

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040914.D
 Acq On : 22 Oct 2020 20:01
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 10/26/2020 4:14:54 PM

Quant Time: Oct 23 06:55:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	56659	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	22587	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	23126	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	135007	7.715	ug/l	97
3) Chloromethane	1.53	50	142588	7.677	ug/l	96
4) Vinyl Chloride	1.61	62	130762	7.191	ug/l	98
5) Bromomethane	1.87	94	72613	5.642	ug/l	98
6) Chloroethane	1.94	64	77289	6.565	ug/l	98
7) Trichlorofluoromethane	2.15	101	171094	6.534	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	93982	6.262	ug/l	99
9) 1,1-Dichloroethene	2.59	96	80824	6.310	ug/l	97
10) Iodomethane	2.74	142	92964	8.795	ug/l	99
11) Allyl Chloride	2.94	41	166798	6.535	ug/l	100
12) Acrylonitrile	3.34	53	57673	12.892	ug/l	96
13) Acetone	2.66	43	118443	29.758	ug/l	96
14) Carbon Disulfide	2.81	76	308123	8.098	ug/l	100
15) Methylene Chloride	3.06	84	99373	5.166	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	90586	6.497	ug/l	98
17) 1,1-Dichloroethane	3.89	63	190737	6.312	ug/l	99
18) 2-Butanone	4.75	43	199694	32.072	ug/l	100
19) Cyclohexane	5.39	56	175341m	6.780	ug/l	
20) Methylcyclohexane	6.77	83	135340	5.850	ug/l	98
21) 2,2-Dichloropropane	4.68	77	152907	5.451	ug/l	98
22) cis-1,2-Dichloroethene	4.69	96	97261	6.113	ug/l	98
23) Diethyl Ether	2.39	59	82692	6.742	ug/l	98
24) tert-Butyl Alcohol	3.25	59	61618m	38.138	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	253202	6.020	ug/l	98
26) Bromochloromethane	4.99	128	43458	6.243	ug/l	97
27) Chloroform	5.10	83	181262	5.985	ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	154794	5.909	ug/l	99
29) 1,1-Dichloropropene	5.54	75	136809	6.080	ug/l	100
30) Carbon Tetrachloride	5.53	117	140189	5.916	ug/l	96
31) Isopropyl Ether	4.02	45	291165	5.725	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	254972	5.567	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	191951	4.851	ug/l	98
34) Propionitrile	4.82	54	57944	36.523	ug/l #	91
35) Benzene	5.79	78	376570	6.047	ug/l	98
36) 1,2-Dichloroethane	5.81	62	140823	5.894	ug/l	99
37) Trichloroethene	6.55	130	88503	5.671	ug/l	97
38) 1,2-Dichloropropane	6.80	63	108499	6.032	ug/l	96
39) Methacrylonitrile	5.01	41	50806	6.038	ug/l	97
40) Methyl acrylate	4.87	55	70239	6.460	ug/l	99
41) Tetrahydrofuran	5.10	42	50578	12.392	ug/l	96
42) 1-Chlorobutane	5.47	56	202924	6.084	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040914.D
 Acq On : 22 Oct 2020 20:01
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Oct 23 06:55:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	60546	5.868	ug/l	97
44) Bromodichloromethane	7.12	83	143150	5.793	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	422620	29.831	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	75709m	14.130	ug/l	
47) Methyl methacrylate	6.98	69	108462	12.147	ug/l	98
48) Ethyl methacrylate	8.34	69	87499	5.485	ug/l	99
49) Toluene	7.98	92	223074	5.935	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	124729	5.638	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	135253	5.504	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	78806	5.956	ug/l	97
53) 1,3-Dichloropropane	8.58	76	140836	5.925	ug/l	99
54) 2-Hexanone	8.70	43	297521	29.186	ug/l	98
55) Dibromochloromethane	8.82	129	92316	5.995	ug/l	98
56) 1,2-Dibromoethane	8.93	107	73105	5.908	ug/l	98
58) Tetrachloroethene	8.56	164	84430	5.622	ug/l	97
59) Chlorobenzene	9.45	112	224868	5.499	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	87838	5.840	ug/l	97
61) Pentachloroethane	11.42	117	70216	6.608	ug/l	100
62) Hexachloroethane	12.47	117	73183	5.621	ug/l	100
63) Ethyl Benzene	9.57	91	384413	5.500	ug/l	99
64) m/p-Xylenes	9.69	106	320237	12.180	ug/l	100
65) o-Xylene	10.10	106	137061	5.444	ug/l	96
66) Styrene	10.11	104	259051	5.851	ug/l	99
67) Bromoform	10.29	173	50341	6.283	ug/l	98
69) Isopropylbenzene	10.48	105	366165	5.323	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	107689	6.069	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	76088m	5.579	ug/l	
72) Bromobenzene	10.78	156	94664	5.807	ug/l	98
73) n-propylbenzene	10.90	120	110190	5.765	ug/l	98
74) 2-Chlorotoluene	10.99	126	97580	5.850	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	351640	5.828	ug/l	99
76) 4-Chlorotoluene	11.10	126	102158	5.691	ug/l	97
77) tert-Butylbenzene	11.42	119	309073	5.499	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	368664	5.812	ug/l	97
79) sec-Butylbenzene	11.64	105	452270	5.587	ug/l	99
80) Nitrobenzene	13.20	77	24933	33.908	ug/l #	97
81) p-Isopropyltoluene	11.79	119	373757	5.754	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	200867	5.632	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	215202	6.085	ug/l	98
84) n-Butylbenzene	12.20	91	370959	5.601	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	197760	5.774	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	20017	6.151	ug/l	95
87) 1,2,4-Trichlorobenzene	13.83	180	107682	5.442	ug/l	97
88) Hexachlorobutadiene	14.01	225	62165	6.011	ug/l	99
89) Naphthalene	14.08	128	219692	5.692	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	112143	5.978	ug/l	99

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

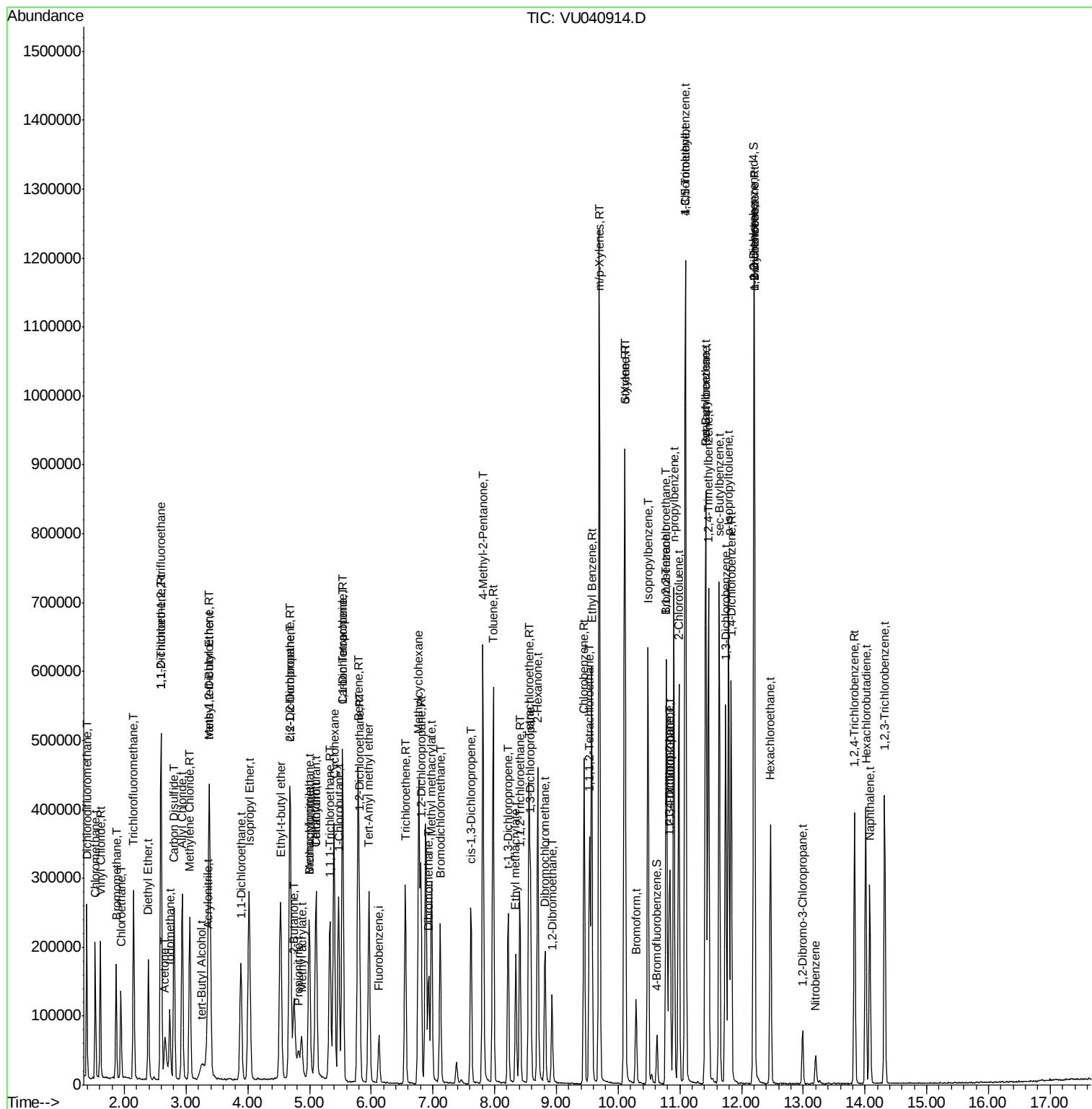
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102220\
Data File : VU040914.D
Acq On : 22 Oct 2020 20:01
Operator : SY/MD
Sample : VSTDIC005
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

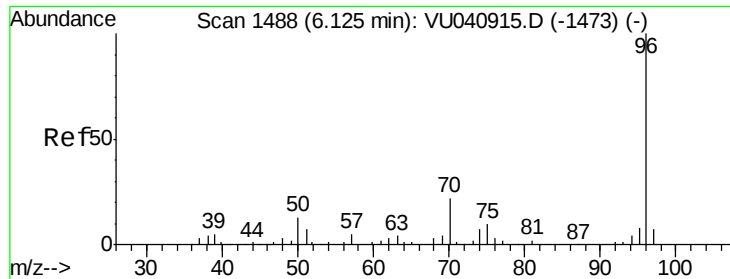
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
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Quant Time: Oct 23 06:55:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

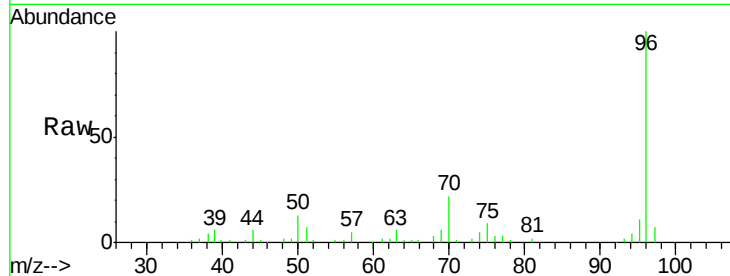
VSTDIC005

Tot Ion: 96 Resp: 56659

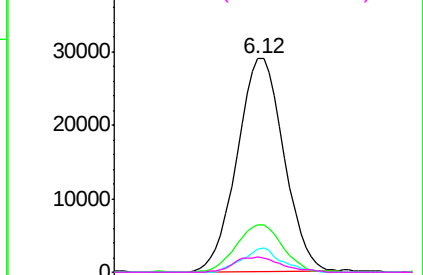
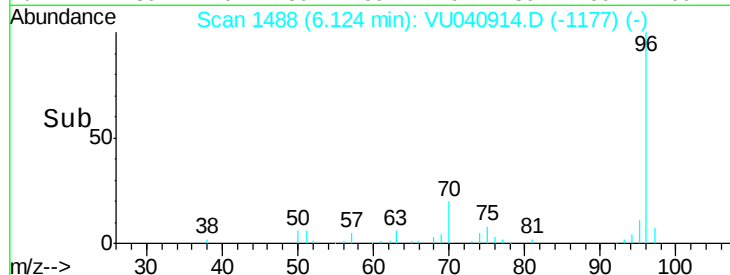
Ion	Ratio	Lower	Upper
96	100		
70	21.6	16.3	24.5
95	9.3	7.3	10.9
97	7.2	0.0	0.0#

Manual Integrations
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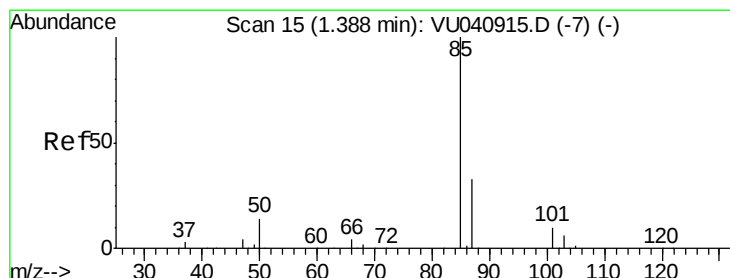
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Abundance Ion 96.00 (95.70 to 96.70): VU040914.D (-1177) (-)



Time-->



#2

Dichlorodifluoromethane

Concen: 7.715 ug/l

RT: 1.39 min Scan# 16

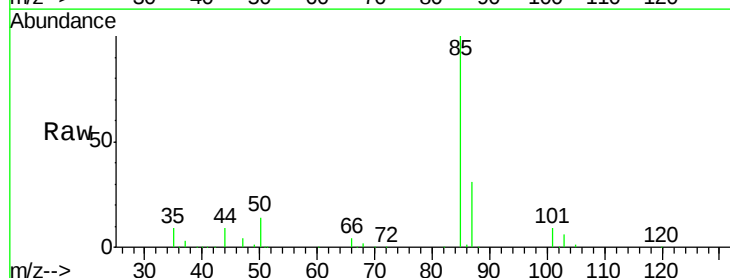
Delta R.T. 0.00 min

Lab File: VU040914.D

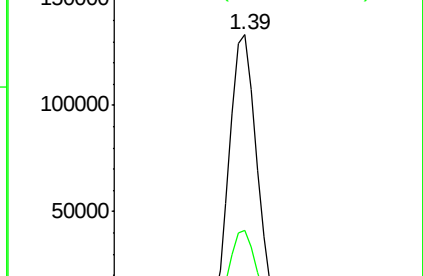
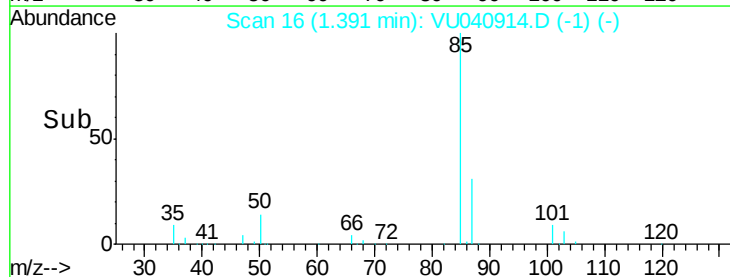
Acq: 22 Oct 2020 20:01

Tgt Ion: 85 Resp: 135007

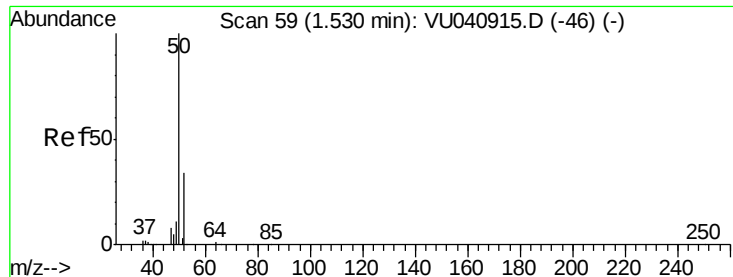
Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.5	49.5



Abundance Ion 85.00 (84.70 to 85.70): VU040914.D (-1) (-)



Time-->



#3

Chloromethane

Concen: 7.677 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 142588

Ion Ratio Lower Upper

50 100

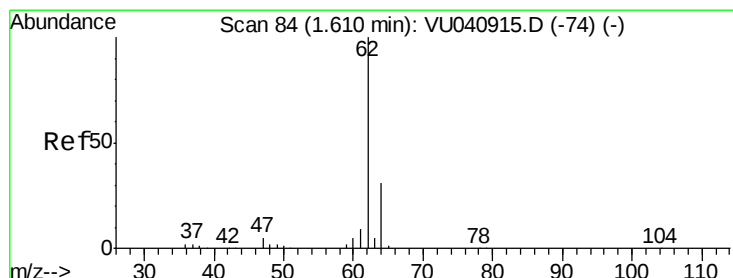
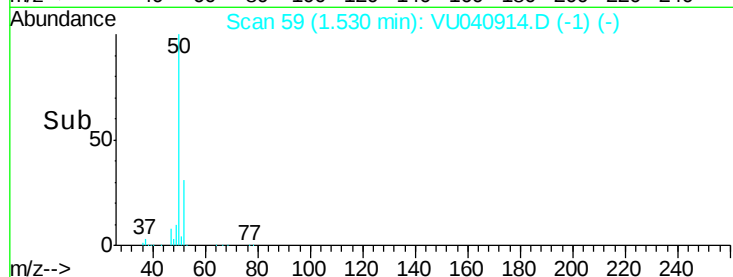
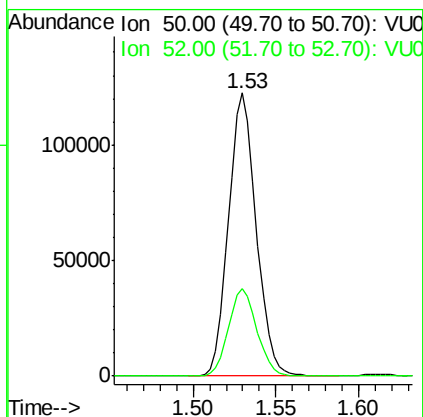
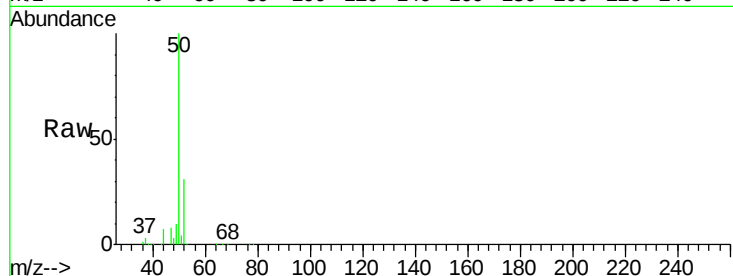
52 31.1 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 7.191 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040914.D

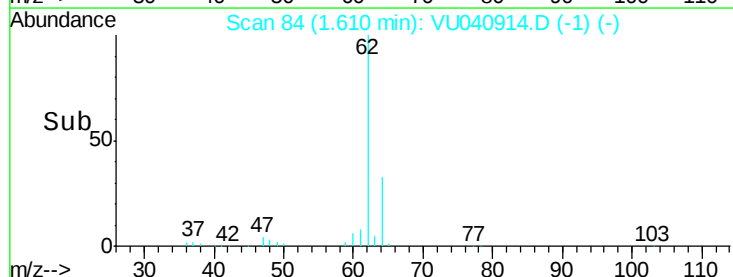
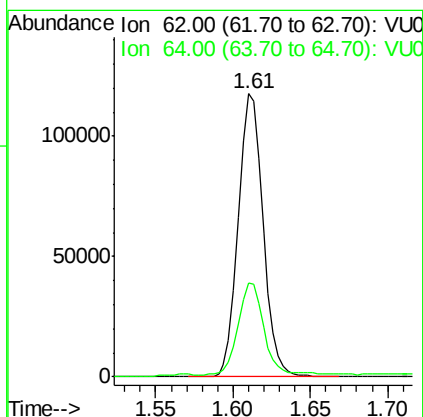
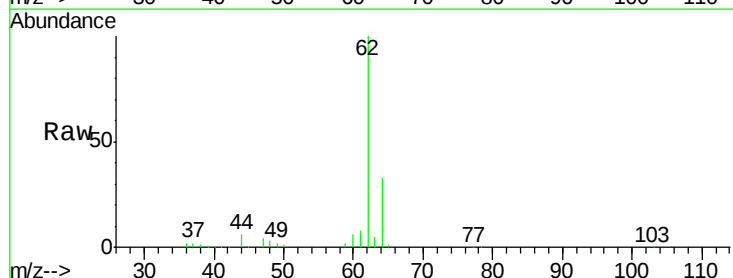
Acq: 22 Oct 2020 20:01

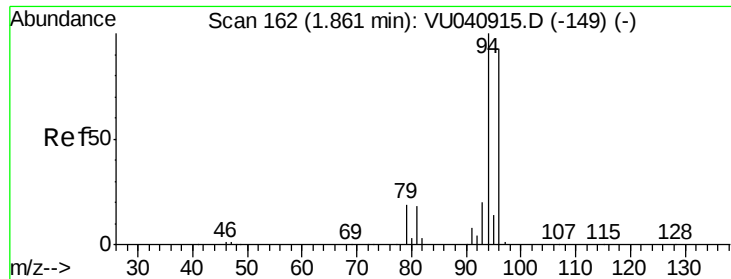
Tgt Ion: 62 Resp: 130762

Ion Ratio Lower Upper

62 100

64 32.2 24.7 37.1





#5

Bromomethane

Concen: 5.642 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 72613

Ion Ratio Lower Upper

94 100

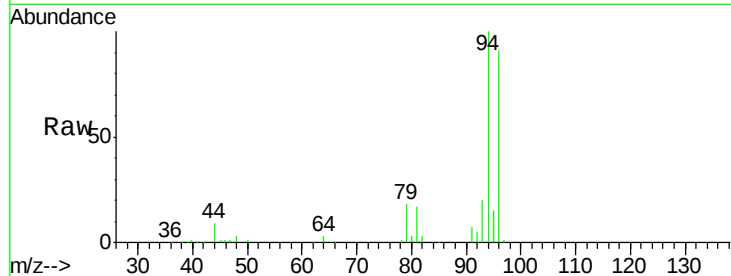
96 91.2 74.4 111.6

Manual Integrations

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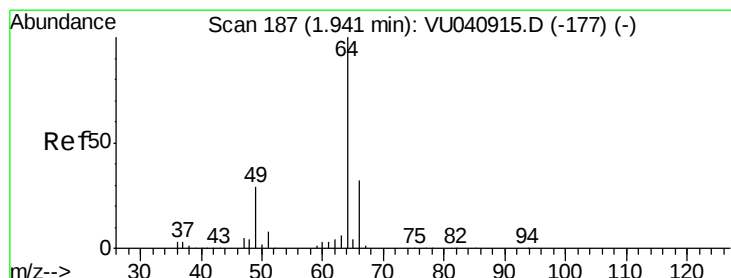
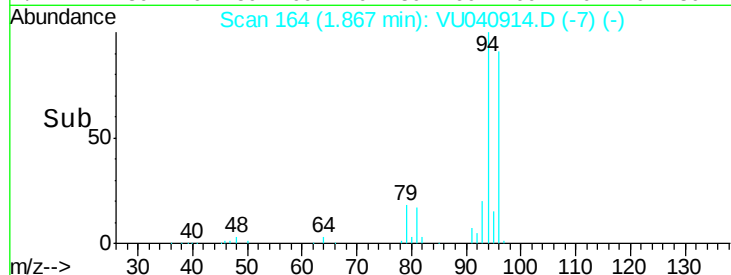
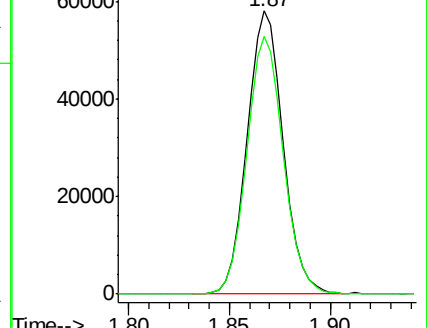
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Abundance Ion 94.00 (93.70 to 94.70): VU040914.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VU040914.D (-149) (-)



#6

Chloroethane

Concen: 6.565 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040914.D

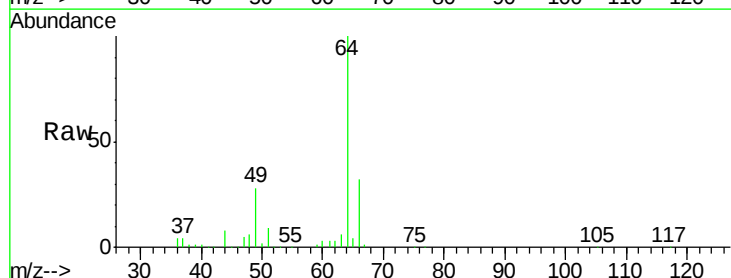
Acq: 22 Oct 2020 20:01

Tgt Ion: 64 Resp: 77289

Ion Ratio Lower Upper

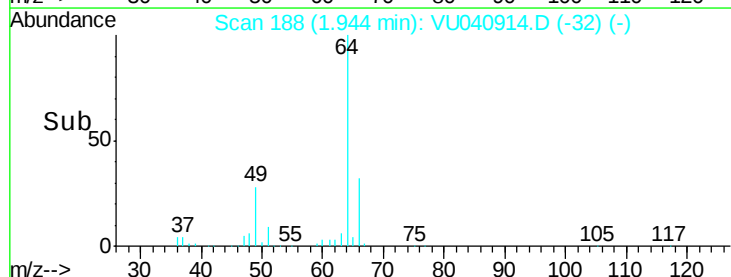
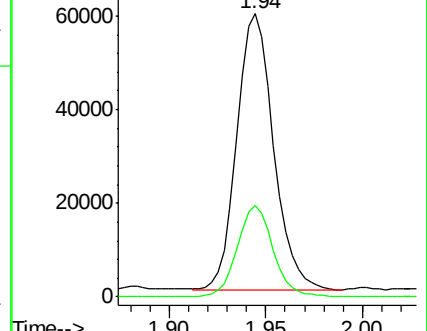
64 100

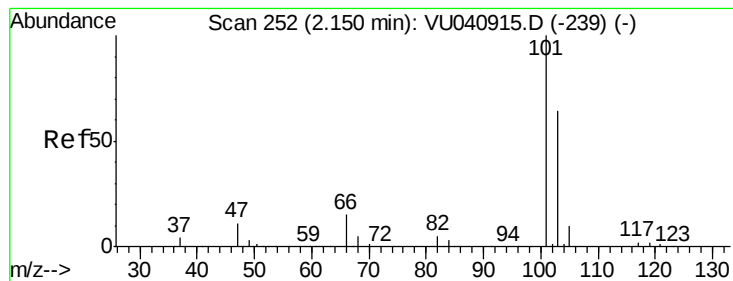
66 33.1 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU040914.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040914.D (-177) (-)





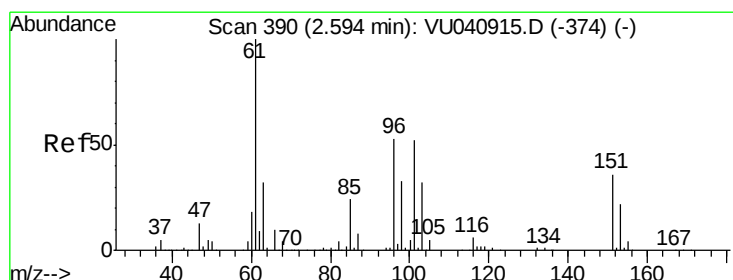
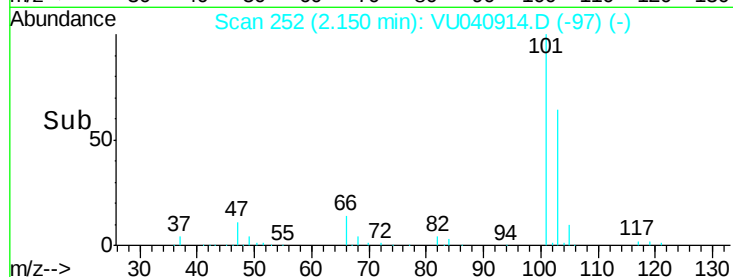
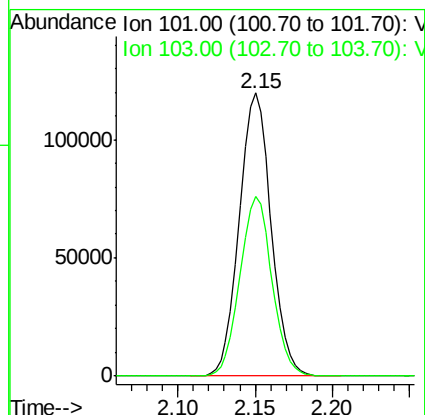
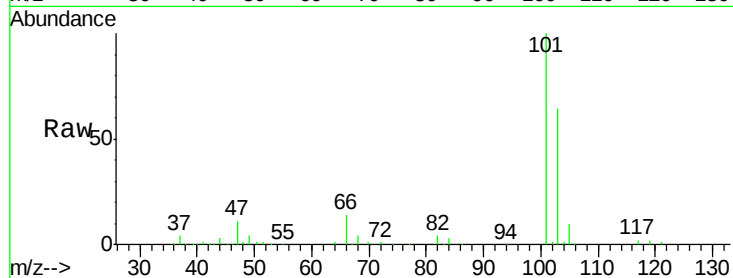
#7
 Trichlorofluoromethane
 Concen: 6.534 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
101	100	171094		
103	63.7	51.5	77.3	

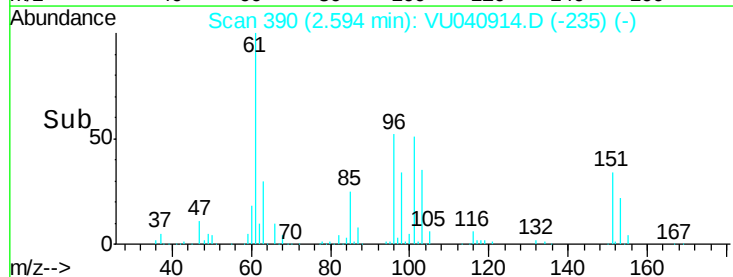
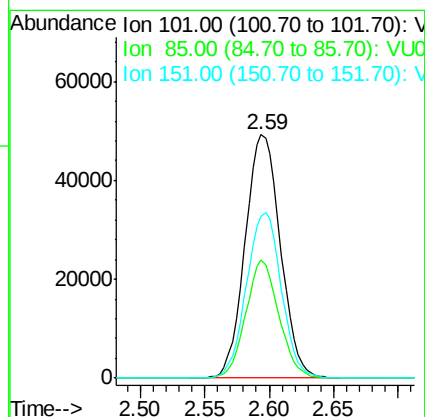
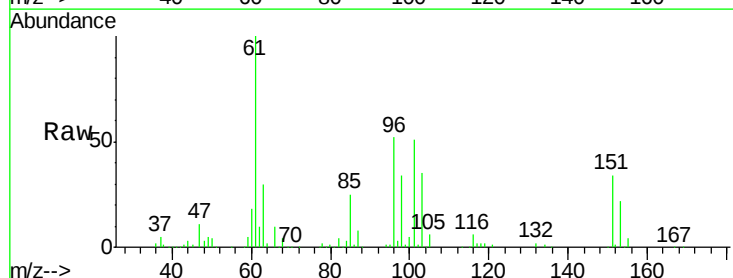
Manual Integrations
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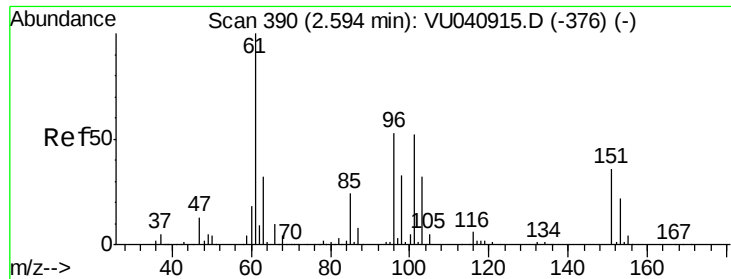
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.262 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	93982		
85	45.2	36.2	54.2	
151	67.3	55.1	82.7	





