

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U073020\
 Data File : VU039727.D
 Acq On : 30 Jul 2020 18:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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8/12/2020 6:35:21 PM

Quant Time: Jul 31 07:31:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 13:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	21675	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	8080	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8341	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	72153	9.580	ug/l	98
3) Chloromethane	1.53	50	91722	9.803	ug/l	100
4) Vinyl Chloride	1.61	62	86694	10.054	ug/l	99
5) Bromomethane	1.86	94	56091	9.511	ug/l	96
6) Chloroethane	1.94	64	73005	12.202	ug/l	99
7) Trichlorofluoromethane	2.15	101	118680	10.406	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	65401	9.992	ug/l	99
9) 1,1-Dichloroethene	2.59	96	60419	10.032	ug/l	99
10) Iodomethane	2.73	142	80441	13.243	ug/l	100
11) Allyl Chloride	2.93	41	129506	9.969	ug/l	100
12) Acrylonitrile	3.34	53	44571	21.085	ug/l	95
13) Acetone	2.66	43	95312	47.920	ug/l	97
14) Carbon Disulfide	2.80	76	220039	9.963	ug/l	99
15) Methylene Chloride	3.06	84	82893	9.874	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	69064	10.087	ug/l	98
17) 1,1-Dichloroethane	3.89	63	150000	9.976	ug/l	99
18) 2-Butanone	4.75	43	160437	47.968	ug/l	99
19) Cyclohexane	5.39	56	135250	9.294	ug/l	95
20) Methylcyclohexane	6.77	83	112764	10.457	ug/l	99
21) 2,2-Dichloropropane	4.68	77	113742	9.274	ug/l	98
22) cis-1,2-Dichloroethene	4.68	96	74292	10.066	ug/l	99
23) Diethyl Ether	2.39	59	62130	10.090	ug/l	97
24) tert-Butyl Alcohol	3.26	59	65585	88.523	ug/l	96
25) Methyl tert-Butyl Ether	3.39	73	199979	10.177	ug/l	100
26) Bromochloromethane	4.99	128	30100	9.968	ug/l	96
27) Chloroform	5.11	83	140145	9.960	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	115564	10.150	ug/l	99
29) 1,1-Dichloropropene	5.54	75	107181	9.776	ug/l	99
30) Carbon Tetrachloride	5.53	117	93070	9.997	ug/l	99
31) Isopropyl Ether	4.02	45	276573	10.086	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	237022	10.157	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	164543	9.780	ug/l	99
34) Propionitrile	4.82	54	45912	55.644	ug/l #	94
35) Benzene	5.79	78	263964	9.733	ug/l	100
36) 1,2-Dichloroethane	5.81	62	97765	9.616	ug/l	100
37) Trichloroethene	6.55	130	61384	9.893	ug/l	96
38) 1,2-Dichloropropane	6.81	63	77454	10.362	ug/l	100
39) Methacrylonitrile	5.00	41	40330	9.275	ug/l	99
40) Methyl acrylate	4.87	55	59673	10.642	ug/l	98
41) Tetrahydrofuran	5.09	42	43065	19.685	ug/l	97
42) 1-Chlorobutane	5.47	56	173524	10.084	ug/l	99

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Manual Integrations
 APPROVED

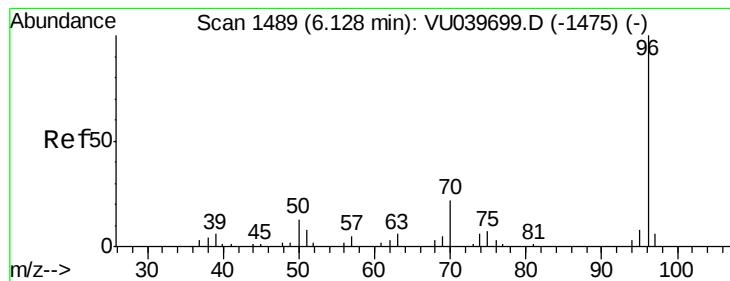
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Quant Time: Jul 31 07:31:42 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	39384	9.791	ug/l	100
44) Bromodichloromethane	7.12	83	92562	10.037	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	313017	51.372	ug/l	99
46) t-1,4-Dichloro-2-butene	10.84	75	30468m	16.812	ug/l	
47) Methyl methacrylate	6.98	69	78298	20.870	ug/l	98
48) Ethyl methacrylate	8.35	69	72065	10.436	ug/l	98
49) Toluene	7.98	92	165978	10.282	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	84877	10.218	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	98226	10.061	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	52590	10.063	ug/l	98
53) 1,3-Dichloropropane	8.58	76	99723	9.938	ug/l	99
54) 2-Hexanone	8.70	43	226866	52.003	ug/l	99
55) Dibromochloromethane	8.82	129	56901	10.139	ug/l	99
56) 1,2-Dibromoethane	8.93	107	51530	10.233	ug/l	99
58) Tetrachloroethene	8.56	164	54403	10.015	ug/l	96
59) Chlorobenzene	9.45	112	168406	10.088	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	57106	10.146	ug/l	99
61) Pentachloroethane	11.43	117	48120	9.731	ug/l	98
62) Hexachloroethane	12.47	117	45515	10.042	ug/l	100
63) Ethyl Benzene	9.57	91	314688	10.519	ug/l	100
64) m/p-Xylenes	9.70	106	250885	21.465	ug/l	98
65) o-Xylene	10.10	106	117027	10.546	ug/l	97
66) Styrene	10.11	104	205029	10.781	ug/l	100
67) Bromoform	10.29	173	29693	10.372	ug/l	97
69) Isopropylbenzene	10.48	105	306736	10.349	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	74280	9.874	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	67974m	11.994	ug/l	
72) Bromobenzene	10.78	156	66074	9.816	ug/l	97
73) n-propylbenzene	10.91	120	85626	10.275	ug/l	97
74) 2-Chlorotoluene	10.99	126	70777	10.053	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	271869	10.610	ug/l	99
76) 4-Chlorotoluene	11.10	126	76471	10.487	ug/l	96
77) tert-Butylbenzene	11.42	119	252743	10.282	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	282865	10.764	ug/l	100
79) sec-Butylbenzene	11.64	105	358736	10.253	ug/l	99
80) Nitrobenzene	13.20	77	6297	49.464	ug/l	96
81) p-Isopropyltoluene	11.79	119	294158	10.432	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	140177	9.675	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	142213	9.758	ug/l	99
84) n-Butylbenzene	12.20	91	303969	10.149	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	134904	9.660	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	12701	10.022	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	82778	9.478	ug/l	99
88) Hexachlorobutadiene	14.01	225	37095	9.352	ug/l	99
89) Naphthalene	14.08	128	191951	10.272	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	82320	9.984	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 96 Resp: 21675

Ion Ratio Lower Upper

96 100

70 21.0 16.3 24.5

95 9.4 6.8 10.2

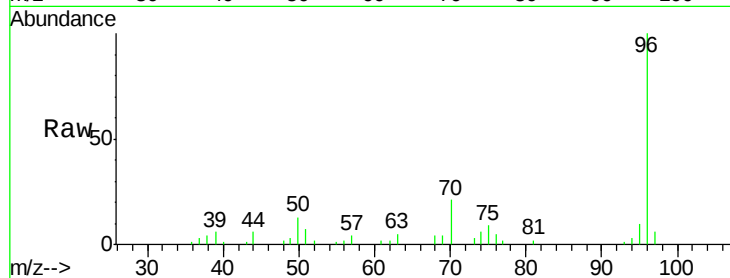
97 0.0 0.0 0.0

Manual Integrations

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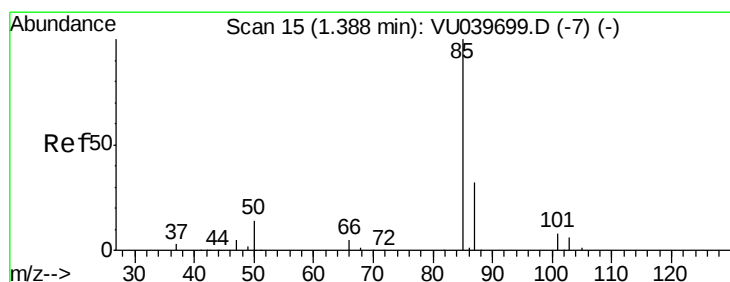
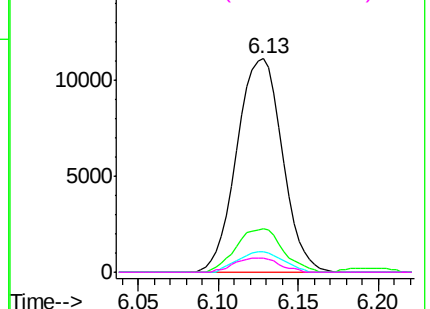
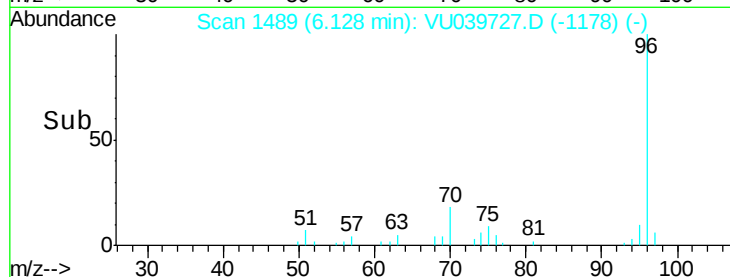


