

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037135.D
 Acq On : 09 Mar 2020 15:42
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Manual Integrations
 APPROVED

sam
 3/10/2020 3:06:37 PM

Quant Time: Mar 09 19:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	16834	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	6660	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6756	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	49473	6.020	ug/l	99
3) Chloromethane	1.54	50	67486	8.260	ug/l	100
4) Vinyl Chloride	1.62	62	55714	7.758	ug/l	100
5) Bromomethane	1.87	94	25315	10.107	ug/l	98
6) Chloroethane	1.95	64	31107	9.041	ug/l	98
7) Trichlorofluoromethane	2.16	101	81787	9.372	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	41110	10.041	ug/l #	93
9) 1,1-Dichloroethene	2.60	96	38122	9.793	ug/l	78
10) Iodomethane	2.75	142	20092	9.621	ug/l #	73
11) Allyl Chloride	2.95	41	74002	9.805	ug/l #	67
12) Acrylonitrile	3.36	53	47507	51.594	ug/l	97
13) Acetone	2.66	43	68737	67.163	ug/l #	80
14) Carbon Disulfide	2.82	76	123453	9.522	ug/l	100
15) Methylene Chloride	3.08	84	44793	9.165	ug/l #	77
16) trans-1,2-Dichloroethene	3.38	96	41658	10.076	ug/l	87
17) 1,1-Dichloroethane	3.91	63	91151	9.510	ug/l	99
18) 2-Butanone	4.76	43	85778	54.834	ug/l	97
19) Cyclohexane	5.42	56	84200m	10.316	ug/l	
20) Methylcyclohexane	6.79	83	83927	10.410	ug/l	89
21) 2,2-Dichloropropane	4.71	77	83544	9.553	ug/l	95
22) cis-1,2-Dichloroethene	4.71	96	52518	10.256	ug/l	83
23) Diethyl Ether	2.40	59	30202	9.159	ug/l	88
24) tert-Butyl Alcohol	3.23	59	18545	51.436	ug/l	97
25) Methyl tert-Butyl Ether	3.41	73	110315	9.671	ug/l #	71
26) Bromochloromethane	5.02	128	23071	10.237	ug/l	83
27) Chloroform	5.13	83	97713	9.467	ug/l	99
28) 1,1,1-Trichloroethane	5.35	97	87555	9.951	ug/l	97
29) 1,1-Dichloropropene	5.56	75	70515	9.863	ug/l	97
30) Carbon Tetrachloride	5.56	117	77045	10.007	ug/l	99
31) Isopropyl Ether	4.05	45	164228	10.734	ug/l #	1
34) Propionitrile	4.83	54	40837	99.253	ug/l #	93
35) Benzene	5.81	78	200832	9.888	ug/l	98
36) 1,2-Dichloroethane	5.83	62	70676	9.599	ug/l #	93
37) Trichloroethene	6.57	130	52120	9.780	ug/l	92
38) 1,2-Dichloropropane	6.82	63	54218	9.725	ug/l	99
39) Methacrylonitrile	5.02	41	19534	9.840	ug/l #	83
40) Methyl acrylate	4.90	55	27053	9.855	ug/l #	93
41) Tetrahydrofuran	5.11	42	48596	49.067	ug/l #	85
42) 1-Chlorobutane	5.49	56	104738	10.171	ug/l	84
43) Dibromomethane	6.95	93	28504	9.975	ug/l	90
44) Bromodichloromethane	7.14	83	74331	9.991	ug/l	98

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Manual Integrations
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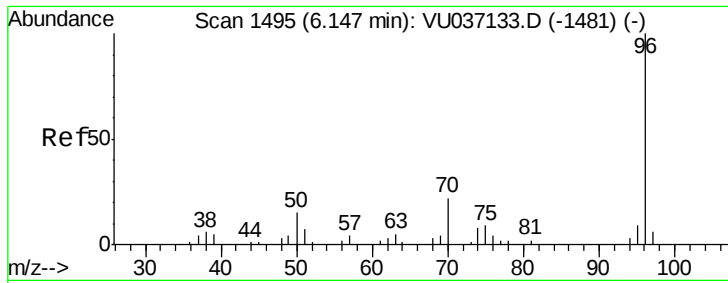
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Quant Time: Mar 09 19:17:09 2020
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 4-Methyl-2-Pentanone	7.83	43	186374	48.636	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.86	75	12048m	11.487	ug/l	
47) Methyl methacrylate	7.00	69	24747	10.478	ug/l #	62
48) Ethyl methacrylate	8.36	69	49600	10.630	ug/l	67
49) Toluene	8.00	92	128394	10.468	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	71342	10.645	ug/l	100
51) cis-1,3-Dichloropropene	7.64	75	79976	10.448	ug/l #	81
52) 1,1,2-Trichloroethane	8.43	97	39004	10.231	ug/l	97
53) 1,3-Dichloropropane	8.60	76	66644	9.856	ug/l	98
54) 2-Hexanone	8.71	43	144348	54.680	ug/l	87
55) Dibromochloromethane	8.84	129	48772	10.335	ug/l	98
56) 1,2-Dibromoethane	8.95	107	37567	10.405	ug/l	98
58) Tetrachloroethene	8.58	164	48079	9.612	ug/l	93
59) Chlorobenzene	9.47	112	132453	9.676	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	50559	10.090	ug/l	97
61) Pentachloroethane	11.45	117	40269	10.534	ug/l	96
62) Hexachloroethane	12.49	117	43056	10.521	ug/l	84
63) Ethyl Benzene	9.59	91	255780	10.946	ug/l	95
64) m/p-Xylenes	9.72	106	191152	21.609	ug/l	88
65) o-Xylene	10.12	106	90706	10.627	ug/l	91
66) Styrene	10.13	104	156150	11.177	ug/l	95
67) Bromoform	10.31	173	25894	10.396	ug/l #	96
69) Isopropylbenzene	10.50	105	256086	11.007	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.80	83	49981	9.967	ug/l	98
71) 1,2,3-Trichloropropane	10.84	75	36386m	8.876	ug/l	
72) Bromobenzene	10.80	156	57394	10.195	ug/l	90
73) n-propylbenzene	10.92	120	67451	10.937	ug/l	78
74) 2-Chlorotoluene	11.00	126	59118	10.590	ug/l	87
75) 1,3,5-Trimethylbenzene	11.11	105	230436	11.439	ug/l	95
76) 4-Chlorotoluene	11.11	126	61204	10.891	ug/l	77
77) tert-Butylbenzene	11.44	119	210051	10.697	ug/l	93
78) 1,2,4-Trimethylbenzene	11.48	105	228434	11.234	ug/l	95
79) sec-Butylbenzene	11.66	105	268521	10.050	ug/l	98
80) Nitrobenzene	13.24	77	1088	9.913	ug/l #	91
81) p-Isopropyltoluene	11.81	119	241106	11.449	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	113430	10.169	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	114469	10.129	ug/l	99
84) n-Butylbenzene	12.22	91	236707	11.865	ug/l	96
85) 1,2-Dichlorobenzene	12.23	146	106775	9.892	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	9543	10.783	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.87	180	68406	12.609	ug/l	98
88) Hexachlorobutadiene	14.05	225	35804	10.664	ug/l	99
89) Naphthalene	14.12	128	120368	10.799	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	63169	11.963	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 96 Resp: 16834

Ion Ratio Lower Upper

96 100

70 19.9 15.6 23.4

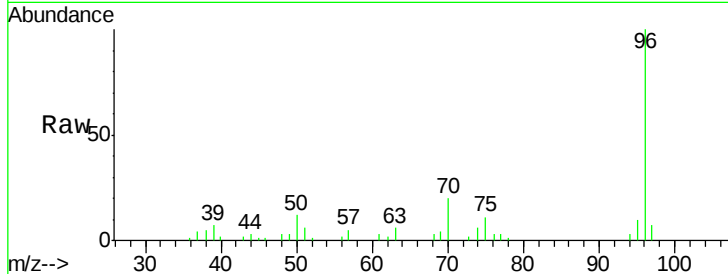
95 9.3 7.0 10.6

97 0.0 0.0 0.0

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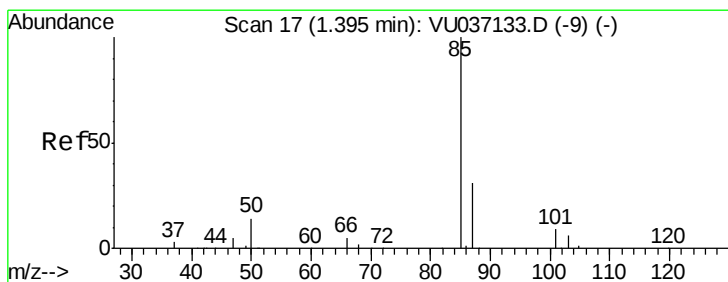
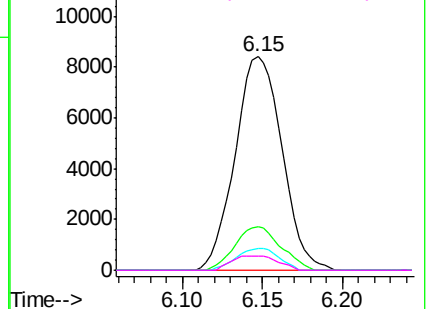
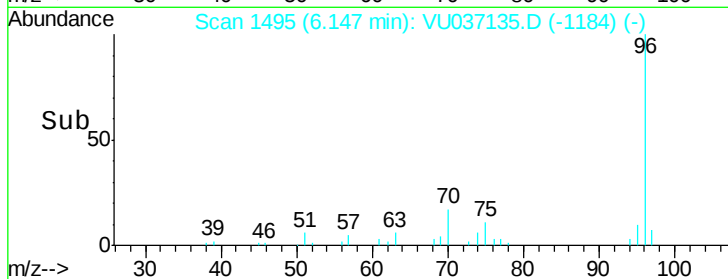


Abundance Ion 96.00 (95.70 to 96.70): VU037133.D (-1481) (-)

Ion 70.00 (69.70 to 70.70): VU037133.D (-1481) (-)

Ion 95.00 (94.70 to 95.70): VU037133.D (-1481) (-)

Ion 97.00 (96.70 to 97.70): VU037133.D (-1481) (-)



#2

Dichlorodifluoromethane

Concen: 6.020 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037135.D

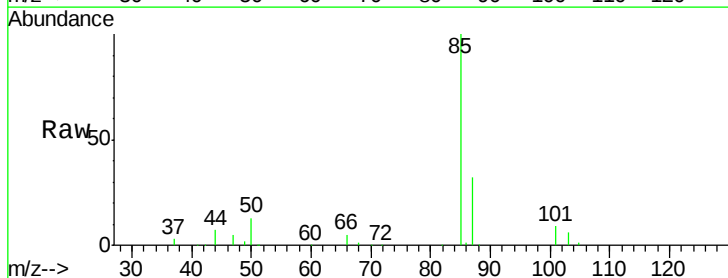
Acq: 09 Mar 2020 15:42

Tgt Ion: 85 Resp: 49473

Ion Ratio Lower Upper

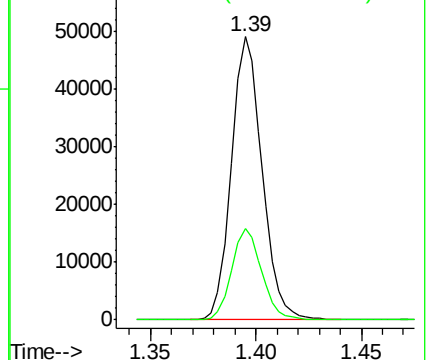
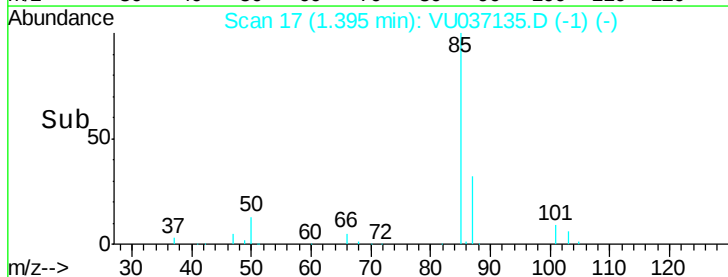
85 100

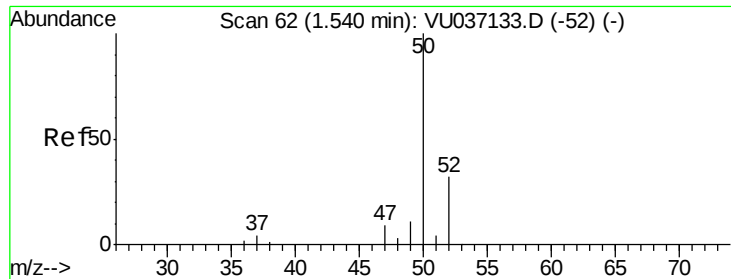
87 32.1 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU037133.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU037133.D (-9) (-)





#3

Chloromethane

Concen: 8.260 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 50 Resp: 67486

Ion Ratio Lower Upper

50 100

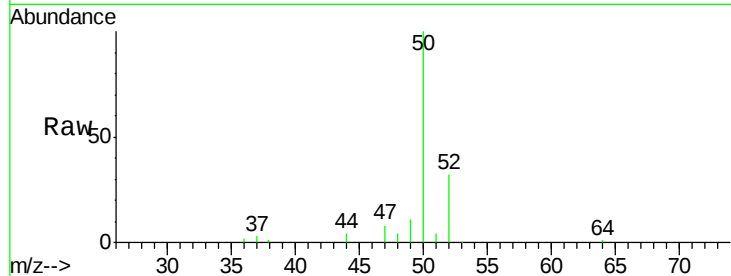
52 32.2 26.0 39.0

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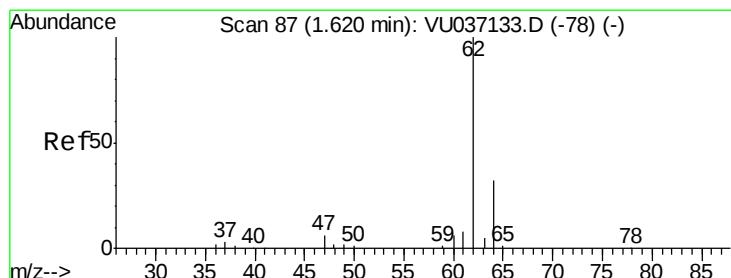
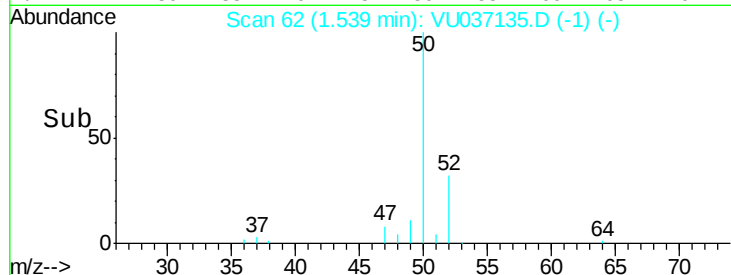
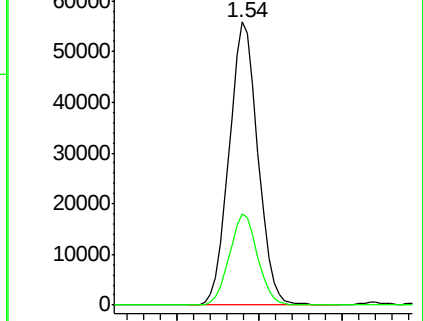
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Abundance Ion 50.00 (49.70 to 50.70): VU037133.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037133.D (-52) (-)



#4

Vinyl Chloride

Concen: 7.758 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU037135.D

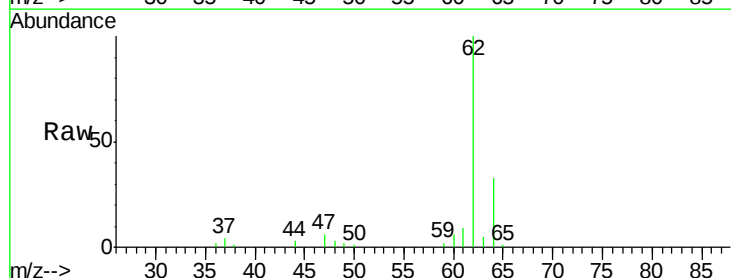
Acq: 09 Mar 2020 15:42

Tgt Ion: 62 Resp: 55714

Ion Ratio Lower Upper

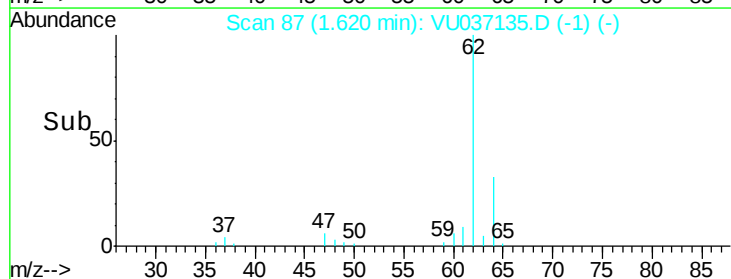
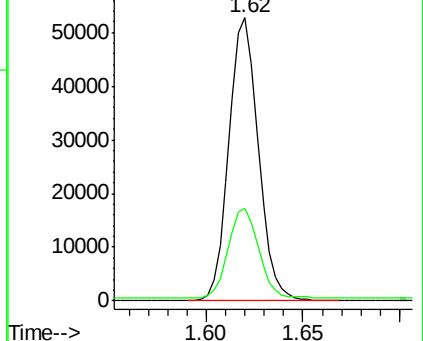
62 100

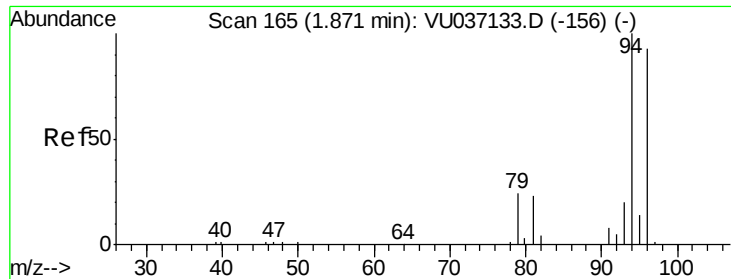
64 31.6 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VU037133.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU037133.D (-78) (-)





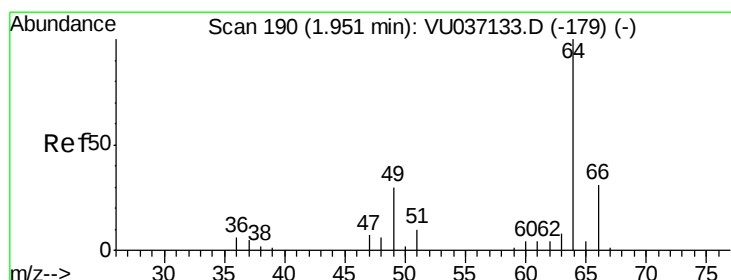
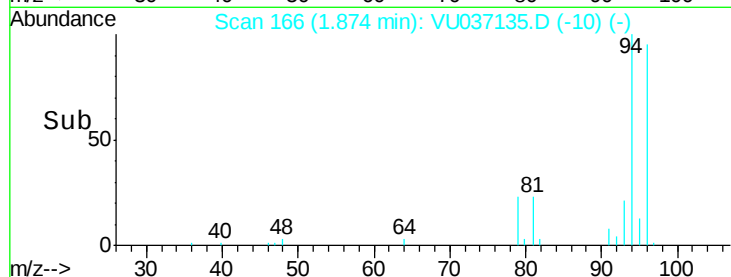
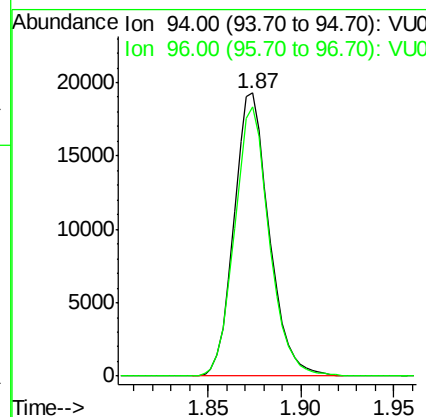
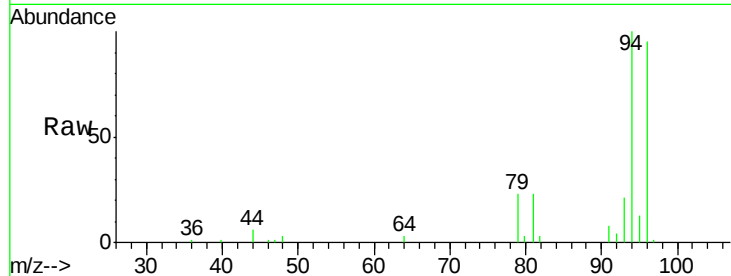
#5
Bromomethane
Concen: 10.107 ug/l
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion: 94 Resp: 25315
Ion Ratio Lower Upper
94 100
96 95.0 74.6 112.0

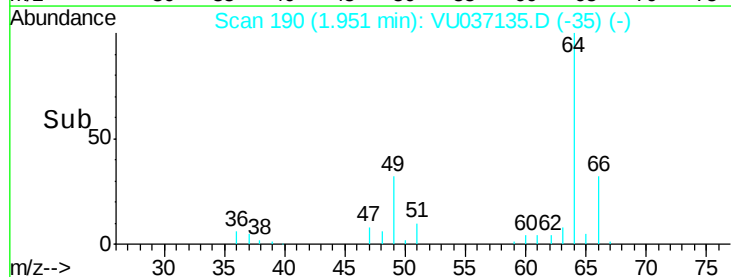
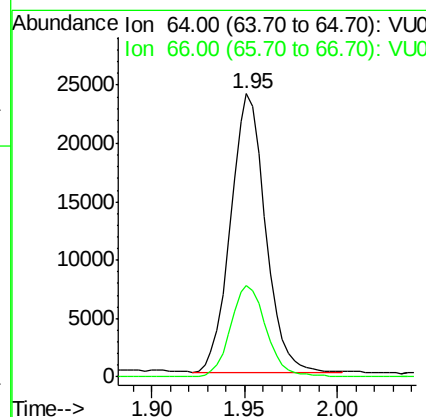
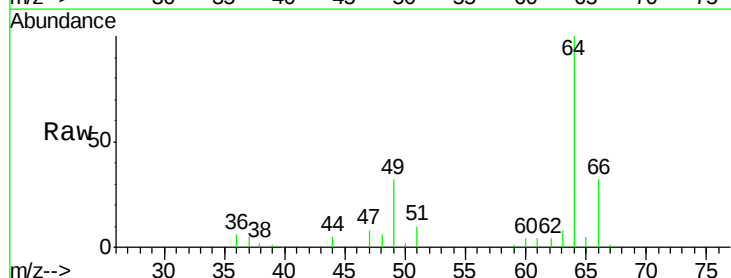
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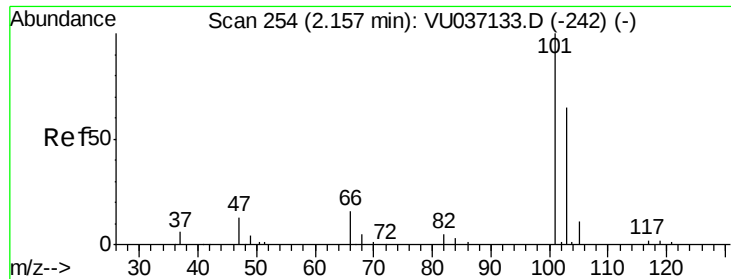
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#6
Chloroethane
Concen: 9.041 ug/l
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 64 Resp: 31107
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3





#7

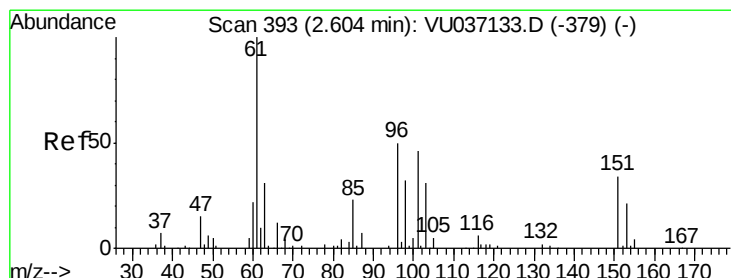
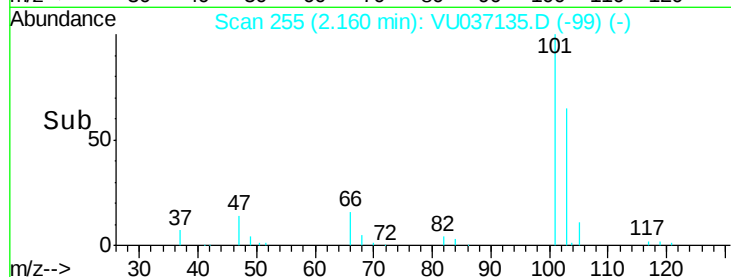
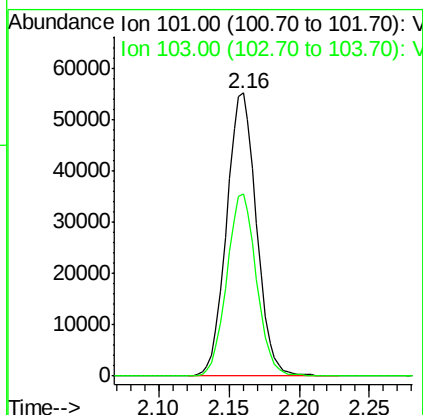
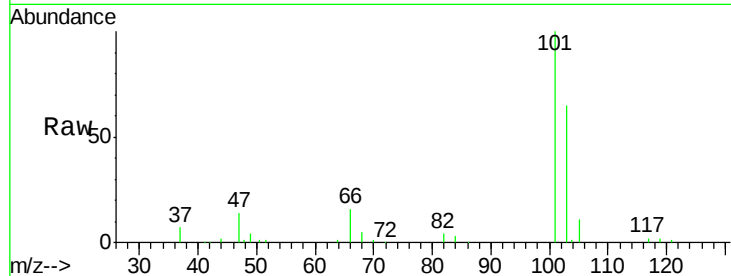
Trichlorofluoromethane
Concen: 9.372 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion:101 Resp: 81787
Ion Ratio Lower Upper
101 100
103 64.5 53.0 79.6

Manual Integrations
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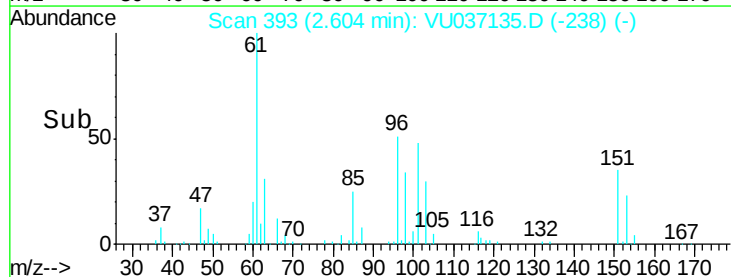
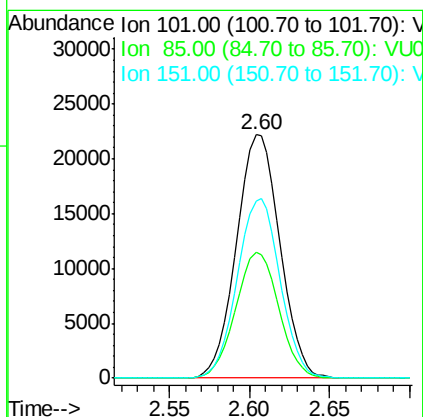
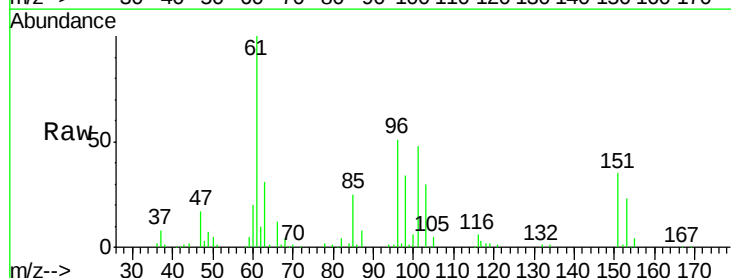
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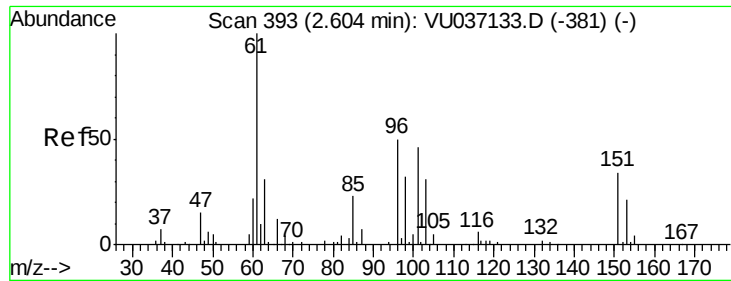


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.041 ug/l
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:101 Resp: 41110
Ion Ratio Lower Upper
101 100
85 51.2 33.9 50.9#
151 72.6 59.8 89.8





#9

1,1-Dichloroethene

Concen: 9.793 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

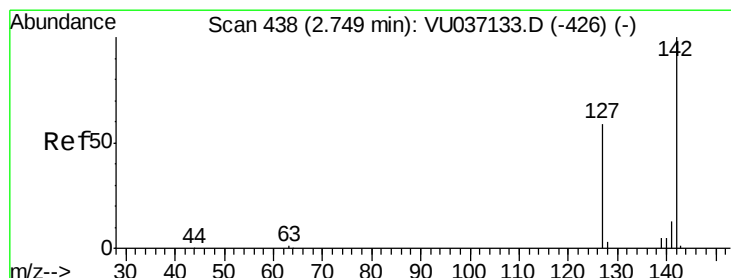
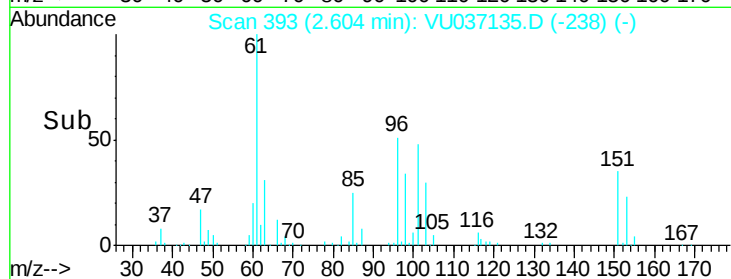
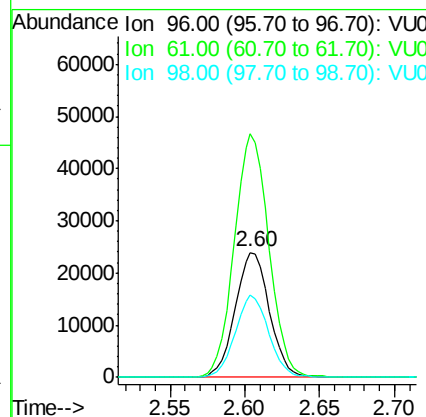
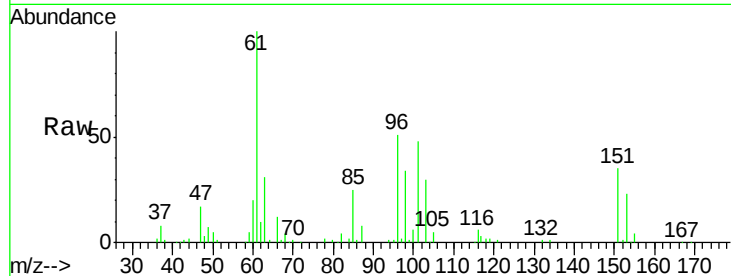
ClientSampleId :