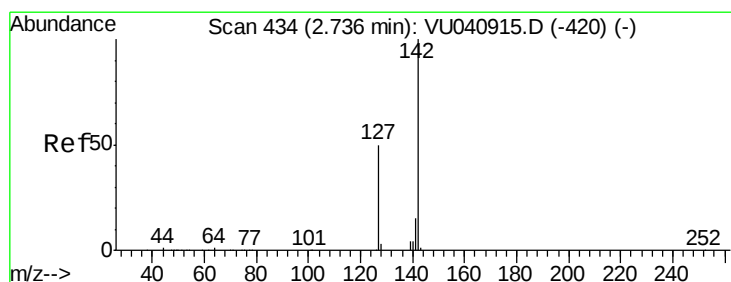
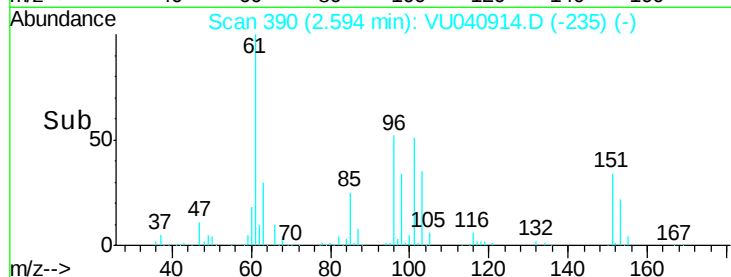
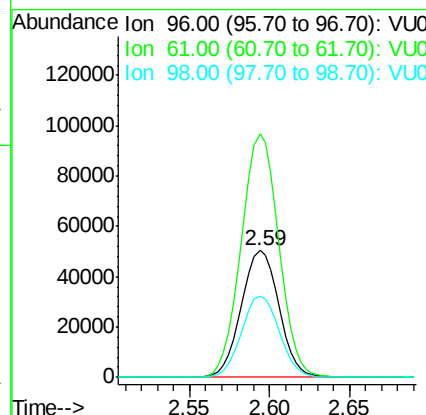
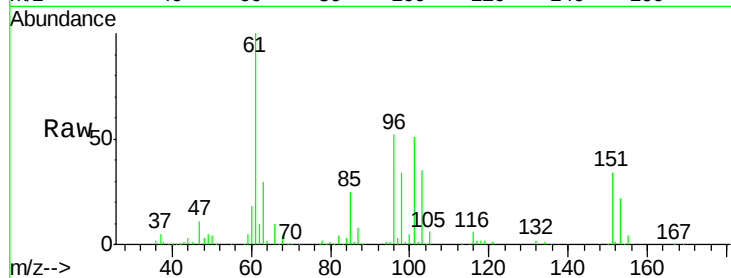
#9
 1,1-Dichloroethene
 Concen: 6.310 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	192.3	0.0	561.9
98	64.5	0.0	125.0

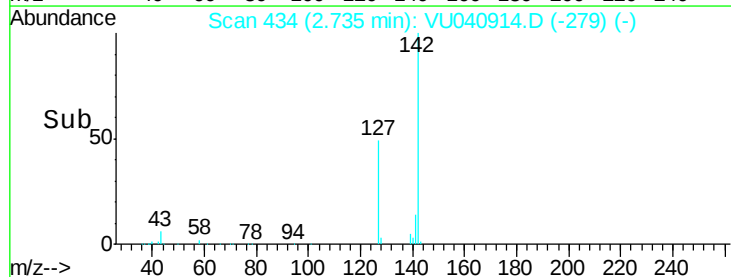
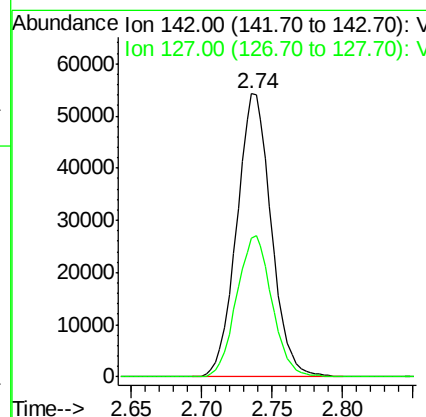
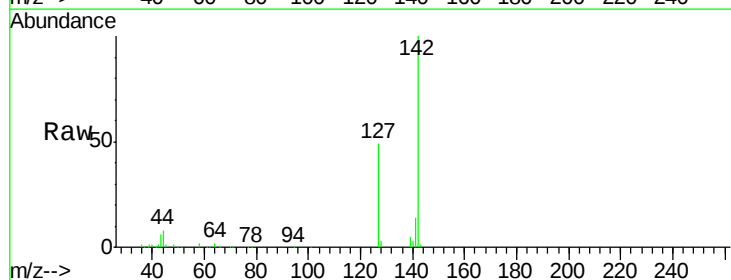
Manual Integrations
 APPROVED

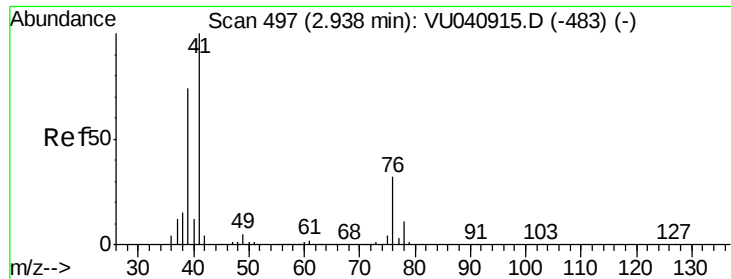
MMDadoda
 10/26/2020 4:14:54 PM



#10
 Iodomethane
 Concen: 8.795 ug/l
 RT: 2.74 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	51.2	40.6	60.8





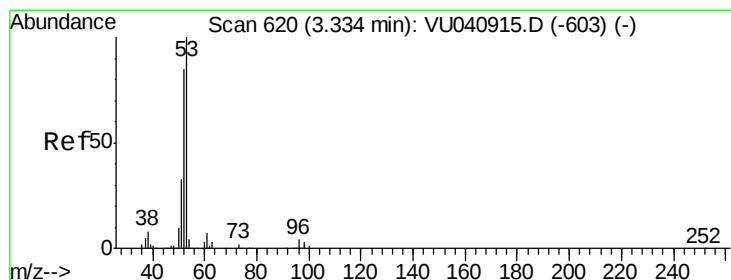
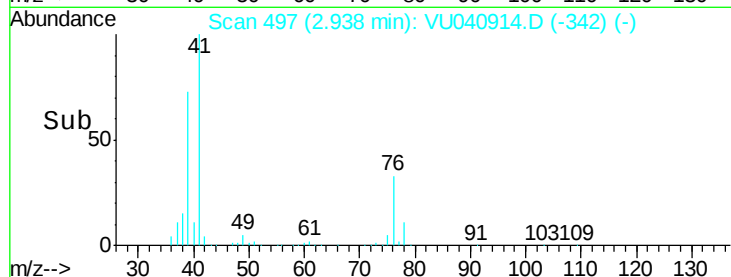
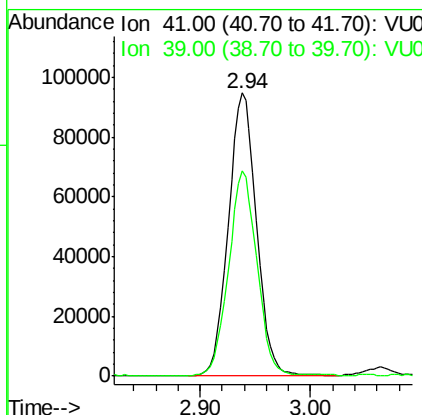
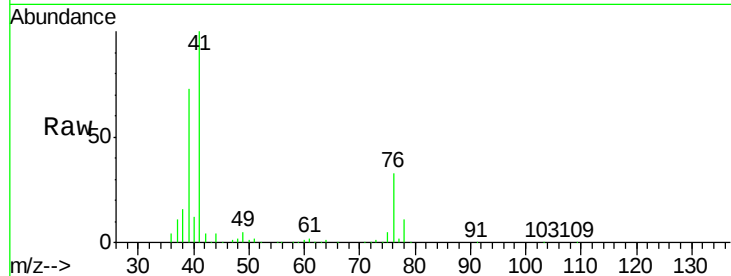
#11
Allvl Chloride
Concen: 6.535 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 41 Resp: 166798
Ion Ratio Lower Upper
41 100
39 74.0 59.0 88.4

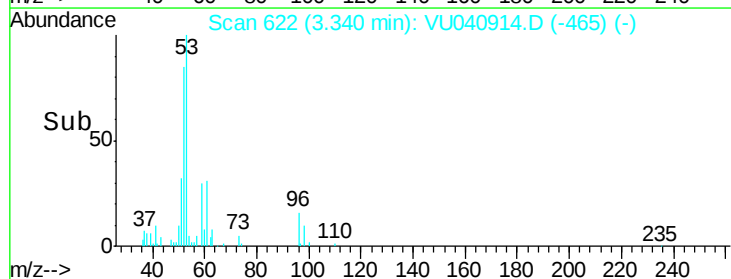
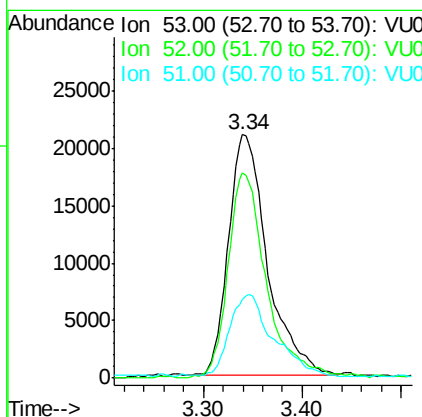
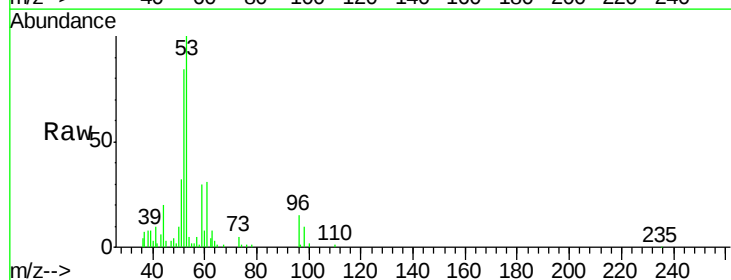
Manual Integrations
APPROVED

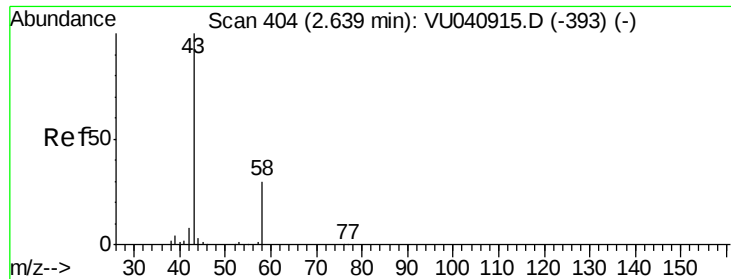
MMDadoda
10/26/2020 4:14:54 PM



#12
Acrylonitrile
Concen: 12.892 ug/l
RT: 3.34 min Scan# 622
Delta R.T. 0.01 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion: 53 Resp: 57673
Ion Ratio Lower Upper
53 100
52 83.9 63.1 94.7
51 38.1 30.6 46.0





#13

Acetone

Concen: 29.758 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.02 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 118443

Ion Ratio Lower Upper

43 100

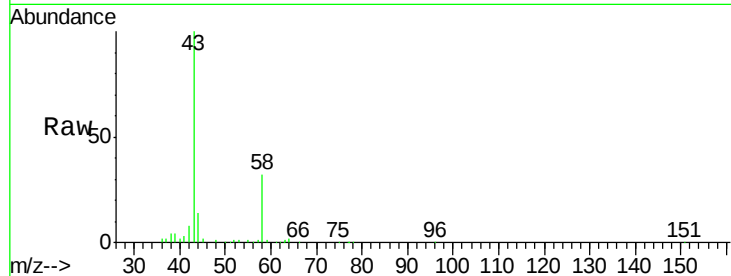
58 31.9 23.6 35.4

Manual Integrations

APPROVED

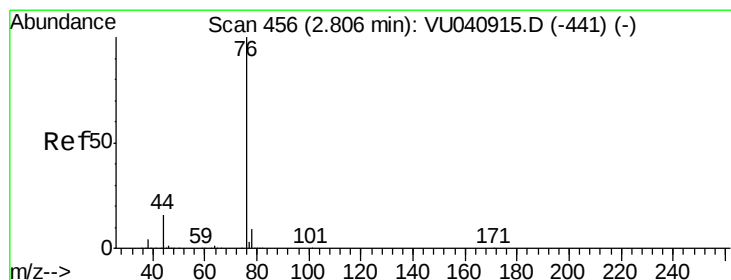
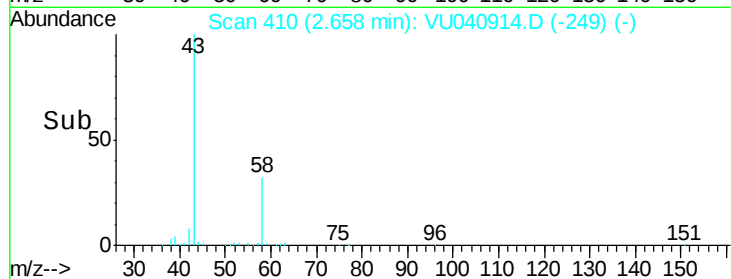
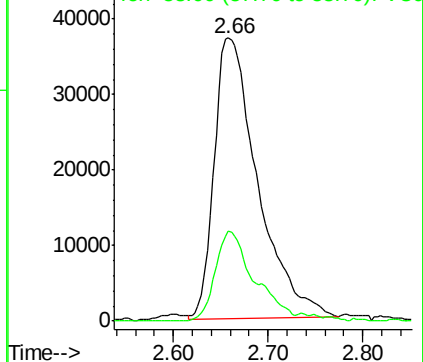
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 8.098 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040914.D

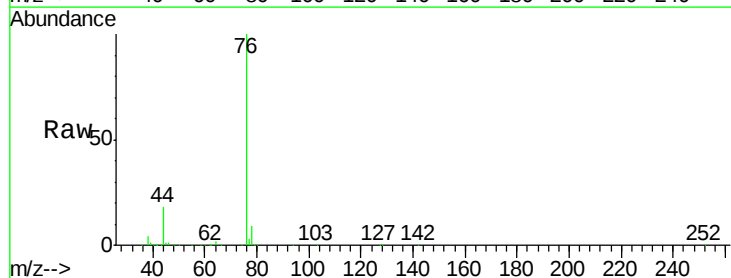
Acq: 22 Oct 2020 20:01

Tgt Ion: 76 Resp: 308123

Ion Ratio Lower Upper

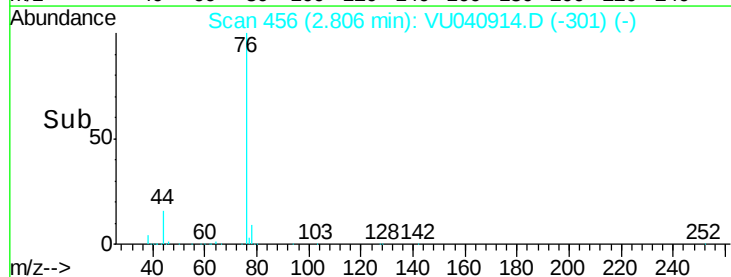
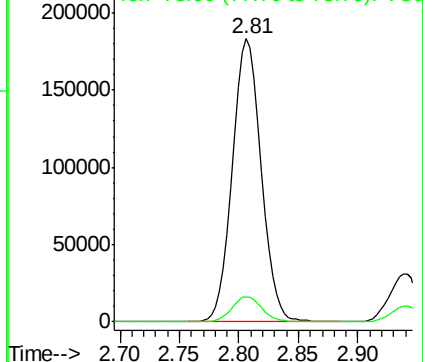
76 100

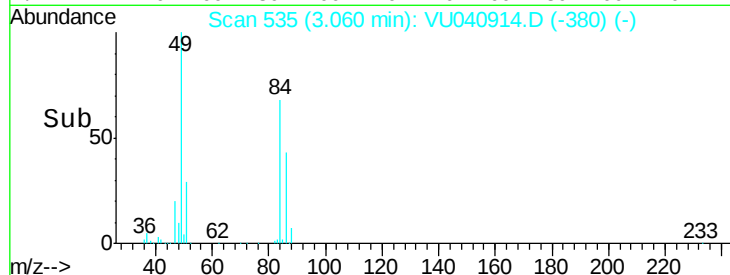
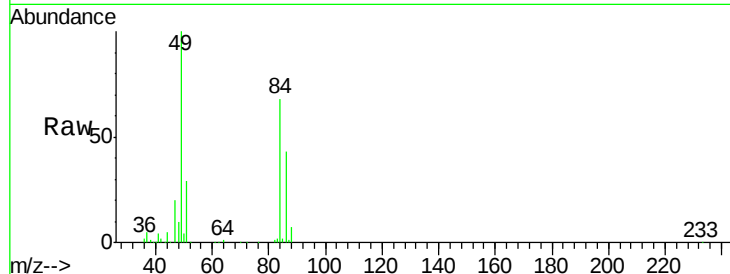
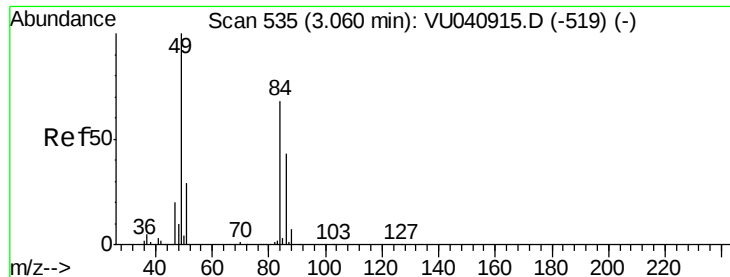
78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





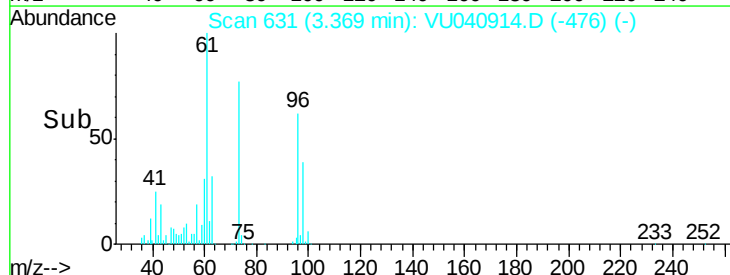
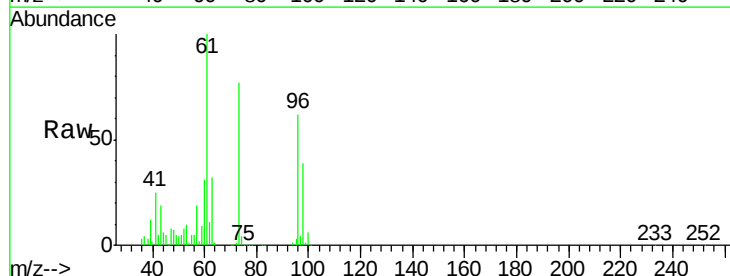
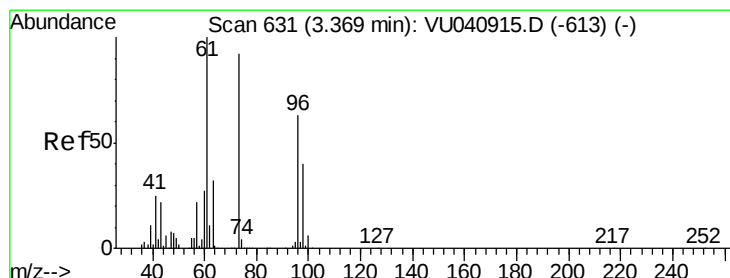
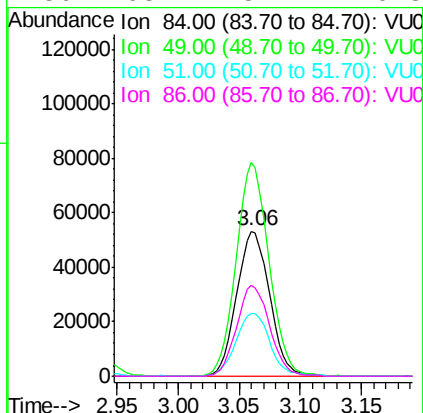
#15
Methvlene Chloride
Concen: 5.166 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tot Ion:	84	Resp:	99373
Ion	Ratio	Lower	Upper
84	100		
49	147.4	118.2	177.4
51	43.1	0.0	86.8
86	63.1	51.2	76.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

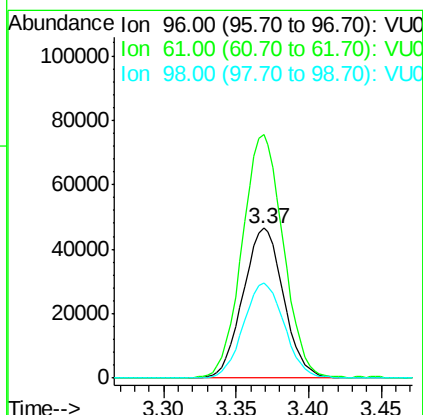
Manual Integrations
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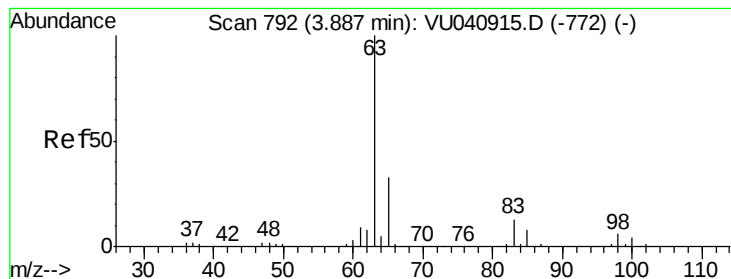
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 6.497 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion:	96	Resp:	90586
Ion	Ratio	Lower	Upper
96	100		
61	162.1	127.0	190.4
98	63.1	51.2	76.8





#17

1,1-Dichloroethane

Concen: 6.312 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

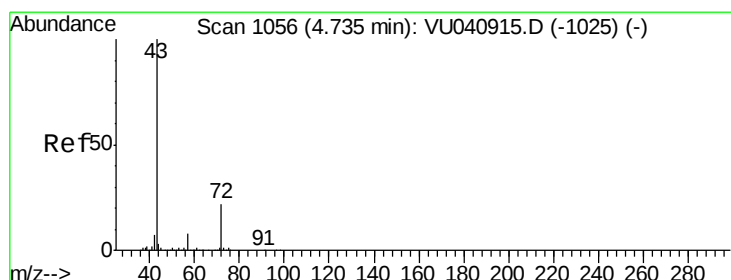
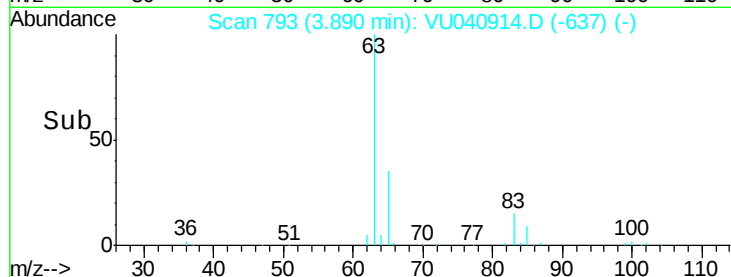
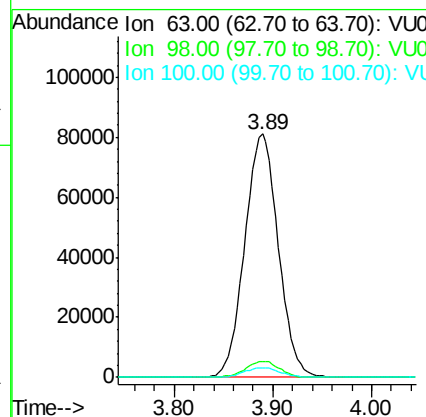
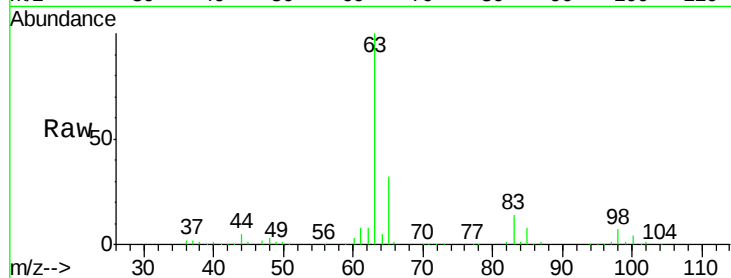
ClientSampleId :

VSTDIC005

Tot Ion	63	Resp	190737
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.0	9.2
100	3.9	1.8	5.5

Manual Integrations
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#18

2-Butanone

Concen: 32.072 ug/l

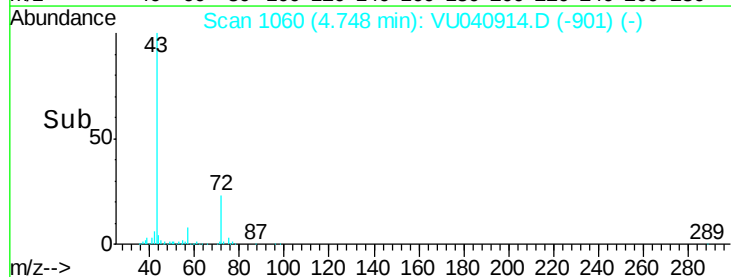
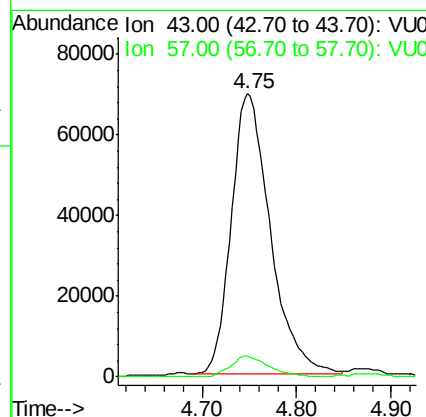
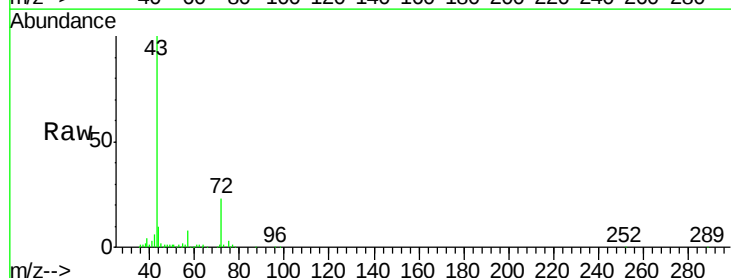
RT: 4.75 min Scan# 1060

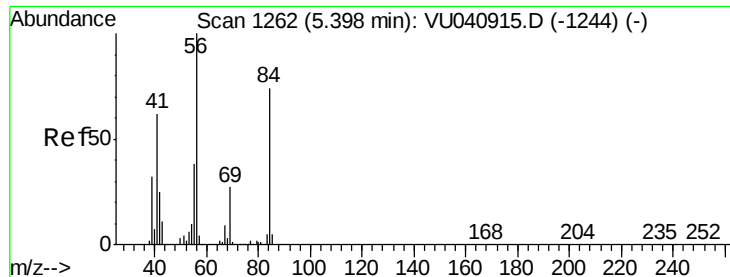
Delta R.T. 0.01 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Tgt Ion	43	Resp	199694
Ion Ratio	Lower	Upper	
43	100		
57	7.6	0.0	15.2





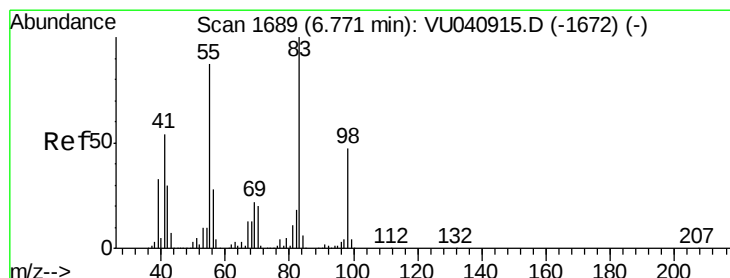
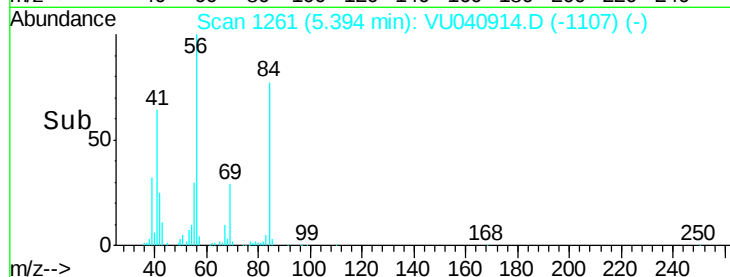
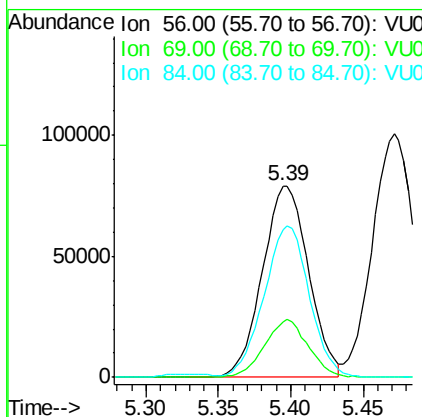
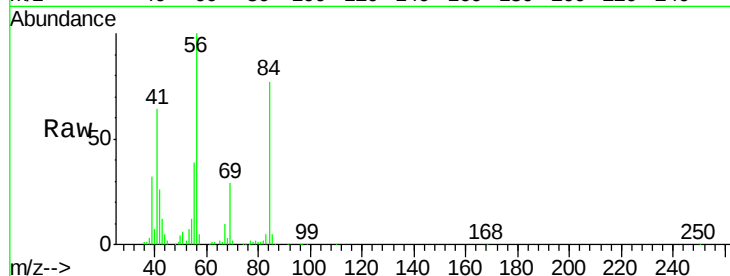
#19
Cyclohexane
Concen: 6.780 ug/l m
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	22.2	33.2
84	76.1	60.1	90.1

