

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039714.D
 Acq On : 29 Jul 2020 20:24
 Operator : SY/MD
 Sample : VU0729WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Manual Integrations
 APPROVED

Quant Time: Jul 31 14:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 14:06:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	20622	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	7080	0.88	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7204	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	

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Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	12616	1.761	ug/l	96
3) Chloromethane	1.53	50	18229	2.048	ug/l	96
4) Vinyl Chloride	1.61	62	15918	1.940	ug/l	99
5) Bromomethane	1.86	94	10188	1.816	ug/l	95
6) Chloroethane	1.94	64	11801	2.073	ug/l	98
7) Trichlorofluoromethane	2.15	101	22213	2.047	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	11769	1.890	ug/l	99
9) 1,1-Dichloroethene	2.59	96	10876	1.898	ug/l	94
10) Iodomethane	2.73	142	13055	2.259	ug/l	99
11) Allyl Chloride	2.93	41	22851	1.849	ug/l	94
12) Acrylonitrile	3.35	53	9081	4.515	ug/l #	89
13) Acetone	2.66	43	19448	10.277	ug/l	95
14) Carbon Disulfide	2.80	76	38906	1.852	ug/l	96
15) Methylene Chloride	3.06	84	14714	1.842	ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	12005	1.843	ug/l	98
17) 1,1-Dichloroethane	3.89	63	27206	1.902	ug/l	99
18) 2-Butanone	4.76	43	30926	9.718	ug/l	99
19) Cyclohexane	5.39	56	25113m	1.814	ug/l	
20) Methylcyclohexane	6.77	83	16497	1.608	ug/l	97
21) 2,2-Dichloropropane	4.68	77	20303	1.740	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	13324	1.898	ug/l	97
23) Diethyl Ether	2.39	59	11084	1.892	ug/l	91
24) tert-Butyl Alcohol	3.29	59	15460m	15.090	ug/l	
25) Methyl tert-Butyl Ether	3.39	73	35744	1.912	ug/l	98
26) Bromochloromethane	5.00	128	5802	2.020	ug/l	94
27) Chloroform	5.11	83	25645	1.916	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	20833	1.923	ug/l	99
29) 1,1-Dichloropropene	5.54	75	19925	1.910	ug/l	99
30) Carbon Tetrachloride	5.53	117	16922	1.910	ug/l	96
31) Isopropyl Ether	4.02	45	50093	1.920	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	41279	1.859	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	27963	1.747	ug/l	99
34) Propionitrile	4.84	54	7895m	10.057	ug/l	
35) Benzene	5.78	78	49673	1.925	ug/l	98
36) 1,2-Dichloroethane	5.81	62	18168	1.878	ug/l	100
37) Trichloroethene	6.55	130	10703	1.813	ug/l	98
38) 1,2-Dichloropropane	6.81	63	13303	1.871	ug/l	95
39) Methacrylonitrile	5.01	41	8115	1.962	ug/l	94
40) Methyl acrylate	4.88	55	12645	2.370	ug/l #	90
41) Tetrahydrofuran	5.10	42	9204	4.422	ug/l #	78
42) 1-Chlorobutane	5.47	56	30580	1.868	ug/l	98

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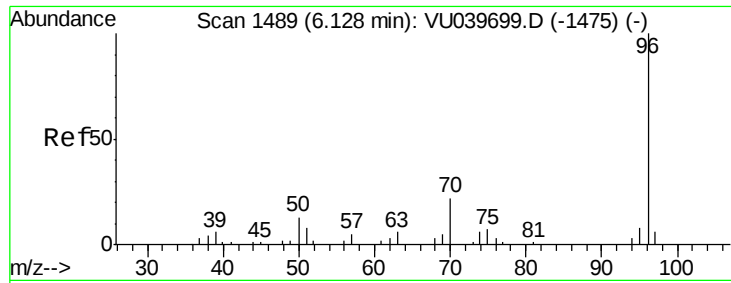
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Manual Integrations
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Quant Time: Jul 31 14:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 14:06:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7128	1.863	ug/l	98
44) Bromodichloromethane	7.12	83	15599	1.778	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	52624	9.078	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	5490m	3.184	ug/l	
47) Methyl methacrylate	6.98	69	12885	3.610	ug/l	97
48) Ethyl methacrylate	8.35	69	11358	1.729	ug/l	97
49) Toluene	7.98	92	26896	1.751	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	12988	1.643	ug/l	91
51) cis-1,3-Dichloropropene	7.62	75	15571	1.676	ug/l	93
52) 1,1,2-Trichloroethane	8.41	97	9189	1.848	ug/l	96
53) 1,3-Dichloropropane	8.58	76	17748	1.859	ug/l	98
54) 2-Hexanone	8.70	43	36485	8.790	ug/l	98
55) Dibromochloromethane	8.82	129	9377	1.756	ug/l	99
56) 1,2-Dibromoethane	8.93	107	9010	1.881	ug/l	100
58) Tetrachloroethene	8.56	164	9276	1.795	ug/l	95
59) Chlorobenzene	9.45	112	27306	1.719	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	9516	1.777	ug/l	99
61) Pentachloroethane	11.42	117	7870	1.673	ug/l	94
62) Hexachloroethane	12.47	117	6680	1.549	ug/l	94
63) Ethyl Benzene	9.57	91	46559	1.636	ug/l	99
64) m/p-Xylenes	9.70	106	36705	3.301	ug/l	99
65) o-Xylene	10.10	106	17576	1.665	ug/l	100
66) Styrene	10.11	104	29462	1.628	ug/l	99
67) Bromoform	10.29	173	4586	1.684	ug/l #	96
69) Isopropylbenzene	10.48	105	46085	1.634	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.79	83	12975	1.813	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	10714m	1.987	ug/l	
72) Bromobenzene	10.78	156	11073	1.729	ug/l	95
73) n-propylbenzene	10.91	120	12935	1.631	ug/l	94
74) 2-Chlorotoluene	10.99	126	11295	1.686	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	40062	1.643	ug/l	99
76) 4-Chlorotoluene	11.10	126	12168	1.754	ug/l	92
77) tert-Butylbenzene	11.42	119	38058	1.627	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	40844	1.634	ug/l	100
79) sec-Butylbenzene	11.64	105	53912	1.620	ug/l	100
80) Nitrobenzene	13.20	77	888	7.332	ug/l #	65
81) p-Isopropyltoluene	11.79	119	41878	1.561	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	23088	1.675	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	23435	1.690	ug/l	99
84) n-Butylbenzene	12.20	91	42048	1.476	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	22184	1.670	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2053	1.703	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	12482	1.502	ug/l	98
88) Hexachlorobutadiene	14.01	225	5913	1.567	ug/l	98
89) Naphthalene	14.08	128	26669	1.500	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	12422	1.584	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

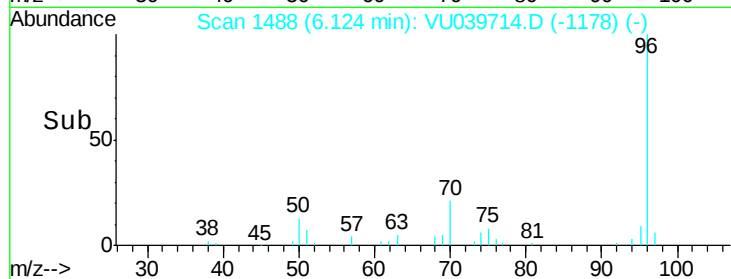
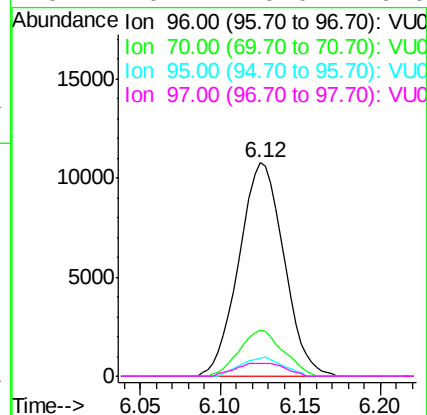
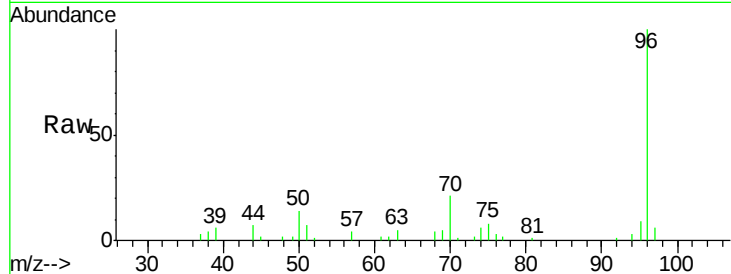
ClientSampleId :

VU0729WBSD01

Tot Ion: 96 Resp: 20622

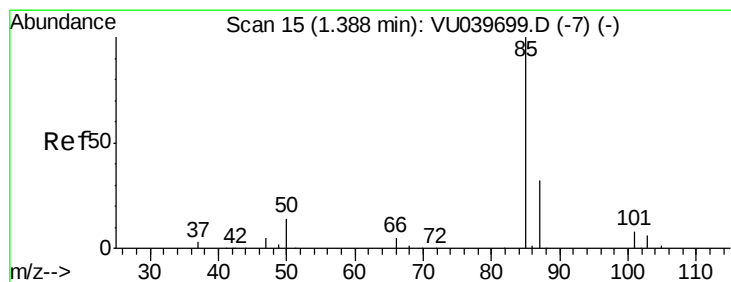
Ion	Ratio	Lower	Upper
96	100		
70	21.2	16.3	24.5
95	8.2	6.8	10.2
97	6.7	0.0	0.0#

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 1.761 ug/l

RT: 1.39 min Scan# 15

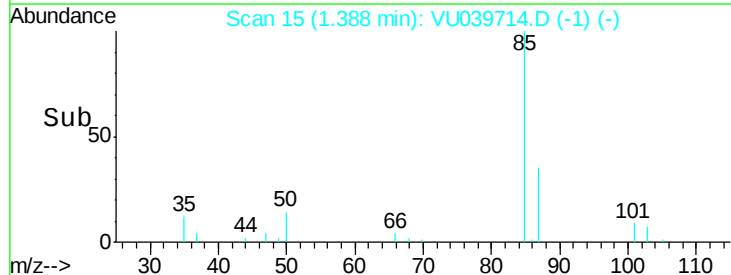
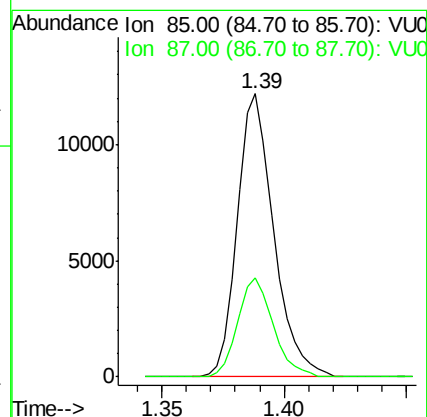
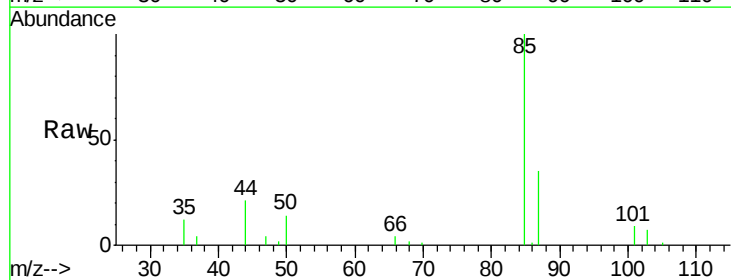
Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tgt Ion: 85 Resp: 12616

Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.2	48.6





#3

Chloromethane

Concen: 2.048 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

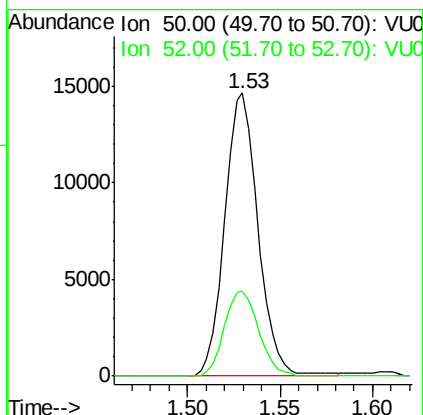
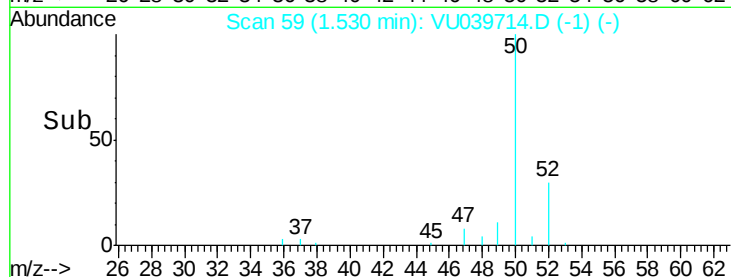
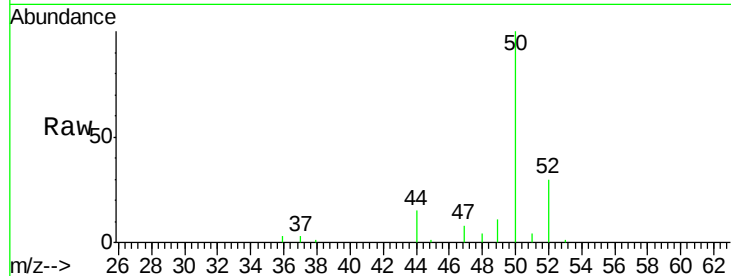
Tot Ion: 50 Resp: 18229

Ion Ratio Lower Upper

50 100

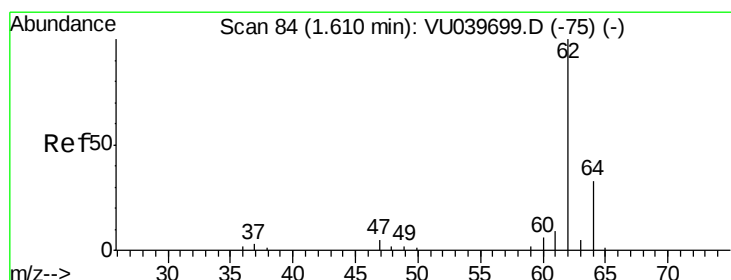
52 30.1 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 1.940 ug/l

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039714.D

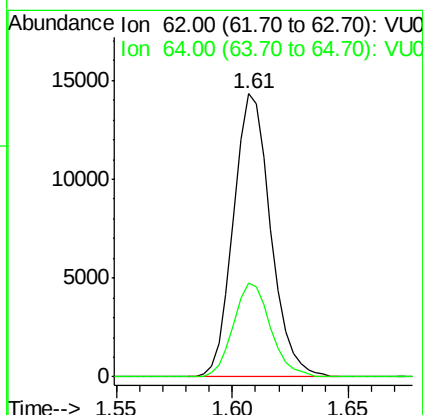
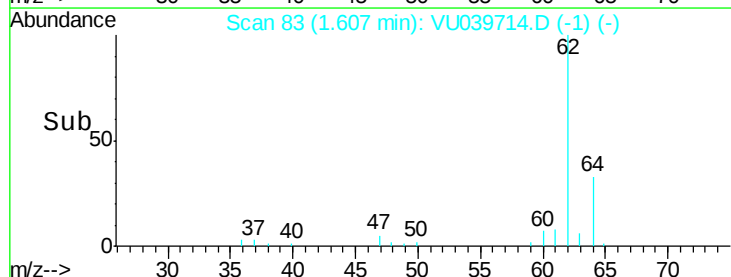
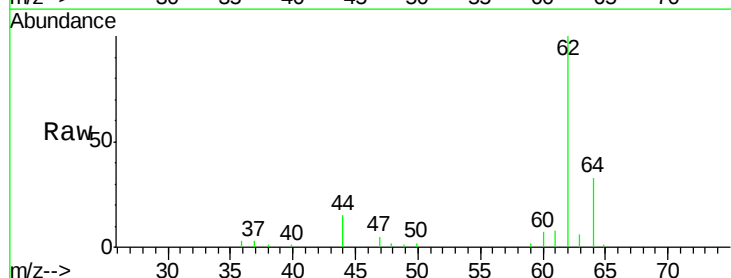
Acq: 29 Jul 2020 20:24

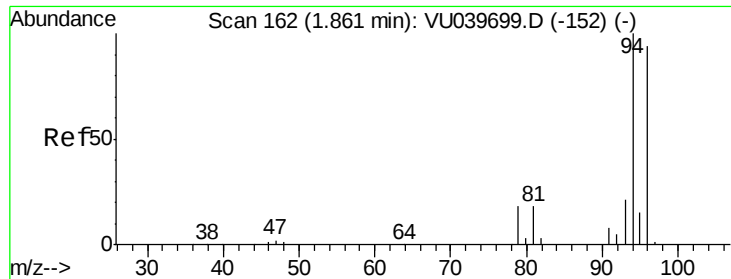
Tgt Ion: 62 Resp: 15918

Ion Ratio Lower Upper

62 100

64 33.2 26.0 39.0



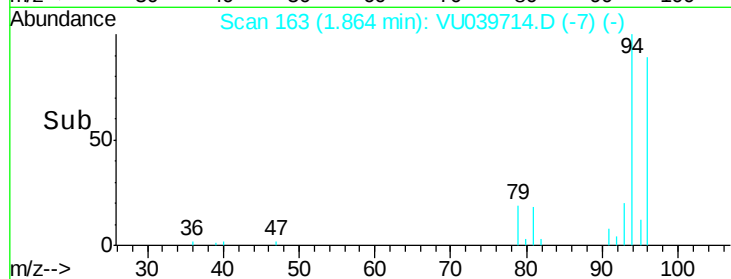
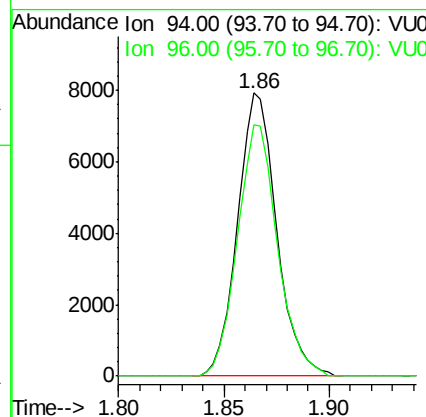
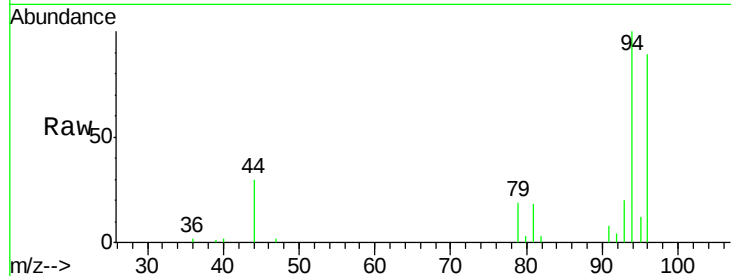


#5
Bromomethane
Concen: 1.816 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

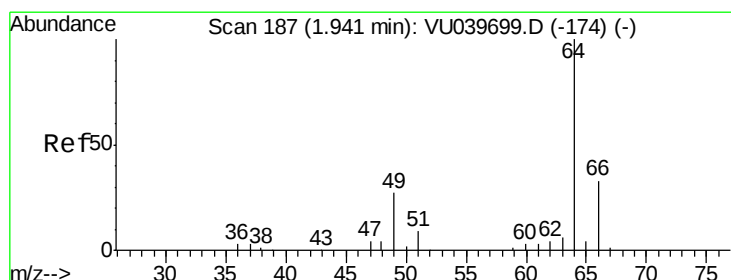
Tot Ion: 94 Resp: 10188
Ion Ratio Lower Upper
94 100
96 88.7 75.0 112.6

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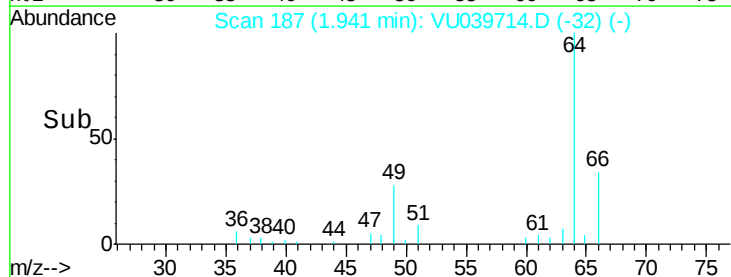
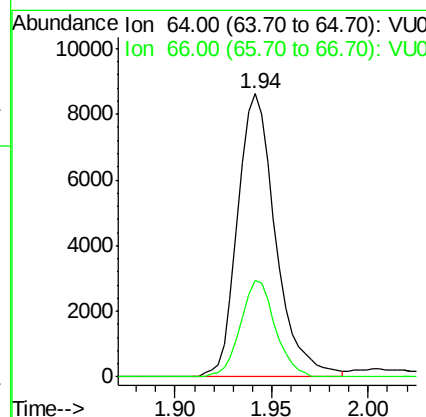
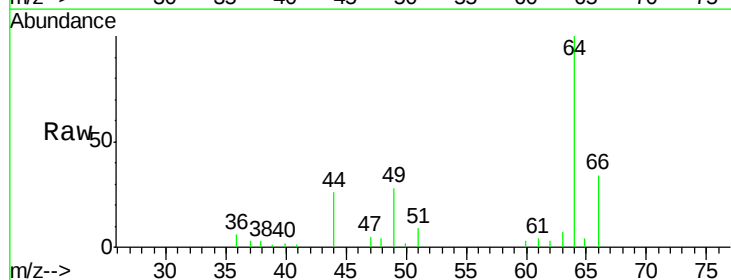
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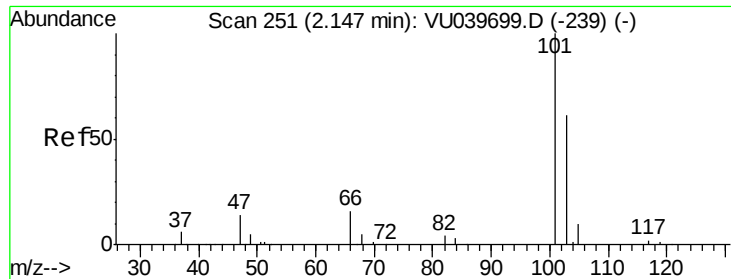
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#6
Chloroethane
Concen: 2.073 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 64 Resp: 11801
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.2





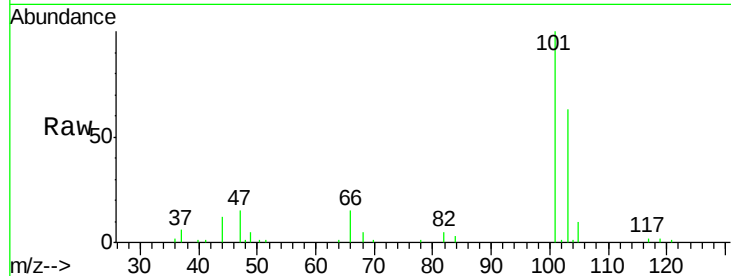
#7

Trichlorofluoromethane
Concen: 2.047 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

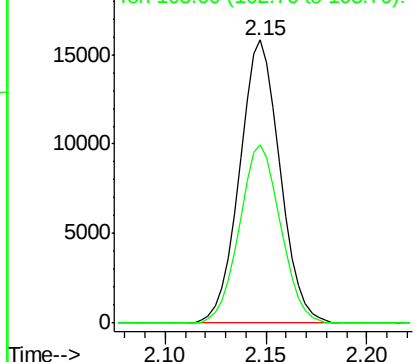
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	48.8	73.2

Manual Integrations
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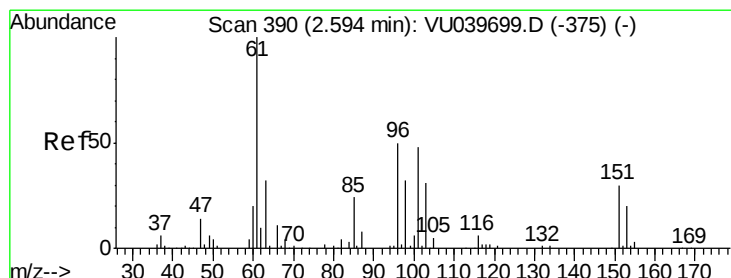
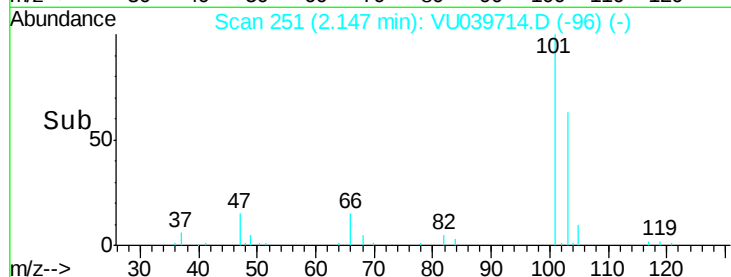


Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



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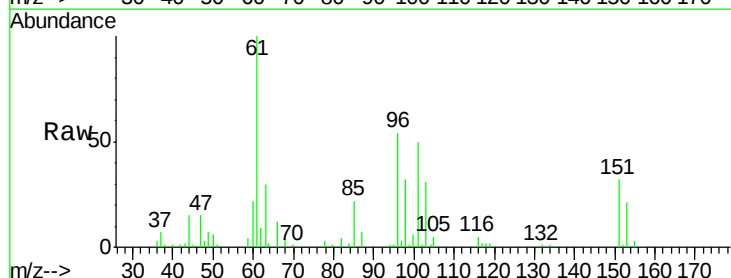
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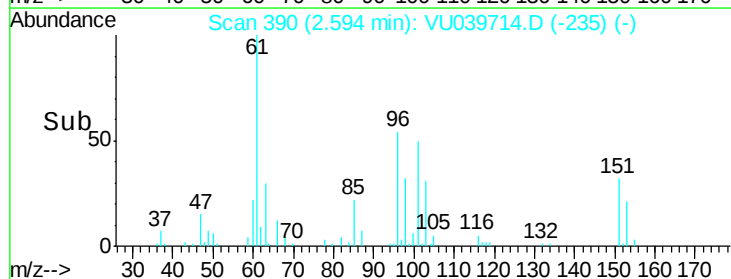
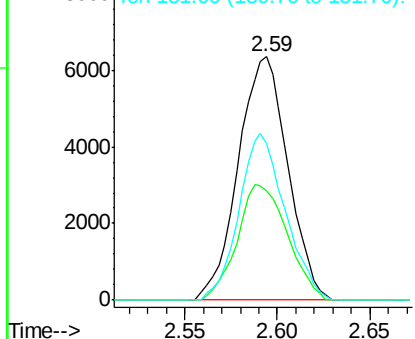
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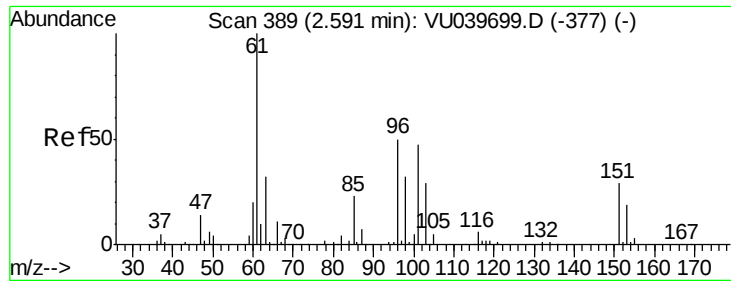
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.890 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.9	39.9	59.9
151	63.8	51.0	76.4



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU0
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.898 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

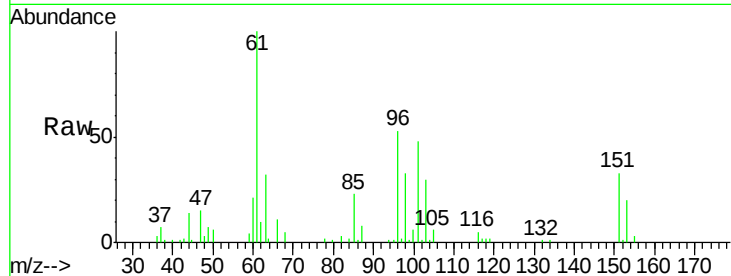
MSVOA_U

ClientSampleId :

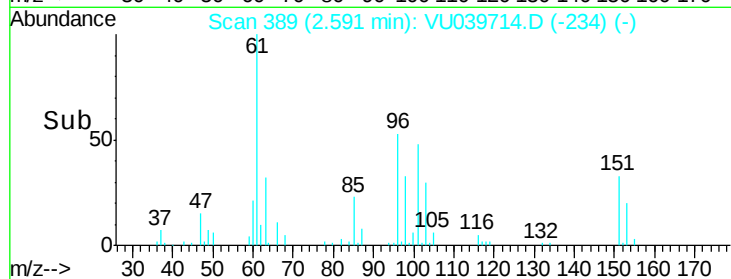
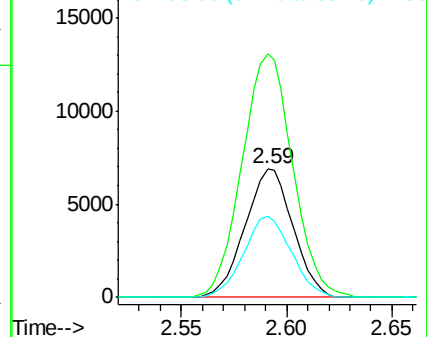
VU0729WBSD01

Tot Ion:	96	Resp:	10876
Ion	Ratio	Lower	Upper
96	100		
61	189.1	0.0	604.5
98	63.4	0.0	127.2

Manual Integrations
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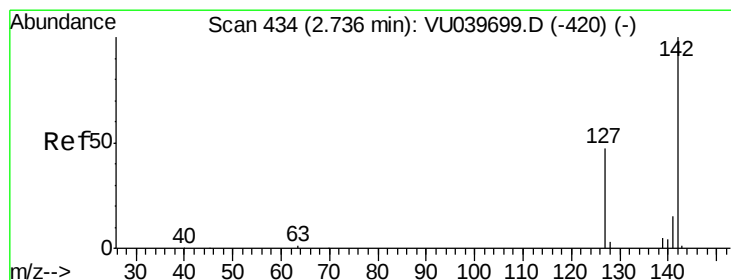


Abundance Ion 96.00 (95.70 to 96.70): VU039714.D (-234) (-)



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#10

Iodomethane

Concen: 2.259 ug/l

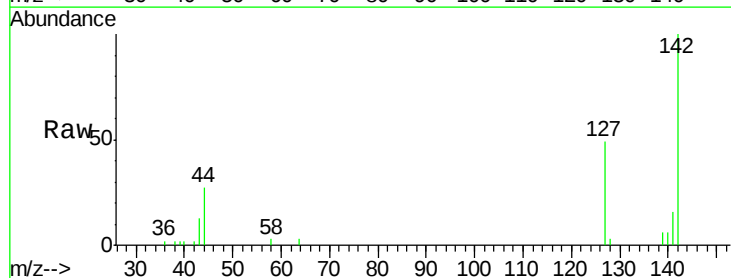
RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