Abundance Ion 96.00 (95.70 to 96.70): VU039727.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039727.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039727.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039727.D (-1178) (-)



#2

Dichlorodifluoromethane

Concen: 9.580 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU039727.D

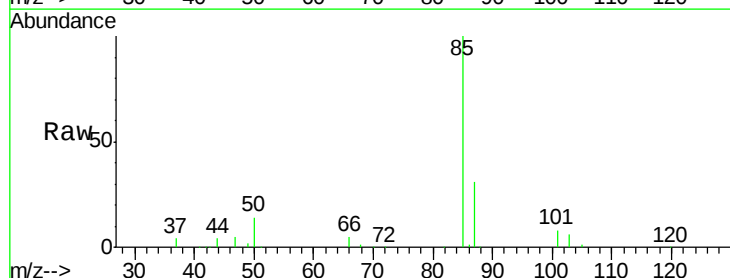
Acq: 30 Jul 2020 18:59

Tgt Ion: 85 Resp: 72153

Ion Ratio Lower Upper

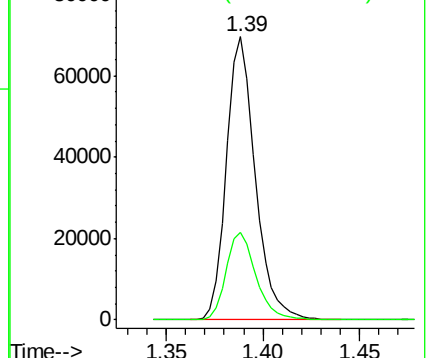
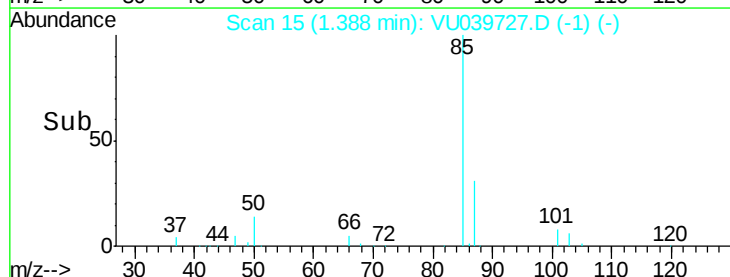
85 100

87 31.1 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039727.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039727.D (-1) (-)





#3
Chloromethane
Concen: 9.803 ug/l
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

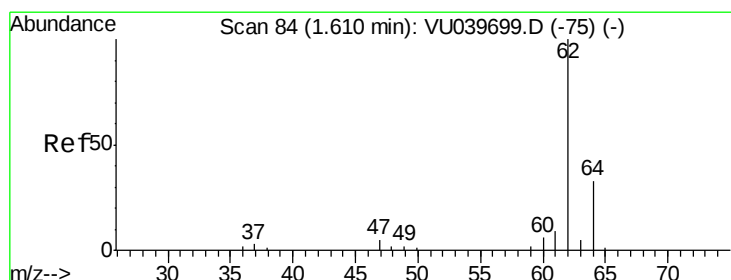
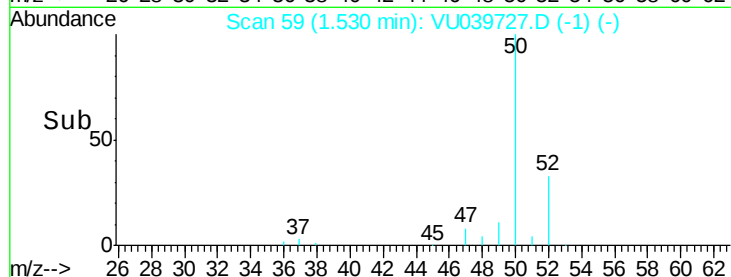
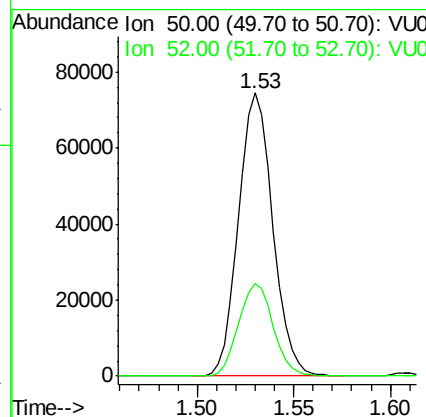
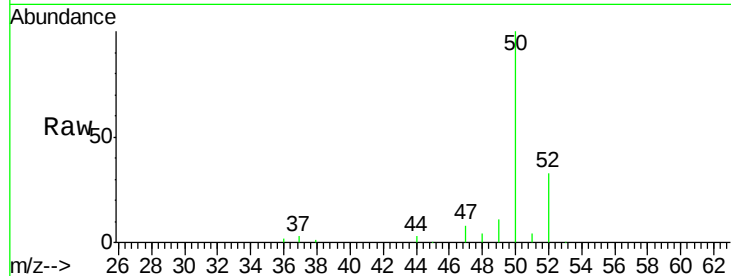
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 50 Resp: 91722
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0

Manual Integrations
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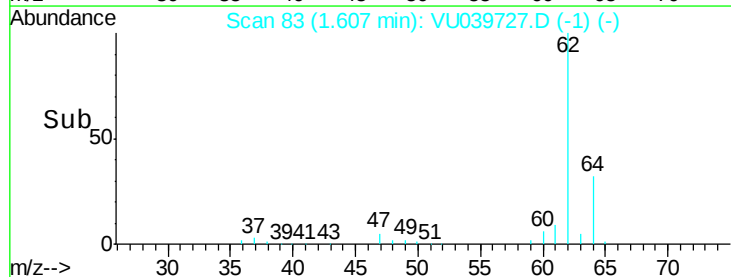
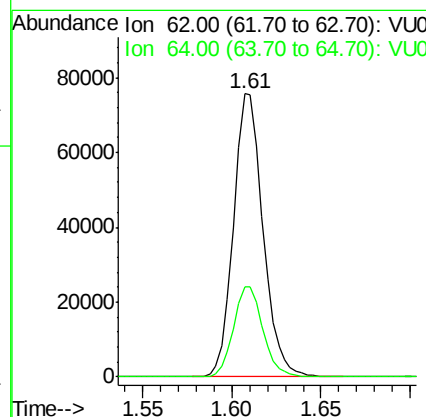
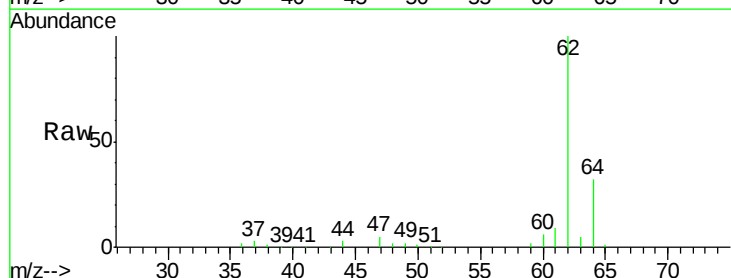
MMDadoda

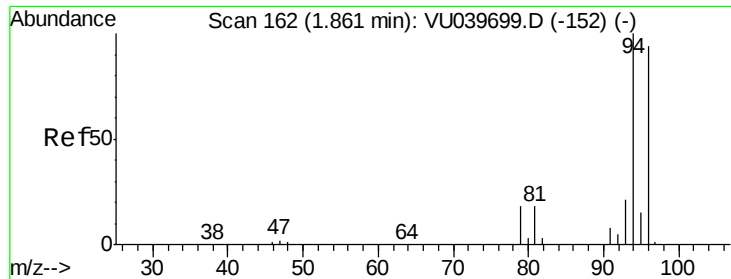
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#4
Vinyl Chloride
Concen: 10.054 ug/l
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 62 Resp: 86694
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5

Bromomethane

Concen: 9.511 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 94 Resp: 56091