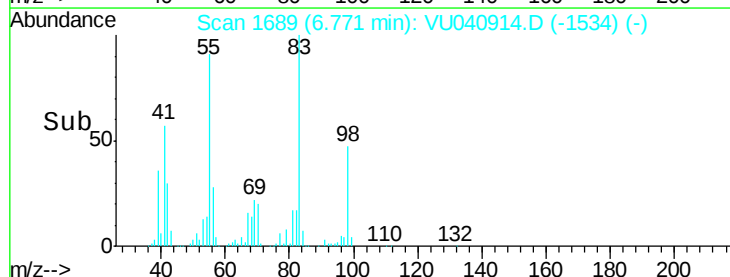
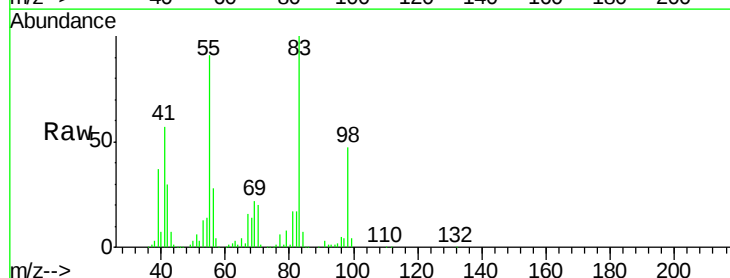
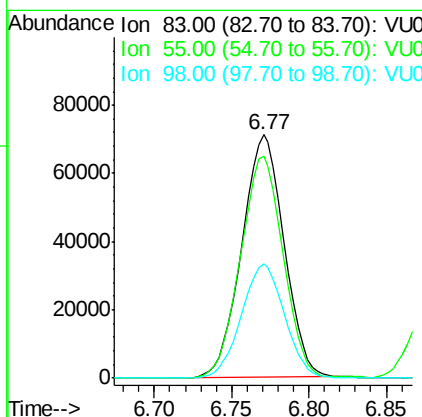
Manual Integrations
APPROVED

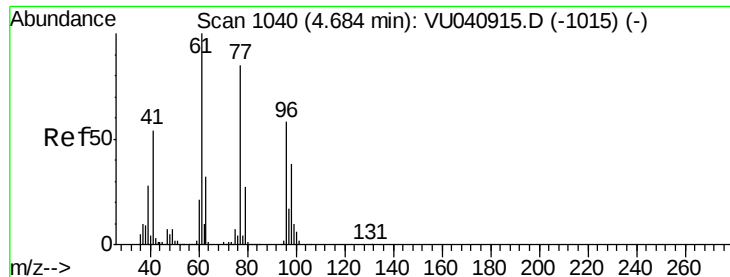
MMDadoda
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#20
Methylcyclohexane
Concen: 5.850 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	91.3	71.0	106.4
98	47.9	38.1	57.1





#21

2,2-Dichloropropane

Concen: 5.451 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 152907

Ion Ratio Lower Upper

77 100

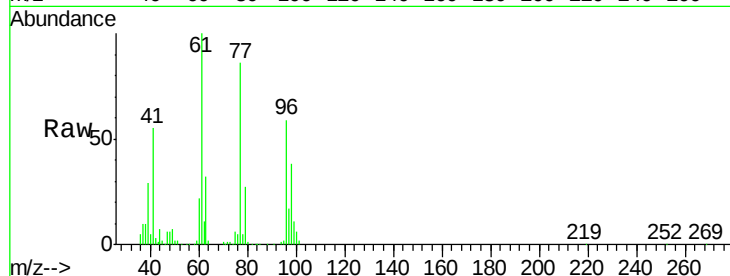
97 21.0 16.0 24.0

Manual Integrations

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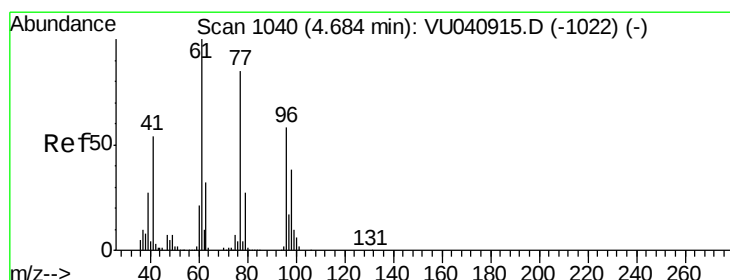
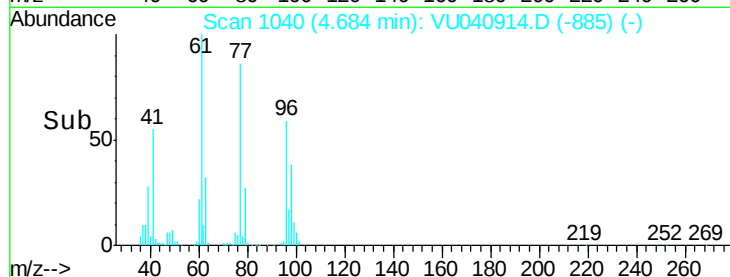
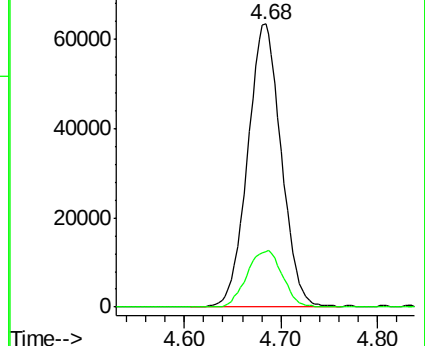
MMDadoda

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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 6.113 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

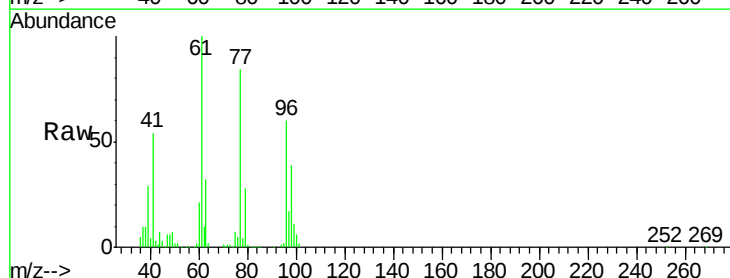
Tgt Ion: 96 Resp: 97261

Ion Ratio Lower Upper

96 100

61 170.6 0.0 434.5

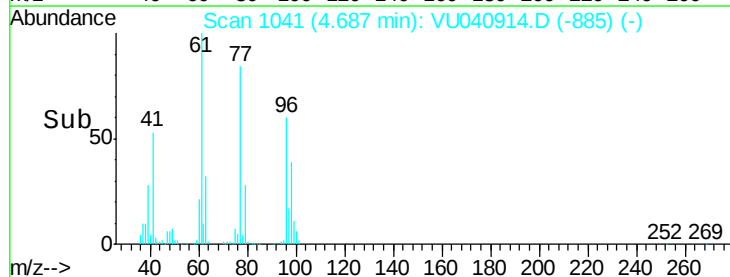
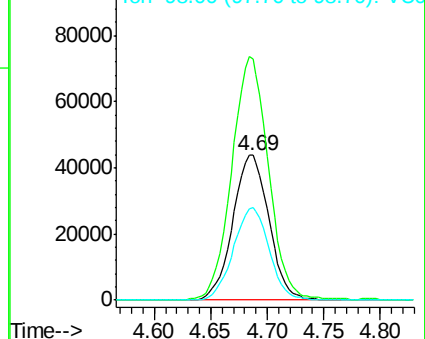
98 63.2 32.6 97.8

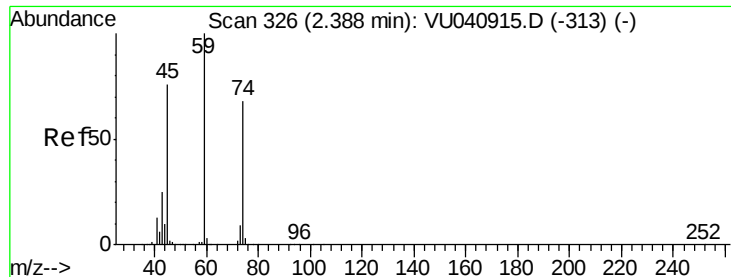


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





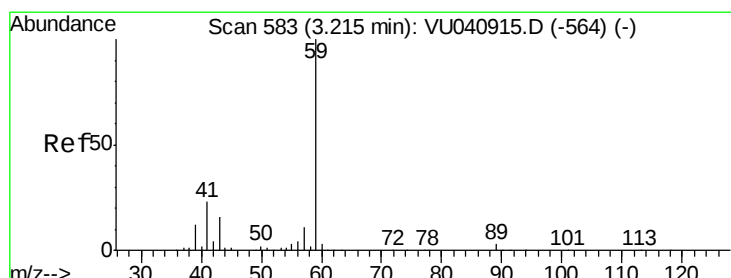
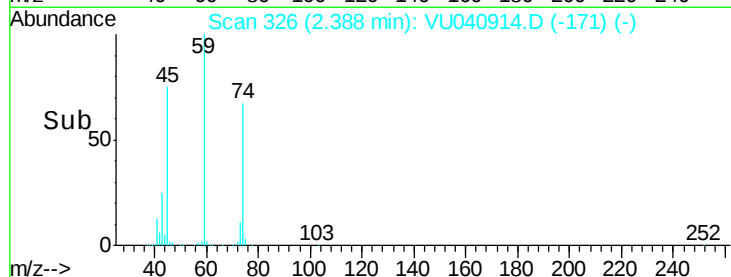
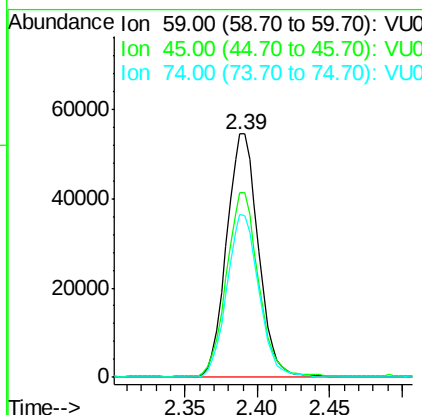
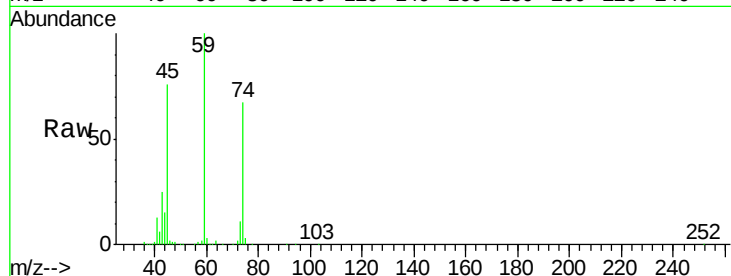
#23
Diethyl Ether
Concen: 6.742 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
45	75.6	61.4	92.2
74	67.2	55.0	82.4

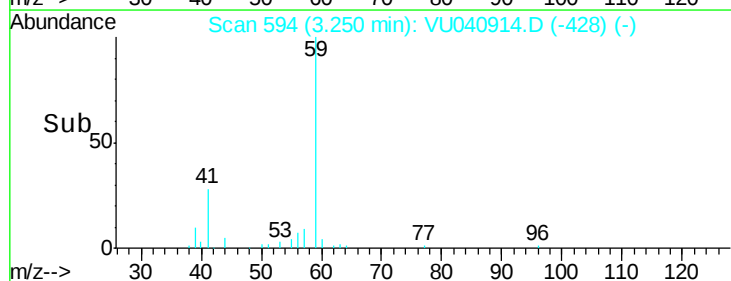
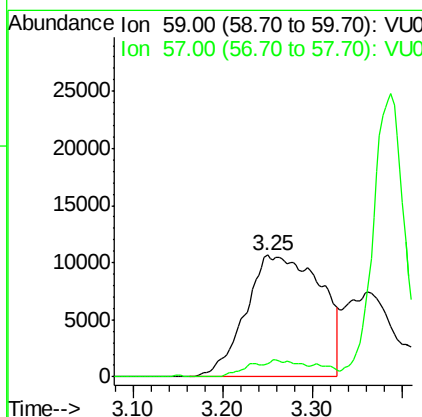
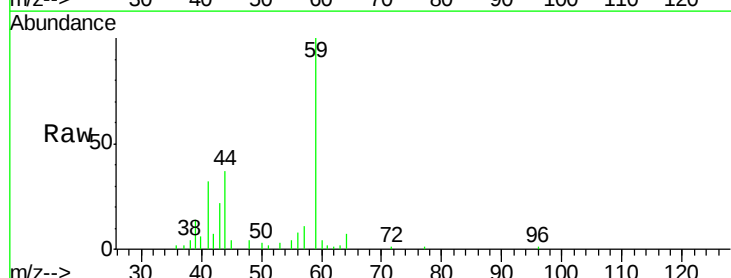
Manual Integrations
APPROVED

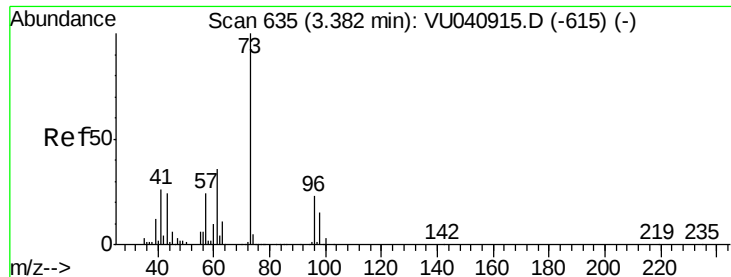
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 38.138 ug/l m
RT: 3.25 min Scan# 594
Delta R.T. 0.04 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	3.1	8.4	12.6#





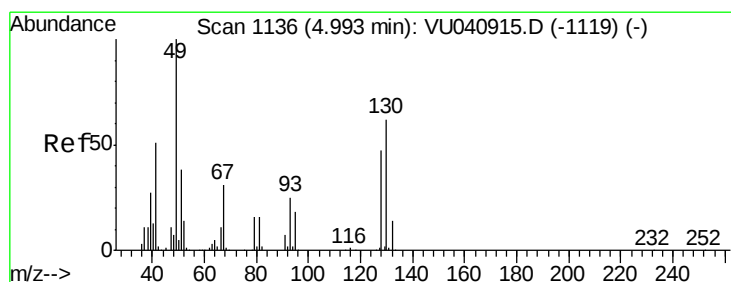
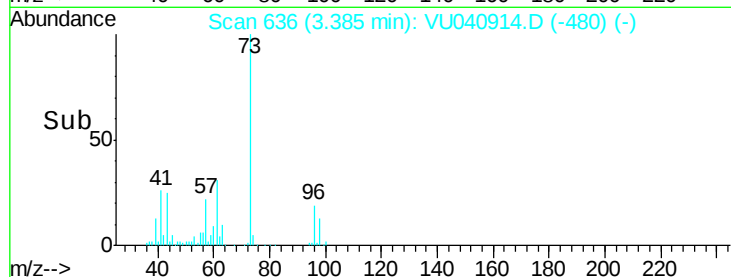
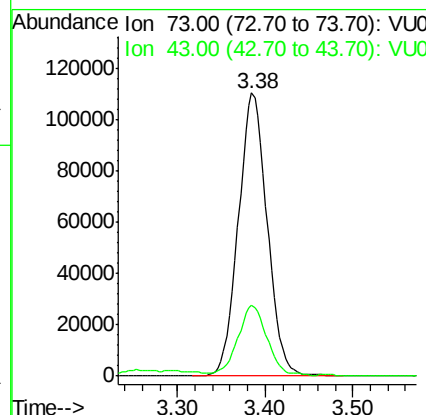
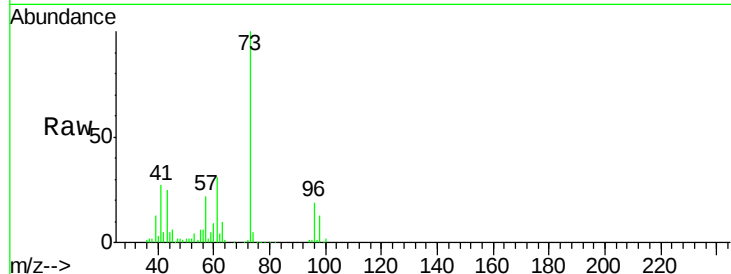
#25
Methvl tert-Butvl Ether
Concen: 6.020 ug/l
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 253202
Ion Ratio Lower Upper
73 100
43 24.7 19.0 28.6

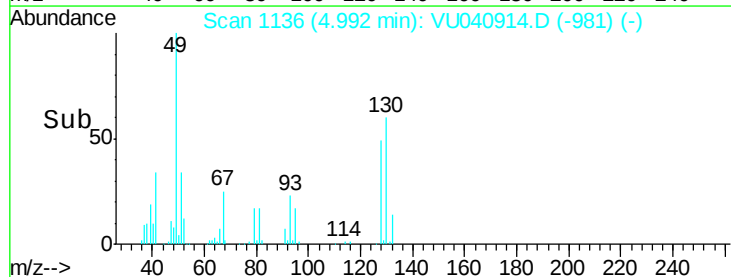
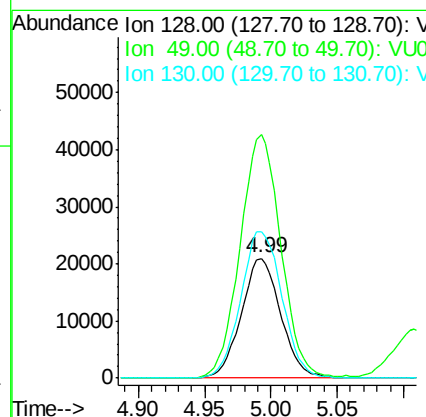
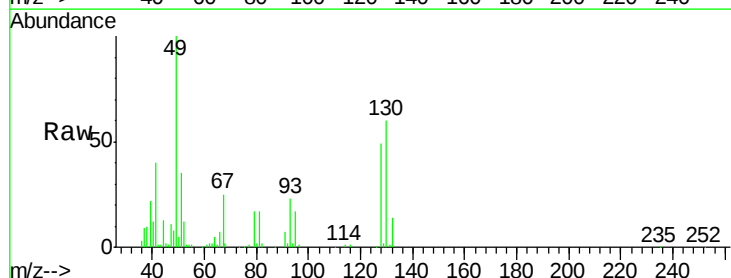
Manual Integrations
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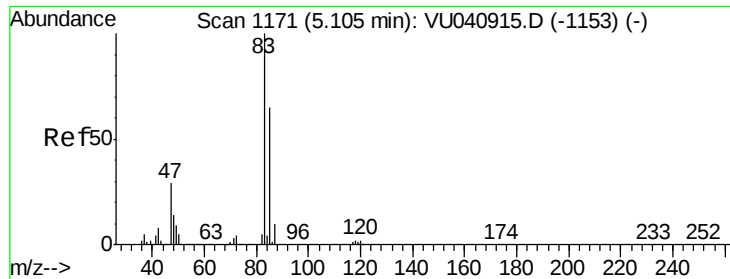
MMDadoda
10/26/2020 4:14:54 PM



#26
Bromochloromethane
Concen: 6.243 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion: 128 Resp: 43458
Ion Ratio Lower Upper
128 100
49 209.4 0.0 426.4
130 128.1 106.2 159.4





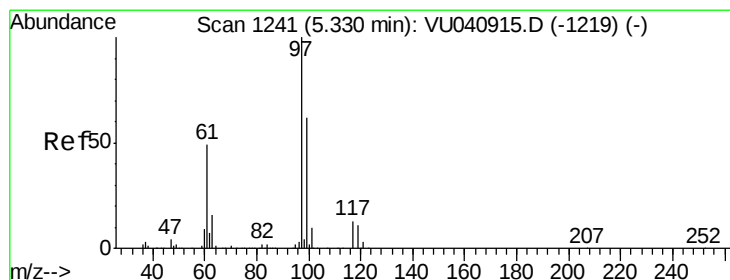
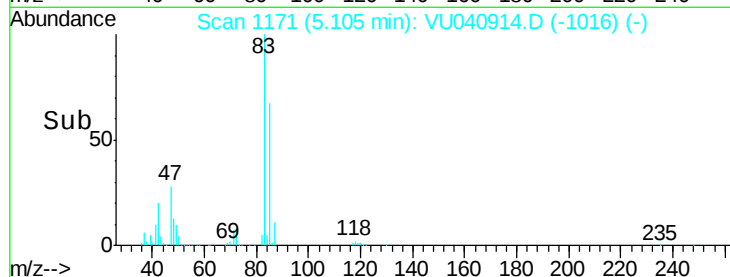
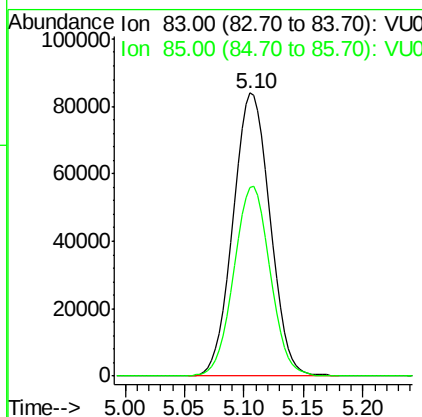
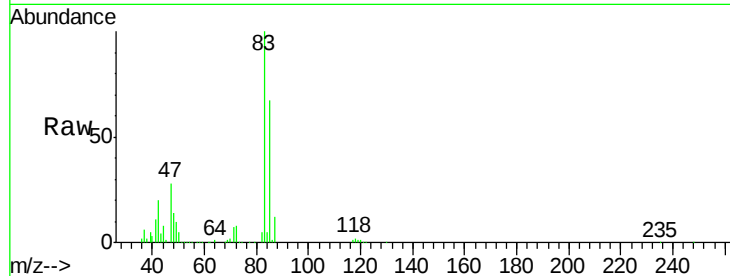
#27
Chloroform
Concen: 5.985 ug/l
RT: 5.10 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	181262
Ion Ratio	100	Lower	Upper
83	100		
85	66.6	0.0	129.0

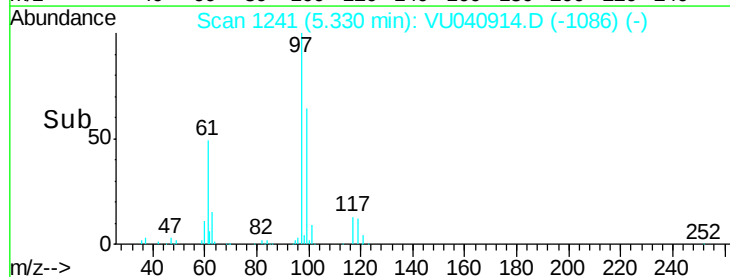
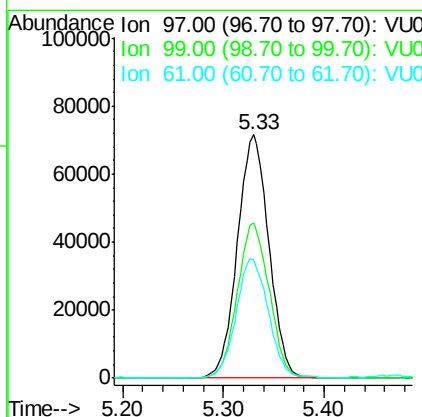
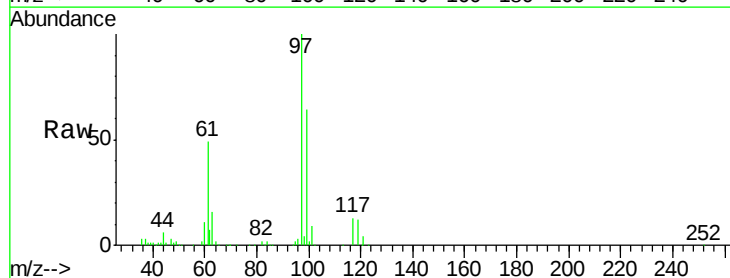
Manual Integrations
APPROVED

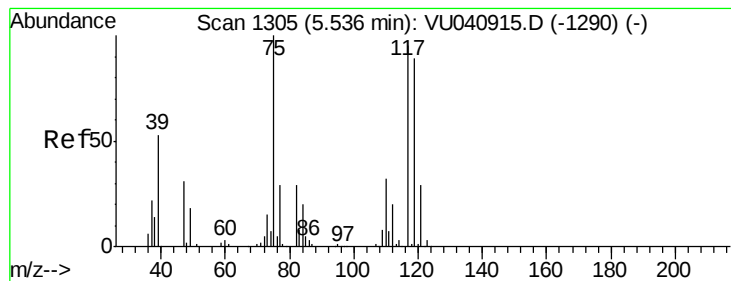
MMDadoda
10/26/2020 4:14:54 PM



#28
1,1,1-Trichloroethane
Concen: 5.909 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	97	Resp	154794
Ion Ratio	100	Lower	Upper
97	100		
99	64.3	31.4	94.3
61	49.6	24.7	74.1





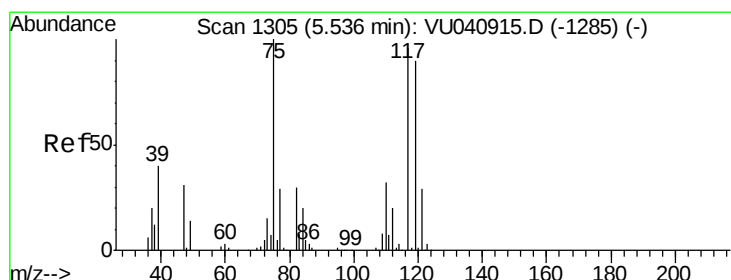
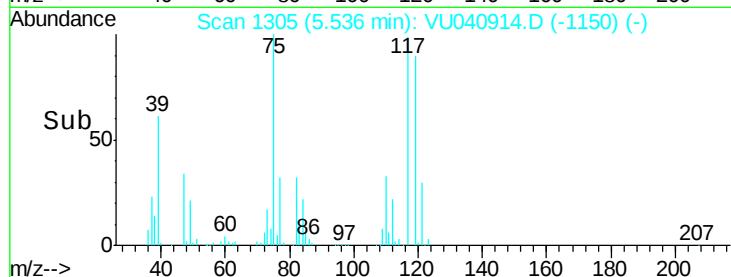
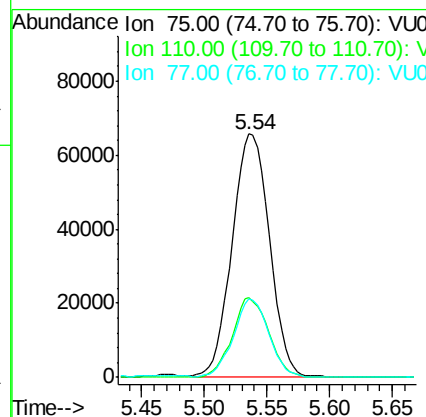
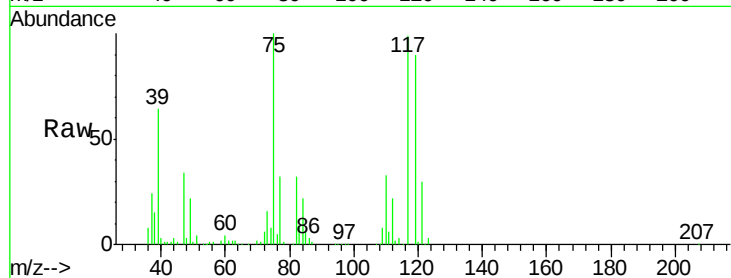
#29
 1,1-Dichloropropene
 Concen: 6.080 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.7	15.9	47.6
77	30.6	24.2	36.2

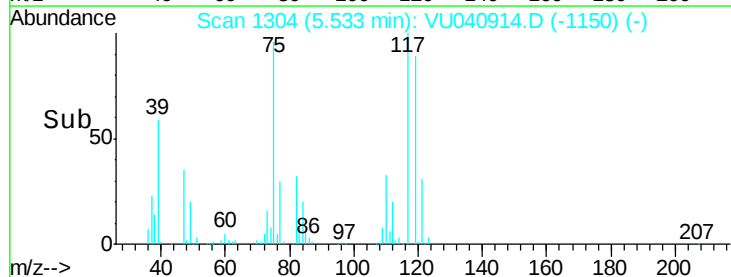
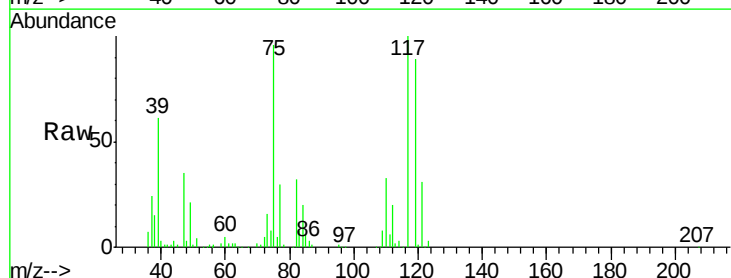
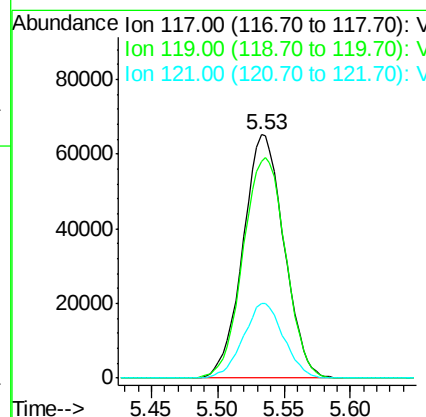
Manual Integrations
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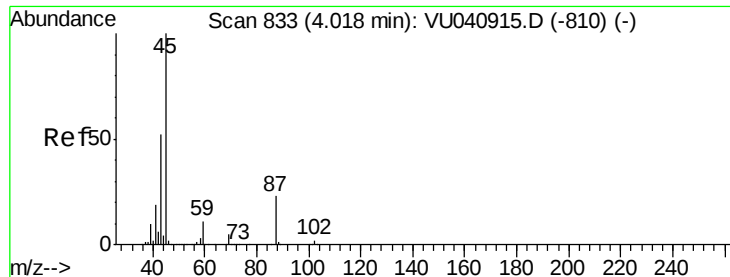
MMDadoda
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#30
 Carbon Tetrachloride
 Concen: 5.916 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.0	74.9	112.3
121	30.7	24.1	36.1





#31

Isopropyl Ether

Concen: 5.725 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 45 Resp: 291165

Ion Ratio Lower Upper

45 100

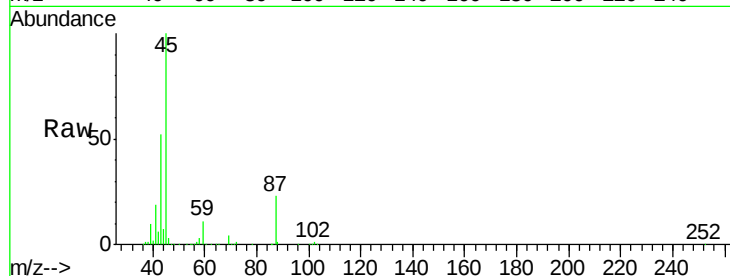
43 52.9 26.8 80.3

Manual Integrations

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Abundance Ion 45.00 (44.70 to 45.70): VU040914.D (-810) (-)