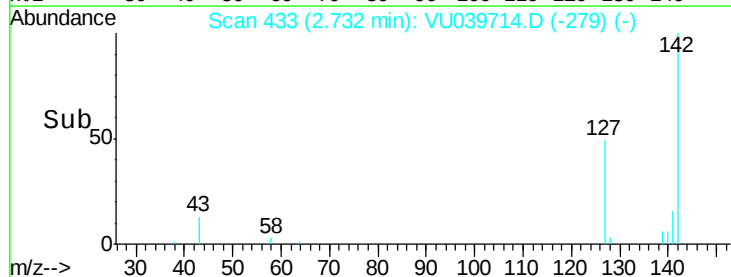
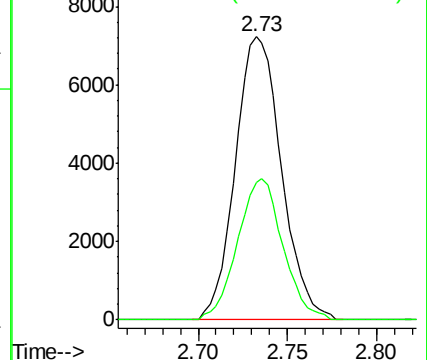
Lab File: VU039714.D

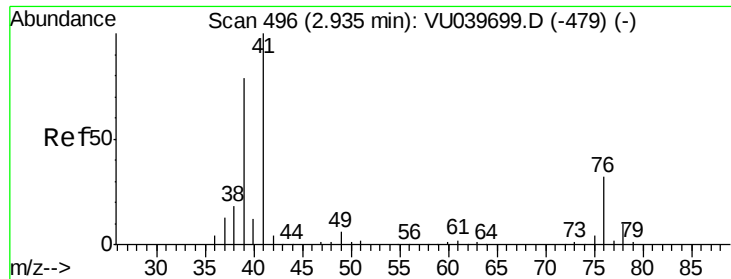
Acq: 29 Jul 2020 20:24

Tgt Ion:	142	Resp:	13055
Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.4	57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039714.D (-279) (-)



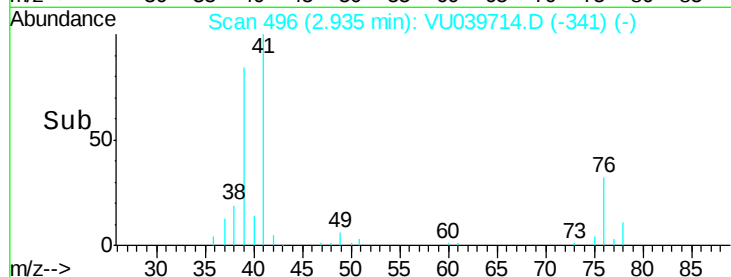
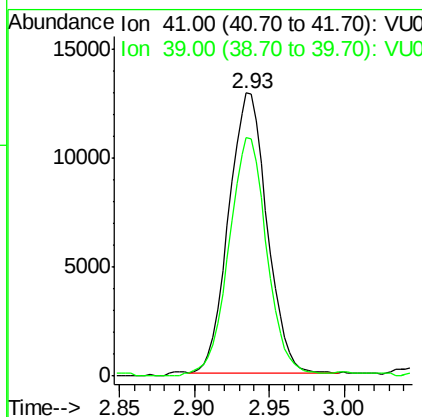
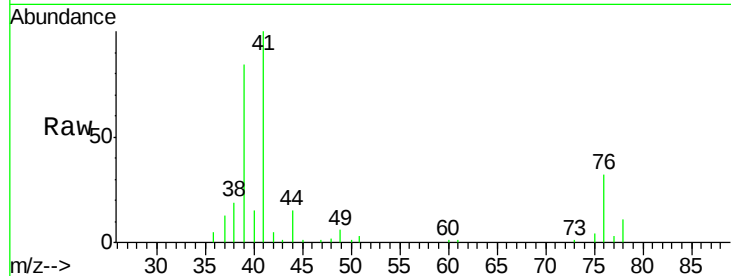


#11
Allvl Chloride
Concen: 1.849 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

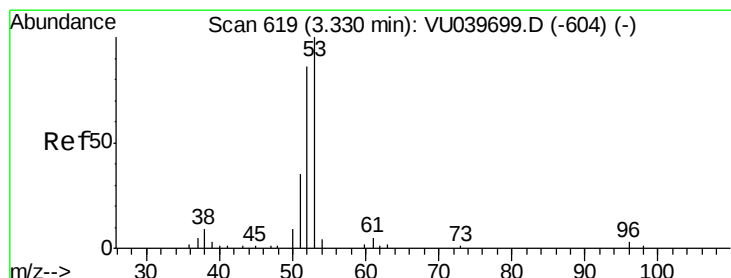
Tot Ion	41	Resp	22851
Ion Ratio	100	Lower	Upper
39	85.1	64.2	96.2

Manual Integrations
APPROVED



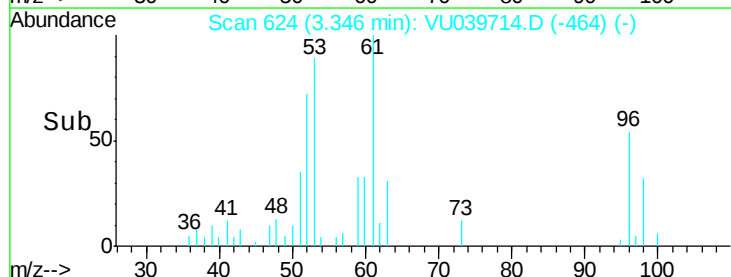
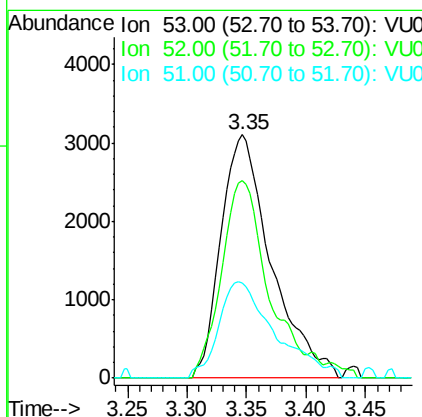
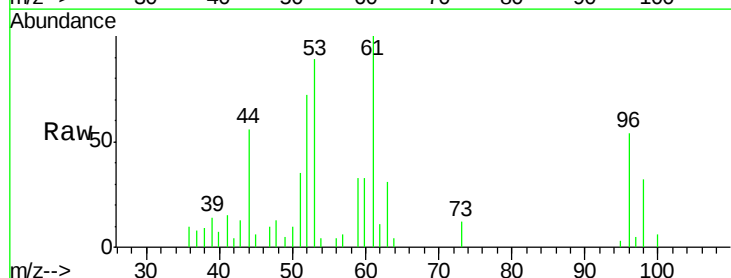
MMDadoda

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#12
Acrylonitrile
Concen: 4.515 ug/l
RT: 3.35 min Scan# 624
Delta R.T. 0.02 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	53	Resp	9081
Ion Ratio	100	Lower	Upper
52	76.5	69.1	103.7
51	44.5	29.4	44.2#





#13

Acetone

Concen: 10.277 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.03 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

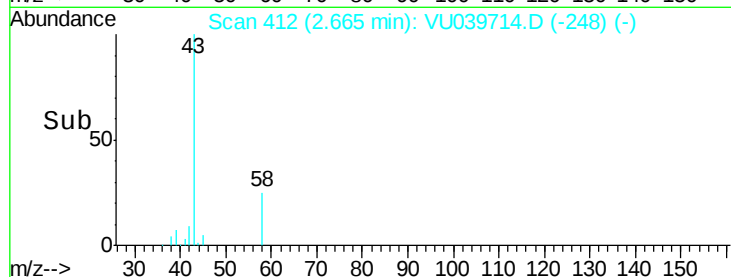
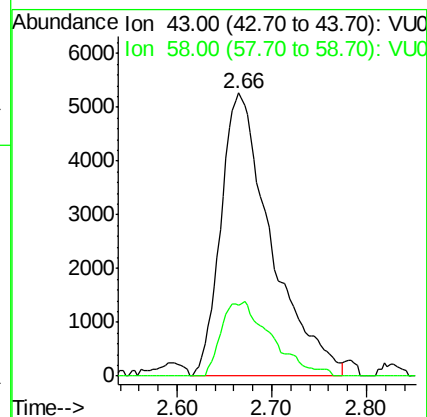
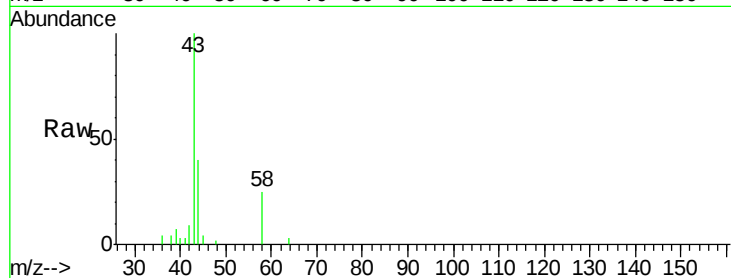
Tot Ion: 43 Resp: 19448

Ion Ratio Lower Upper

43 100

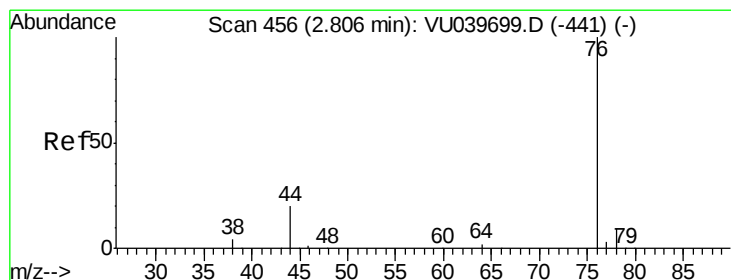
58 24.8 21.8 32.6

Manual Integrations
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#14

Carbon Disulfide

Concen: 1.852 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039714.D

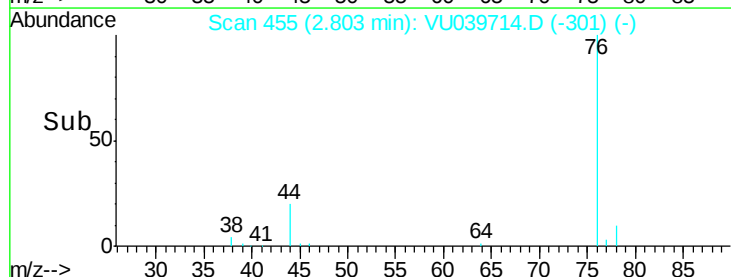
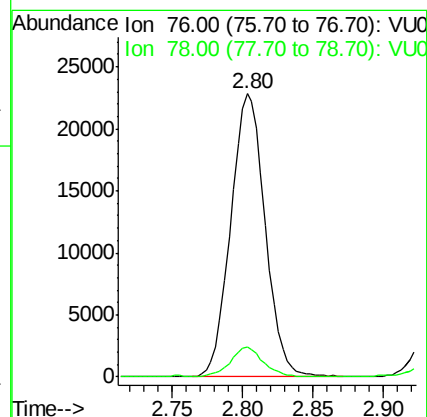
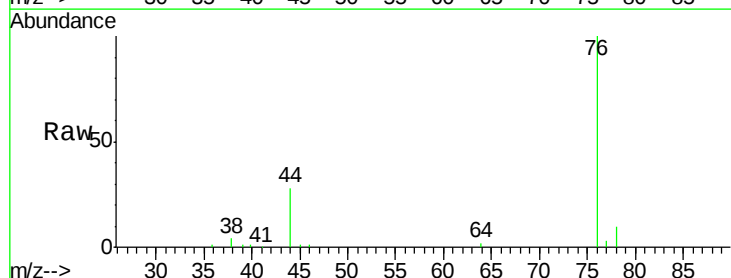
Acq: 29 Jul 2020 20:24

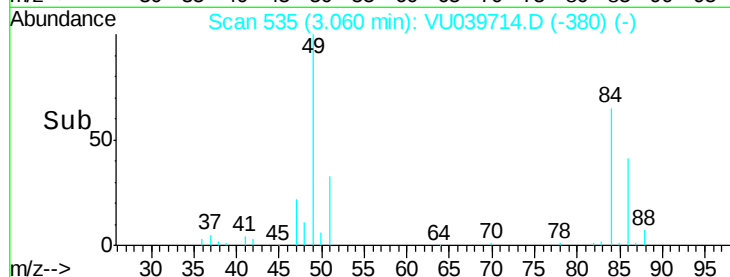
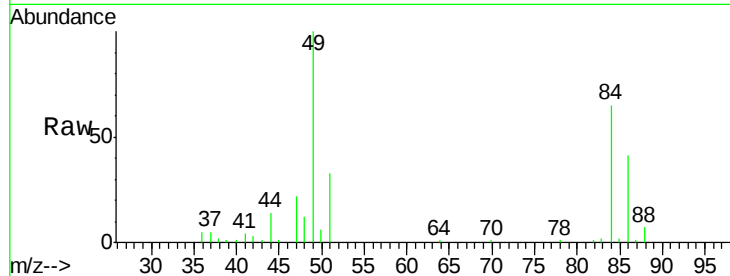
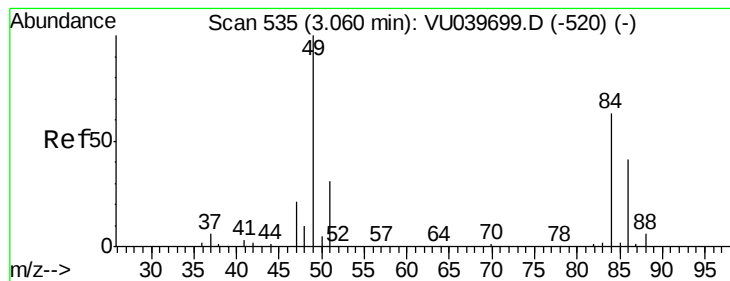
Tgt Ion: 76 Resp: 38906

Ion Ratio Lower Upper

76 100

78 10.4 7.0 10.6





#15

Methylene Chloride

Concen: 1.842 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

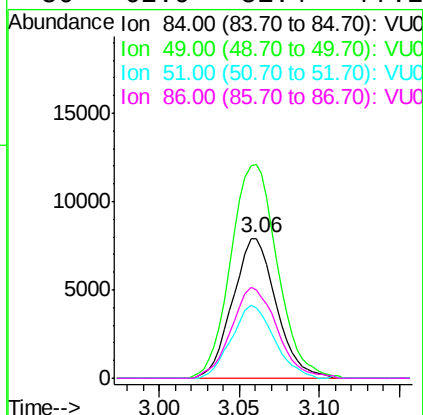
Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tot Ion:	84	Resp:	14714
Ion	Ratio	Lower	Upper
84	100		
49	153.0	126.8	190.2
51	50.7	0.0	97.2
86	62.9	51.4	77.2

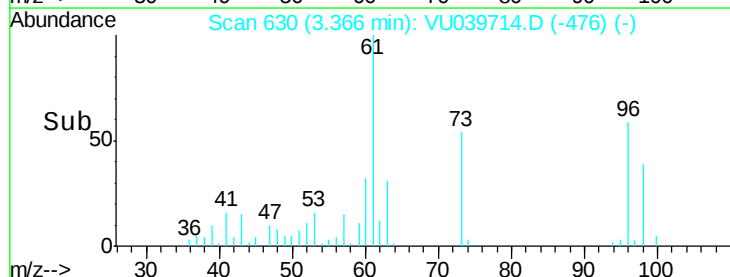
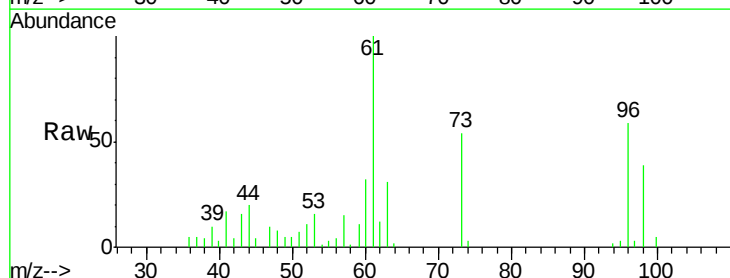
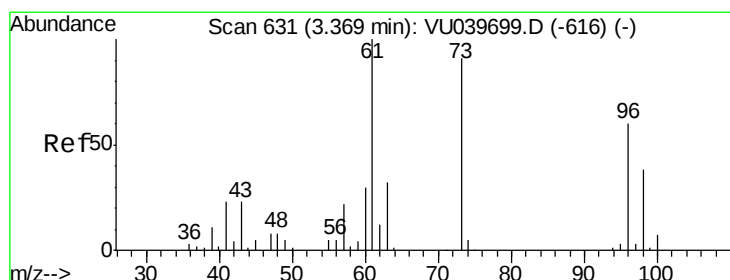
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Manual Integrations
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#16

trans-1,2-Dichloroethene

Concen: 1.843 ug/l

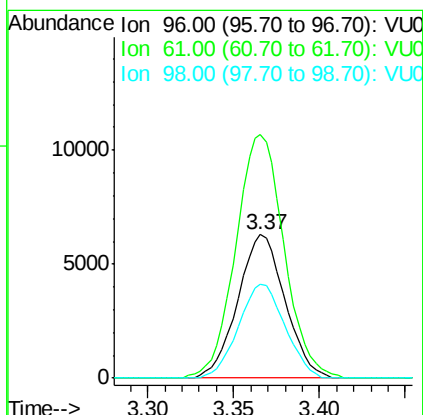
RT: 3.37 min Scan# 630

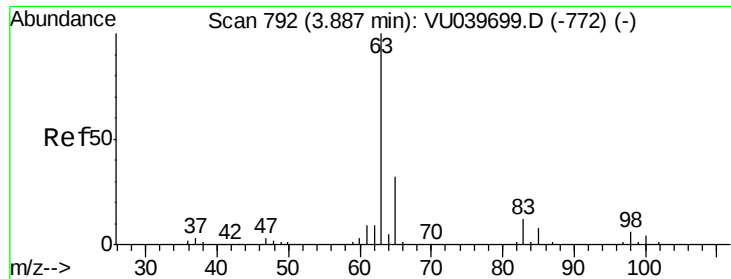
Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tgt Ion:	96	Resp:	12005
Ion	Ratio	Lower	Upper
96	100		
61	167.9	132.6	199.0
98	65.7	50.2	75.2



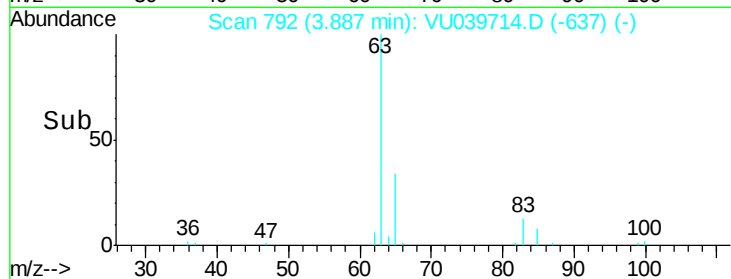
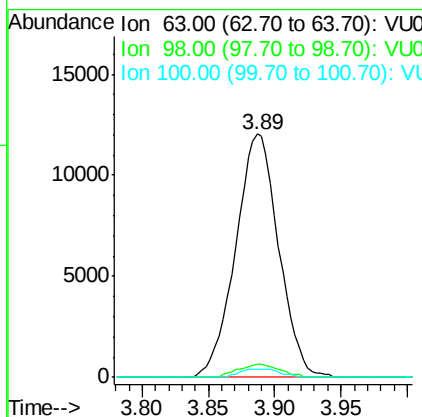
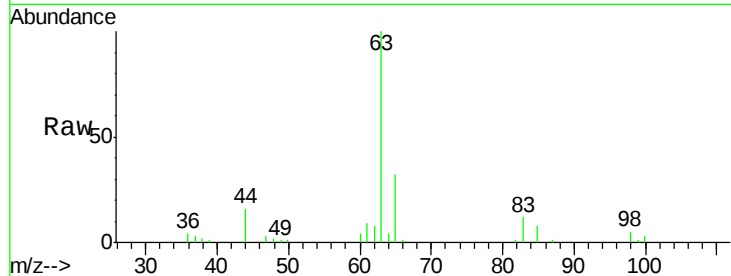


#17
 1,1-Dichloroethane
 Concen: 1.902 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

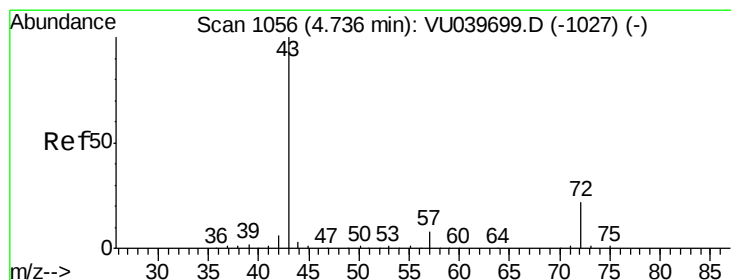
Tot Ion:	63	Resp:	27206
Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.9	8.7
100	3.3	2.0	6.0

Manual Integrations
 APPROVED



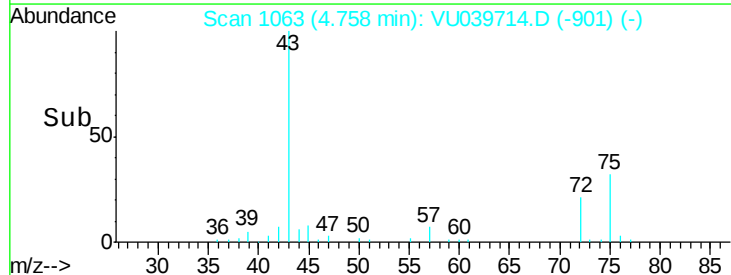
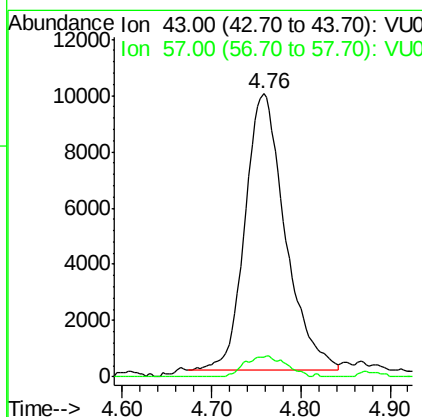
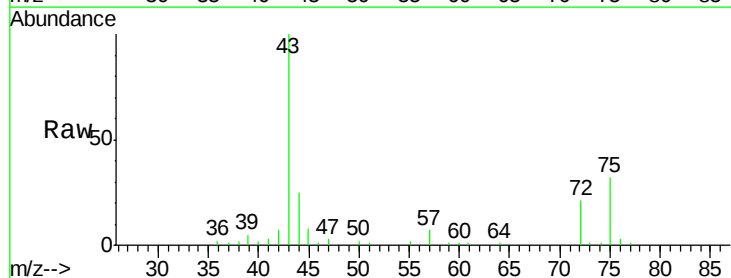
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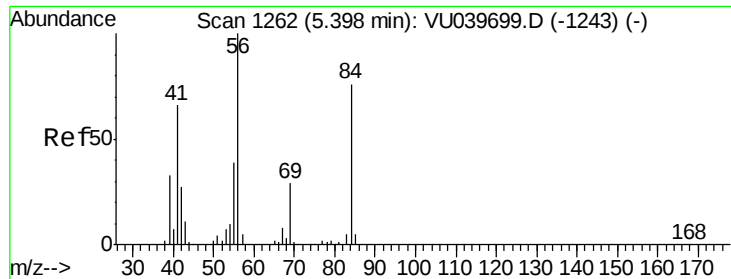
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#18
 2-Butanone
 Concen: 9.718 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:	43	Resp:	30926
Ion	Ratio	Lower	Upper
43	100		
57	7.2	0.0	15.2



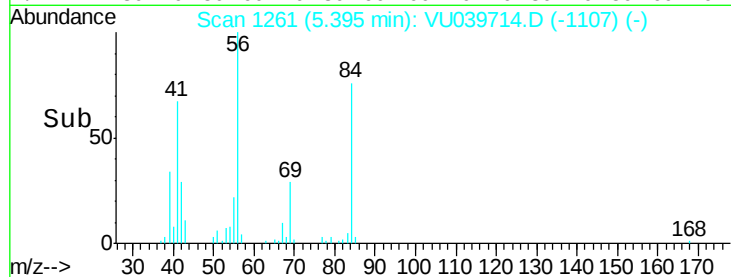
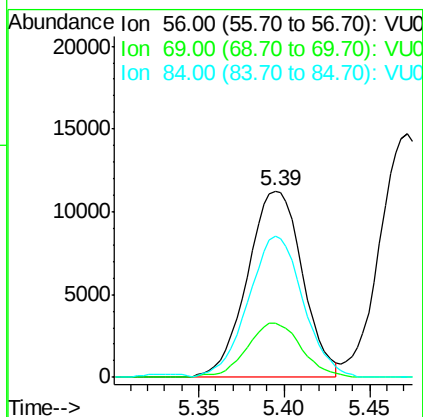
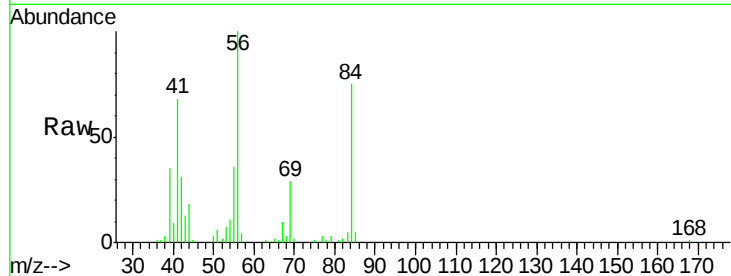


#19
Cyclohexane
Concen: 1.814 ug/l m
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

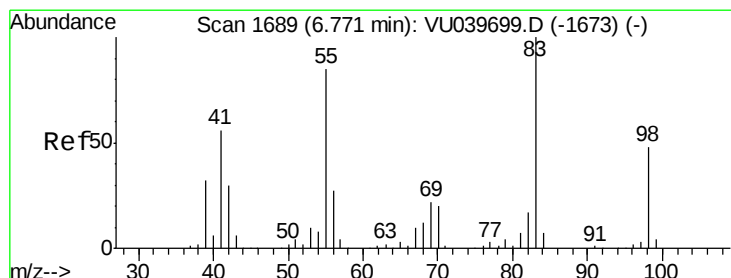
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.8	34.2
84	75.5	59.9	89.9

Manual Integrations
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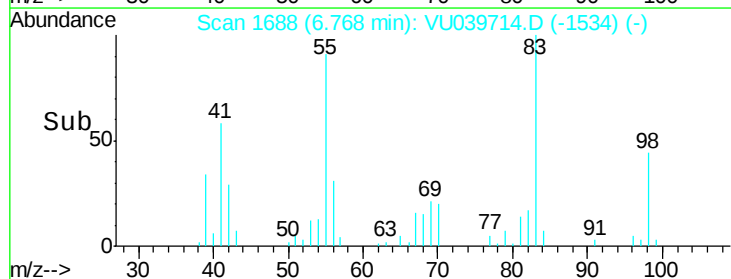
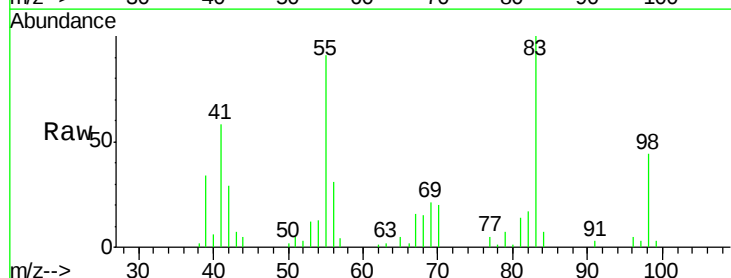
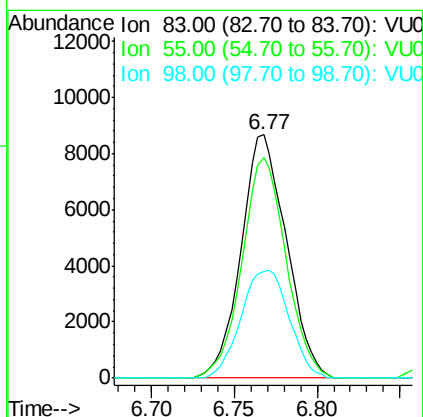
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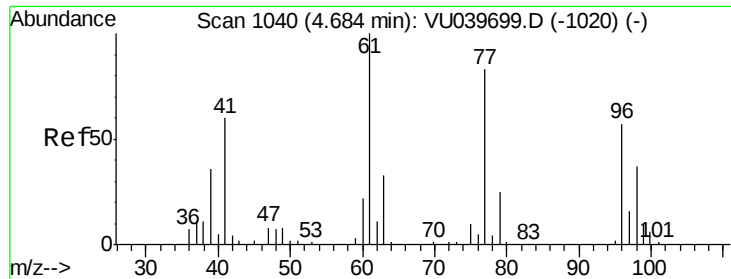
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#20
Methylcyclohexane
Concen: 1.608 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.9	67.6	101.4
98	47.0	37.3	55.9



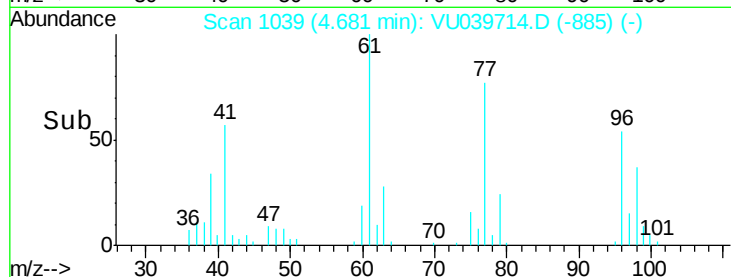
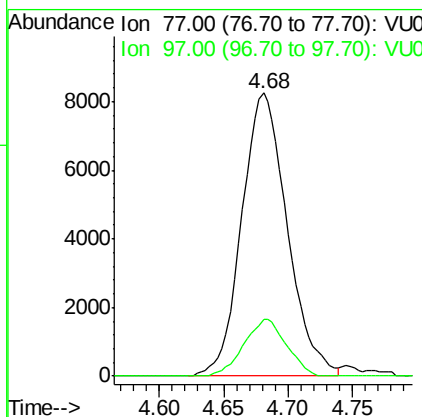
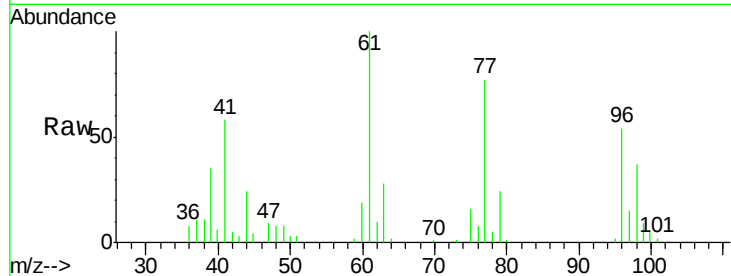


