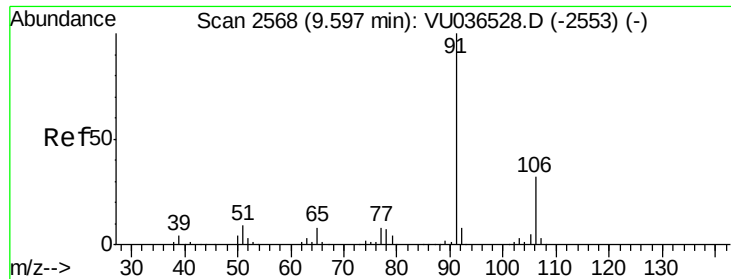
apatel
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#62
 Hexachloroethane
 Concen: 2.019 ug/l
 RT: 12.49 min Scan# 3469
 Delta R.T. -0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion:117 Resp: 14414
 Ion Ratio Lower Upper
 117 100
 201 81.9 65.0 97.4





#63

Ethyl Benzene

Concen: 2.137 ug/l

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampled :

VU0123WBSD01

Tot Ion: 91 Resp: 97340

Ion Ratio Lower Upper

91 100

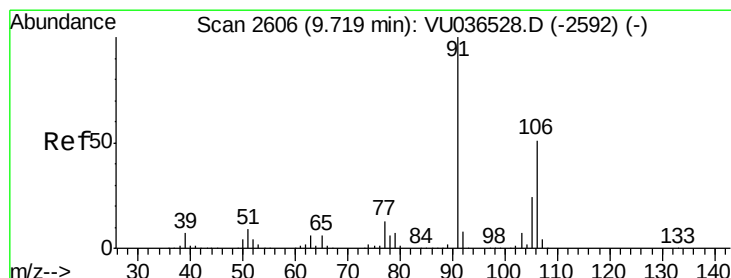
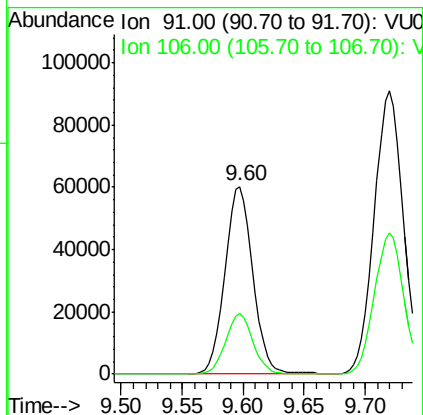
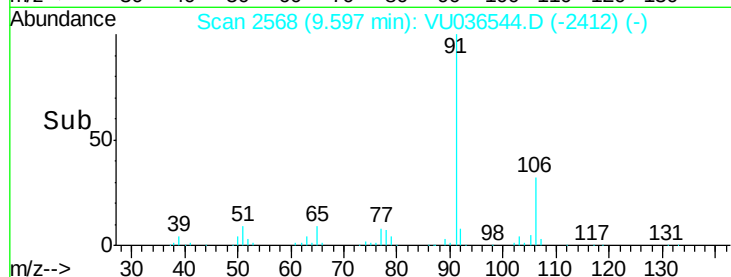
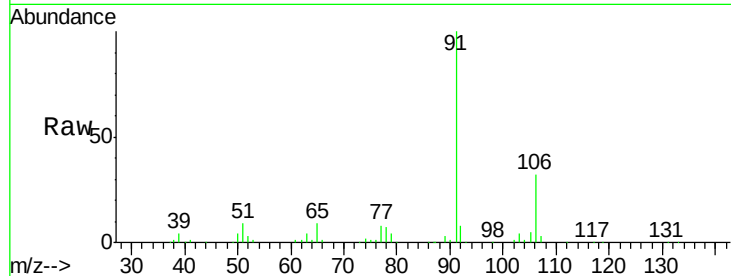
106 32.1 26.0 39.0

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#64

m/p-Xylenes

Concen: 4.234 ug/l

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036544.D

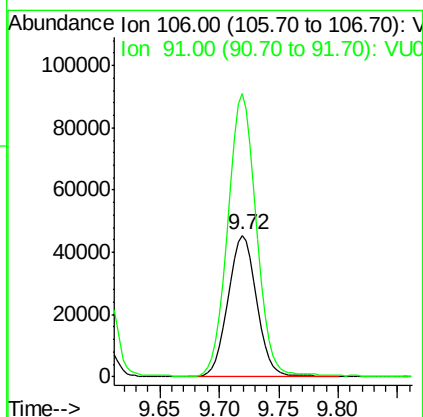
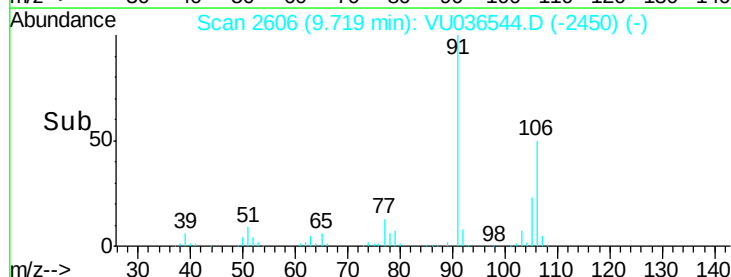
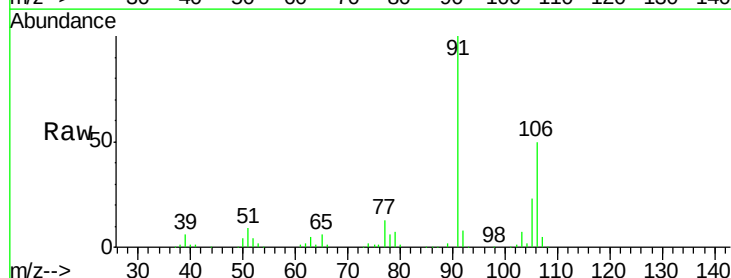
Acq: 23 Jan 2020 17:29

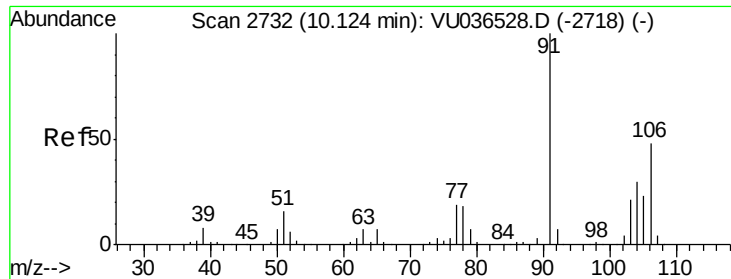
Tgt Ion: 106 Resp: 76342

Ion Ratio Lower Upper

106 100

91 197.2 158.2 237.4





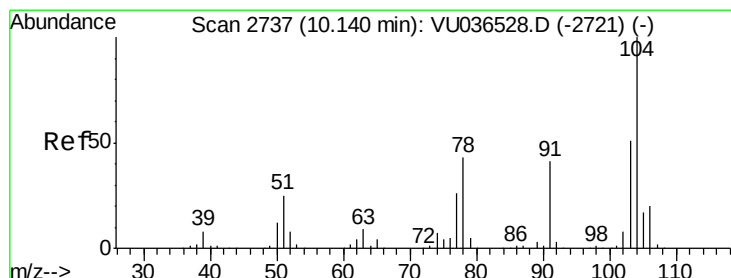
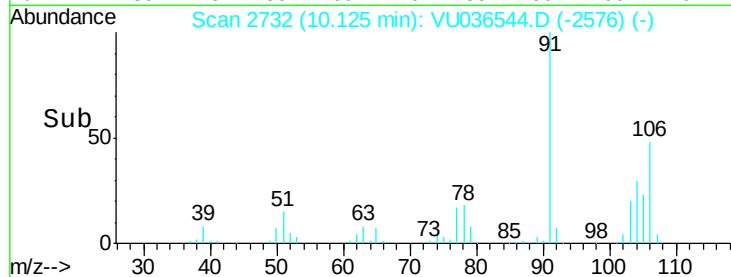
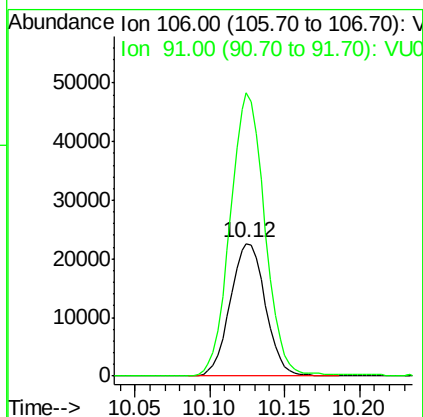
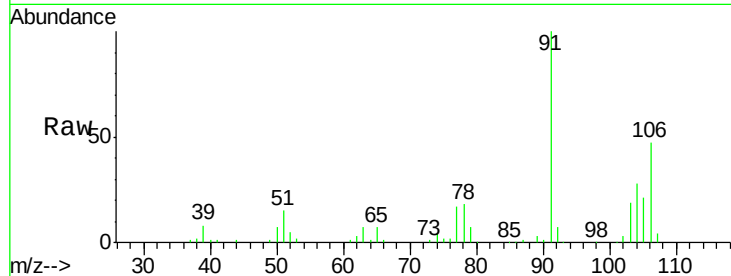
#65
o-Xylene
Concen: 2.126 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampled :
VU0123WBSD01