ICVVU030920

Tot Ion:	96	Resp:	38122
Ion Ratio	Lower	Upper	
96	100		
61	194.8	0.0	463.2
98	65.4	0.0	130.0

Manual Integrations
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#10

Iodomethane

Concen: 9.621 ug/l

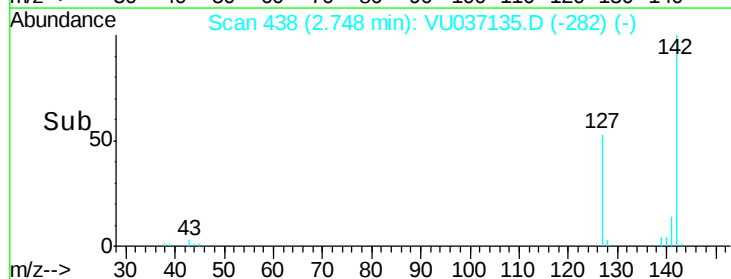
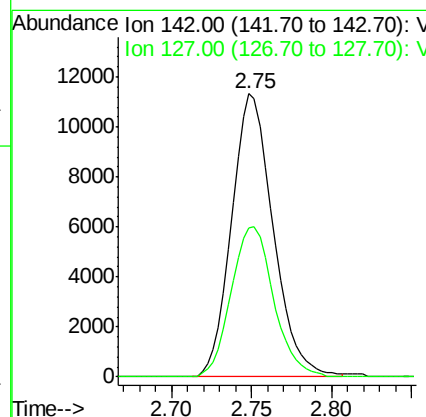
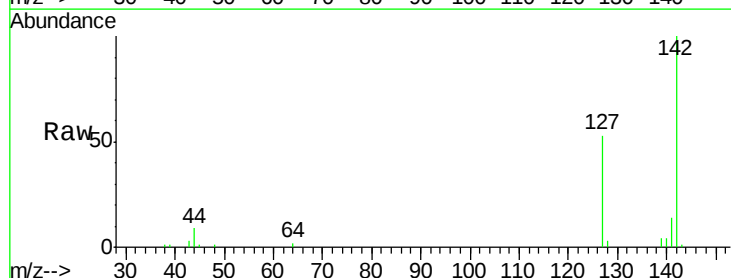
RT: 2.75 min Scan# 438

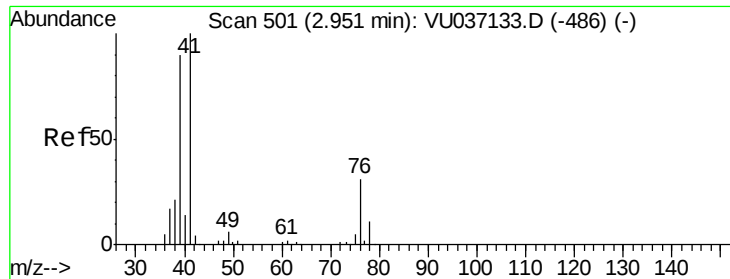
Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion:	142	Resp:	20092
Ion Ratio	Lower	Upper	
142	100		
127	54.2	30.3	45.5#





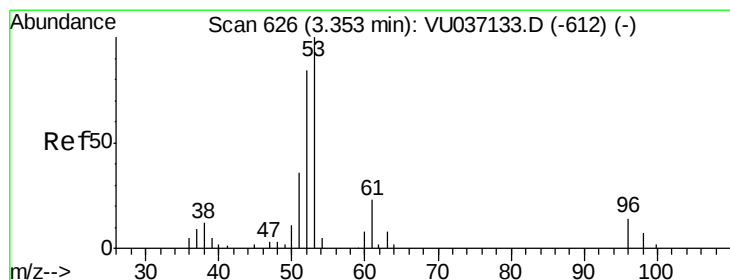
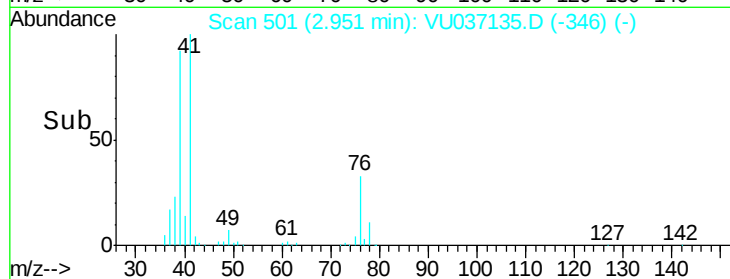
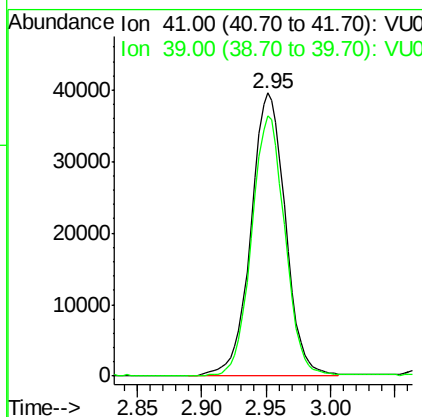
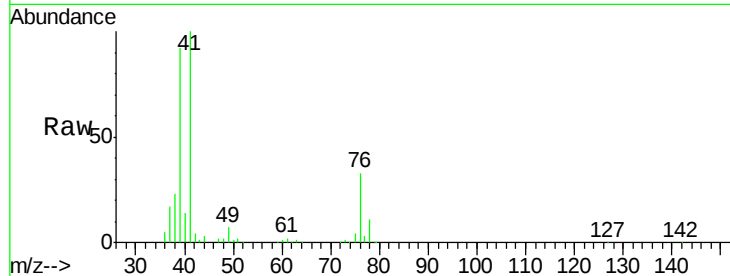
#11
 Allvl Chloride
 Concen: 9.805 ug/l
 RT: 2.95 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion: 41 Resp: 74002
 Ion Ratio Lower Upper
 41 100
 39 89.0 50.7 76.1#

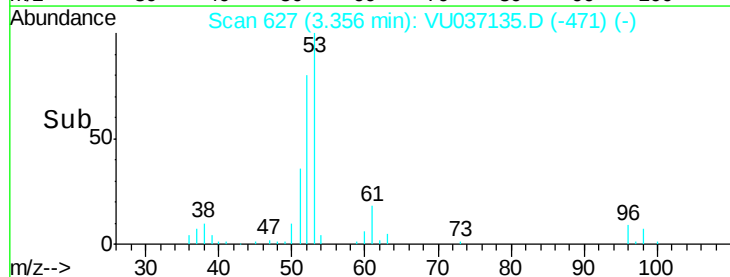
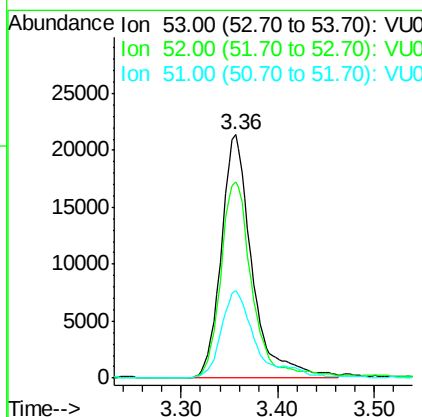
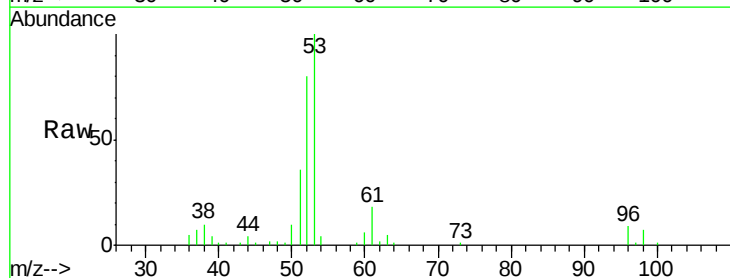
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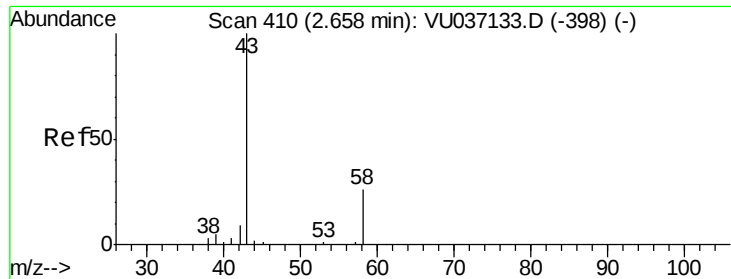
sam
 3/10/2020 3:06:37 PM



#12
 Acrylonitrile
 Concen: 51.594 ug/l
 RT: 3.36 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 53 Resp: 47507
 Ion Ratio Lower Upper
 53 100
 52 81.1 64.6 97.0
 51 39.3 27.2 40.8





#13

Acetone

Concen: 67.163 ug/l

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 43 Resp: 68737

Ion Ratio Lower Upper

43 100

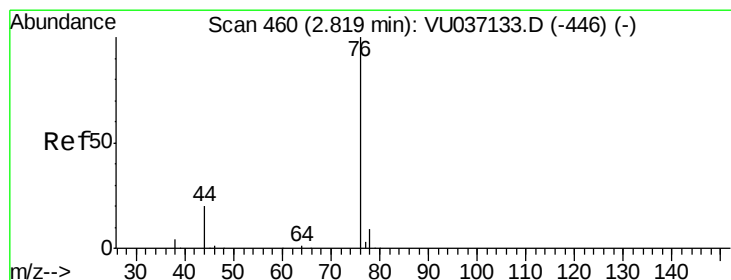
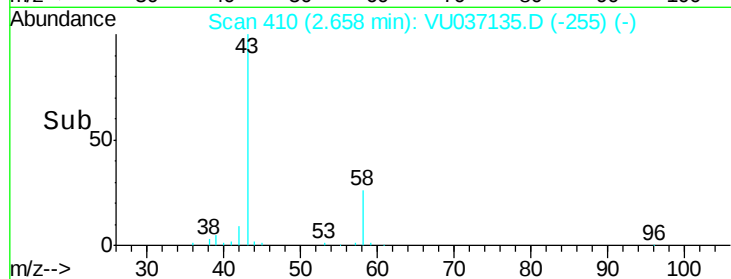
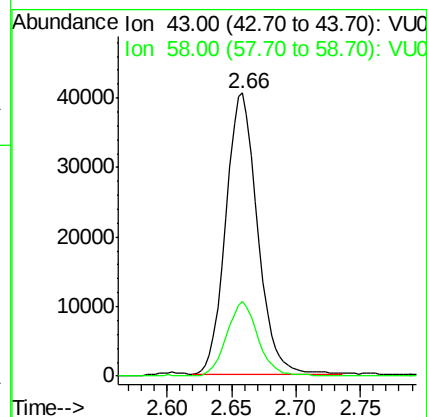
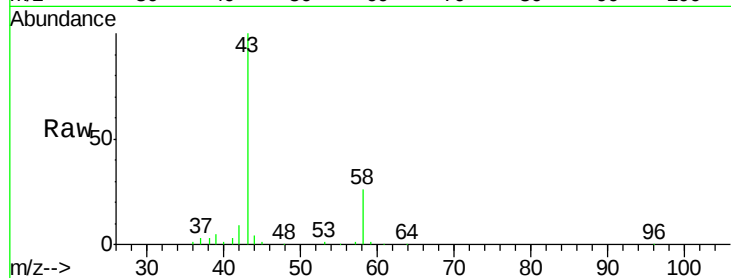
58 26.5 30.8 46.2#

Manual Integrations

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sam

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#14

Carbon Disulfide

Concen: 9.522 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037135.D

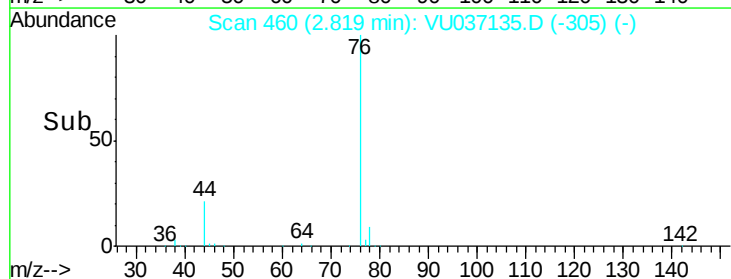
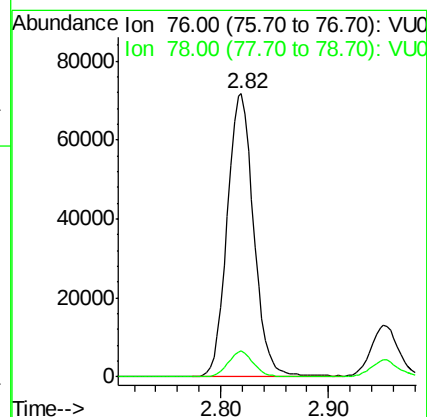
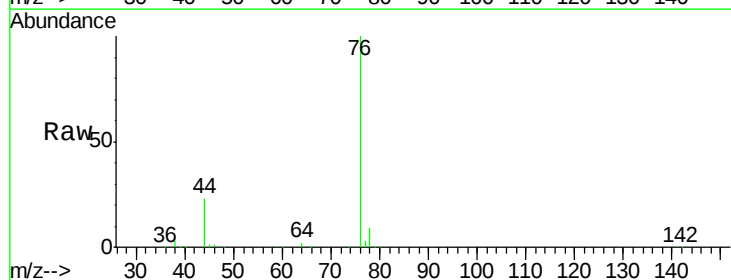
Acq: 09 Mar 2020 15:42

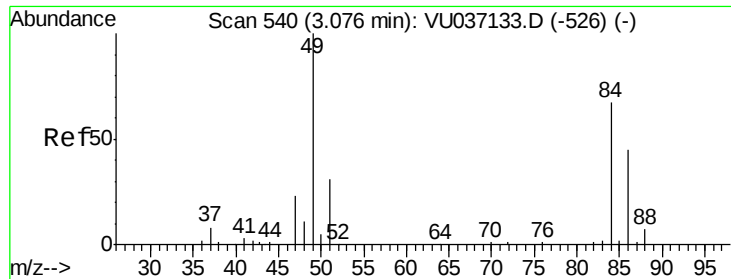
Tgt Ion: 76 Resp: 123453

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





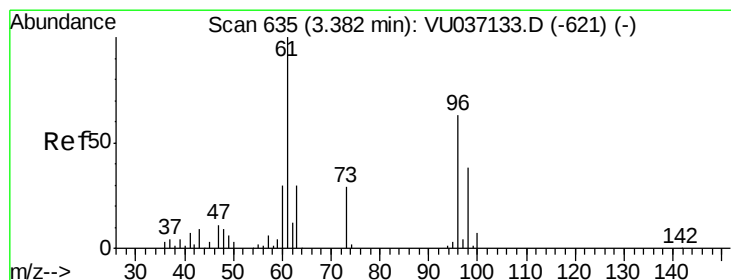
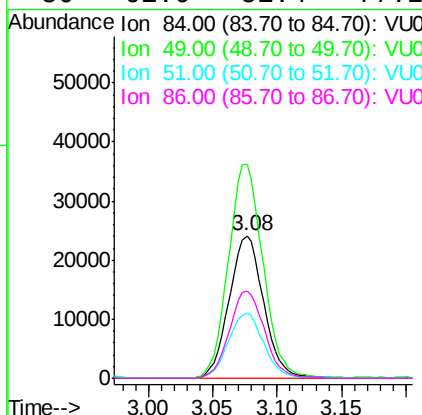
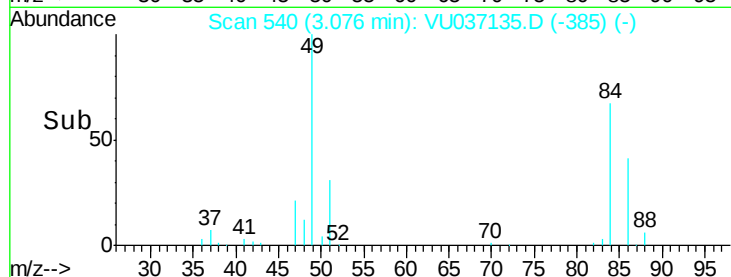
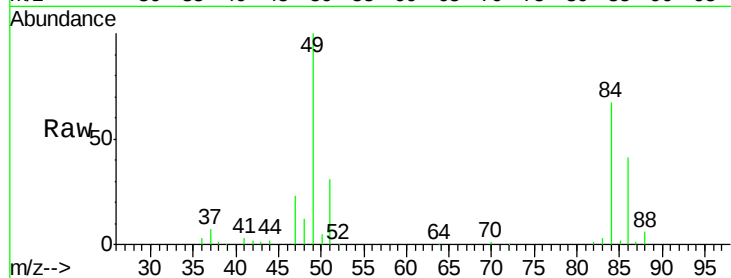
#15
Methvlene Chloride
Concen: 9.165 ug/l
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	Ratio	Lower	Upper
84	100		
49	149.7	89.7	134.5#
51	45.8	0.0	71.6
86	61.0	51.4	77.2

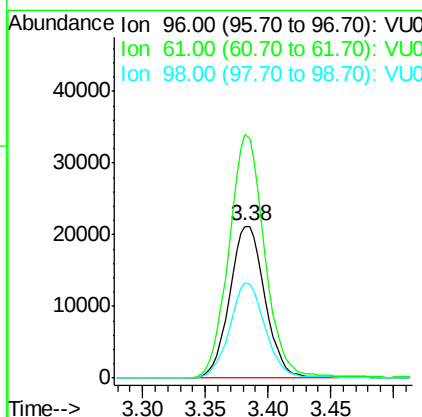
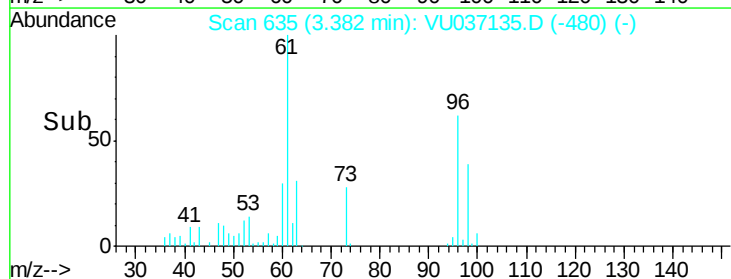
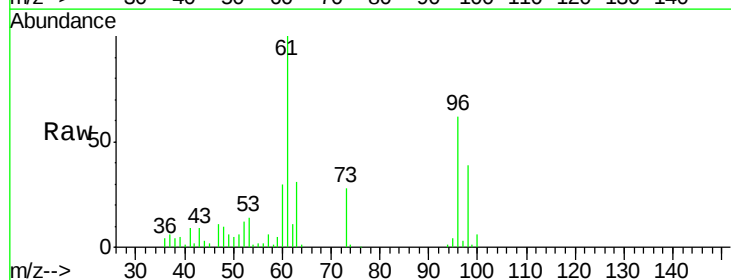
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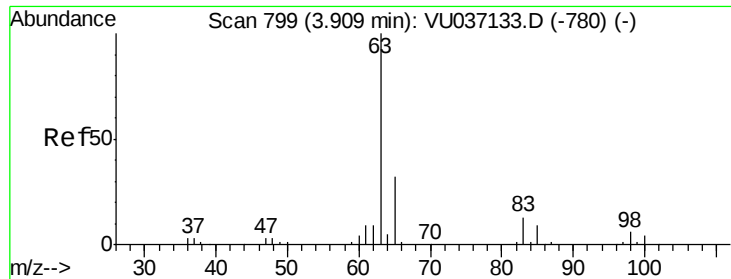
sam
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#16
trans-1,2-Dichloroethene
Concen: 10.076 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	110.8	166.2
98	62.3	50.3	75.5





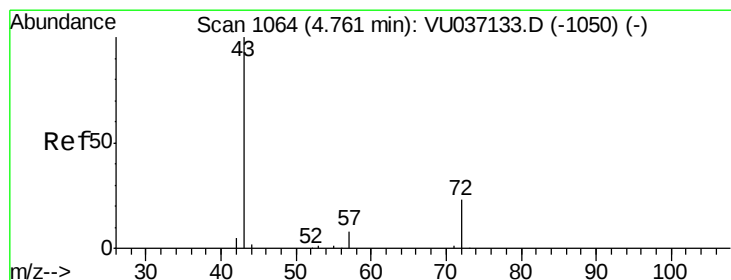
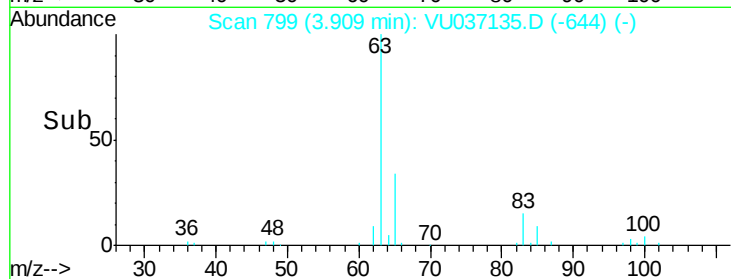
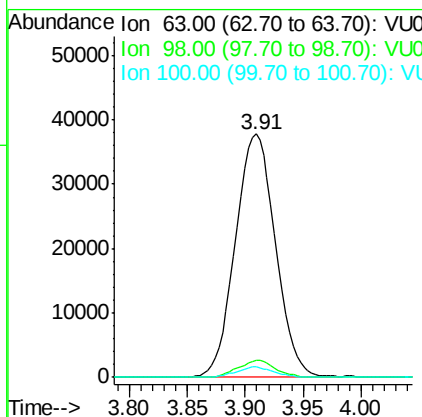
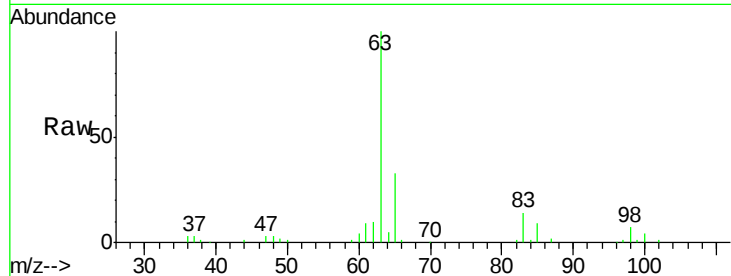
#17
 1,1-Dichloroethane
 Concen: 9.510 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.5
100	4.3	2.4	7.1

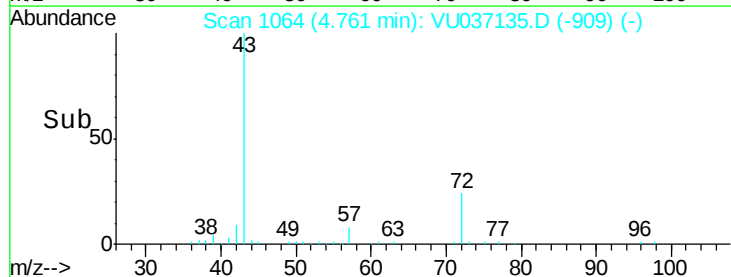
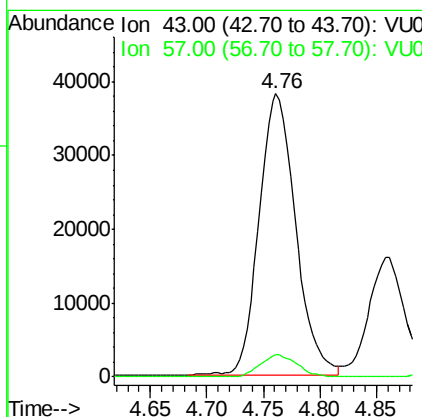
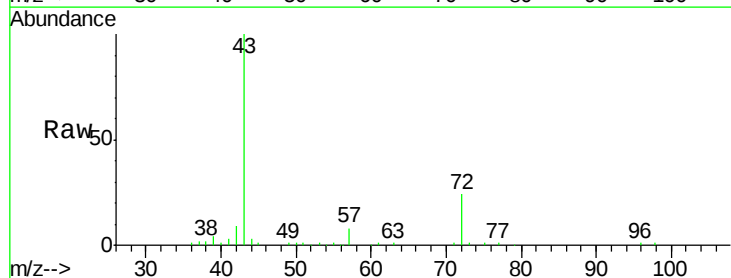
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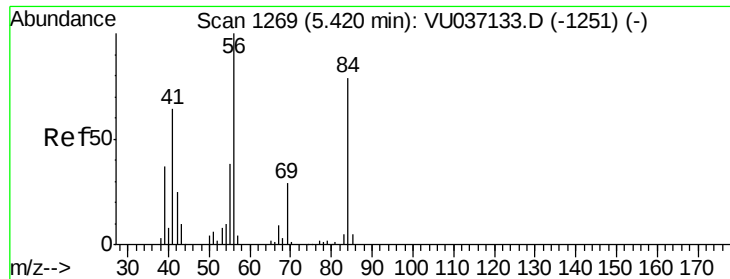
sam
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#18
 2-Butanone
 Concen: 54.834 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	0.0	17.8





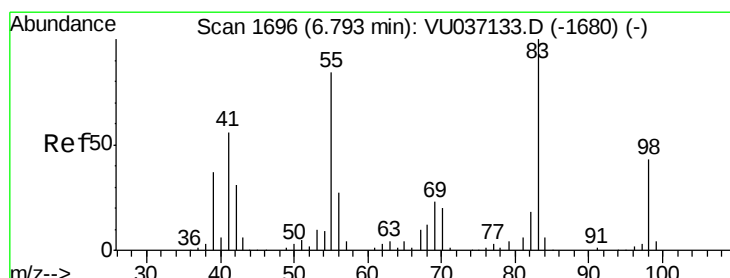
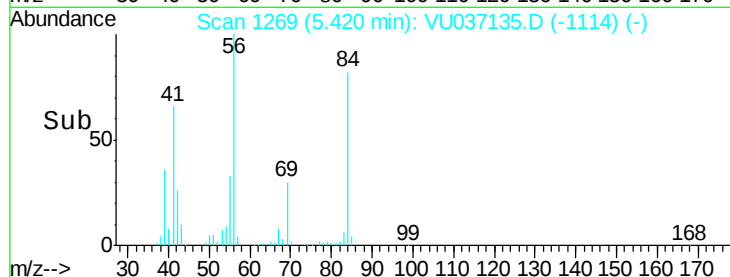
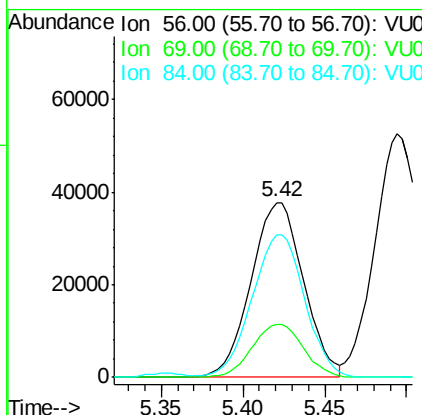
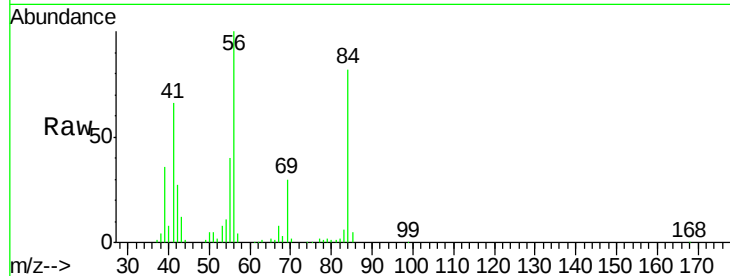
#19
Cyclohexane
Concen: 10.316 ug/l m
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	26.2	39.2
84	80.2	72.8	109.2

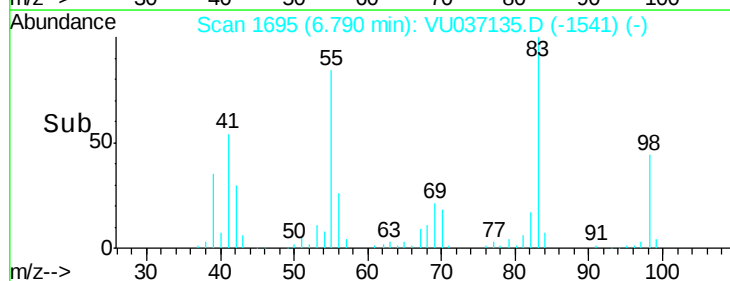
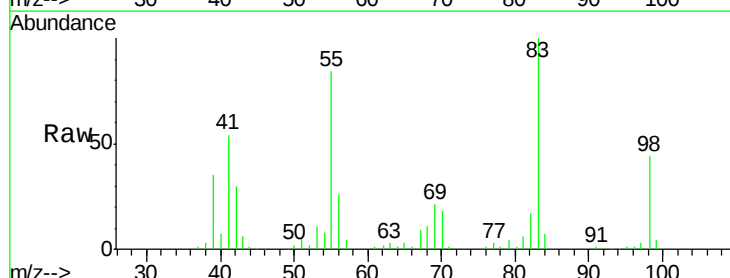
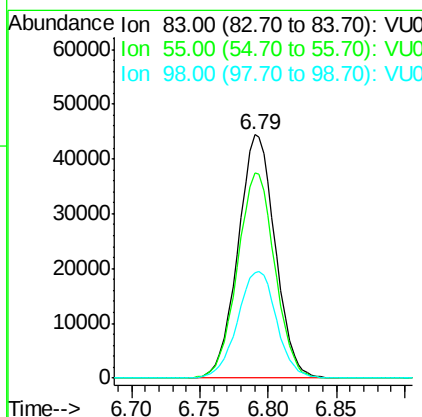
Manual Integrations
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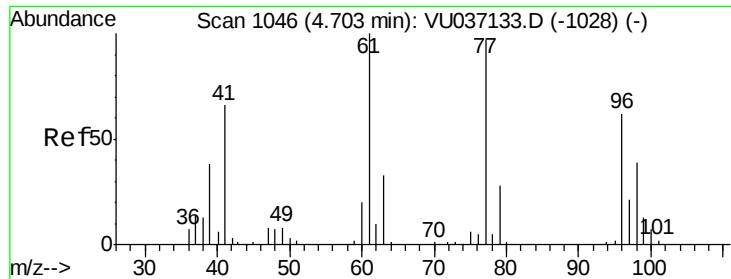
sam
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#20
Methylcyclohexane
Concen: 10.410 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.8	56.6	85.0
98	46.1	37.5	56.3