#21
 2,2-Dichloropropane
 Concen: 1.740 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

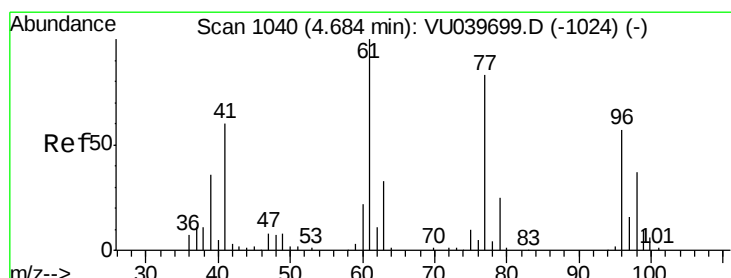
Tot Ion: 77 Resp: 20303
 Ion Ratio Lower Upper
 77 100
 97 18.8 15.2 22.8

Manual Integrations
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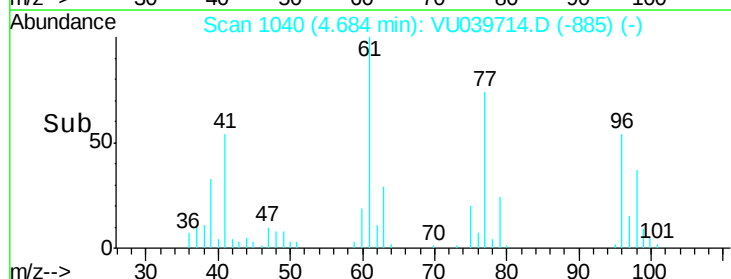
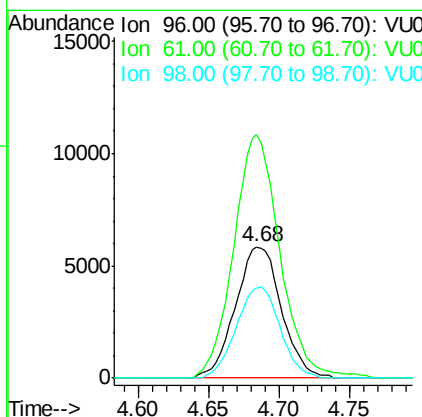
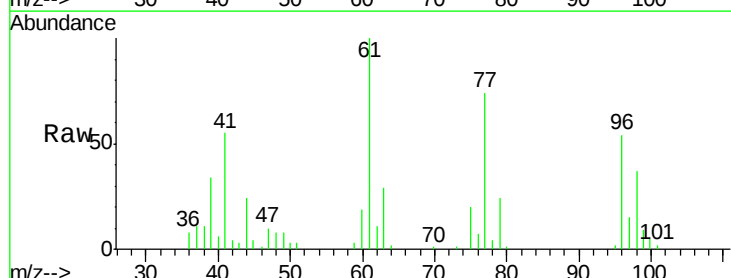
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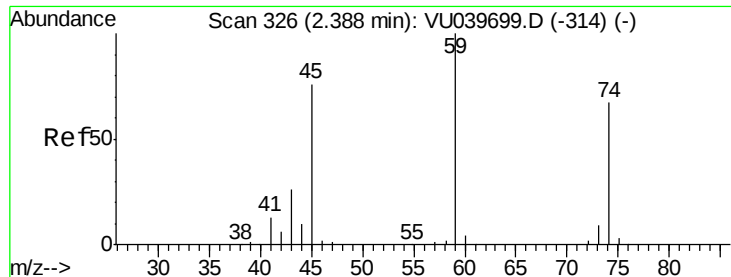
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#22
 cis-1,2-Dichloroethene
 Concen: 1.898 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion: 96 Resp: 13324
 Ion Ratio Lower Upper
 96 100
 61 186.6 0.0 451.3
 98 66.1 32.6 98.0





#23

Diethyl Ether

Concen: 1.892 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

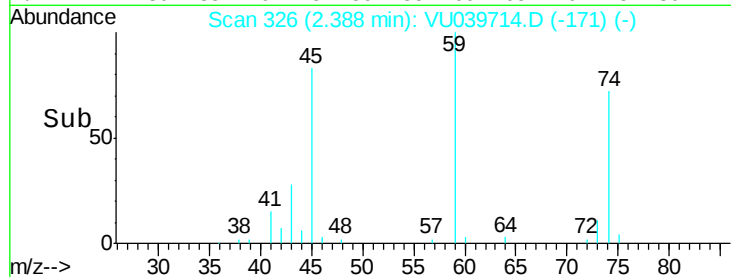
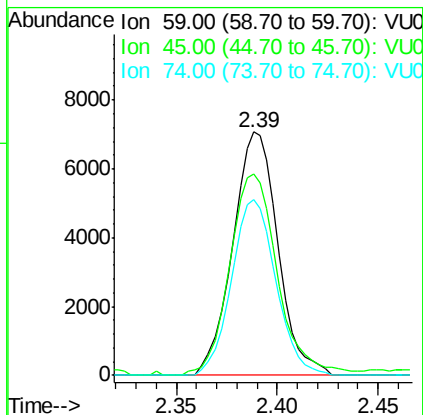
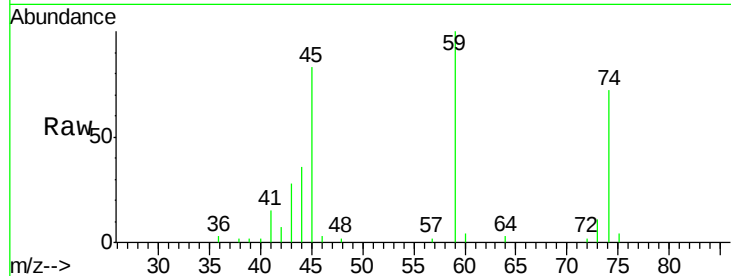
MSVOA_U

ClientSampleId :

VU0729WBSD01

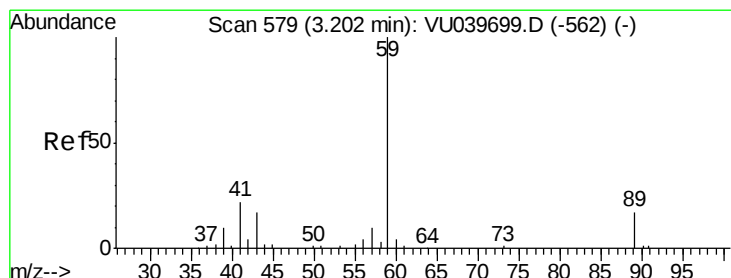
Tot Ion:	59	Resp:	11084
Ion	Ratio	Lower	Upper
59	100		
45	87.9	61.5	92.3
74	70.9	54.3	81.5

Manual Integrations
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#24

tert-Butyl Alcohol

Concen: 15.090 ug/l m

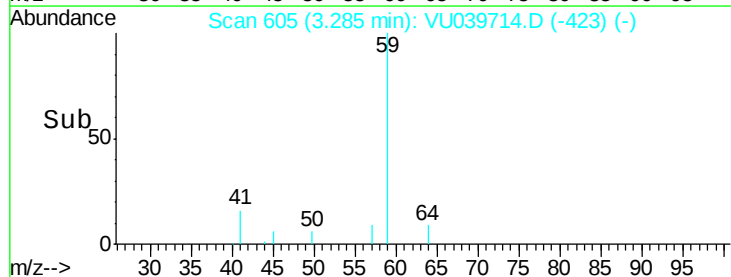
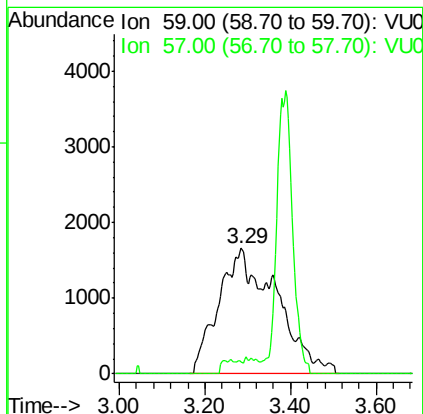
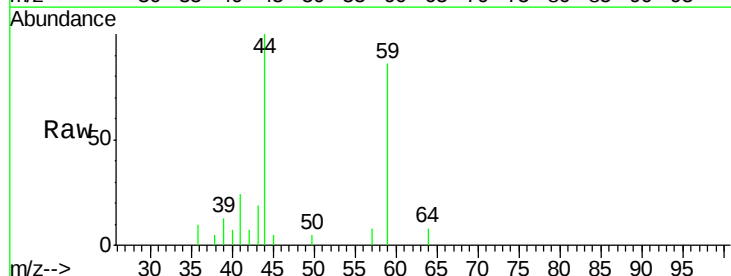
RT: 3.29 min Scan# 605

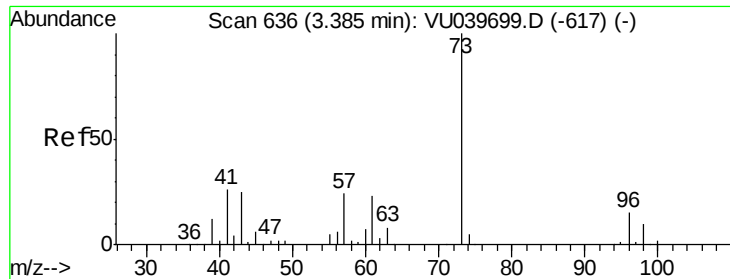
Delta R.T. 0.08 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tgt Ion:	59	Resp:	15460
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



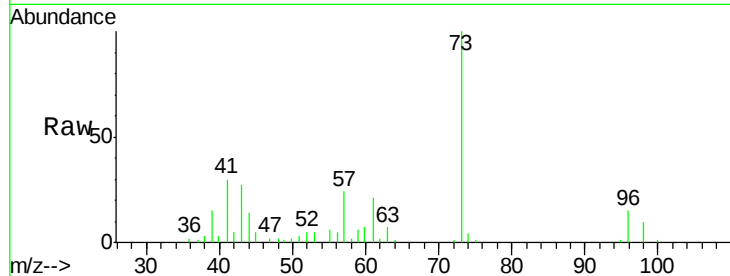


#25
Methvl tert-Butvl Ether
Concen: 1.912 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

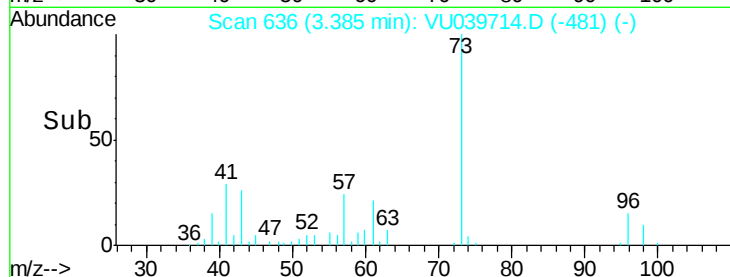
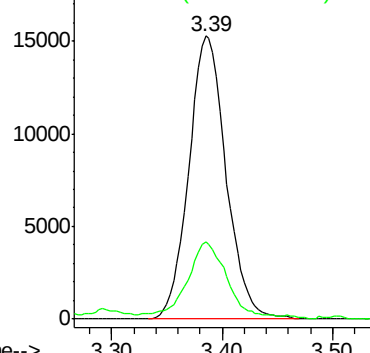
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion: 73 Resp: 35744
Ion Ratio Lower Upper
73 100
43 26.2 20.1 30.1

Manual Integrations
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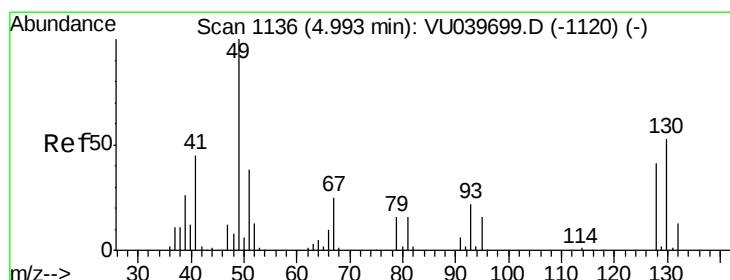


Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)
Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)



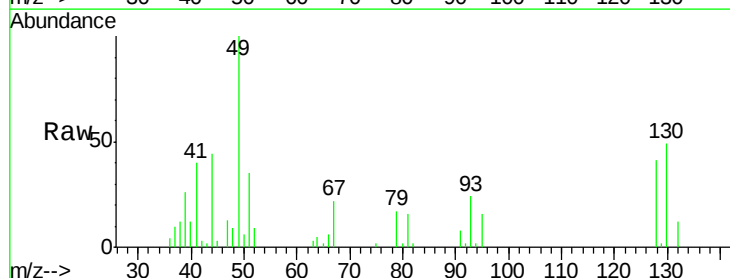
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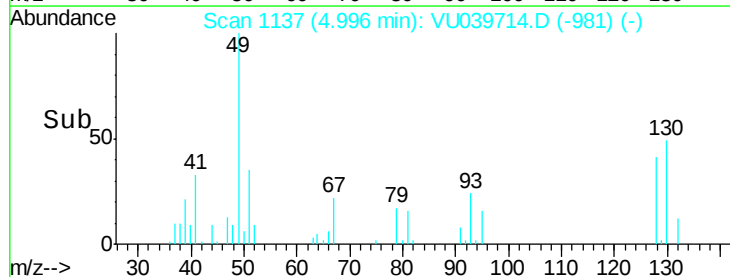
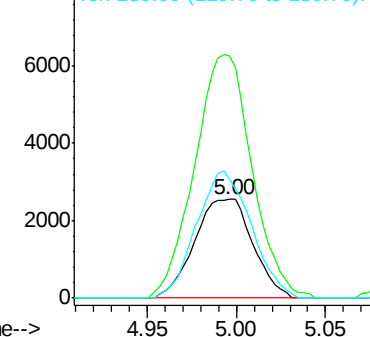


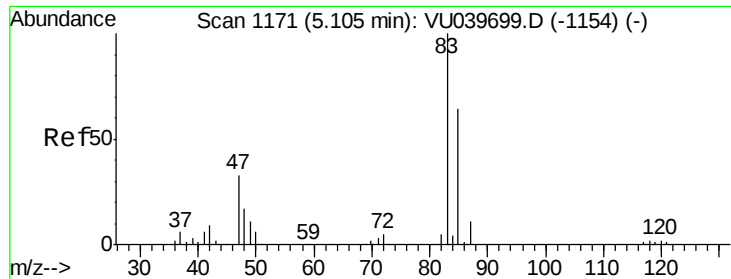
#26
Bromochloromethane
Concen: 2.020 ug/l
RT: 5.00 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 128 Resp: 5802
Ion Ratio Lower Upper
128 100
49 242.8 0.0 503.8
130 121.1 102.7 154.1



Abundance Ion 128.00 (127.70 to 128.70): VU039699.D (-1120) (-)
Ion 49.00 (48.70 to 49.70): VU039699.D (-1120) (-)
Ion 130.00 (129.70 to 130.70): VU039699.D (-1120) (-)



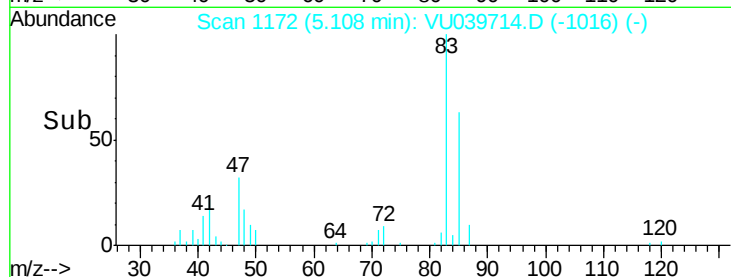
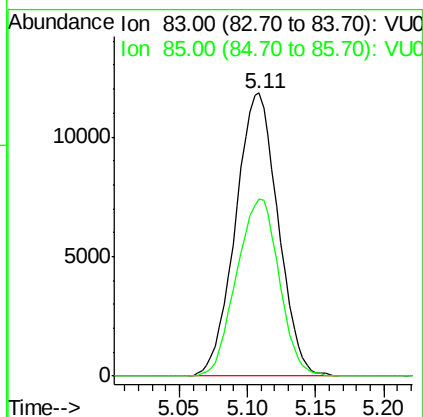
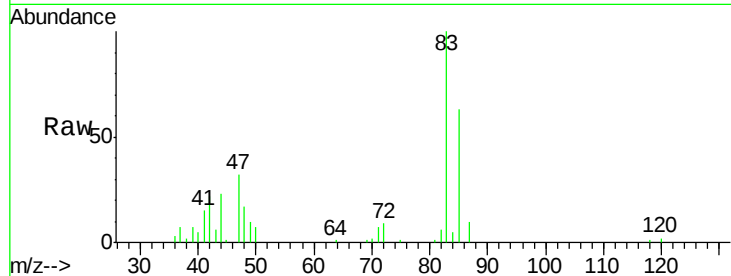


#27
Chloroform
Concen: 1.916 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

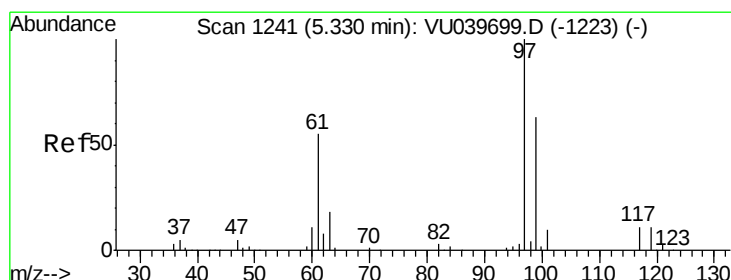
Tot Ion: 83 Resp: 25645
Ion Ratio Lower Upper
83 100
85 62.7 0.0 128.8

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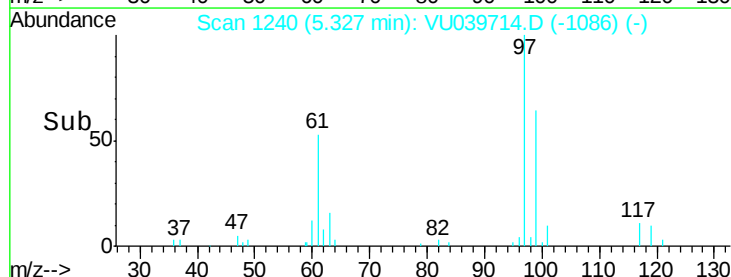
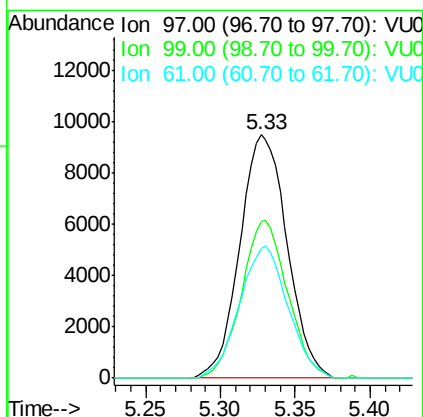
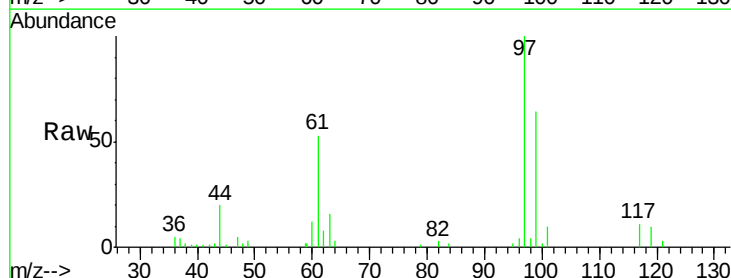
MMDadoda

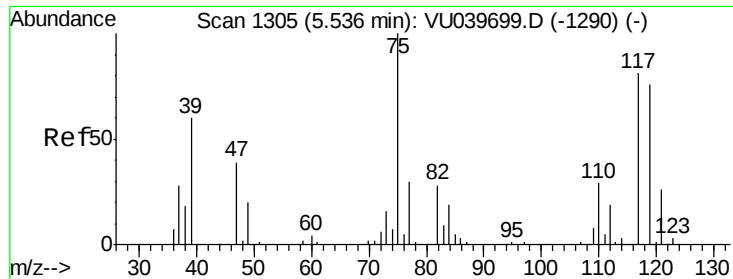
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#28
1,1,1-Trichloroethane
Concen: 1.923 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 97 Resp: 20833
Ion Ratio Lower Upper
97 100
99 63.1 32.2 96.6
61 55.8 28.3 85.0



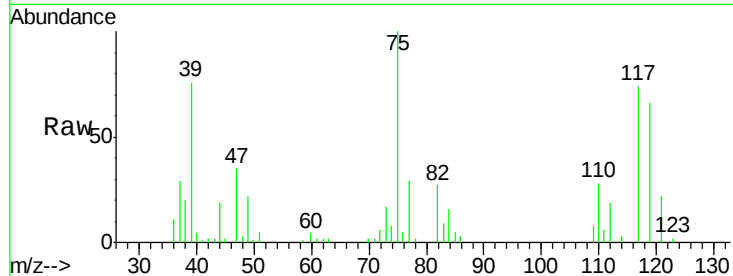


#29
1,1-Dichloropropene
Concen: 1.910 ug/l
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	28.9	14.6	44.0
77	30.4	25.0	37.4

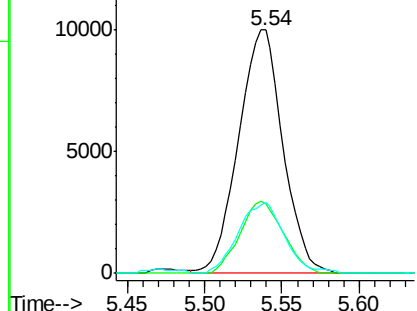
Manual Integrations
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Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-1290) (-)

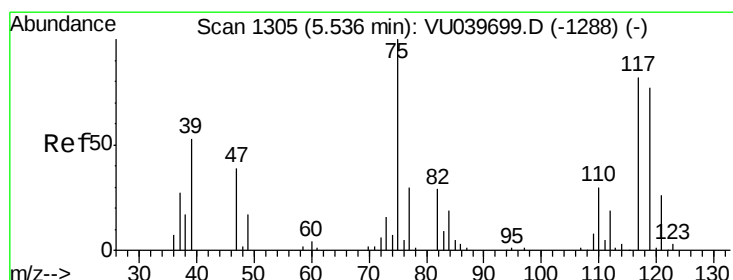
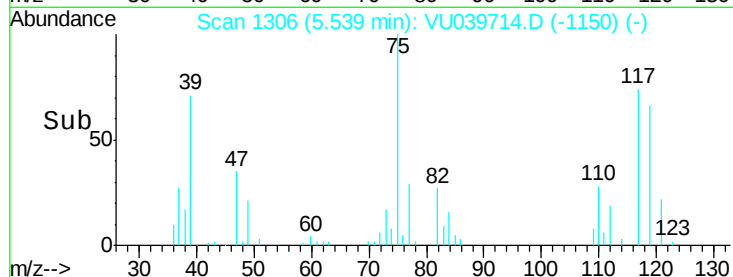
Ion 110.00 (109.70 to 110.70): VU039699.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1290) (-)



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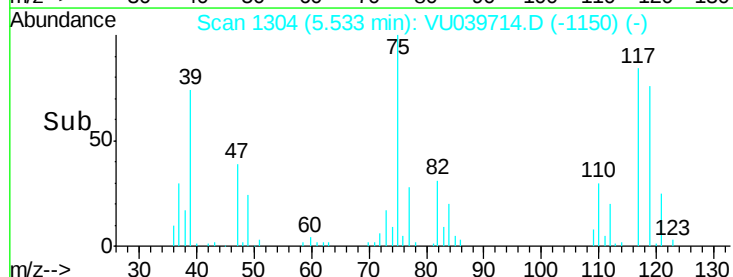
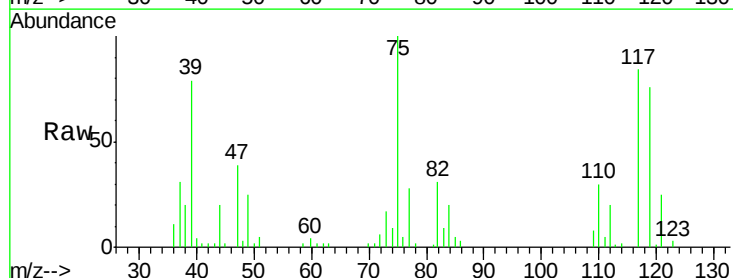
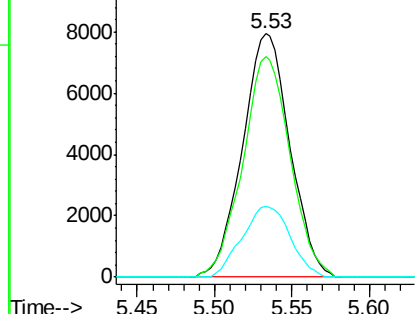
#30
Carbon Tetrachloride
Concen: 1.910 ug/l
RT: 5.53 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

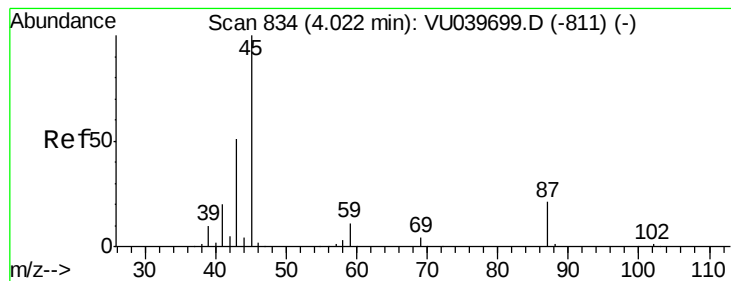
Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.2	112.8
121	29.2	25.4	38.2

Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

Ion 119.00 (118.70 to 119.70): VU039699.D (-1288) (-)

Ion 121.00 (120.70 to 121.70): VU039699.D (-1288) (-)





#31

Isopropyl Ether

Concen: 1.920 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

Tot Ion: 45 Resp: 50093

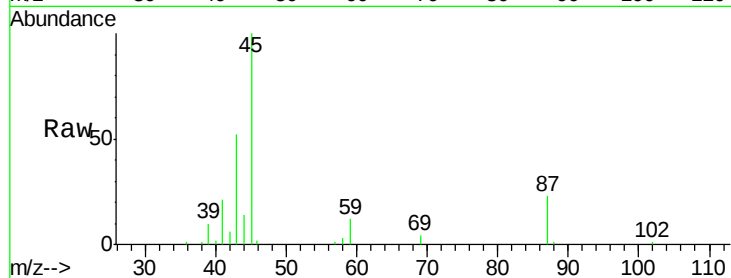
Ion Ratio Lower Upper

45 100

43 52.0 26.5 79.4

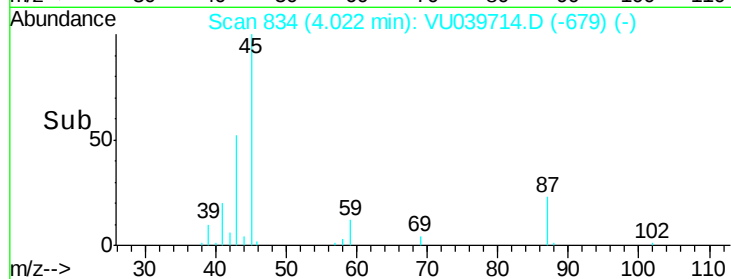
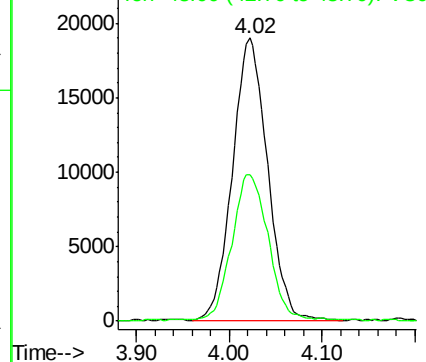
Manual Integrations

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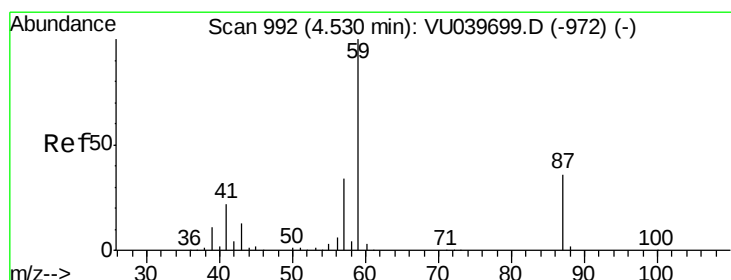
Abundance Ion 45.00 (44.70 to 45.70): VU039714.D (-679) (-)

Ion 43.00 (42.70 to 43.70): VU039714.D (-679) (-)



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#32

Ethyl-t-butyl ether

Concen: 1.859 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039714.D

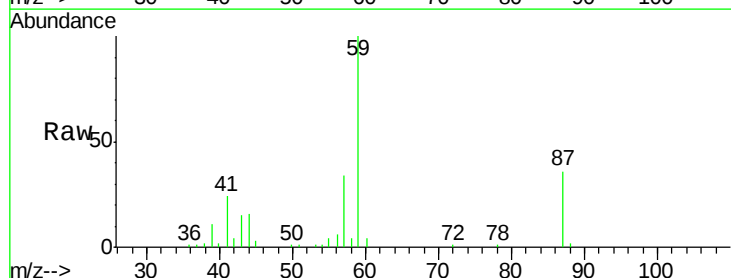
Acq: 29 Jul 2020 20:24

Tgt Ion: 59 Resp: 41279

Ion Ratio Lower Upper

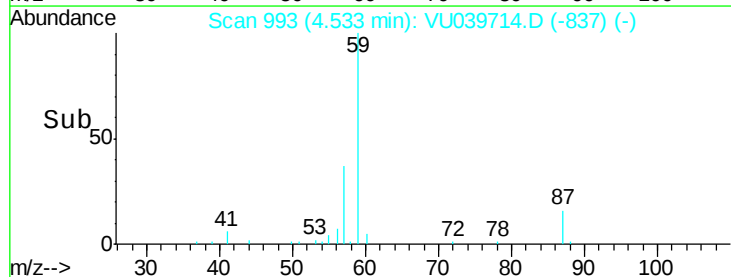
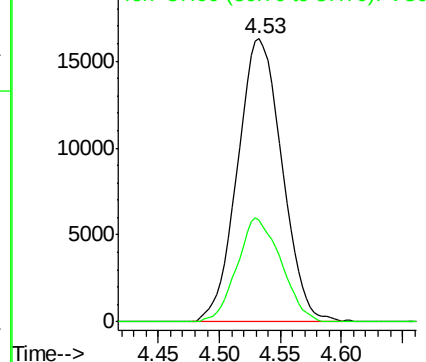
59 100