Tot Ion:106 Resp: 37116
Ion Ratio Lower Upper
106 100
91 210.0 104.3 312.9

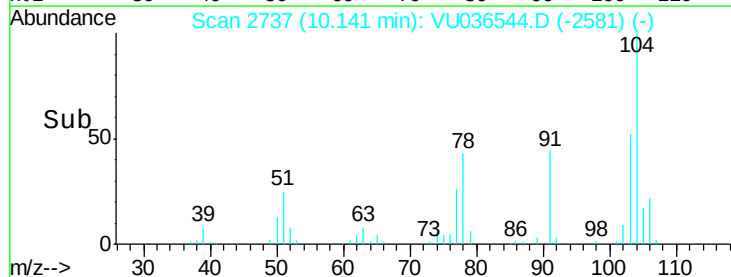
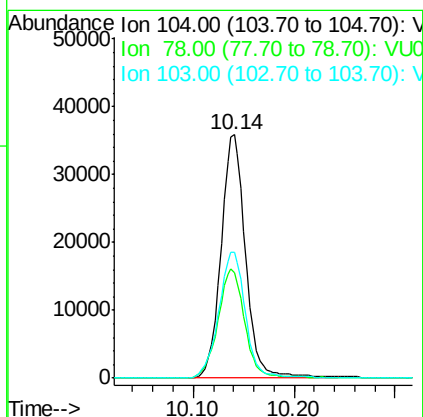
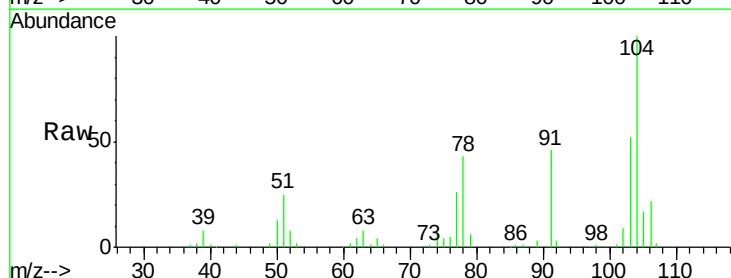
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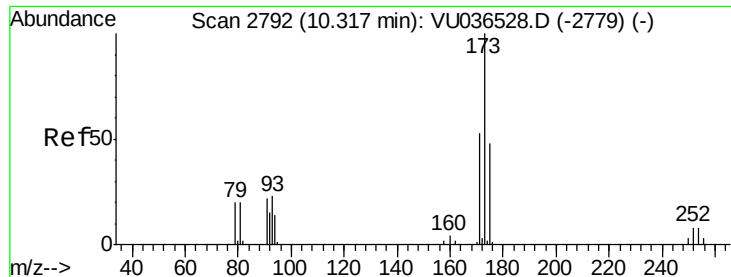
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#66
Styrene
Concen: 2.088 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion:104 Resp: 61066
Ion Ratio Lower Upper
104 100
78 48.3 38.6 57.8
103 55.8 44.4 66.6





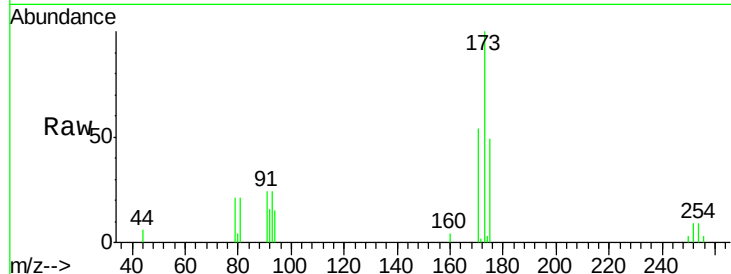
#67
Bromoform
Concen: 1.999 ug/l
RT: 10.32 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

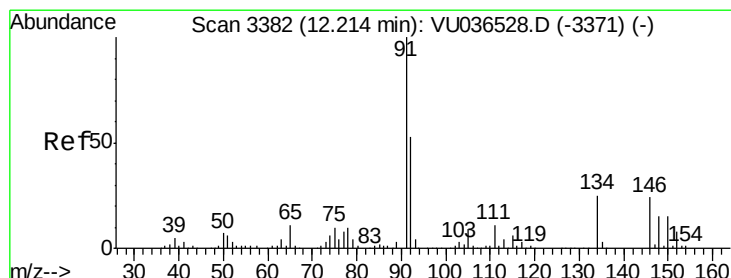
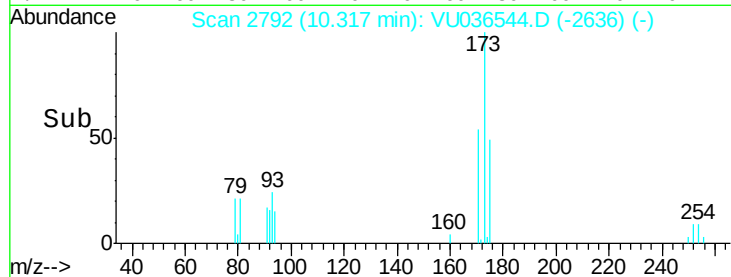
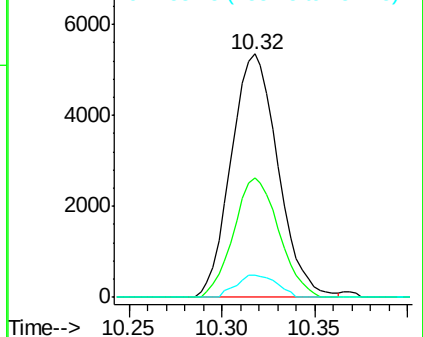
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	38.3	57.5
254	7.8	6.6	9.8

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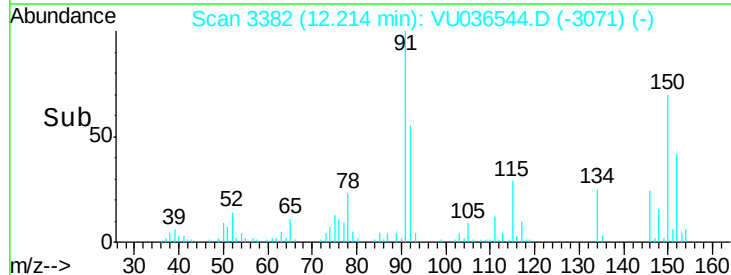
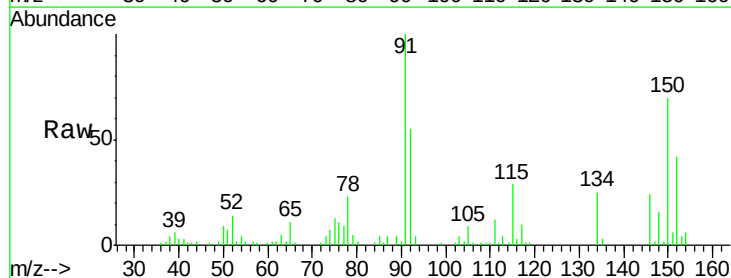
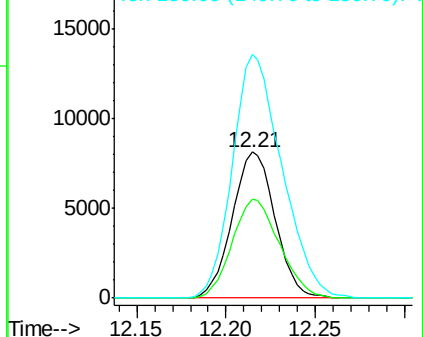
Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

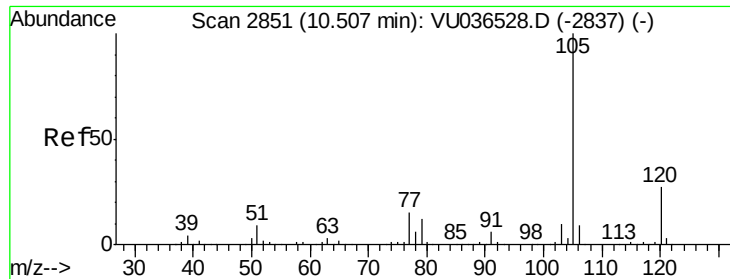


#68
1,2-Dichlorobenzene-d4
Concen: 1.026 ug/l
RT: 12.21 min Scan# 3382
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.6	0.0	241.8
150	192.3	0.0	652.4

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: 2.117 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampled :