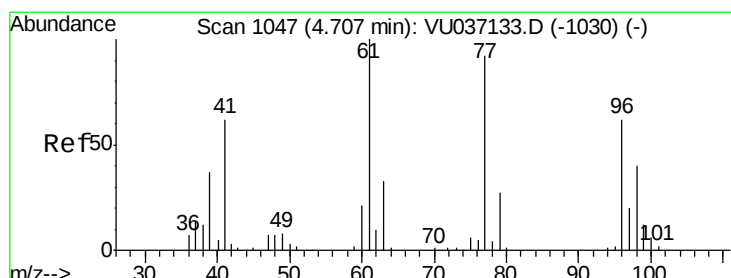
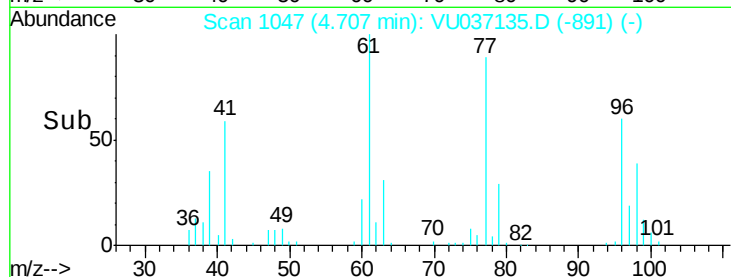
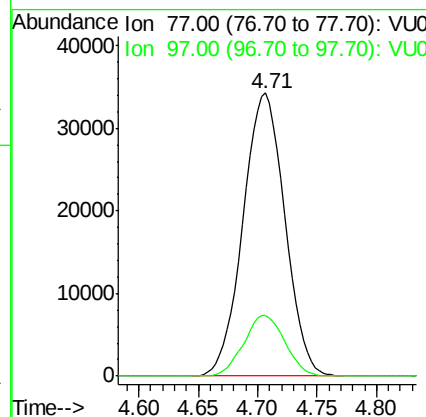
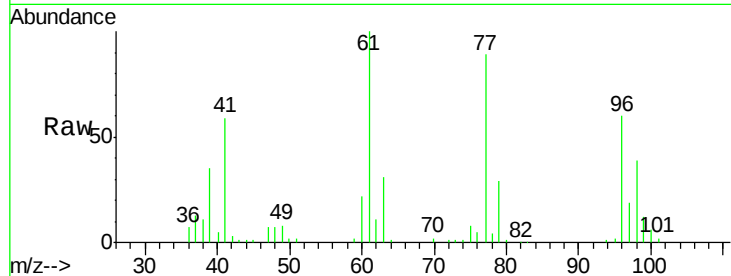
#21
 2,2-Dichloropropane
 Concen: 9.553 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion: 77 Resp: 83544
 Ion Ratio Lower Upper
 77 100
 97 21.1 19.0 28.4

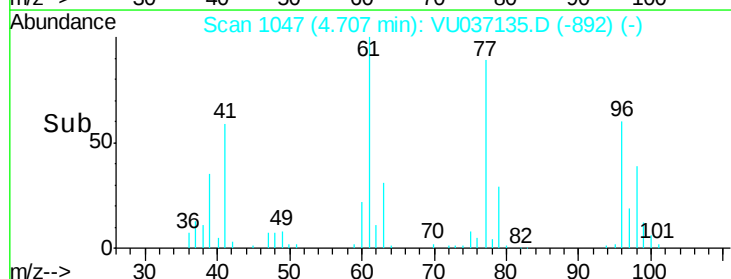
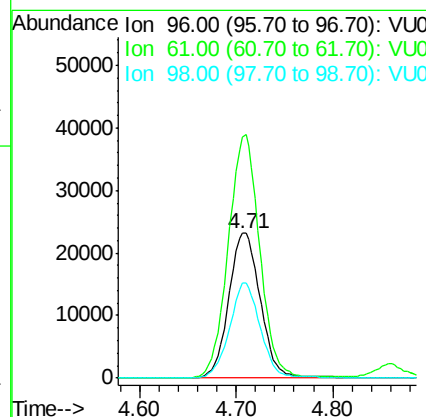
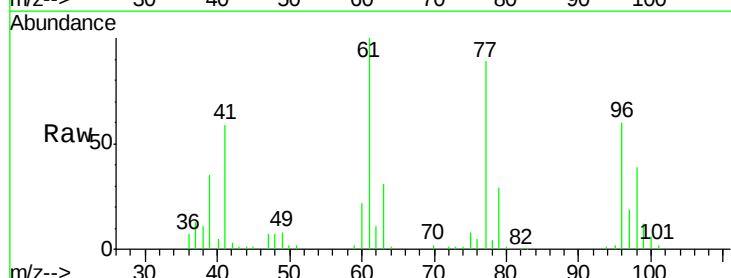
Manual Integrations
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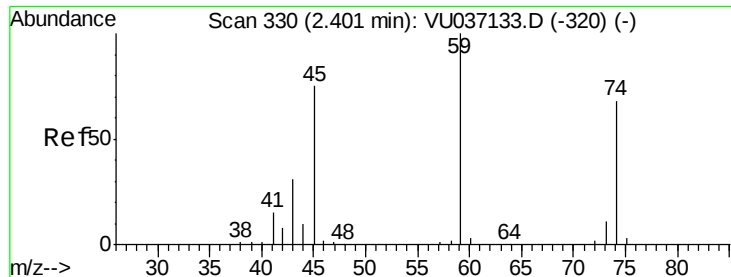
sam
 3/10/2020 3:06:37 PM



#22
 cis-1,2-Dichloroethene
 Concen: 10.256 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 96 Resp: 52518
 Ion Ratio Lower Upper
 96 100
 61 167.2 0.0 342.0
 98 63.5 32.0 96.0





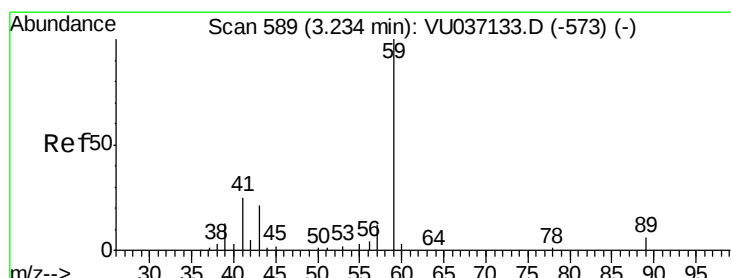
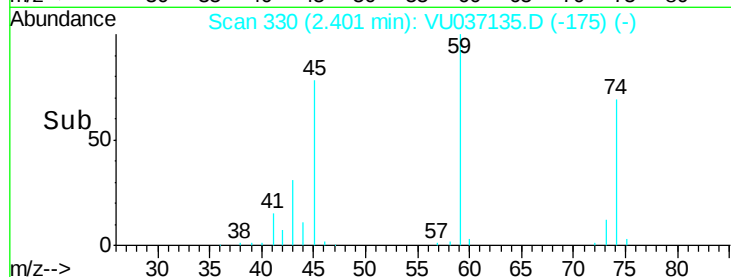
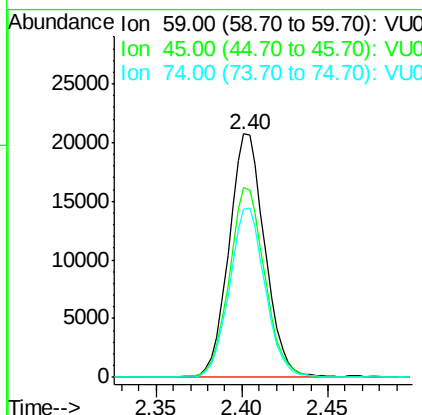
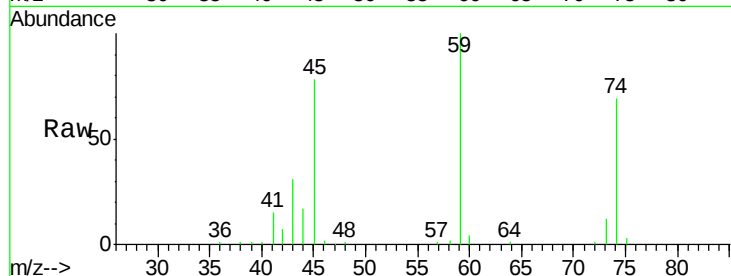
#23
Diethyl Ether
Concen: 9.159 ug/l
RT: 2.40 min Scan# 330
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	Ratio	Lower	Upper
59	100		
45	77.5	52.4	78.6
74	69.0	62.1	93.1

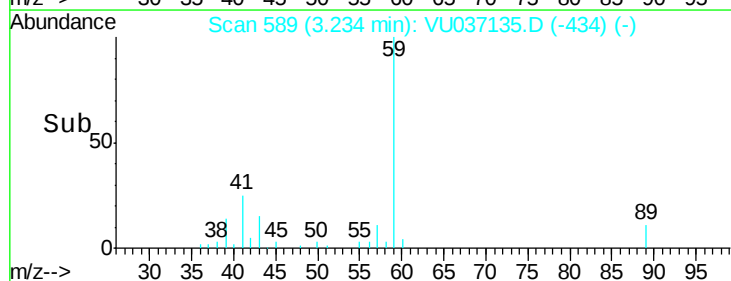
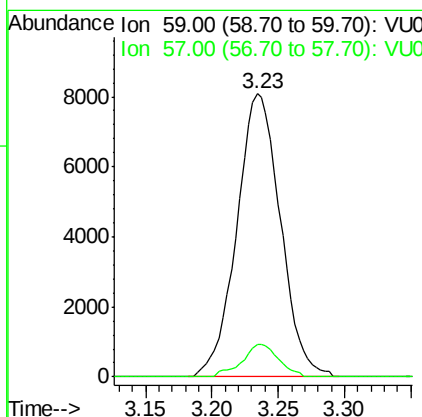
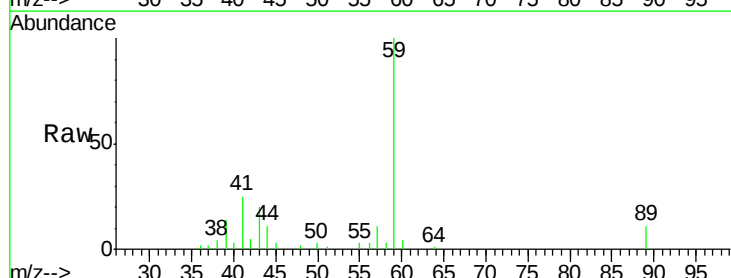
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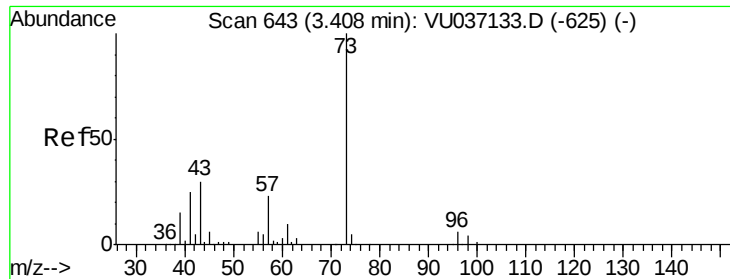
sam
3/10/2020 3:06:37 PM



#24
tert-Butyl Alcohol
Concen: 51.436 ug/l
RT: 3.23 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6





#25

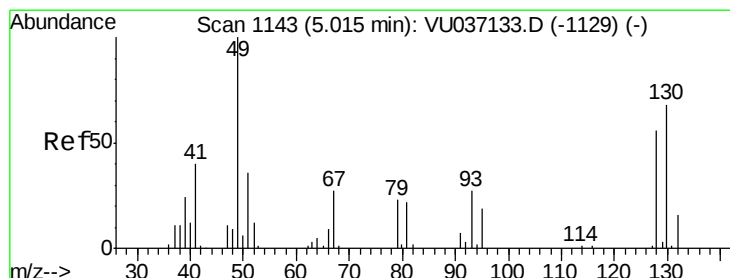
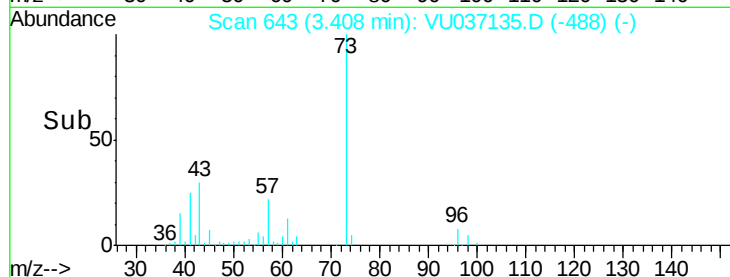
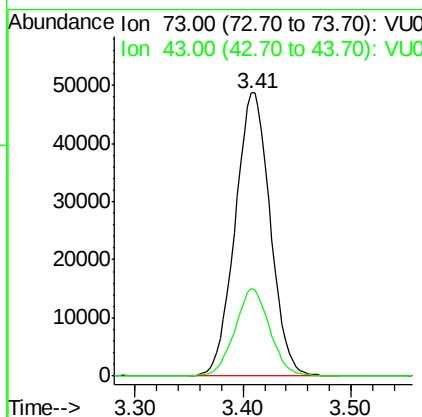
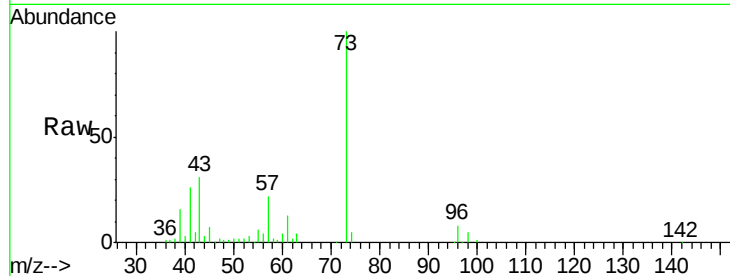
Methyl tert-Butyl Ether
 Concen: 9.671 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU030920

Tot Ion: 73 Resp: 110315
 Ion Ratio Lower Upper
 73 100
 43 30.9 14.5 21.7#

Manual Integrations
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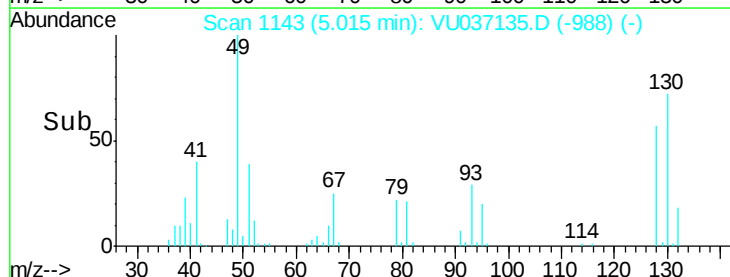
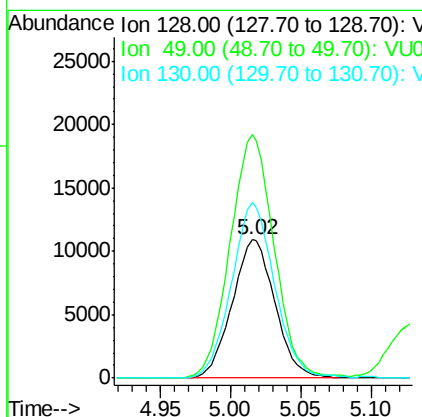
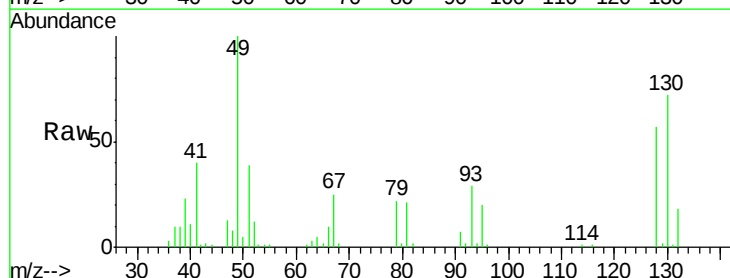
sam
 3/10/2020 3:06:37 PM

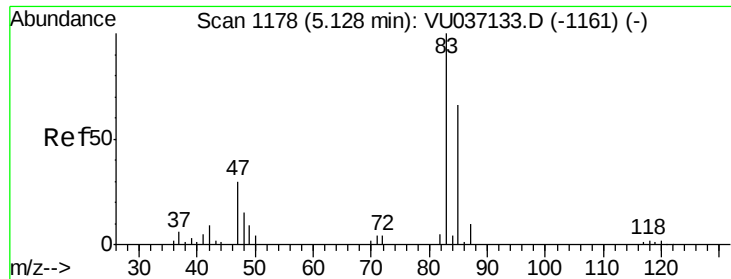


#26

Bromochloromethane
 Concen: 10.237 ug/l
 RT: 5.02 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 128 Resp: 23071
 Ion Ratio Lower Upper
 128 100
 49 180.7 0.0 286.2
 130 128.5 104.3 156.5





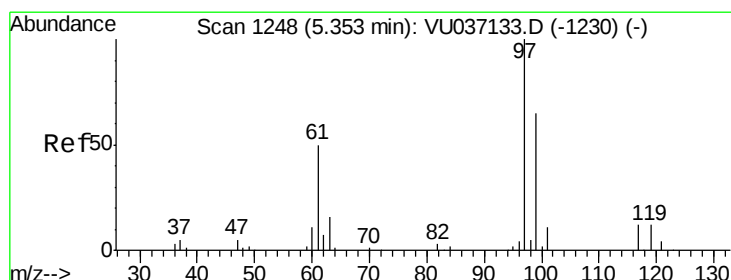
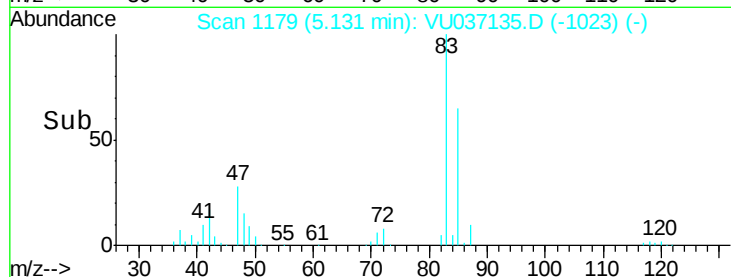
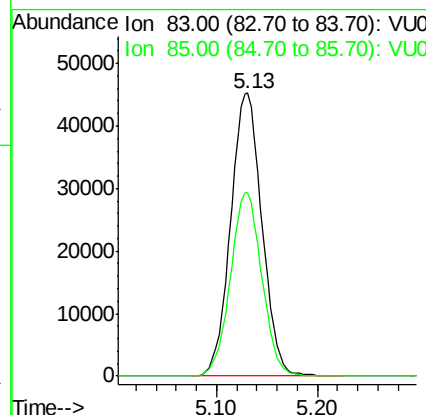
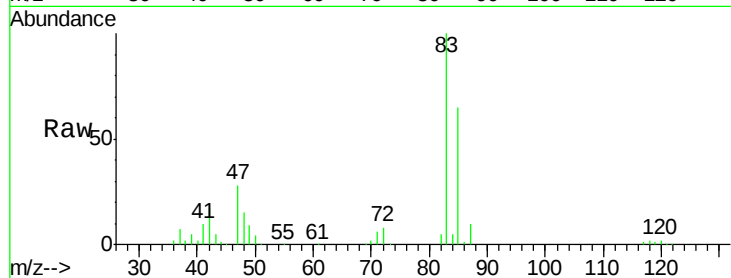
#27
Chloroform
Concen: 9.467 ug/l
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	83	Resp	97713
Ion Ratio	100	Lower	Upper
85	64.9	0.0	129.0

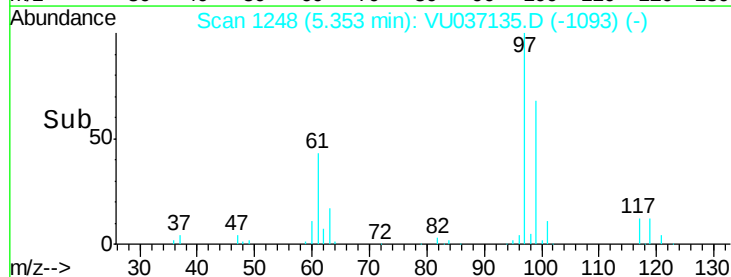
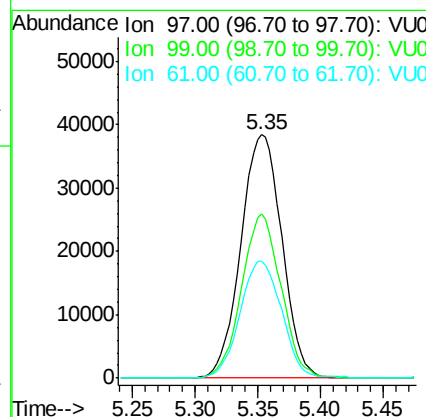
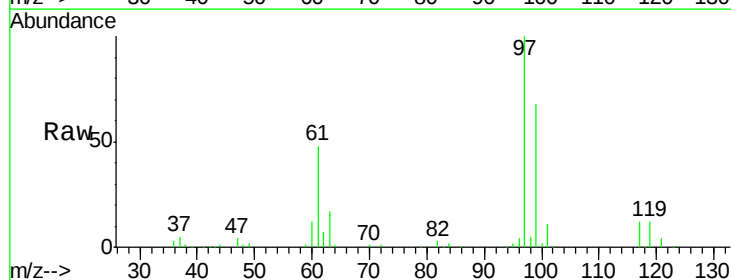
Manual Integrations
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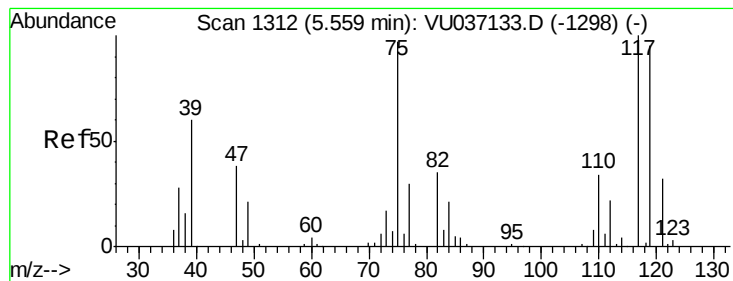
sam
3/10/2020 3:06:37 PM



#28
1,1,1-Trichloroethane
Concen: 9.951 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	97	Resp	87555
Ion Ratio	100	Lower	Upper
99	64.9	32.1	96.3
61	48.8	22.7	68.0





#29

1,1-Dichloropropene

Concen: 9.863 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 75 Resp: 70515

Ion Ratio Lower Upper

75 100

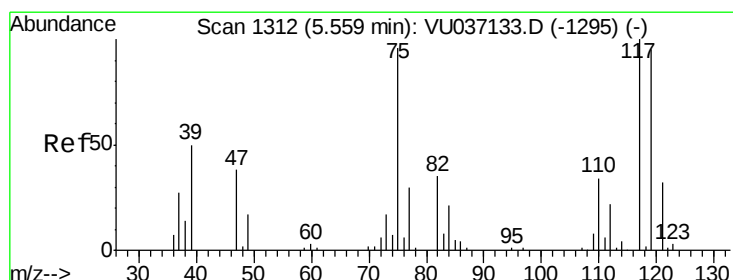
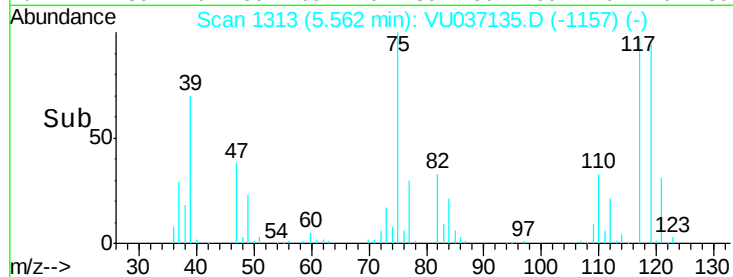
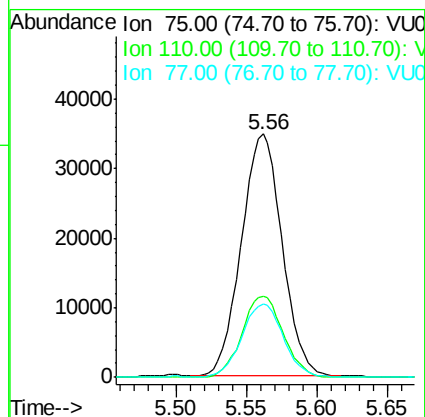
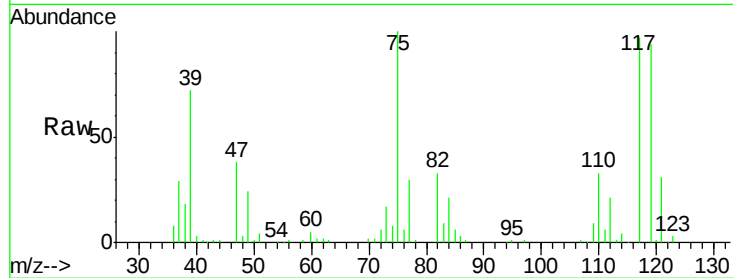
110 33.7 18.6 55.8

77 31.2 25.0 37.4

Manual Integrations
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sam

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#30

Carbon Tetrachloride

Concen: 10.007 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

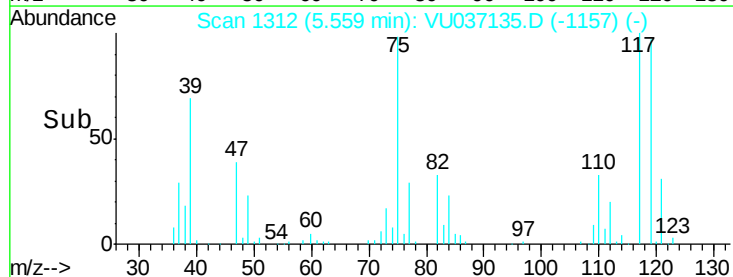
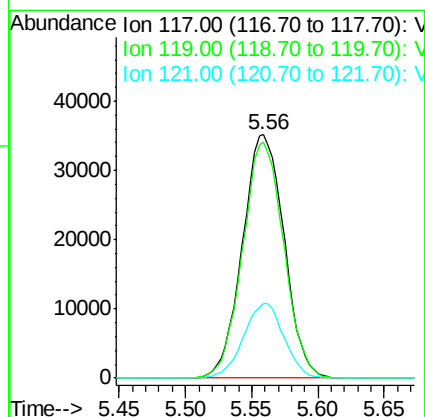
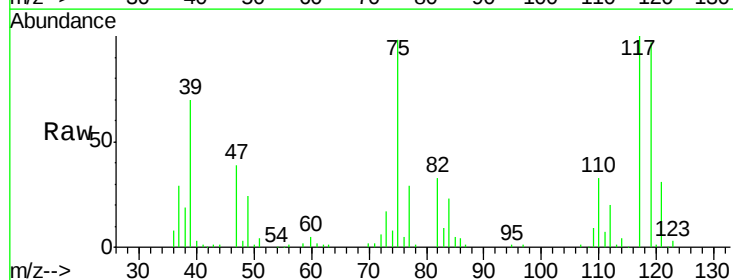
Tgt Ion: 117 Resp: 77045

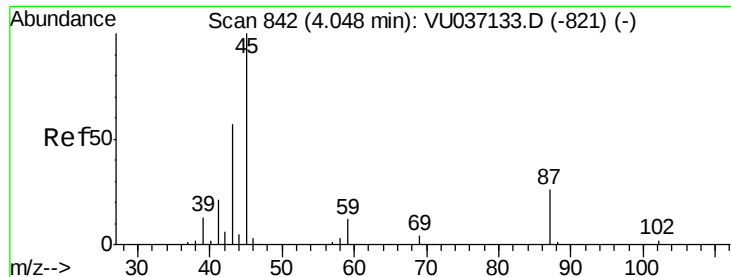
Ion Ratio Lower Upper

117 100

119 96.7 77.0 115.6

121 30.6 23.3 34.9





#31

Isopropyl Ether

Concen: 10.734 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 45 Resp: 164228

Ion Ratio Lower Upper

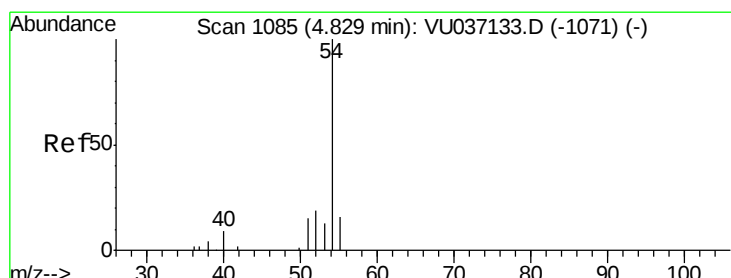
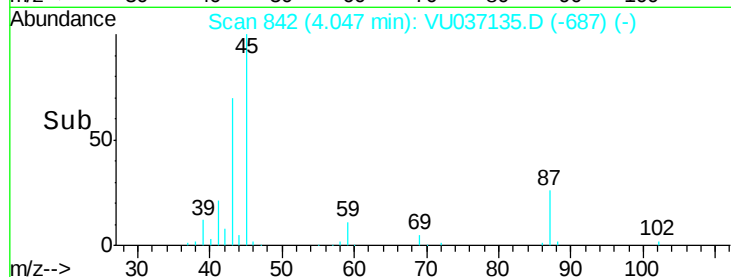
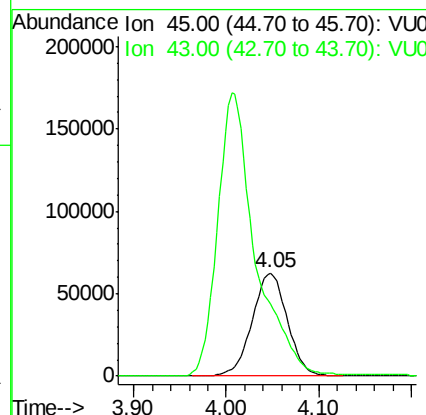
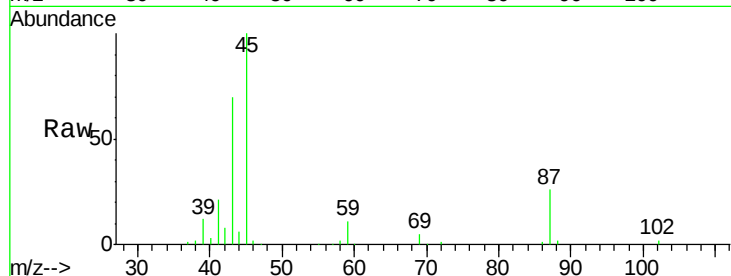
45 100