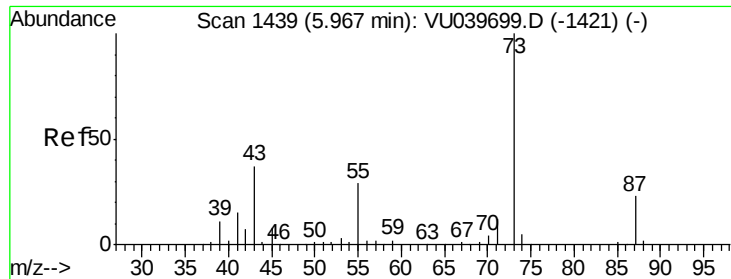
87 36.1 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039714.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU039714.D (-837) (-)



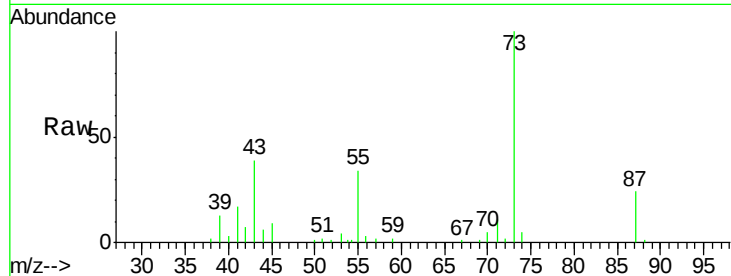


#33
Tert-Amvl methvl ether
Concen: 1.747 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

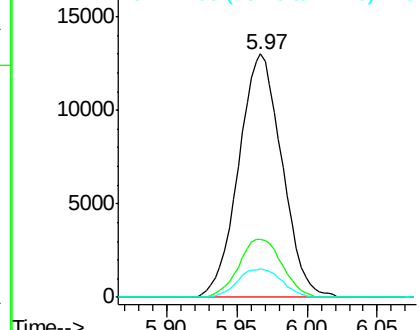
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.8	18.7	28.1
71	12.0	9.1	13.7

Manual Integrations
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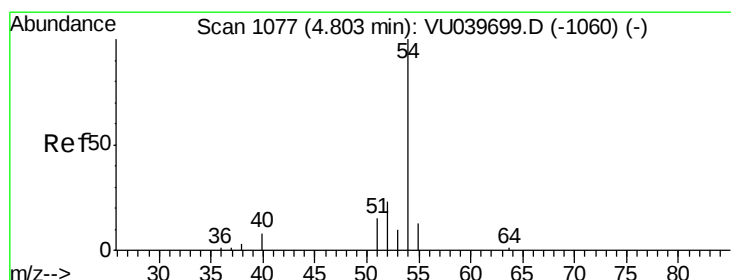
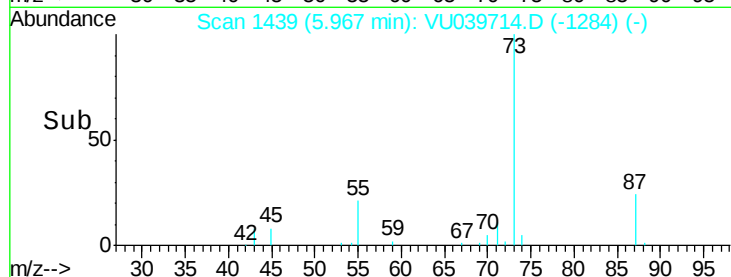


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



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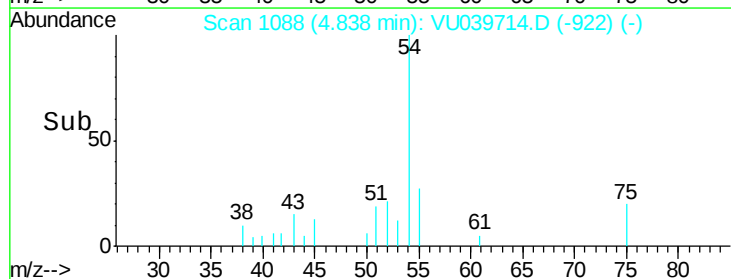
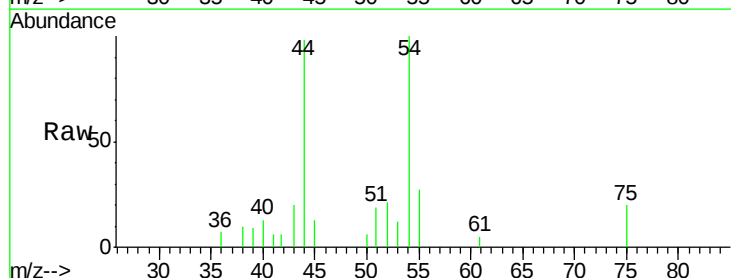
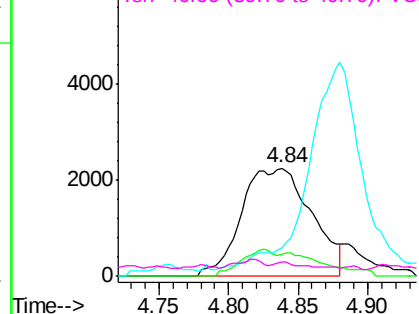
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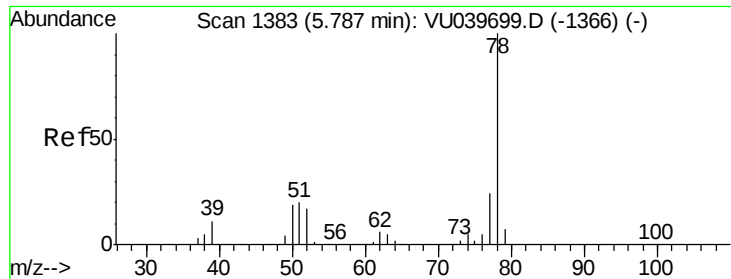


#34
Propionitrile
Concen: 10.057 ug/l m
RT: 4.84 min Scan# 1088
Delta R.T. 0.04 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
54	100		
52	12.1	16.9	25.3#
55	0.0	12.9	19.3#
40	2.8	6.2	9.2#

Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0



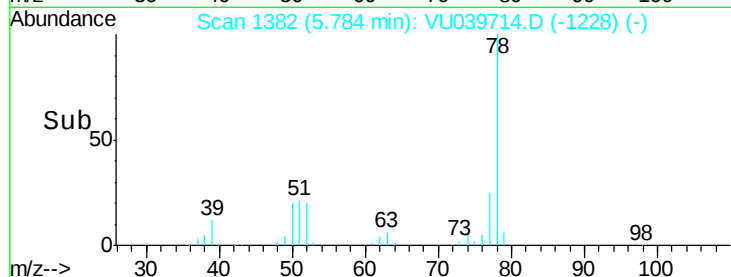
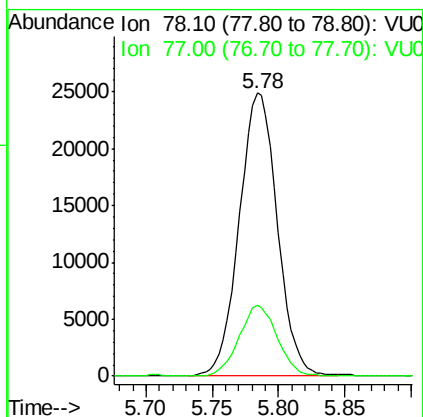
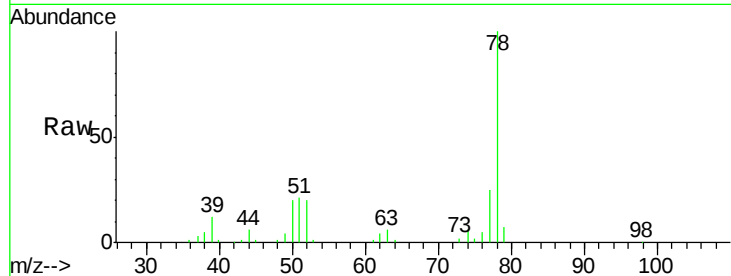


#35
Benzene
Concen: 1.925 ug/l
RT: 5.78 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

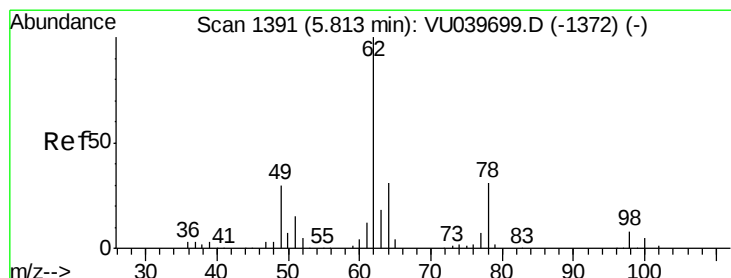
Tot Ion: 78 Resp: 49673
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8

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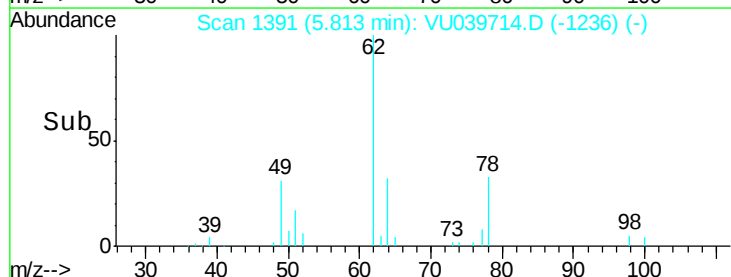
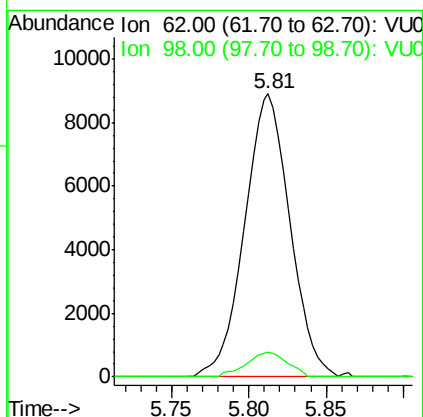
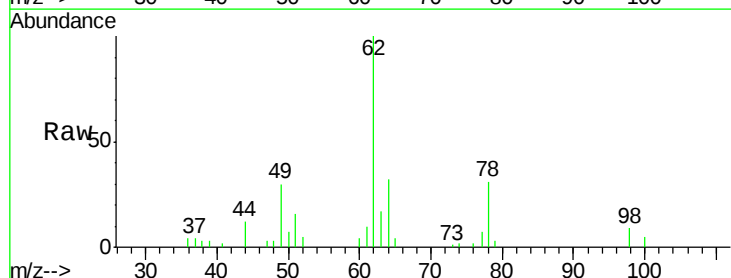
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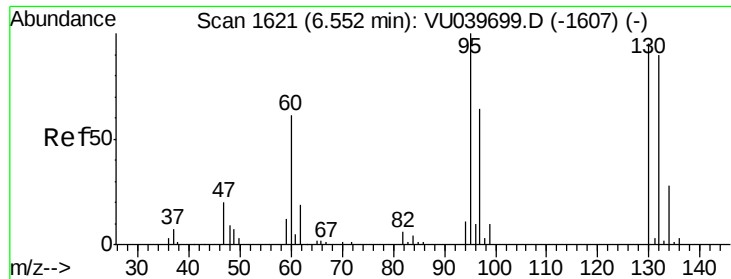
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#36
1,2-Dichloroethane
Concen: 1.878 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 62 Resp: 18168
Ion Ratio Lower Upper
62 100
98 7.8 6.2 9.2



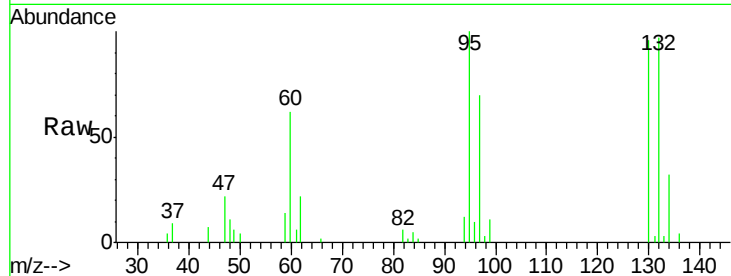


#37
 Trichloroethene
 Concen: 1.813 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

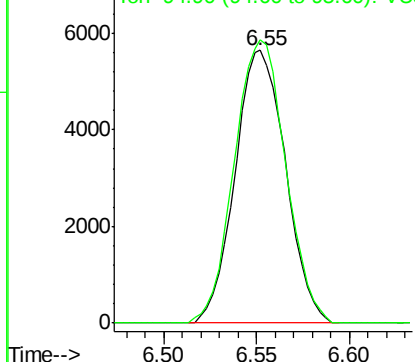
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Tot Ion:130 Resp: 10703
 Ion Ratio Lower Upper
 130 100
 95 103.8 84.3 126.5

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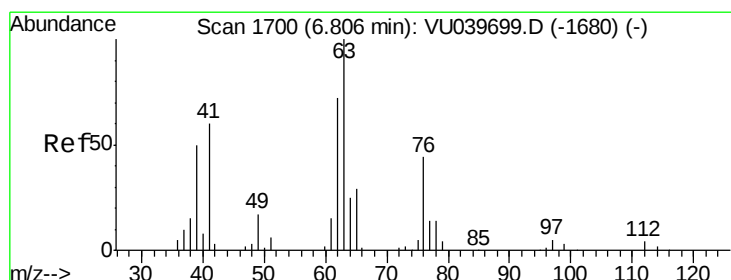
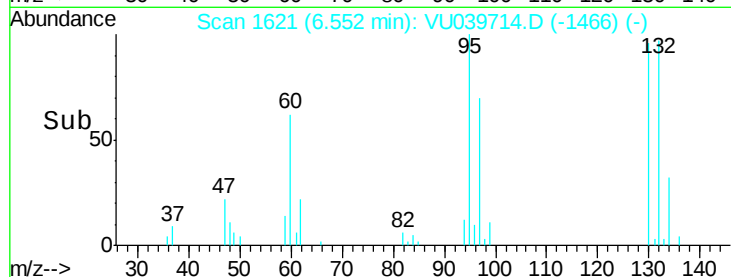


Abundance Ion 129.90 (129.60 to 130.60): VU039714.D (-1466) (-)
 Ion 94.90 (94.60 to 95.60): VU039714.D (-1466) (-)



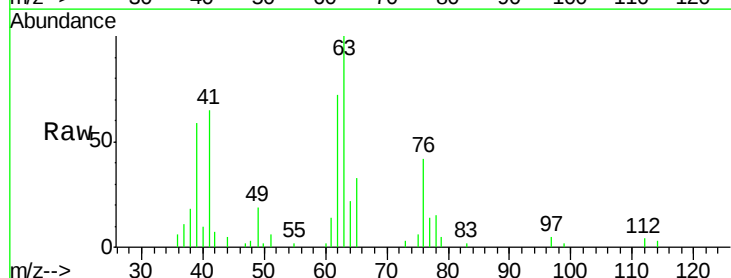
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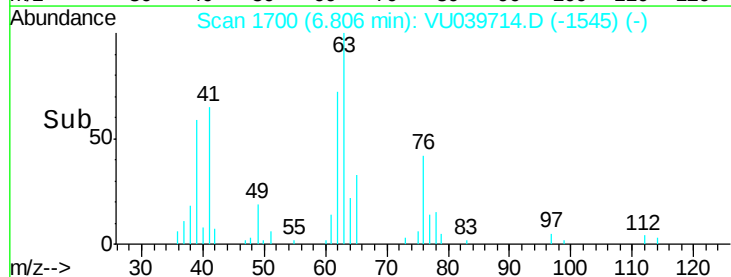
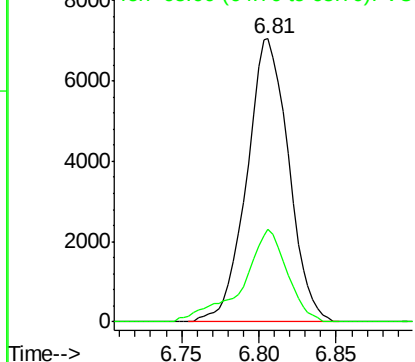


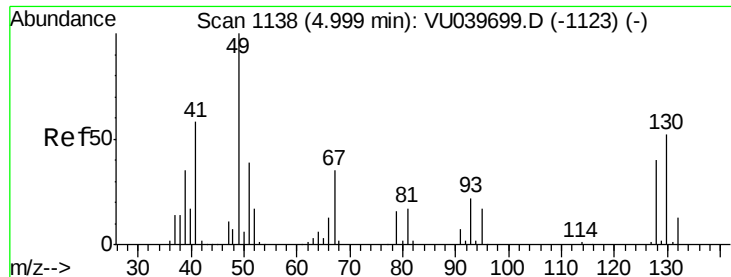
#38
 1,2-Dichloropropane
 Concen: 1.871 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion: 63 Resp: 13303
 Ion Ratio Lower Upper
 63 100
 65 32.6 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039714.D (-1545) (-)
 Ion 65.00 (64.70 to 65.70): VU039714.D (-1545) (-)



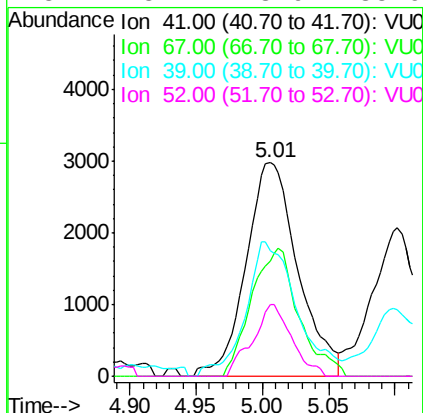
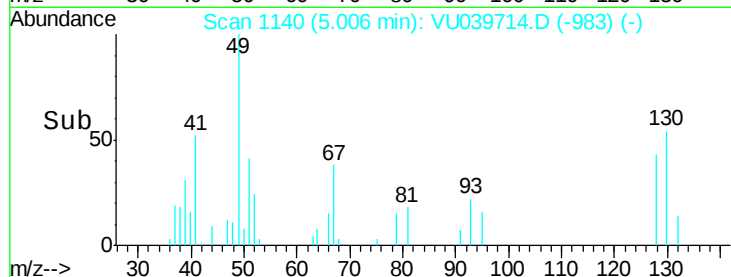
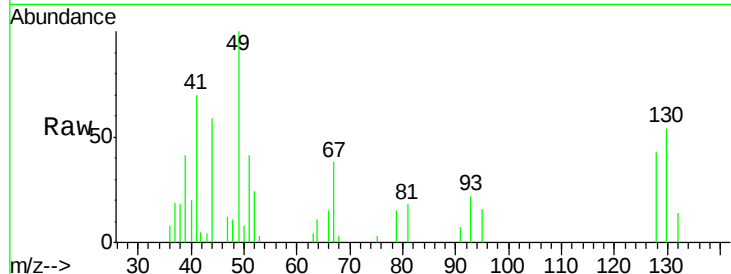


#39
Methacrylonitrile
Concen: 1.962 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

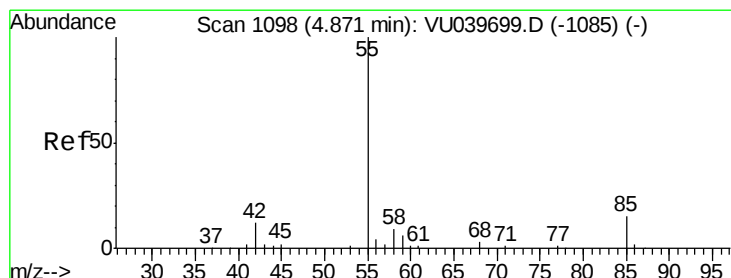
Tot Ion	41	Resp:	8115
Ion	Ratio	Lower	Upper
41	100		
67	54.6	48.3	72.5
39	62.4	47.6	71.4
52	25.4	23.9	35.9

Manual Integrations
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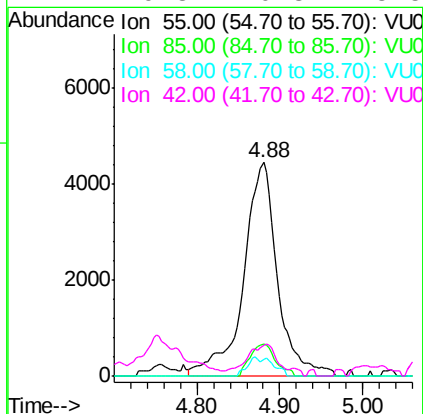
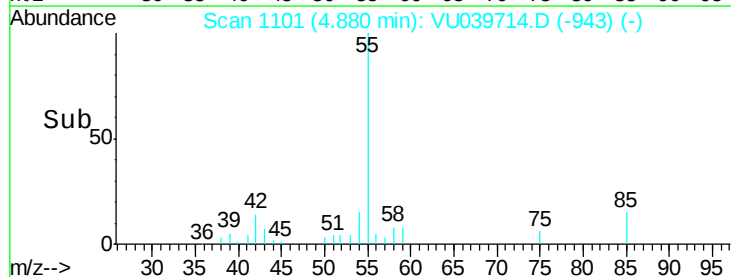
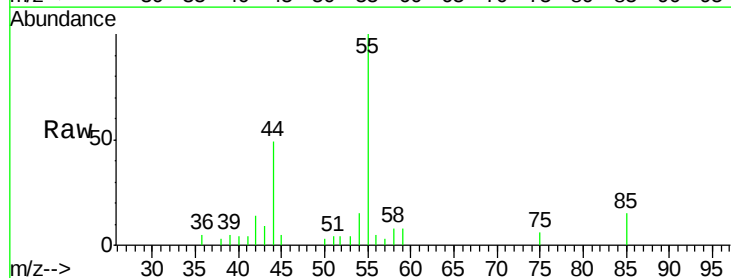
MMDadoda

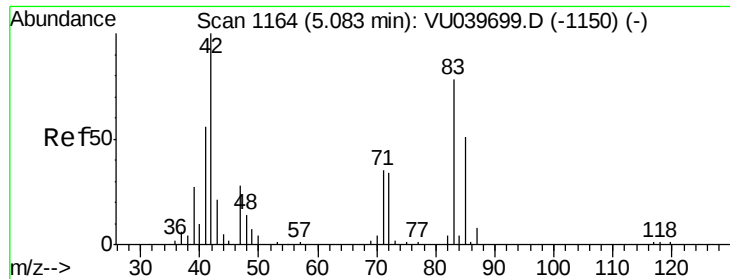
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#40
Methyl acrylate
Concen: 2.370 ug/l
RT: 4.88 min Scan# 1101
Delta R.T. 0.01 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	55	Resp:	12645
Ion	Ratio	Lower	Upper
55	100		
85	11.2	11.4	17.0#
58	3.4	7.4	11.0#
42	9.8	10.3	15.5#





#41

Tetrahydrofuran

Concen: 4.422 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.02 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

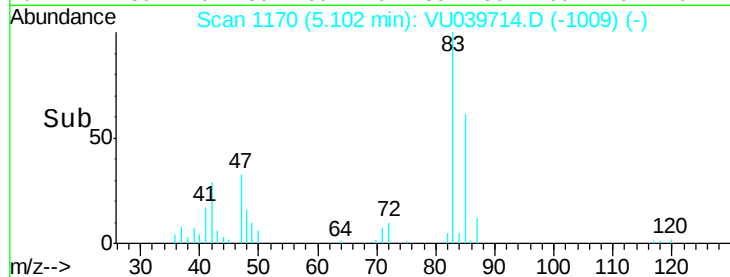
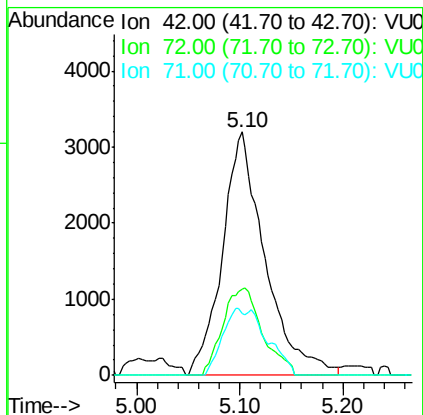
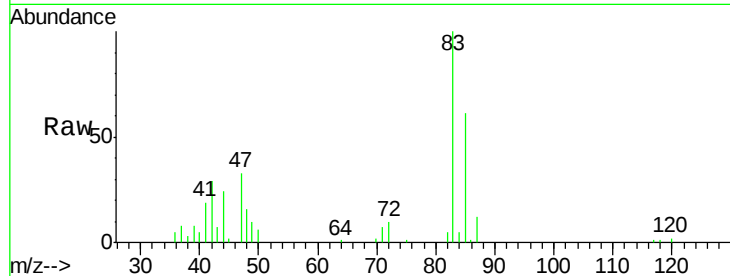
MSVOA_U

ClientSampleId :

VU0729WBSD01

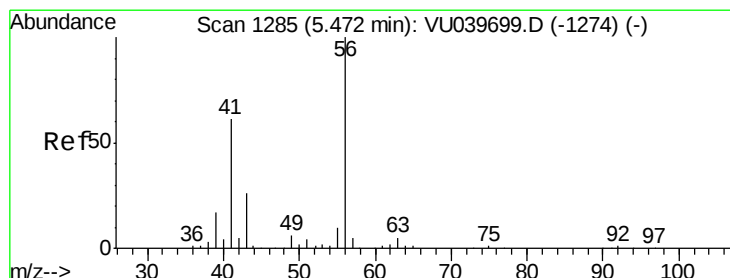
Tot Ion:	42	Resp:	9204
Ion	Ratio	Lower	Upper
42	100		
72	33.2	31.0	46.6
71	14.5	28.2	42.4#

Manual Integrations
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#42

1-Chlorobutane

Concen: 1.868 ug/l

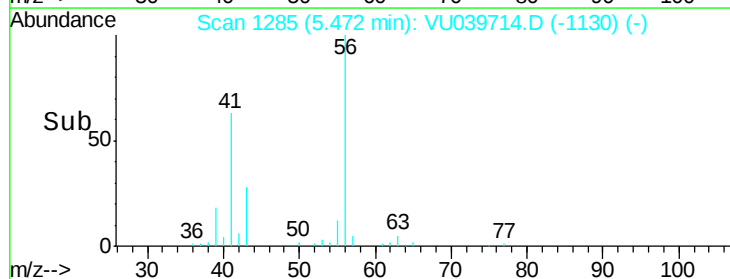
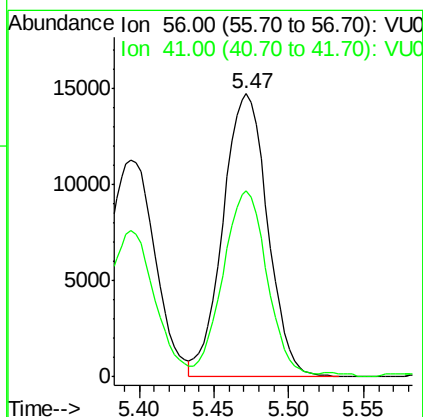
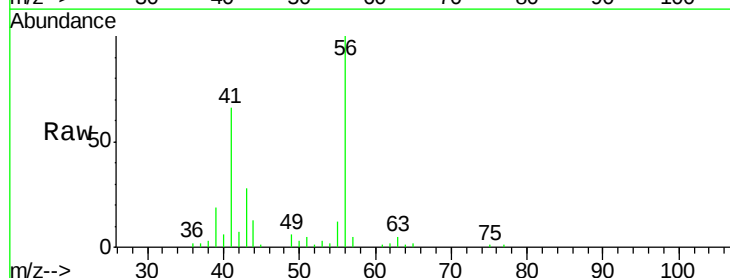
RT: 5.47 min Scan# 1285

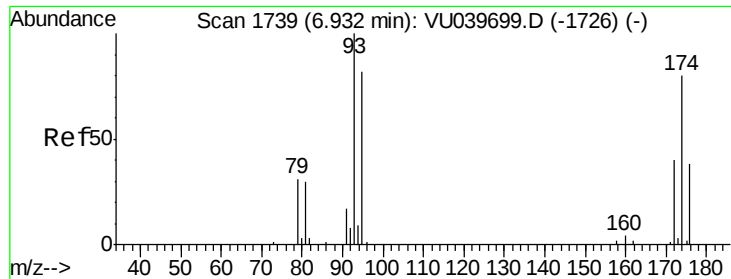
Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tgt Ion:	56	Resp:	30580
Ion	Ratio	Lower	Upper
56	100		
41	62.8	30.5	91.5



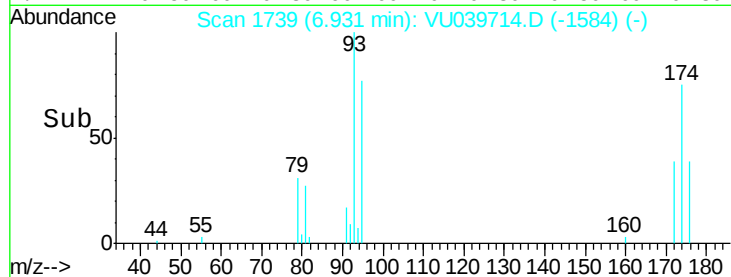
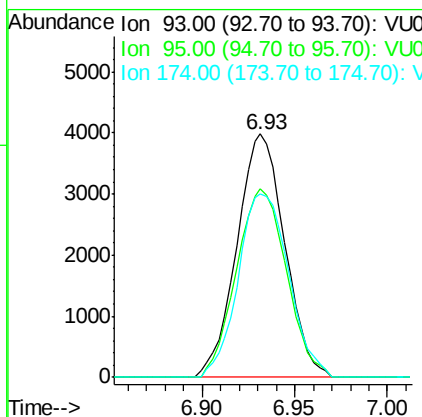
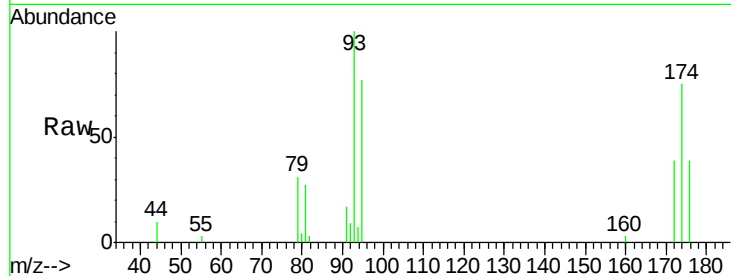


#43
Dibromomethane
Concen: 1.863 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

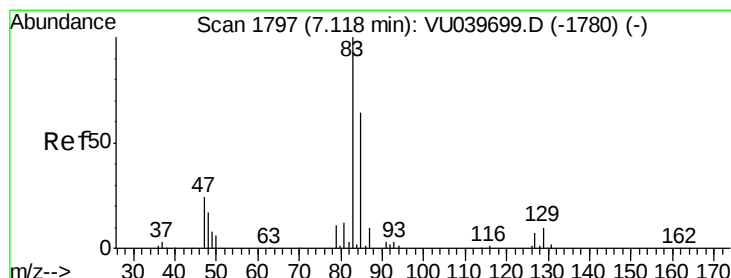
Tot Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.6	99.8
174	79.7	62.7	94.1