VU0123WBSD01

Tot Ion:105 Resp: 97097

Ion Ratio Lower Upper

105 100

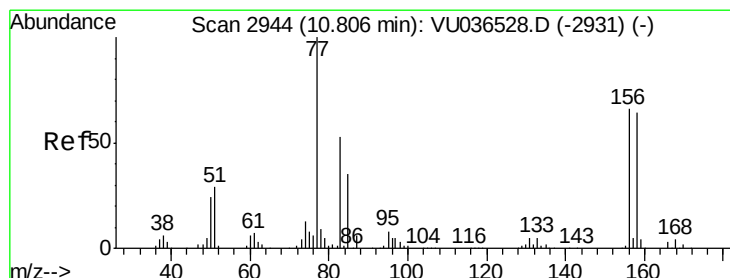
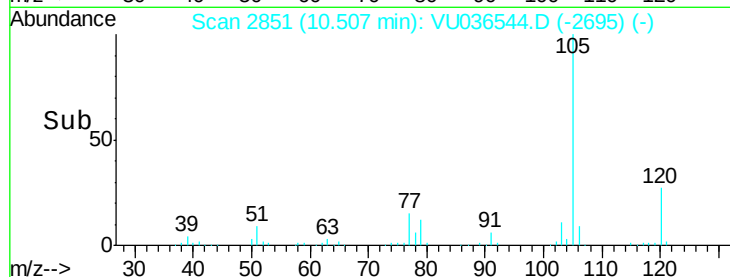
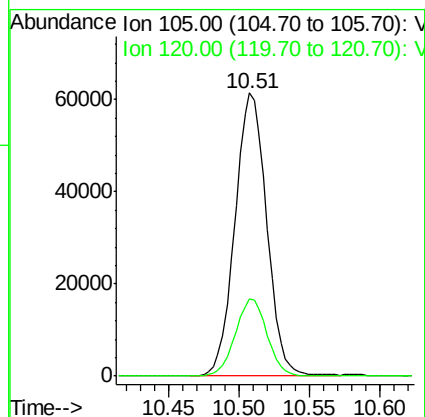
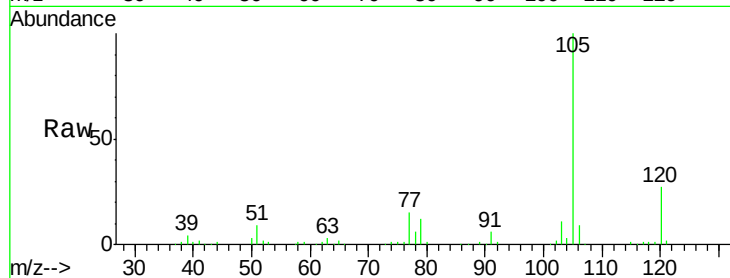
120 27.1 13.6 40.7

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.132 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

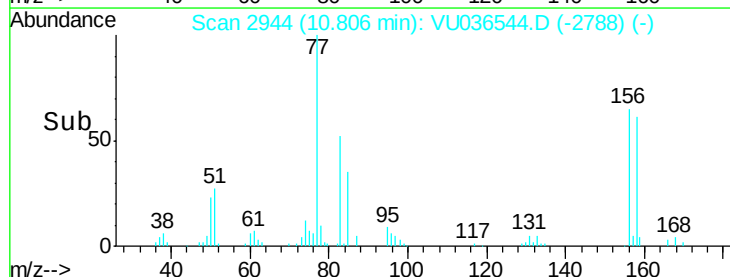
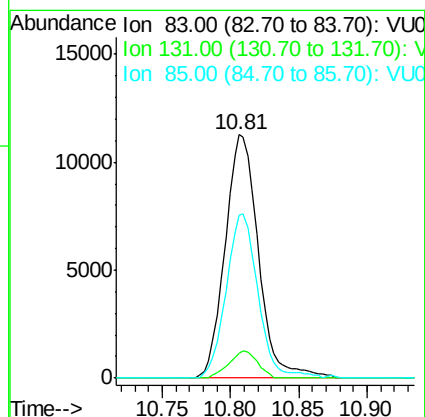
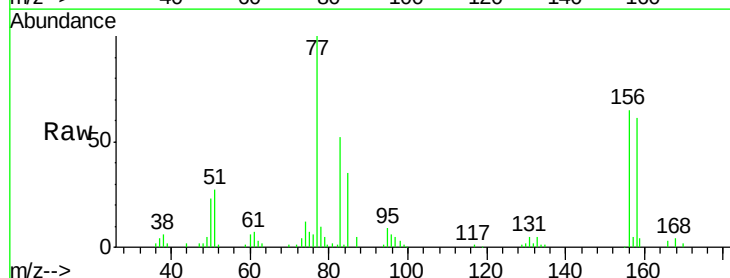
Tgt Ion: 83 Resp: 19143

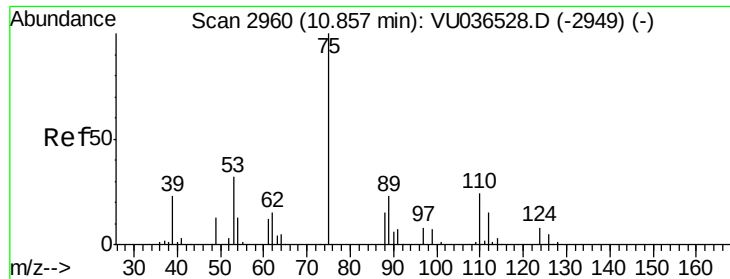
Ion Ratio Lower Upper

83 100

131 9.6 7.8 11.8

85 64.5 53.2 79.8





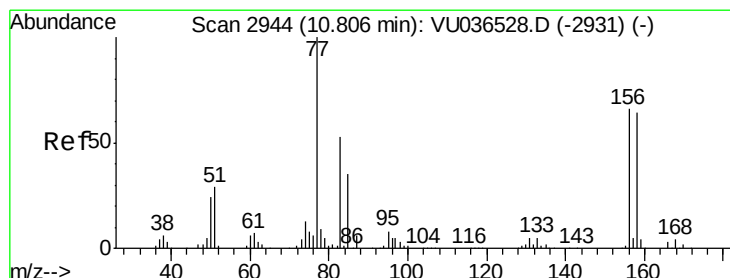
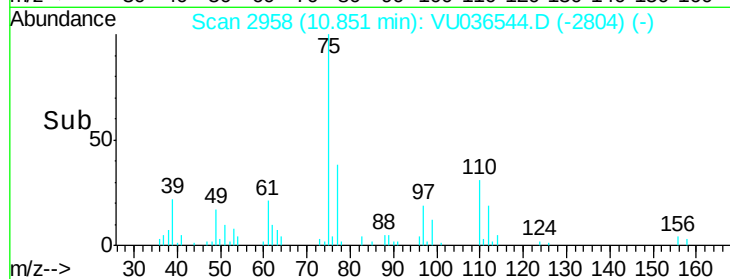
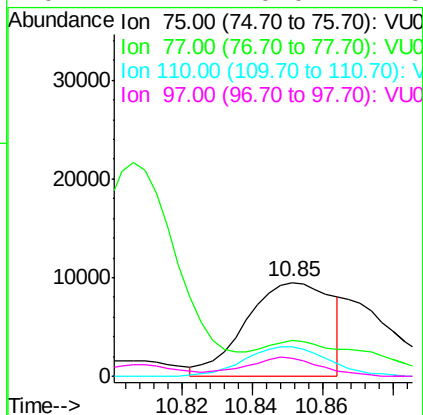
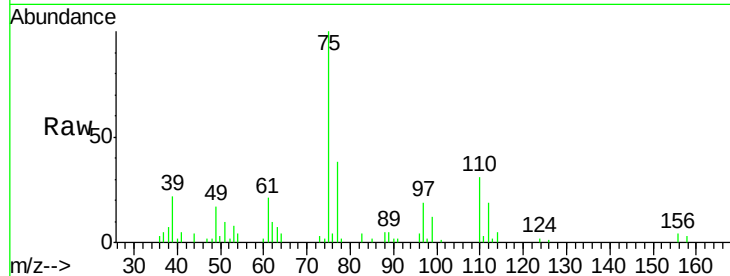
#71
1,2,3-Trichloropropane
Concen: 2.520 ug/l m
RT: 10.85 min Scan# 2958
Delta R.T. -0.01 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion:	75	Resp:	16149
Ion	Ratio	Lower	Upper
75	100		
77	49.8	0.0	129.6
110	31.0	0.0	77.4
97	17.7	0.0	42.0

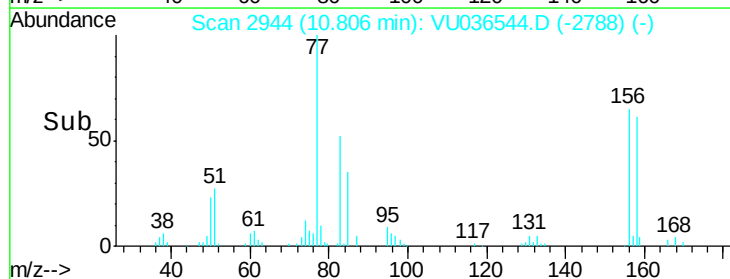
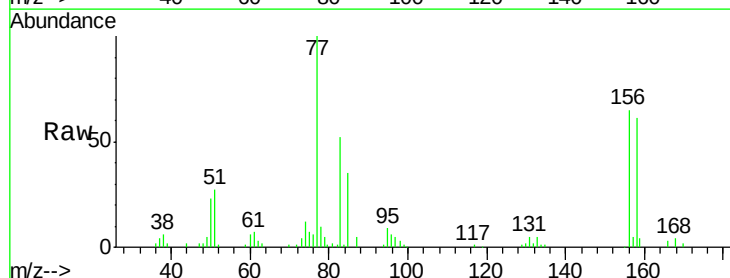
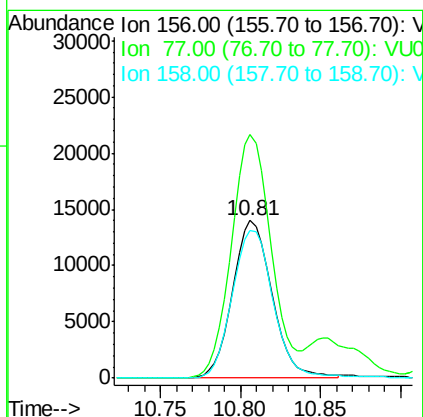
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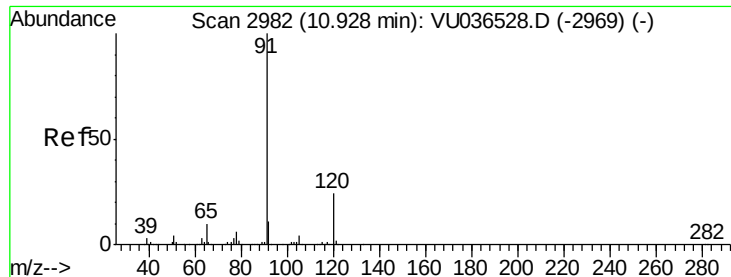
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#72
Bromobenzene
Concen: 2.138 ug/l
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion:	156	Resp:	23628
Ion	Ratio	Lower	Upper
156	100		
77	154.7	0.0	306.6
158	97.7	0.0	192.0