43 296.5 24.0 72.0#

Manual Integrations
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#34

Propionitrile

Concen: 99.253 ug/l

RT: 4.83 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion: 54 Resp: 40837

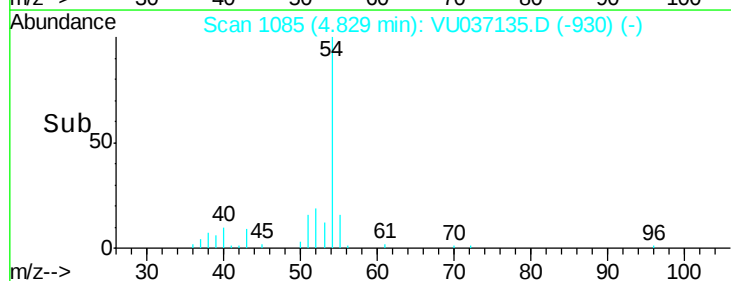
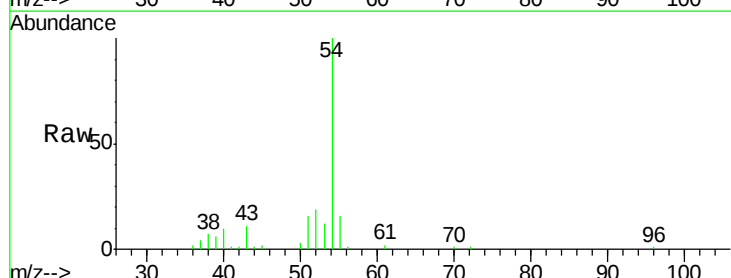
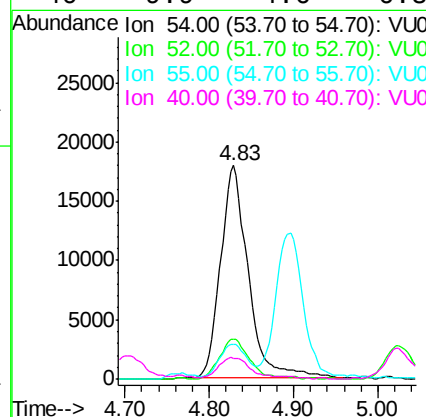
Ion Ratio Lower Upper

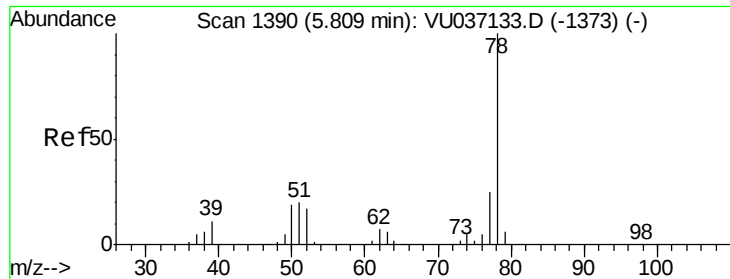
54 100

52 20.5 15.2 22.8

55 15.9 9.5 14.3#

40 9.9 4.6 6.8#





#35

Benzene

Concen: 9.888 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 78 Resp: 200832

Ion Ratio Lower Upper

78 100

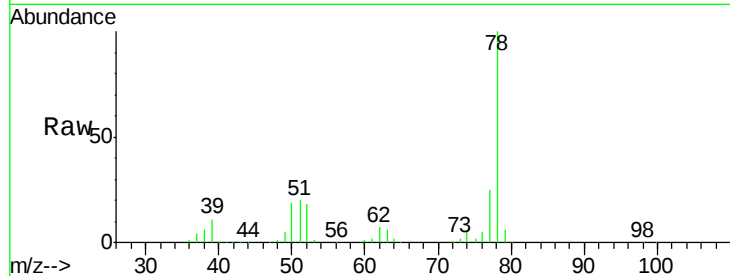
77 25.2 19.4 29.0

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

100000

80000

60000

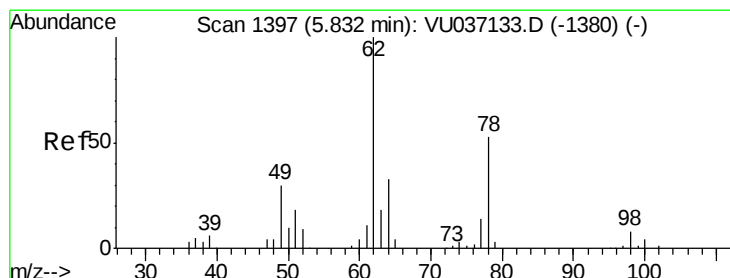
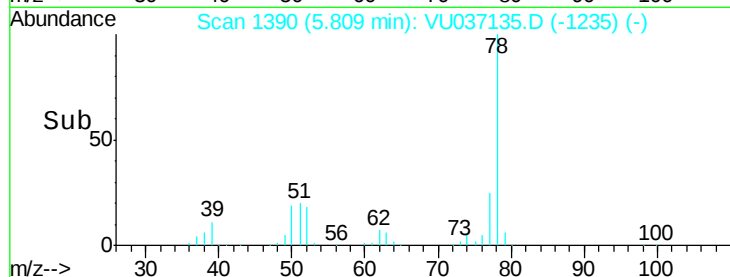
40000

20000

0

5.70 5.75 5.80 5.85 5.90

Time-->



#36

1,2-Dichloroethane

Concen: 9.599 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VU037135.D

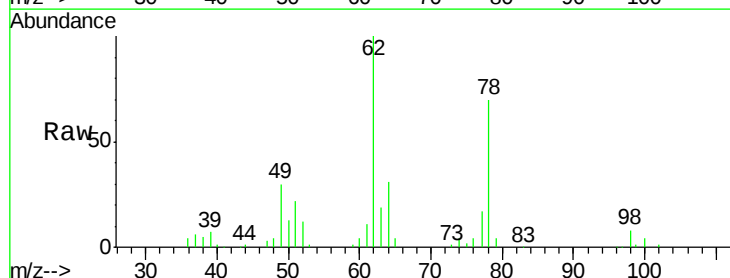
Acq: 09 Mar 2020 15:42

Tgt Ion: 62 Resp: 70676

Ion Ratio Lower Upper

62 100

98 7.2 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

40000

30000

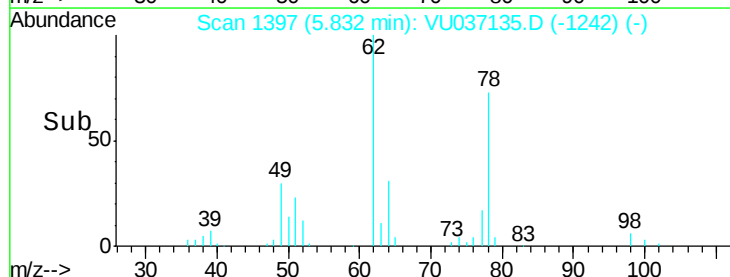
20000

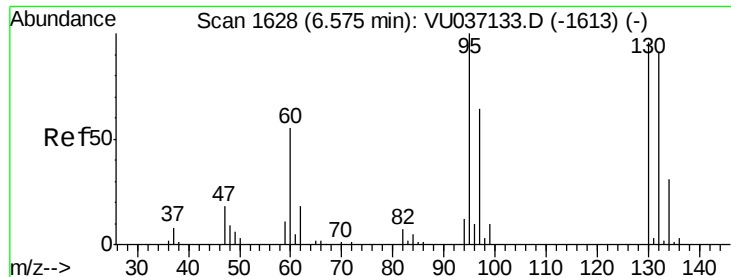
10000

0

5.75 5.80 5.85 5.90

Time-->





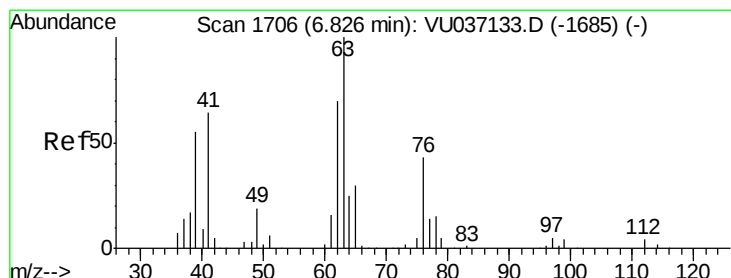
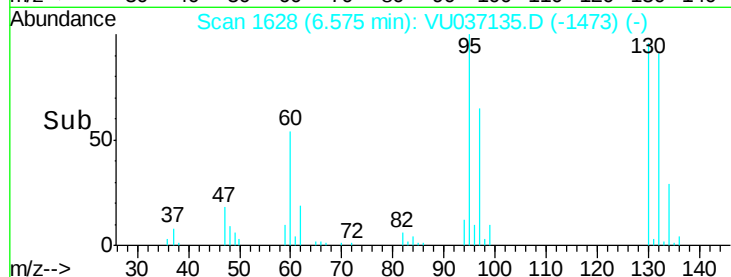
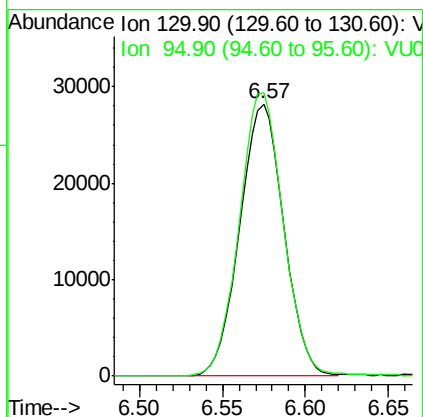
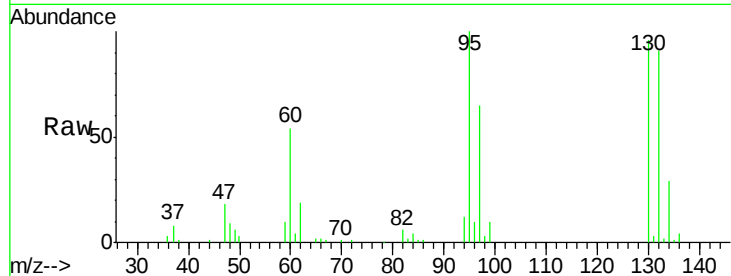
#37
 Trichloroethene
 Concen: 9.780 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion:130 Resp: 52120
 Ion Ratio Lower Upper
 130 100
 95 104.1 77.0 115.4

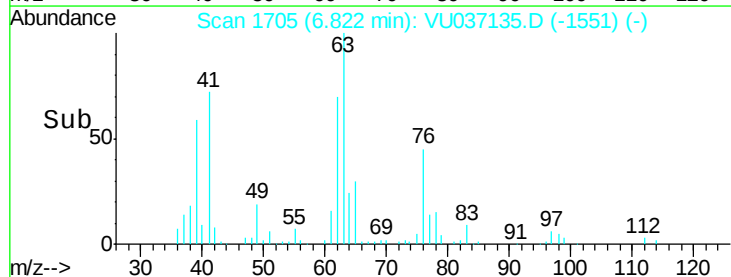
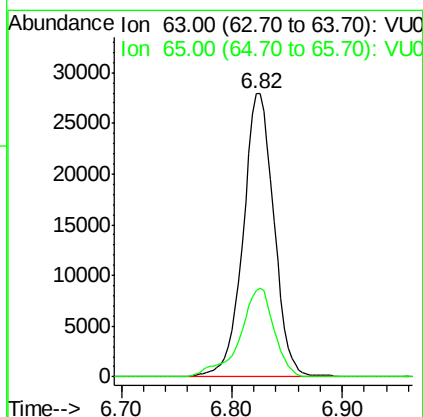
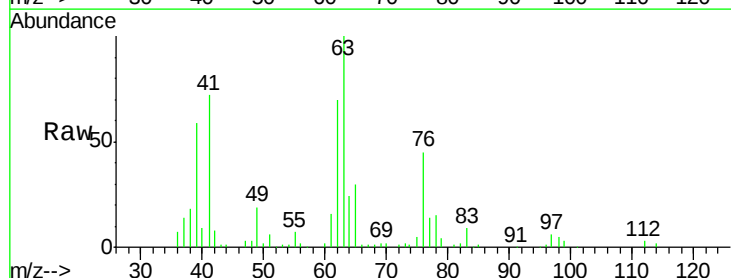
Manual Integrations
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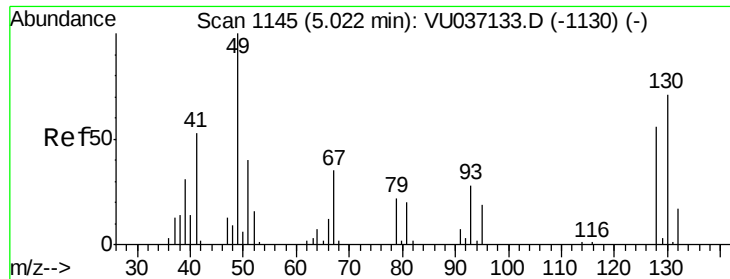
sam
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#38
 1,2-Dichloropropane
 Concen: 9.725 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 63 Resp: 54218
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1





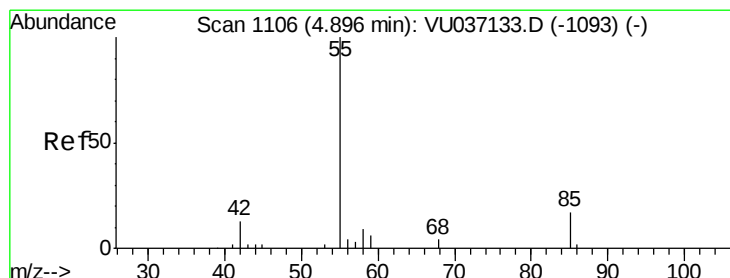
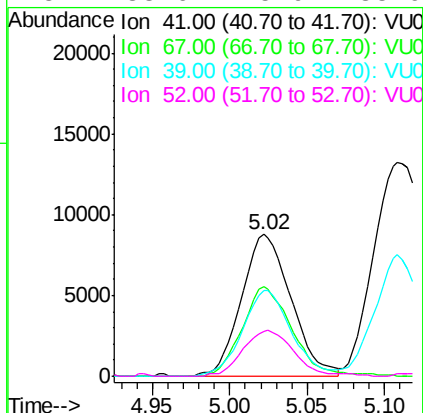
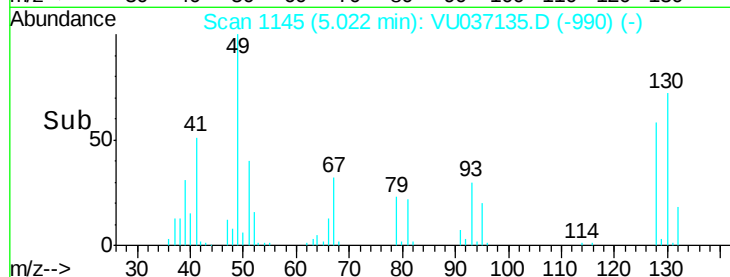
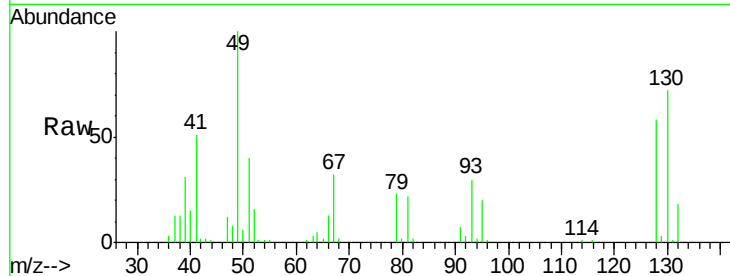
#39
Methacrylonitrile
Concen: 9.840 ug/l
RT: 5.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion:	41	Resp:	19534
Ion	Ratio	Lower	Upper
41	100		
67	62.8	69.6	104.4#
39	59.9	41.6	62.4
52	33.6	25.9	38.9

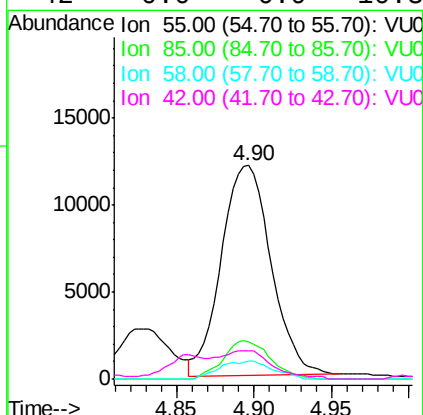
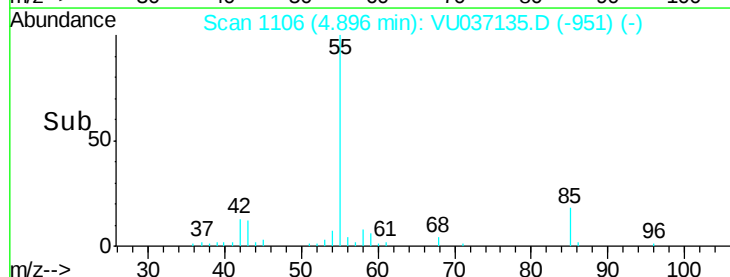
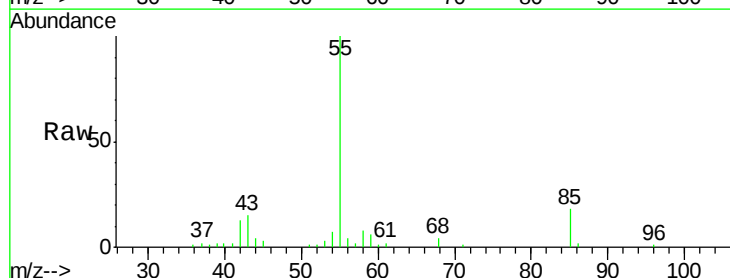
Manual Integrations
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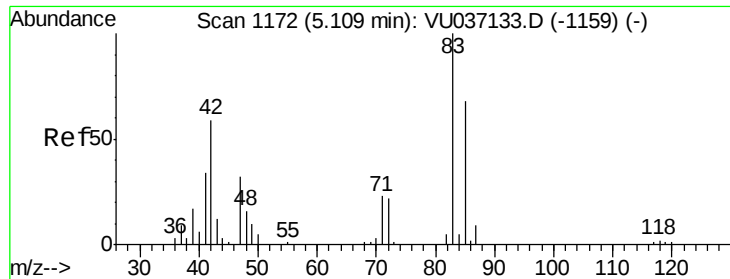
sam
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#40
Methyl acrylate
Concen: 9.855 ug/l
RT: 4.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:	55	Resp:	27053
Ion	Ratio	Lower	Upper
55	100		
85	17.2	14.7	22.1
58	9.1	7.1	10.7
42	0.0	6.9	10.3#





#41

Tetrahydrofuran

Concen: 49.067 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

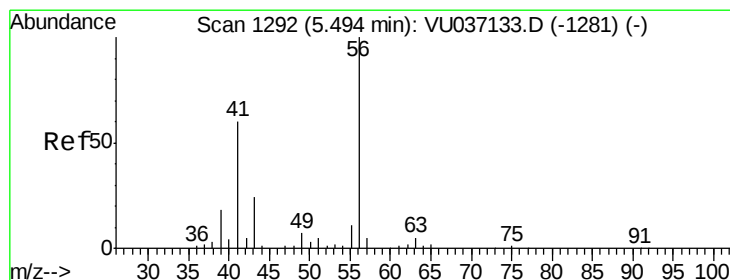
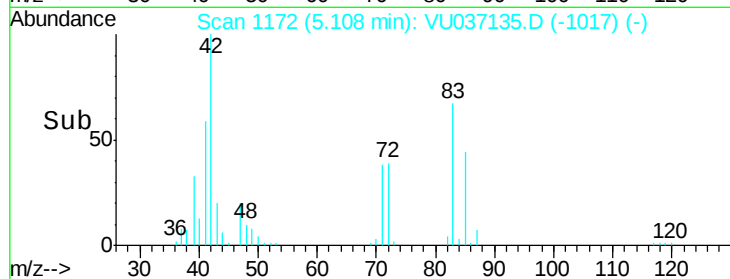
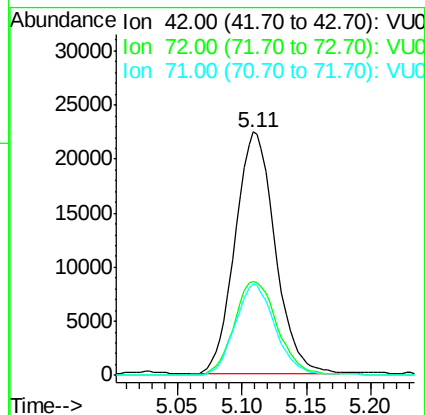
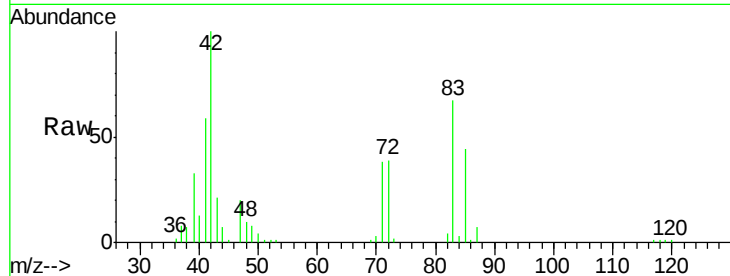
ClientSampleId :

ICVVU030920

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	42.5	63.7#
71	37.6	37.3	55.9

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#42

1-Chlorobutane

Concen: 10.171 ug/l

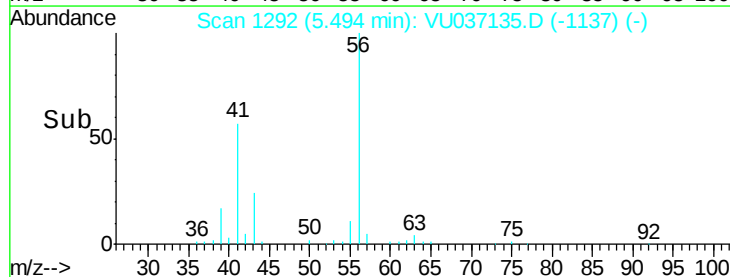
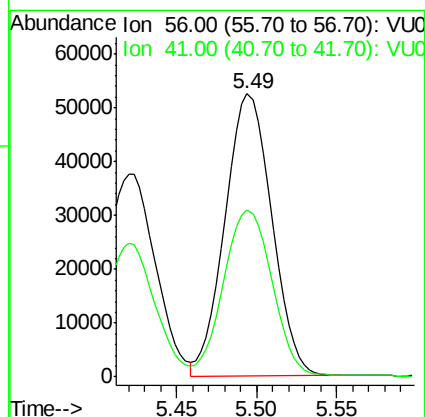
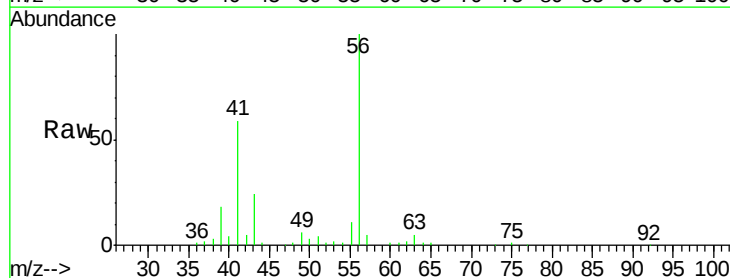
RT: 5.49 min Scan# 1292

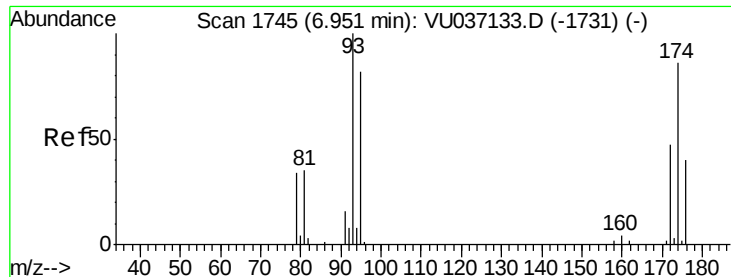
Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
56	100		
41	60.7	24.8	74.3





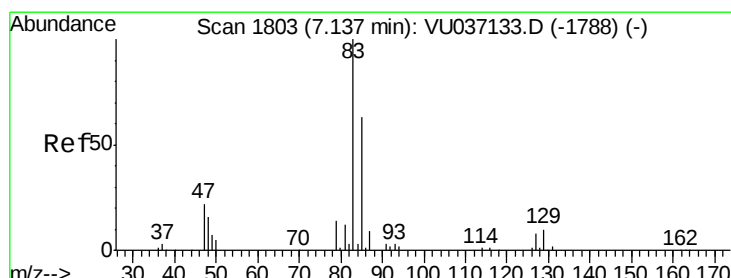
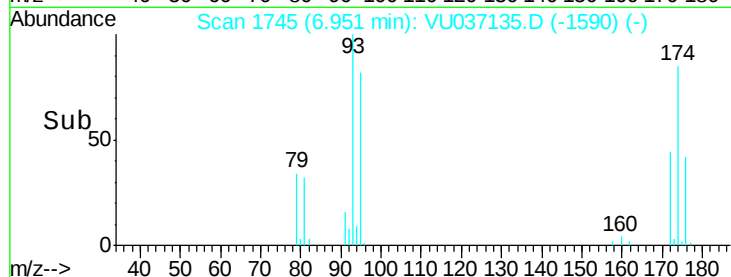
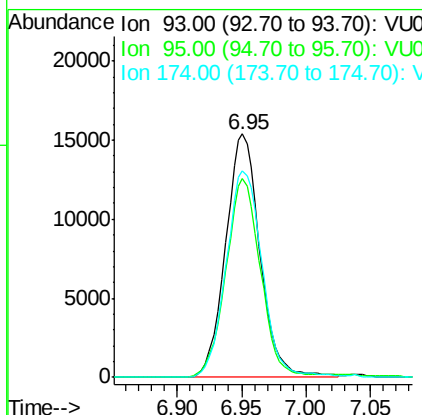
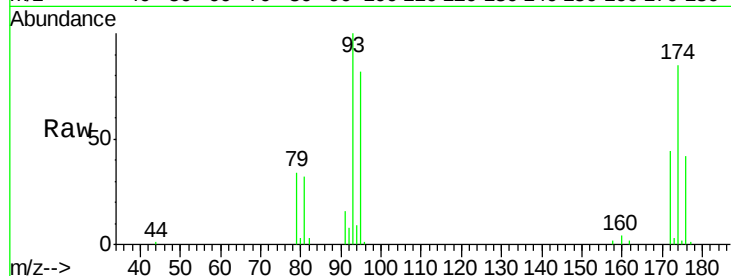
#43
Dibromomethane
Concen: 9.975 ug/l
RT: 6.95 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.9	101.9
174	88.8	83.4	125.0

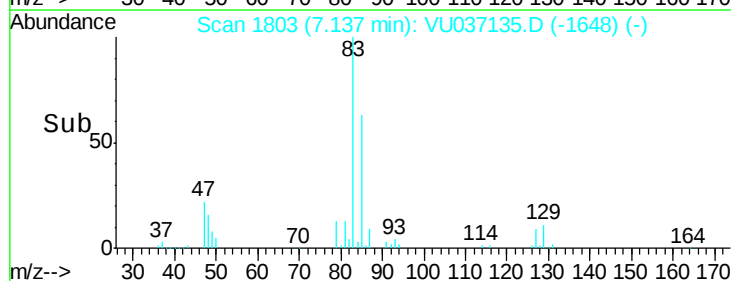
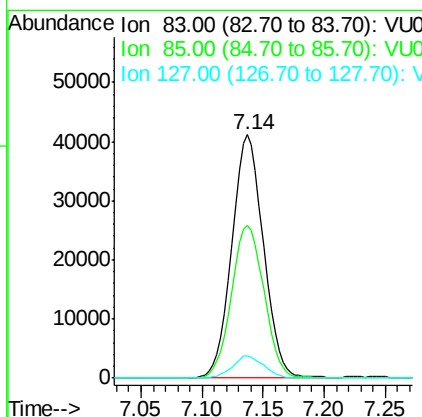
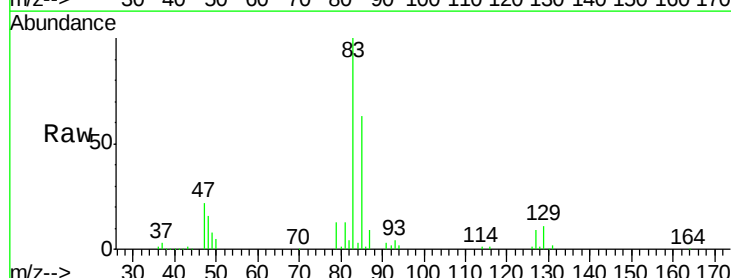
Manual Integrations
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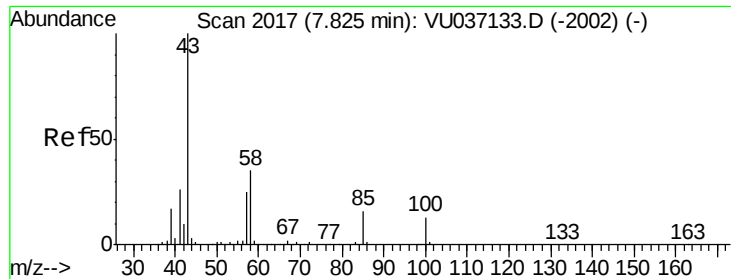
sam
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#44
Bromodichloromethane
Concen: 9.991 ug/l
RT: 7.14 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.6
127	9.3	6.8	10.2