Ion 43.00 (42.70 to 43.70): VU040914.D (-810) (-)

120000

100000

80000

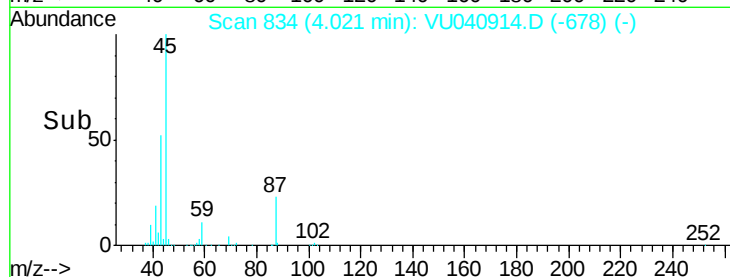
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 5.567 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040914.D

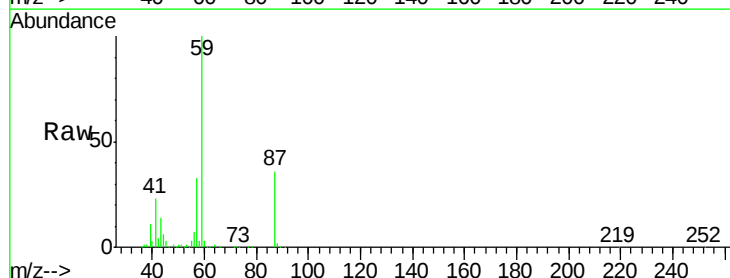
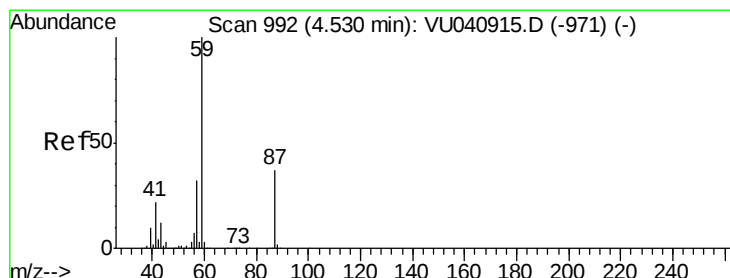
Acq: 22 Oct 2020 20:01

Tgt Ion: 59 Resp: 254972

Ion Ratio Lower Upper

59 100

87 37.2 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040914.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040914.D (-837) (-)

120000

100000

80000

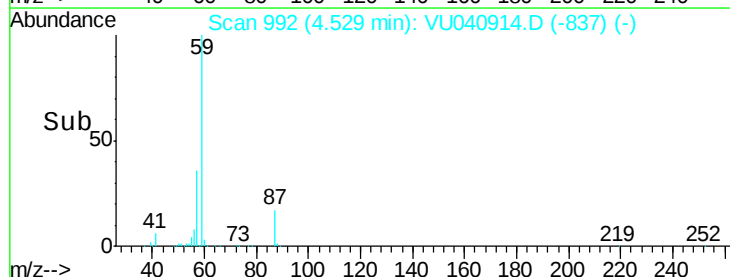
60000

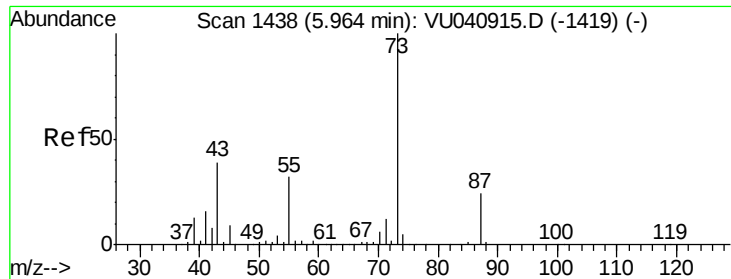
40000

20000

0

Time-->





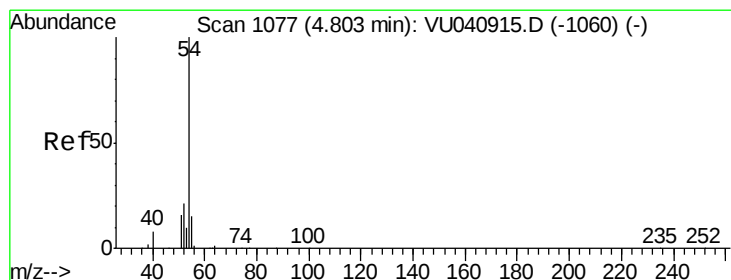
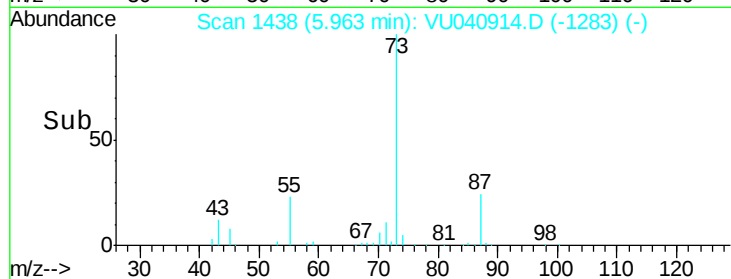
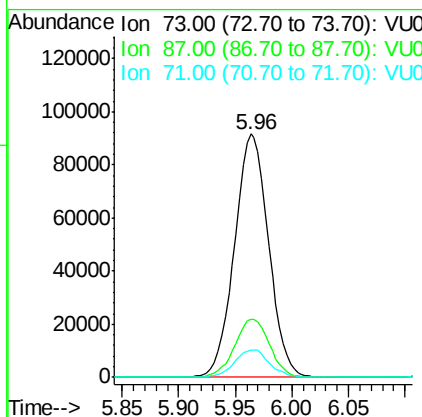
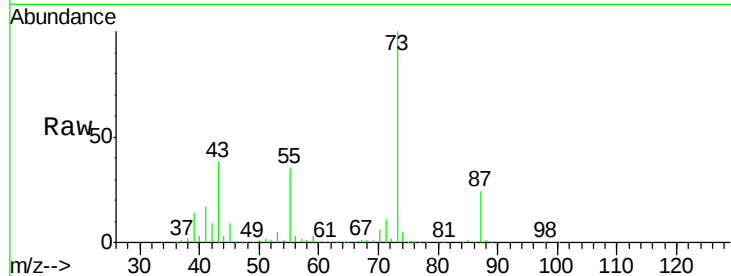
#33
Tert-Butyl methyl ether
Concen: 4.851 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.0	28.4
71	11.5	9.7	14.5

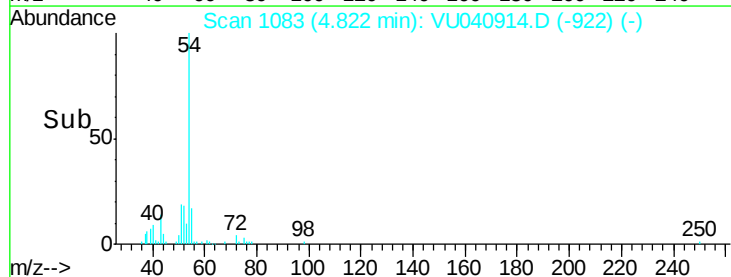
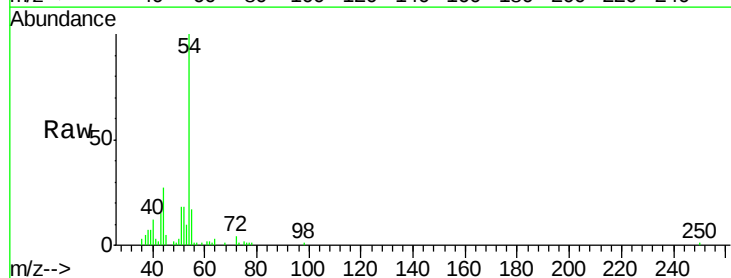
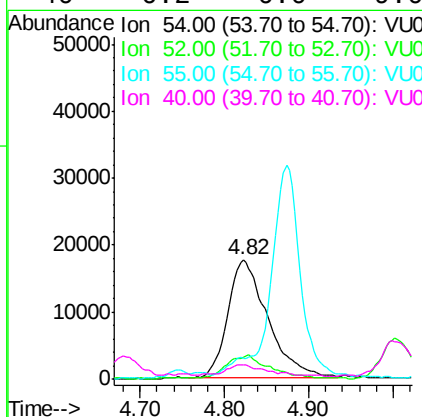
Manual Integrations
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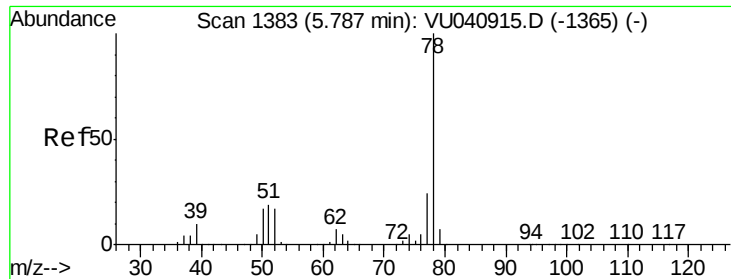
MMDadoda
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#34
Propionitrile
Concen: 36.523 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.3	15.5	23.3
55	6.2	12.5	18.7
40	6.2	6.0	9.0





#35

Benzene

Concen: 6.047 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 78 Resp: 376570

Ion Ratio Lower Upper

78 100

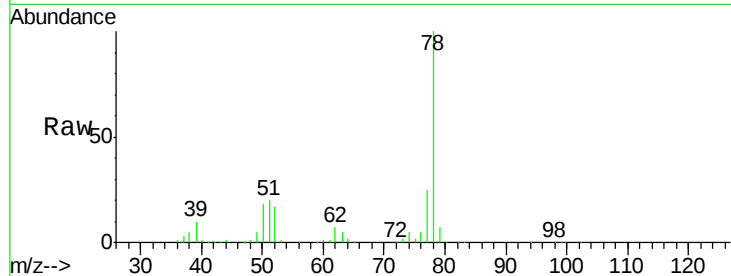
77 25.3 19.4 29.2

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU040914.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU040914.D (-1228) (-)

200000

150000

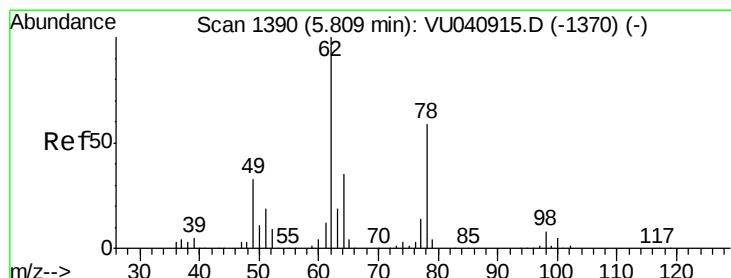
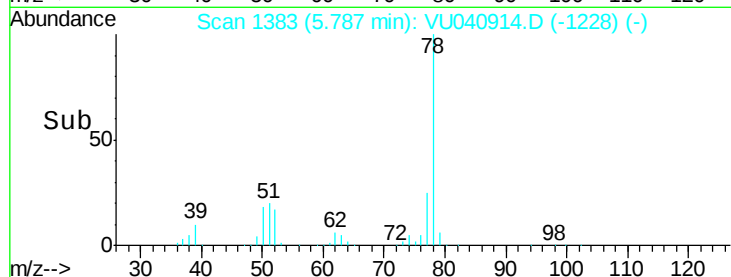
100000

50000

0

5.70 5.75 5.80 5.85

Time-->



#36

1,2-Dichloroethane

Concen: 5.894 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040914.D

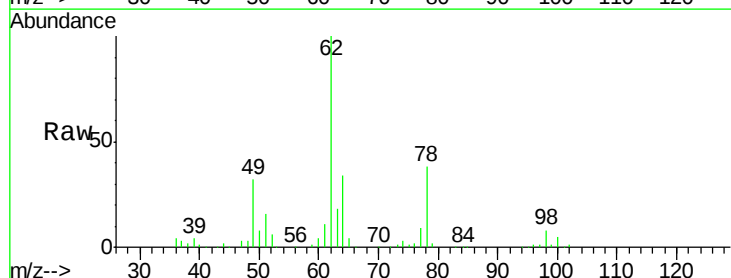
Acq: 22 Oct 2020 20:01

Tgt Ion: 62 Resp: 140823

Ion Ratio Lower Upper

62 100

98 8.7 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040914.D (-1235) (-)

Ion 98.00 (97.70 to 98.70): VU040914.D (-1235) (-)

80000

60000

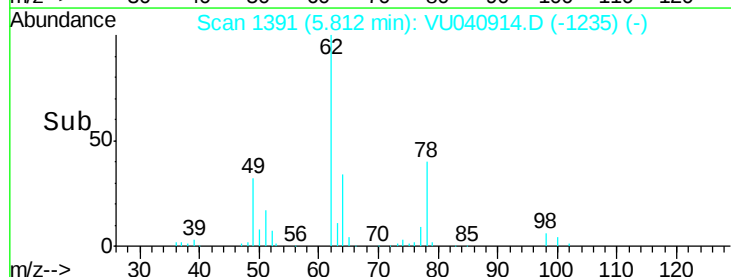
40000

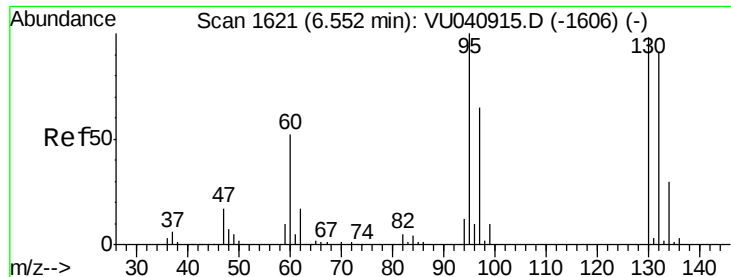
20000

0

5.70 5.75 5.80 5.85 5.90

Time-->





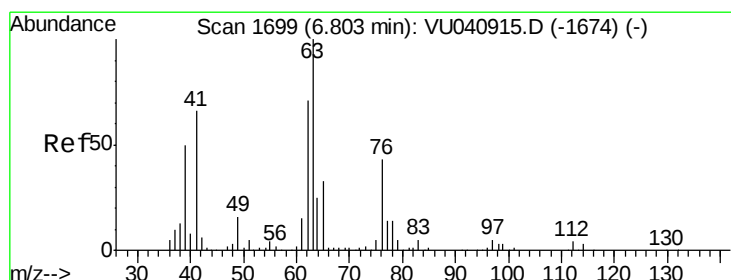
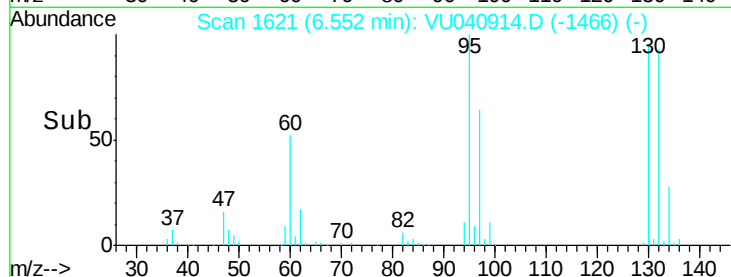
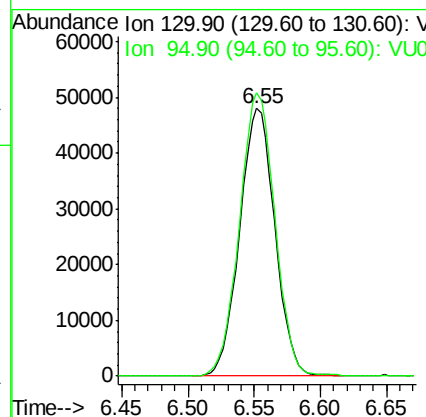
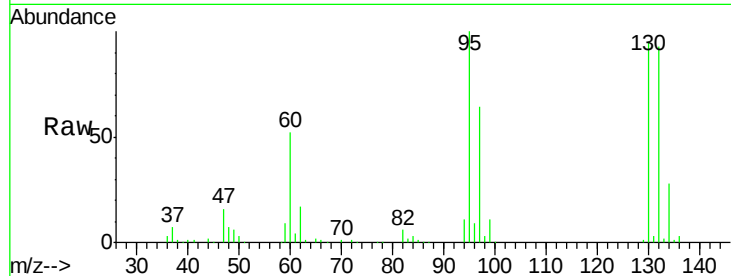
#37
 Trichloroethene
 Concen: 5.671 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 88503
 Ion Ratio Lower Upper
 130 100
 95 105.8 81.9 122.9

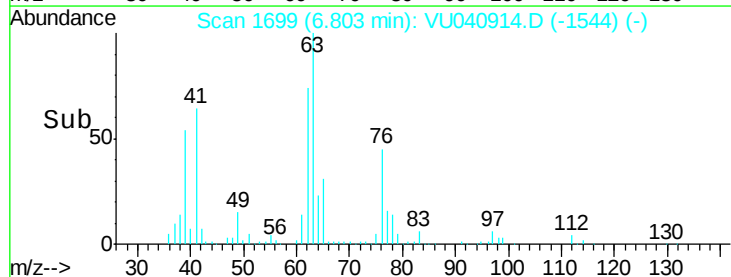
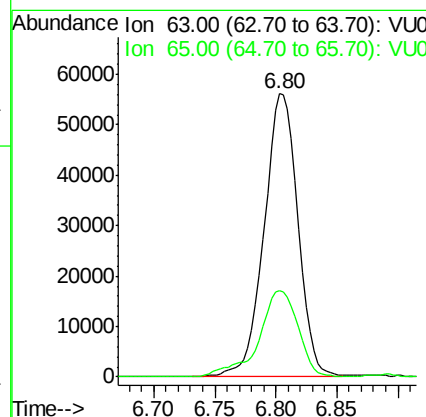
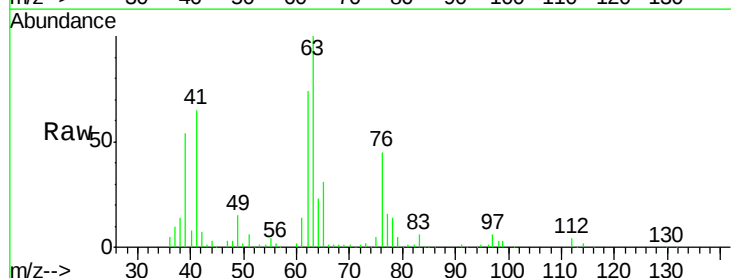
Manual Integrations
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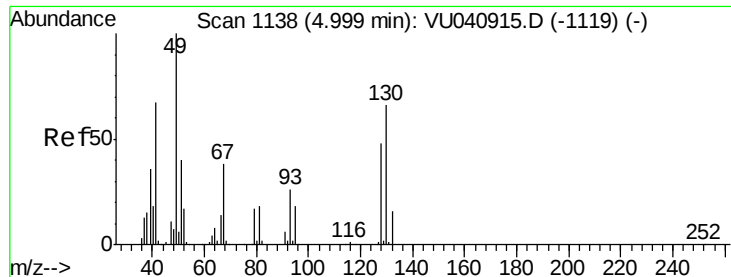
MMDadoda
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#38
 1,2-Dichloropropane
 Concen: 6.032 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion: 63 Resp: 108499
 Ion Ratio Lower Upper
 63 100
 65 30.7 26.2 39.2





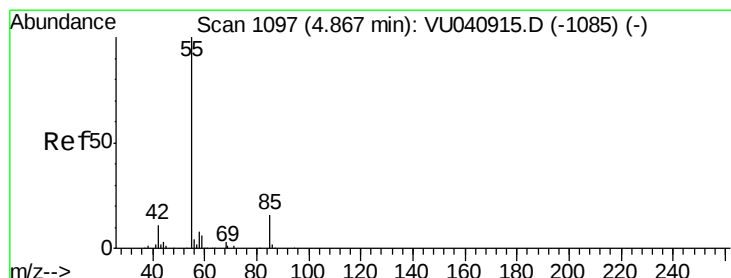
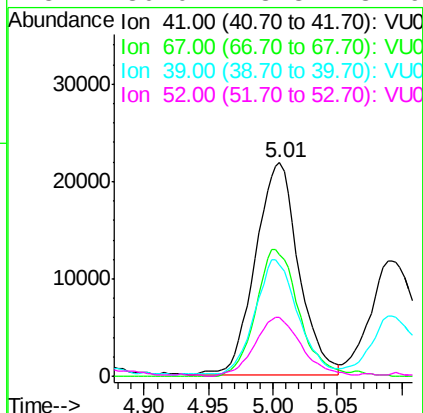
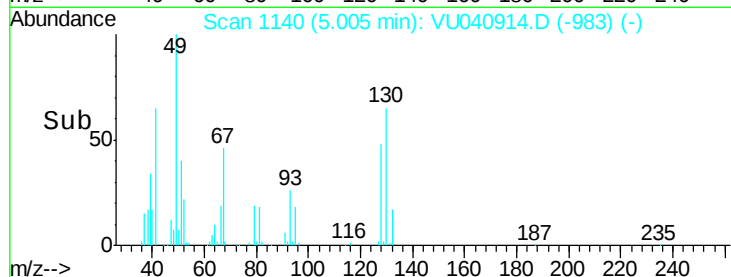
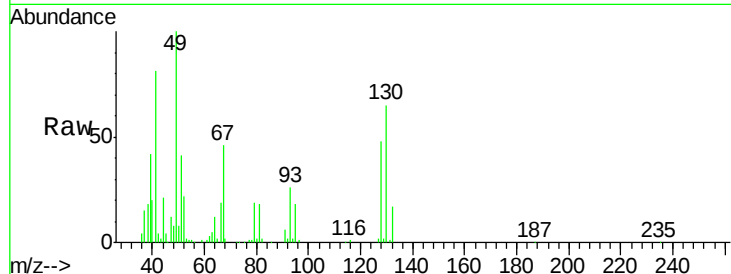
#39
Methacrylonitrile
Concen: 6.038 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	41	Resp	50806
Ion	Ratio	Lower	Upper
41	100		
67	59.3	48.7	73.1
39	53.2	44.6	67.0
52	30.0	23.3	34.9

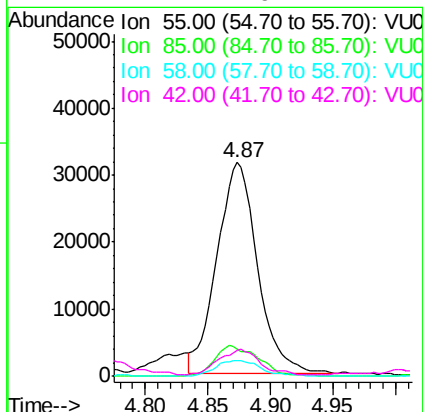
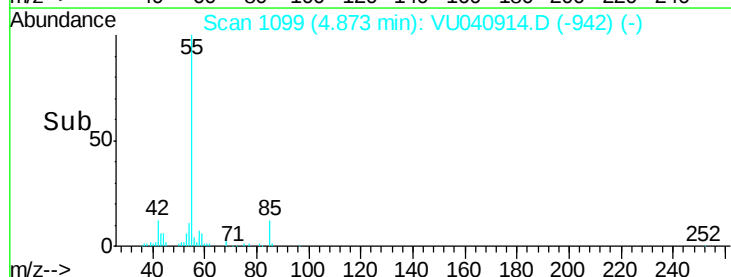
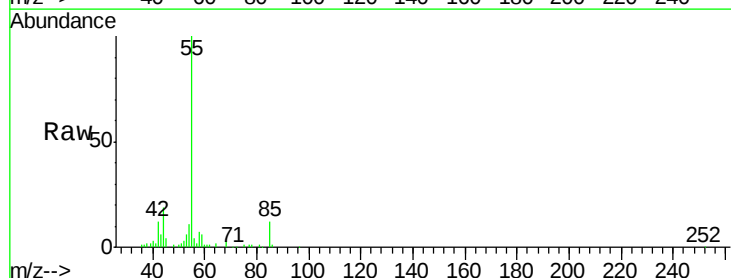
Manual Integrations
APPROVED

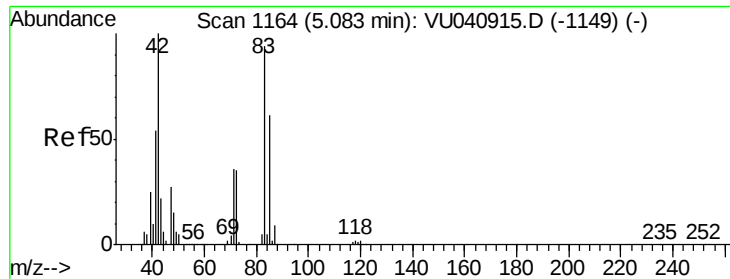
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#40
Methyl acrylate
Concen: 6.460 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	55	Resp	70239
Ion	Ratio	Lower	Upper
55	100		
85	15.4	12.2	18.2
58	8.2	6.8	10.2
42	12.7	9.4	14.2





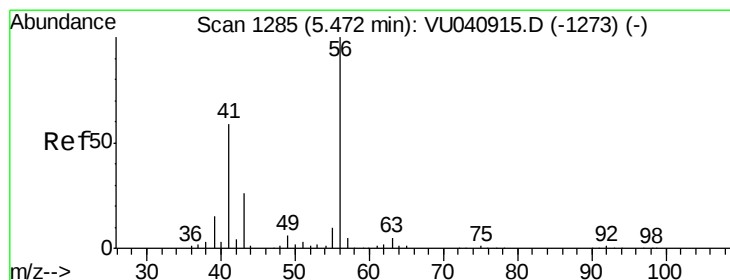
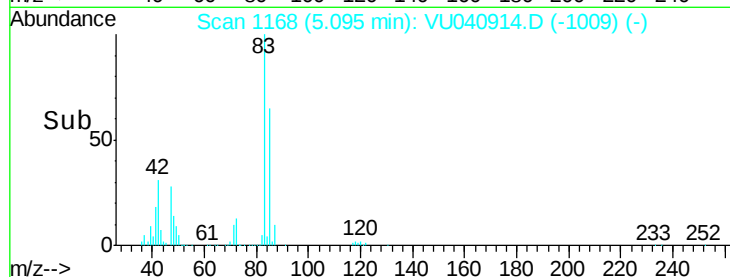
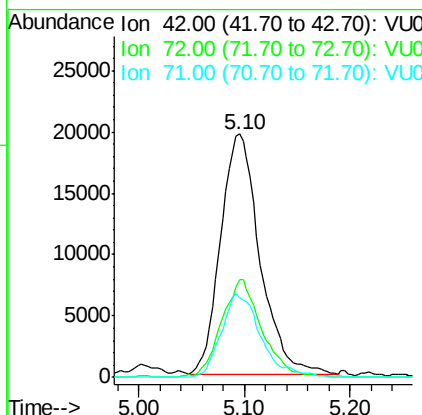
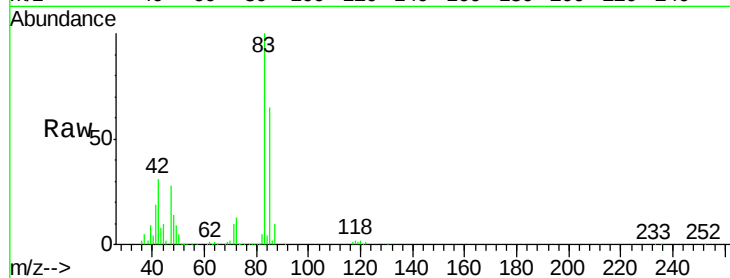
#41
Tetrahydrofuran
Concen: 12.392 ug/l
RT: 5.10 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	30.1	45.1
71	34.4	27.9	41.9

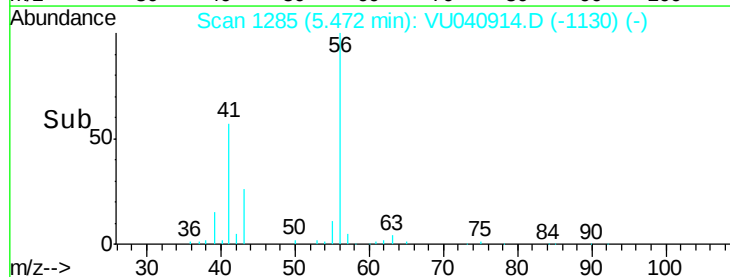
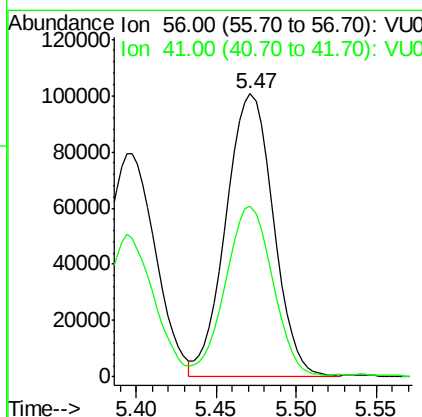
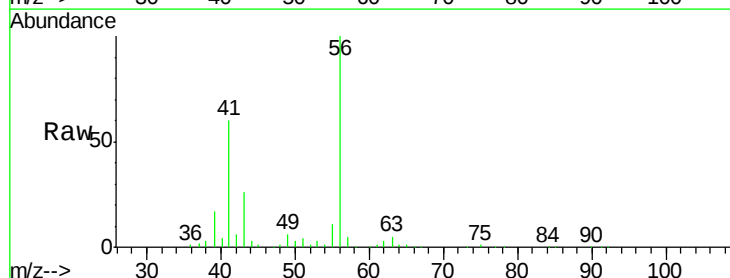
Manual Integrations
APPROVED

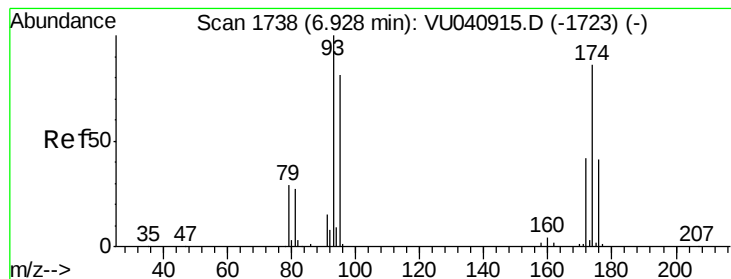
MMDadoda
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#42
1-Chlorobutane
Concen: 6.084 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
56	100		
41	59.3	29.6	88.8