#73

n-propylbenzene

Concen: 2.149 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion:120 Resp: 27663

Ion Ratio Lower Upper

120 100

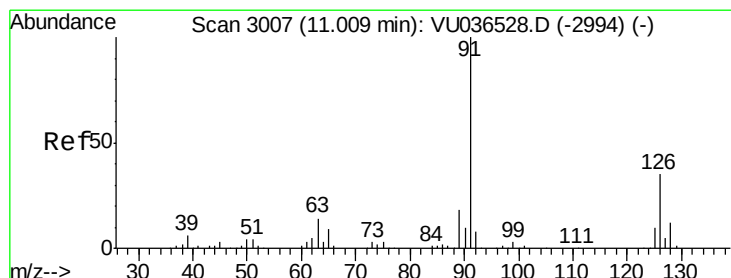
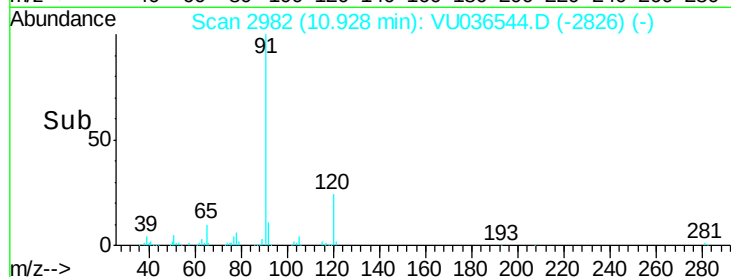
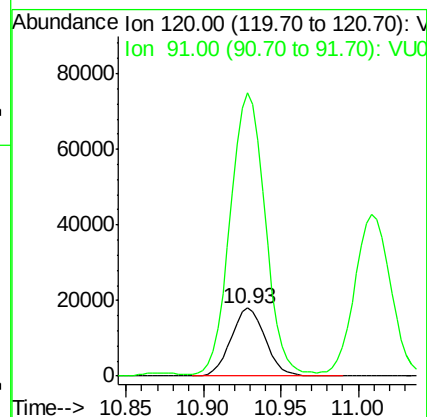
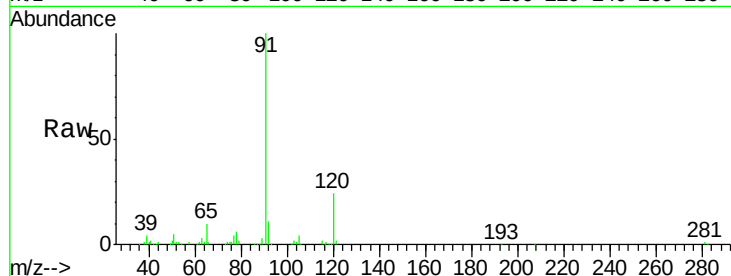
91 420.7 329.5 494.3

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#74

2-Chlorotoluene

Concen: 2.154 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU036544.D

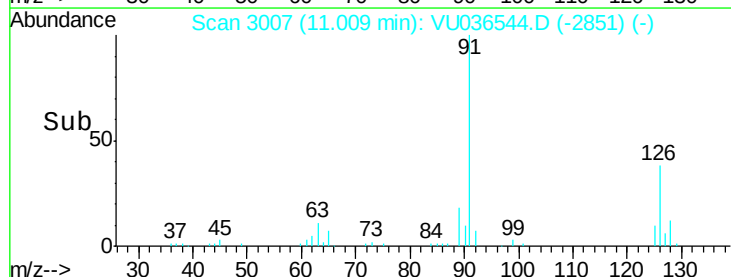
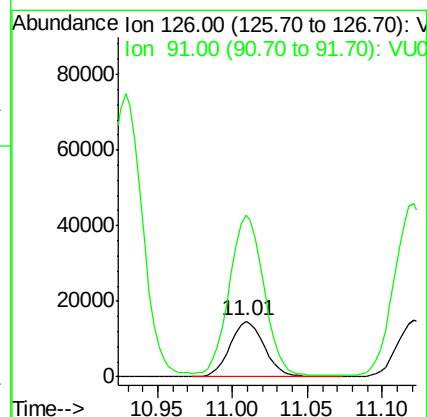
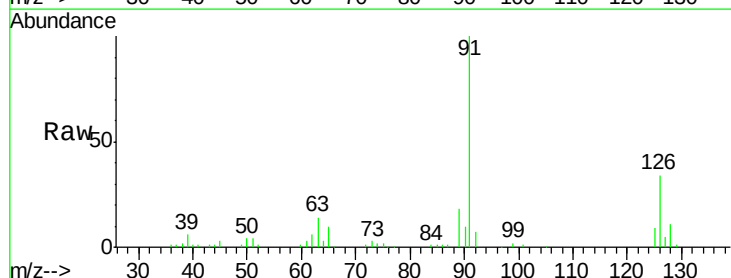
Acq: 23 Jan 2020 17:29

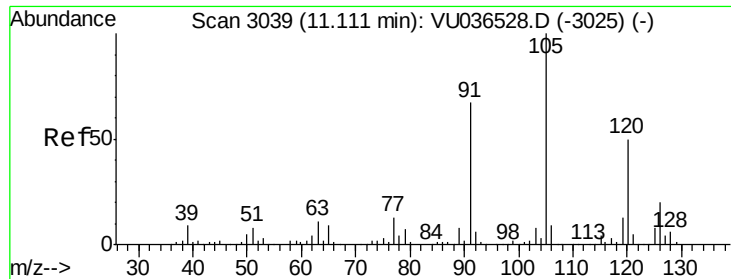
Tgt Ion:126 Resp: 23810

Ion Ratio Lower Upper

126 100

91 283.8 0.0 567.4





#75

1,3,5-Trimethylbenzene

Concen: 2.152 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion:105 Resp: 84683

Ion Ratio Lower Upper

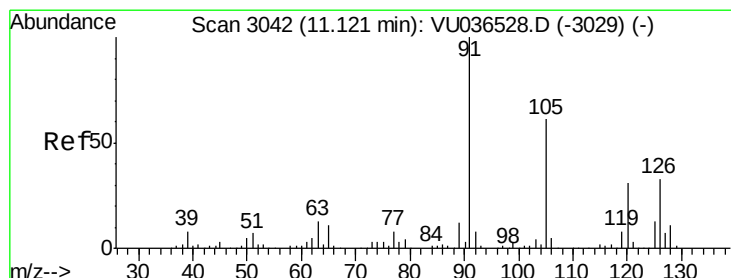
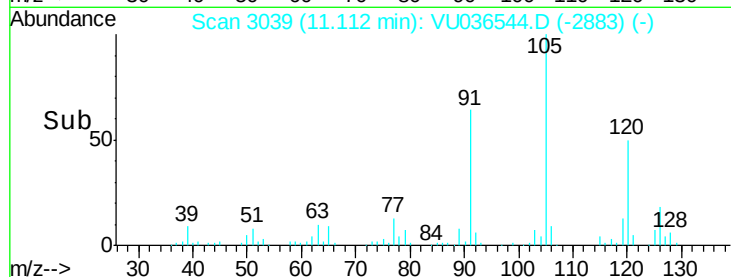
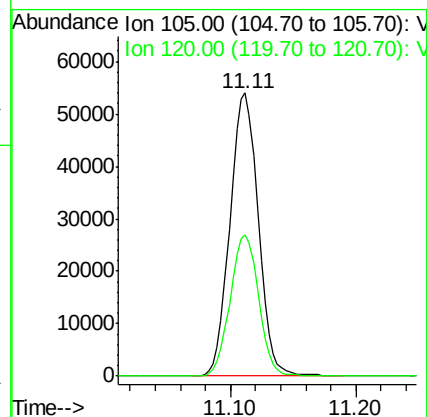
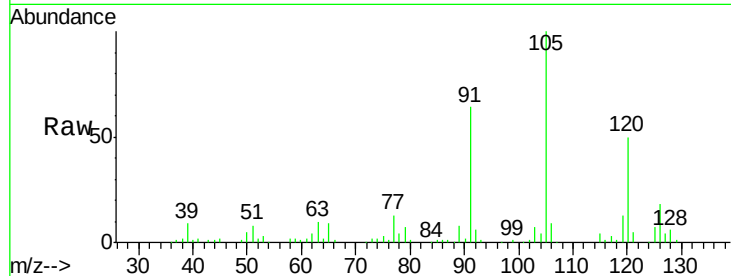
105 100