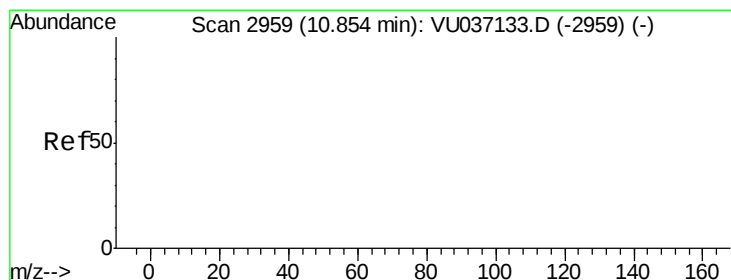
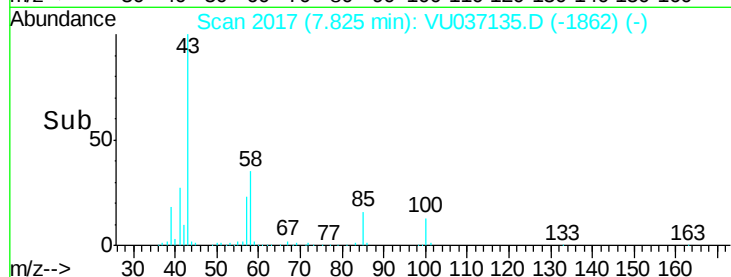
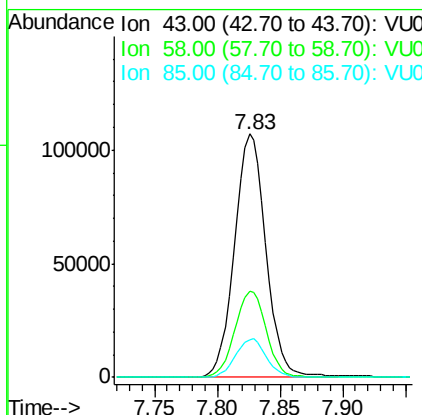
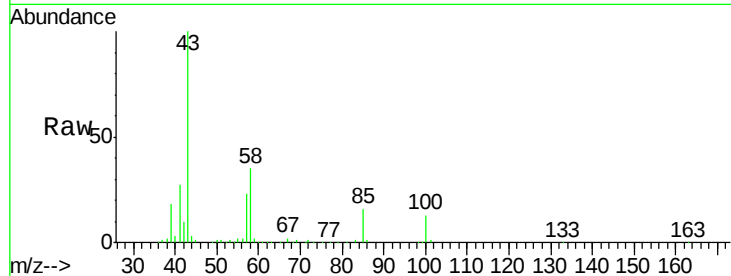
#45
4-Methyl-2-Pentanone
Concen: 48.636 ug/l
RT: 7.83 min Scan# 2017
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.5	22.1	66.1
85	15.6	17.4	26.0#

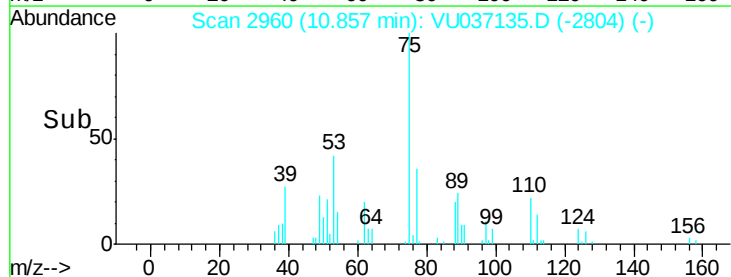
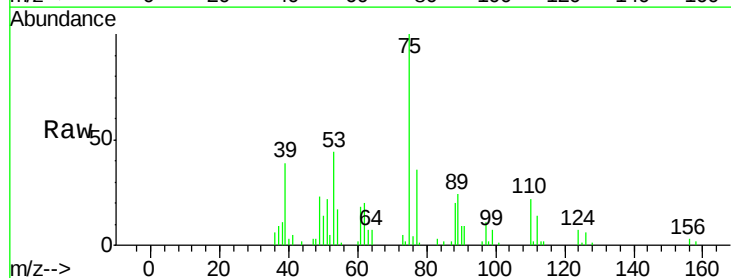
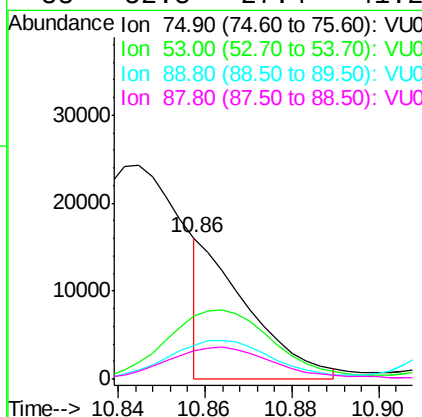
Manual Integrations
APPROVED

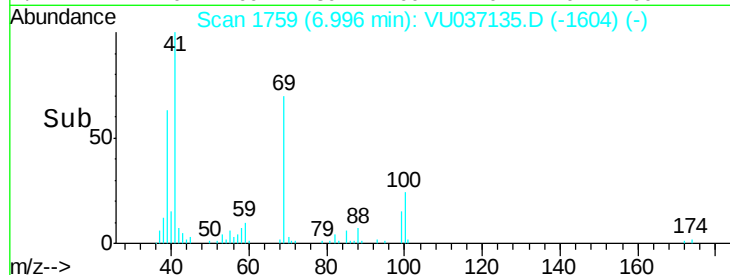
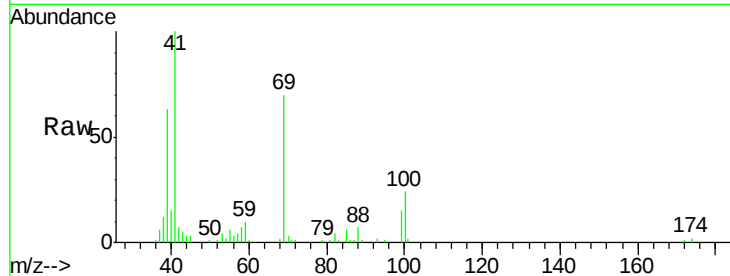
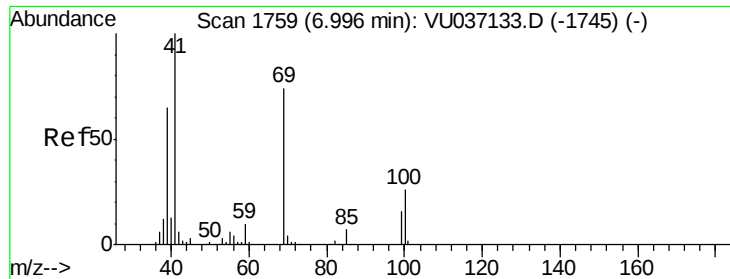
sam
3/10/2020 3:06:37 PM



#46
t-1,4-Dichloro-2-butene
Concen: 11.487 ug/l m
RT: 10.86 min Scan# 2960
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.6	52.2	78.2#
89	61.6	39.8	59.6#
88	52.8	27.4	41.2#





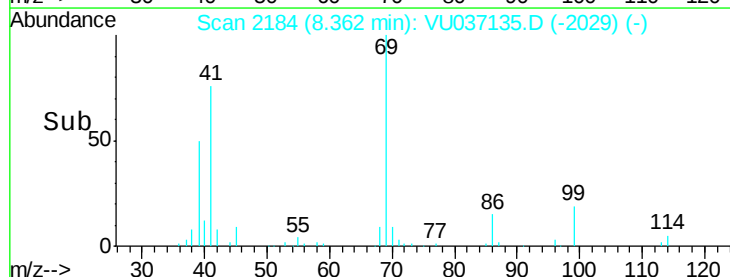
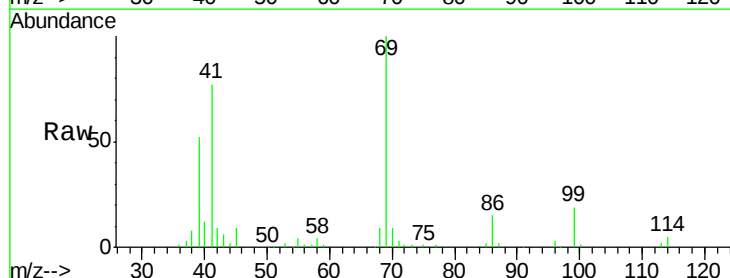
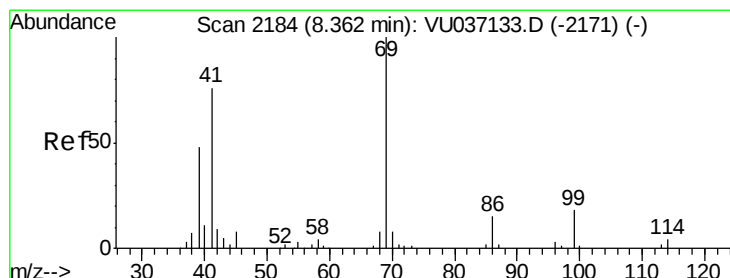
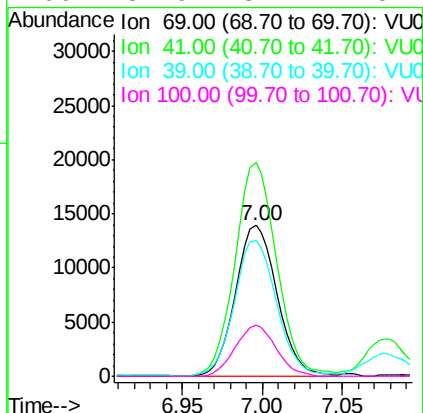
#47
Methyl methacrylate
Concen: 10.478 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	141.5	0.0	200.8		
39	91.3	43.5	65.3		
100	32.9	31.1	46.7		

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

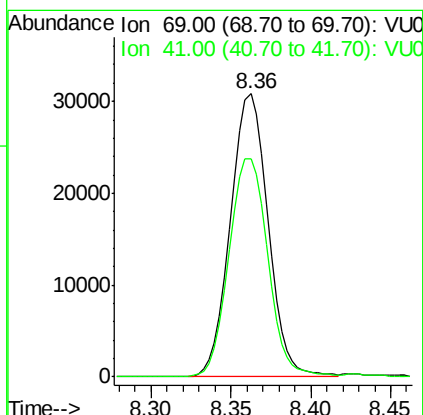
Manual Integrations
APPROVED

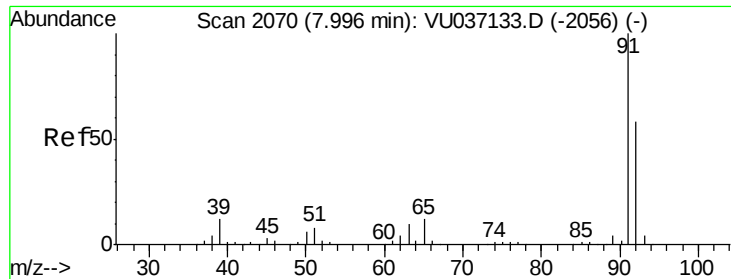
Sam
3/10/2020 3:06:37 PM



#48
Ethyl methacrylate
Concen: 10.630 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	79.6	27.9	83.6		





#49

Toluene

Concen: 10.468 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 92 Resp: 128394

Ion Ratio Lower Upper

92 100

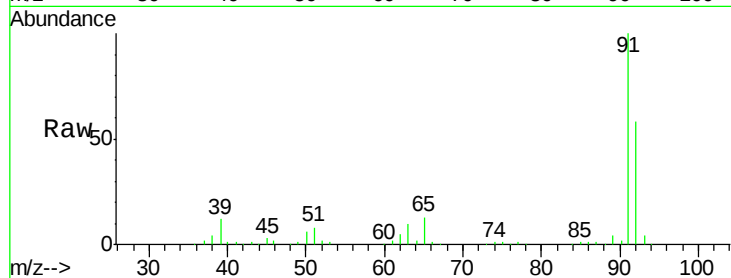
91 173.4 139.1 208.7

Manual Integrations

APPROVED

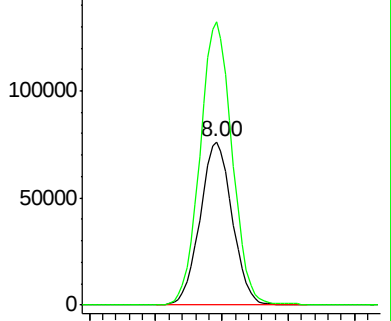
sam

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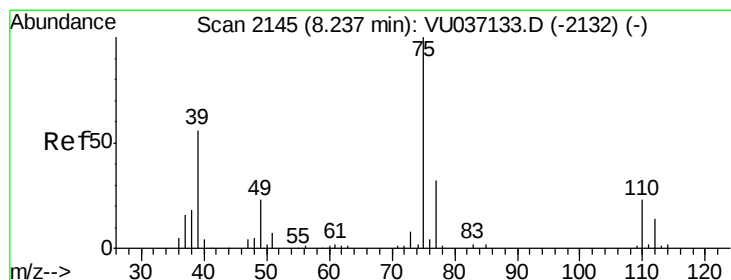
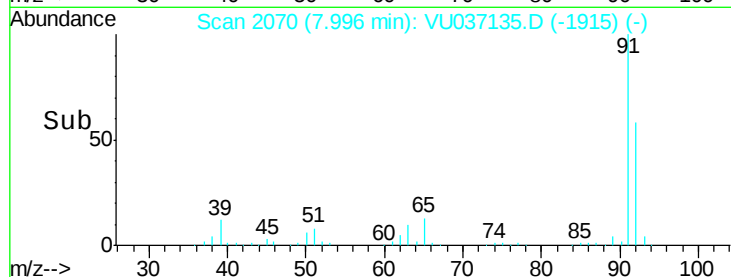


Abundance Ion 92.00 (91.70 to 92.70): VU037135.D (-1915) (-)

Ion 91.00 (90.70 to 91.70): VU037135.D (-1915) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.645 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037135.D

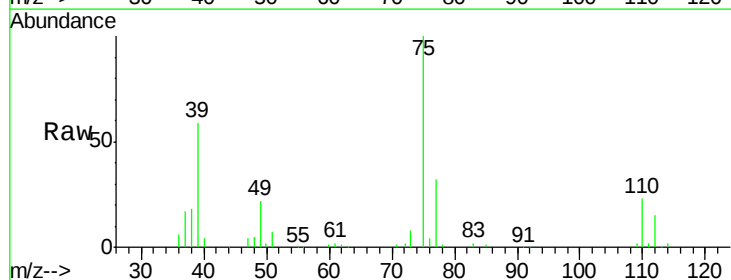
Acq: 09 Mar 2020 15:42

Tgt Ion: 75 Resp: 71342

Ion Ratio Lower Upper

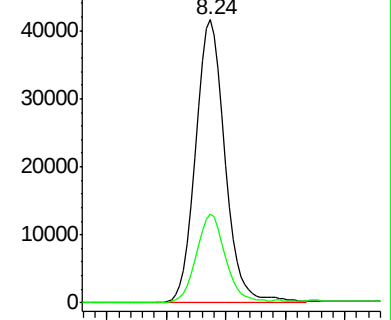
75 100

77 31.6 25.4 38.2

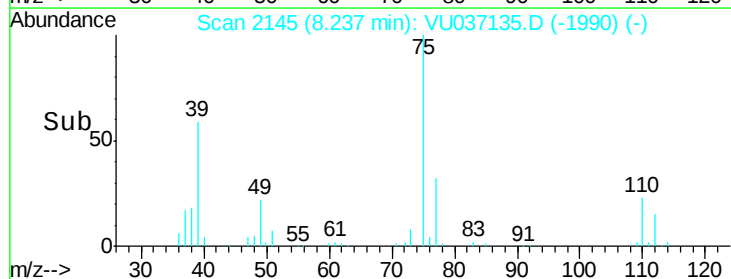


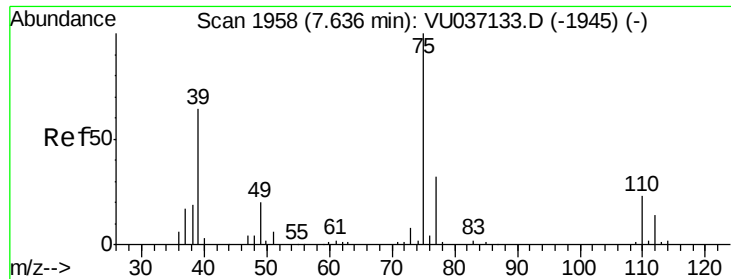
Abundance Ion 75.00 (74.70 to 75.70): VU037135.D (-1990) (-)

Ion 77.00 (76.70 to 77.70): VU037135.D (-1990) (-)



Time-->





#51

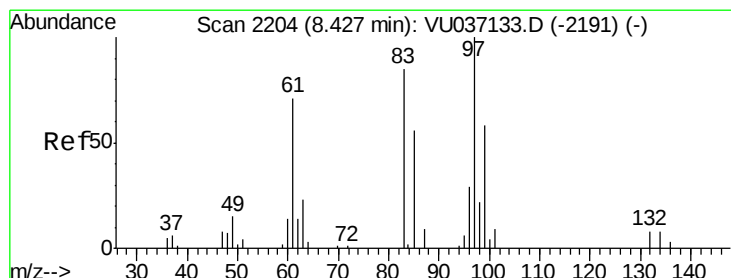
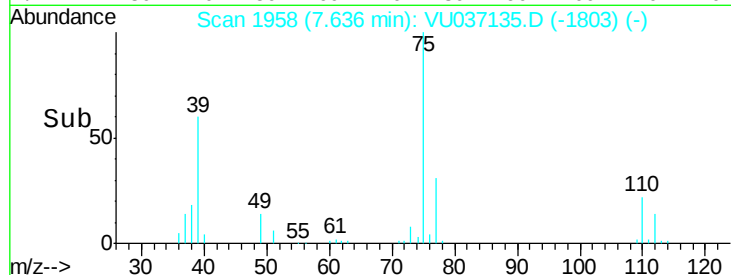
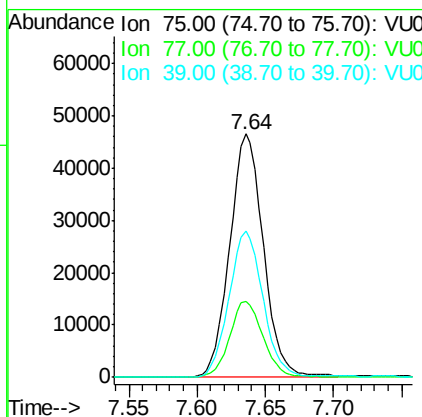
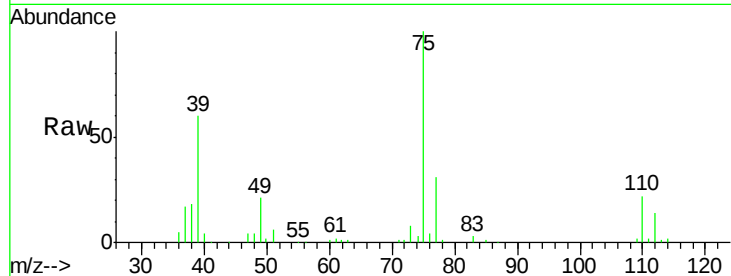
cis-1,3-Dichloropropene
 Concen: 10.448 ug/l
 RT: 7.64 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	60.1	31.8	47.6

Manual Integrations
 APPROVED

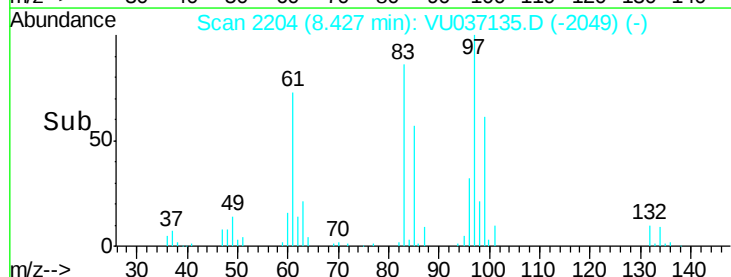
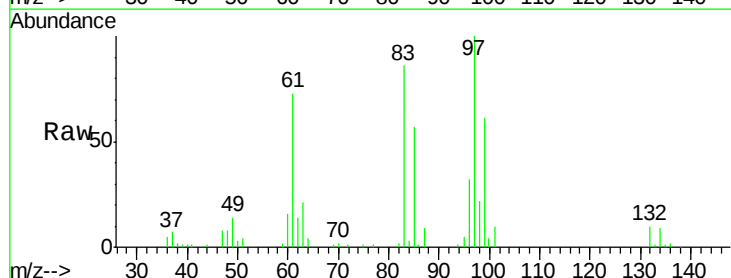
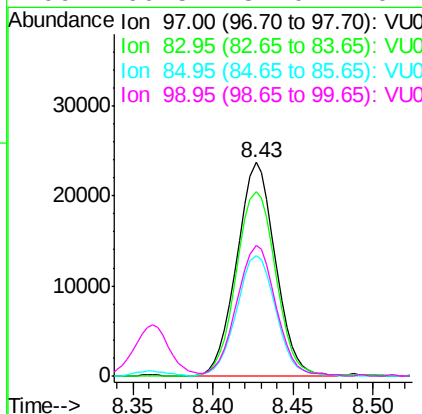
sam
 3/10/2020 3:06:37 PM

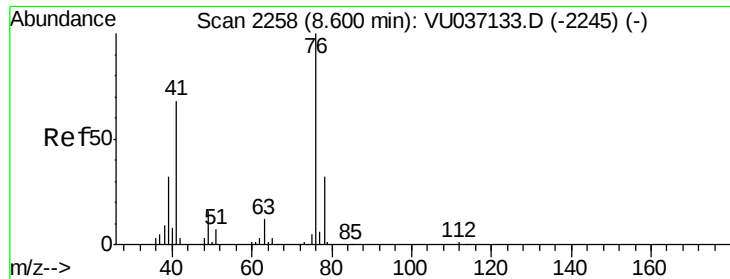


#52

1,1,2-Trichloroethane
 Concen: 10.231 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.9	106.3
85	56.5	45.6	68.4
99	60.5	51.0	76.4





#53

1,3-Dichloropropane

Concen: 9.856 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 76 Resp: 66644

Ion Ratio Lower Upper

76 100

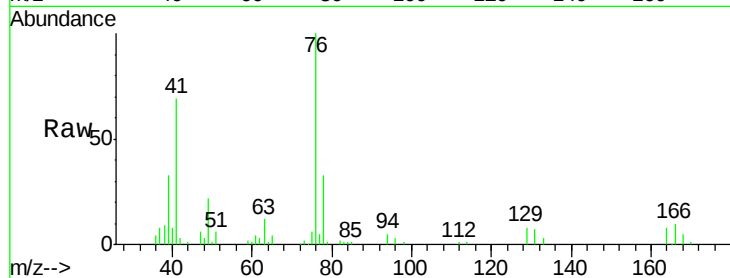
78 33.0 25.4 38.2

Manual Integrations

APPROVED

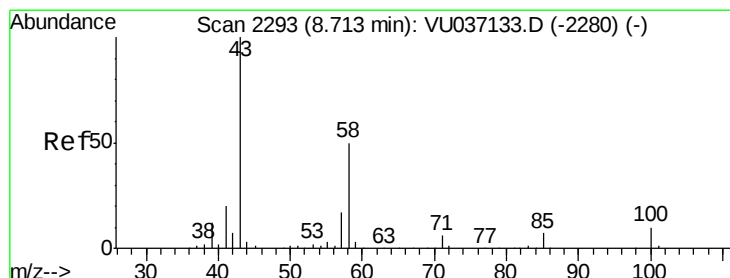
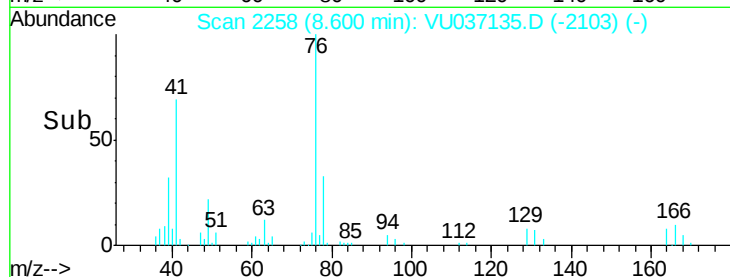
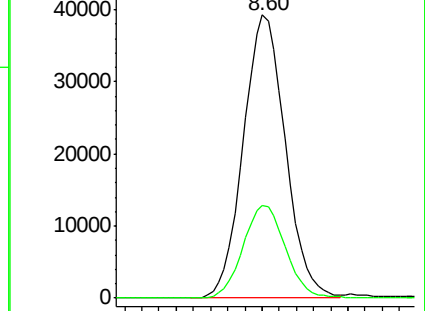
sam

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Abundance Ion 76.00 (75.70 to 76.70): VU037135.D (-2103) (-)

Ion 78.00 (77.70 to 78.70): VU037135.D (-2103) (-)



#54

2-Hexanone

Concen: 54.680 ug/l

RT: 8.71 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

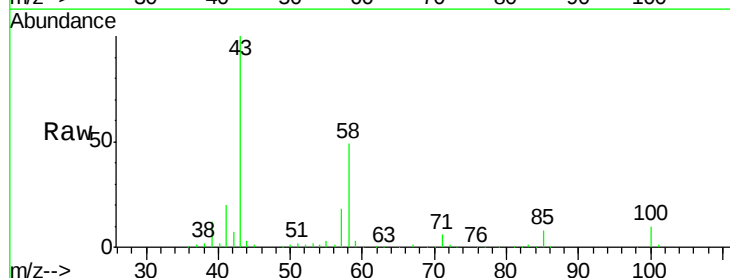
Tgt Ion: 43 Resp: 144348

Ion Ratio Lower Upper

43 100

58 48.8 40.6 80.6

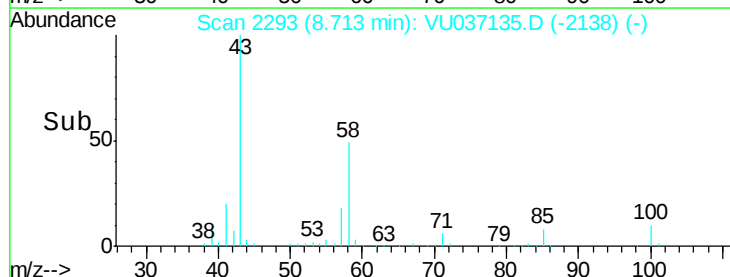
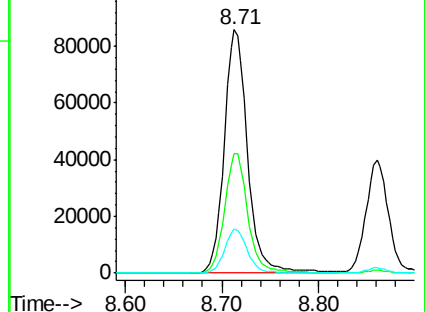
57 17.7 1.2 41.2

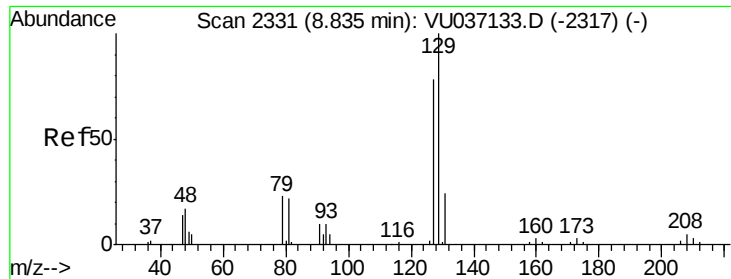


Abundance Ion 43.00 (42.70 to 43.70): VU037135.D (-2138) (-)

Ion 58.00 (57.70 to 58.70): VU037135.D (-2138) (-)

Ion 57.00 (56.70 to 57.70): VU037135.D (-2138) (-)





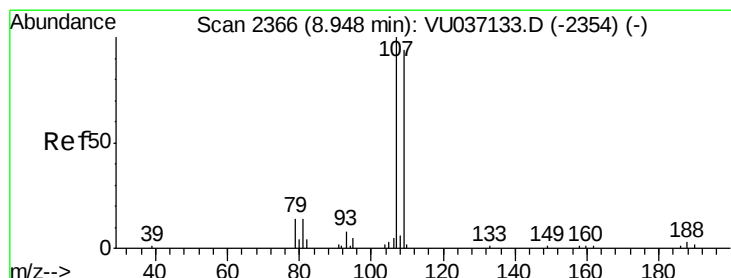
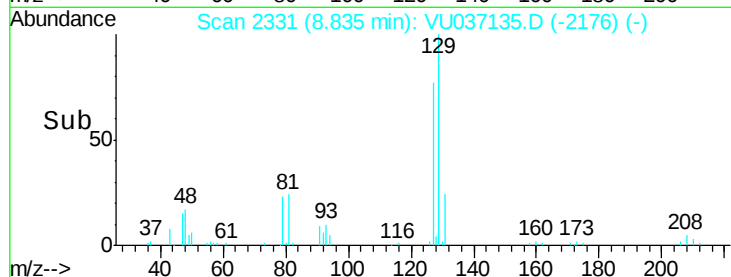
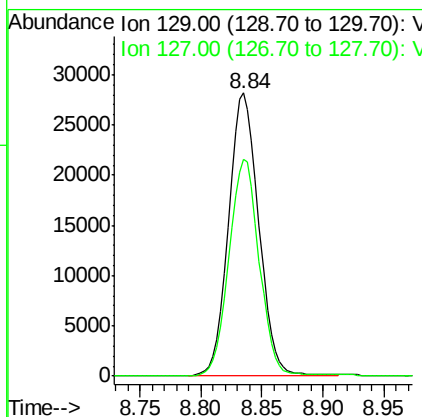
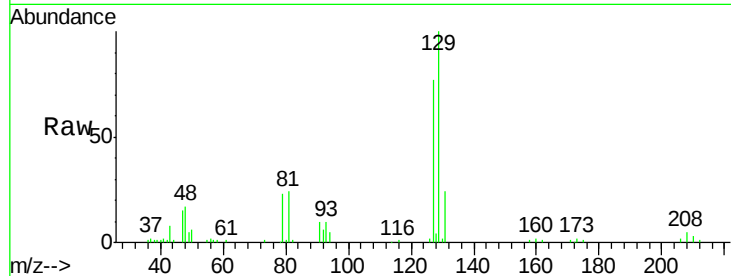
#55
Dibromochloromethane
Concen: 10.335 ug/l
RT: 8.84 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.4	62.6	94.0