#43

Dibromomethane

Concen: 5.868 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

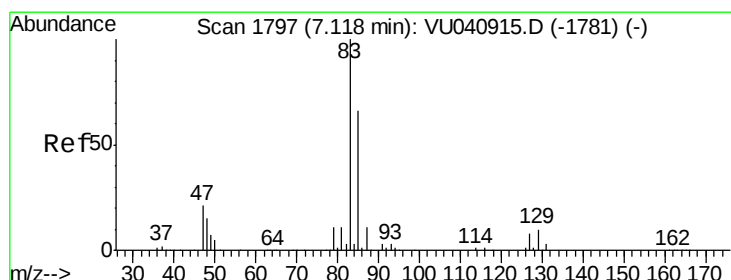
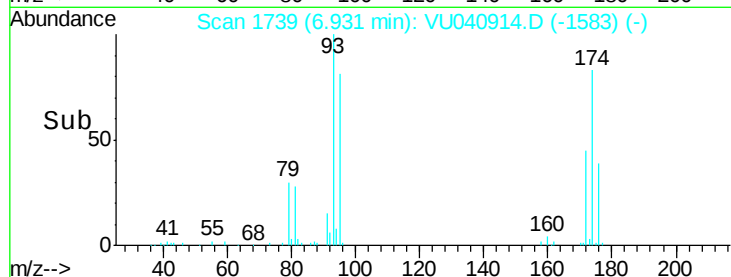
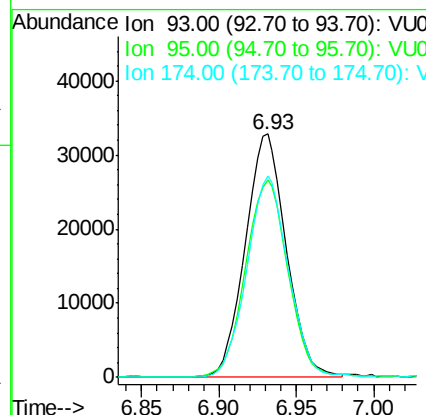
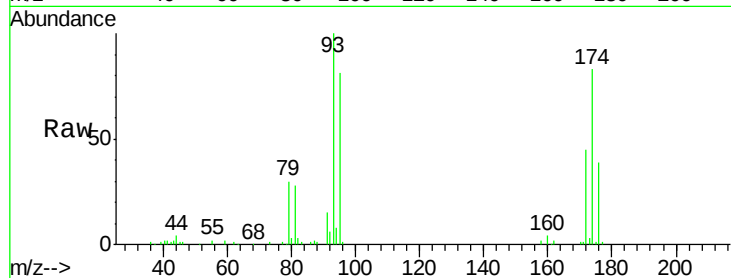
ClientSampleId :

VSTDIC005

Tot Ion:	93	Resp:	60546
Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.3	99.5
174	83.9	70.4	105.6

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#44

Bromodichloromethane

Concen: 5.793 ug/l

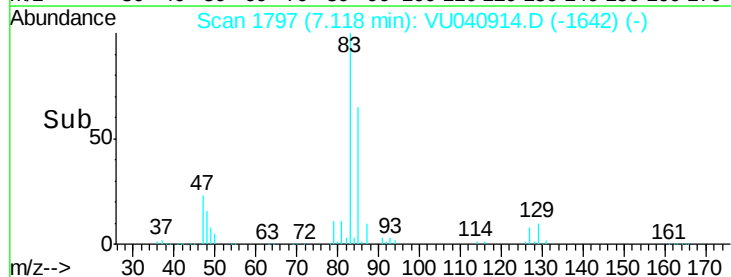
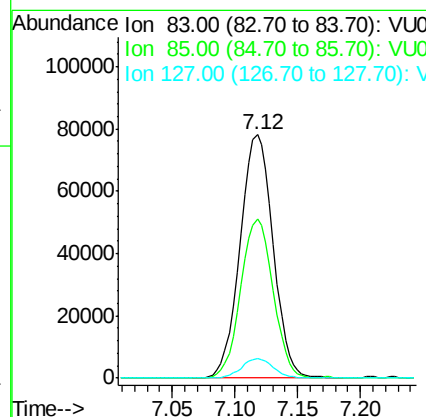
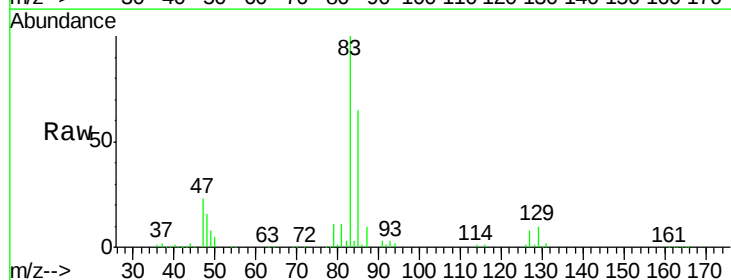
RT: 7.12 min Scan# 1797

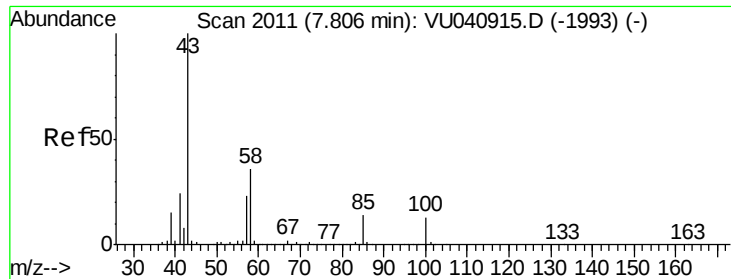
Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Tgt Ion:	83	Resp:	143150
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	78.8
127	7.9	6.4	9.6





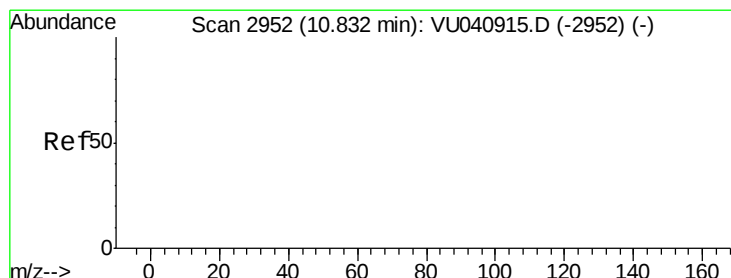
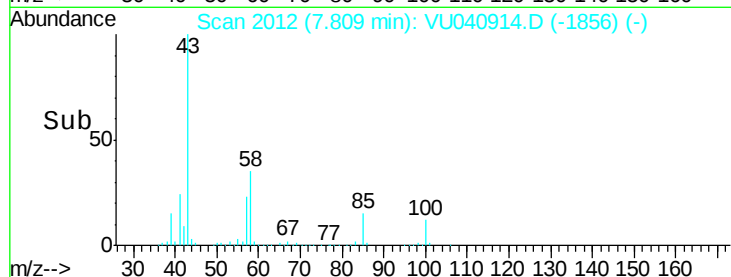
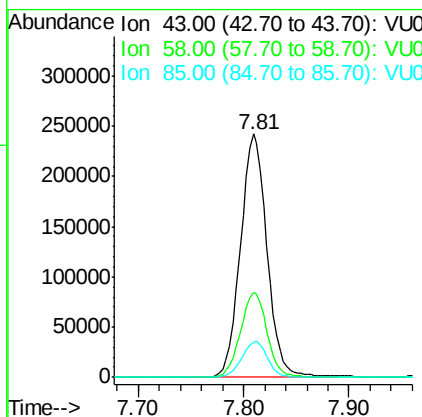
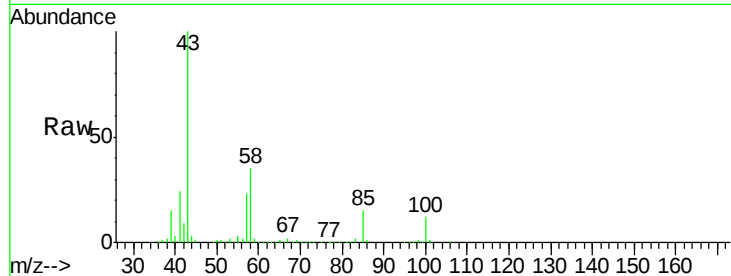
#45
4-Methyl-2-Pentanone
Concen: 29.831 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.1	17.8	53.5
85	14.5	11.4	17.2

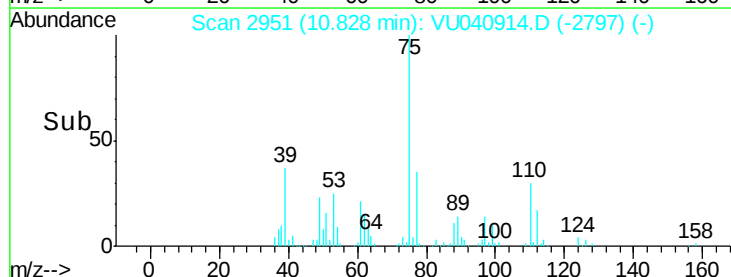
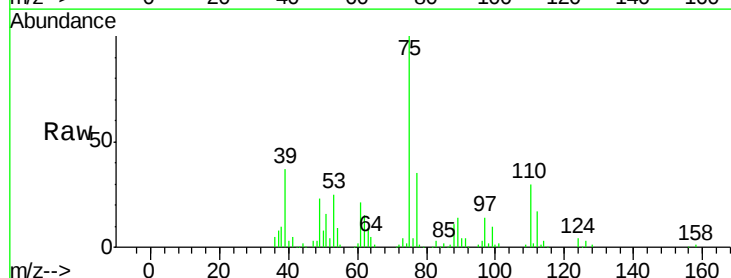
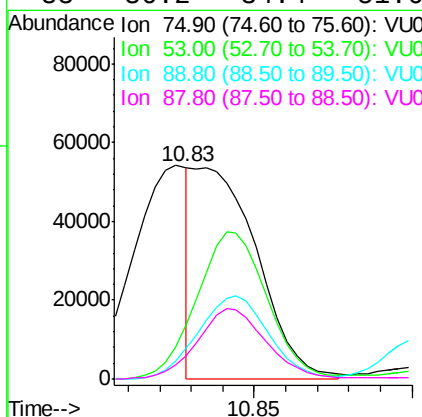
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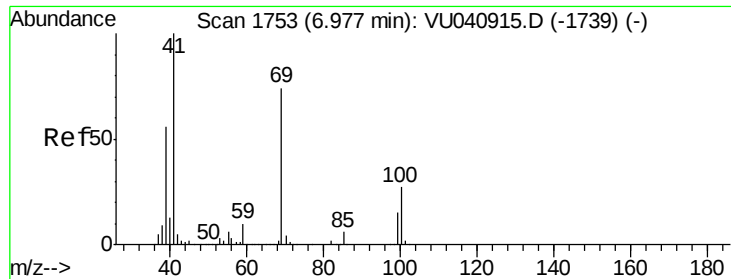
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#46
t-1,4-Dichloro-2-butene
Concen: 14.130 ug/l m
RT: 10.83 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	77.5	73.0	109.4
89	43.6	41.7	62.5
88	36.2	34.4	51.6





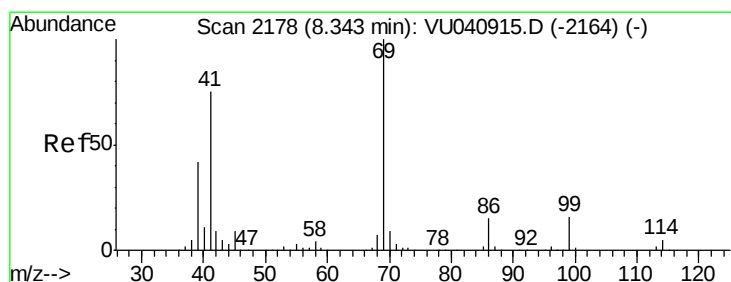
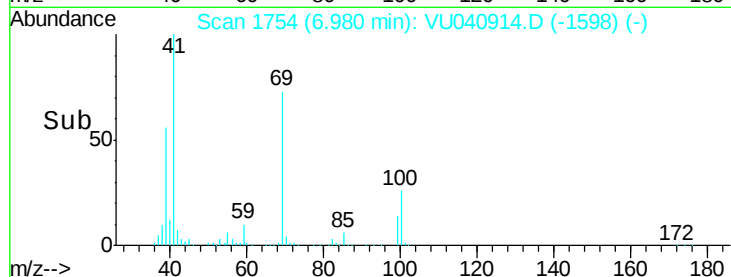
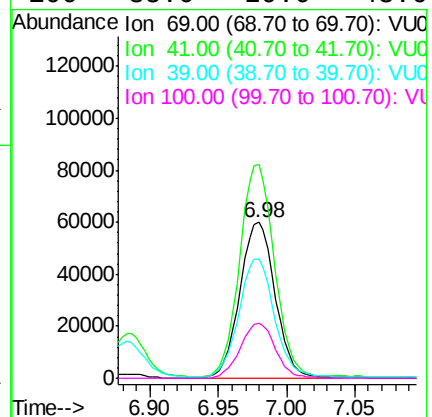
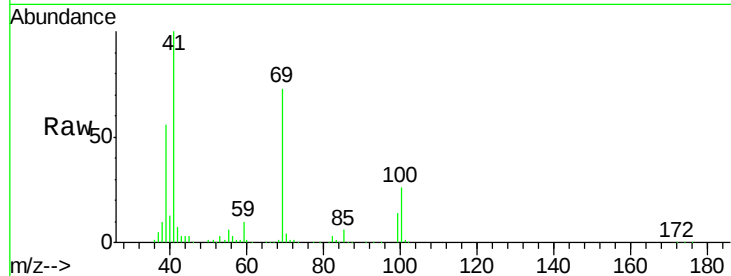
#47
Methyl methacrylate
Concen: 12.147 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	132.4	0.0	270.2		
39	76.2	61.6	92.4		
100	35.0	29.0	43.6		

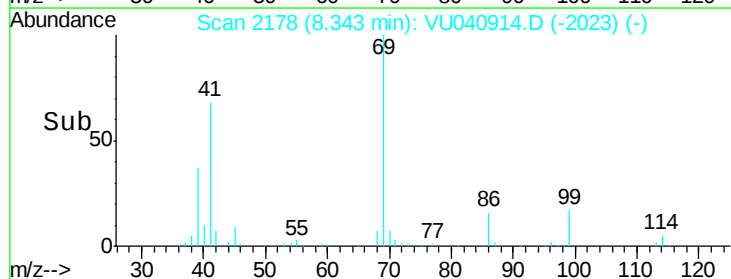
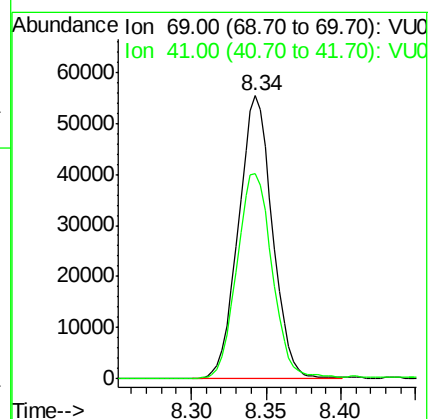
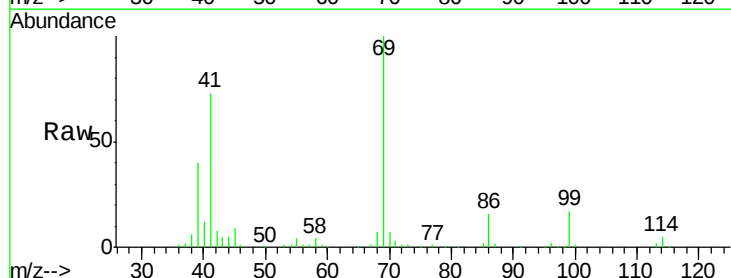
Manual Integrations
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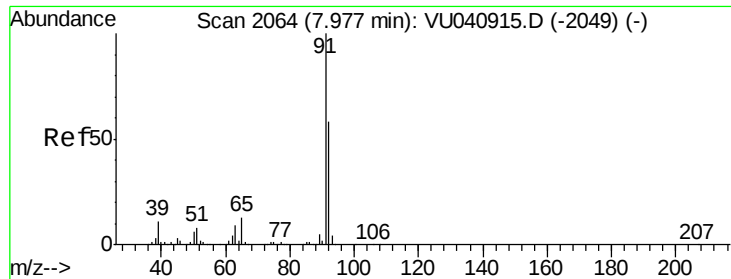
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#48
Ethyl methacrylate
Concen: 5.485 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	75.8	37.6	112.9		





#49

Toluene

Concen: 5.935 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 92 Resp: 223074

Ion Ratio Lower Upper

92 100

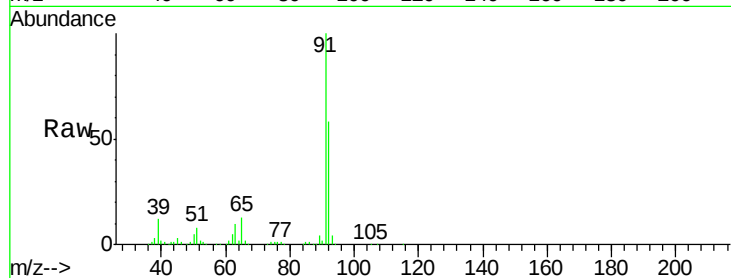
91 172.7 136.8 205.2

Manual Integrations

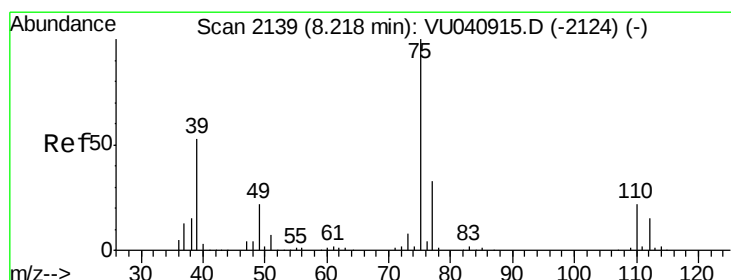
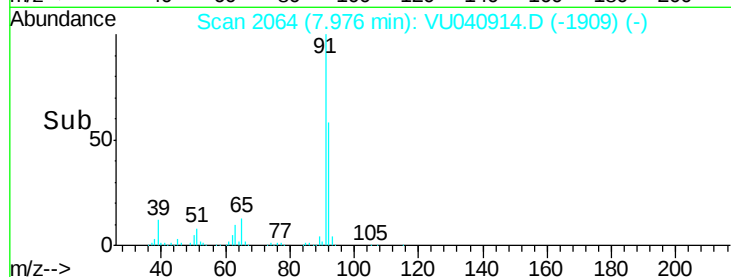
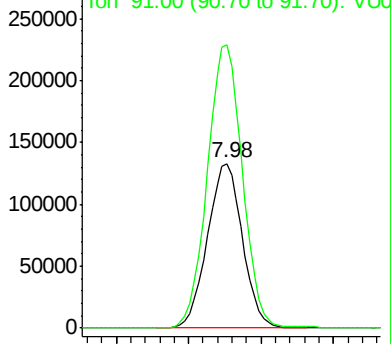
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Abundance Ion 92.00 (91.70 to 92.70): VU040914.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 5.638 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040914.D

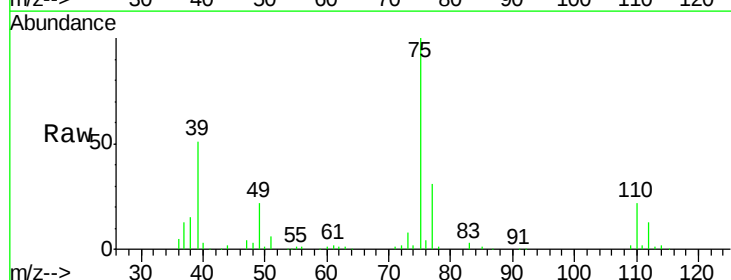
Acq: 22 Oct 2020 20:01

Tgt Ion: 75 Resp: 124729

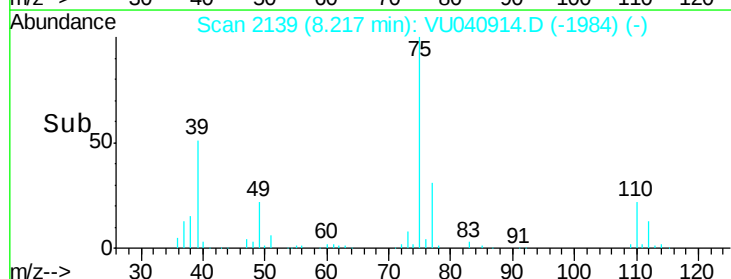
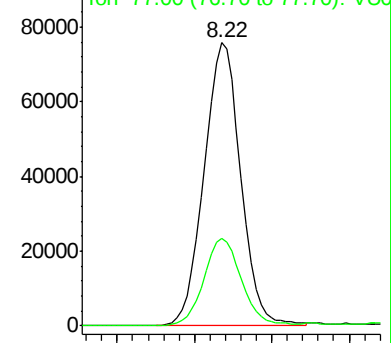
Ion Ratio Lower Upper

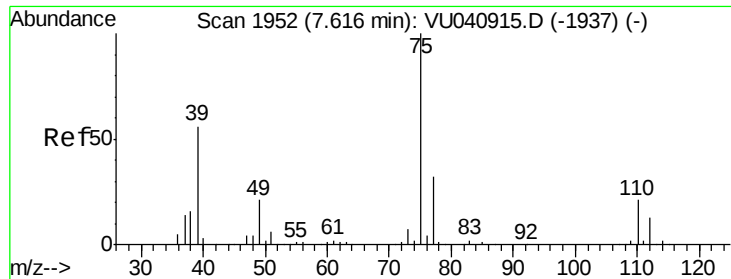
75 100

77 30.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU040914.D (-1984) (-)





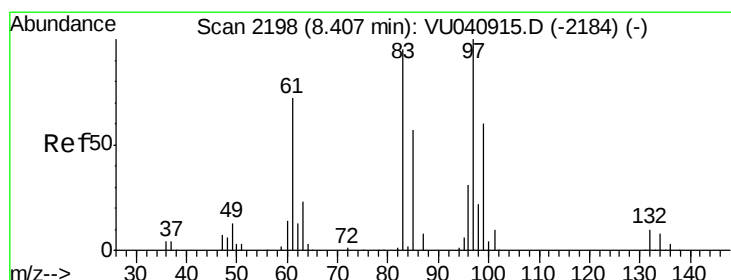
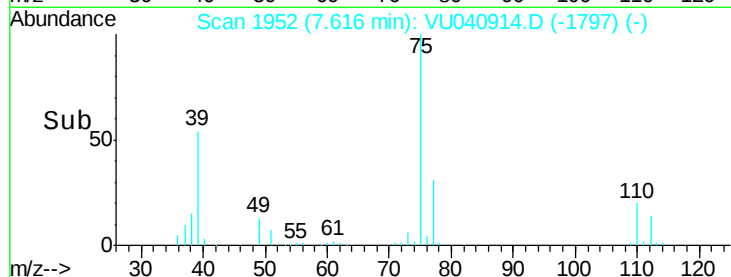
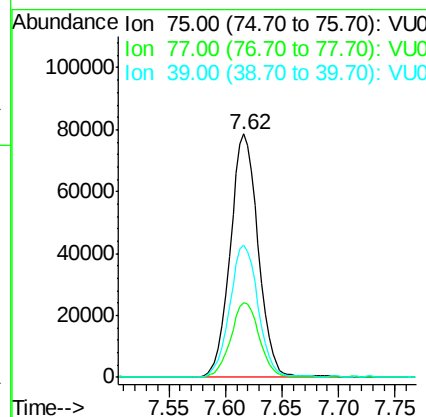
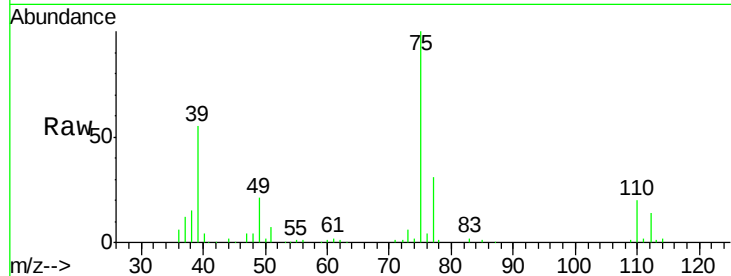
#51
 cis-1,3-Dichloropropene
 Concen: 5.504 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0
39	54.5	44.7	67.1

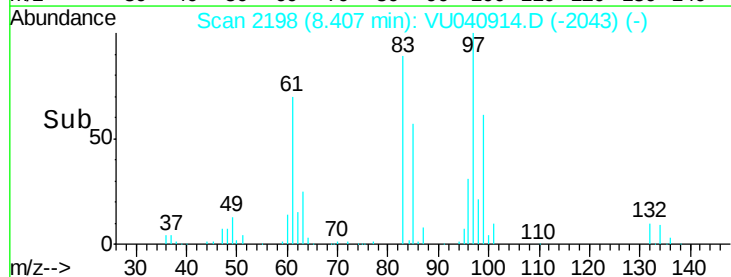
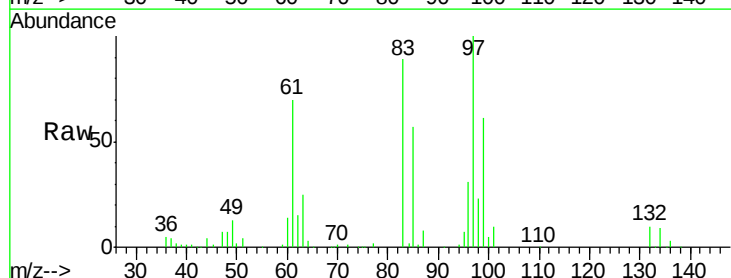
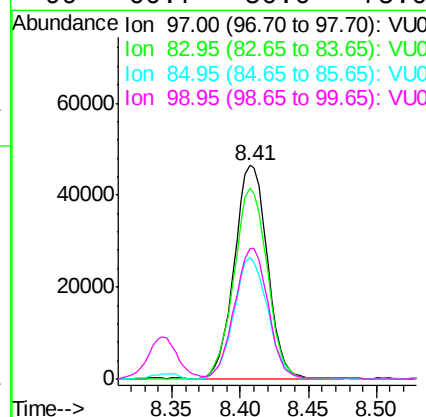
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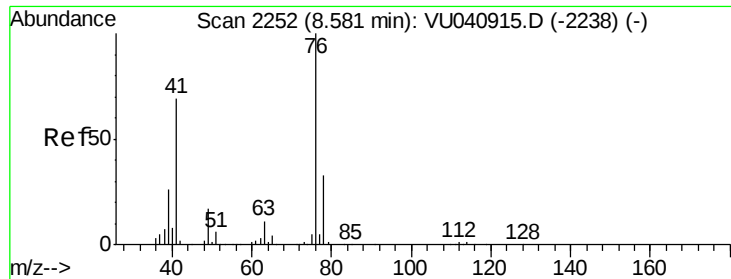
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#52
 1,1,2-Trichloroethane
 Concen: 5.956 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	75.9	113.9
85	57.0	46.1	69.1
99	60.7	50.0	75.0





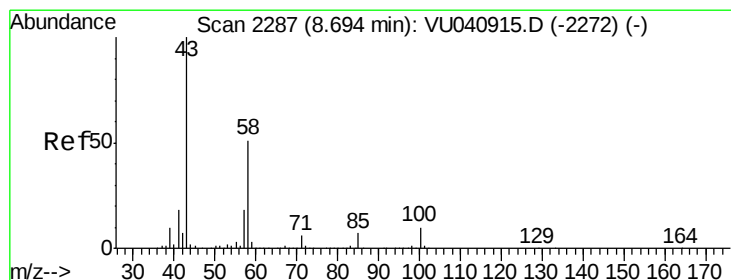
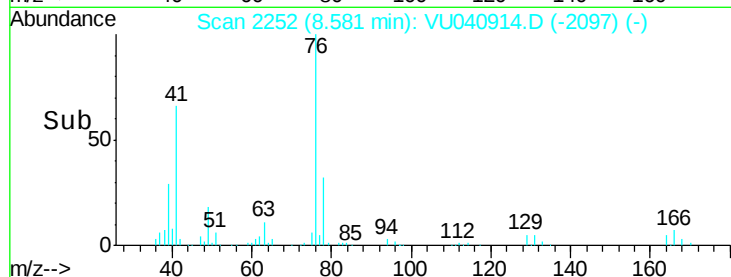
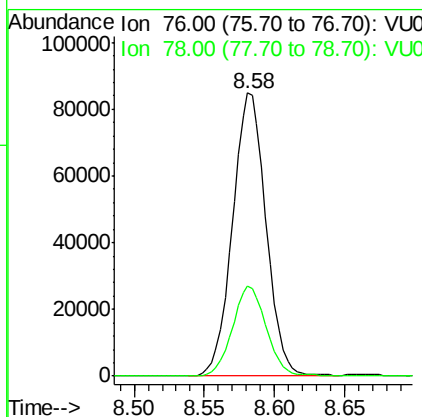
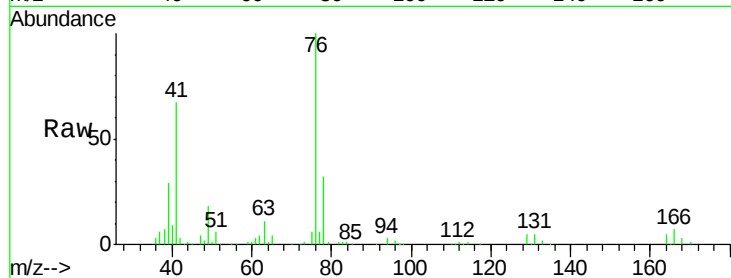
#53
 1,3-Dichloropropane
 Concen: 5.925 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.6	39.8

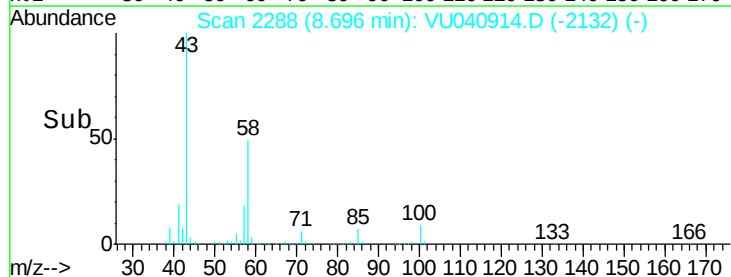
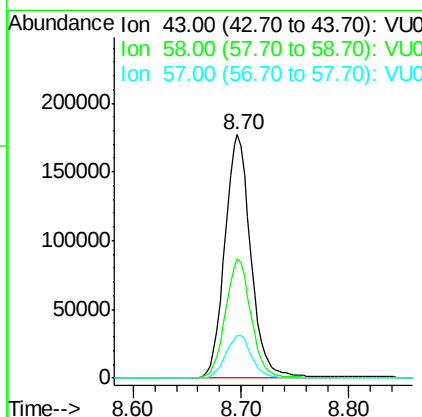
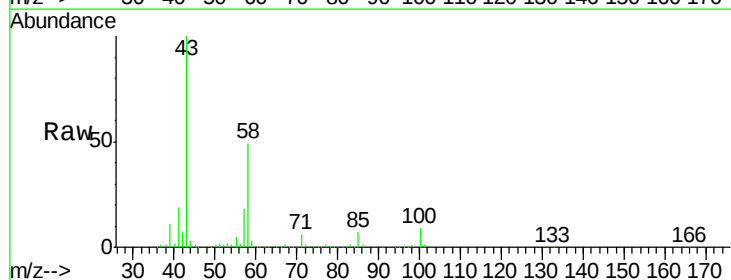
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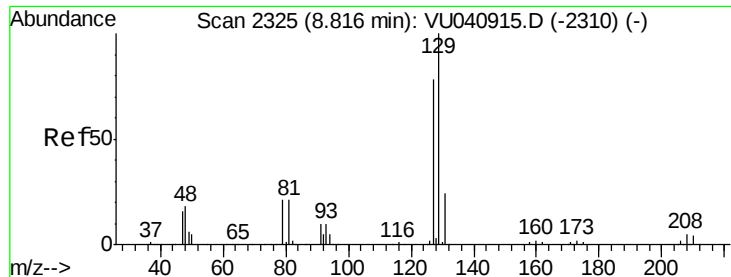
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#54
 2-Hexanone
 Concen: 29.186 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.4	30.2	70.2
57	17.4	0.0	37.4