120 50.0 39.8 59.8

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#76

4-Chlorotoluene

Concen: 2.122 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. 0.00 min

Lab File: VU036544.D

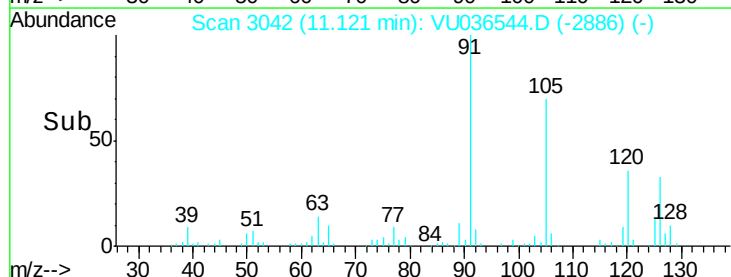
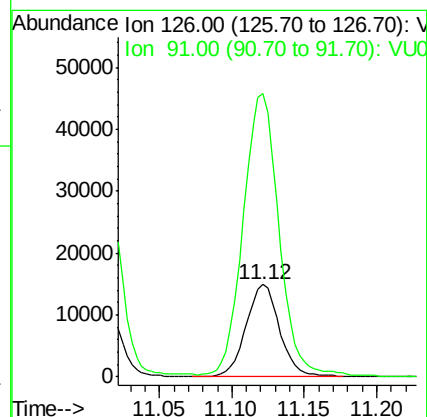
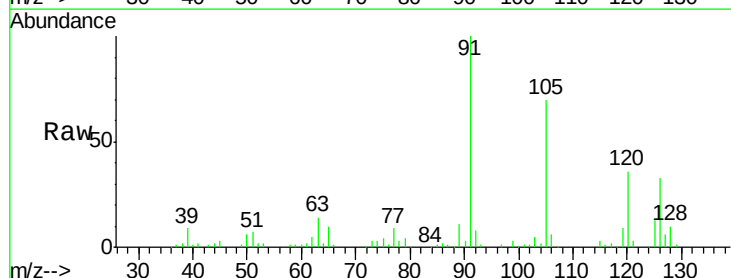
Acq: 23 Jan 2020 17:29

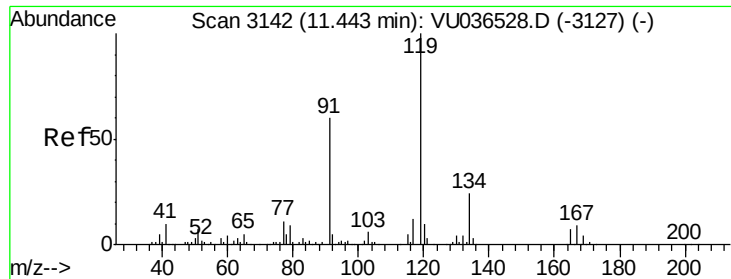
Tgt Ion:126 Resp: 24233

Ion Ratio Lower Upper

126 100

91 327.9 0.0 633.0





#77

tert-Butylbenzene

Concen: 2.102 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

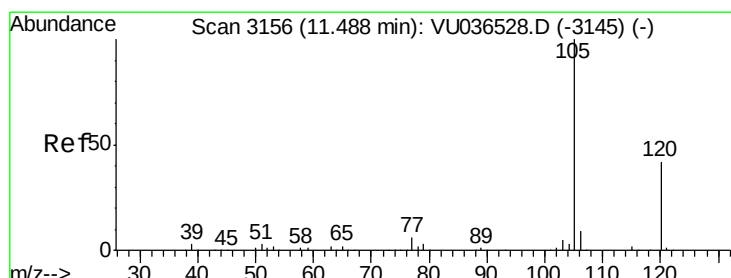
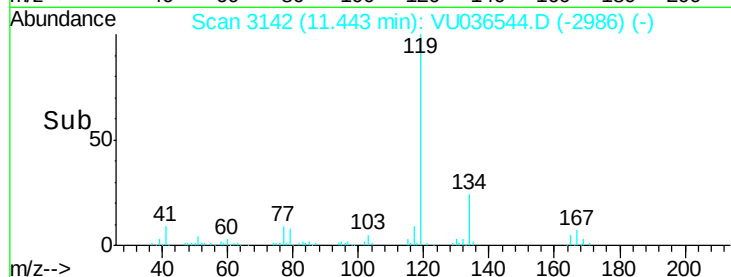
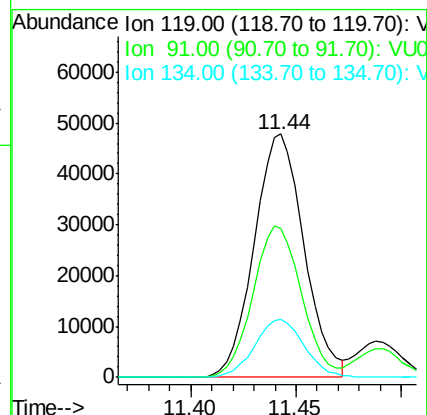
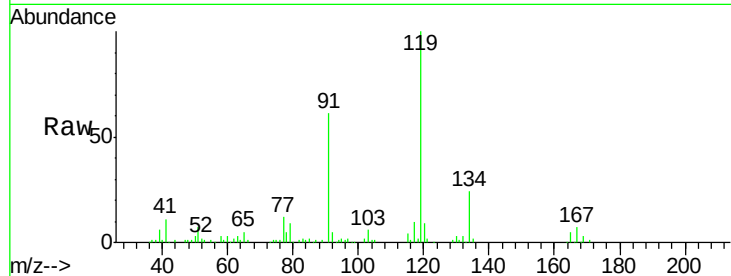
ClientSampleId :

VU0123WBSD01

Tot Ion:	119	Resp:	78371
Ion	Ratio	Lower	Upper
119	100		
91	60.8	29.3	87.8
134	23.7	19.0	28.4

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#78

1,2,4-Trimethylbenzene

Concen: 2.132 ug/l

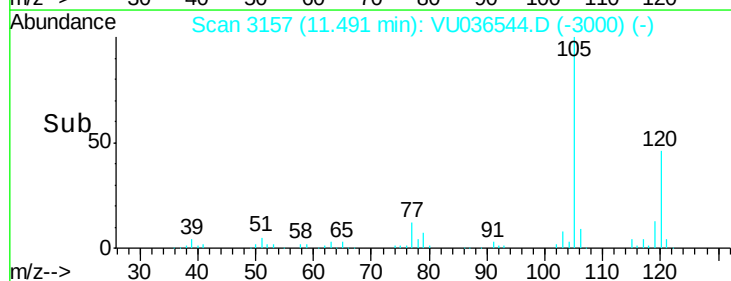
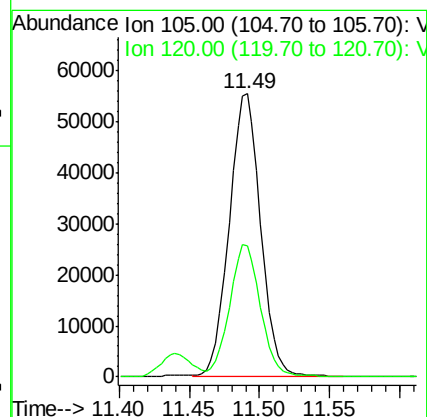
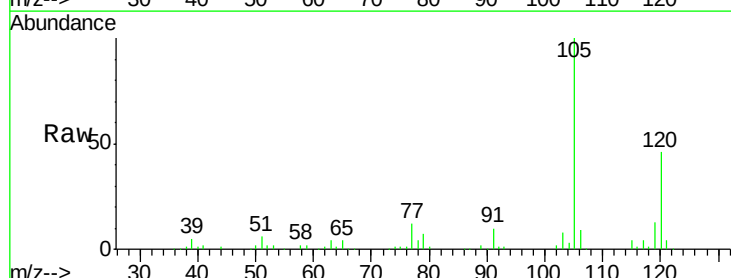
RT: 11.49 min Scan# 3157

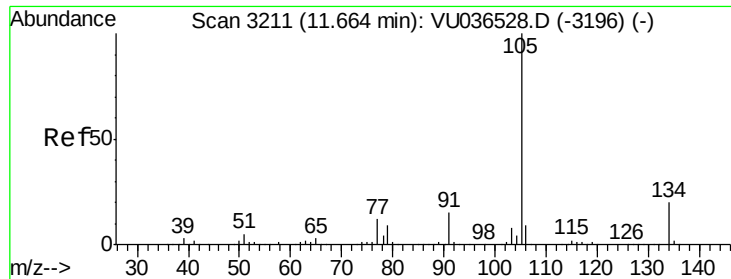
Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Tgt Ion:	105	Resp:	86502
Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.3	69.8





#79

sec-Butylbenzene

Concen: 2.139 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBSD01

Tot Ion: 105 Resp: 110653

Ion Ratio Lower Upper

105 100

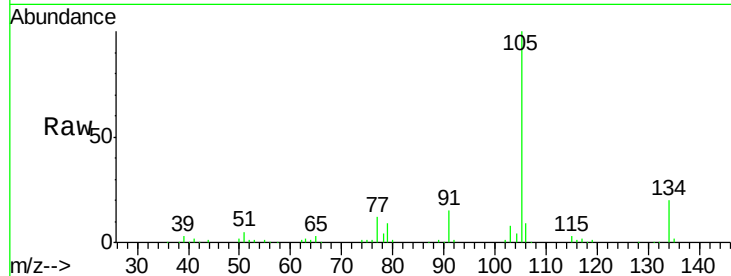
134 20.2 16.0 24.0

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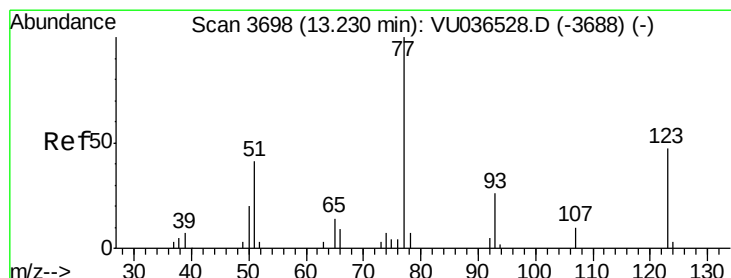
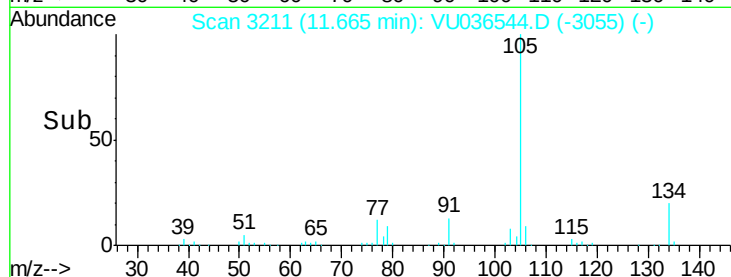
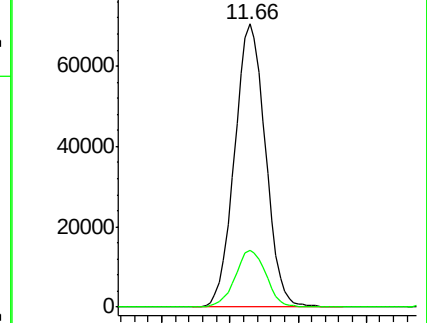
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 7.465 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. 0.01 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