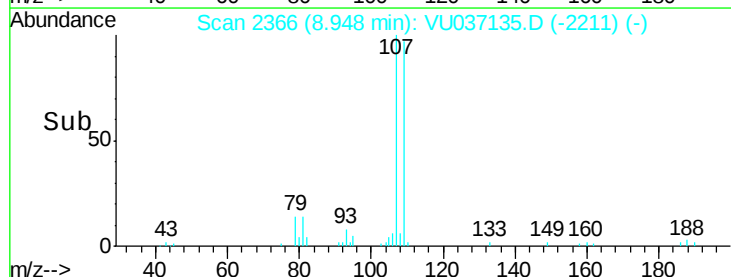
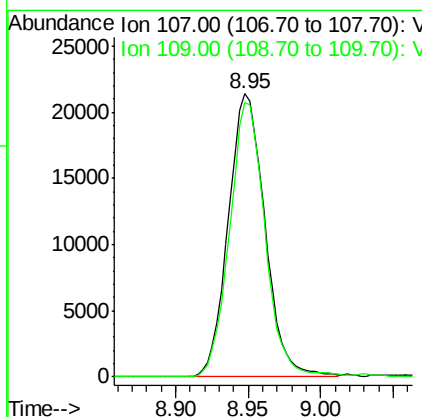
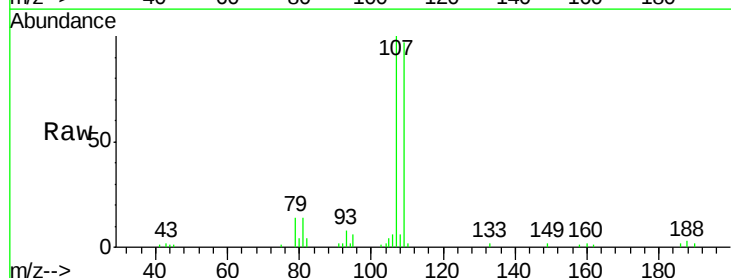
Manual Integrations
APPROVED

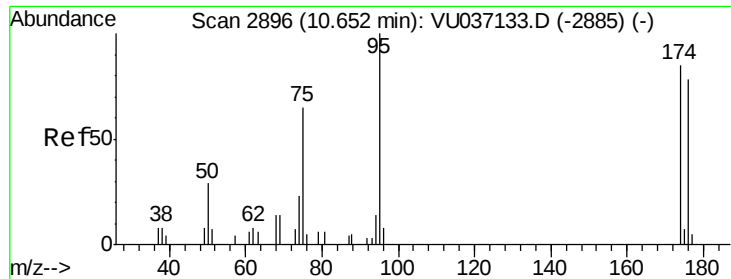
sam
3/10/2020 3:06:37 PM



#56
1,2-Dibromoethane
Concen: 10.405 ug/l
RT: 8.95 min Scan# 2366
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.6	0.0	190.8





#57

4-Bromofluorobenzene

Concen: 1.023 ug/l

RT: 10.65 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

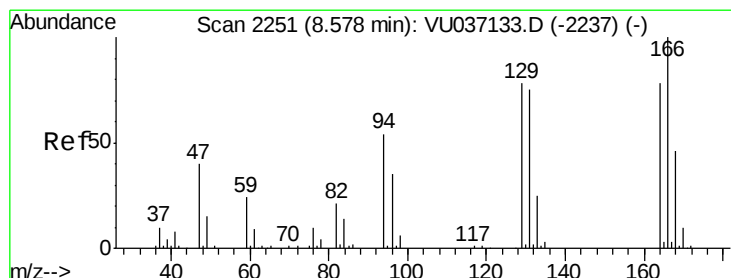
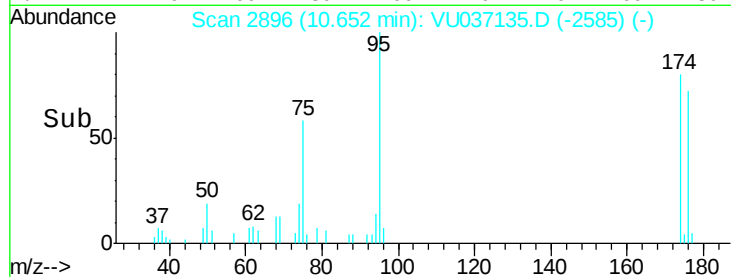
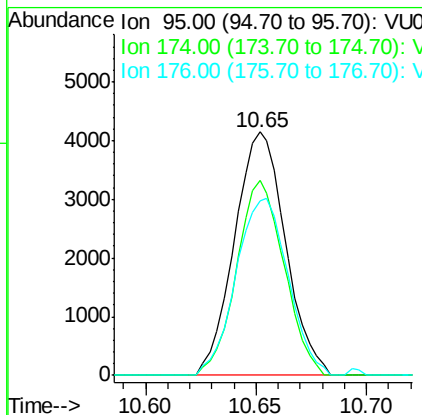
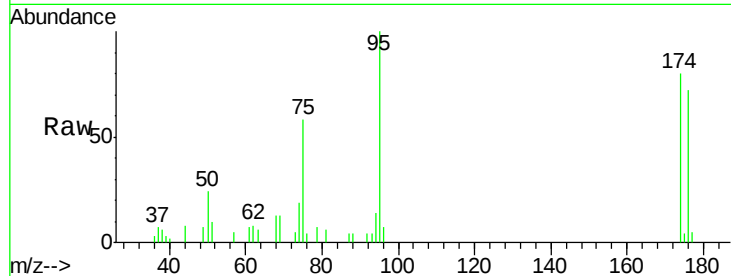
ClientSampleId :

ICVVU030920

Tot Ion:	95	Resp:	6660
Ion	Ratio	Lower	Upper
95	100		
174	74.8	64.7	97.1
176	74.3	60.6	91.0

Manual Integrations
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sam
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#58

Tetrachloroethene

Concen: 9.612 ug/l

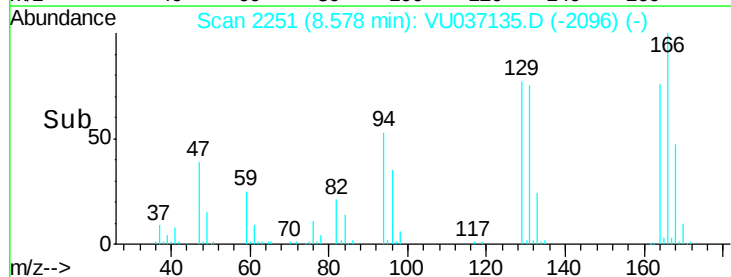
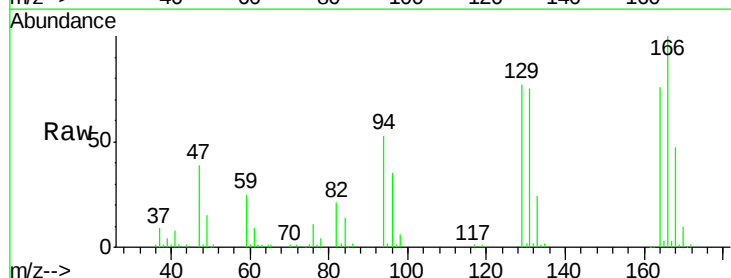
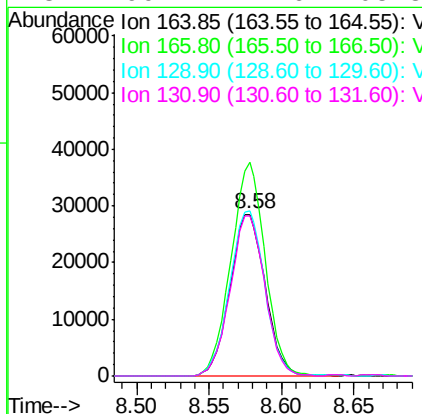
RT: 8.58 min Scan# 2251

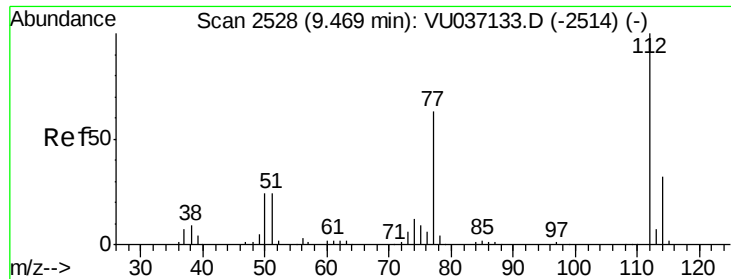
Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion:	164	Resp:	48079
Ion	Ratio	Lower	Upper
164	100		
166	131.9	102.0	153.0
129	102.2	74.9	112.3
131	99.1	72.6	108.8





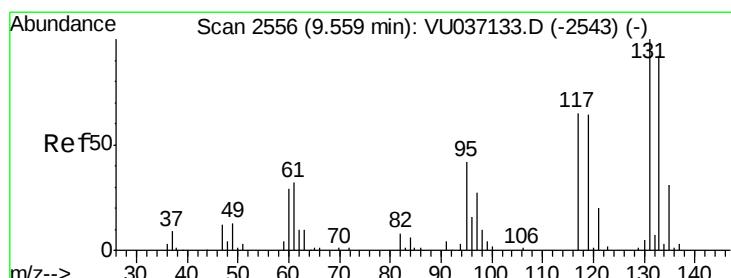
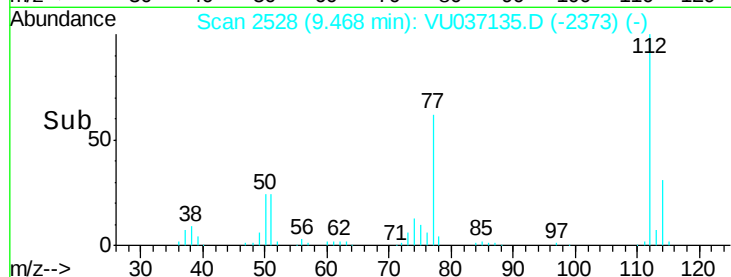
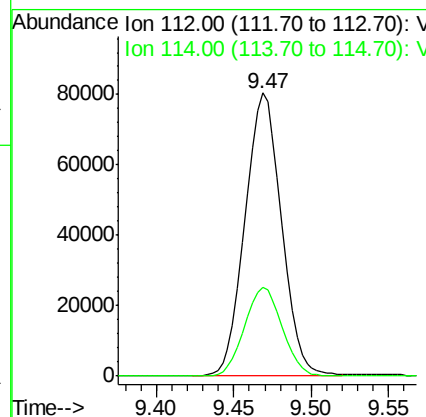
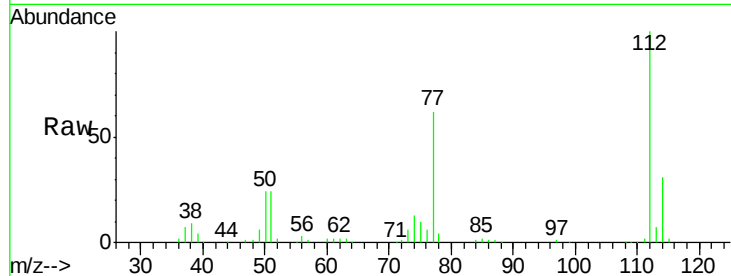
#59
Chlorobenzene
Concen: 9.676 ug/l
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion:112 Resp: 132453
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8

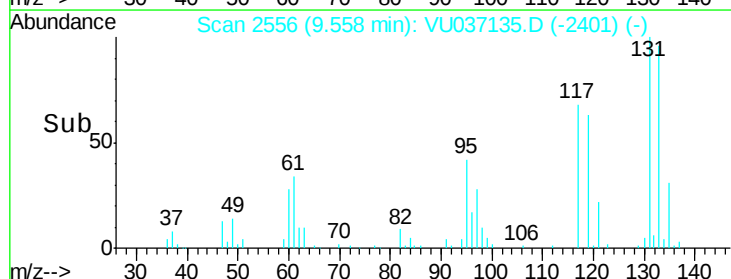
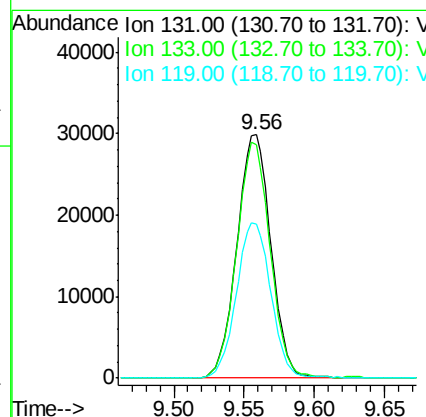
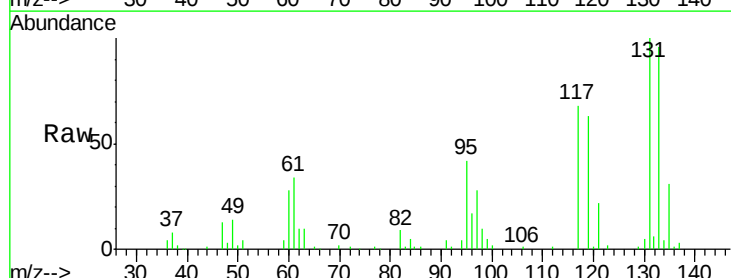
Manual Integrations
APPROVED

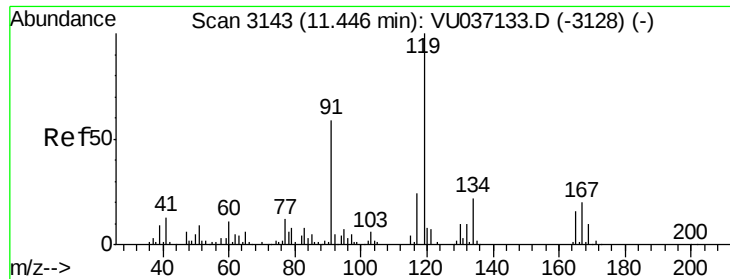
sam
3/10/2020 3:06:37 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 10.090 ug/l
RT: 9.56 min Scan# 2556
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:131 Resp: 50559
Ion Ratio Lower Upper
131 100
133 95.4 76.4 114.6
119 64.2 56.6 85.0





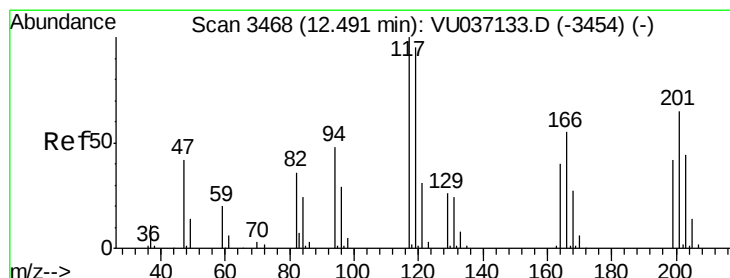
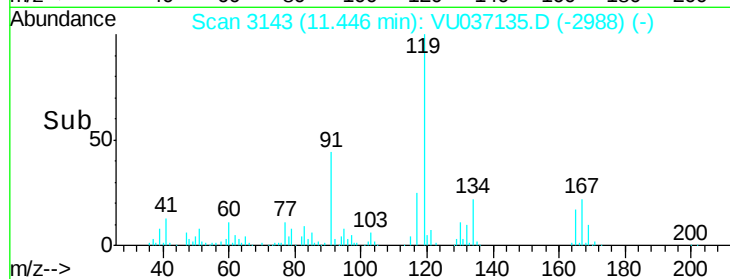
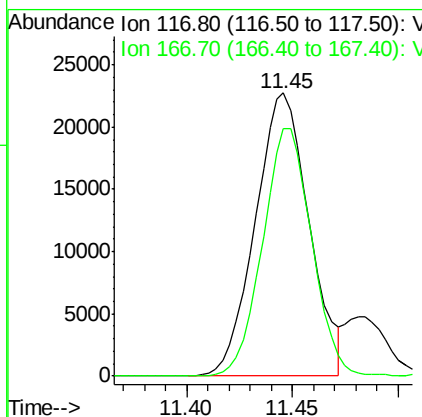
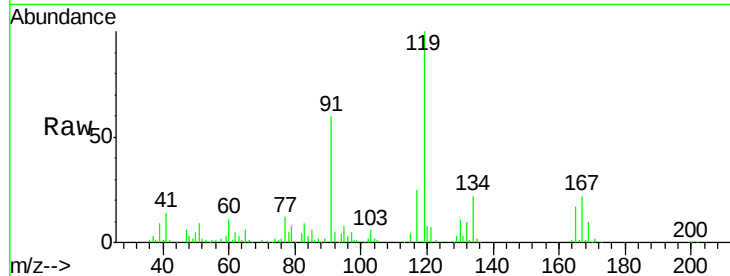
#61
 Pentachloroethane
 Concen: 10.534 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion:117 Resp: 40269
 Ion Ratio Lower Upper
 117 100
 167 79.9 66.7 100.1

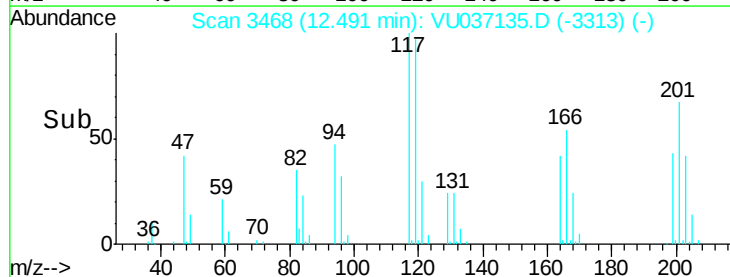
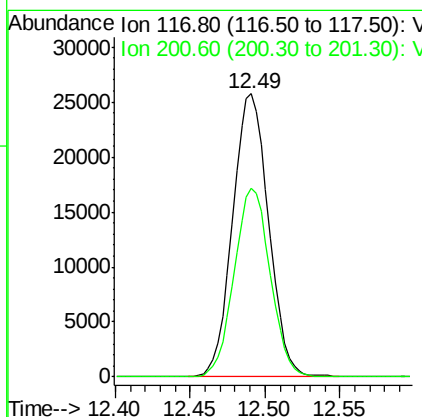
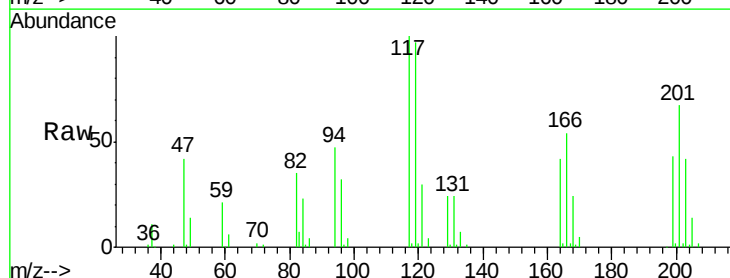
Manual Integrations
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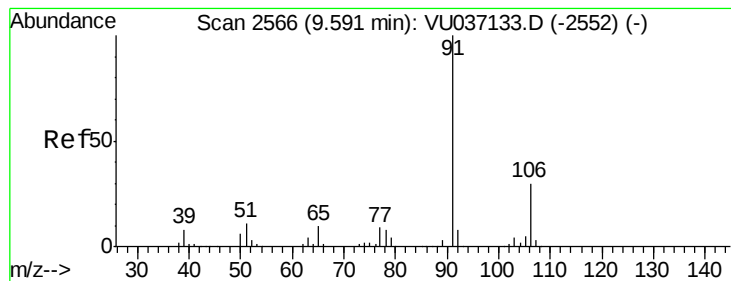
sam
 3/10/2020 3:06:37 PM



#62
 Hexachloroethane
 Concen: 10.521 ug/l
 RT: 12.49 min Scan# 3468
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion:117 Resp: 43056
 Ion Ratio Lower Upper
 117 100
 201 66.7 65.0 97.4





#63

Ethyl Benzene

Concen: 10.946 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 91 Resp: 255780

Ion Ratio Lower Upper

91 100

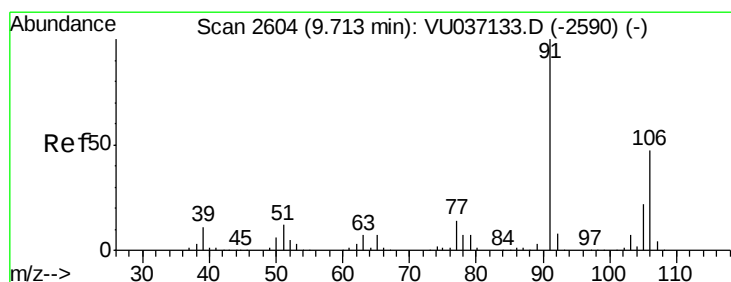
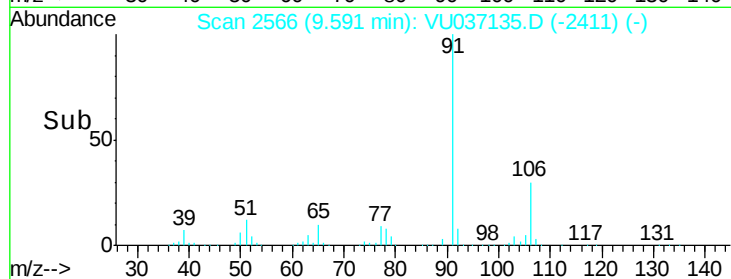
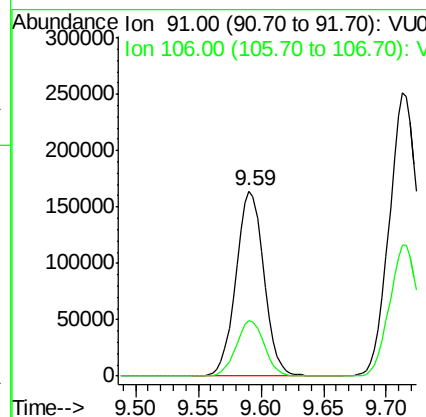
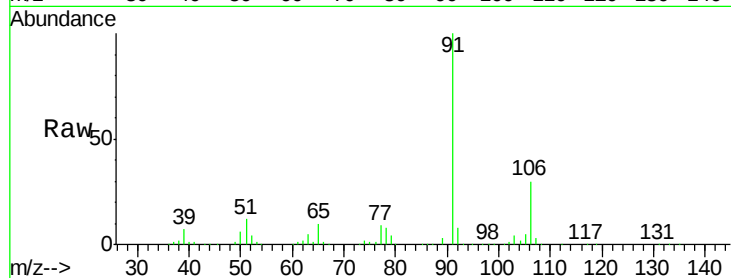
106 29.8 26.0 39.0

Manual Integrations

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sam

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#64

m/p-Xylenes

Concen: 21.609 ug/l

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU037135.D

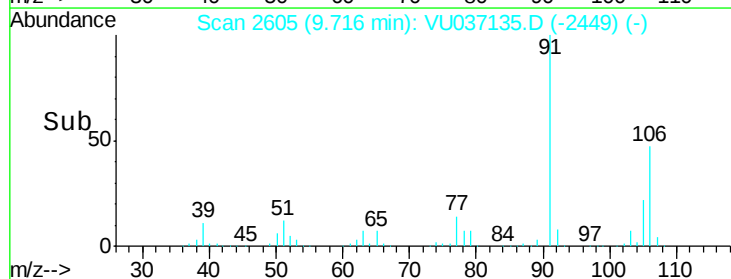
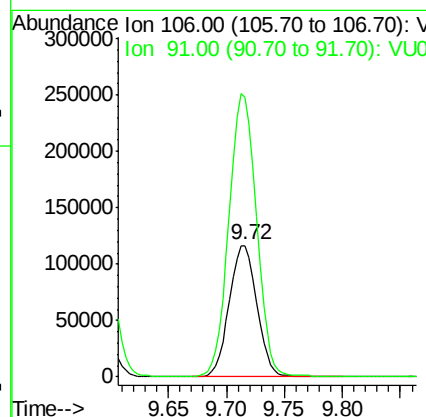
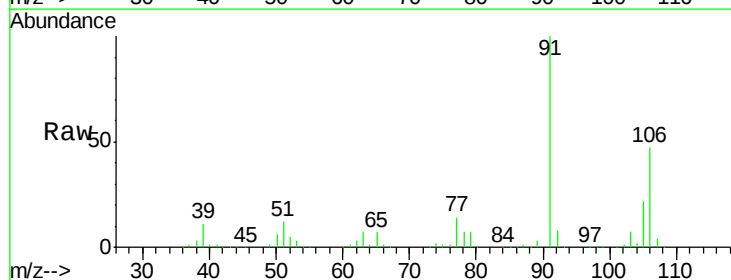
Acq: 09 Mar 2020 15:42

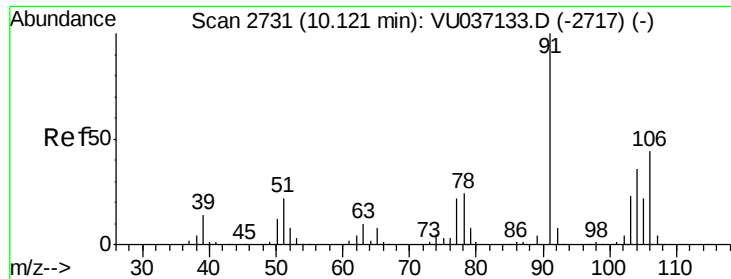
Tgt Ion: 106 Resp: 191152

Ion Ratio Lower Upper

106 100

91 215.4 158.2 237.4





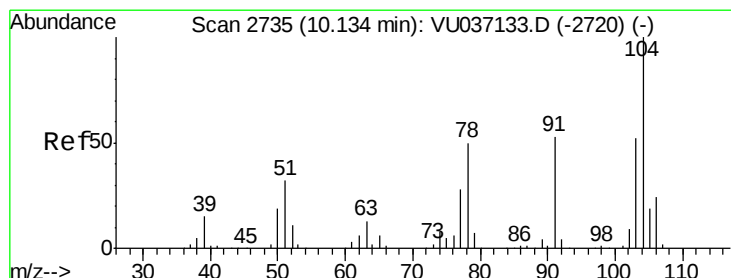
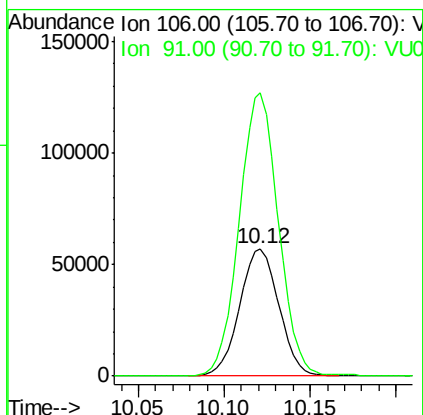
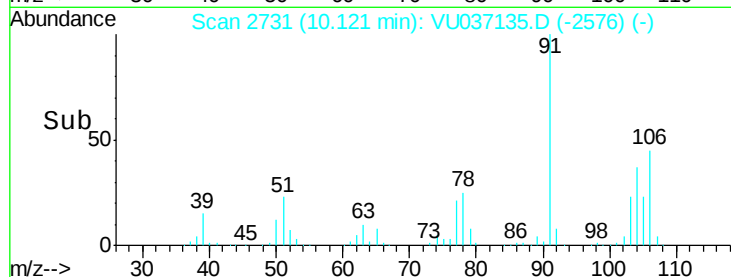
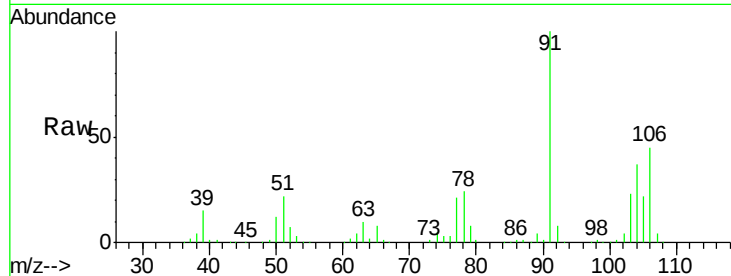
#65
o-Xylene
Concen: 10.627 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampled :
ICVVU030920

Tot Ion:106 Resp: 90706
Ion Ratio Lower Upper
106 100
91 222.5 104.3 312.9

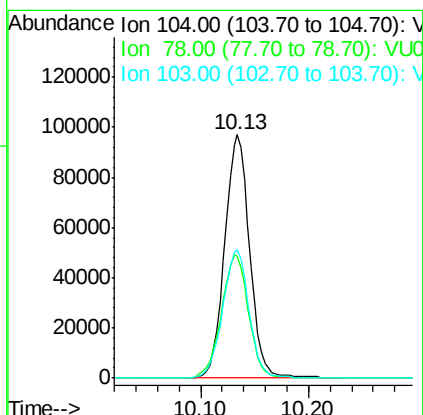
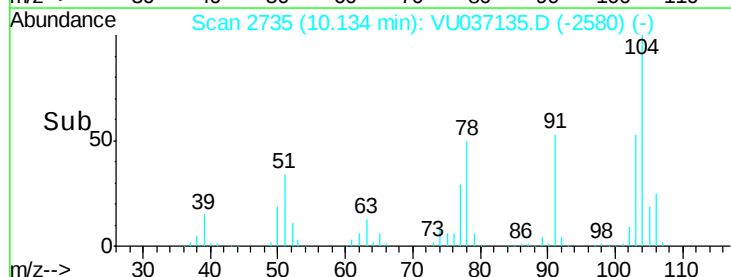
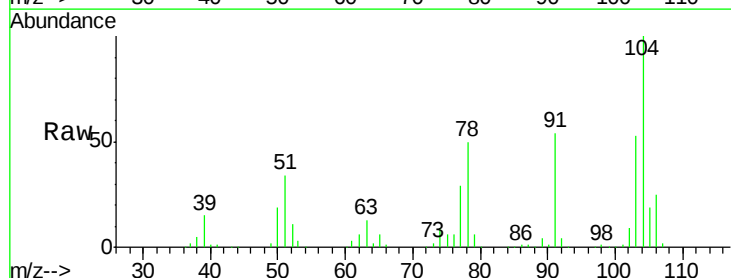
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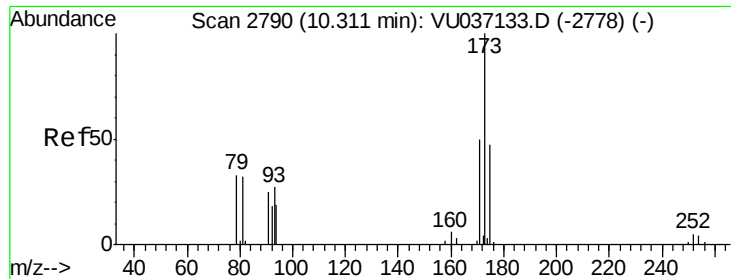
sam
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#66
Styrene
Concen: 11.177 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:104 Resp: 156150
Ion Ratio Lower Upper
104 100
78 55.4 38.6 57.8
103 56.0 44.4 66.6