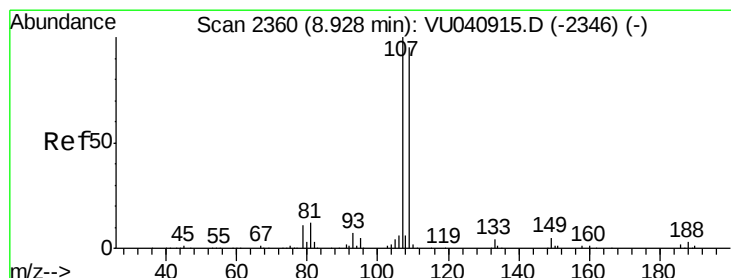
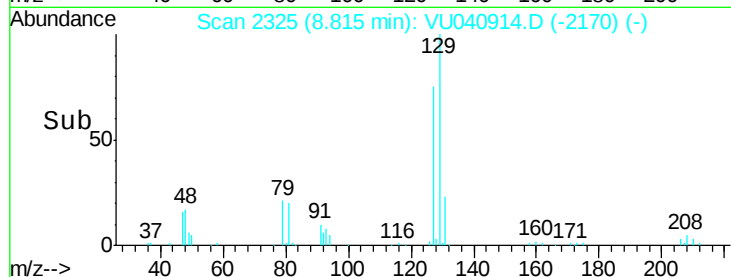
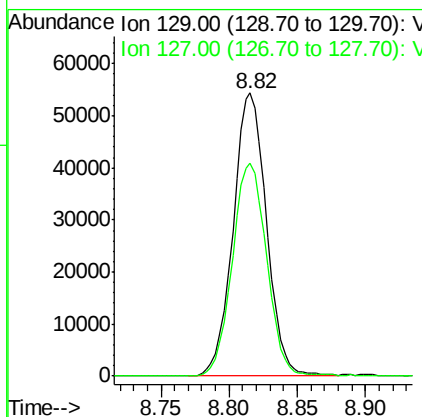
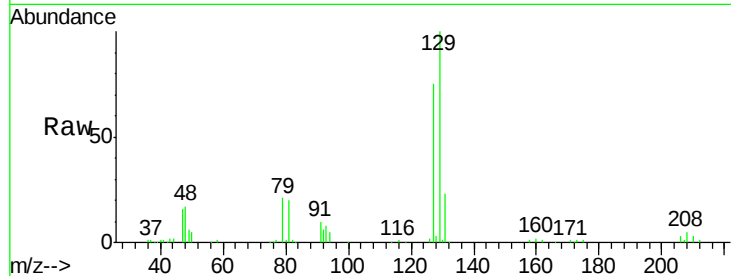
#55
Dibromochloromethane
Concen: 5.995 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		92316		
127	77.3		63.1		94.7

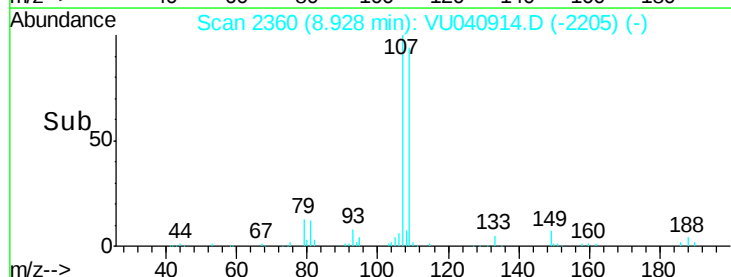
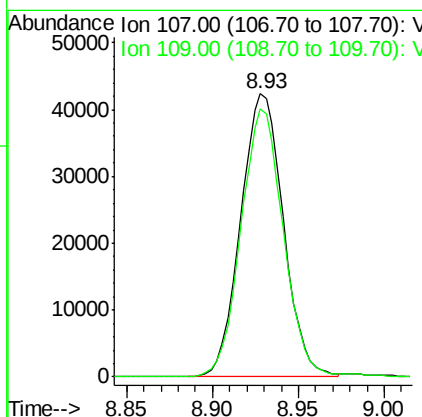
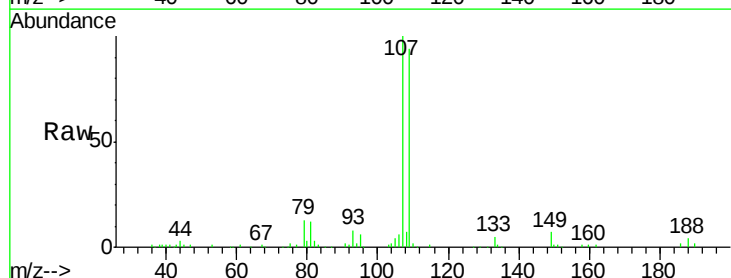
Manual Integrations
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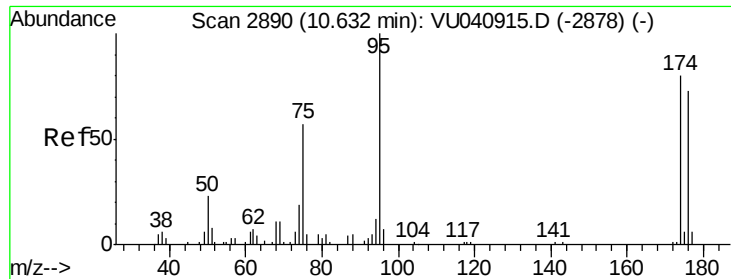
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#56
1,2-Dibromoethane
Concen: 5.908 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		73105		
109	93.5		0.0		190.4





#57

4-Bromofluorobenzene

Concen: 0.995 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

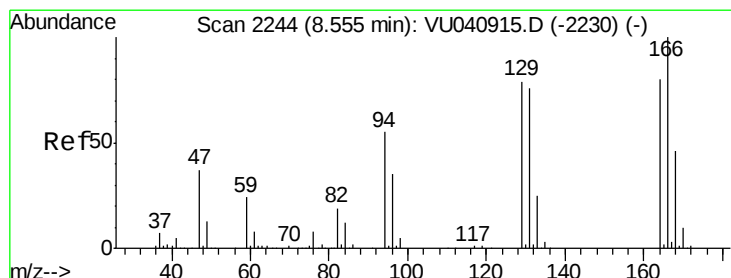
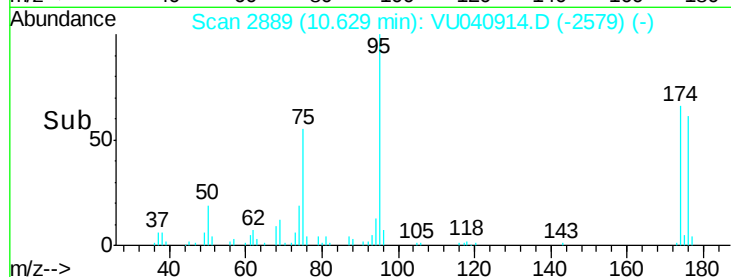
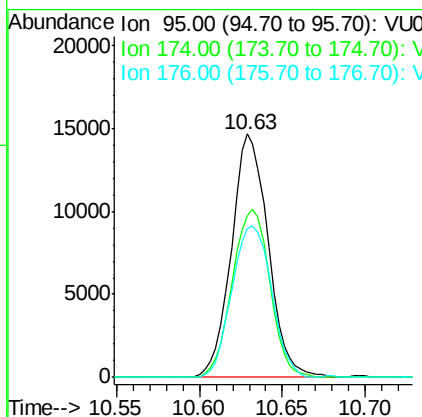
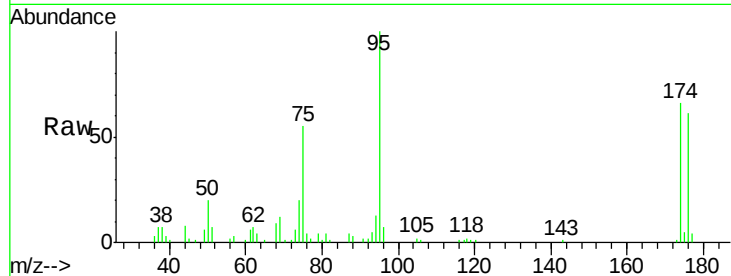
ClientSampleId :

VSTDIC005

Tot Ion:	95	Resp:	22587
Ion Ratio	Lower	Upper	
95	100		
174	70.6	60.3	90.5
176	67.2	55.6	83.4

Manual Integrations
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#58

Tetrachloroethene

Concen: 5.622 ug/l

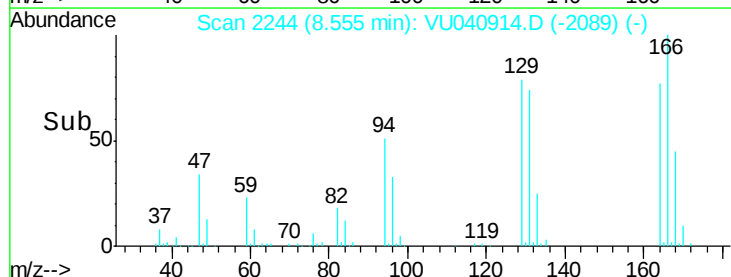
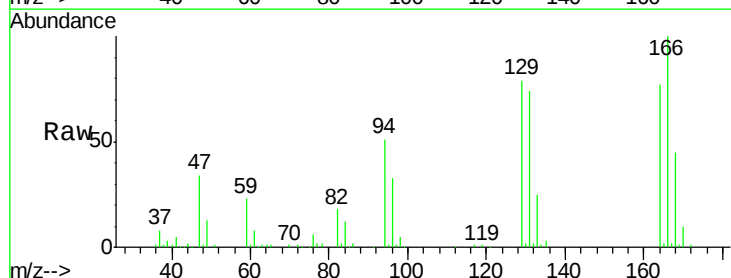
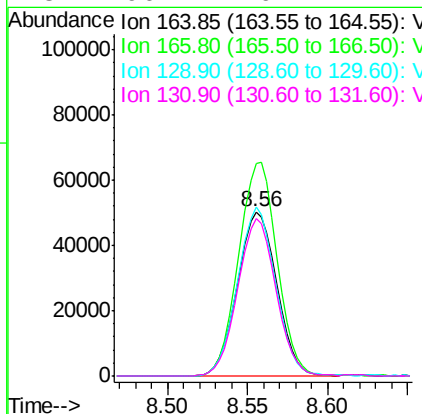
RT: 8.56 min Scan# 2244

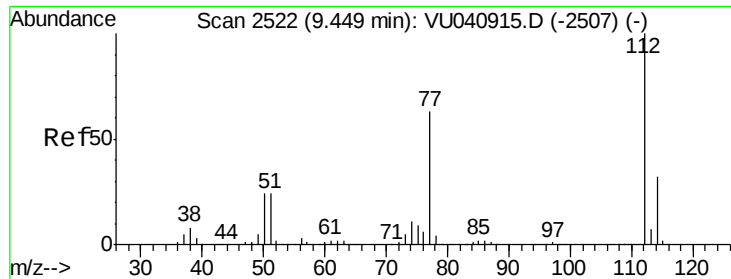
Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Tgt Ion:	164	Resp:	84430
Ion Ratio	Lower	Upper	
164	100		
166	129.3	100.3	150.5
129	102.4	79.4	119.0
131	96.1	76.2	114.4





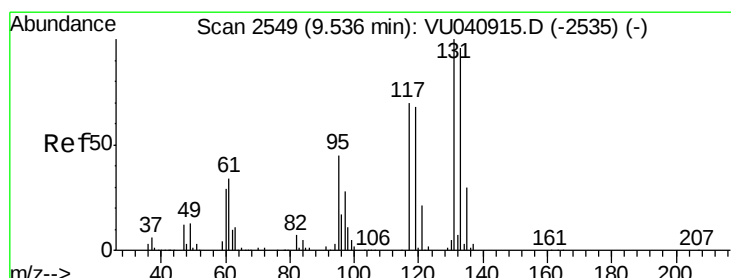
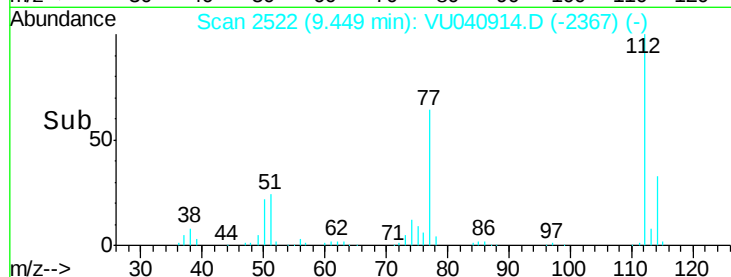
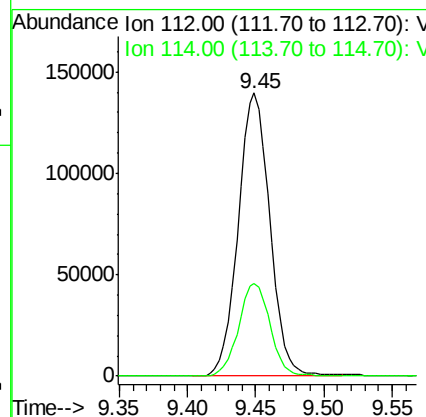
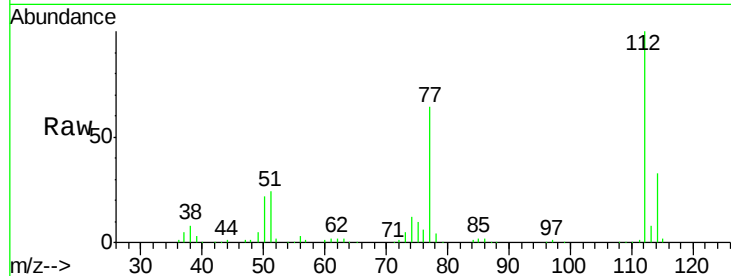
#59
Chlorobenzene
Concen: 5.499 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.8	38.8

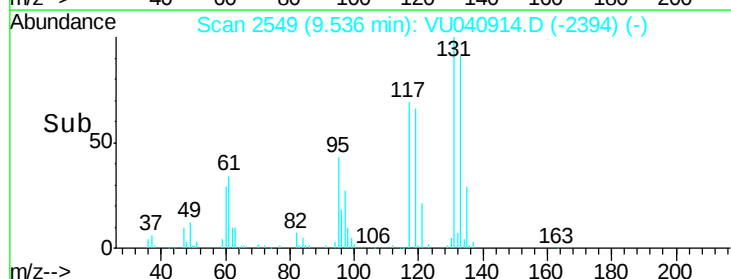
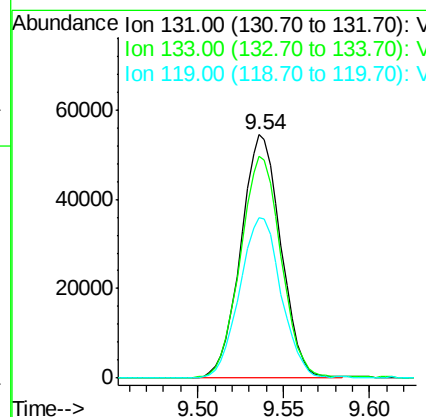
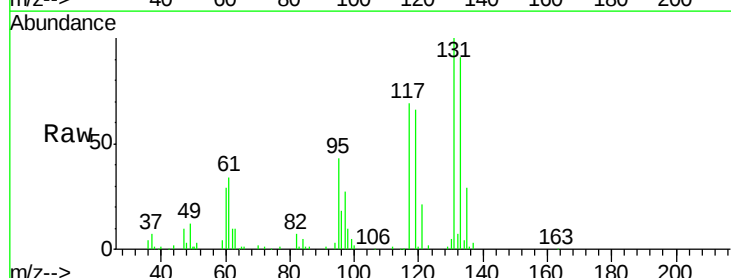
Manual Integrations
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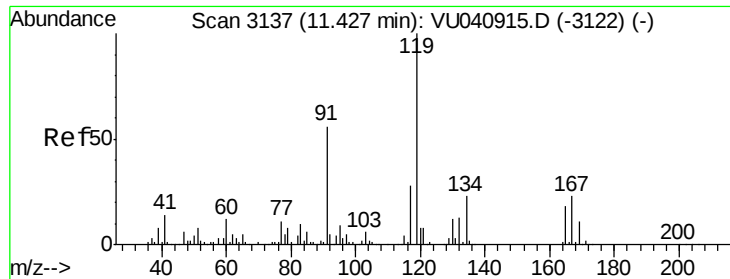
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 5.840 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.6	77.4	116.0
119	68.2	53.5	80.3





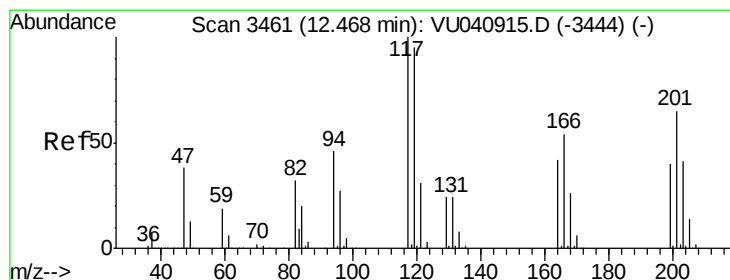
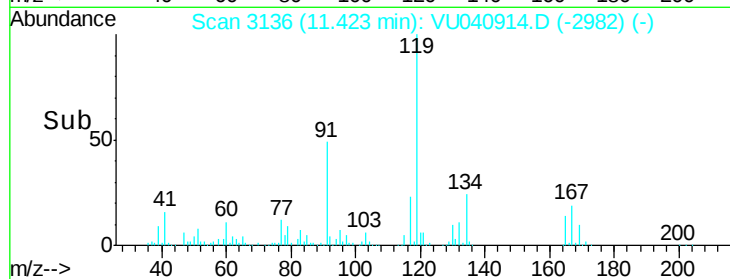
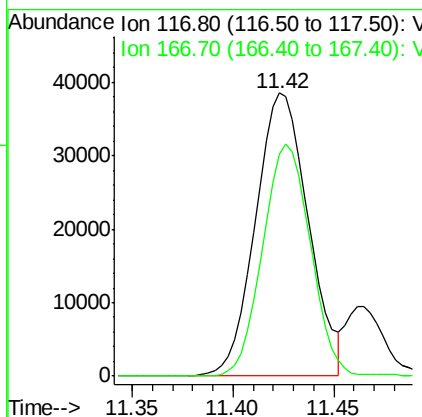
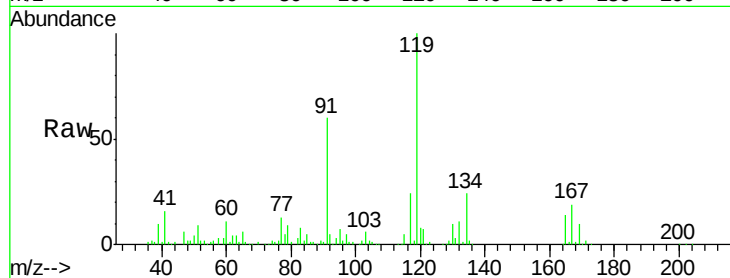
#61
 Pentachloroethane
 Concen: 6.608 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:117 Resp: 70216
 Ion Ratio Lower Upper
 117 100
 167 74.4 59.4 89.2

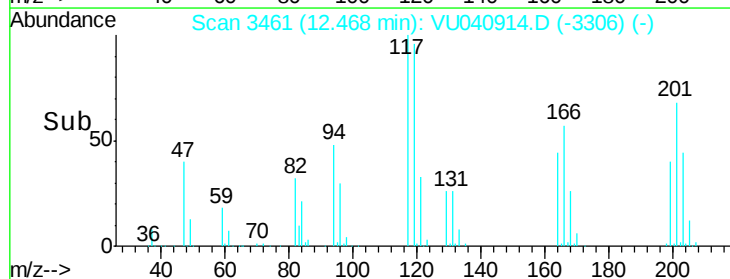
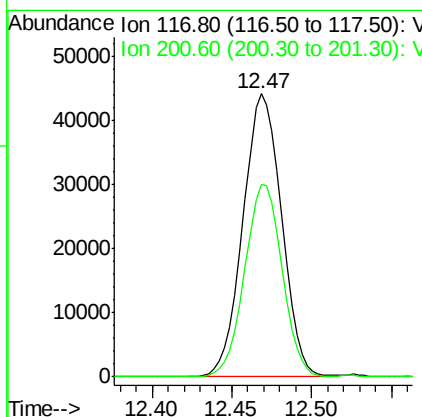
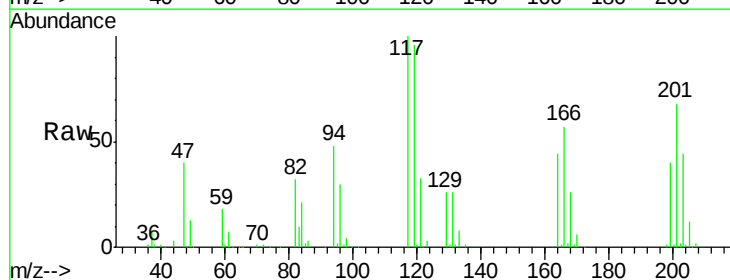
Manual Integrations
 APPROVED

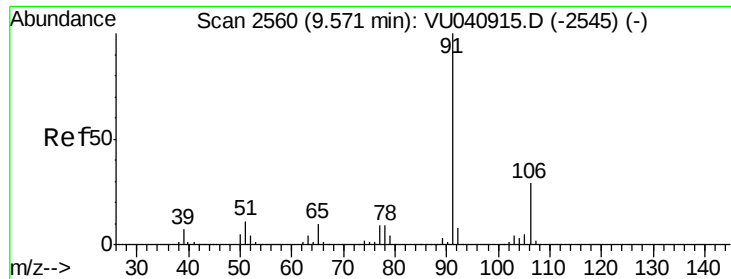
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#62
 Hexachloroethane
 Concen: 5.621 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion:117 Resp: 73183
 Ion Ratio Lower Upper
 117 100
 201 65.7 52.6 78.8





#63

Ethyl Benzene

Concen: 5.500 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 384413

Ion Ratio Lower Upper

91 100

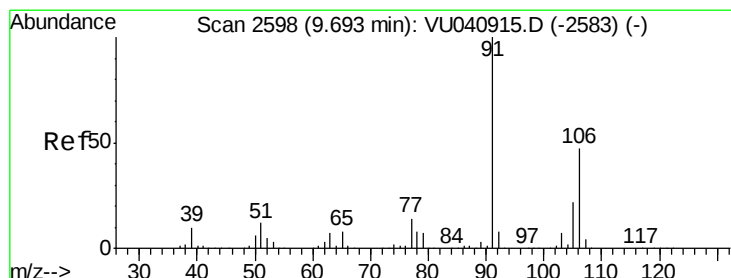
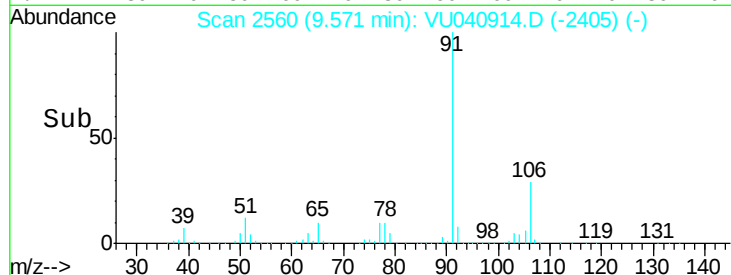
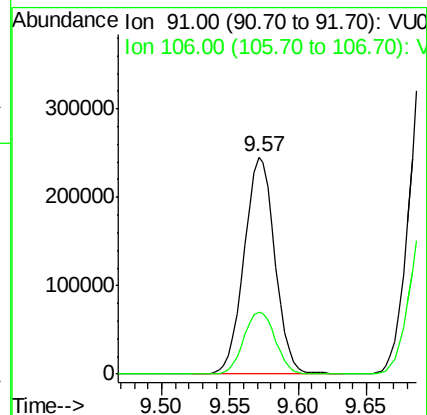
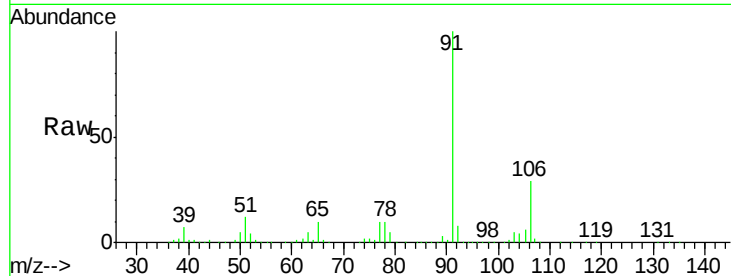
106 28.7 23.5 35.3

Manual Integrations

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#64

m/p-Xylenes

Concen: 12.180 ug/l

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040914.D

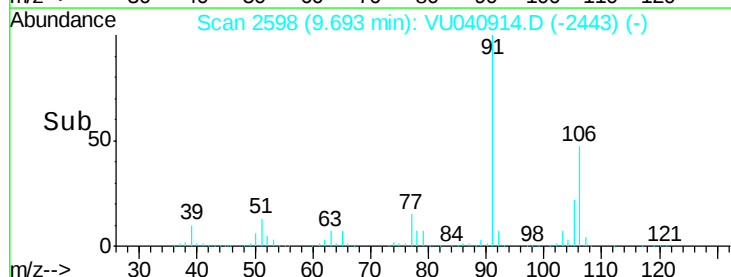
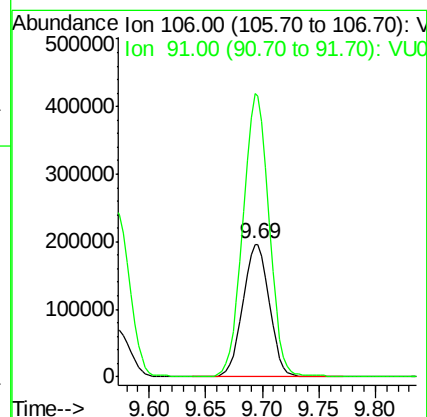
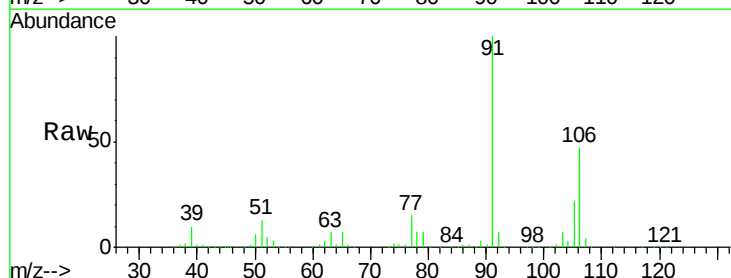
Acq: 22 Oct 2020 20:01

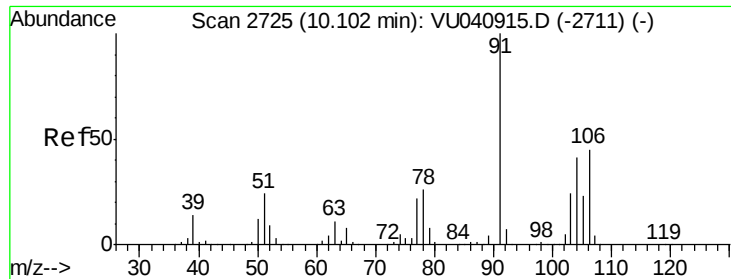
Tgt Ion: 106 Resp: 320237

Ion Ratio Lower Upper

106 100

91 209.9 168.3 252.5





#65

o-Xylene

Concen: 5.444 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 137061

Ion Ratio Lower Upper

106 100

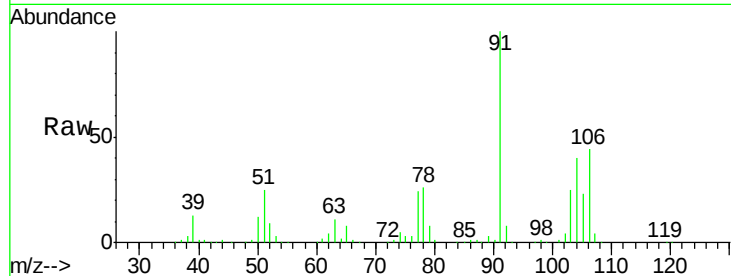
91 229.8 111.3 333.9

Manual Integrations

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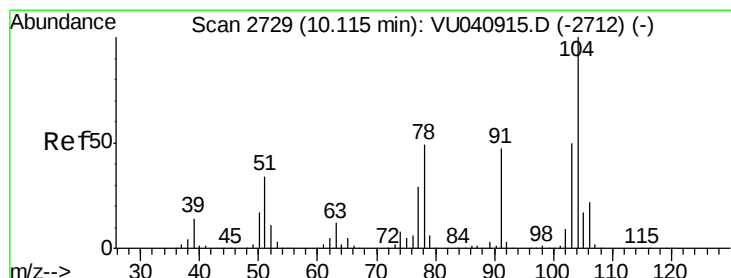
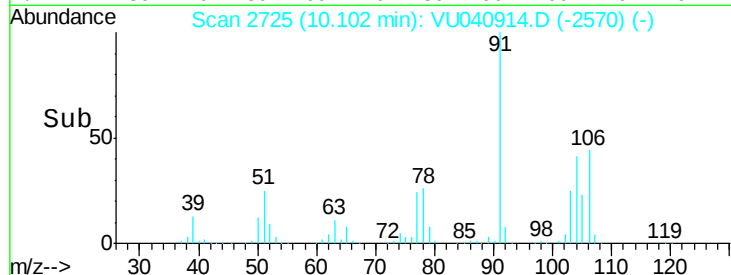
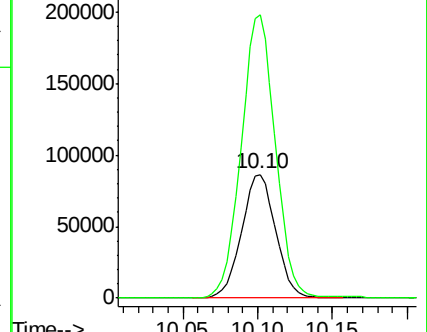
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 5.851 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