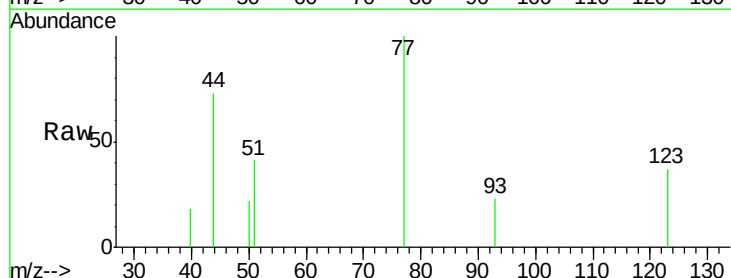
Tgt Ion: 77 Resp: 962

Ion Ratio Lower Upper

77 100

123 40.2 19.6 69.6

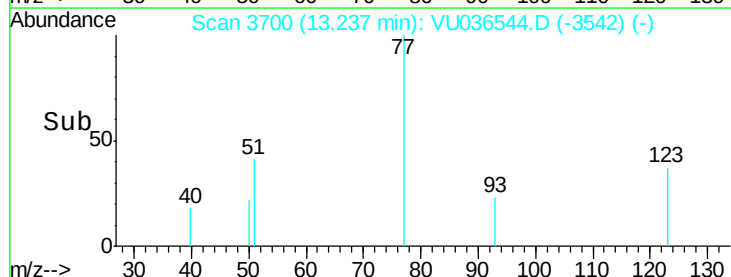
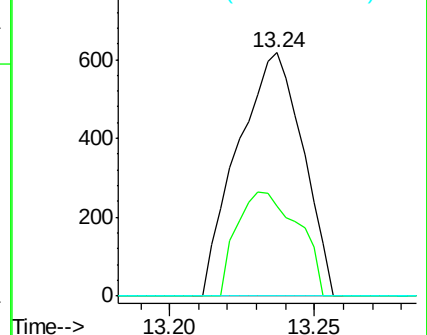
65 0.0 12.7 16.1#

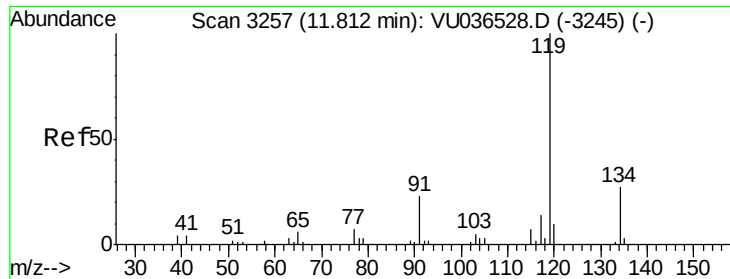


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





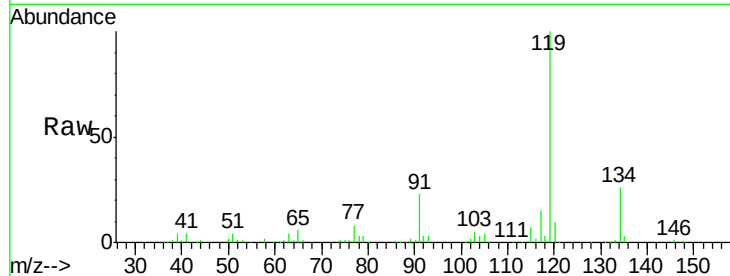
#81
 p-Isopropyltoluene
 Concen: 2.151 ug/l
 RT: 11.81 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	21.4	32.0
91	23.1	18.3	27.5

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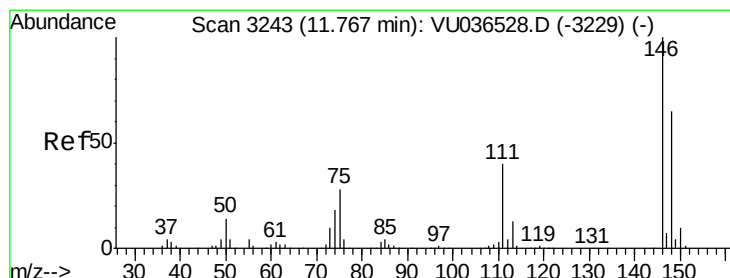
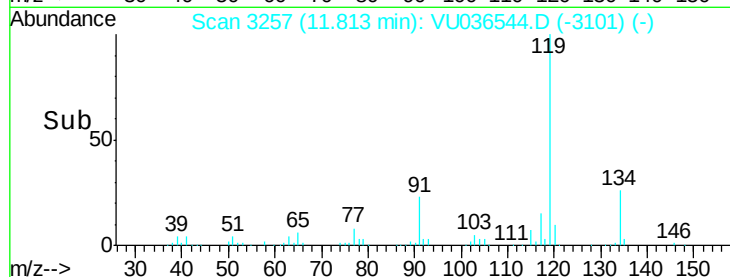
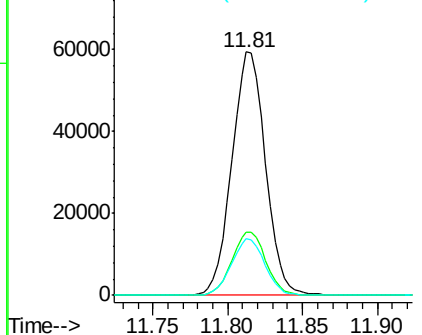


Abundance

Ion 119.00 (118.70 to 119.70): V

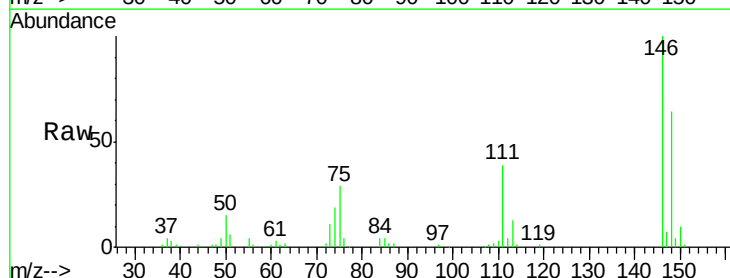
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 2.137 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	32.2	48.2
148	63.3	51.4	77.2

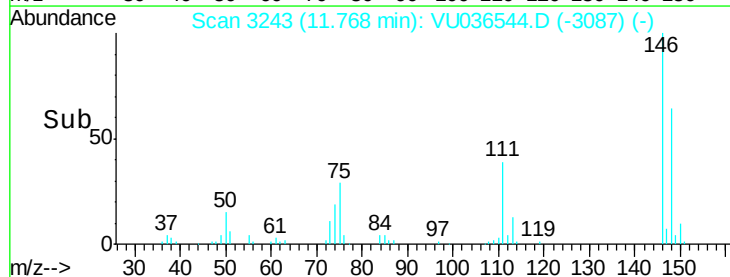
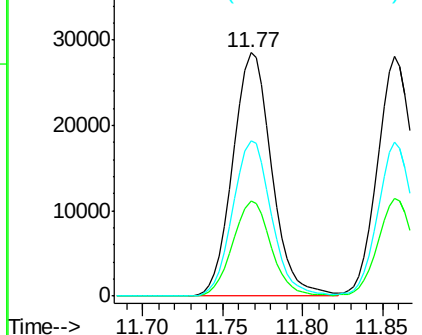


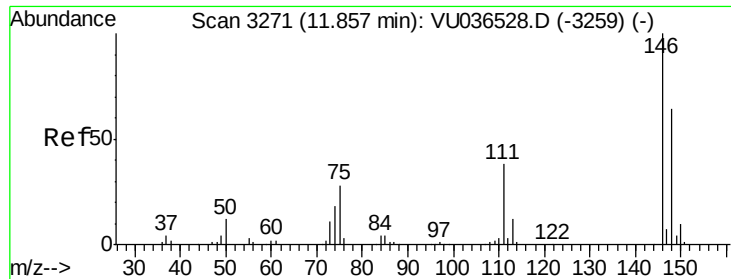
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