#67

Bromoform

Concen: 10.396 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

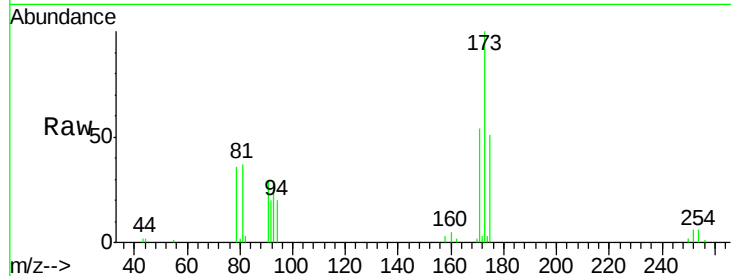
ClientSampleId :

ICVVU030920

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	38.3	57.5
254	5.0	6.6	9.8

Manual Integrations
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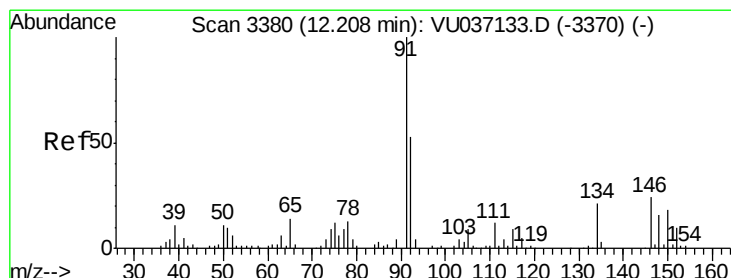
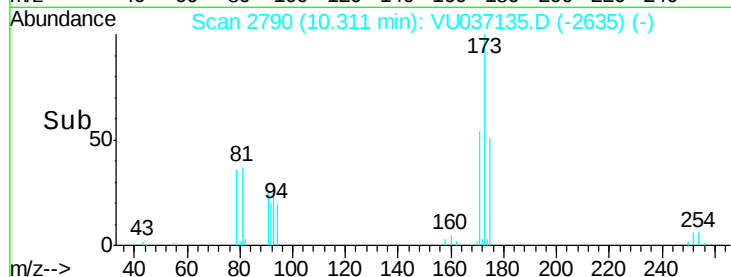
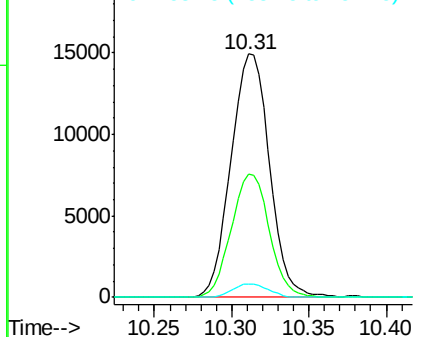


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.018 ug/l

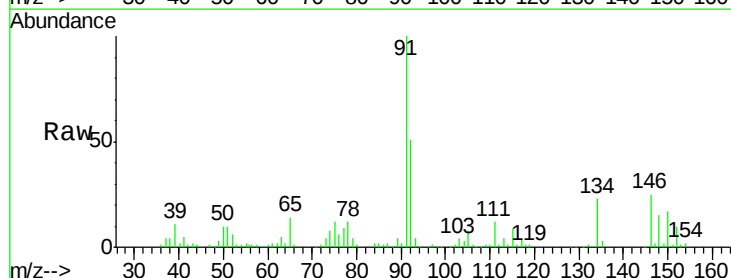
RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	144.3	0.0	241.8
150	316.0	0.0	652.4

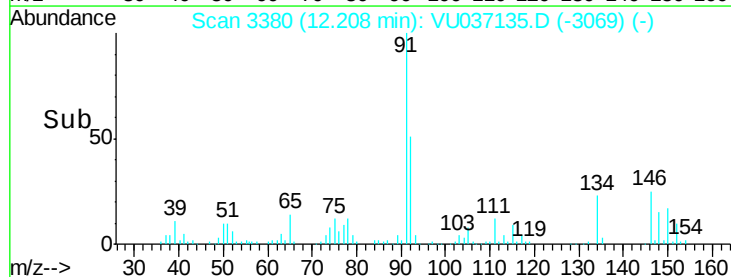
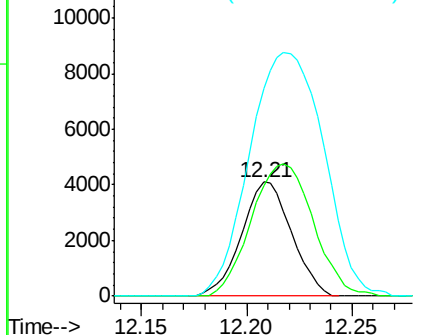


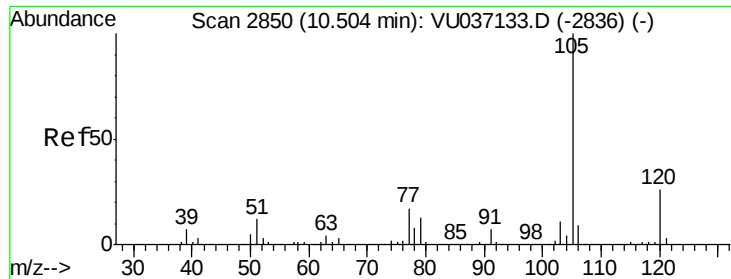
Abundance

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: 11.007 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 105 Resp: 256086

Ion Ratio Lower Upper

105 100

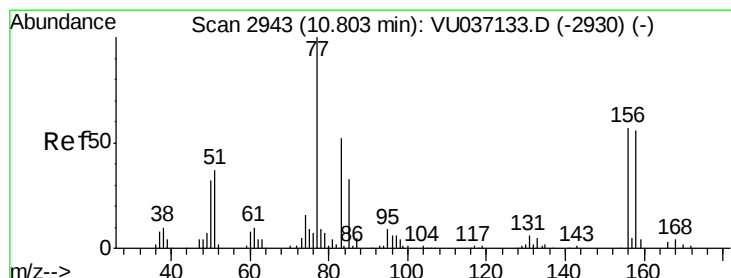
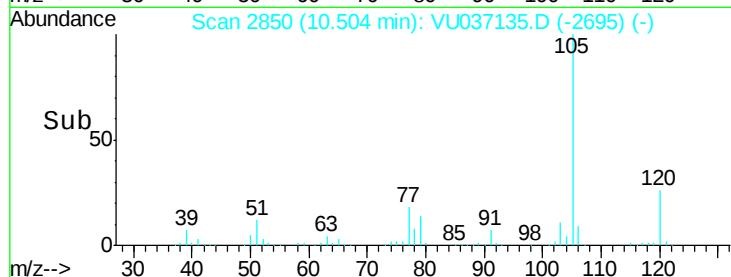
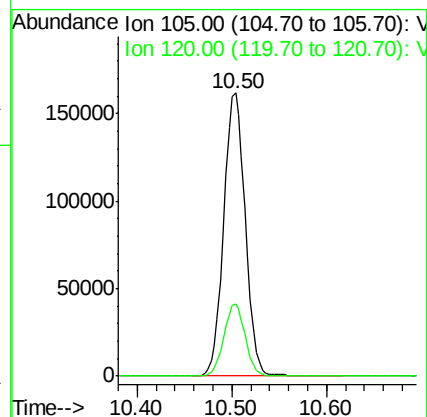
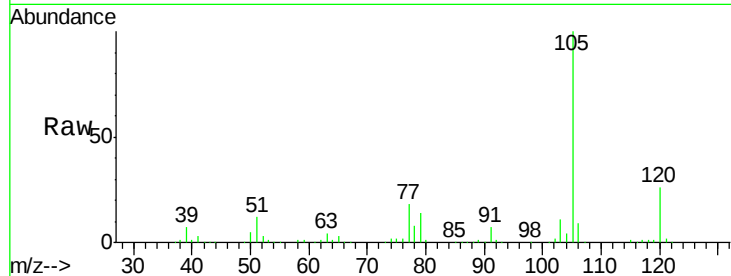
120 25.2 13.6 40.7

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.967 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

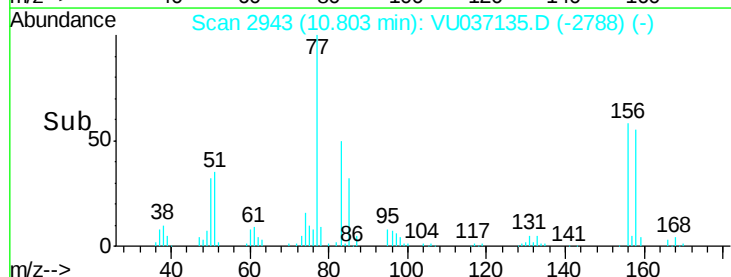
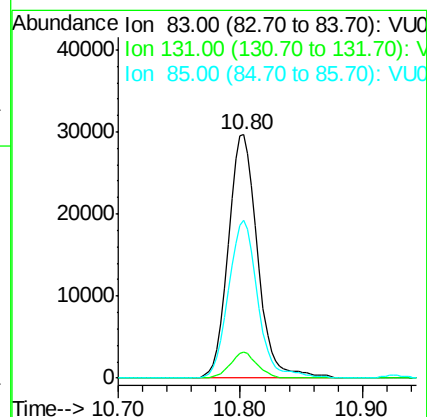
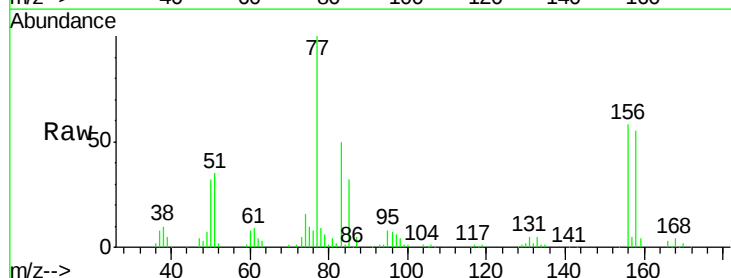
Tgt Ion: 83 Resp: 49981

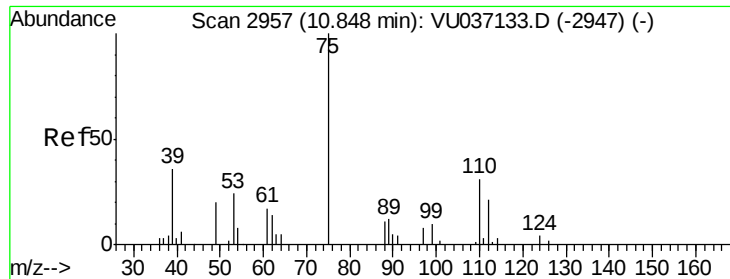
Ion Ratio Lower Upper

83 100

131 9.7 7.8 11.8

85 65.0 53.2 79.8





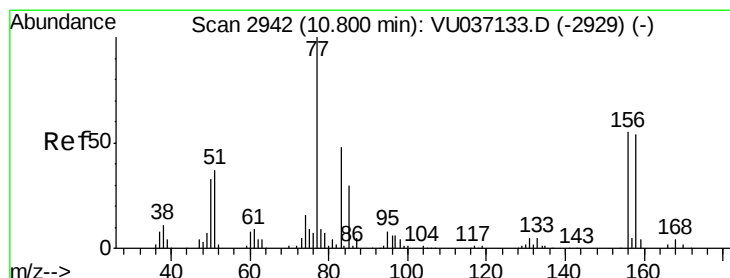
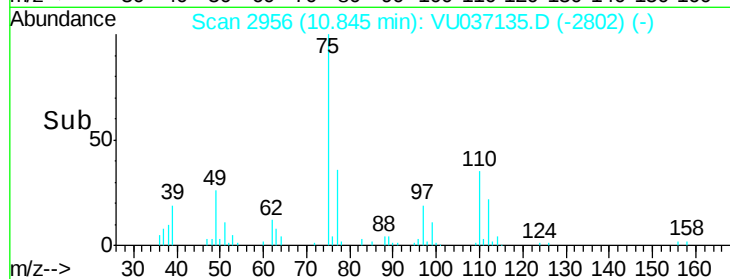
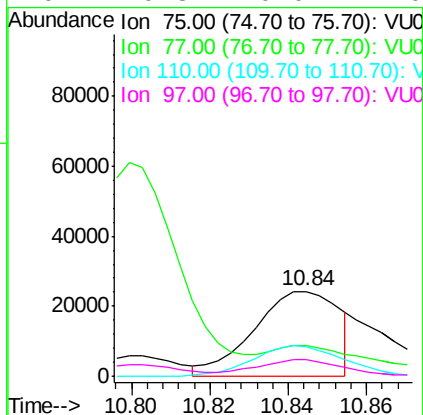
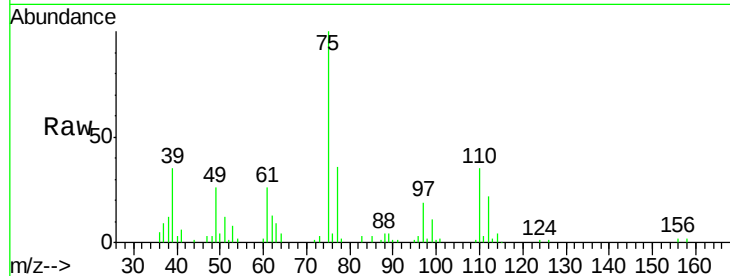
#71
1,2,3-Trichloropropane
Concen: 8.876 ug/l m
RT: 10.84 min Scan# 2956
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion:	75	Resp:	36386
Ion	Ratio	Lower	Upper
75	100		
77	44.3	0.0	129.6
110	39.0	0.0	77.4
97	19.8	0.0	42.0

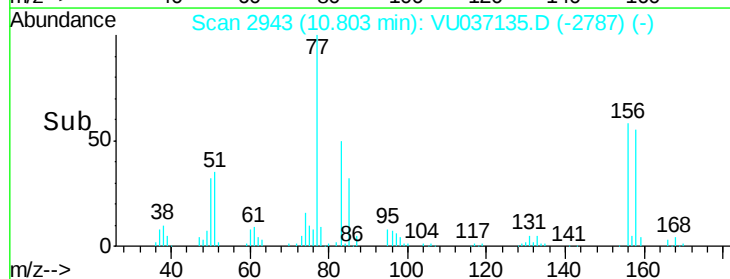
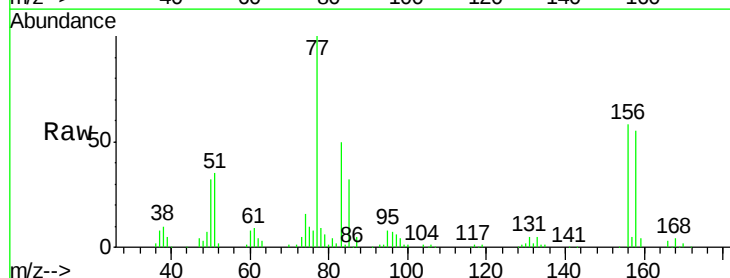
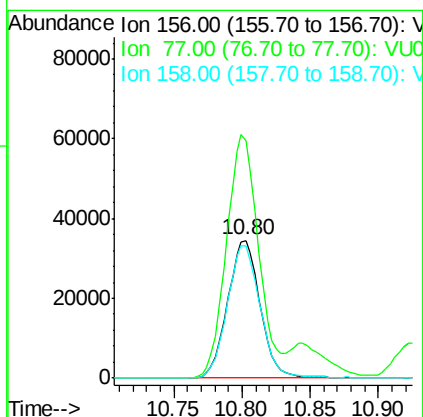
Manual Integrations
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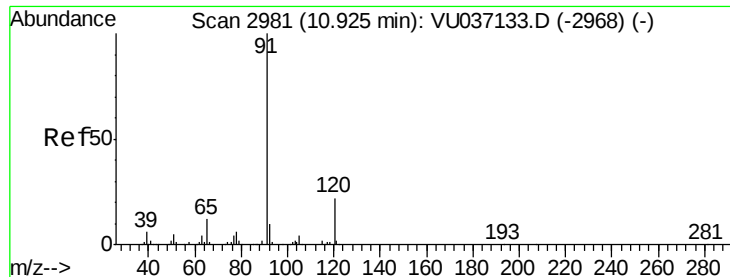
Sam
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#72
Bromobenzene
Concen: 10.195 ug/l
RT: 10.80 min Scan# 2943
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:	156	Resp:	57394
Ion	Ratio	Lower	Upper
156	100		
77	173.4	0.0	306.6
158	97.2	0.0	192.0





#73

n-propylbenzene

Concen: 10.937 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion:120 Resp: 67451

Ion Ratio Lower Upper

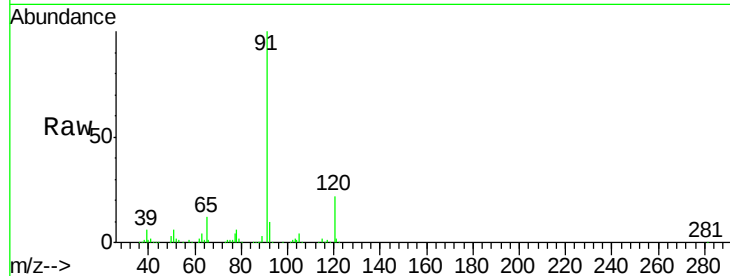
120 100

91 464.8 329.5 494.3

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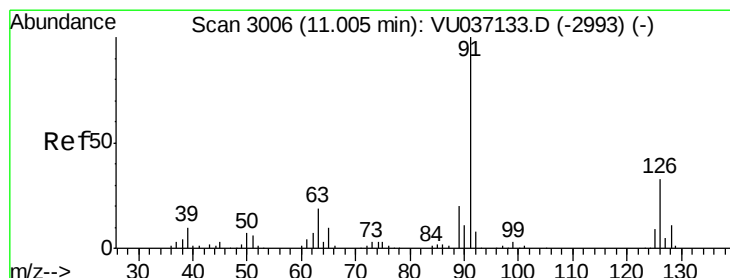
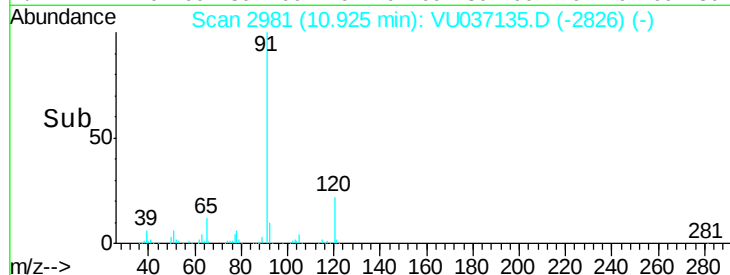
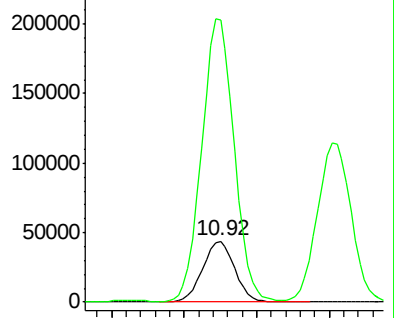
Sam

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.590 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU037135.D

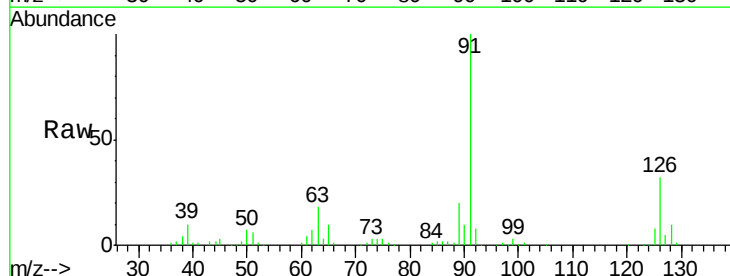
Acq: 09 Mar 2020 15:42

Tgt Ion:126 Resp: 59118

Ion Ratio Lower Upper

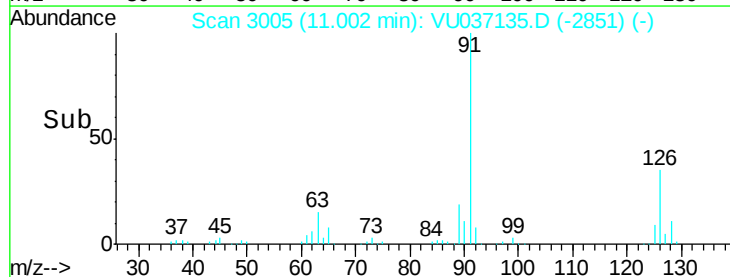
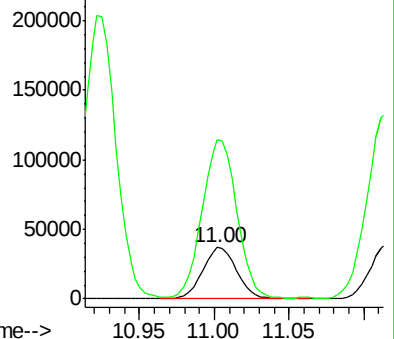
126 100

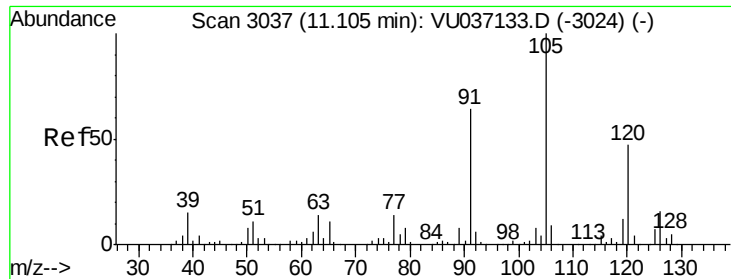
91 309.1 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.439 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion:105 Resp: 230436

Ion Ratio Lower Upper

105 100

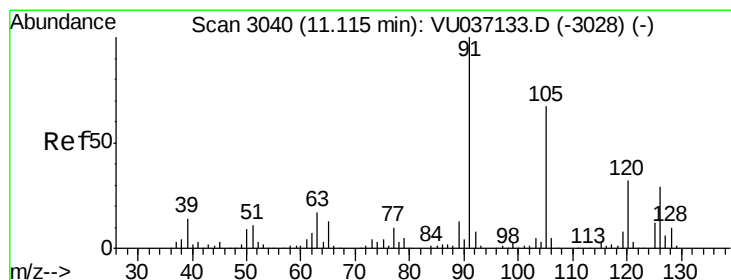
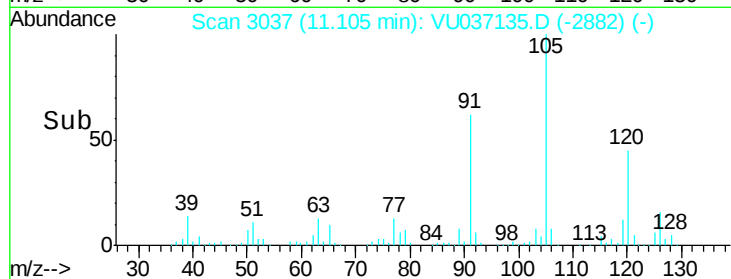
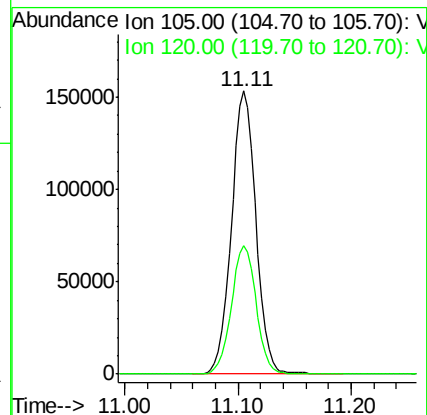
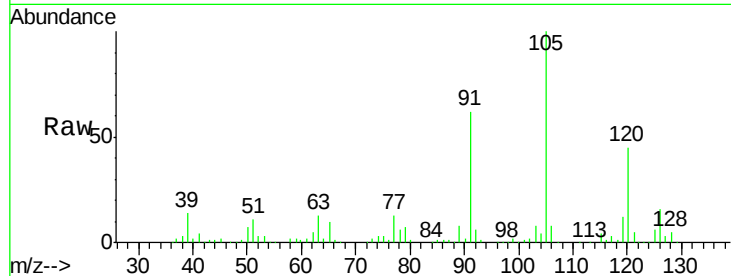
120 46.0 39.8 59.8

Manual Integrations

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#76

4-Chlorotoluene

Concen: 10.891 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU037135.D

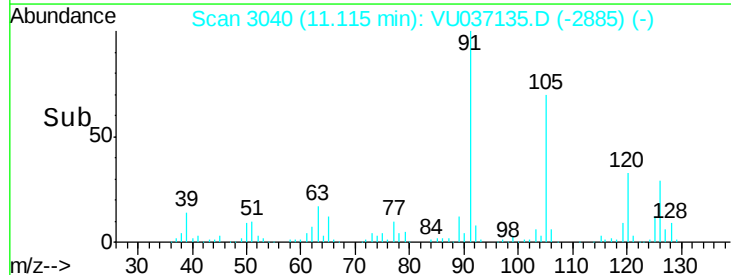
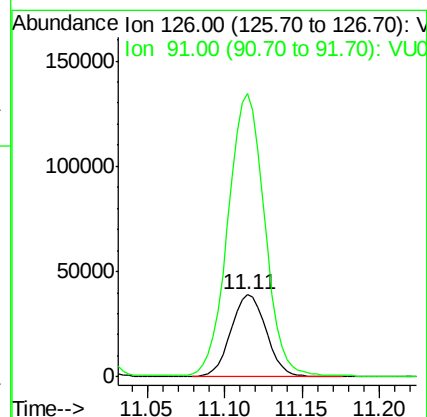
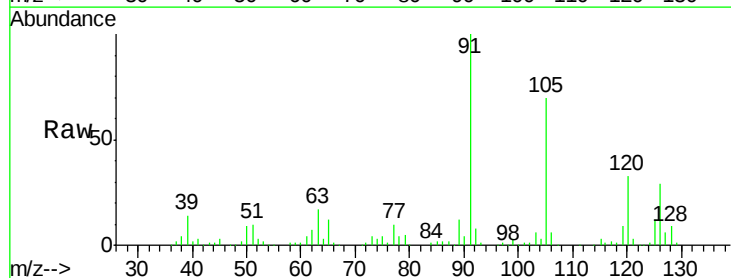
Acq: 09 Mar 2020 15:42

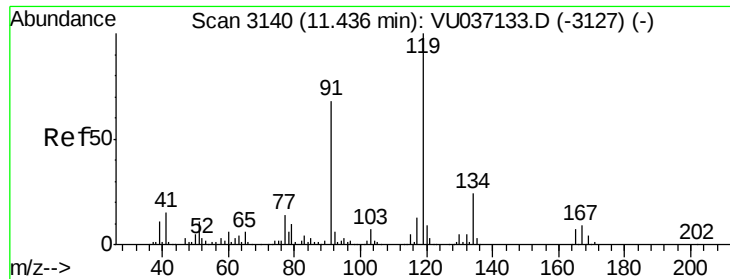
Tgt Ion:126 Resp: 61204

Ion Ratio Lower Upper

126 100

91 363.6 0.0 633.0





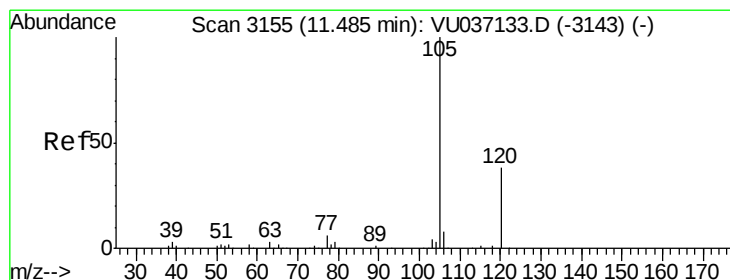
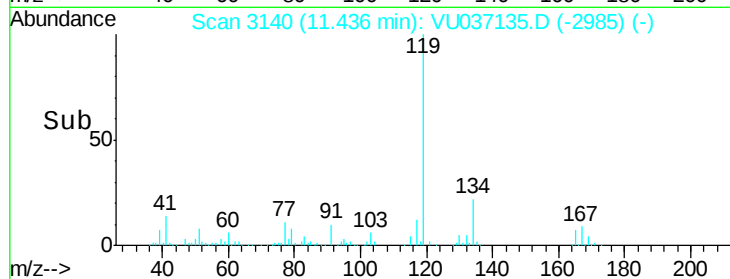
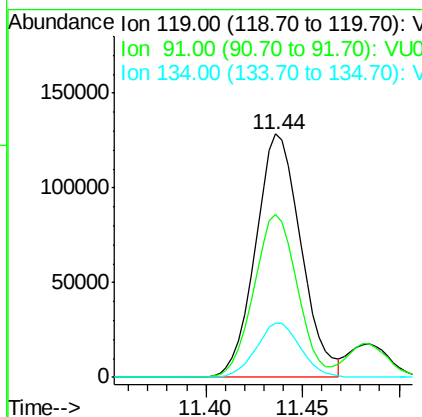
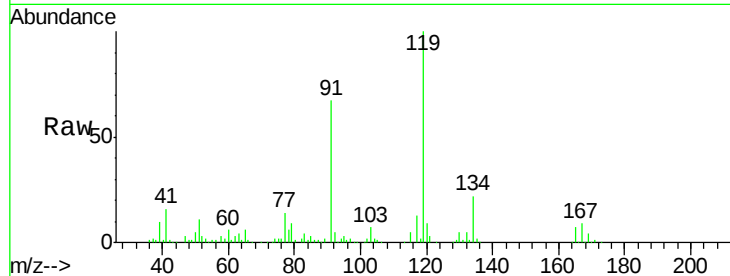
#77
 tert-Butylbenzene
 Concen: 10.697 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion	Ratio	Resp	Lower	Upper
119	100	210051		
91	64.1	29.3	87.8	
134	21.6	19.0	28.4	