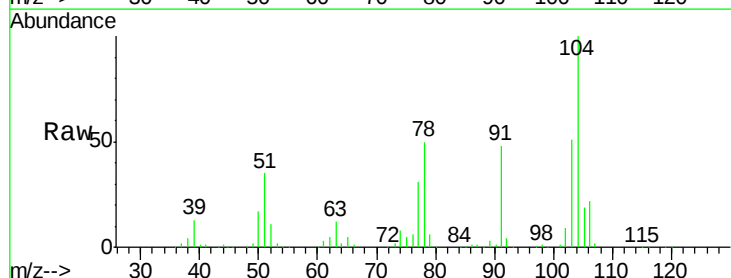
Tgt Ion:104 Resp: 259051

Ion Ratio Lower Upper

104 100

78 55.0 43.4 65.0

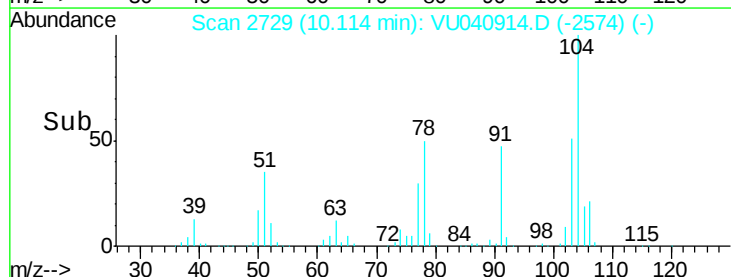
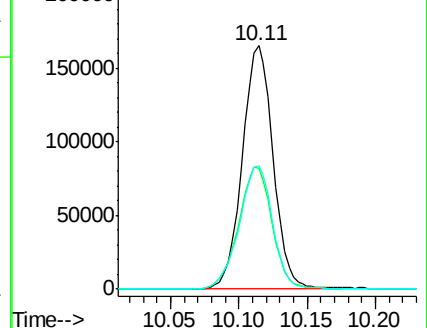
103 55.0 43.1 64.7

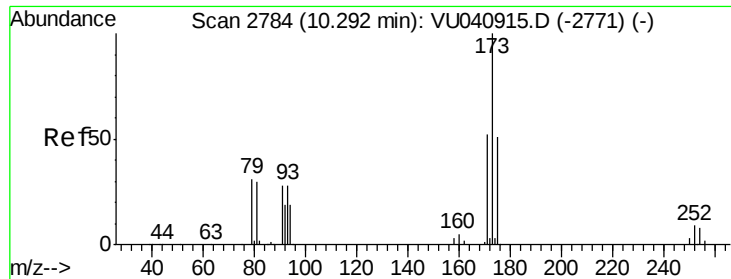


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 6.283 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

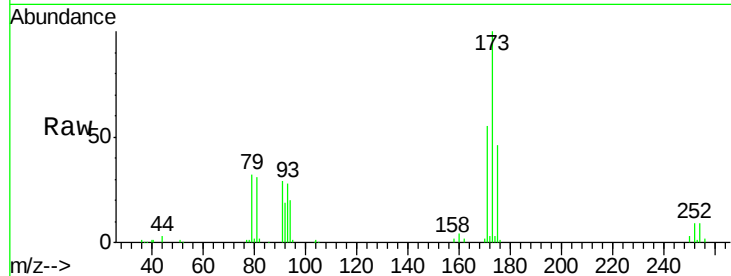
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	39.0	58.4
254	8.8	6.6	9.8

Manual Integrations
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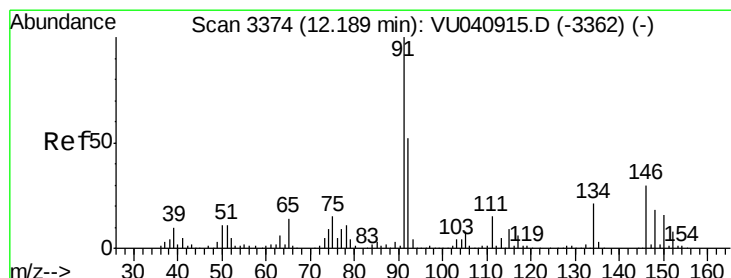
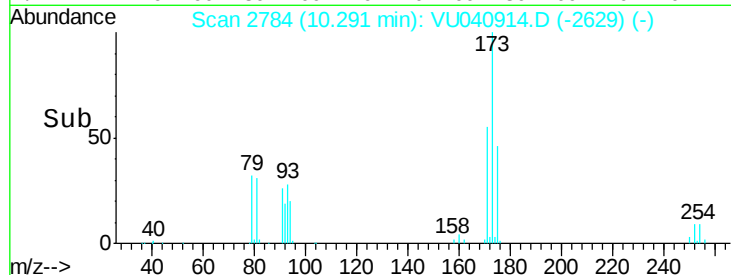
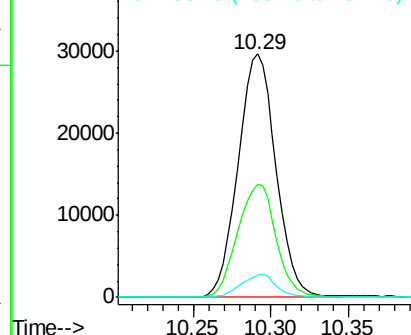


Abundance

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: 1.091 ug/l

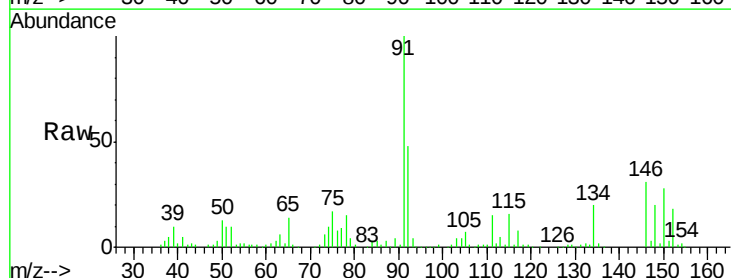
RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	122.7	0.0	323.4
150	234.8	0.0	653.8

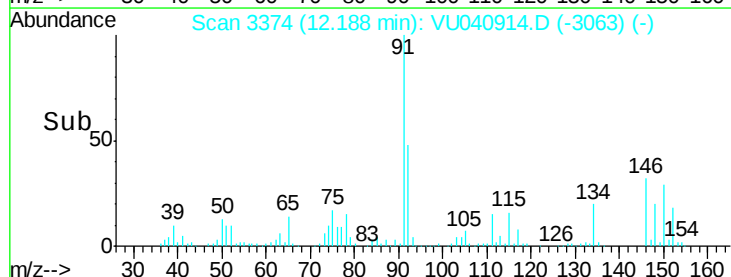
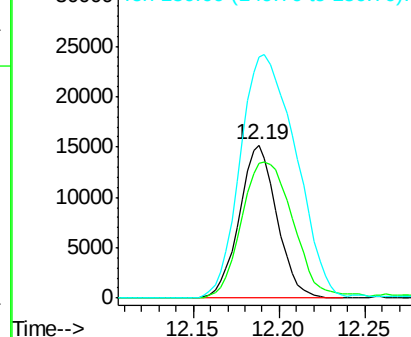


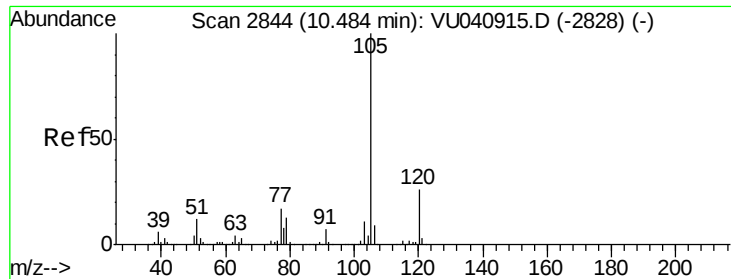
Abundance

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: 5.323 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 366165

Ion Ratio Lower Upper

105 100

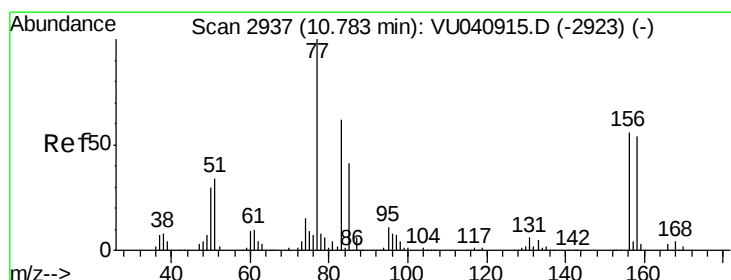
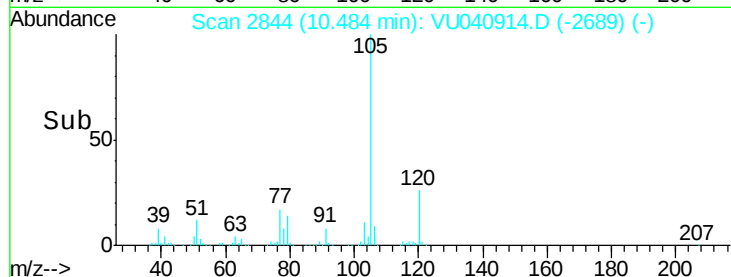
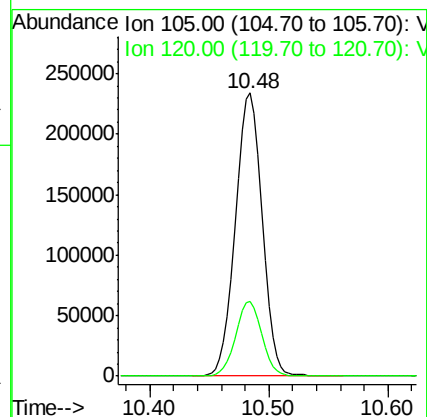
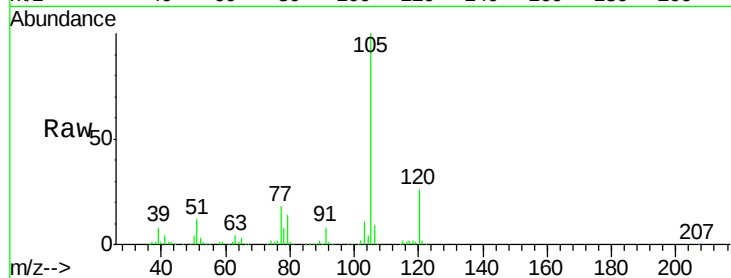
120 25.8 12.9 38.6

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 6.069 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

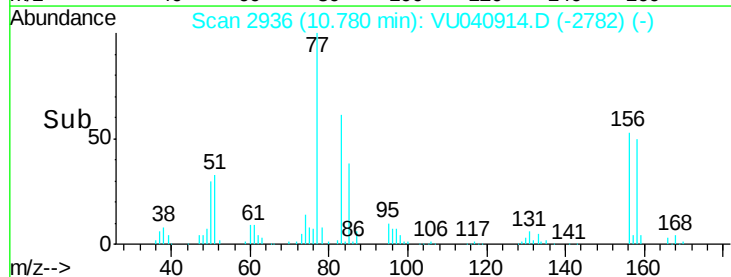
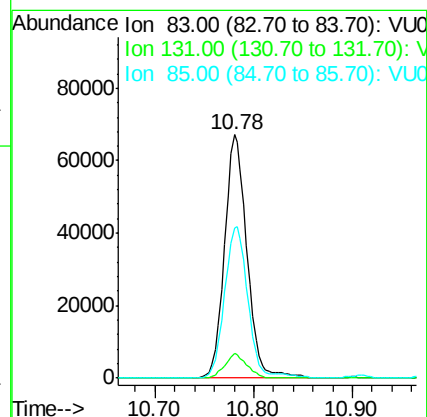
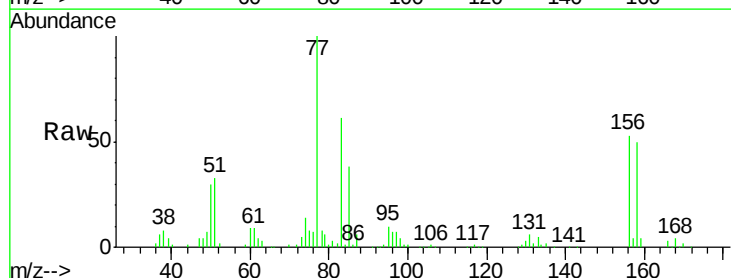
Tgt Ion: 83 Resp: 107689

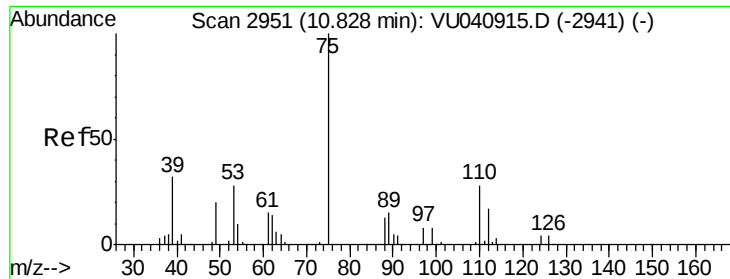
Ion Ratio Lower Upper

83 100

131 9.7 7.1 10.7

85 63.3 51.8 77.6





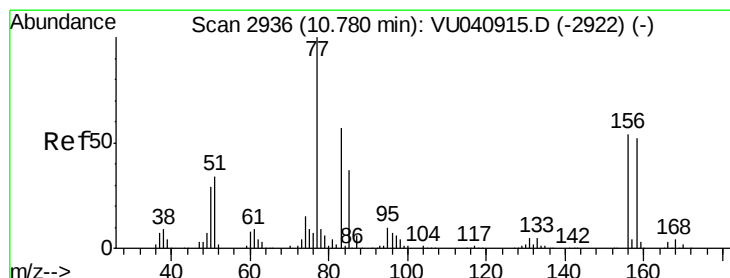
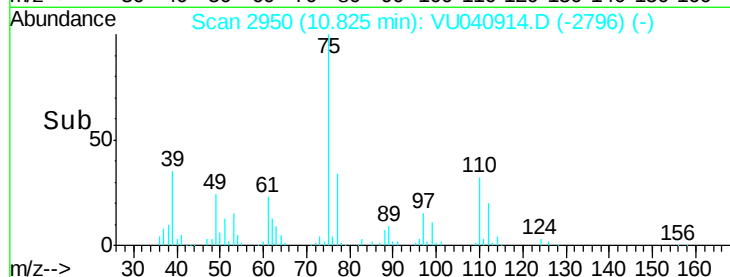
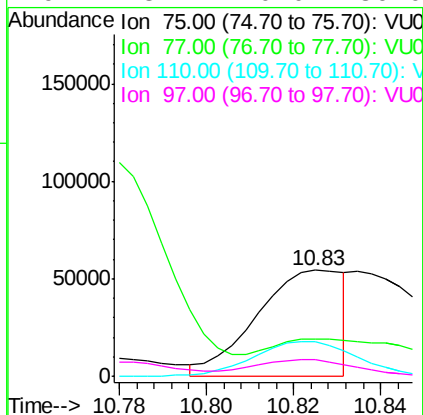
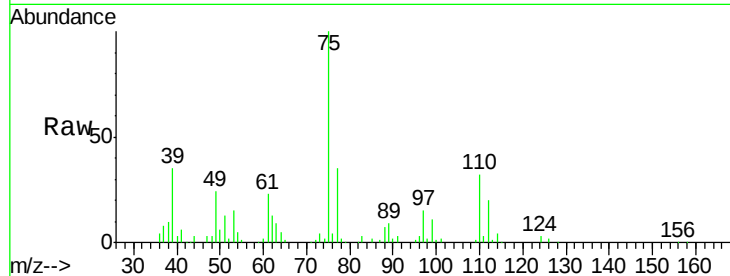
#71
1,2,3-Trichloropropane
Concen: 5.579 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
75	75	100		
77	77	58.9	0.0	110.8
110	110	39.3	0.0	73.4
97	97	18.1	0.0	36.0

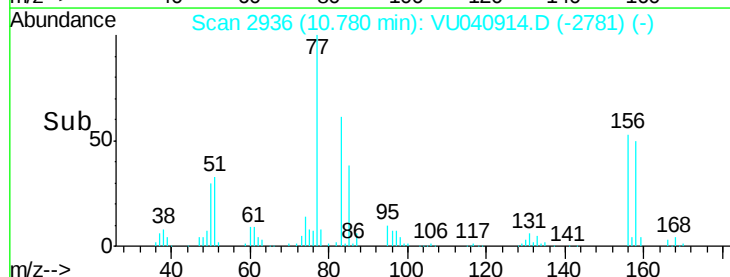
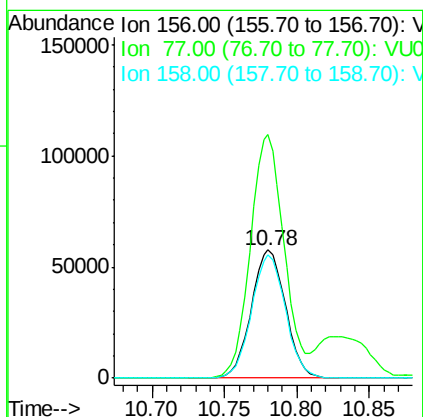
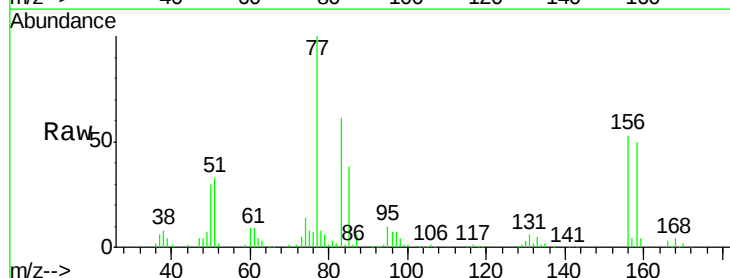
Manual Integrations
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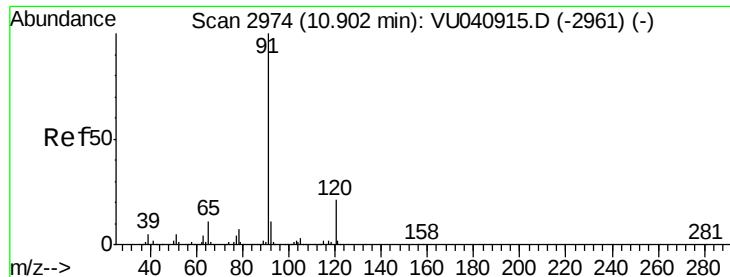
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#72
Bromobenzene
Concen: 5.807 ug/l
RT: 10.78 min Scan# 2936
Delta R.T. -0.00 min
Lab File: VU040914.D
Acq: 22 Oct 2020 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
156	156	100		
77	77	189.2	0.0	370.2
158	158	95.6	0.0	193.2





#73

n-propylbenzene

Concen: 5.765 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:120 Resp: 110190

Ion Ratio Lower Upper

120 100

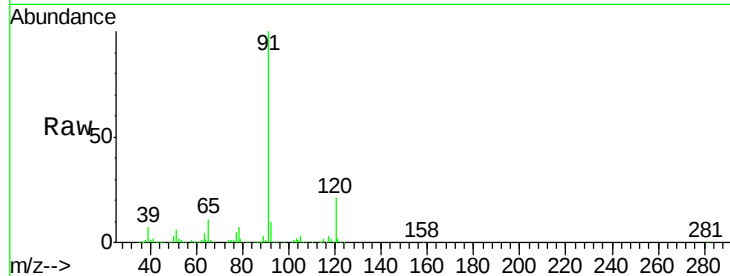
91 467.6 370.8 556.2

Manual Integrations

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

400000

300000

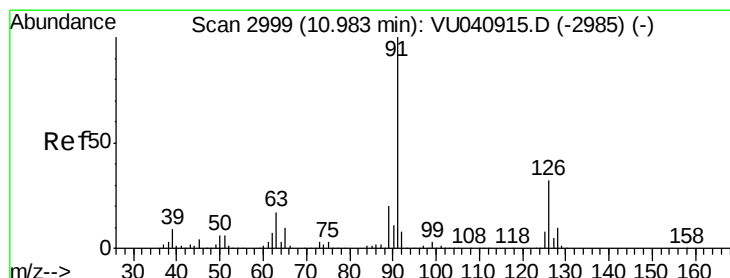
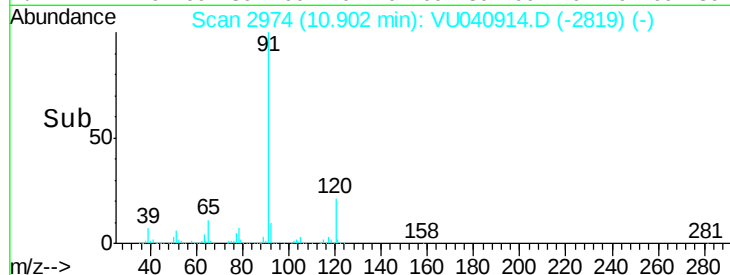
200000

100000

0

10.85 10.90 10.95 11.00

Time-->



#74

2-Chlorotoluene

Concen: 5.850 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040914.D

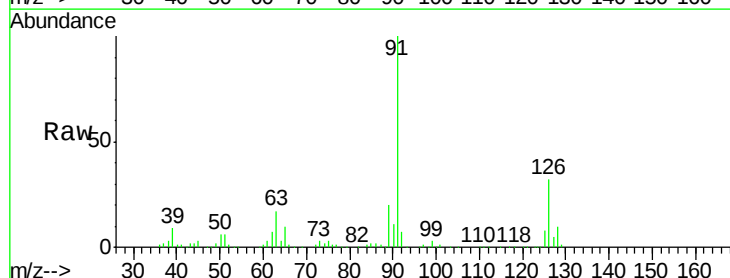
Acq: 22 Oct 2020 20:01

Tgt Ion:126 Resp: 97580

Ion Ratio Lower Upper

126 100

91 311.2 0.0 633.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

400000

300000

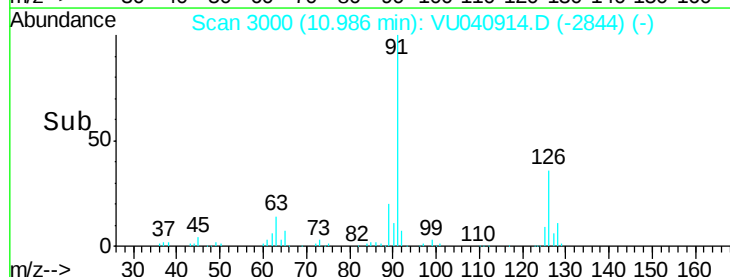
200000

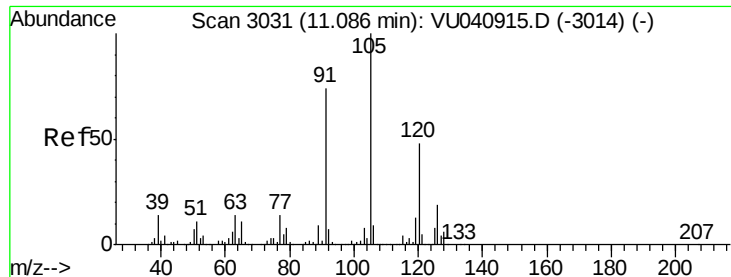
100000

0

10.90 10.95 11.00 11.05

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 5.828 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 351640

Ion Ratio Lower Upper

105 100

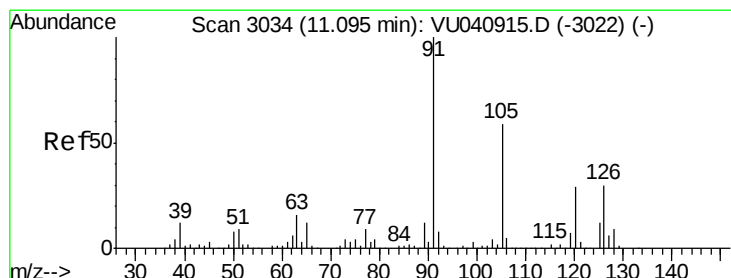
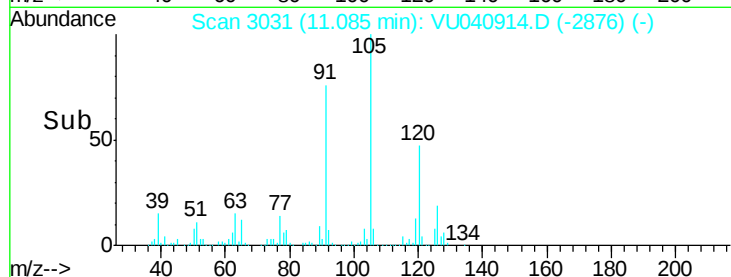
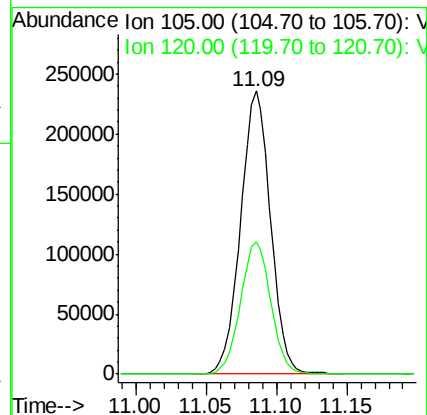
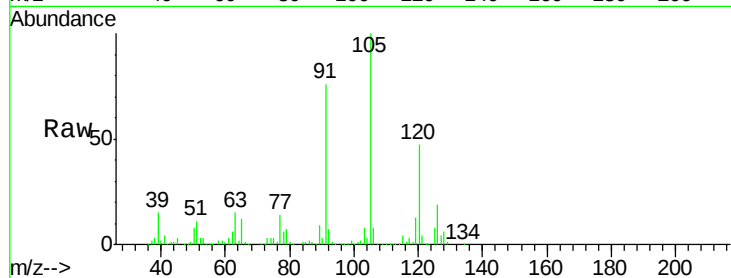
120 47.6 38.7 58.1

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#76

4-Chlorotoluene

Concen: 5.691 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040914.D

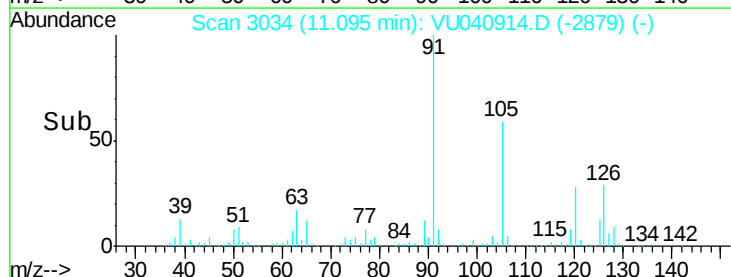
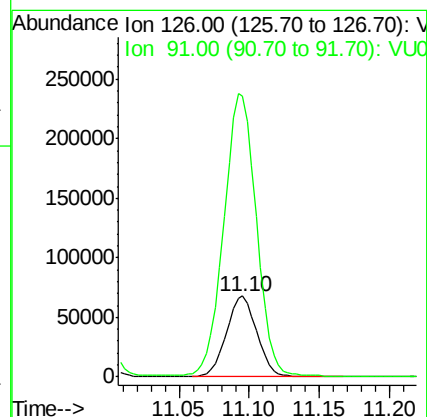
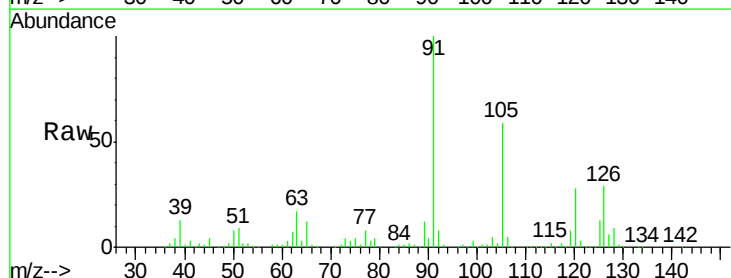
Acq: 22 Oct 2020 20:01

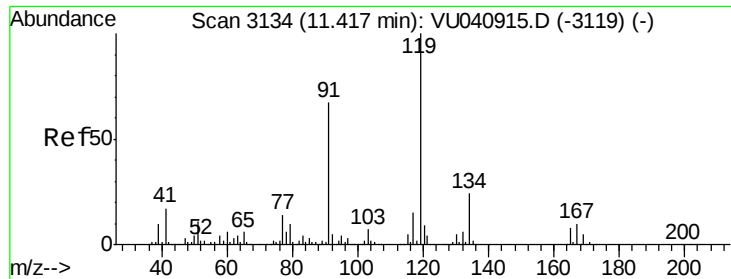
Tgt Ion:126 Resp: 102158

Ion Ratio Lower Upper

126 100

91 372.8 0.0 730.4





#77

tert-Butylbenzene

Concen: 5.499 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

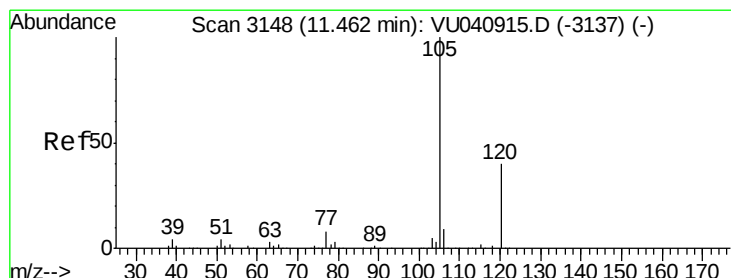
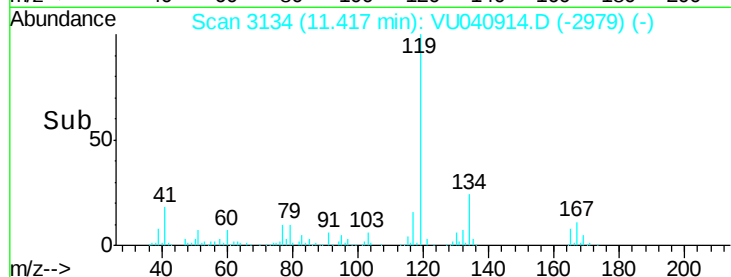
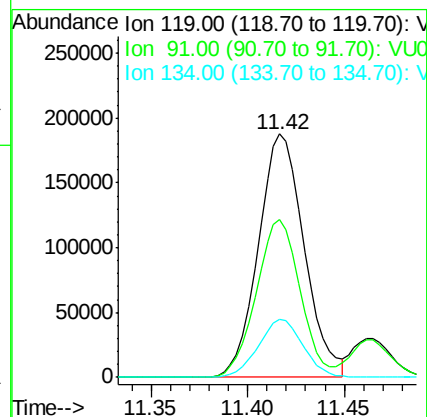
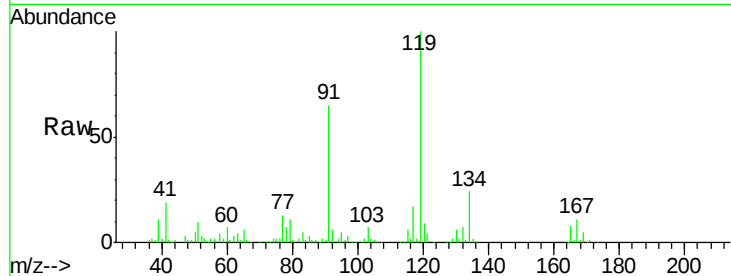
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	309073
Ion Ratio	Lower	Upper	
119	100		
91	61.9	32.0	96.2
134	23.5	18.4	27.6