Ion Ratio Lower Upper

94 100

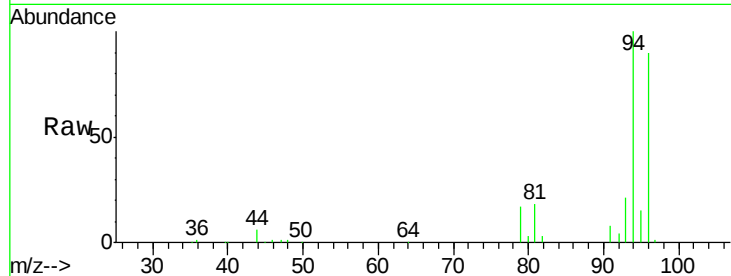
96 89.8 75.0 112.6

Manual Integrations

APPROVED

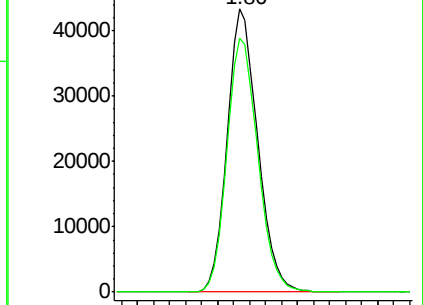
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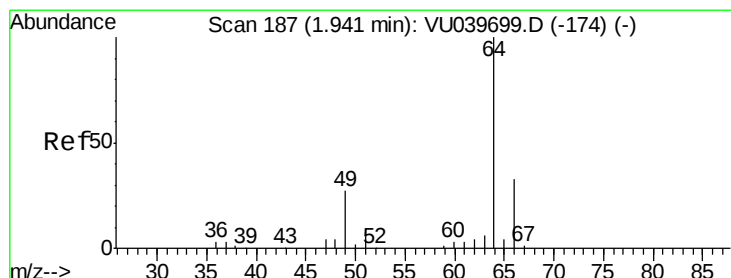
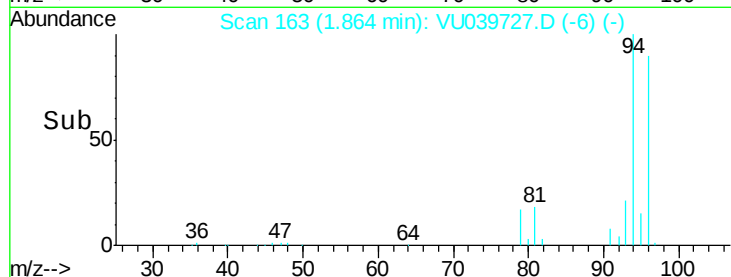


Abundance Ion 94.00 (93.70 to 94.70): VU039727.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039727.D (-152) (-)



Time-->



#6

Chloroethane

Concen: 12.202 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039727.D

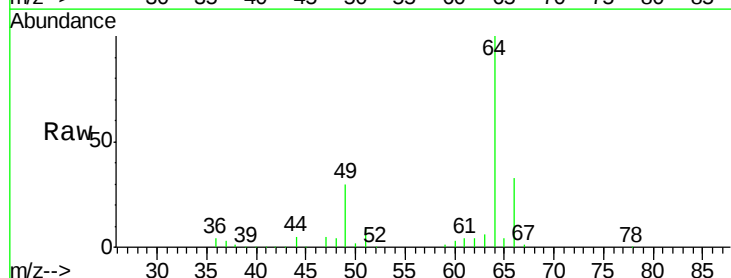
Acq: 30 Jul 2020 18:59

Tgt Ion: 64 Resp: 73005

Ion Ratio Lower Upper

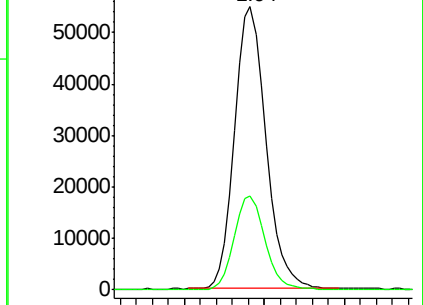
64 100

66 33.4 26.2 39.2

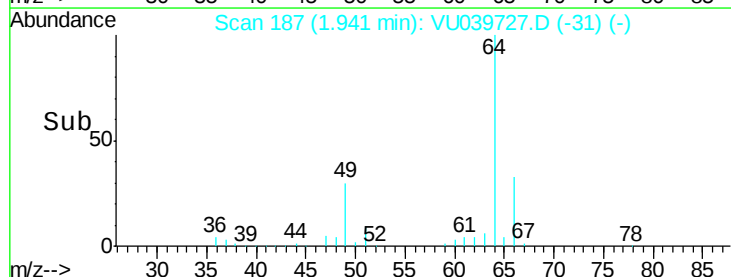


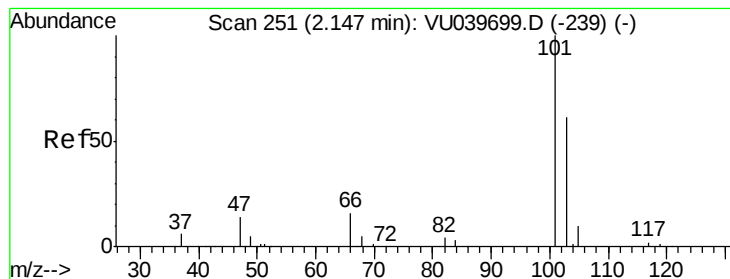
Abundance Ion 64.00 (63.70 to 64.70): VU039727.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039727.D (-174) (-)



Time-->





#7

Trichlorofluoromethane
Concen: 10.406 ug/l
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

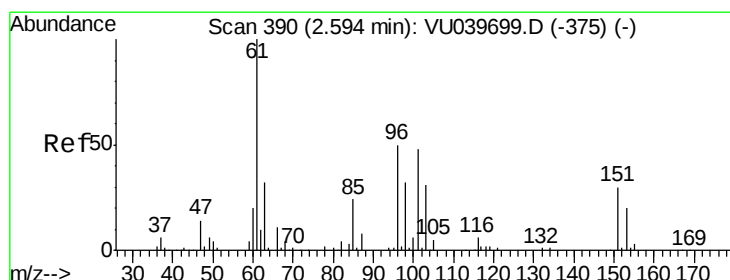
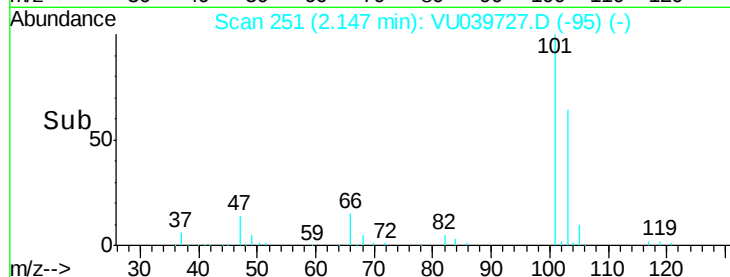
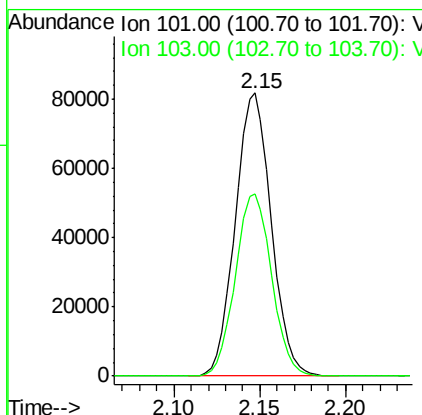
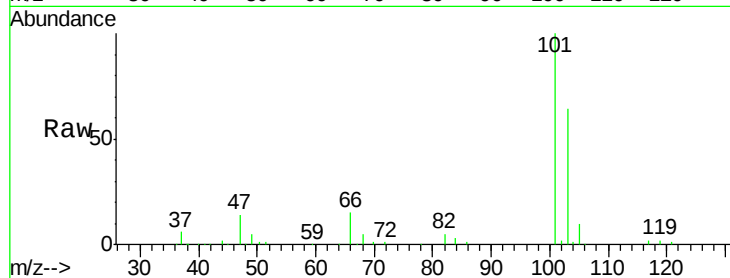
Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	48.8	73.2

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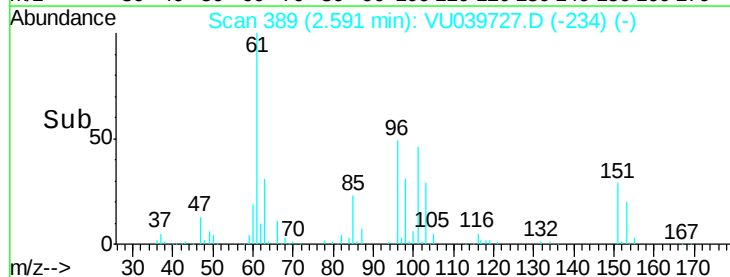
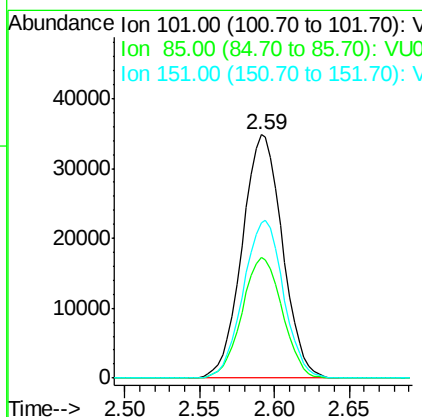
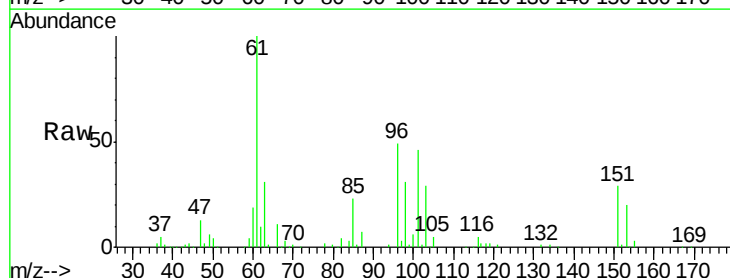
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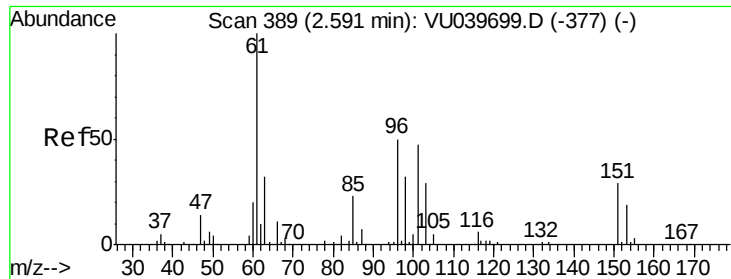