Manual Integrations
APPROVED



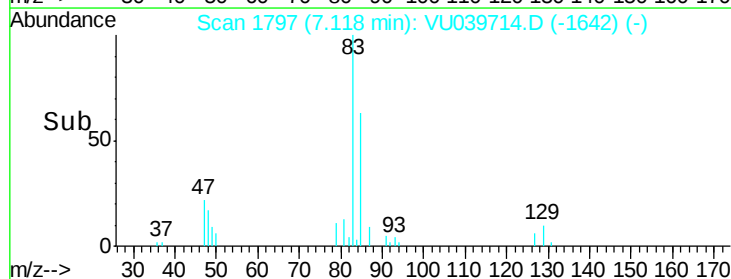
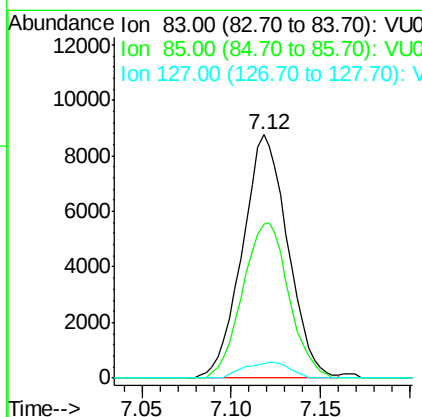
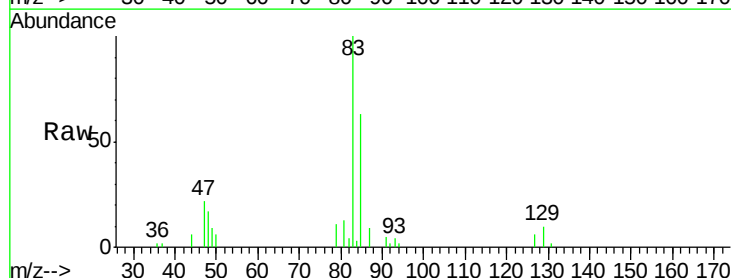
MMDadoda

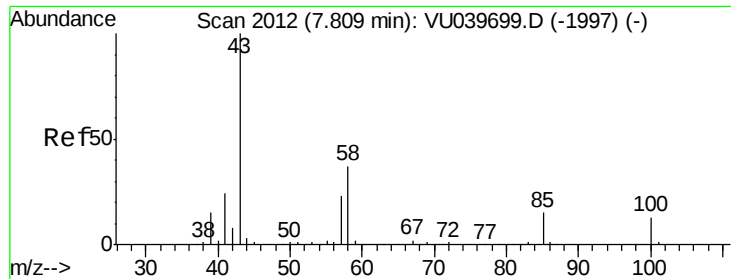
7/31/2020 3:42:14 PM



#44
Bromodichloromethane
Concen: 1.778 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.8	76.2
127	5.8	5.8	8.6



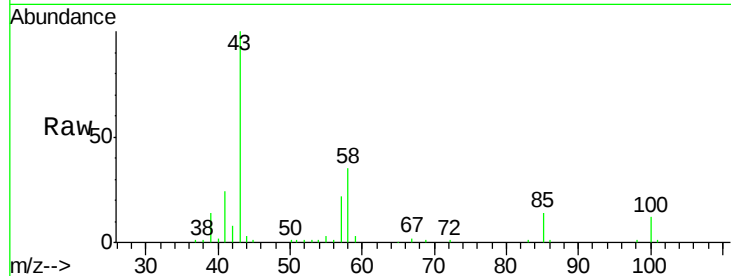


#45
4-Methyl-2-Pentanone
Concen: 9.078 ug/l
RT: 7.82 min Scan# 2014
Delta R.T. 0.01 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

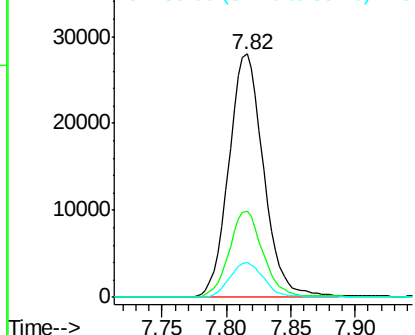
Instrument :
MSVOA_U
ClientSampled :
VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.6	18.4	55.0
85	14.0	11.8	17.6

Manual Integrations
APPROVED

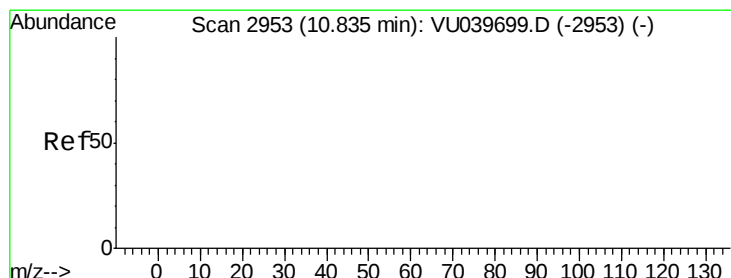
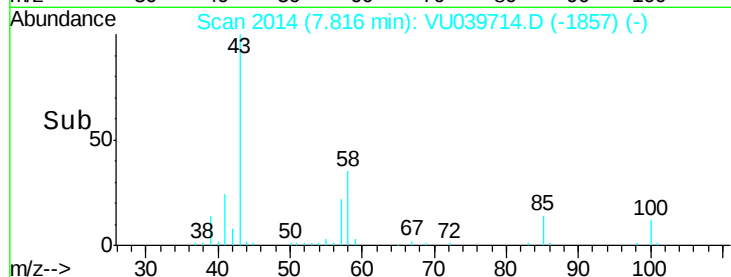


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



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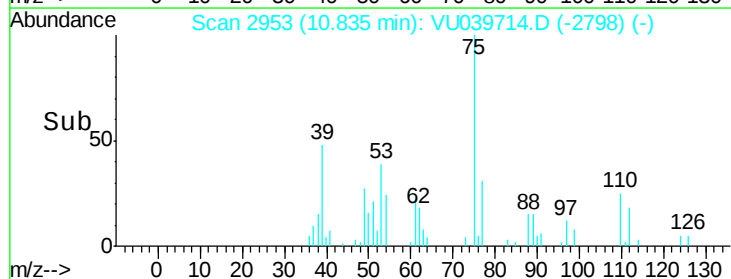
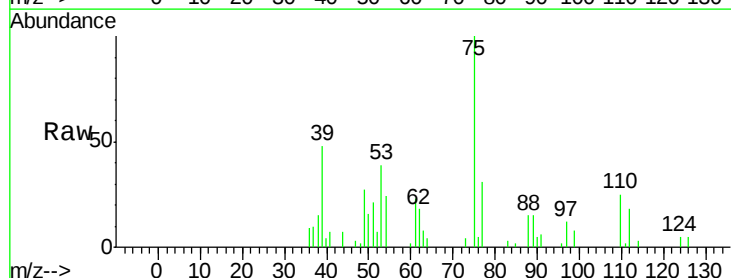
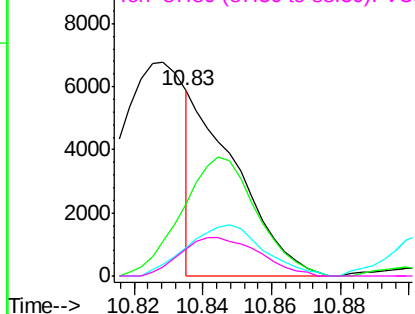
7/31/2020 3:42:14 PM

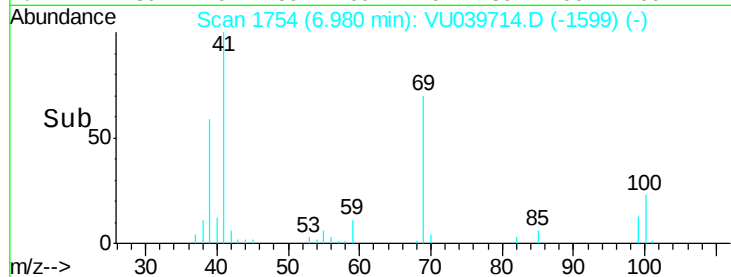
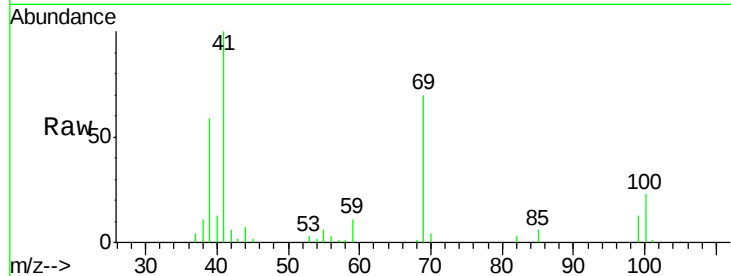
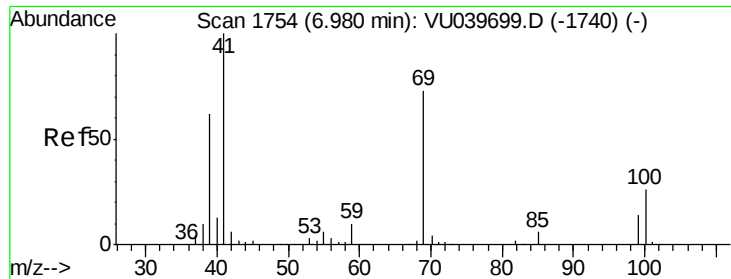


#46
t-1,4-Dichloro-2-butene
Concen: 3.184 ug/l m
RT: 10.83 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.4	78.6	118.0
89	45.4	40.3	60.5
88	35.5	34.0	51.0

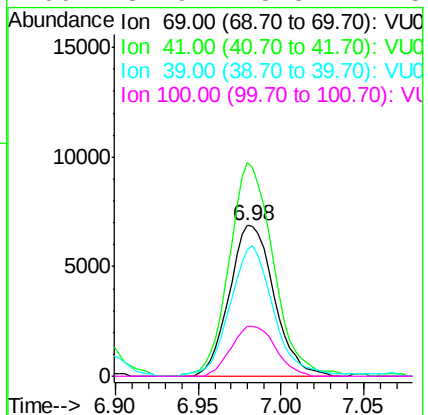
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





#47
Methyl methacrylate
Concen: 3.610 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tot Ion	Ratio	Lower	Upper
69	100		
41	140.0	0.0	271.6
39	84.7	67.4	101.2
100	32.9	28.3	42.5

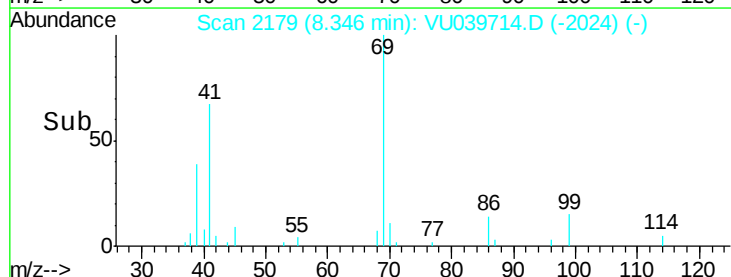
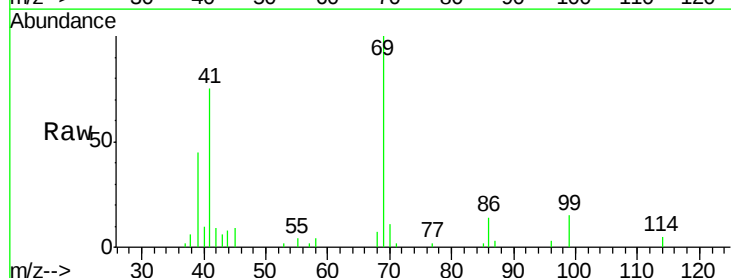
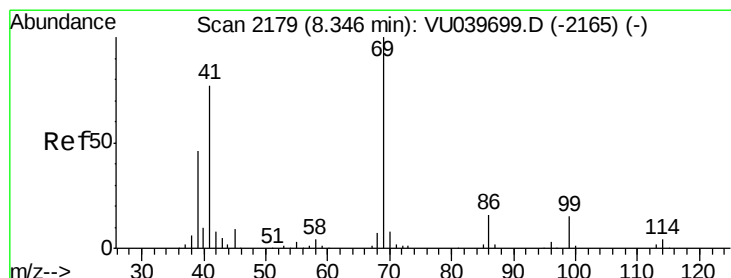


Instrument : MSVOA_U
ClientSampleId : VU0729WBSD01

Manual Integrations
APPROVED

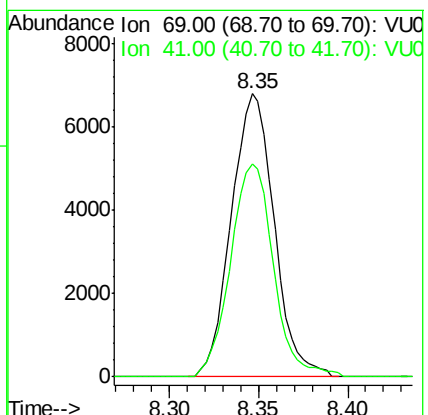
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#48
Ethyl methacrylate
Concen: 1.729 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.3	39.1	117.5





#49

Toluene

Concen: 1.751 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

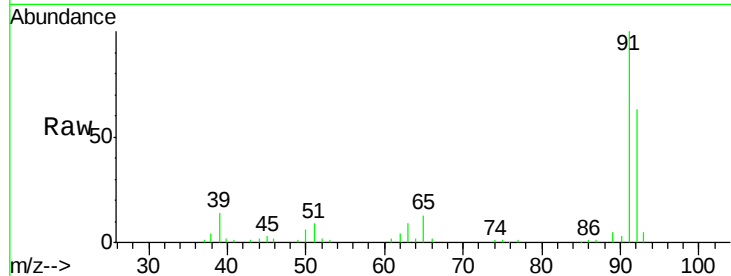
Tot Ion: 92 Resp: 26896

Ion Ratio Lower Upper

92 100

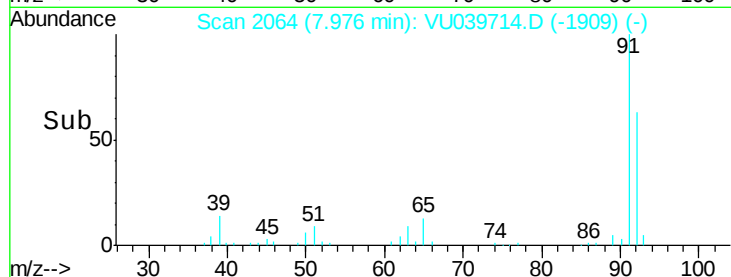
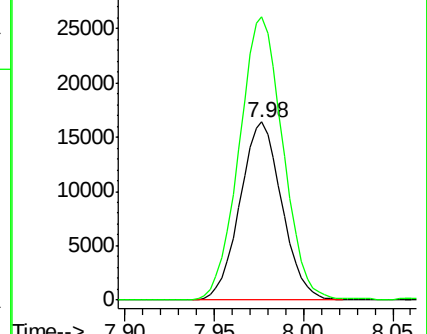
91 165.7 136.1 204.1

Manual Integrations
APPROVED



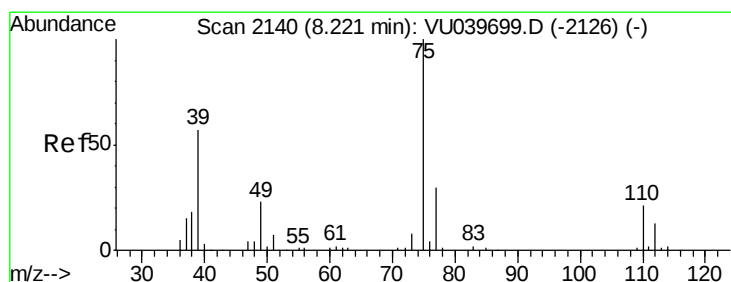
Abundance Ion 92.00 (91.70 to 92.70): VU039714.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU039714.D (-1909) (-)



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#50

t-1,3-Dichloropropene

Concen: 1.643 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039714.D

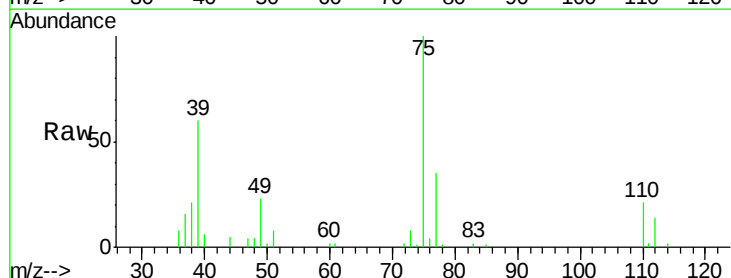
Acq: 29 Jul 2020 20:24

Tgt Ion: 75 Resp: 12988

Ion Ratio Lower Upper

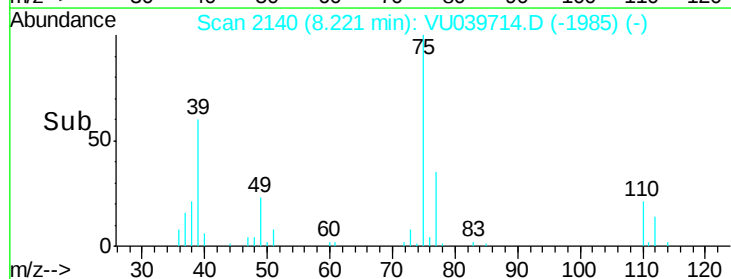
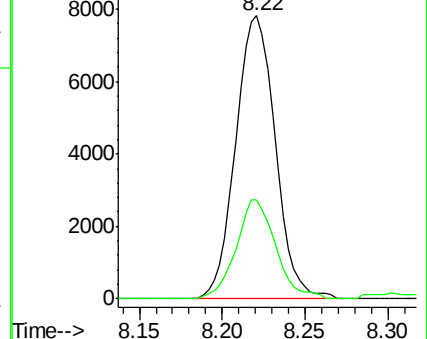
75 100

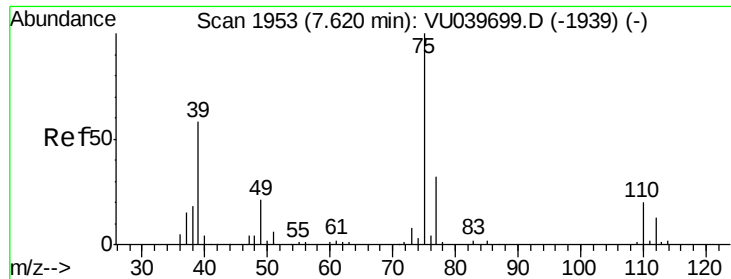
77 35.2 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039714.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU039714.D (-1985) (-)





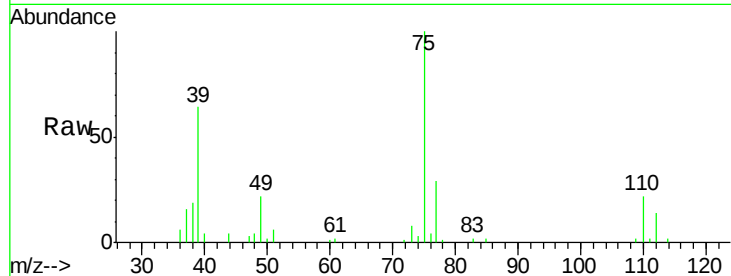
#51

cis-1,3-Dichloropropene
Concen: 1.676 ug/l
RT: 7.62 min Scan# 1953
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

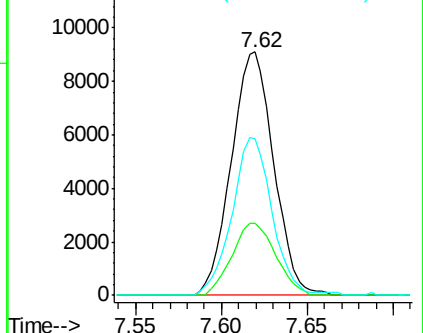
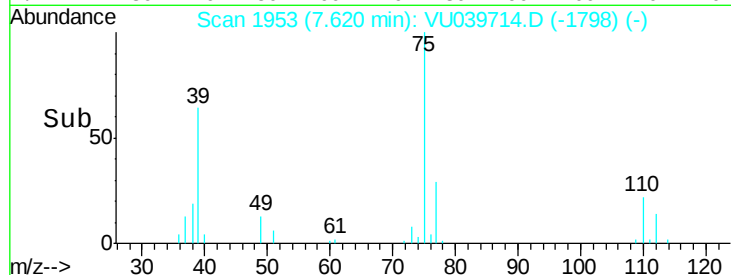
Tot Ion	Ratio	Lower	Upper
75	100		
77	29.5	25.7	38.5
39	64.1	46.1	69.1

Manual Integrations
APPROVED



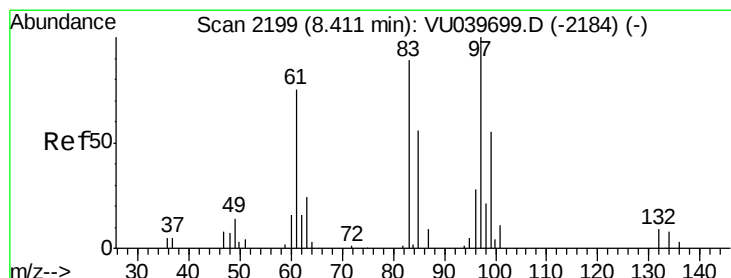
Abundance

Ion 75.00 (74.70 to 75.70): VU039714.D (-1798) (-)



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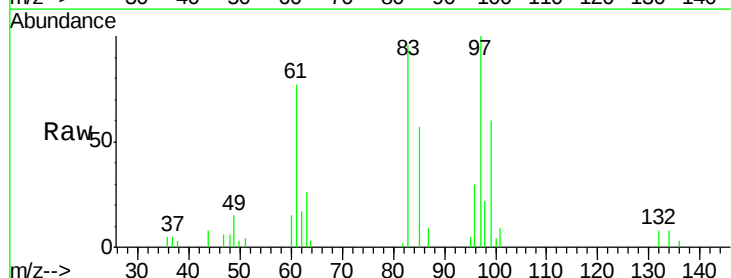
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#52

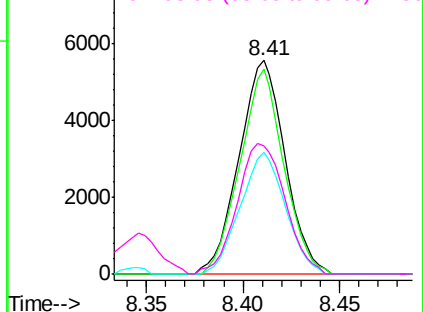
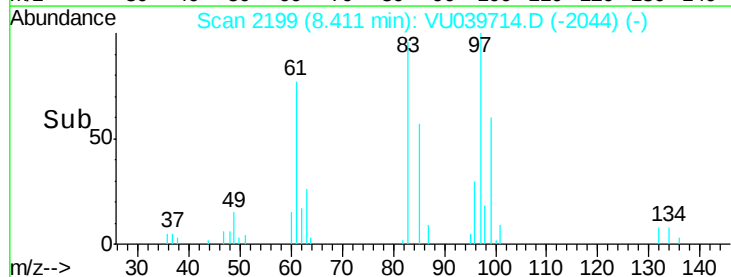
1,1,2-Trichloroethane
Concen: 1.848 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

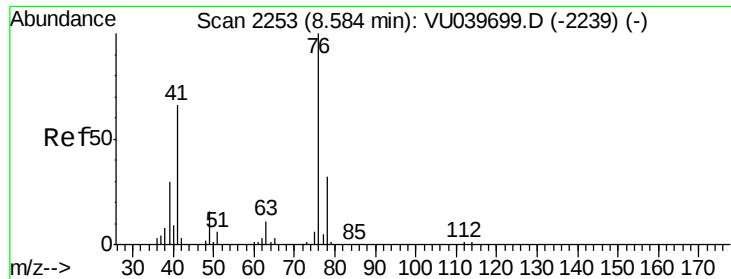
Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.0	71.3	106.9
85	56.9	45.4	68.2
99	60.2	49.4	74.0



Abundance

Ion 97.00 (96.70 to 97.70): VU039714.D (-2044) (-)



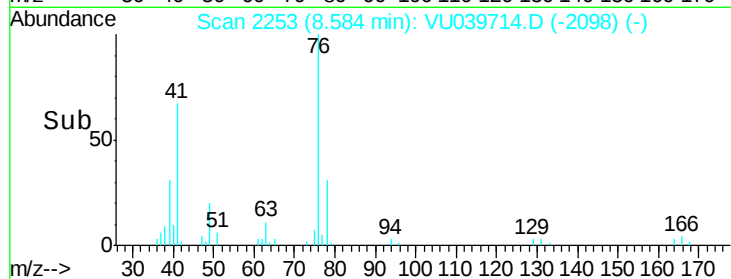
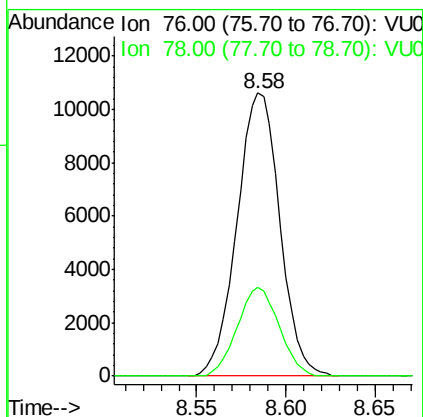
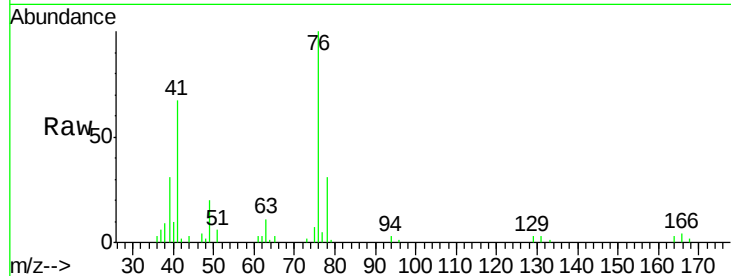


#53
 1,3-Dichloropropane
 Concen: 1.859 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

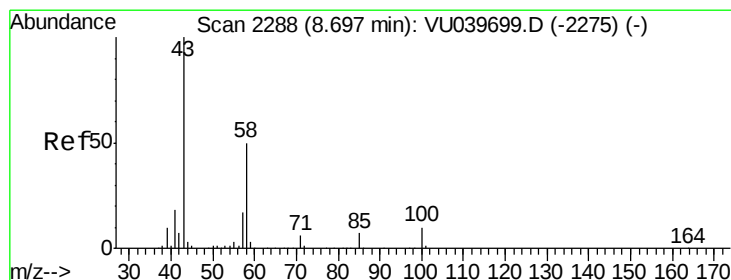
Tot Ion	Ratio	Lower	Upper
76	100		
78	30.5	25.4	38.2

Manual Integrations
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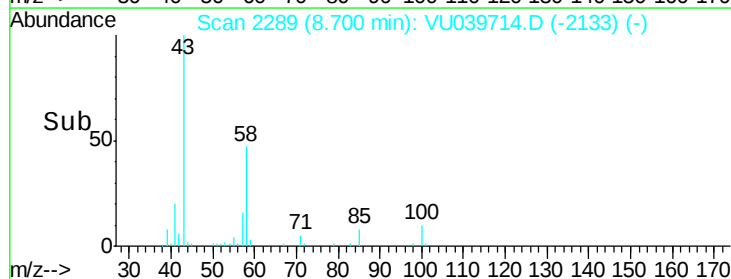
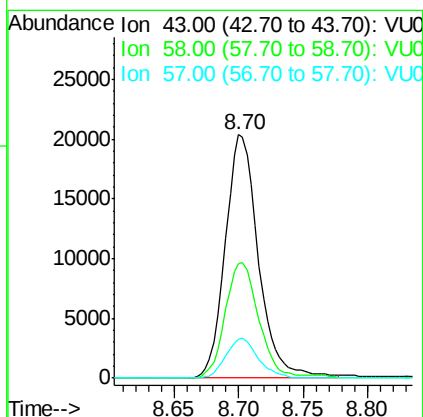
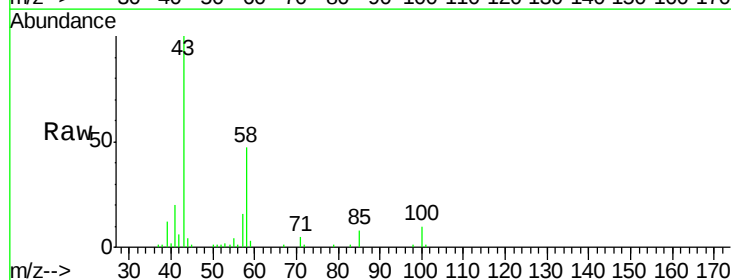
MMDadoda

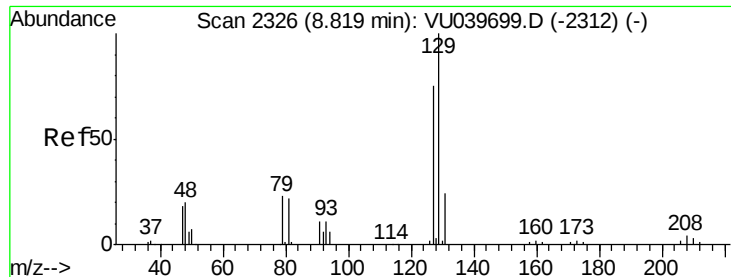
7/31/2020 3:42:14 PM



#54
 2-Hexanone
 Concen: 8.790 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.4	29.9	69.9
57	15.7	0.0	37.2



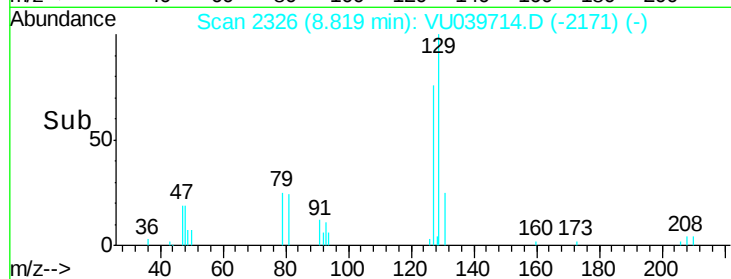
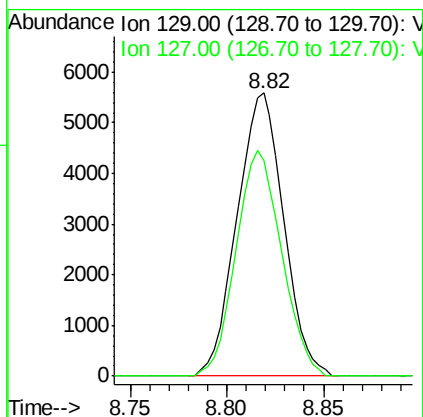
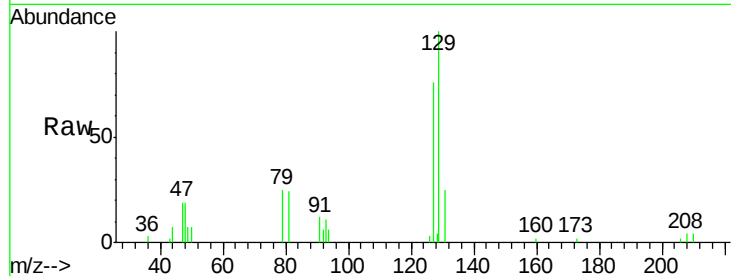