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#78

1,2,4-Trimethylbenzene

Concen: 5.812 ug/l

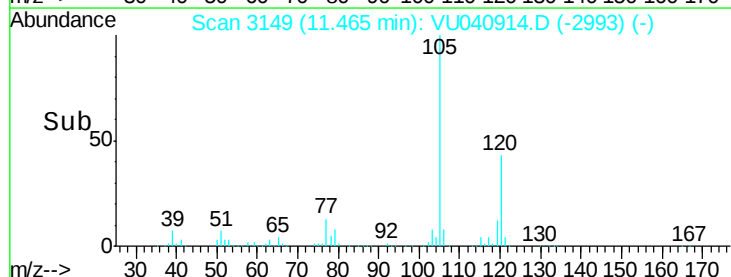
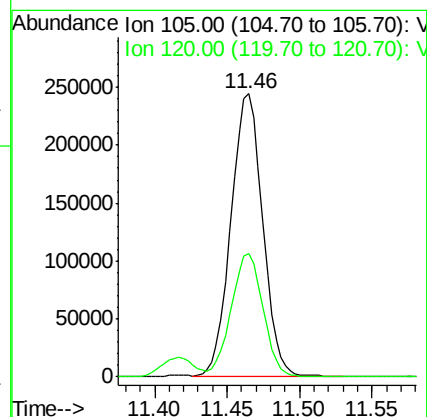
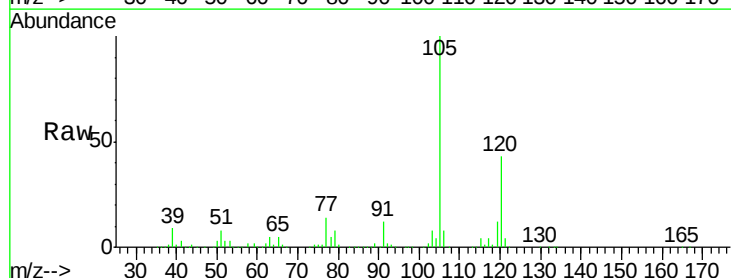
RT: 11.46 min Scan# 3149

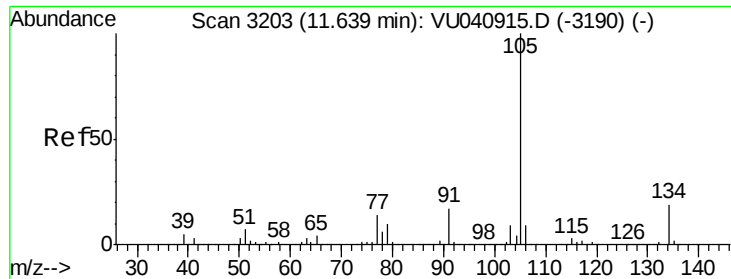
Delta R.T. 0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Tgt Ion:	105	Resp:	368664
Ion Ratio	Lower	Upper	
105	100		
120	43.4	22.6	67.8





#79

sec-Butylbenzene

Concen: 5.587 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 452270

Ion Ratio Lower Upper

105 100

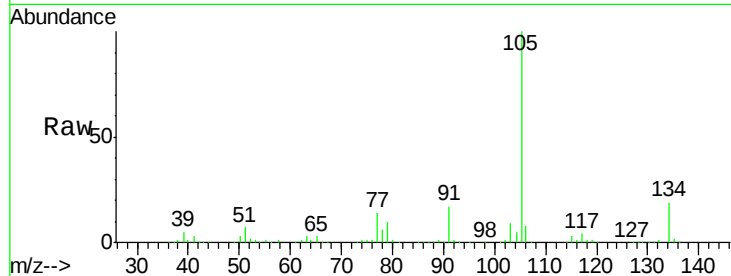
134 18.7 15.4 23.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.64

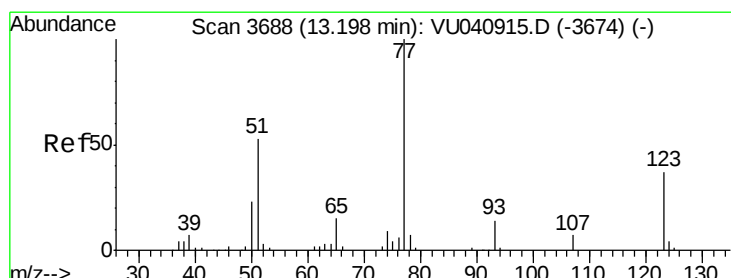
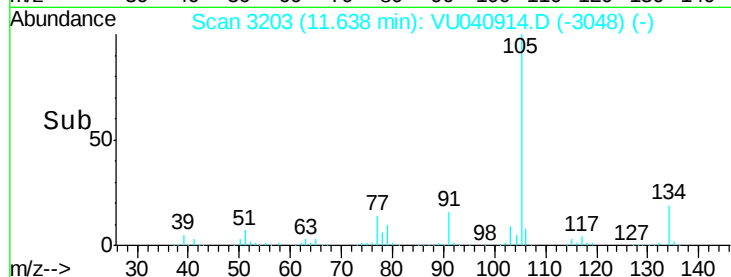
300000

200000

100000

0

Time-->



#80

Nitrobenzene

Concen: 33.908 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

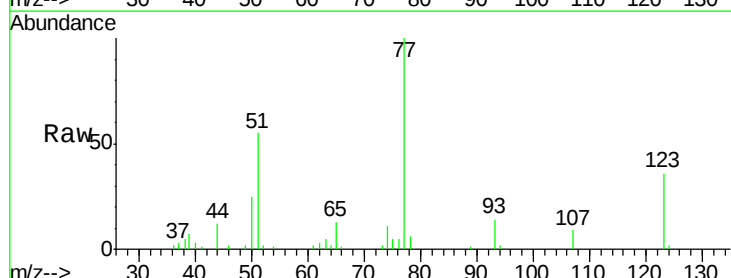
Tgt Ion: 77 Resp: 24933

Ion Ratio Lower Upper

77 100

123 37.2 16.8 59.4

65 9.7 11.0 14.0#



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

13.20

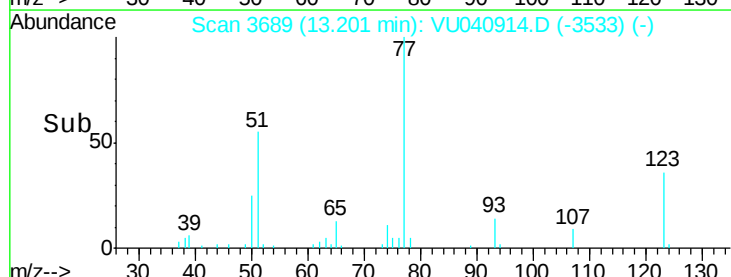
15000

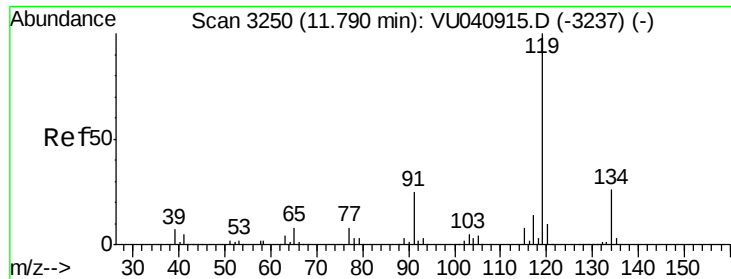
10000

5000

0

Time-->





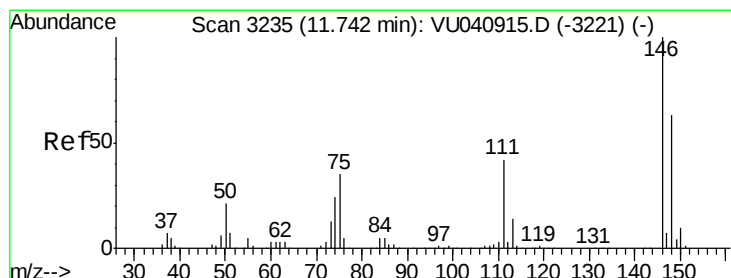
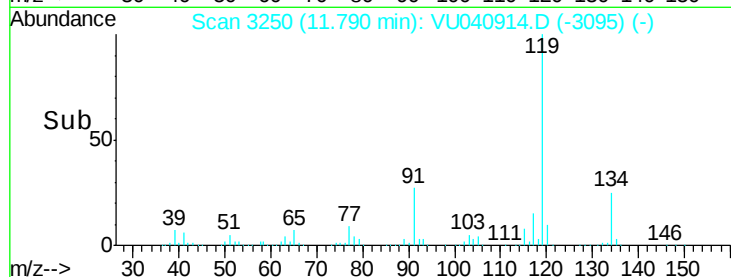
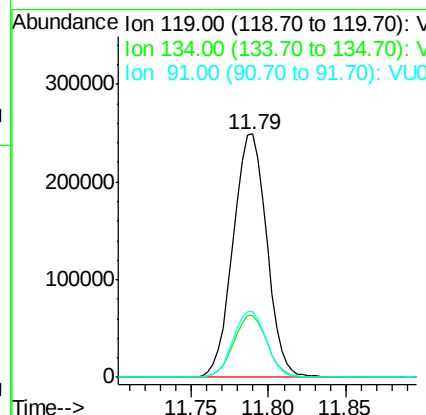
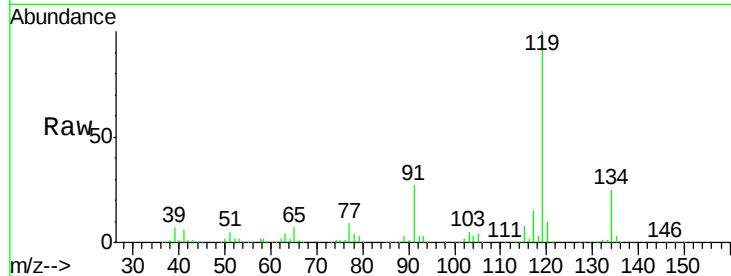
#81
 p-Isopropyltoluene
 Concen: 5.754 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.4	30.6
91	26.9	20.4	30.6

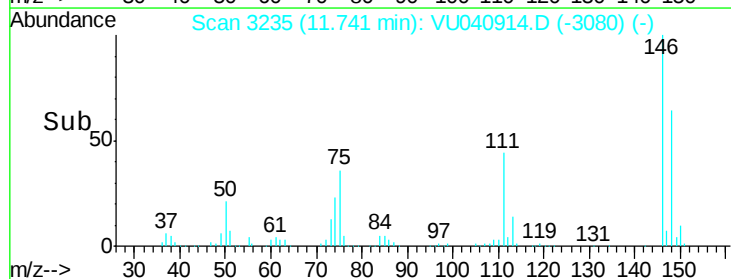
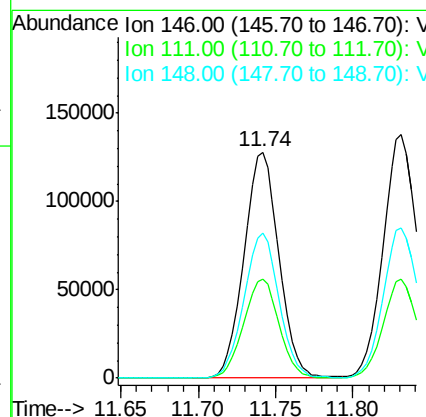
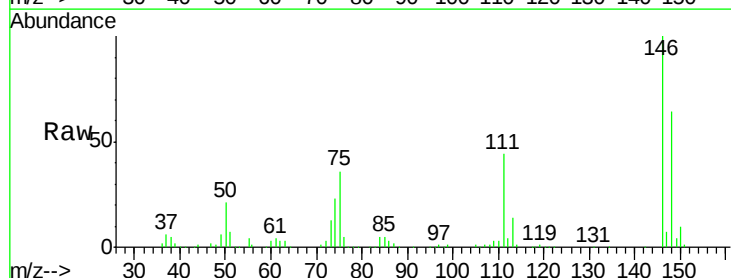
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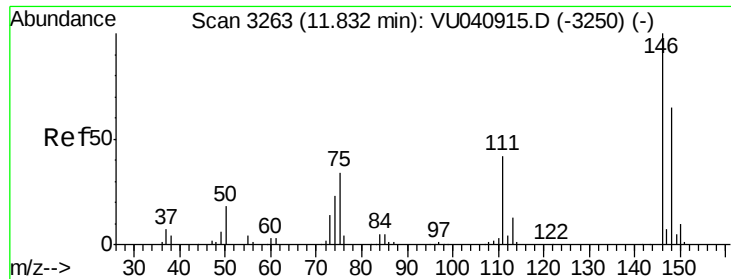
MMDadoda
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#82
 1,3-Dichlorobenzene
 Concen: 5.632 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	33.6	50.4
148	64.5	50.1	75.1





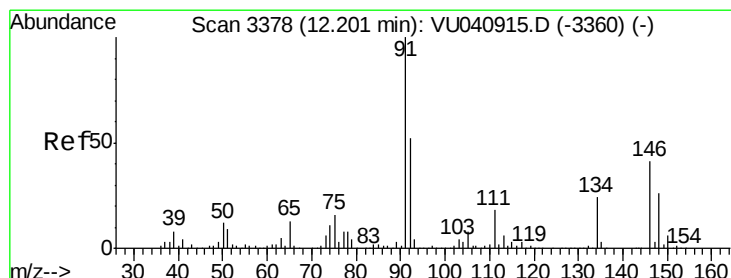
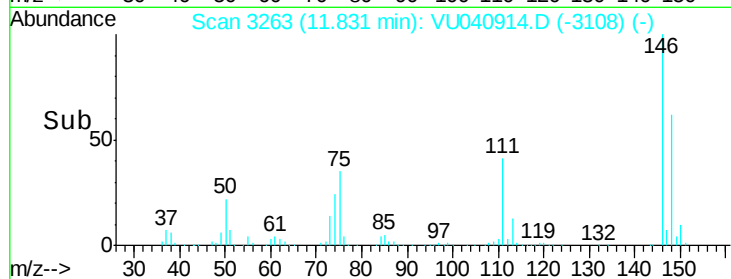
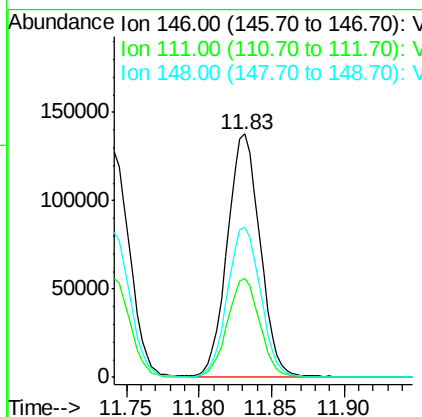
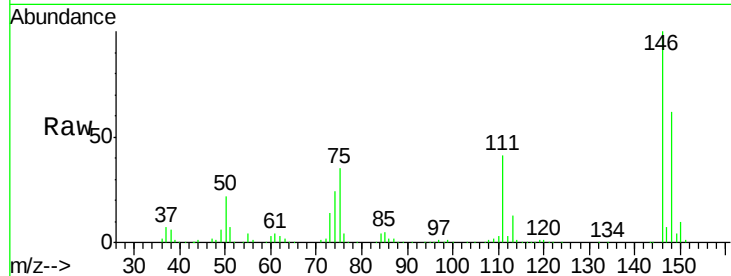
#83
 1,4-Dichlorobenzene
 Concen: 6.085 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	33.7	50.5
148	62.0	50.6	75.8

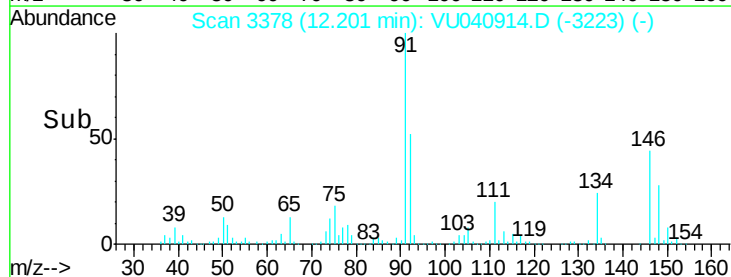
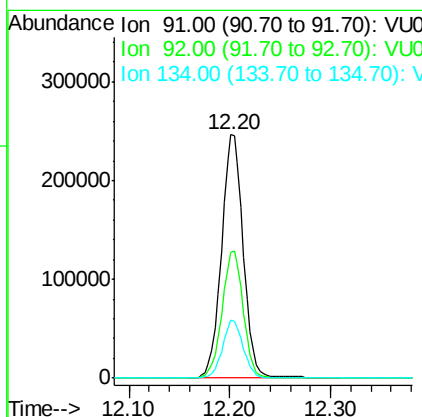
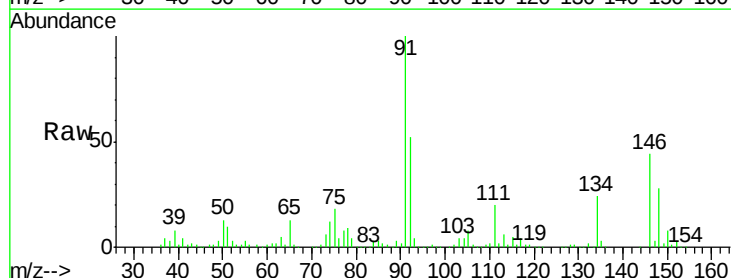
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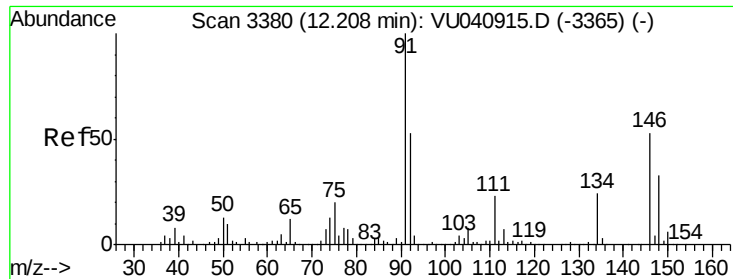
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#84
 n-Butylbenzene
 Concen: 5.601 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.9	41.7	62.5
134	22.7	18.6	28.0





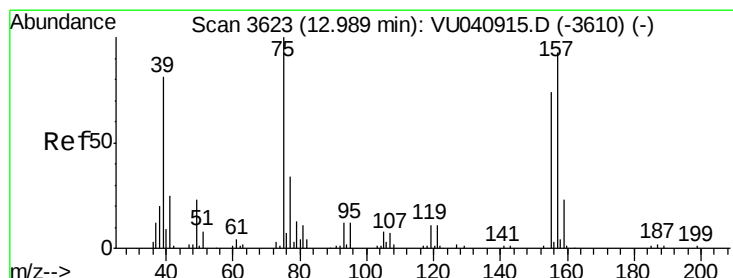
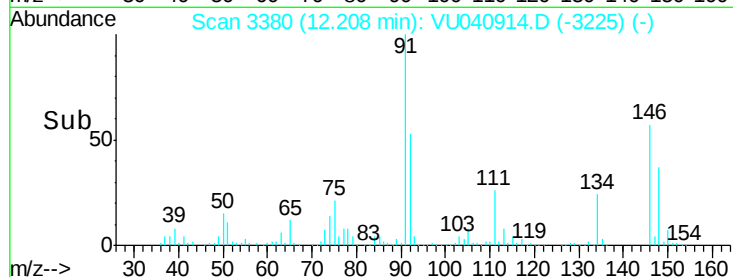
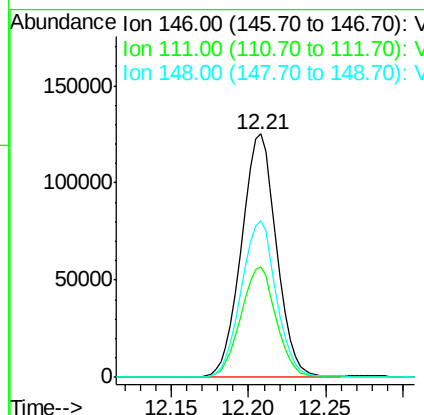
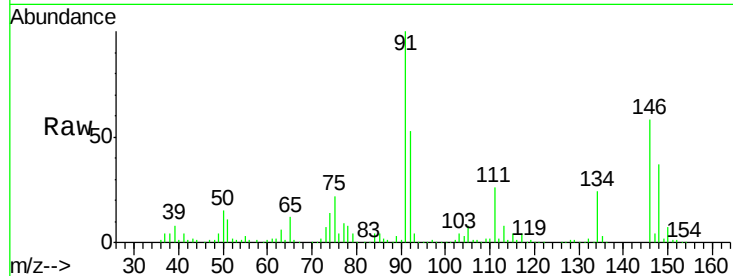
#85
 1,2-Dichlorobenzene
 Concen: 5.774 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
111	45.6	22.3	66.9		
148	64.1	31.5	94.5		

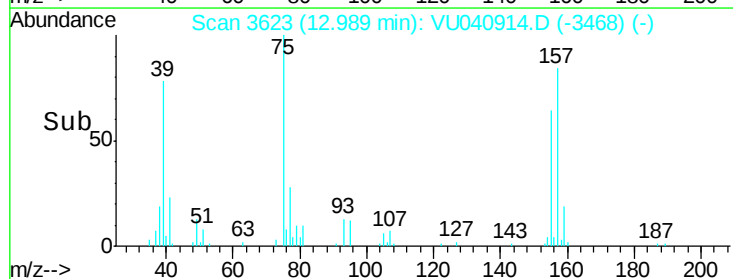
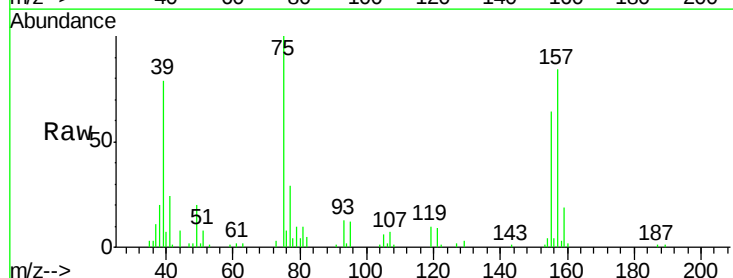
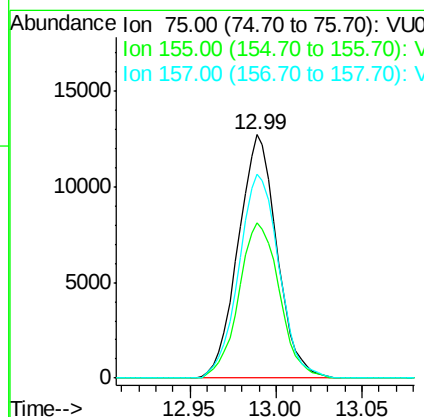
Manual Integrations
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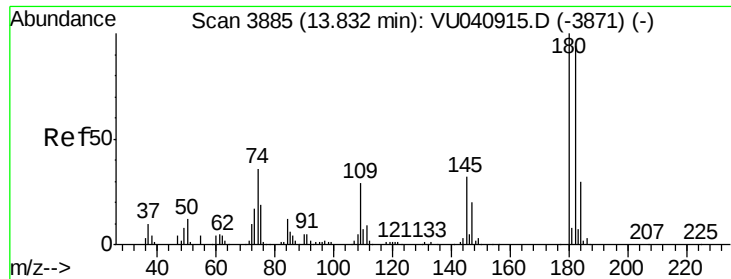
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 6.151 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100				
155	66.5	57.1	85.7		
157	86.4	72.4	108.6		





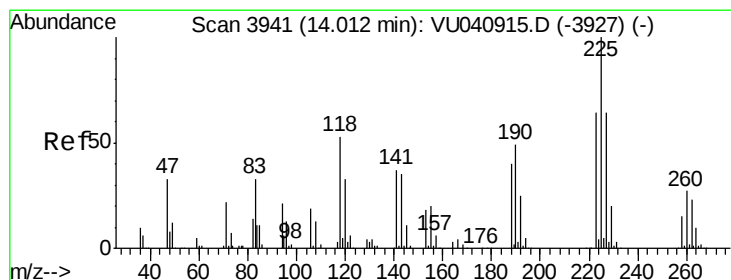
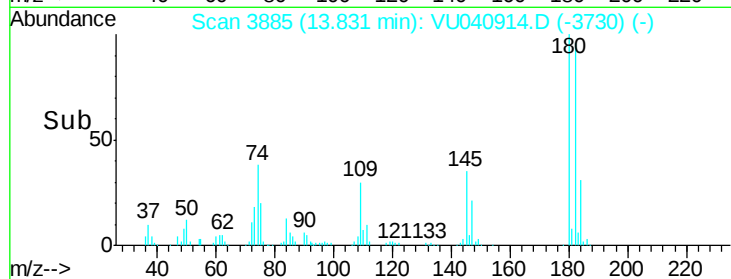
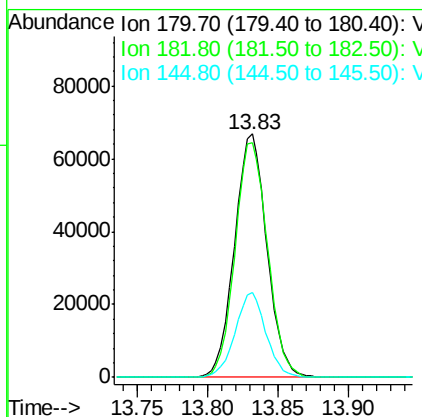
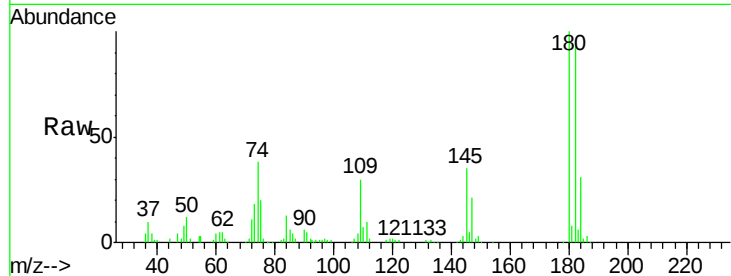
#87
 1,2,4-Trichlorobenzene
 Concen: 5.442 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.4	113.2
145	33.2	25.4	38.0

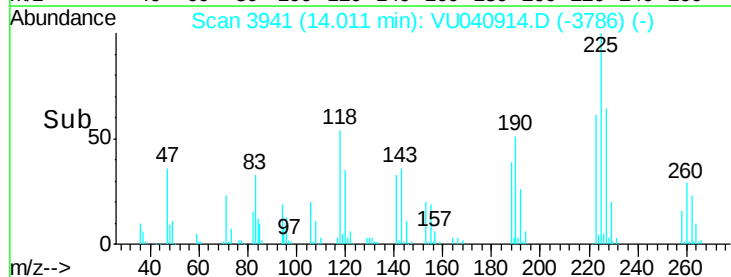
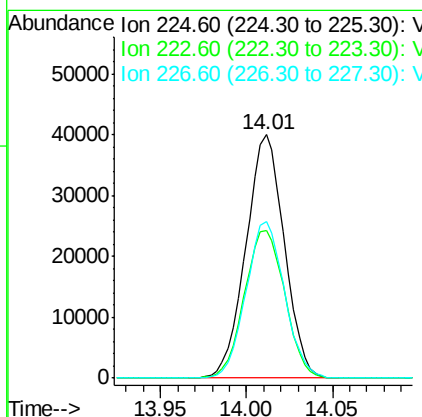
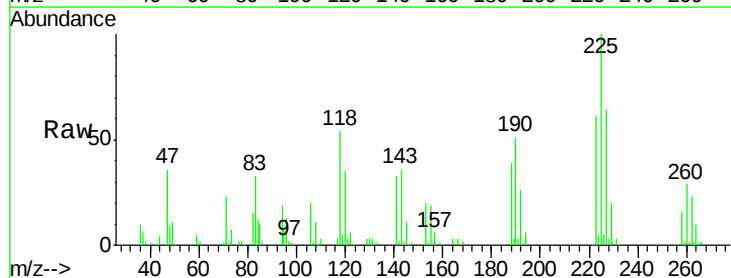
Manual Integrations
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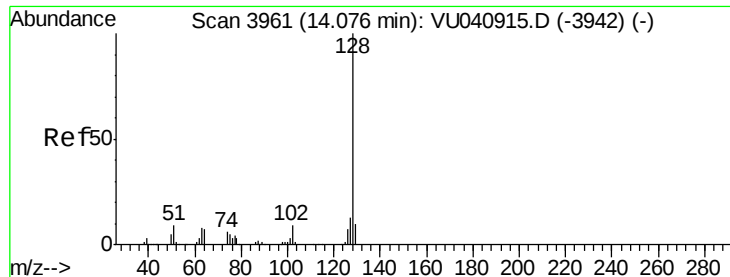
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#88
 Hexachlorobutadiene
 Concen: 6.011 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040914.D
 Acq: 22 Oct 2020 20:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	64.4	51.1	76.7





#89

Naphthalene

Concen: 5.692 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Instrument :

MSVOA_U

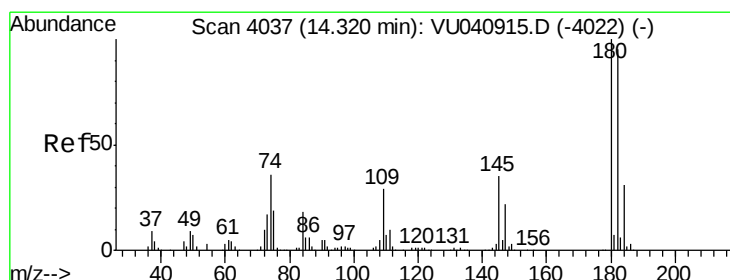
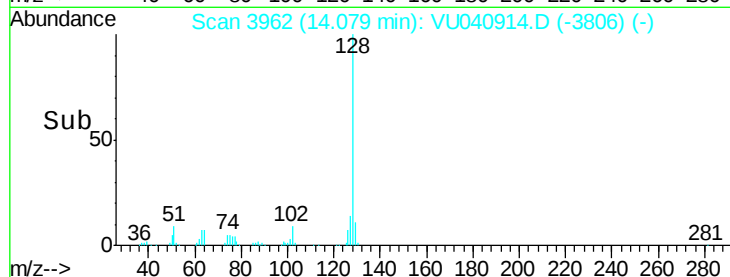
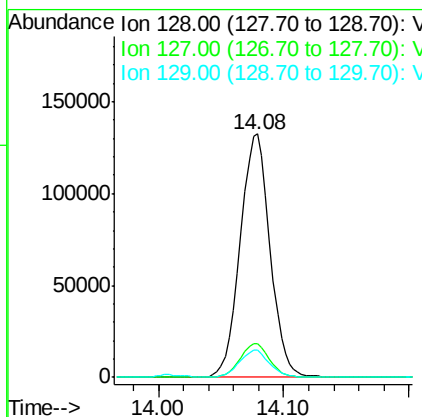
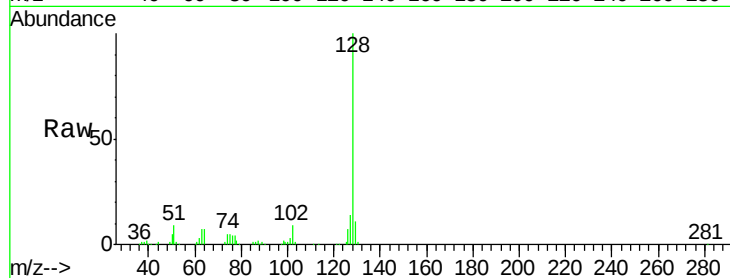
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	219692
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.7	16.1
129	11.2	8.6	13.0

Manual Integrations
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#90

1,2,3-Trichlorobenzene

Concen: 5.978 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040914.D

Acq: 22 Oct 2020 20:01

Tgt Ion:	180	Resp:	112143
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.0	114.0
145	35.1	28.0	42.0