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.992 ug/l
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
101	100		
85	49.4	39.9	59.9
151	64.3	51.0	76.4





#9

1,1-Dichloroethene

Concen: 10.032 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

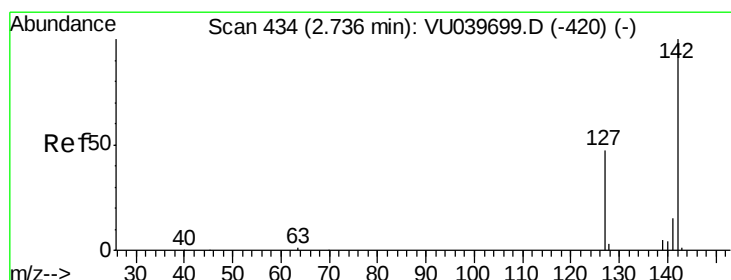
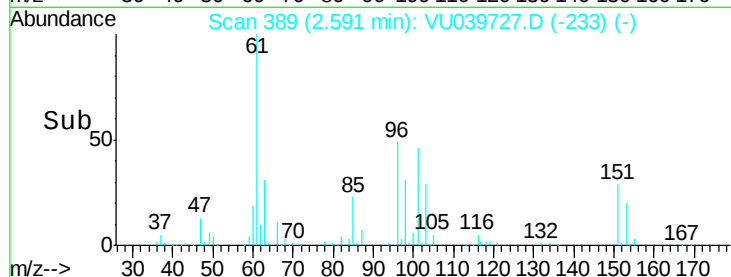
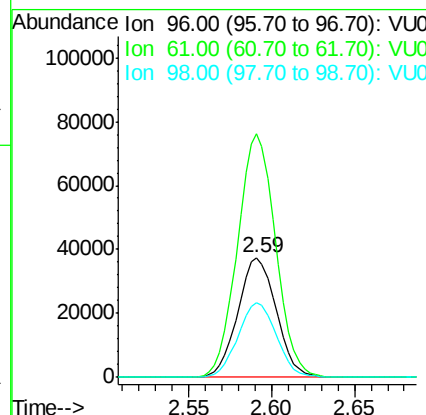
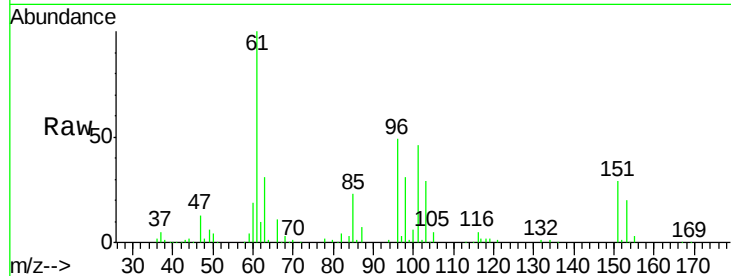
VSTDCCC010EC

Tot Ion:	96	Resp:	60419
Ion	Ratio	Lower	Upper
96	100		
61	202.7	0.0	604.5
98	62.5	0.0	127.2

Manual Integrations
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8/12/2020 6:35:21 PM



#10

Iodomethane

Concen: 13.243 ug/l

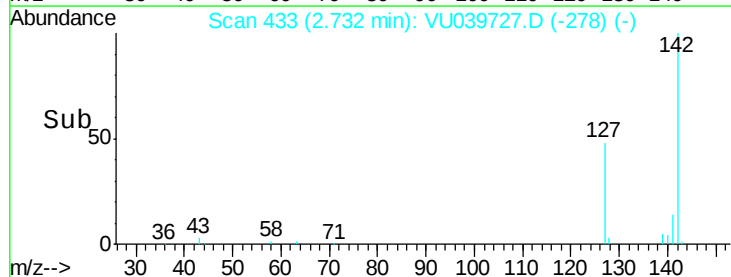
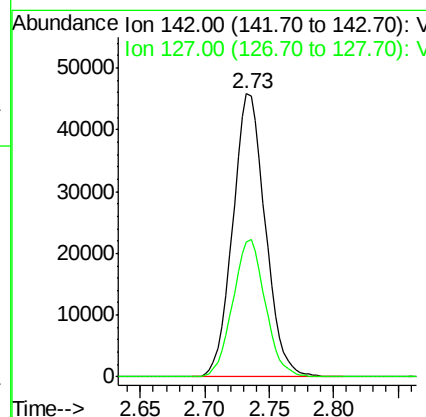
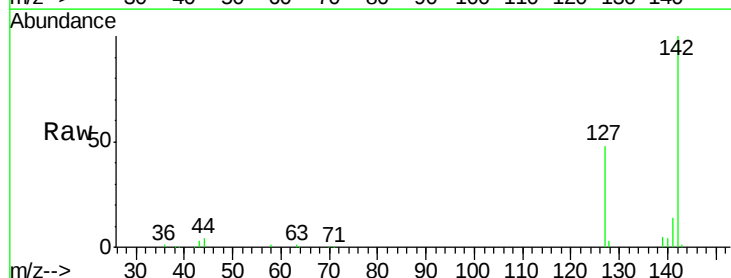
RT: 2.73 min Scan# 433

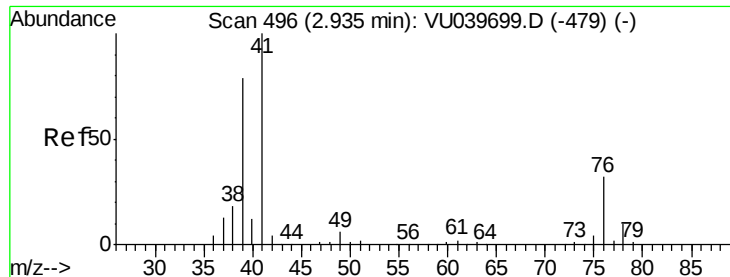
Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Tgt Ion:	142	Resp:	80441
Ion	Ratio	Lower	Upper
142	100		
127	48.2	38.4	57.6





#11
Allvl Chloride
Concen: 9.969 ug/l
RT: 2.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

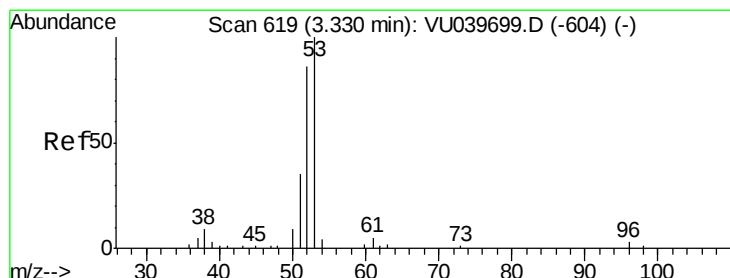
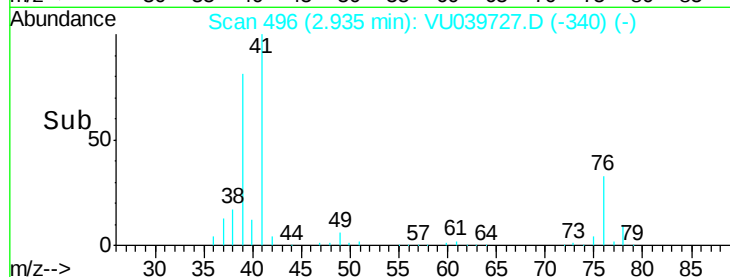
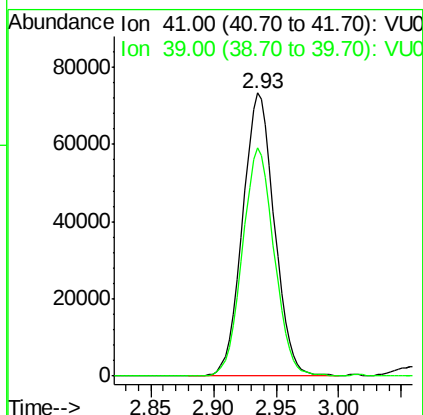
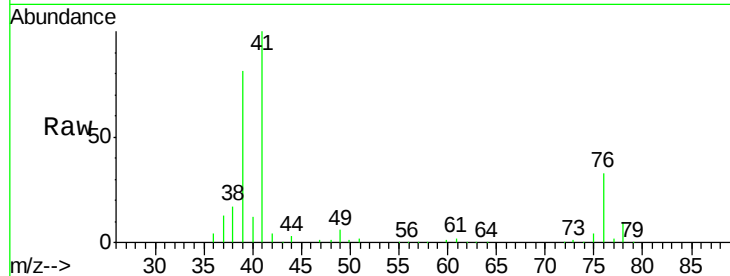
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	80.6	64.2	96.2