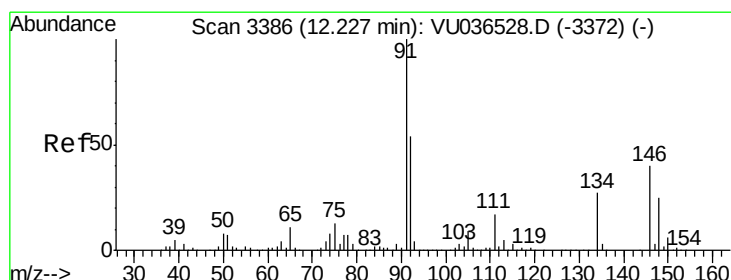
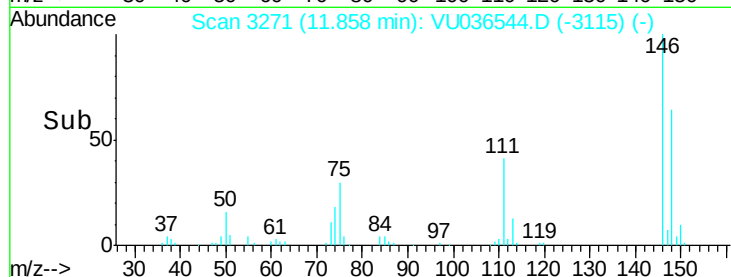
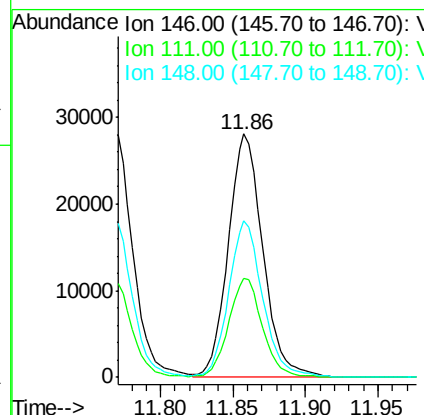
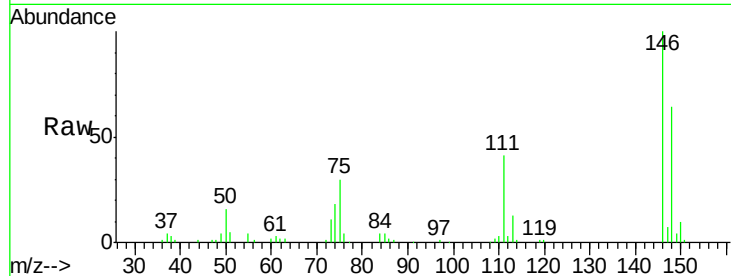
#83
 1,4-Dichlorobenzene
 Concen: 2.102 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	30.5	45.7
148	63.4	51.0	76.4

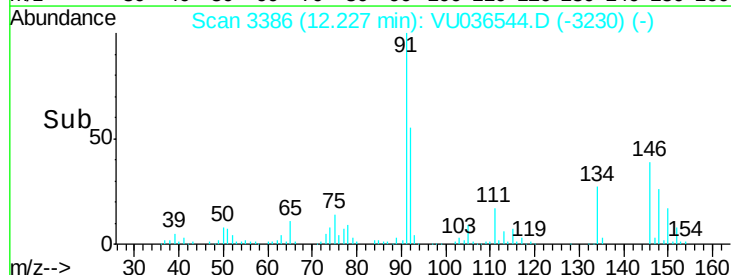
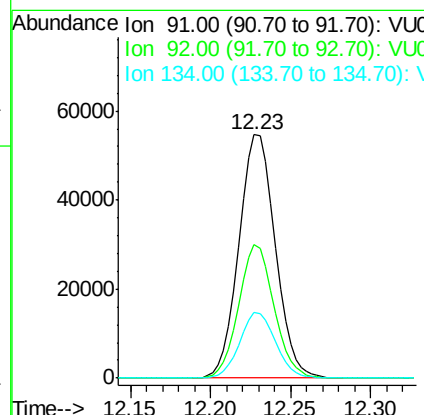
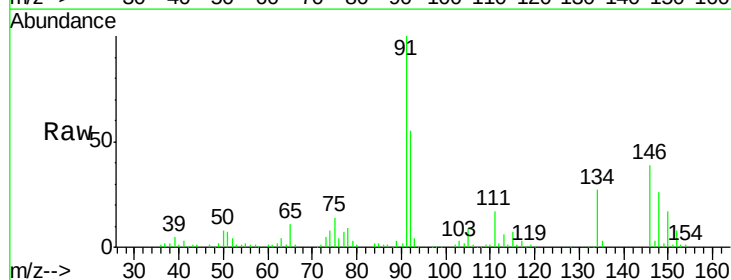
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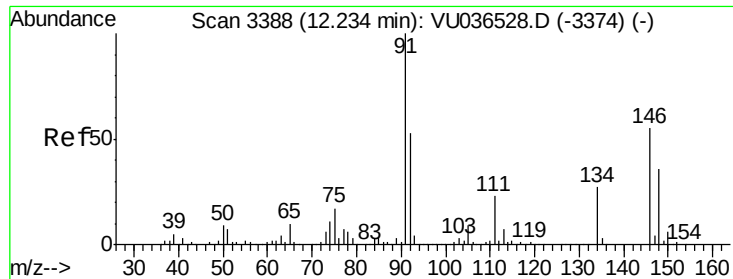
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#84
 n-Butylbenzene
 Concen: 2.114 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	42.9	64.3
134	26.6	21.4	32.0





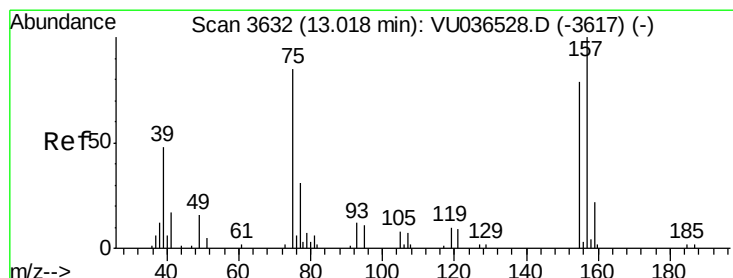
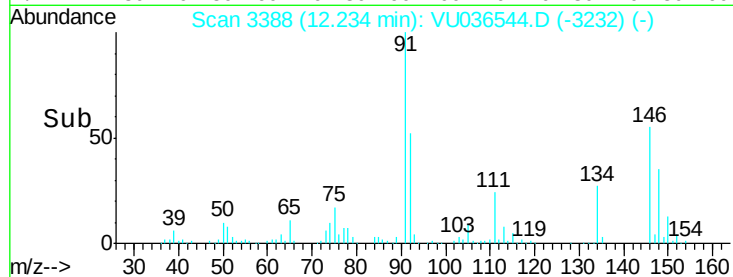
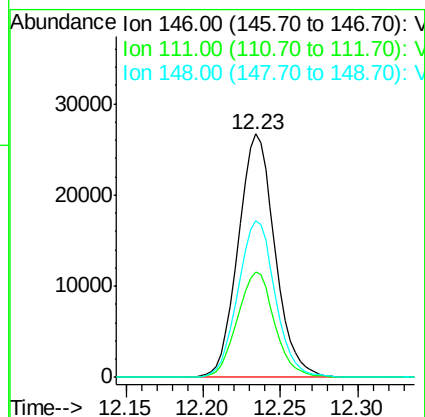
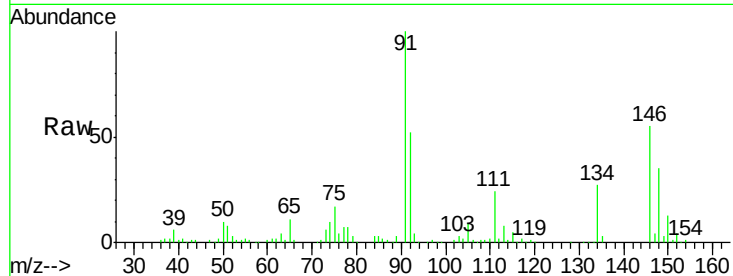
#85
 1,2-Dichlorobenzene
 Concen: 2.084 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.8	62.4
148	64.9	32.0	96.2

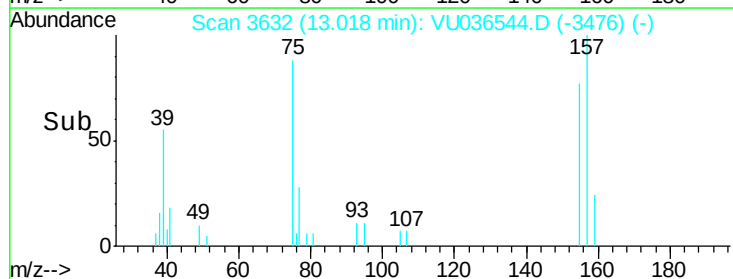
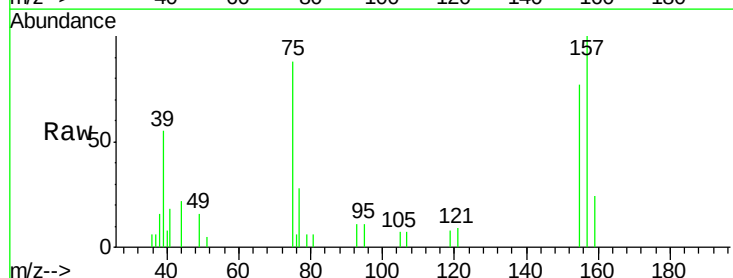
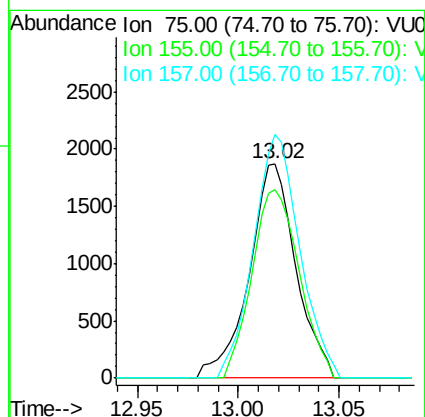
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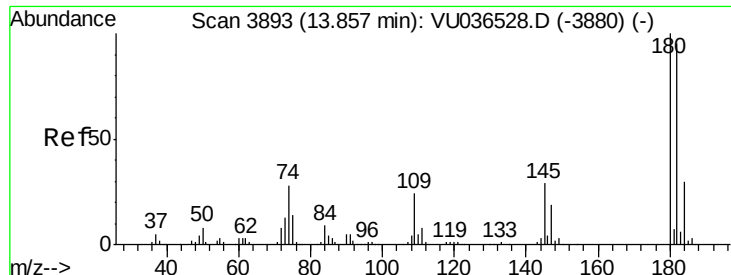
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.995 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	71.8	107.8
157	112.3	92.4	138.6