#55
 Dibromochloromethane
 Concen: 1.756 ug/l
 RT: 8.82 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

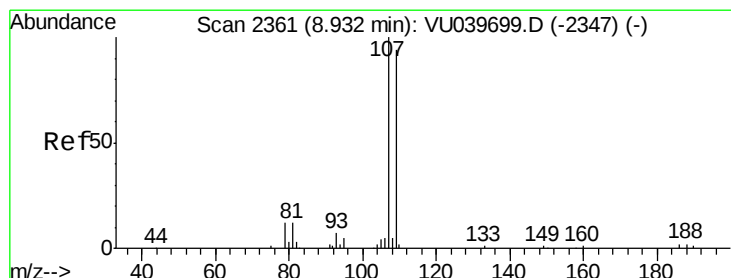
Tot Ion	Ratio	Lower	Upper
129	100		
127	77.5	62.4	93.6

Manual Integrations
 APPROVED



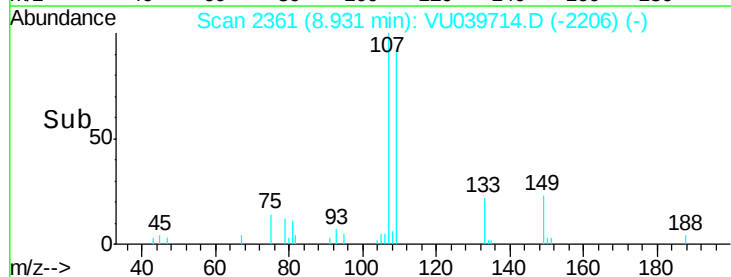
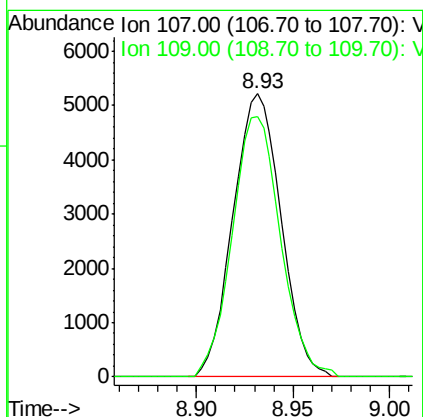
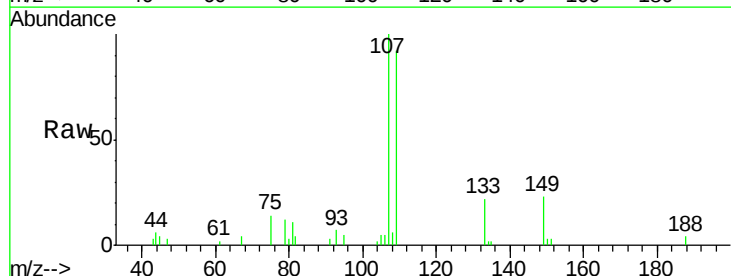
MMDadoda

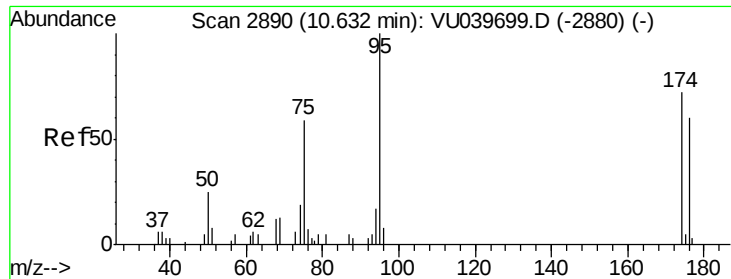
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#56
 1,2-Dibromoethane
 Concen: 1.881 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.4	0.0	185.2





#57

4-Bromofluorobenzene

Concen: 0.878 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

Tot Ion: 95 Resp: 7080

Ion Ratio Lower Upper

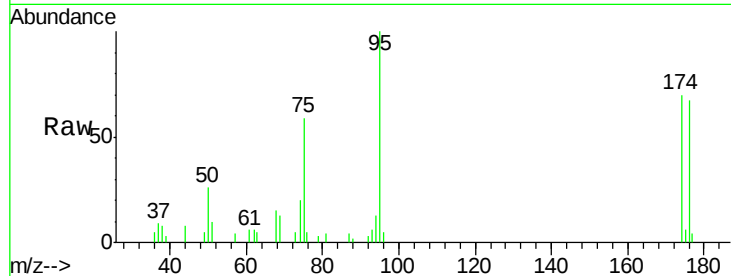
95 100

174 71.8 57.0 85.4

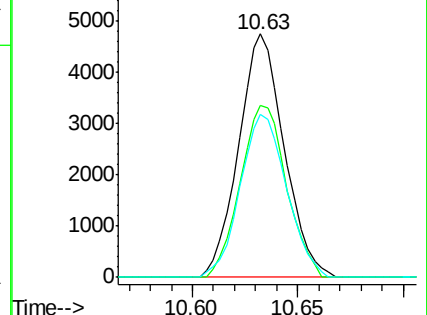
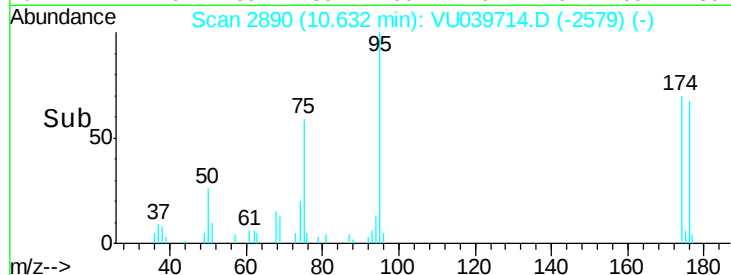
176 68.6 50.2 75.2

Manual Integrations

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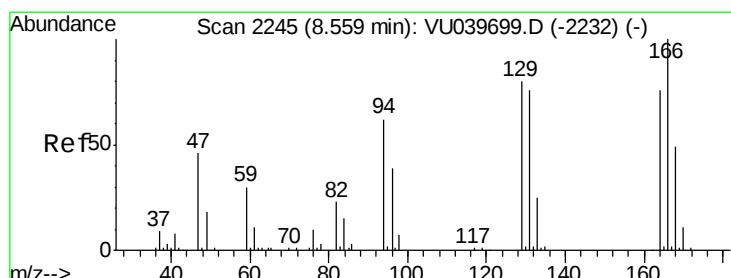


Abundance Ion 95.00 (94.70 to 95.70): VU039714.D (-2579) (-)



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#58

Tetrachloroethene

Concen: 1.795 ug/l

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tgt Ion: 164 Resp: 9276

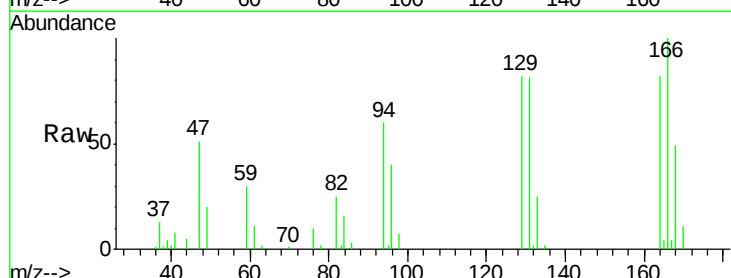
Ion Ratio Lower Upper

164 100

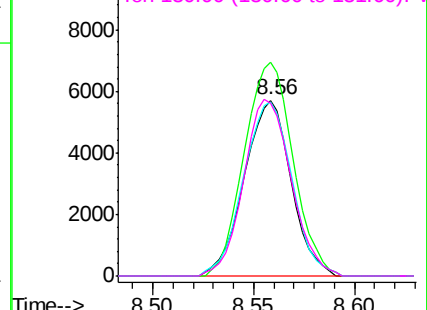
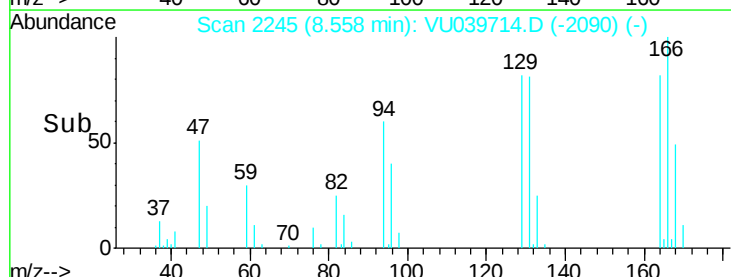
166 121.5 104.8 157.2

129 99.3 84.1 126.1

131 98.3 80.1 120.1



Abundance Ion 163.85 (163.55 to 164.55): VU039714.D (-2090) (-)





#59

Chlorobenzene

Concen: 1.719 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

Tot Ion:112 Resp: 27306

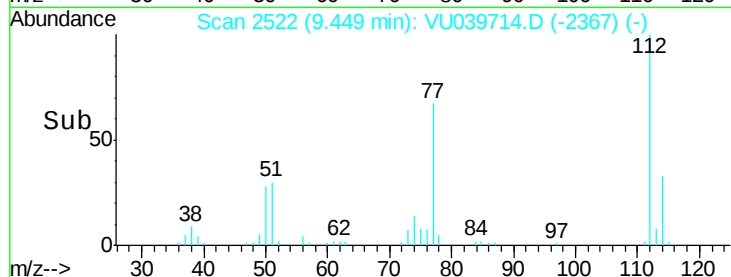
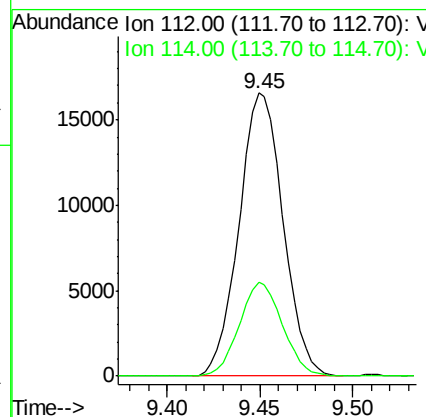
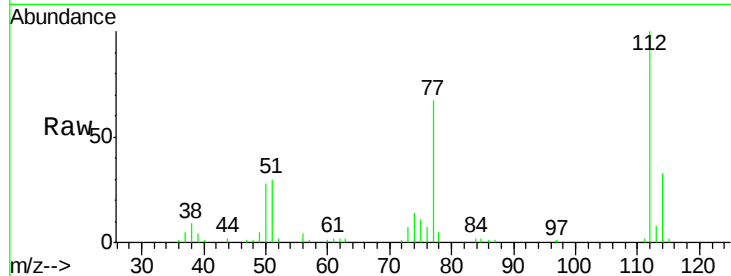
Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6

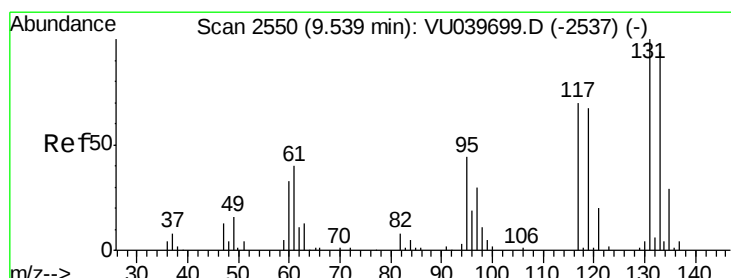
Manual Integrations

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#60

1,1,1,2-Tetrachloroethane

Concen: 1.777 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

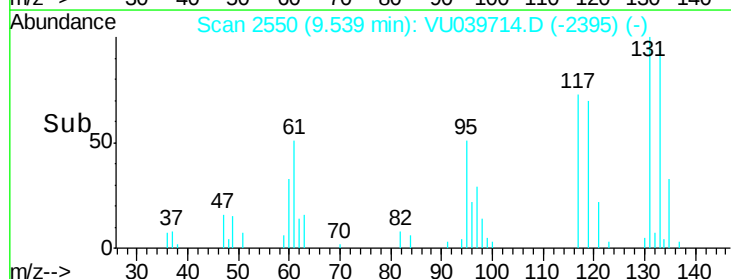
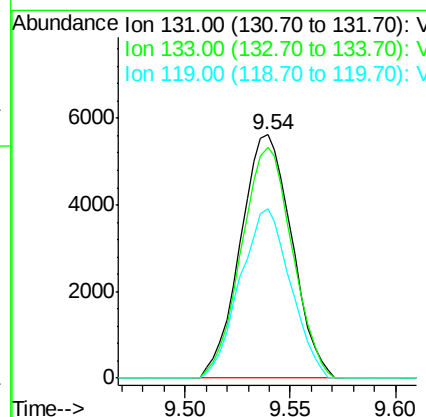
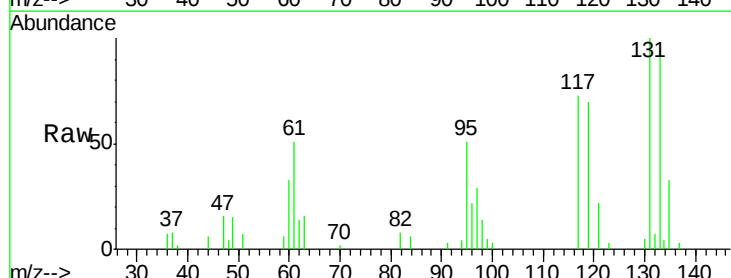
Tgt Ion:131 Resp: 9516

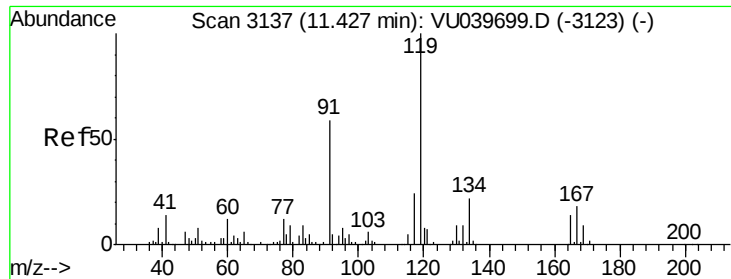
Ion Ratio Lower Upper

131 100

133 93.8 75.8 113.8

119 68.2 54.6 81.8



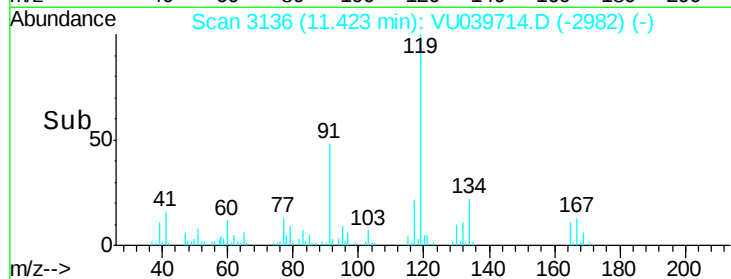
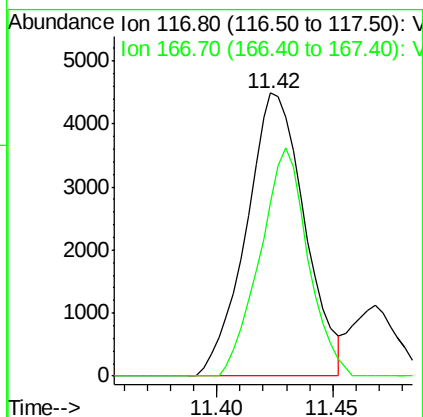
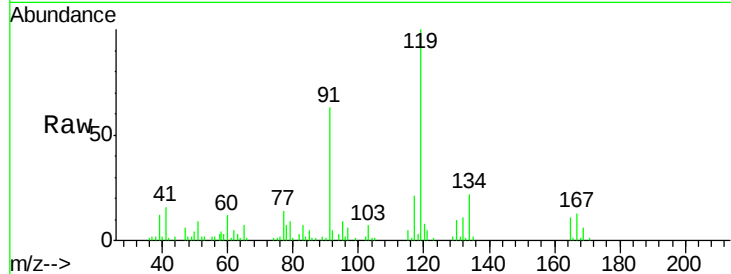


#61
 Pentachloroethane
 Concen: 1.673 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

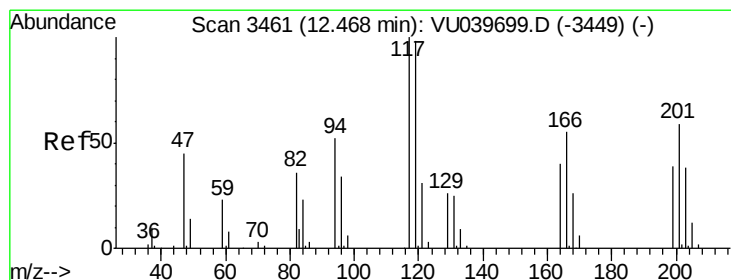
Tot Ion:117 Resp: 7870
 Ion Ratio Lower Upper
 117 100
 167 66.0 56.6 85.0

Manual Integrations
 APPROVED



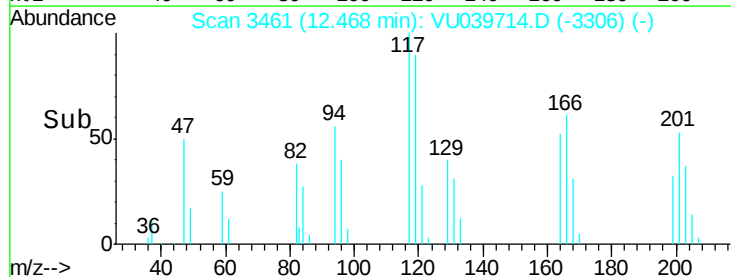
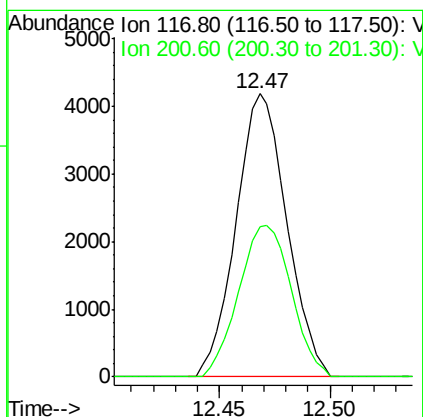
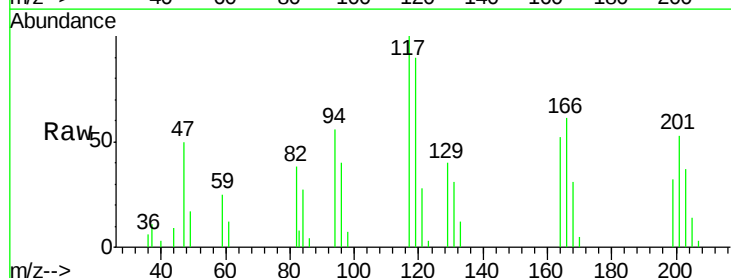
MMDadoda

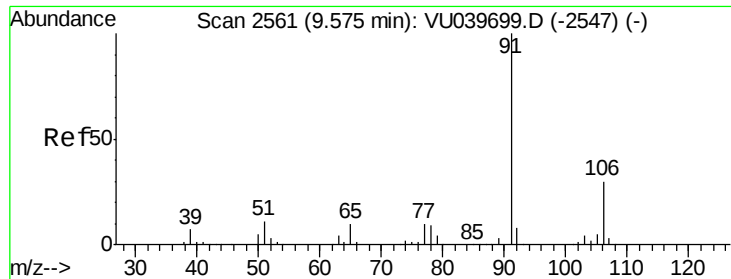
7/31/2020 3:42:14 PM



#62
 Hexachloroethane
 Concen: 1.549 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:117 Resp: 6680
 Ion Ratio Lower Upper
 117 100
 201 55.4 48.1 72.1



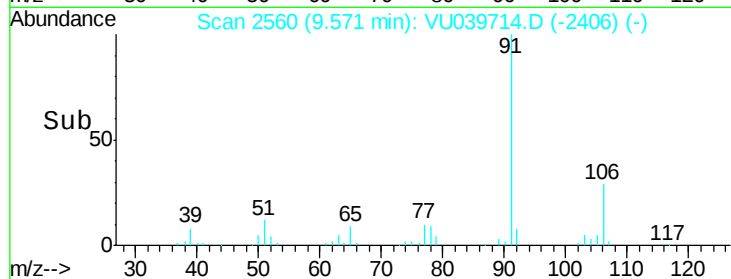
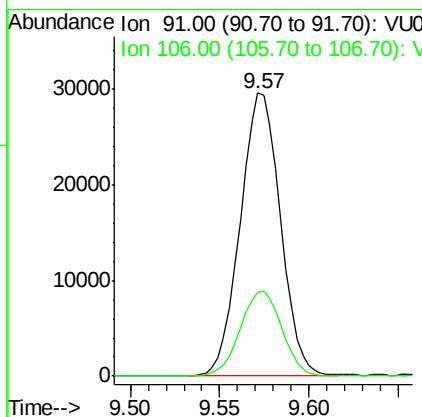
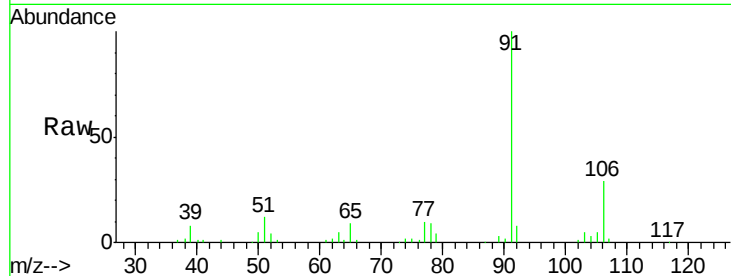


#63
Ethyl Benzene
Concen: 1.636 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

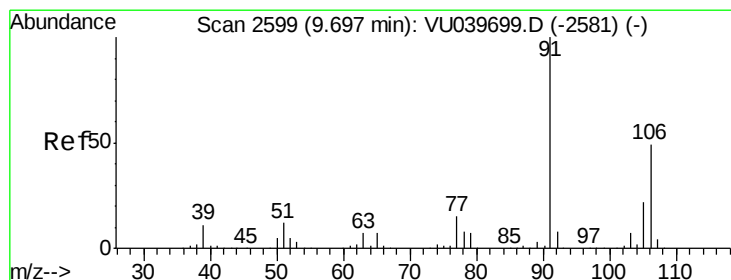
Tot Ion: 91 Resp: 46559
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4

Manual Integrations
APPROVED



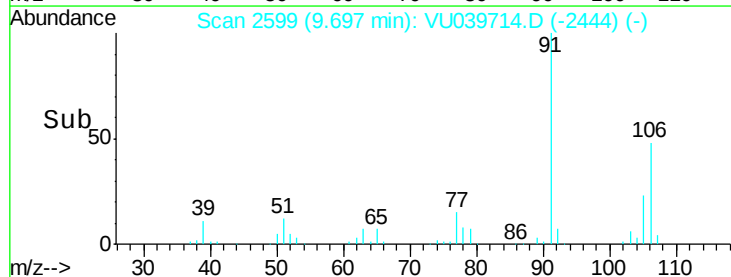
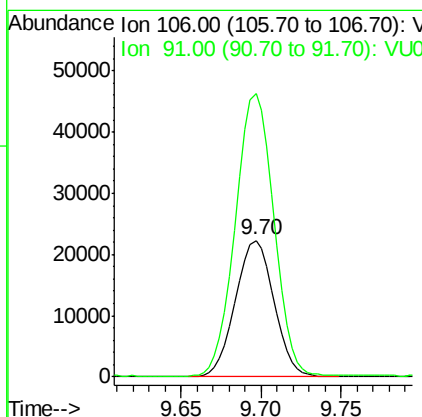
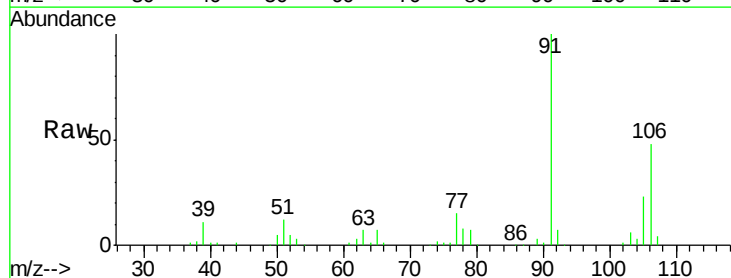
MMDadoda

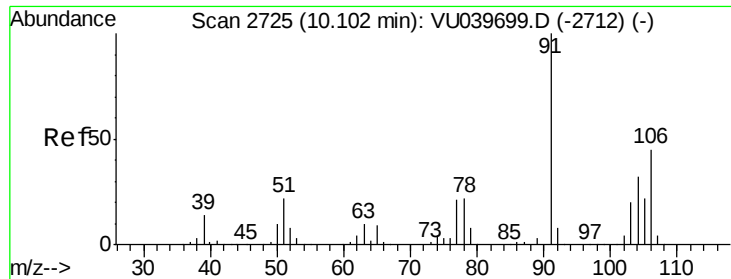
7/31/2020 3:42:14 PM



#64
m/p-Xylenes
Concen: 3.301 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 106 Resp: 36705
Ion Ratio Lower Upper
106 100
91 205.7 163.9 245.9





#65

o-Xylene

Concen: 1.665 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

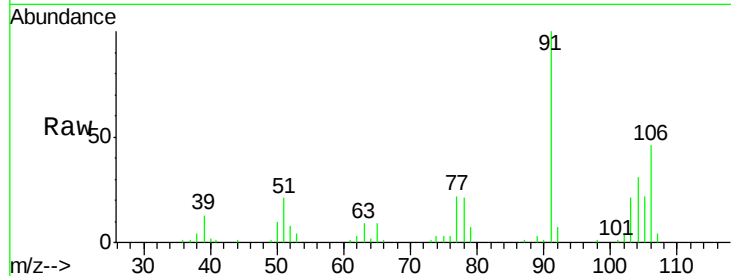
Tot Ion:106 Resp: 17576

Ion Ratio Lower Upper

106 100

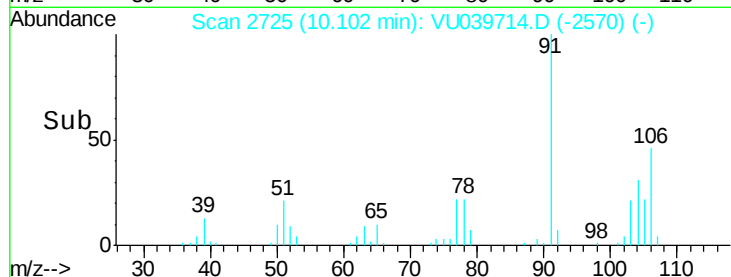
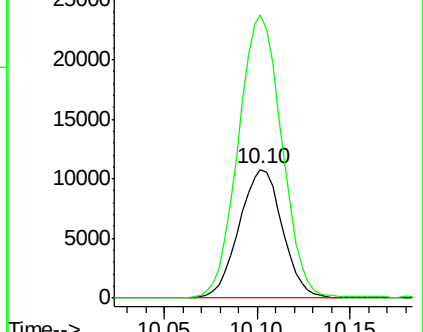
91 220.3 110.3 331.0

Manual Integrations
APPROVED



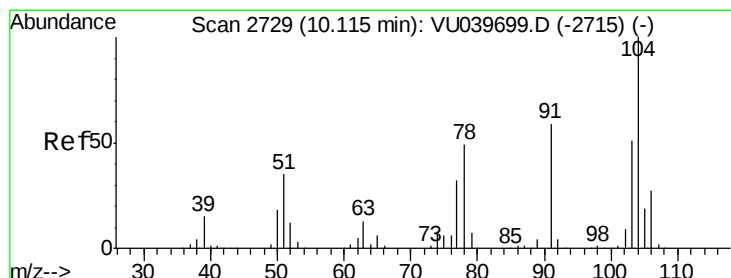
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



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#66

Styrene

Concen: 1.628 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

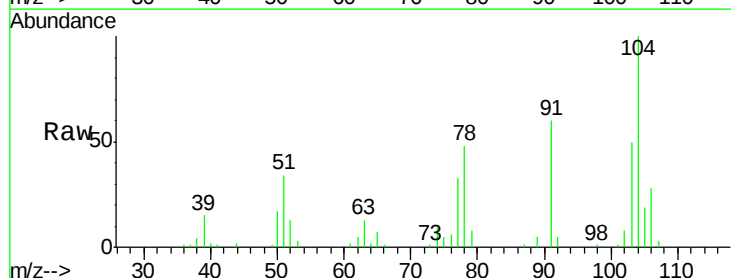
Tgt Ion:104 Resp: 29462

Ion Ratio Lower Upper

104 100

78 53.7 42.2 63.4

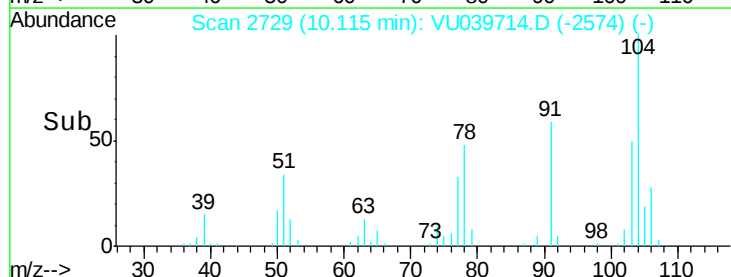
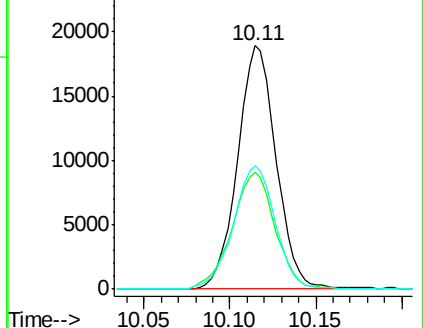
103 54.9 43.4 65.2