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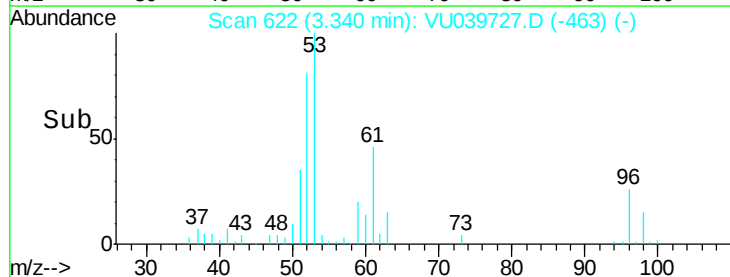
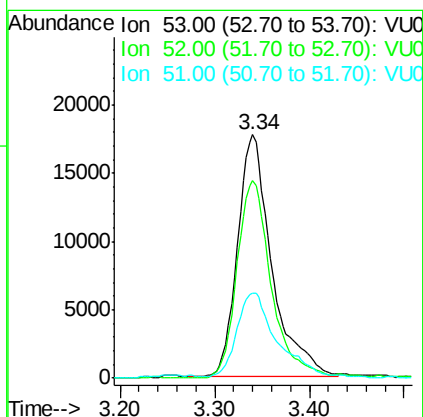
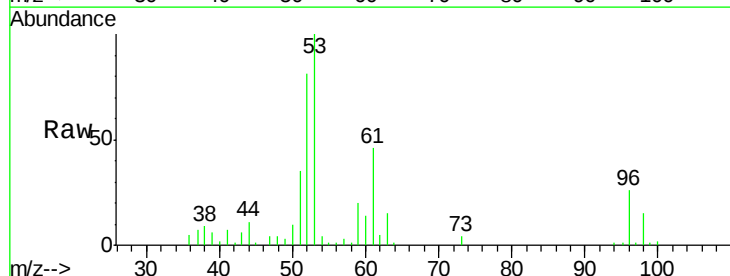
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8/12/2020 6:35:21 PM



#12
Acrylonitrile
Concen: 21.085 ug/l
RT: 3.34 min Scan# 622
Delta R.T. 0.01 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.8	69.1	103.7
51	39.1	29.4	44.2





#13

Acetone

Concen: 47.920 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.02 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 95312

Ion Ratio Lower Upper

43 100

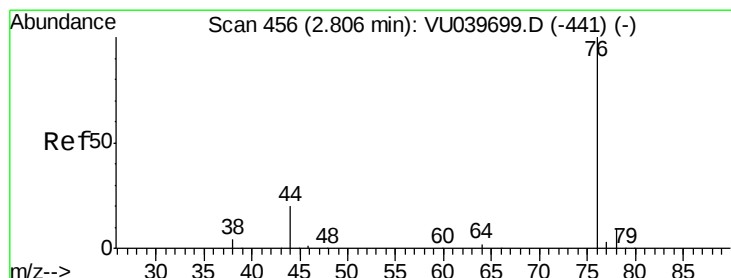
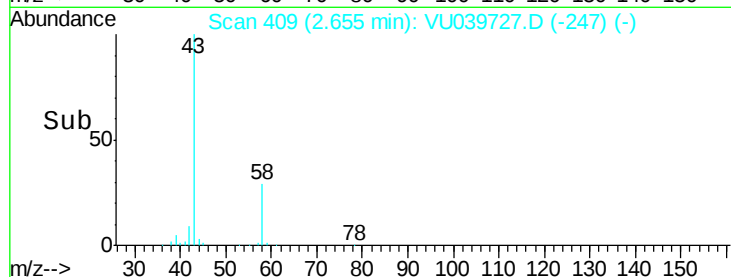
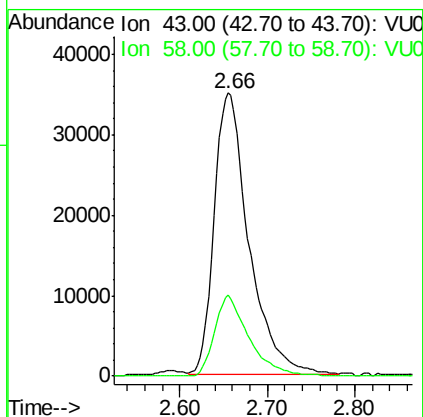
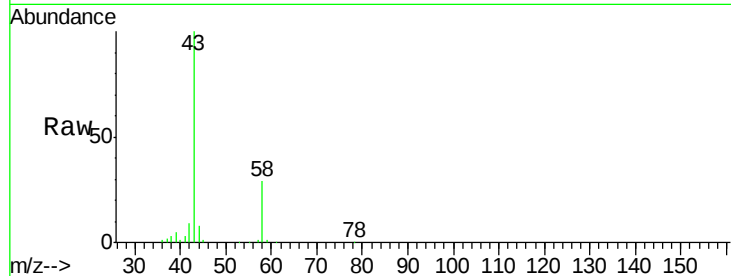
58 28.8 21.8 32.6

Manual Integrations

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#14

Carbon Disulfide

Concen: 9.963 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039727.D

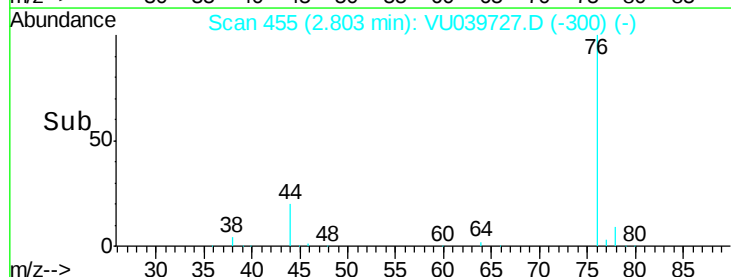
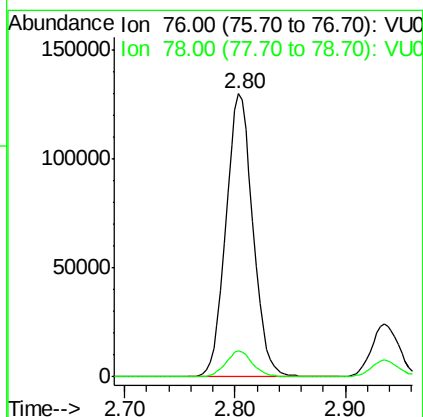
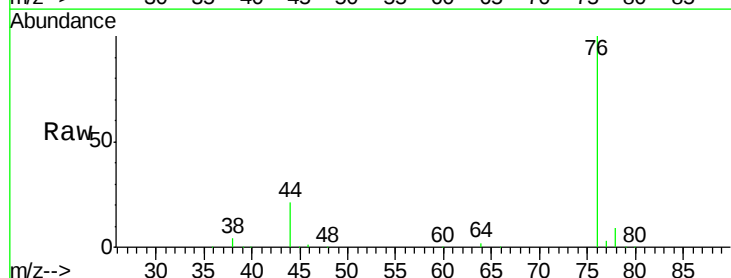
Acq: 30 Jul 2020 18:59