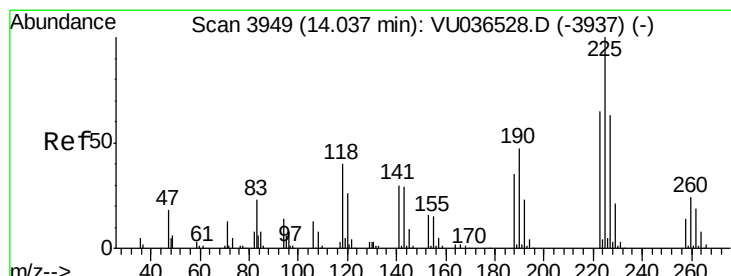
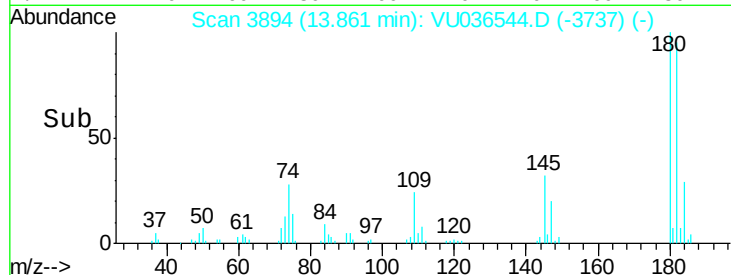
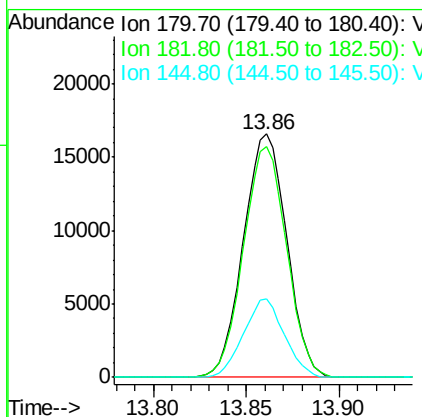
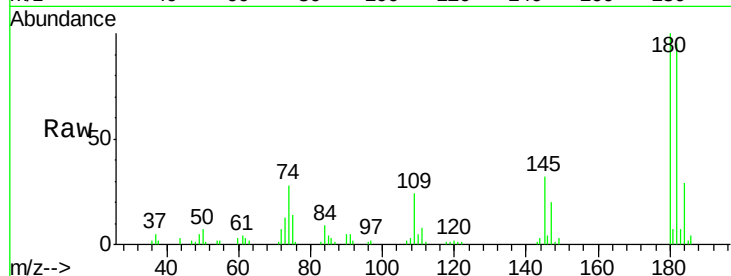
#87
 1,2,4-Trichlorobenzene
 Concen: 1.987 ug/l
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.9	113.9
145	30.3	23.4	35.2

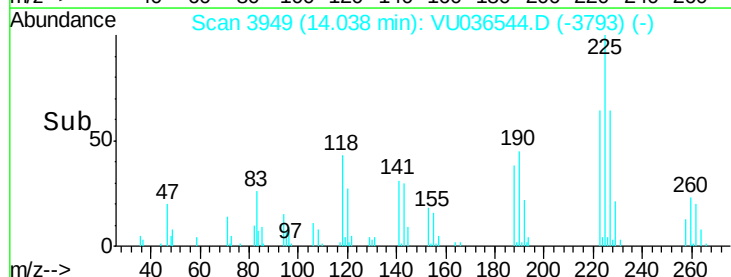
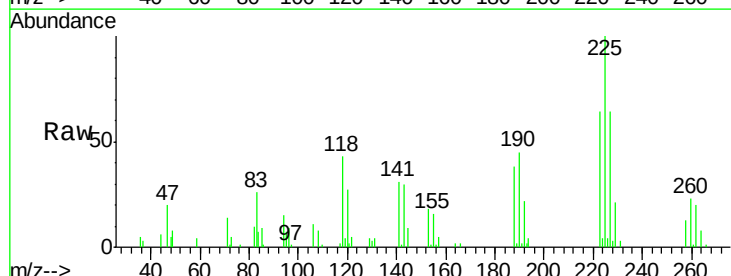
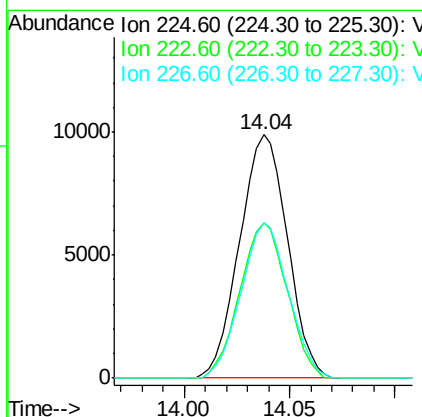
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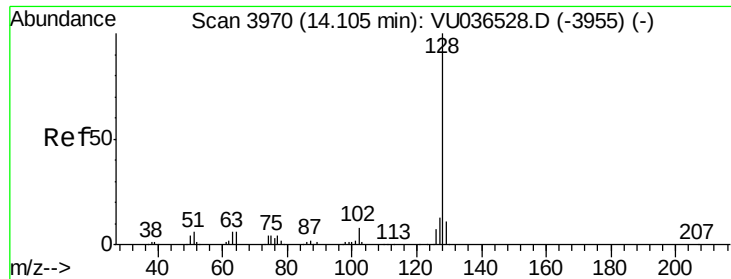
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#88
 Hexachlorobutadiene
 Concen: 2.098 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.7	77.5
227	63.1	50.6	75.8





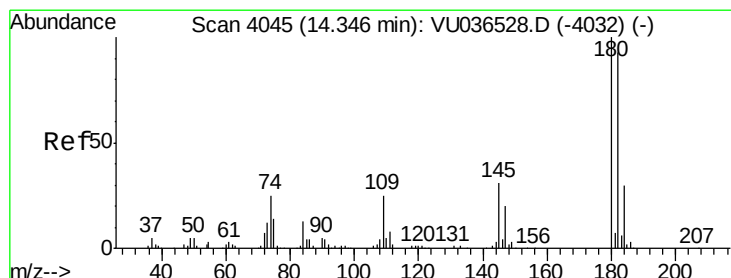
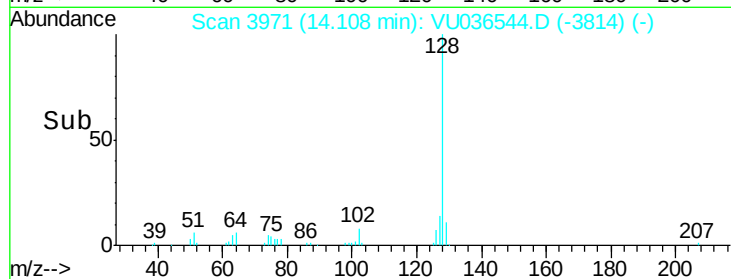
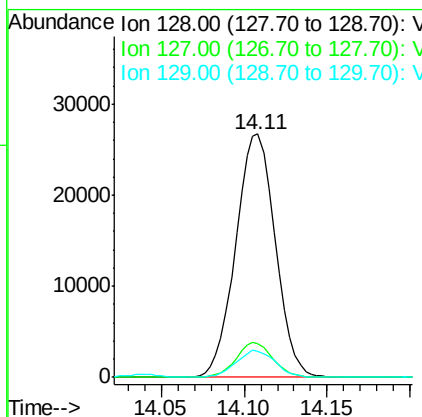
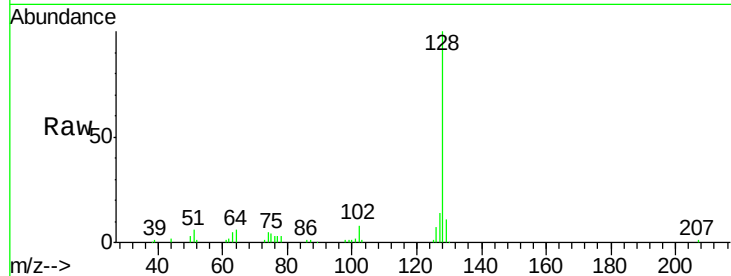
#89
Naphthalene
Concen: 1.903 ug/l
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.7	13.1

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#90
1,2,3-Trichlorobenzene
Concen: 2.046 ug/l
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	30.9	25.2	37.8