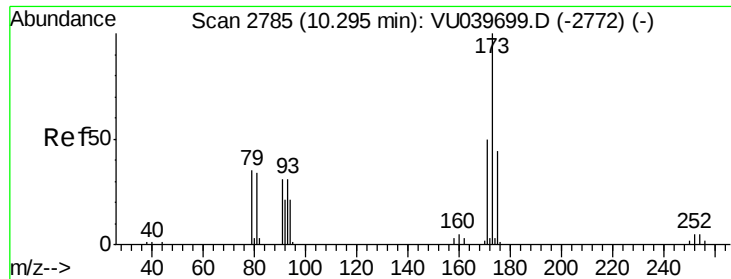


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



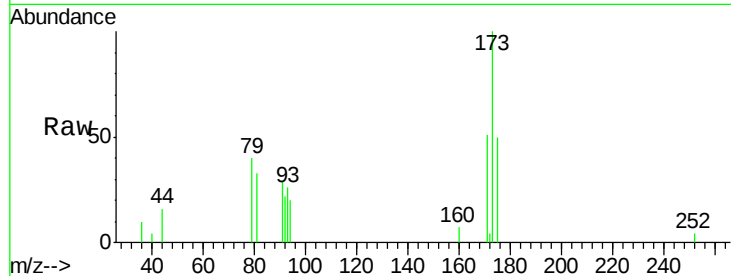


#67
Bromoform
Concen: 1.684 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	36.7	55.1
254	0.4	3.8	5.8

Manual Integrations
APPROVED

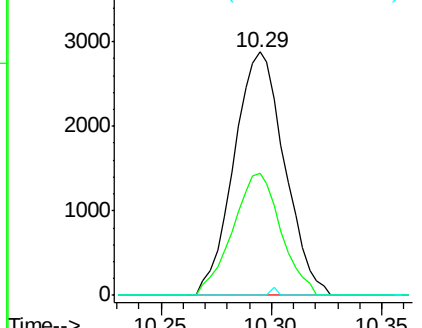


Abundance

Ion 172.90 (172.60 to 173.60): V

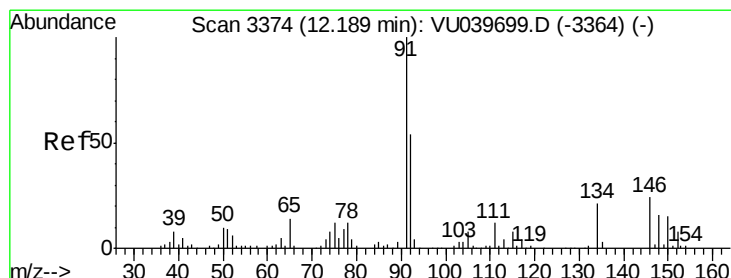
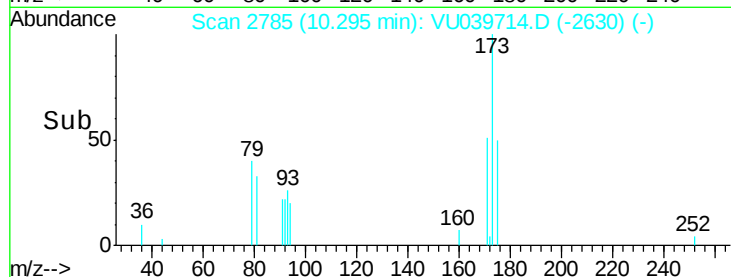
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



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#68
1,2-Dichlorobenzene-d4
Concen: 0.913 ug/l
RT: 12.19 min Scan# 3375
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

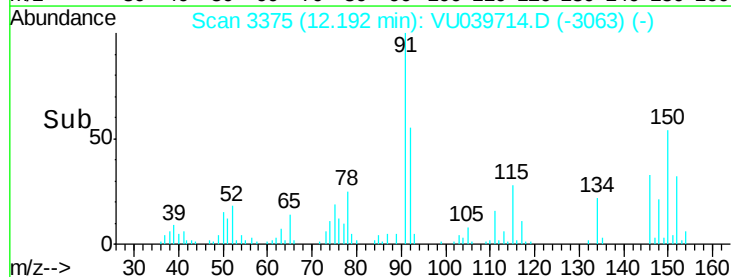
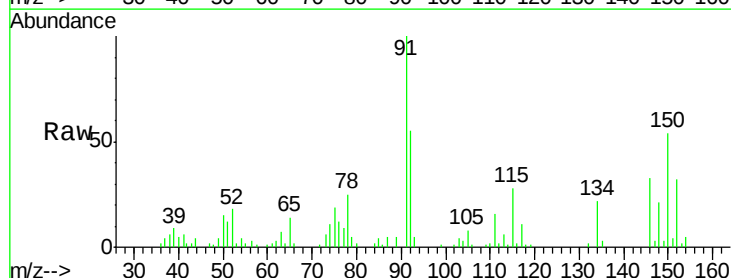
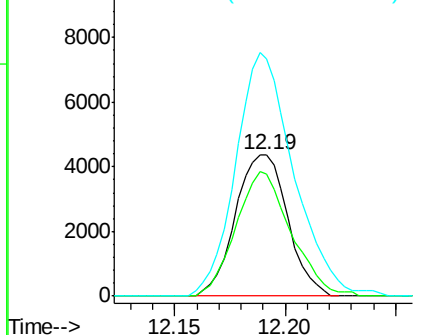
Tgt Ion	Ratio	Lower	Upper
152	100		
115	92.2	0.0	302.4
150	191.0	0.0	645.8

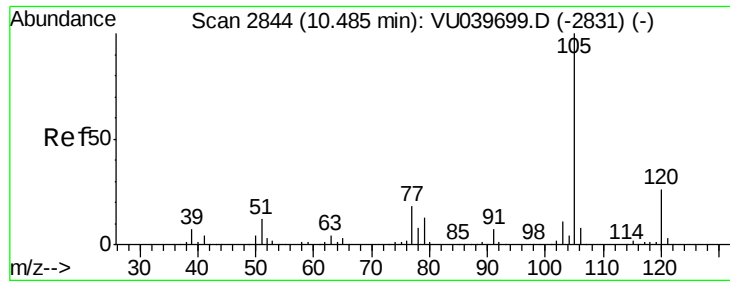
Abundance

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



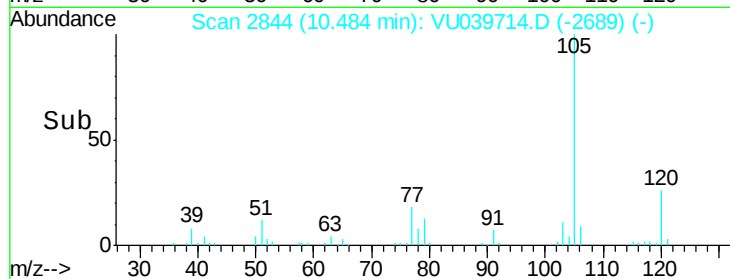
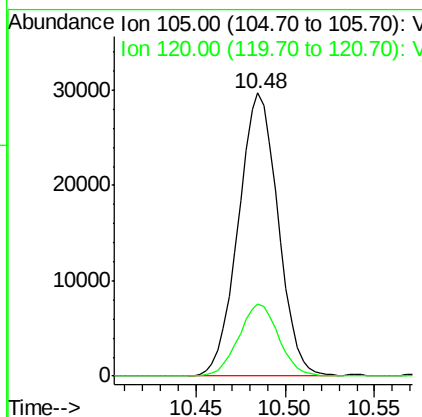
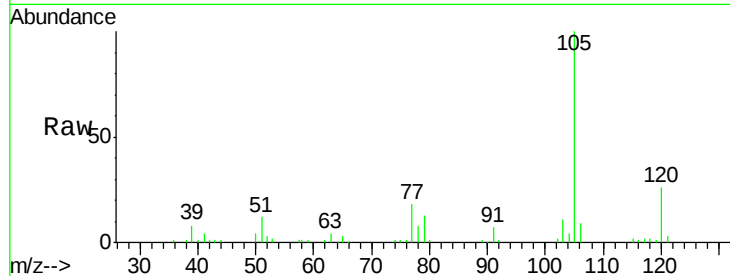


#69
Isopropylbenzene
Concen: 1.634 ug/l
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

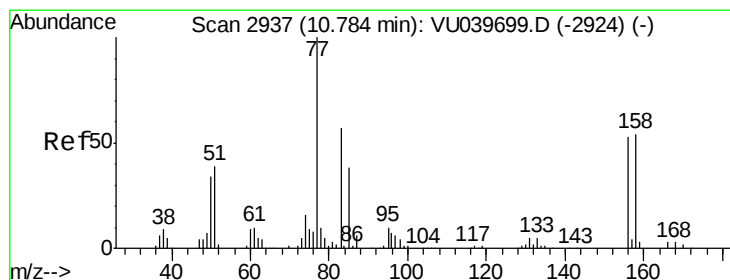
Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

Manual Integrations
APPROVED



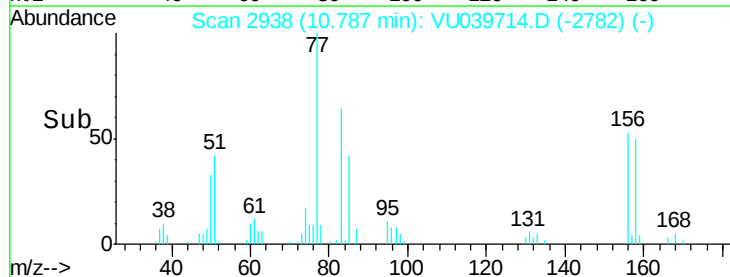
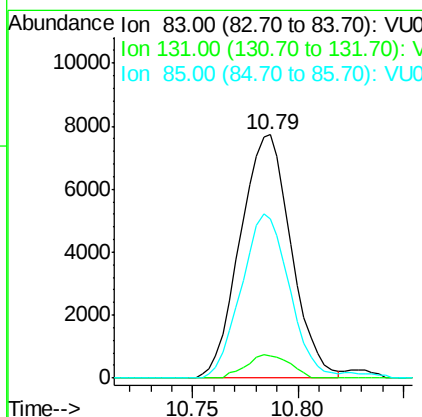
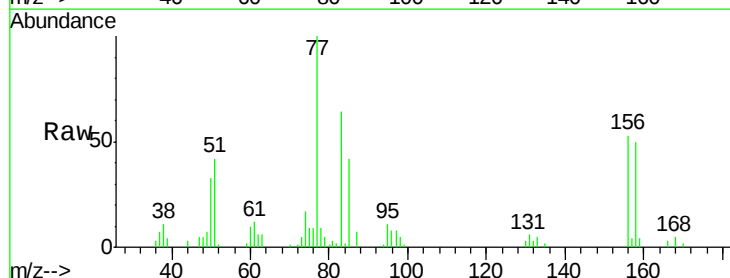
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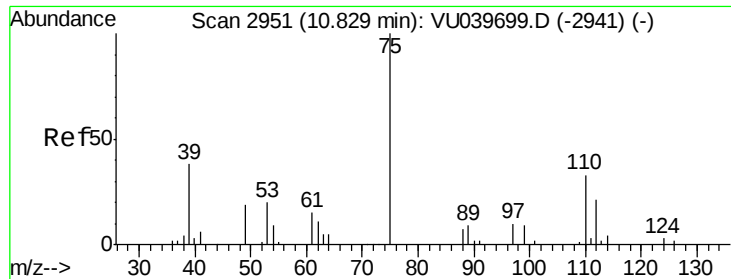
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#70
1,1,2,2-Tetrachloroethane
Concen: 1.813 ug/l
RT: 10.79 min Scan# 2938
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.2	7.0	10.6
85	63.6	50.6	75.8



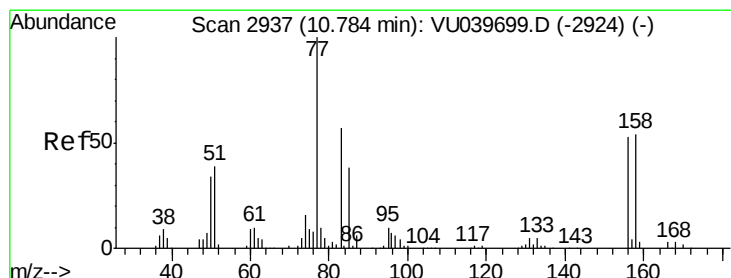
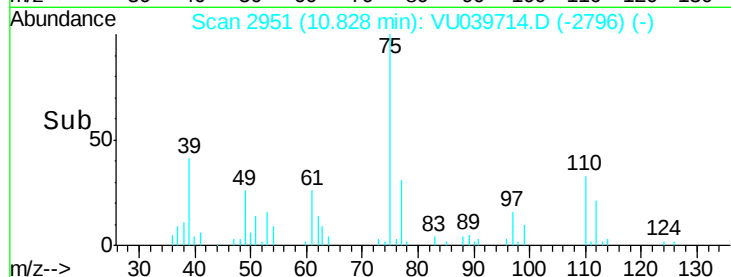
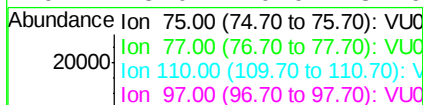
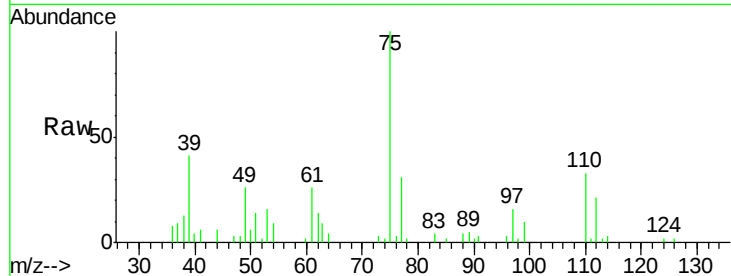


#71
 1,2,3-Trichloropropane
 Concen: 1.987 ug/l m
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

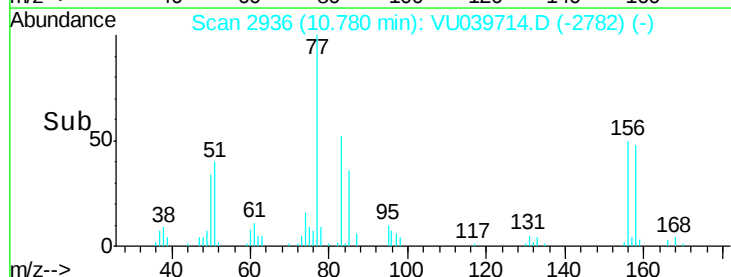
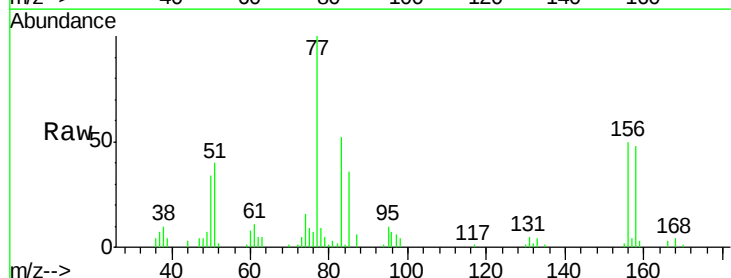
Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	41.2	0.0	91.0	
110	32.3	0.0	64.2	
97	15.0	0.0	32.6	

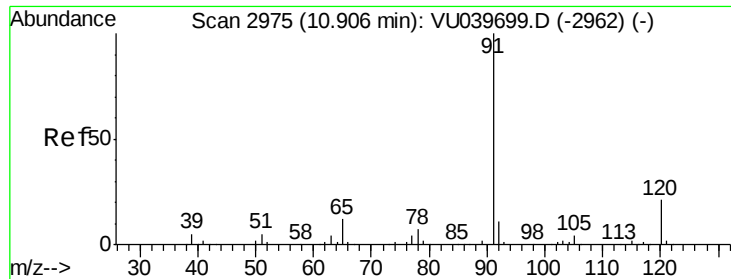
Manual Integrations
 APPROVED



#72
 Bromobenzene
 Concen: 1.729 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	198.3	0.0	385.2	
158	94.3	0.0	200.8	





#73

n-propylbenzene

Concen: 1.631 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

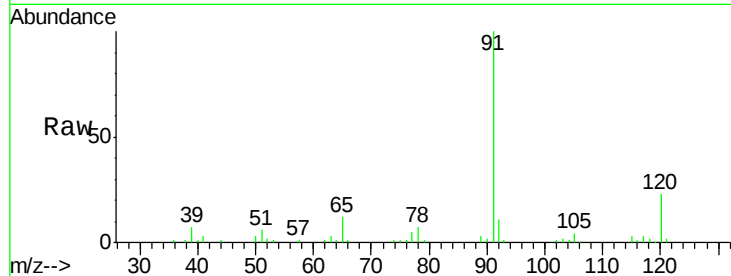
Tot Ion:120 Resp: 12935

Ion Ratio Lower Upper

120 100

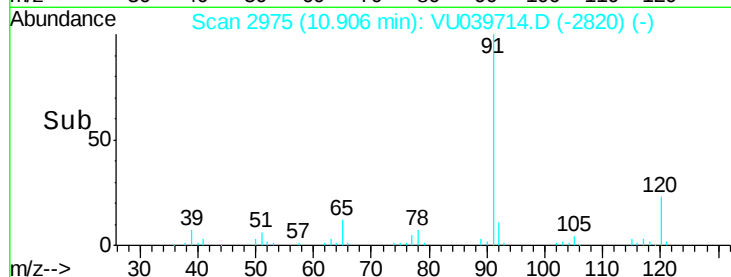
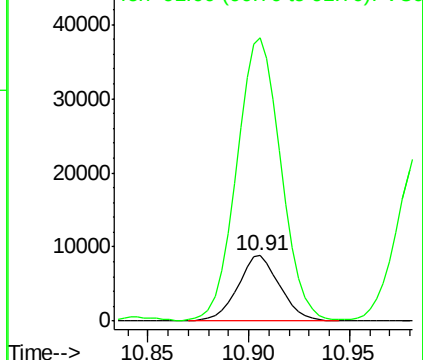
91 449.9 371.7 557.5

Manual Integrations
APPROVED



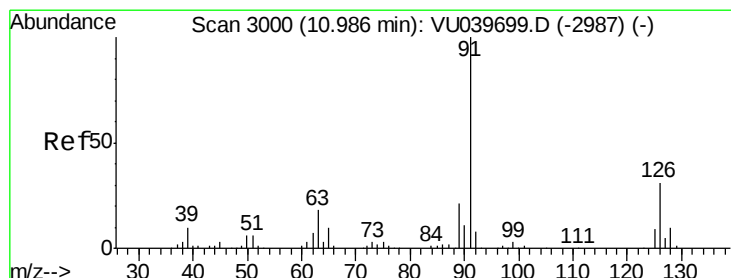
Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



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#74

2-Chlorotoluene

Concen: 1.686 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039714.D

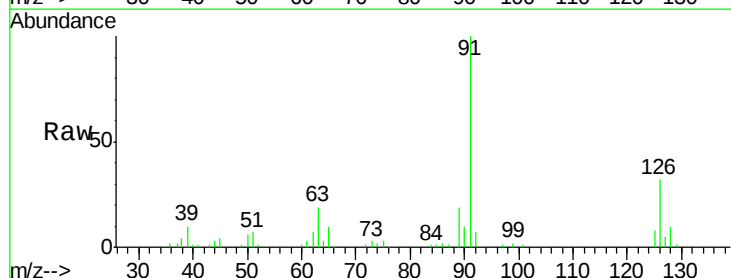
Acq: 29 Jul 2020 20:24

Tgt Ion:126 Resp: 11295

Ion Ratio Lower Upper

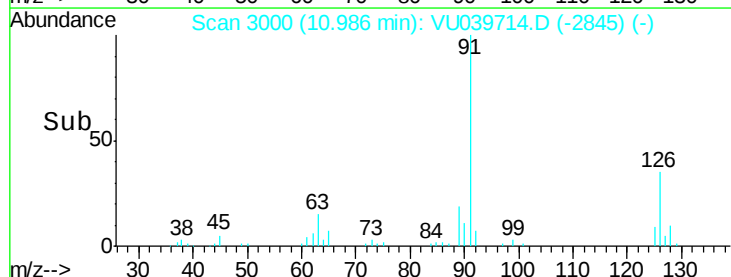
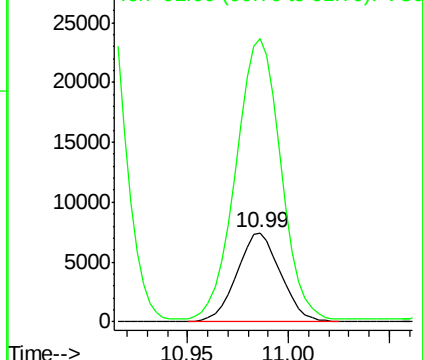
126 100

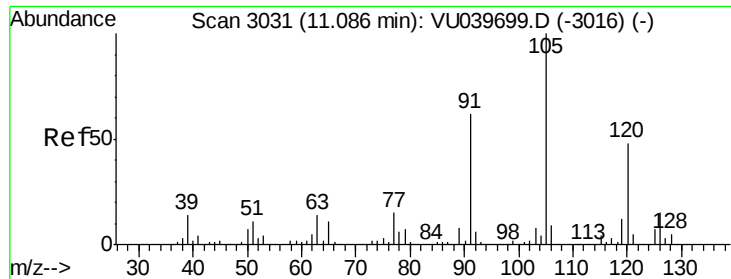
91 323.5 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.643 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

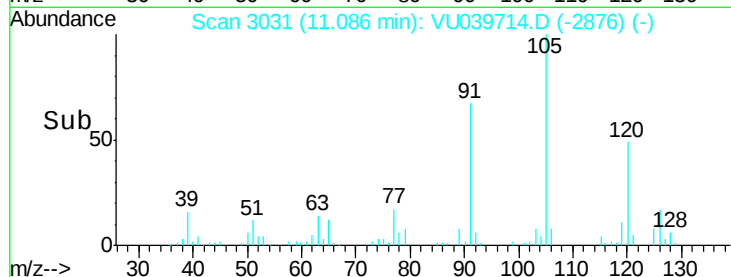
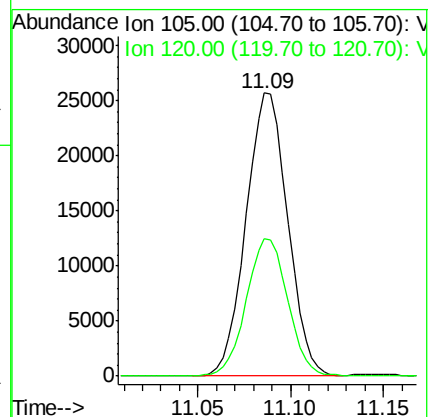
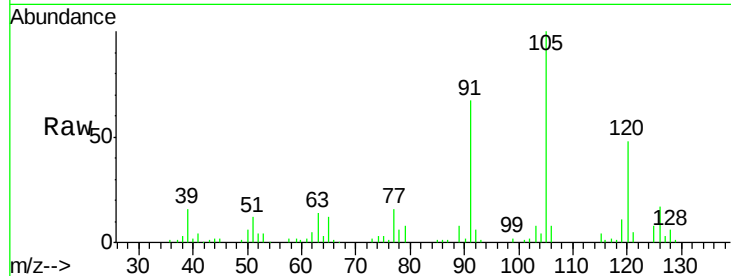
Tot Ion:105 Resp: 40062

Ion Ratio Lower Upper

105 100

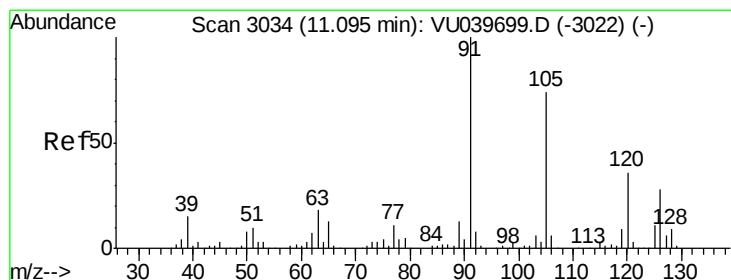
120 48.2 38.0 57.0

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#76

4-Chlorotoluene

Concen: 1.754 ug/l

RT: 11.10 min Scan# 3035

Delta R.T. 0.00 min

Lab File: VU039714.D

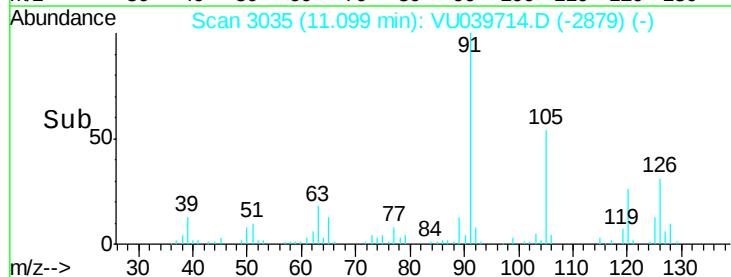
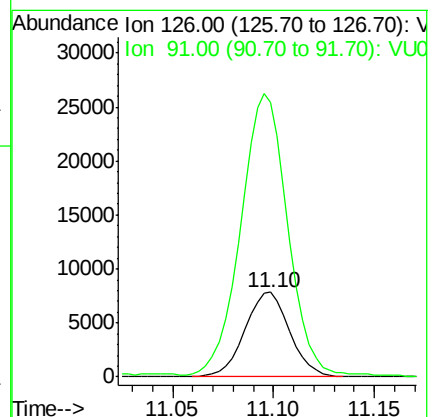
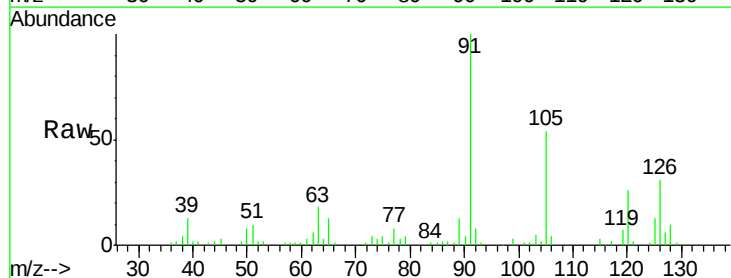
Acq: 29 Jul 2020 20:24

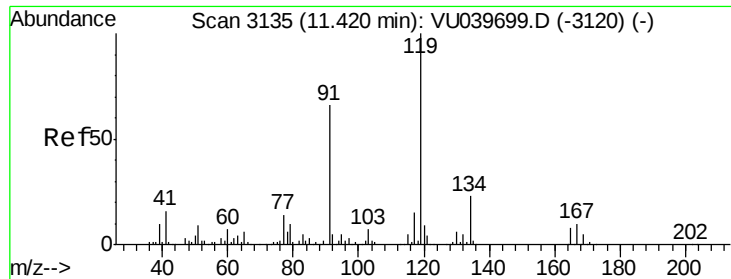
Tgt Ion:126 Resp: 12168

Ion Ratio Lower Upper

126 100

91 348.8 0.0 732.2





#77

tert-Butylbenzene

Concen: 1.627 ug/l

RT: 11.42 min Scan# 3135

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

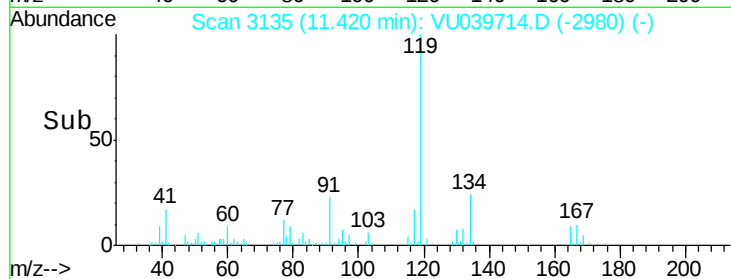
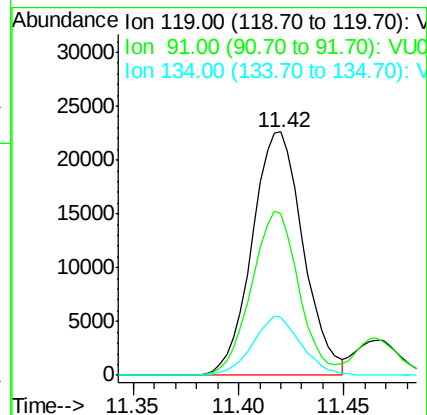
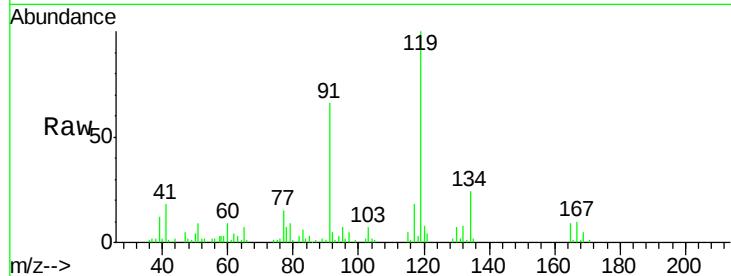
MSVOA_U

ClientSampleId :

VU0729WBSD01

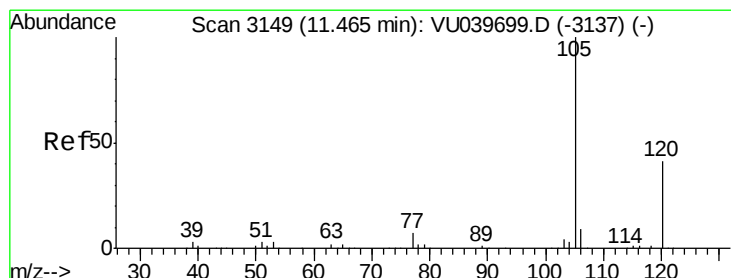
Tot Ion:	119	Resp:	38058
Ion Ratio	Lower	Upper	
119	100		
91	62.3	31.9	95.5
134	23.0	18.2	27.4

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#78

1,2,4-Trimethylbenzene

Concen: 1.634 ug/l

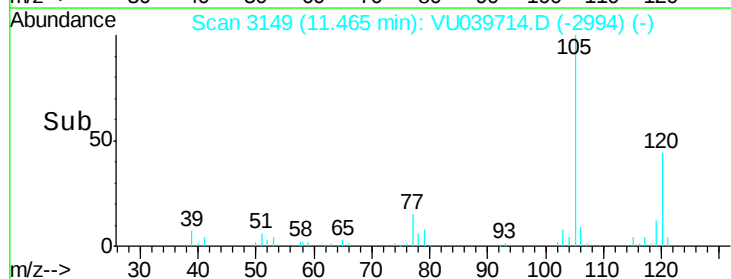
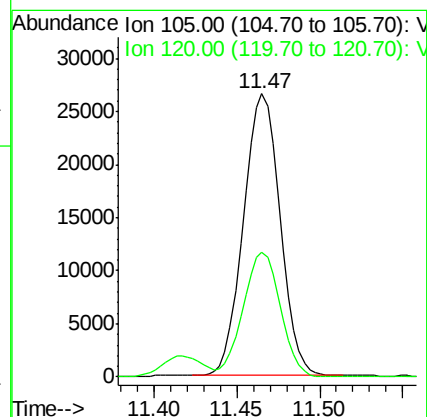
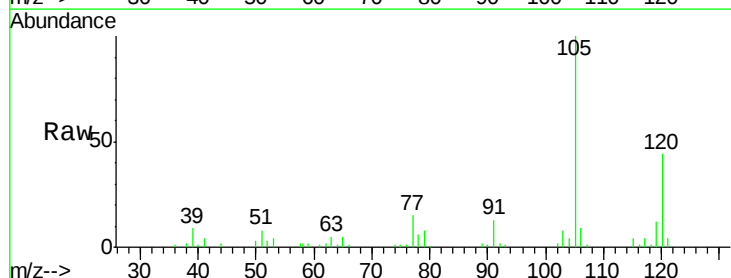
RT: 11.47 min Scan# 3149