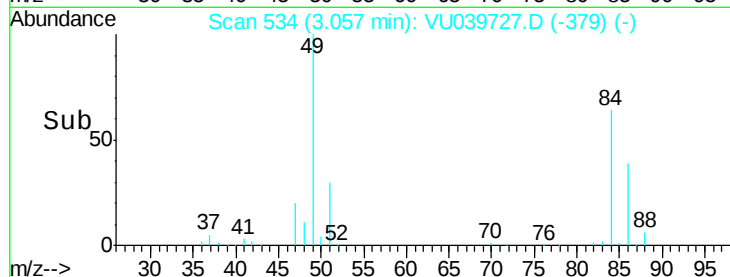
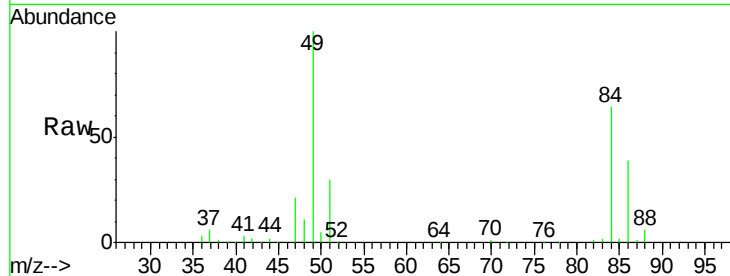
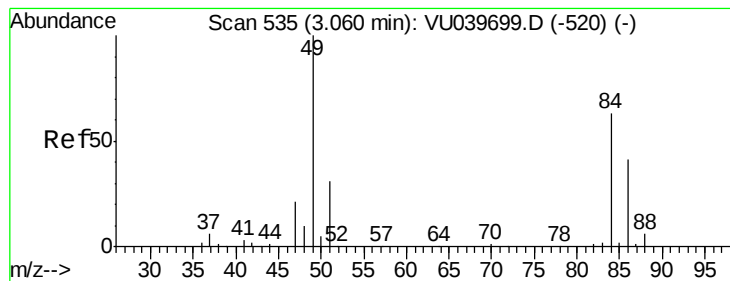
Tgt Ion: 76 Resp: 220039

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6





#15

Methylene Chloride

Concen: 9.874 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Tot Ion:	84	Resp:	82893
Ion	Ratio	Lower	Upper
84	100		
49	156.7	126.8	190.2
51	47.7	0.0	97.2
86	61.5	51.4	77.2

Instrument :

MSVOA_U

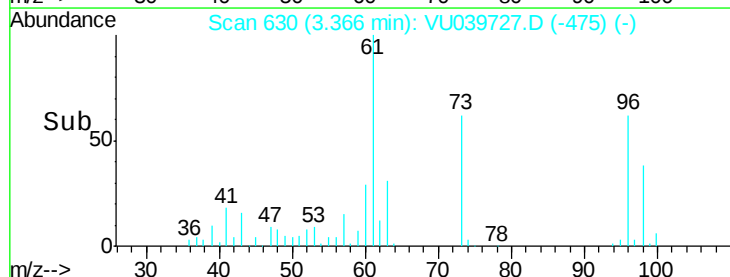
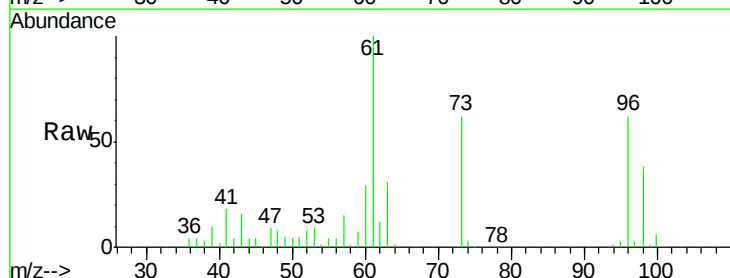
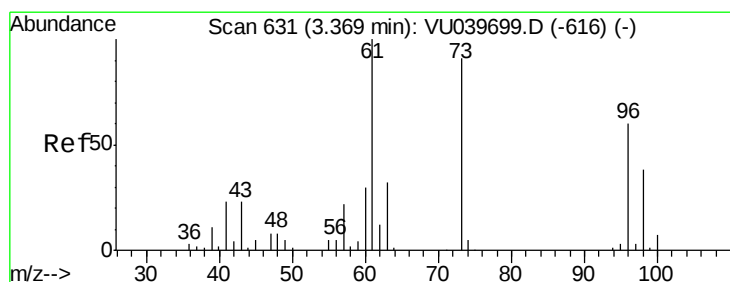
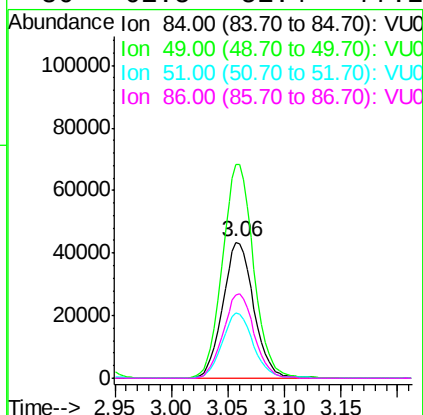
ClientSampleId :

VSTDCCC010EC

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#16

trans-1,2-Dichloroethene

Concen: 10.087 ug/l

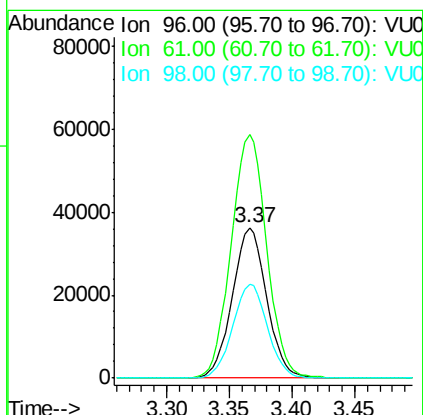
RT: 3.37 min Scan# 630

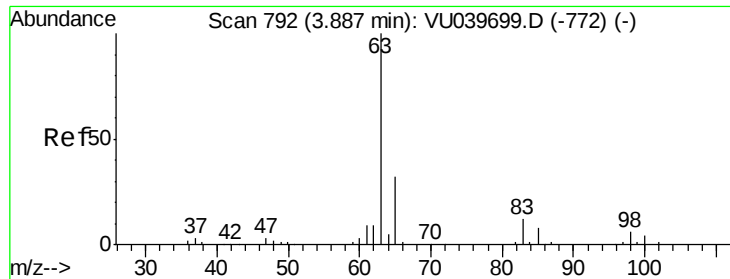
Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Tgt Ion:	96	Resp:	69064
Ion	Ratio	Lower	Upper
96	100		
61	162.1	132.6	199.0
98	62.2	50.2	75.2





#17
 1,1-Dichloroethane
 Concen: 9.976 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

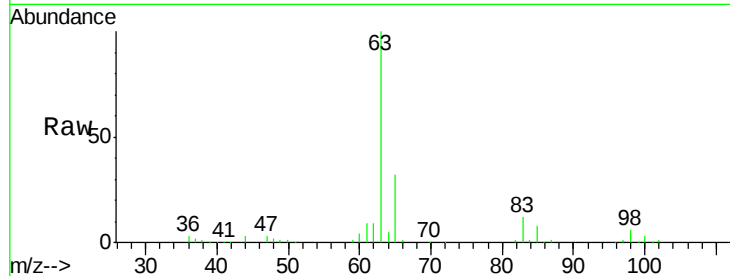
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	63	Resp:	150000
Ion Ratio	Lower	Upper	
63	100		
98	5.9	2.9	8.7
100	3.4	2.0	6.0

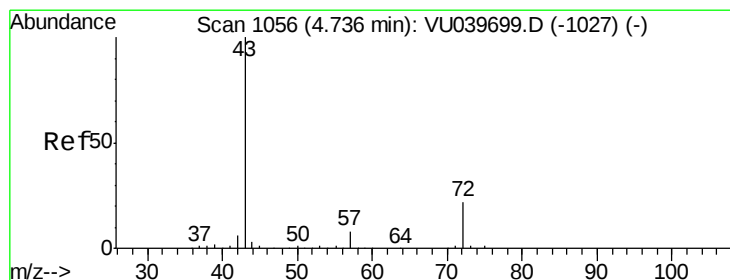
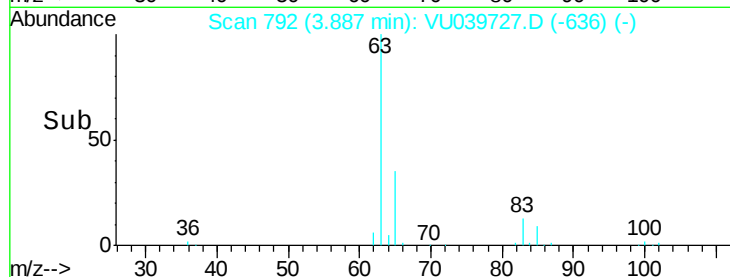
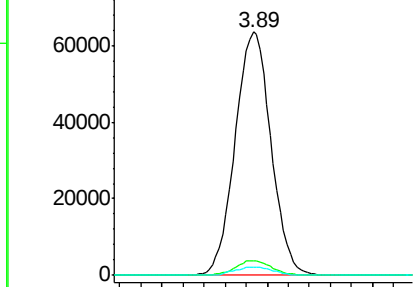
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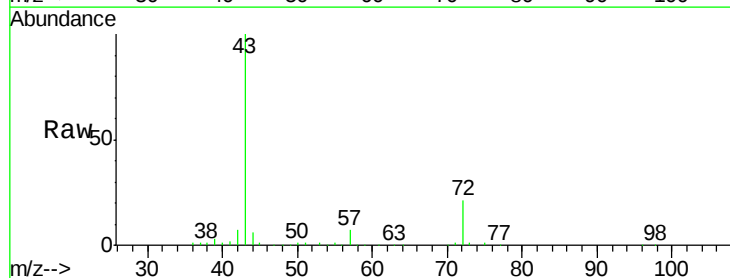