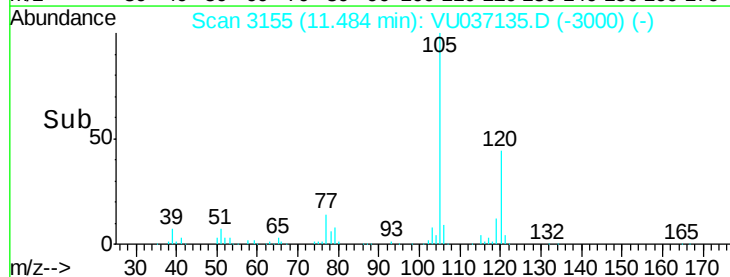
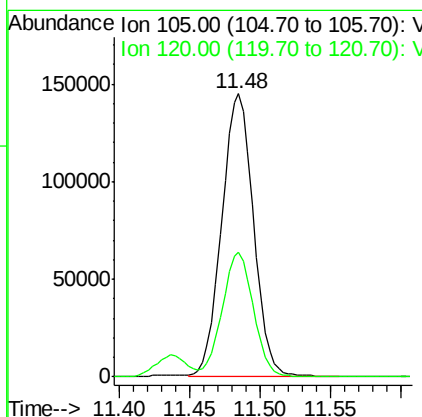
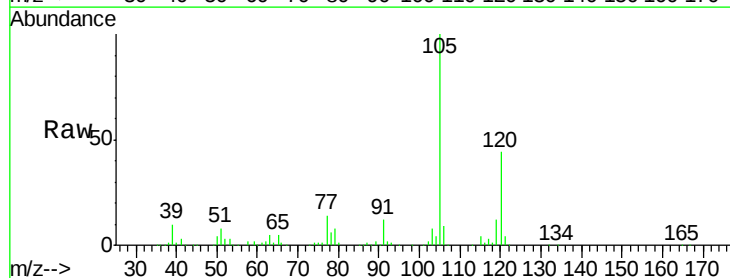
Manual Integrations
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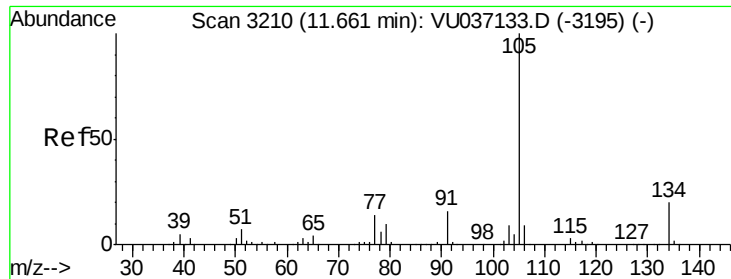
sam
 3/10/2020 3:06:37 PM



#78
 1,2,4-Trimethylbenzene
 Concen: 11.234 ug/l
 RT: 11.48 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228434		
120	43.3	23.3	69.8	





#79

sec-Butylbenzene

Concen: 10.050 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 105 Resp: 268521

Ion Ratio Lower Upper

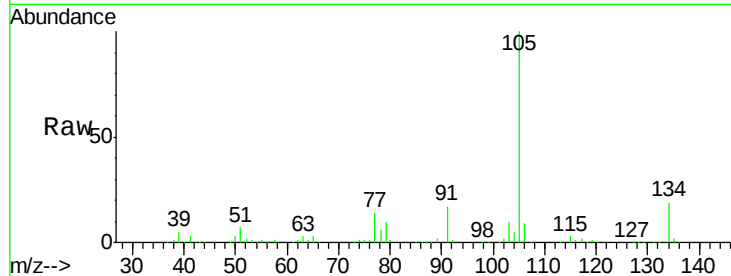
105 100

134 19.2 16.0 24.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

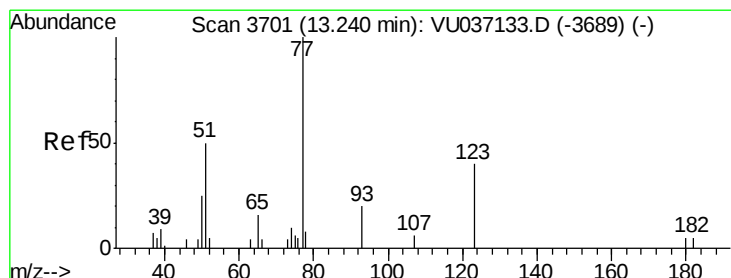
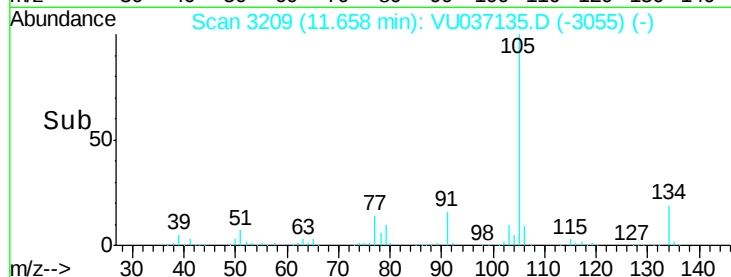
50000

0

11.60

11.70

Time-->



#80

Nitrobenzene

Concen: 9.913 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

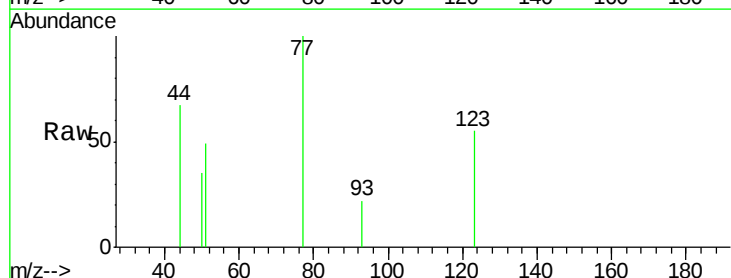
Tgt Ion: 77 Resp: 1088

Ion Ratio Lower Upper

77 100

123 44.4 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

600

400

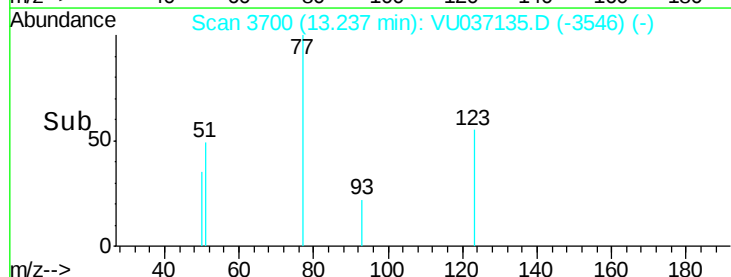
200

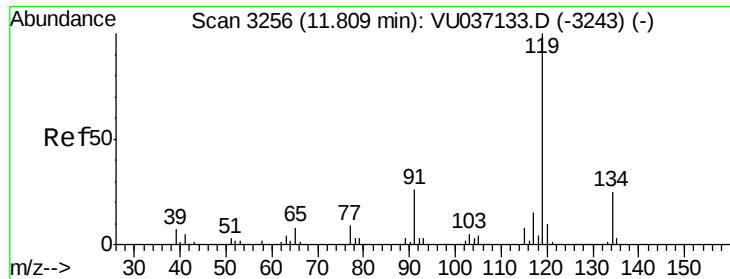
0

13.20

13.25

Time-->





#81

p-Isopropyltoluene

Concen: 11.449 ug/l

RT: 11.81 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

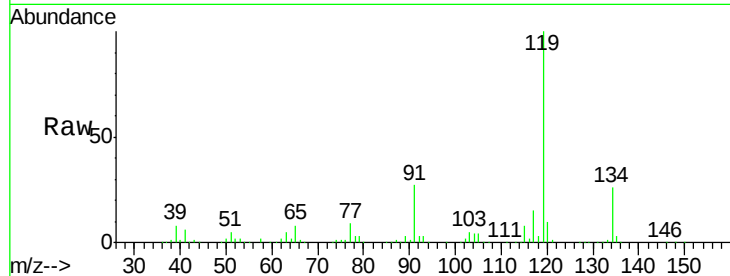
ClientSampleId :

ICVVU030920

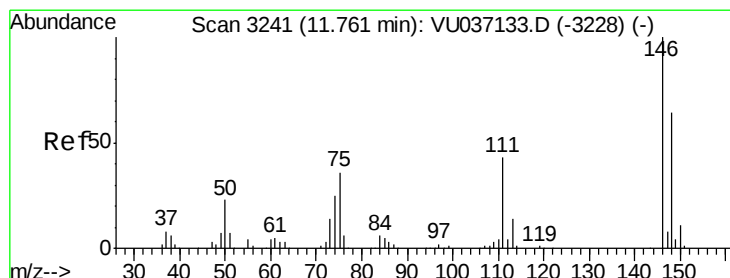
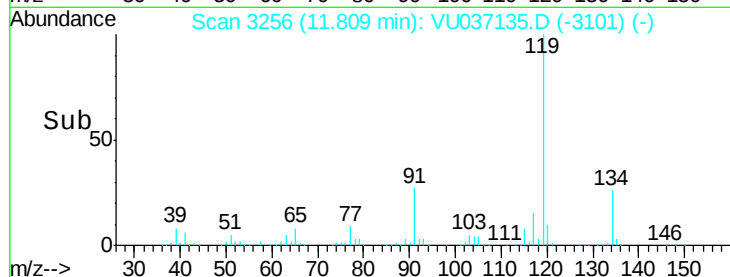
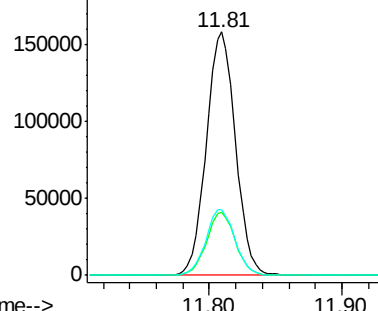
Tot Ion:	119	Resp:	241106
Ion Ratio	Lower	Upper	
119	100		
134	25.5	21.4	32.0
91	27.1	18.3	27.5

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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: 10.169 ug/l

RT: 11.76 min Scan# 3241

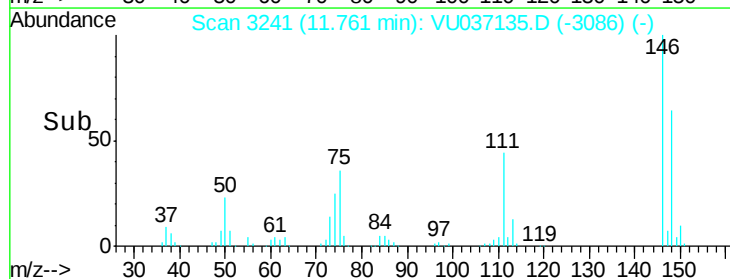
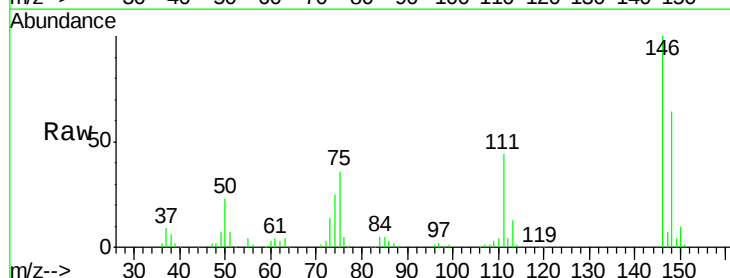
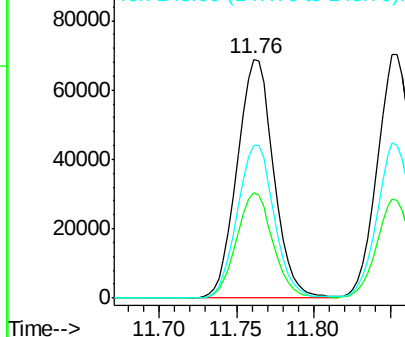
Delta R.T. -0.00 min

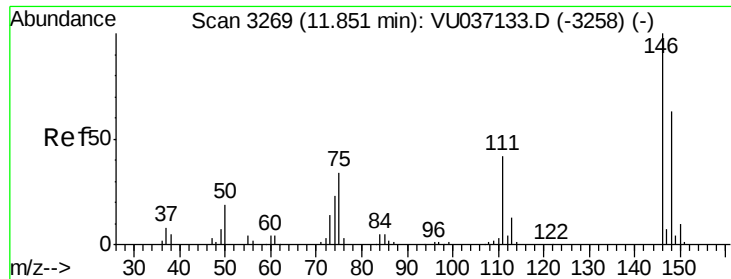
Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion:	146	Resp:	113430
Ion Ratio	Lower	Upper	
146	100		
111	43.9	32.2	48.2
148	64.5	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





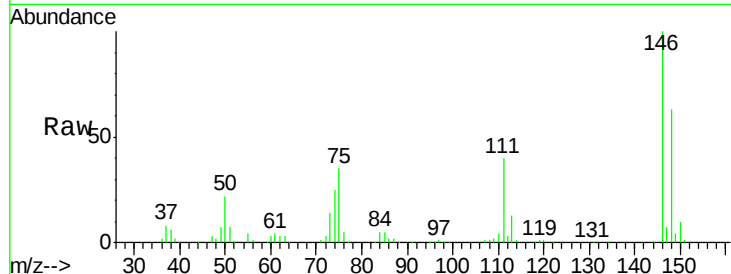
#83
 1,4-Dichlorobenzene
 Concen: 10.129 ug/l
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

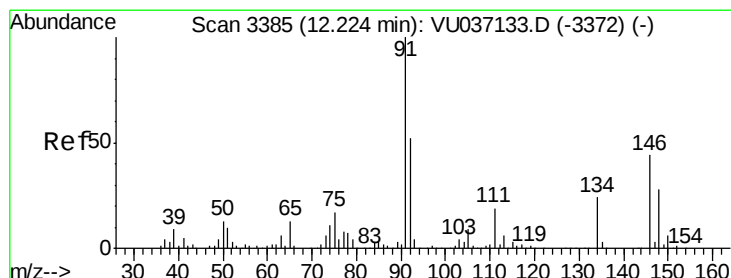
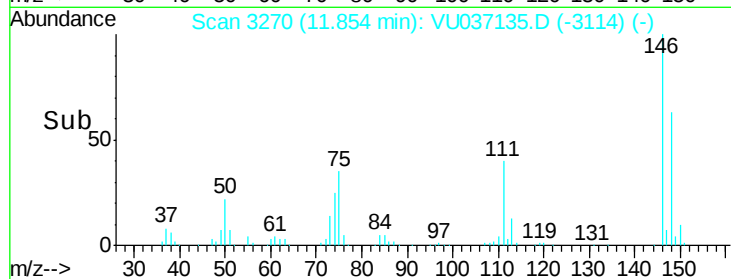
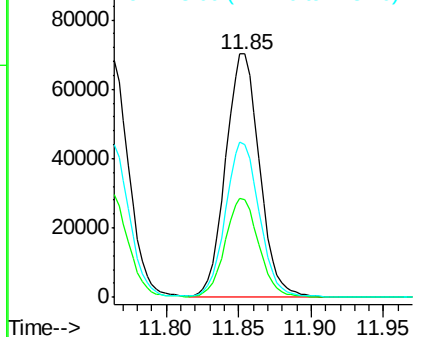
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	30.5	45.7
148	63.6	51.0	76.4

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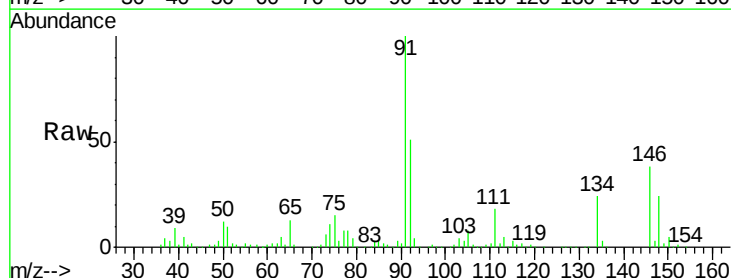


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

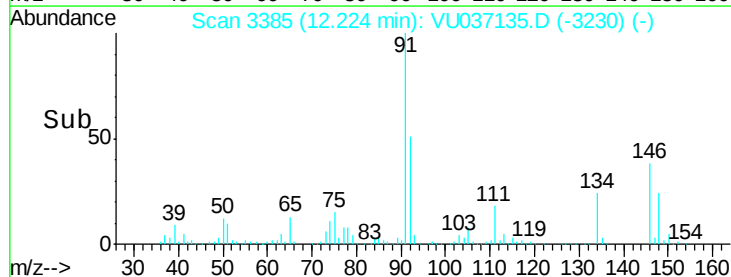
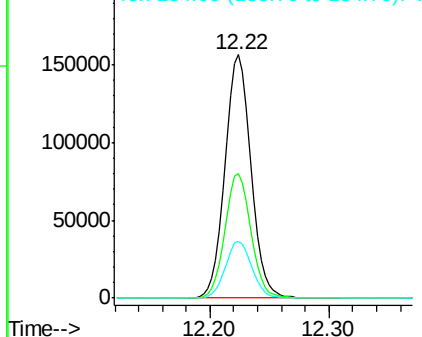


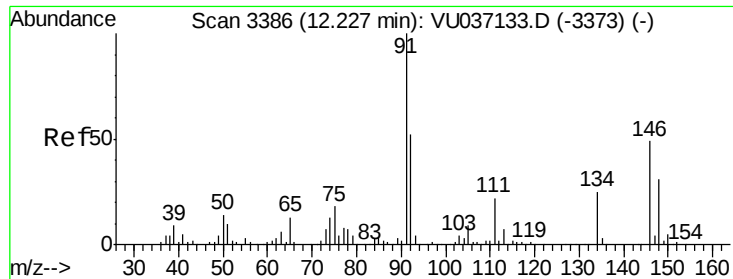
#84
 n-Butylbenzene
 Concen: 11.865 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	42.9	64.3
134	23.9	21.4	32.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





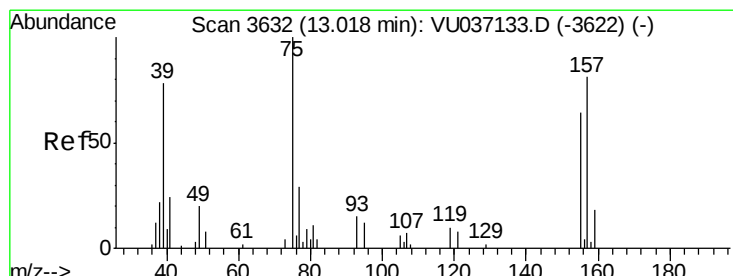
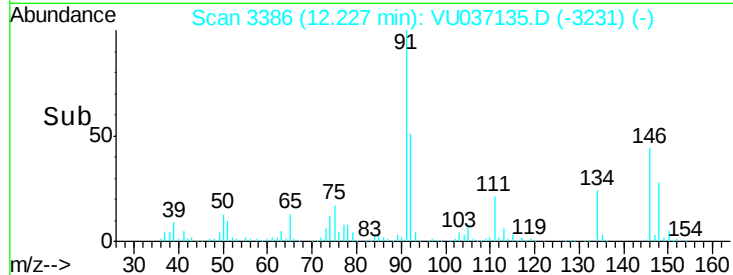
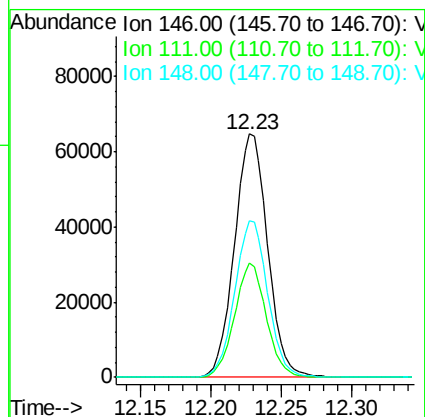
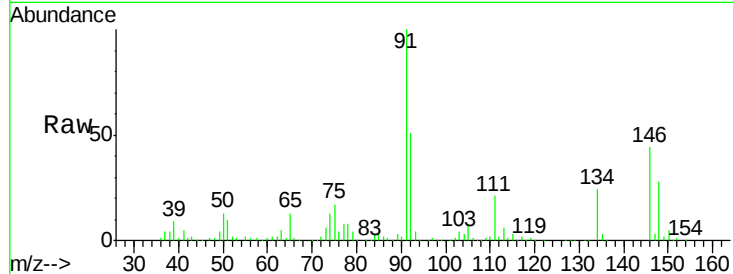
#85
 1,2-Dichlorobenzene
 Concen: 9.892 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
111	44.8	20.8	62.4		
148	63.8	32.0	96.2		

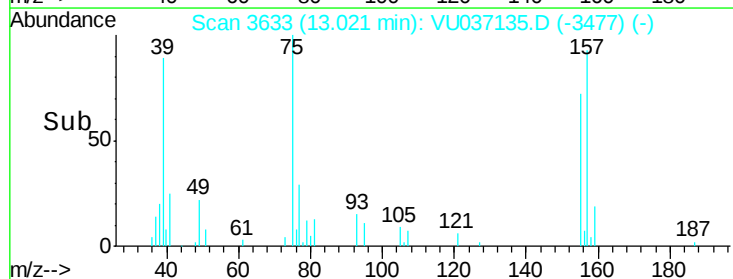
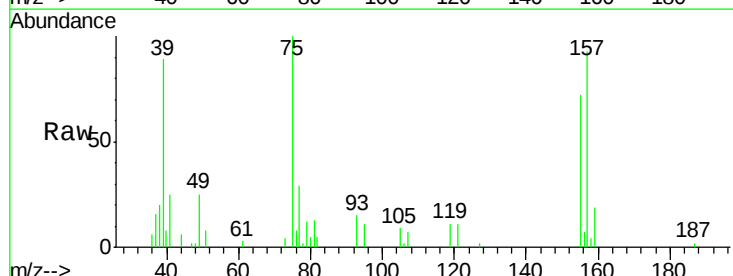
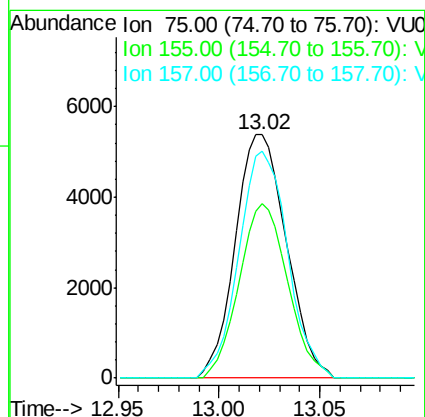
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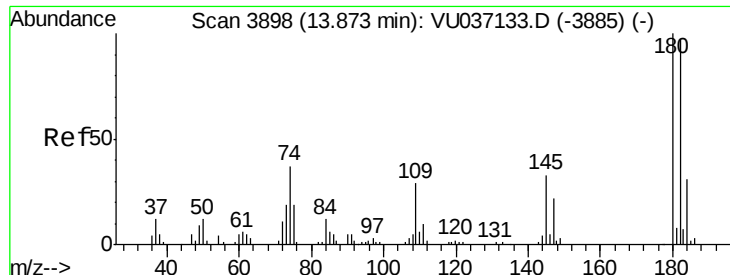
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.783 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100				
155	68.1	71.8	107.8#		
157	89.3	92.4	138.6#		





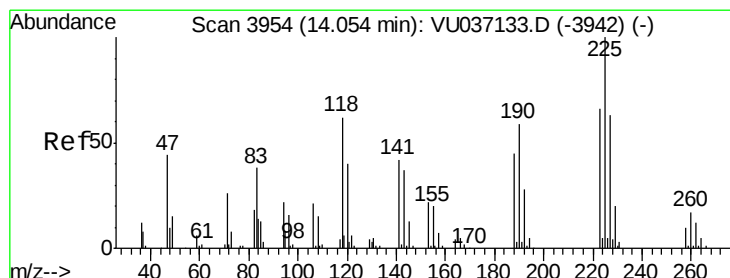
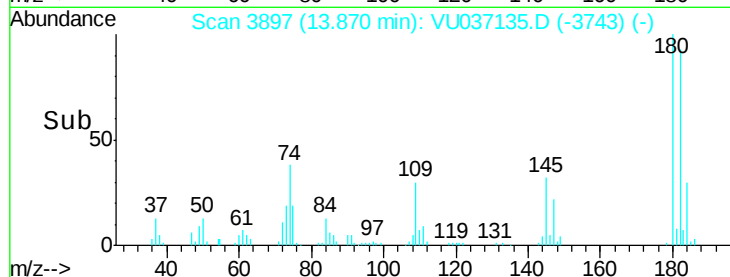
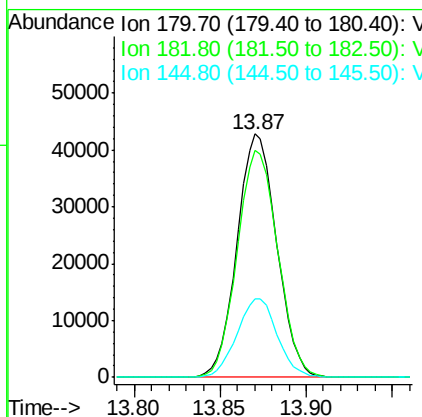
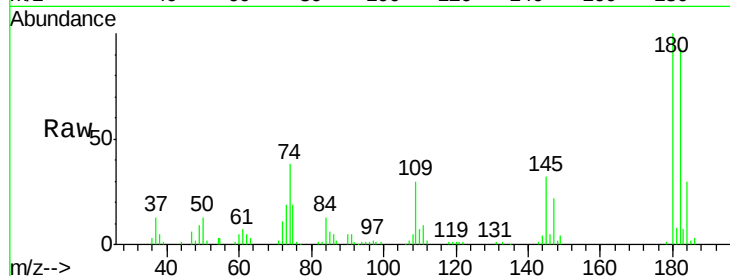
#87
 1,2,4-Trichlorobenzene
 Concen: 12.609 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.9	113.9
145	32.8	23.4	35.2

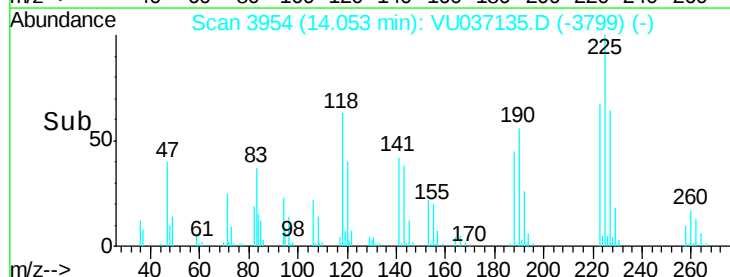
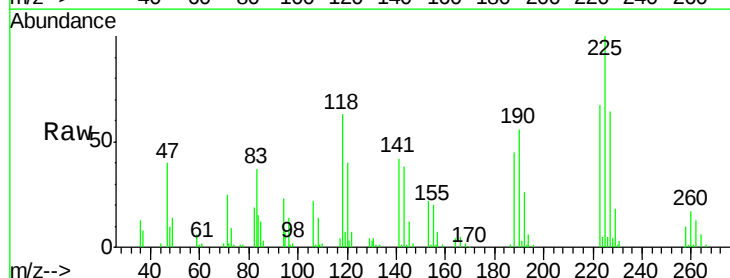
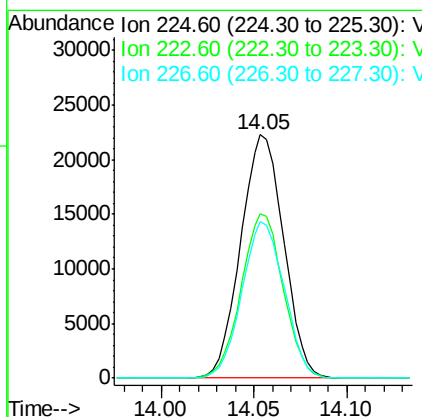
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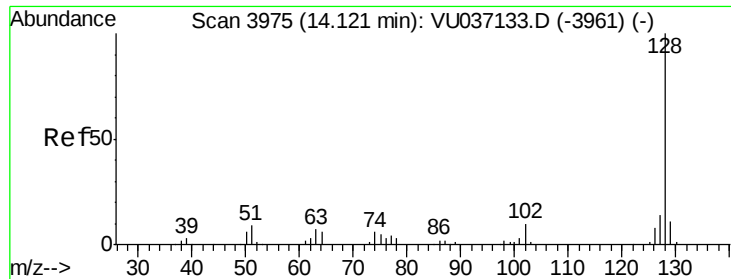
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#88
 Hexachlorobutadiene
 Concen: 10.664 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	51.7	77.5
227	63.1	50.6	75.8





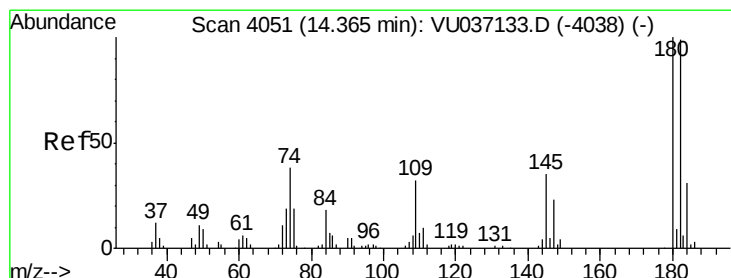
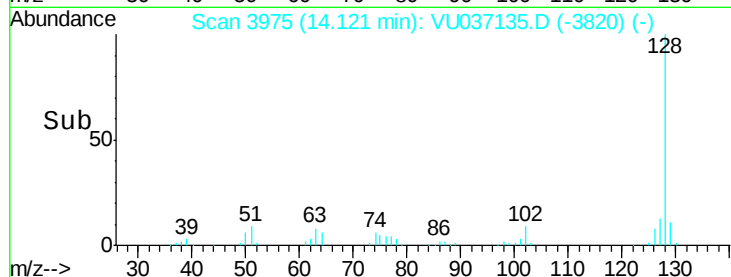
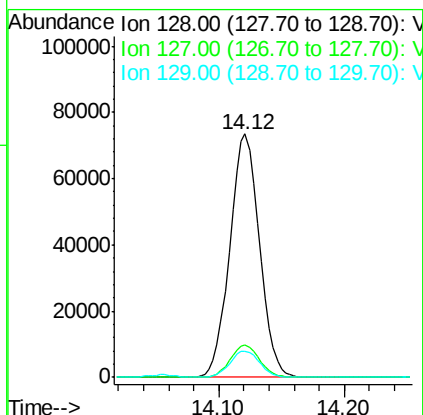
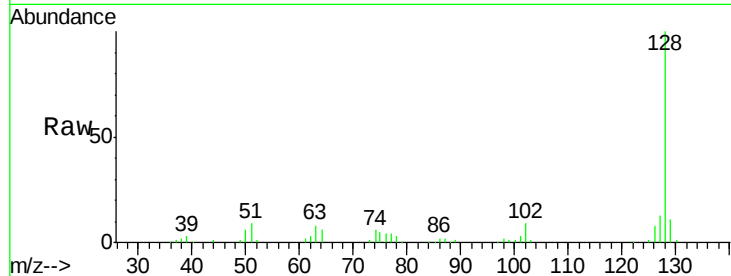
#89
Naphthalene
Concen: 10.799 ug/l
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.7	13.1

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#90
1,2,3-Trichlorobenzene
Concen: 11.963 ug/l
RT: 14.37 min Scan# 4051
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.4
145	35.1	25.2	37.8