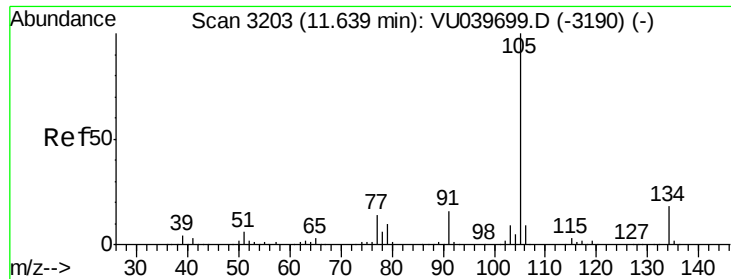
Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tgt Ion:	105	Resp:	40844
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.7	68.0



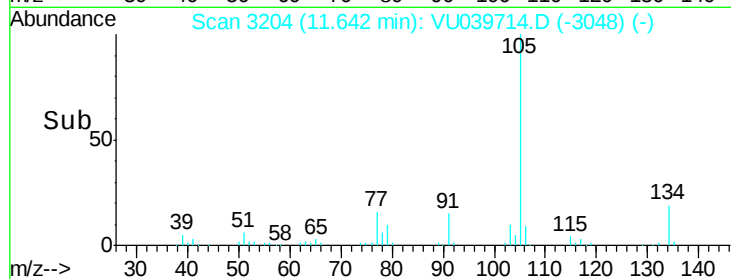
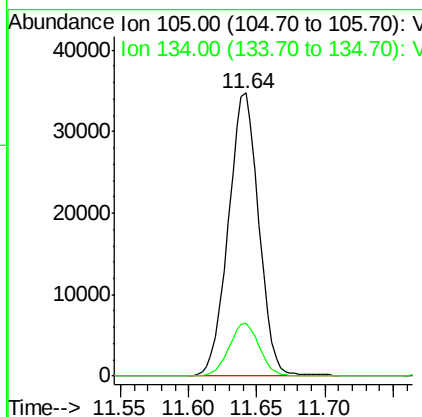
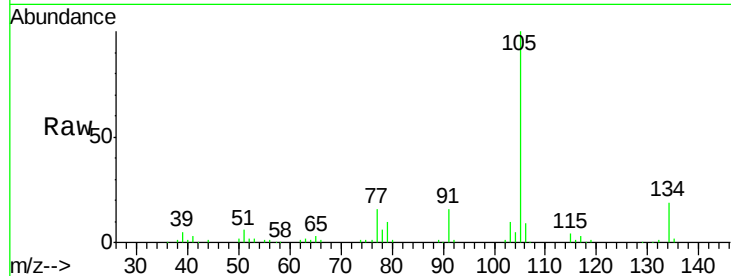


#79
 sec-Butylbenzene
 Concen: 1.620 ug/l
 RT: 11.64 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

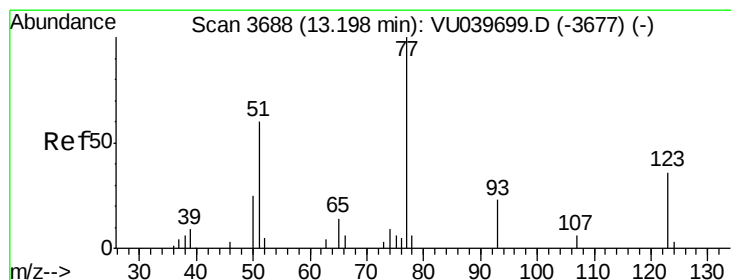
Tot Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.8	22.2

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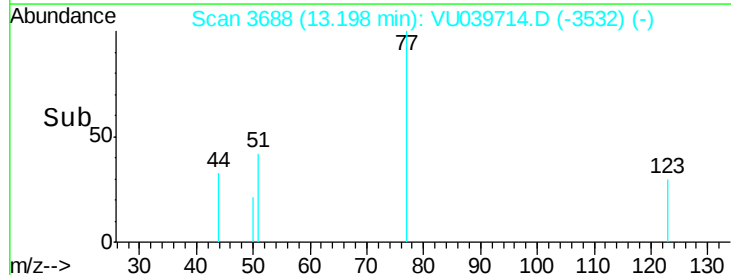
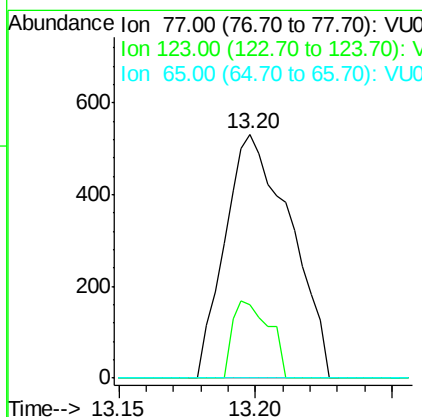
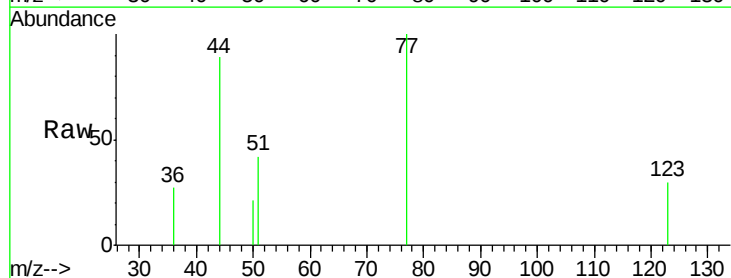
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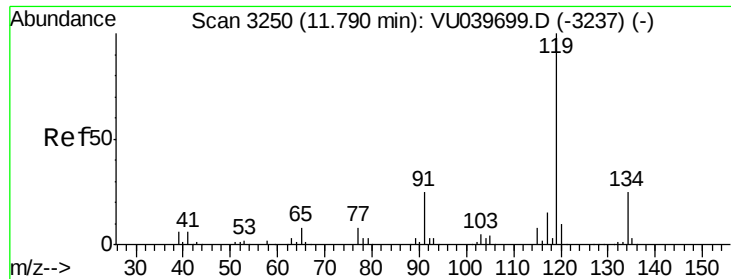
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#80
 Nitrobenzene
 Concen: 7.332 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	17.7	16.9	59.9
65	0.0	14.4	18.4#



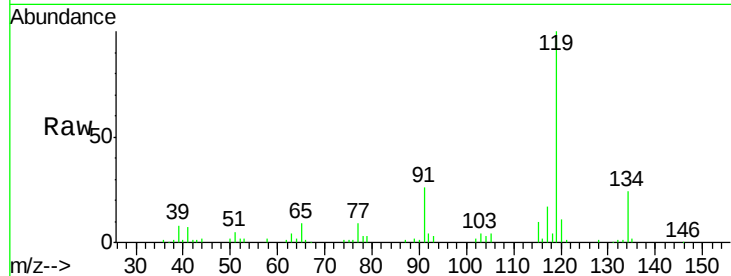


#81
p-Isopropyltoluene
Concen: 1.561 ug/l
RT: 11.79 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

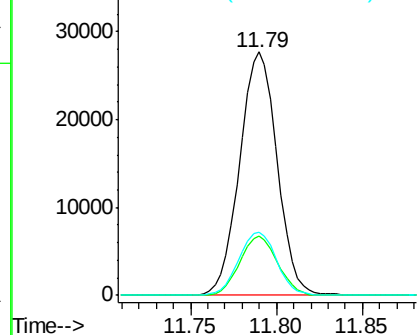
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.4	20.2	30.4
91	26.3	20.7	31.1

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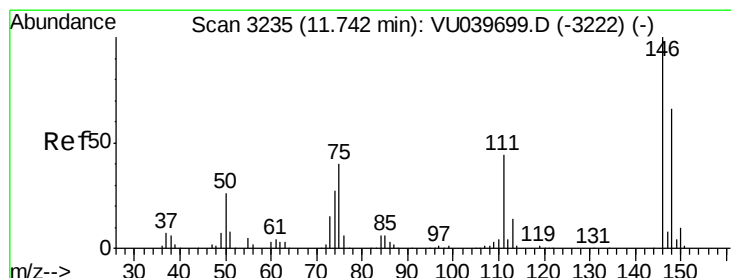
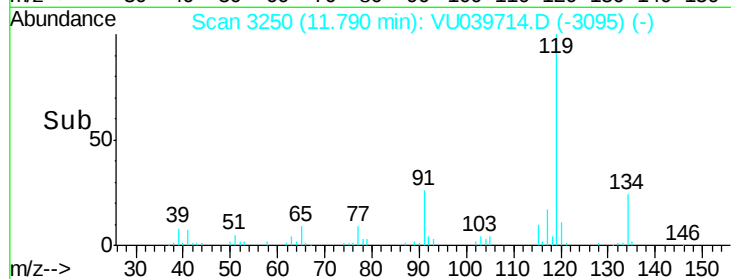


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



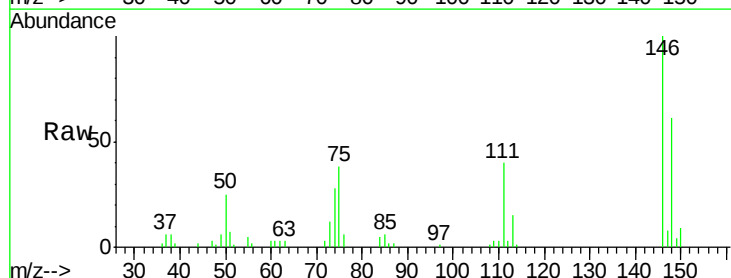
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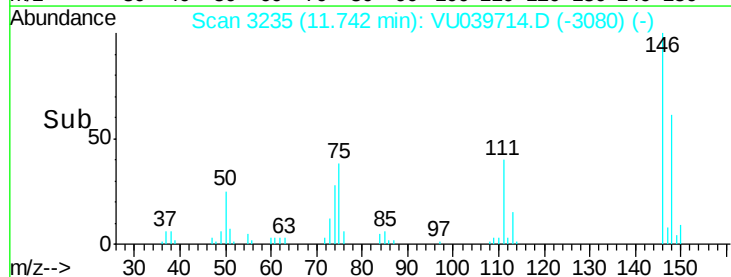
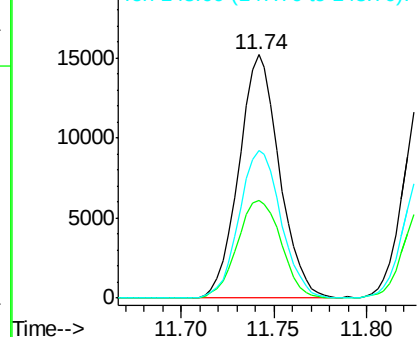


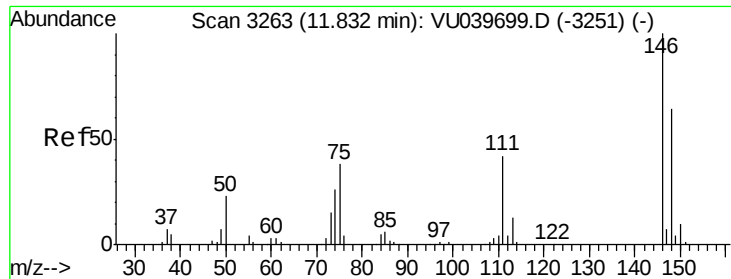
#82
1,3-Dichlorobenzene
Concen: 1.675 ug/l
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	34.5	51.7
148	62.9	51.4	77.0



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



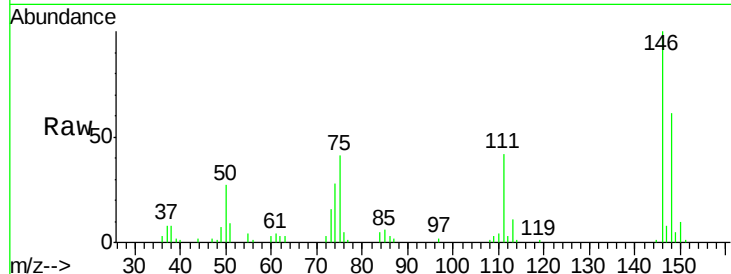


#83
 1,4-Dichlorobenzene
 Concen: 1.690 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

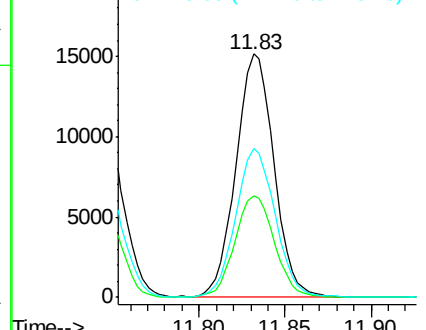
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	33.8	50.6
148	63.4	51.1	76.7

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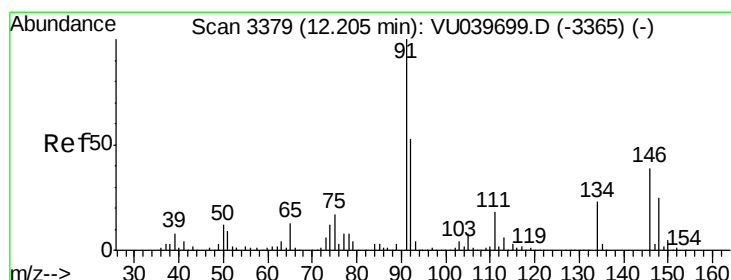
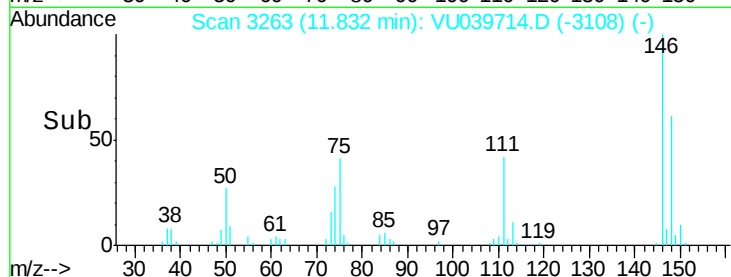


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



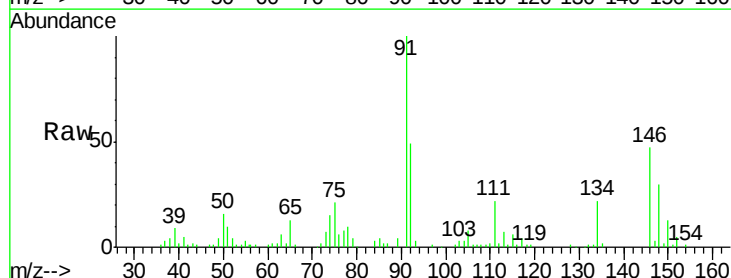
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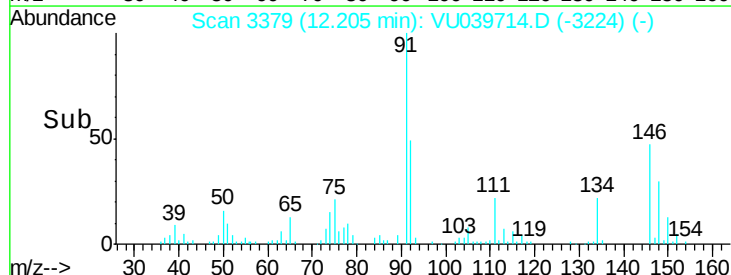
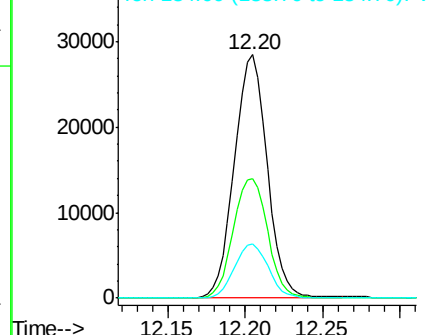


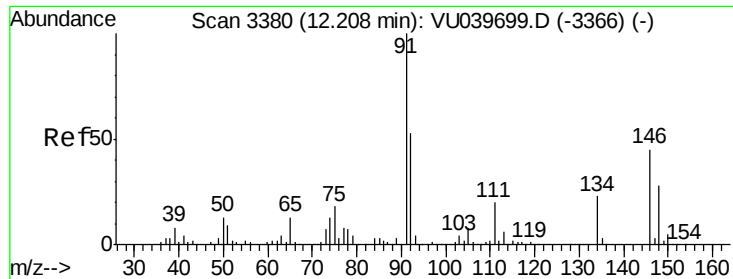
#84
 n-Butylbenzene
 Concen: 1.476 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	42.6	64.0
134	22.7	18.2	27.4



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



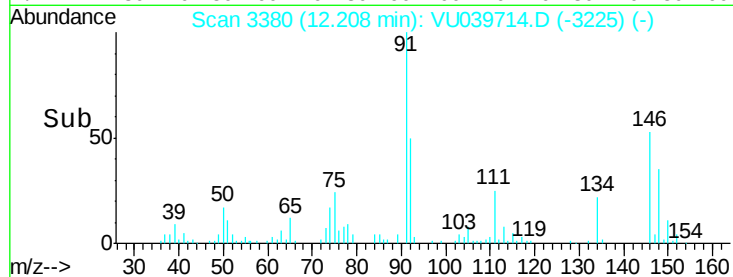
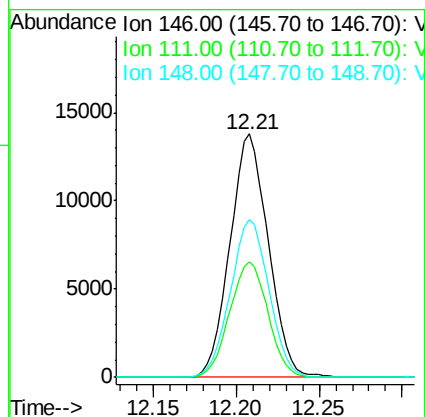
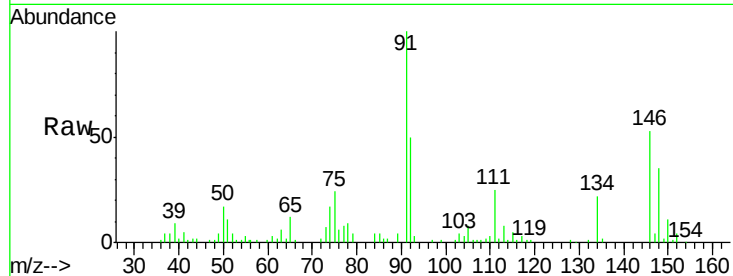


#85
 1,2-Dichlorobenzene
 Concen: 1.670 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

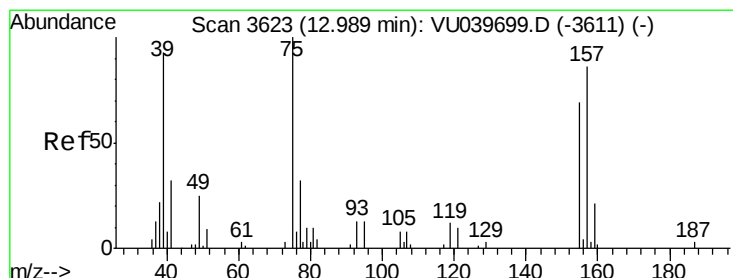
Tot Ion	Ratio	Lower	Upper
146	100		
111	47.2	22.8	68.3
148	65.2	31.7	95.1

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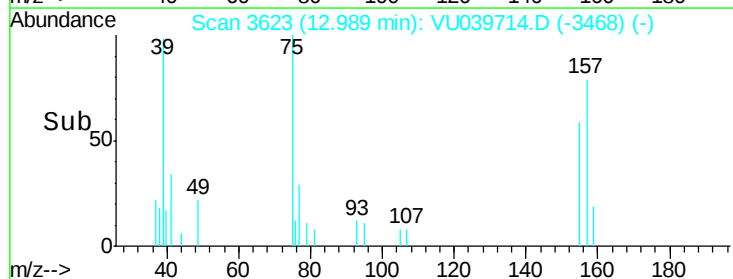
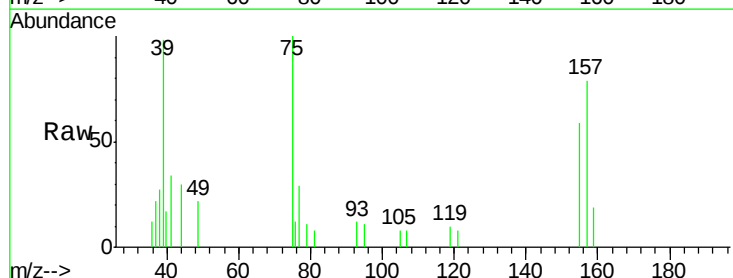
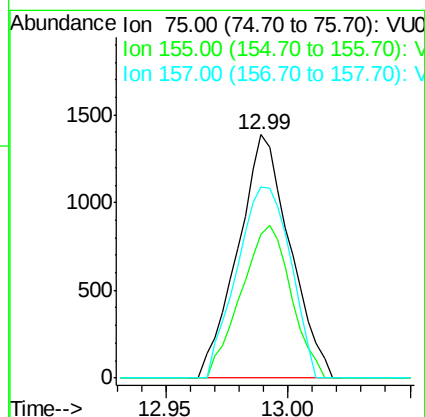
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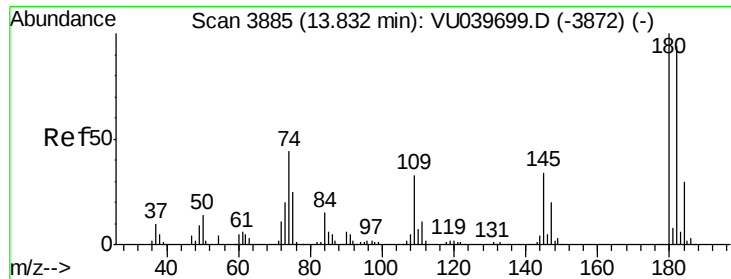
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.703 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.1	52.9	79.3
157	81.1	67.8	101.6



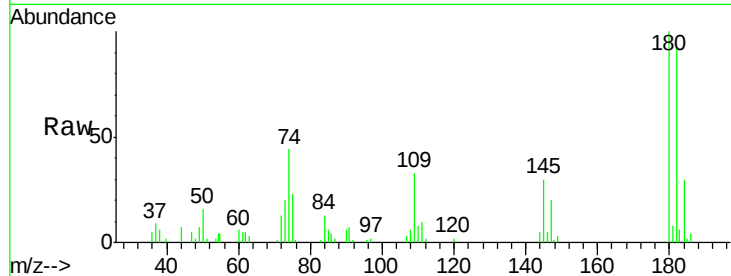


#87
 1,2,4-Trichlorobenzene
 Concen: 1.502 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

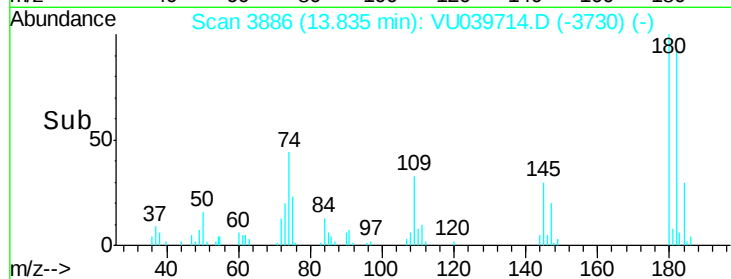
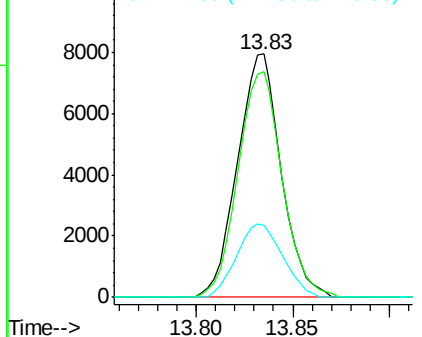
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.4
145	31.5	26.8	40.2

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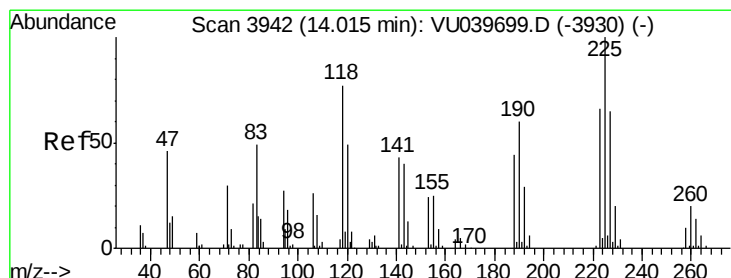


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



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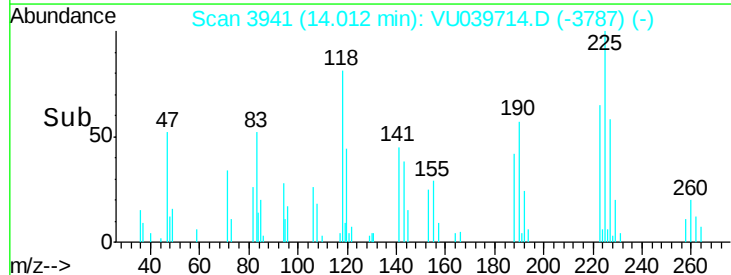
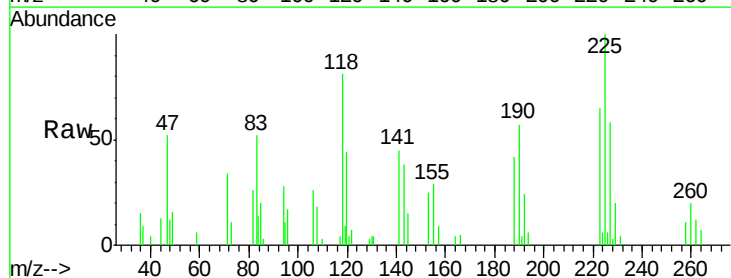
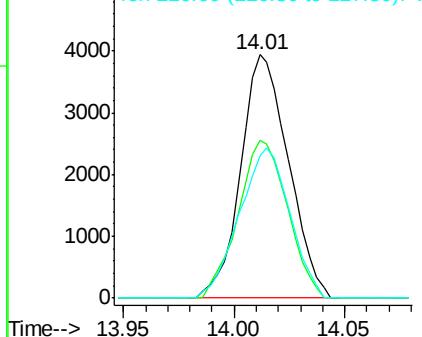
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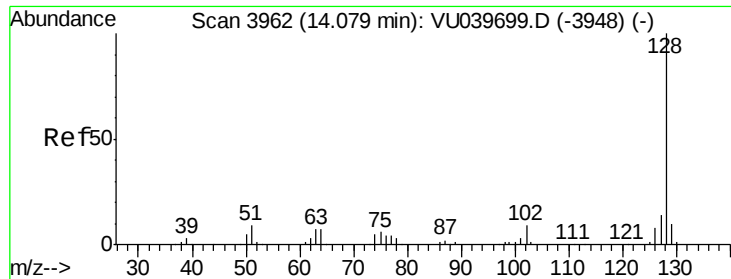


#88
 Hexachlorobutadiene
 Concen: 1.567 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	52.4	78.6
227	65.1	50.7	76.1

Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V



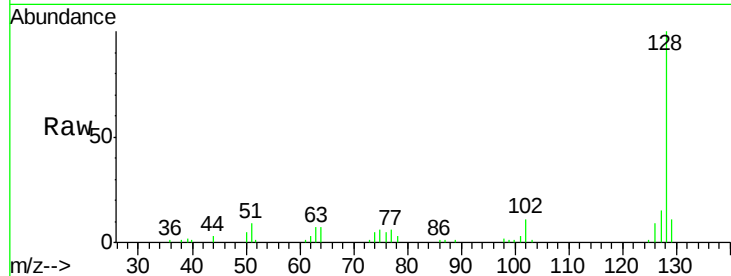


#89
Naphthalene
Concen: 1.500 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

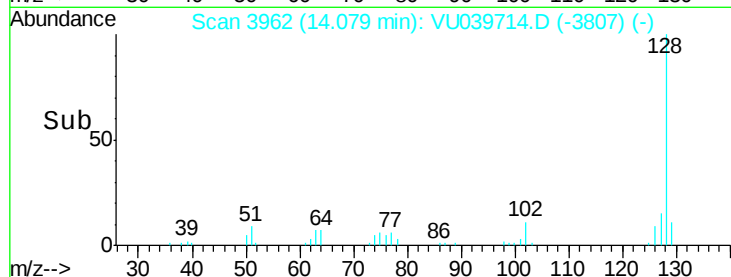
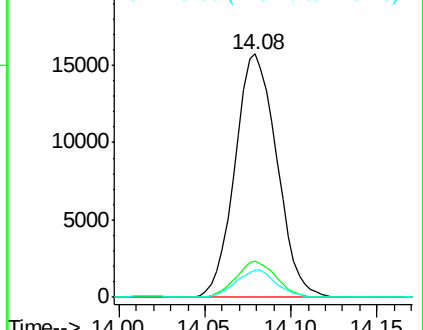
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	11.0	16.4
129	10.8	8.4	12.6

Manual Integrations
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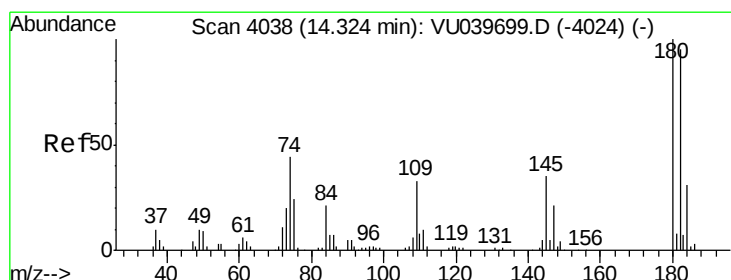


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



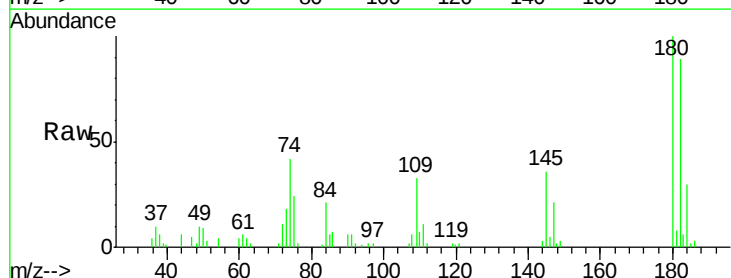
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#90
1,2,3-Trichlorobenzene
Concen: 1.584 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	37.9	27.8	41.6



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