Abundance Ion 63.00 (62.70 to 63.70): VU039727.D (-636) (-)
 Ion 98.00 (97.70 to 98.70): VU039727.D (-900) (-)
 Ion 100.00 (99.70 to 100.70): VU039727.D (-900) (-)

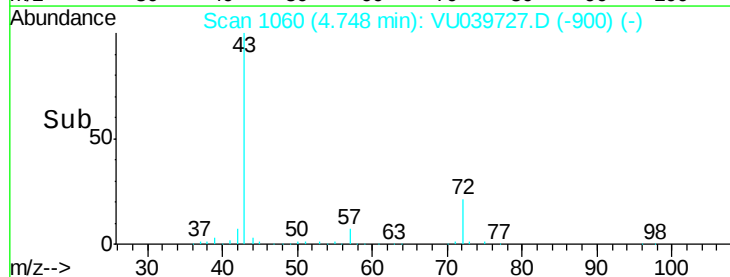
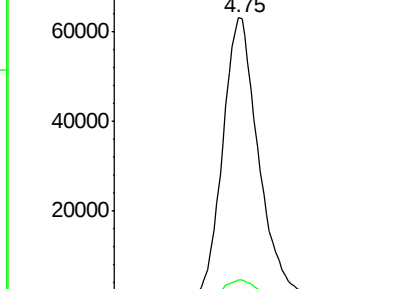


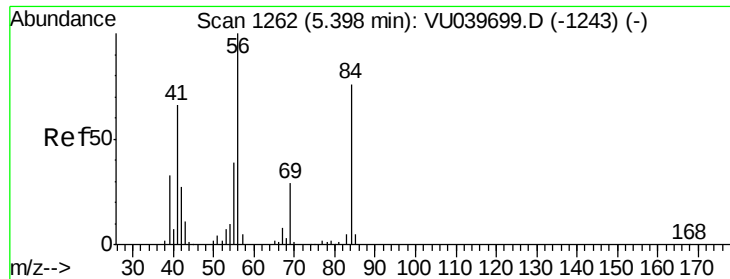
#18
 2-Butanone
 Concen: 47.968 ug/l
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion:	43	Resp:	160437
Ion Ratio	Lower	Upper	
43	100		
57	7.4	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039727.D (-900) (-)
 Ion 57.00 (56.70 to 57.70): VU039727.D (-900) (-)





#19
Cyclohexane
Concen: 9.294 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

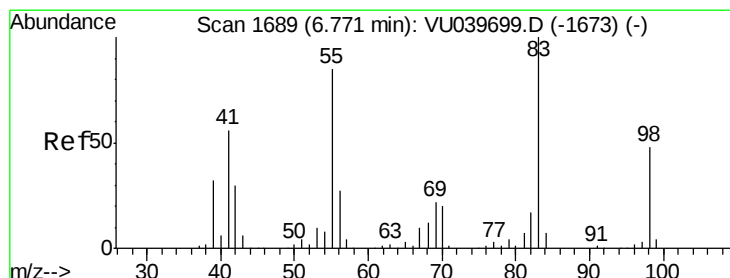
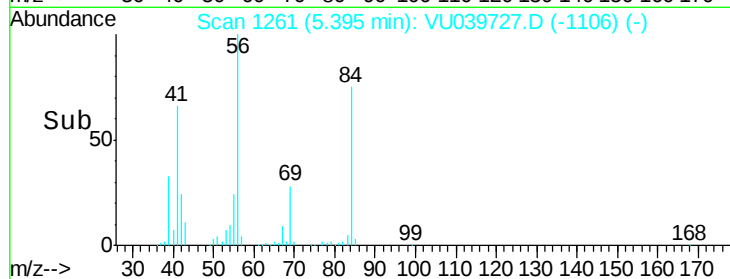
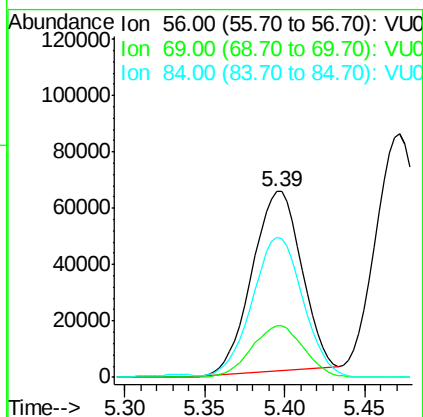
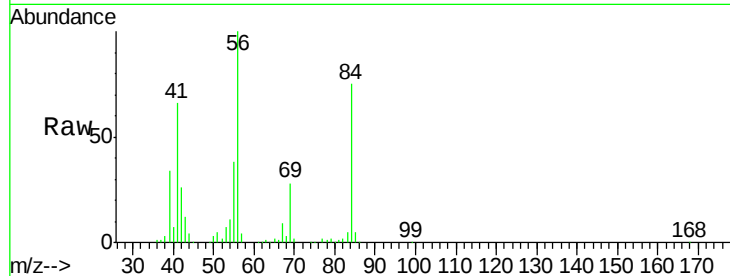
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	22.8	34.2
84	79.2	59.9	89.9

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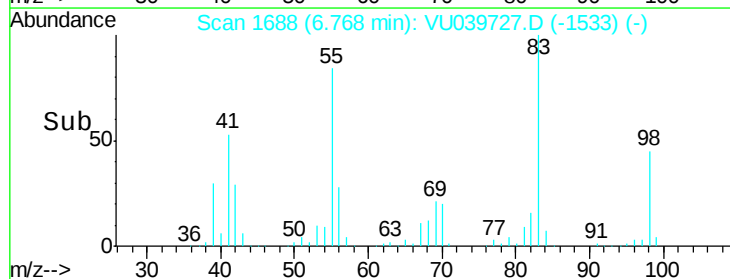
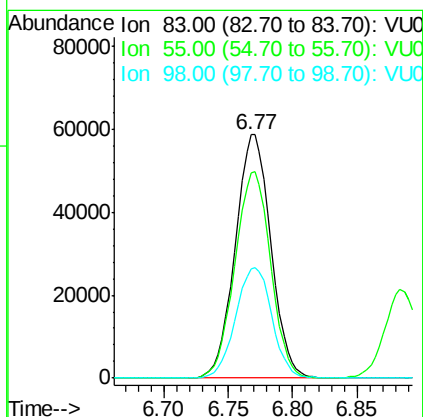
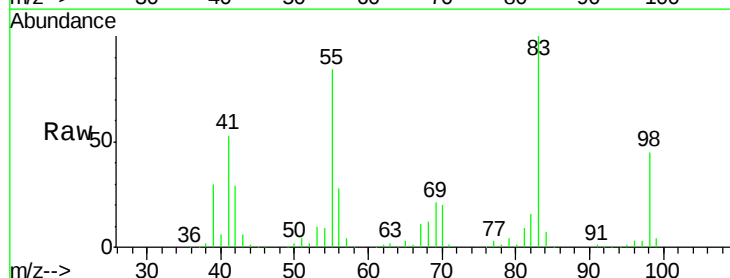
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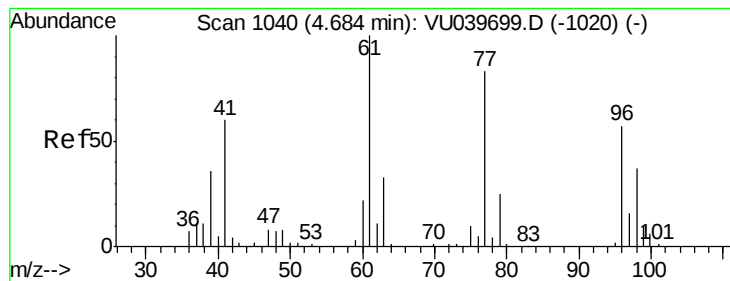
8/12/2020 6:35:21 PM



#20
Methylcyclohexane
Concen: 10.457 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.0	67.6	101.4
98	46.3	37.3	55.9





#21

2,2-Dichloropropane

Concen: 9.274 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 77 Resp: 113742

Ion Ratio Lower Upper

77 100

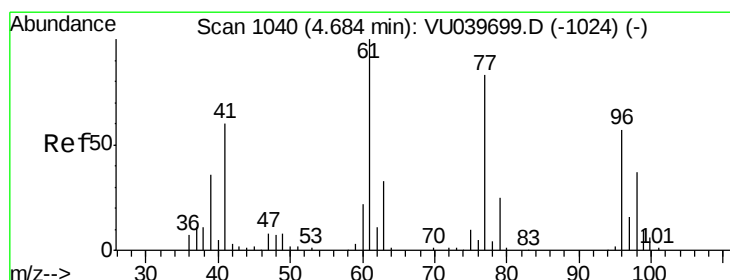
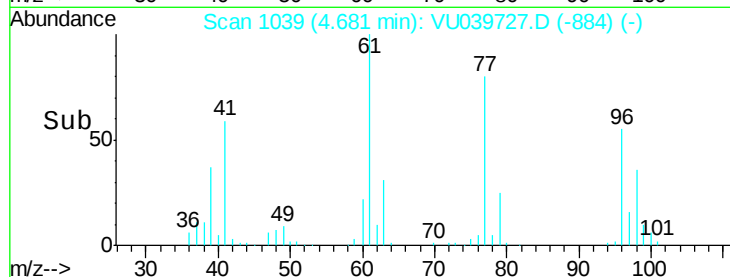
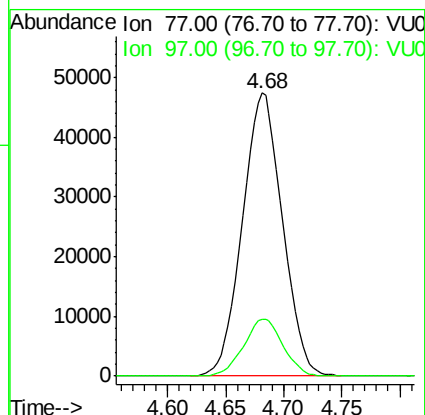
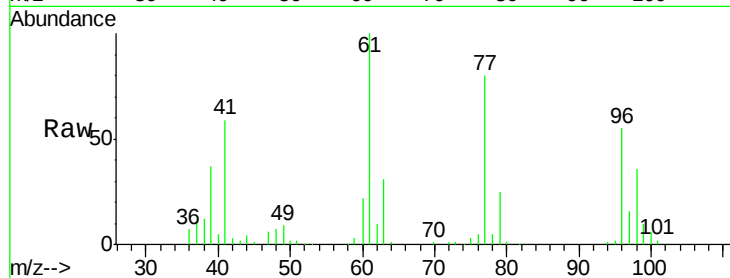
97 19.7 15.2 22.8

Manual Integrations

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8/12/2020 6:35:21 PM



#22

cis-1,2-Dichloroethene

Concen: 10.066 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

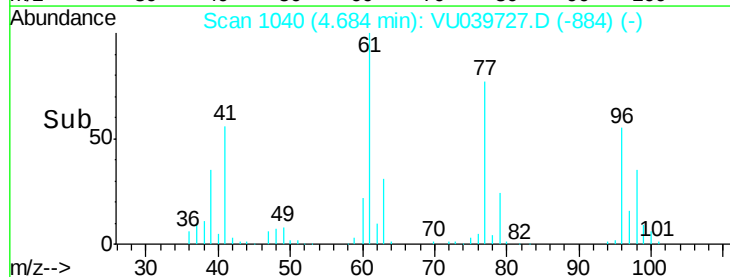
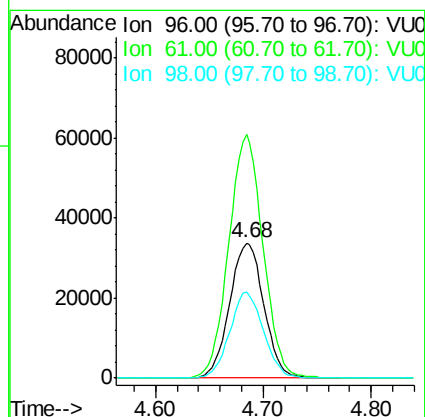
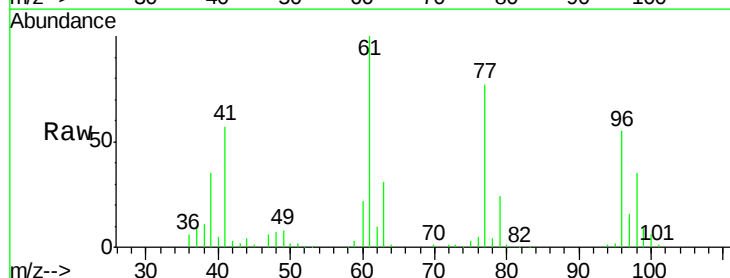
Tgt Ion: 96 Resp: 74292

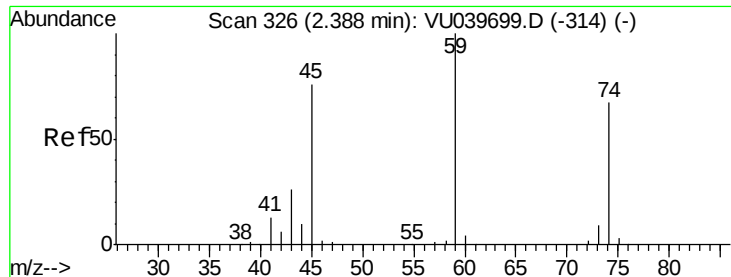
Ion Ratio Lower Upper

96 100

61 180.2 0.0 451.3

98 63.0 32.6 98.0





#23
Diethyl Ether
Concen: 10.090 ug/l
RT: 2.39 min Scan# 326
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

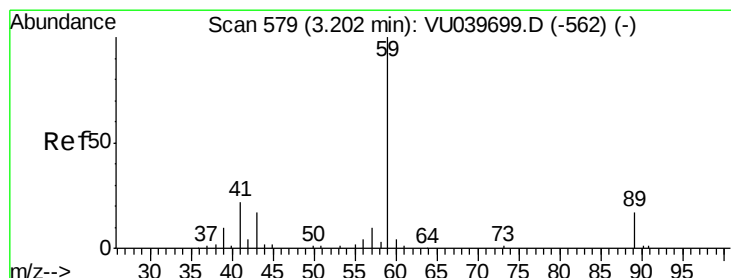
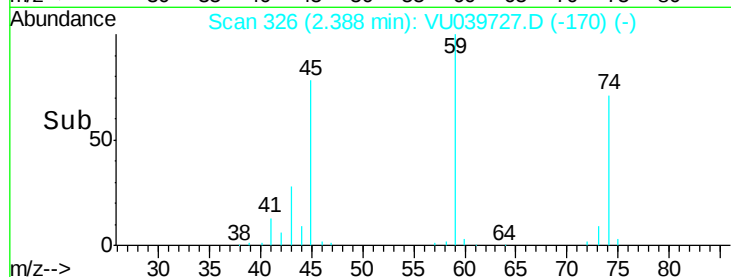
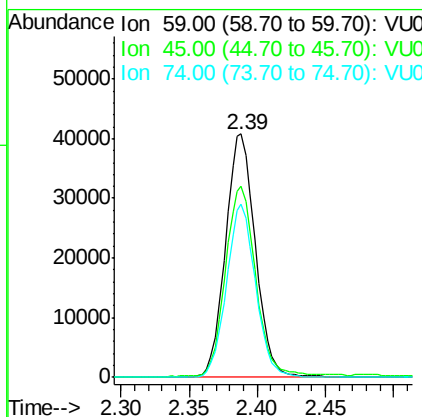
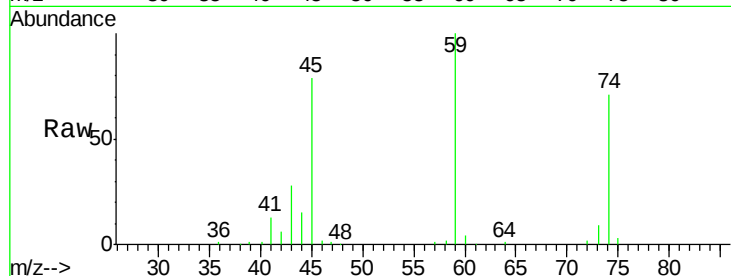
Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010EC

Tot Ion:	59	Resp:	62130
Ion	Ratio	Lower	Upper
59	100		
45	80.9	61.5	92.3
74	69.1	54.3	81.5

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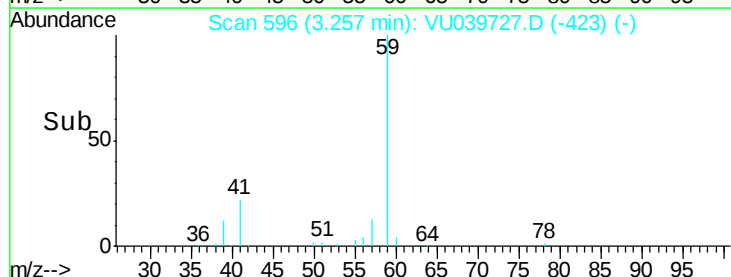
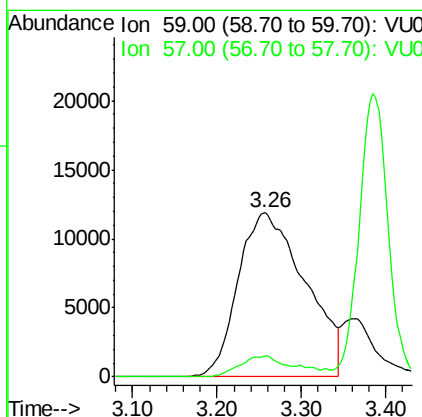
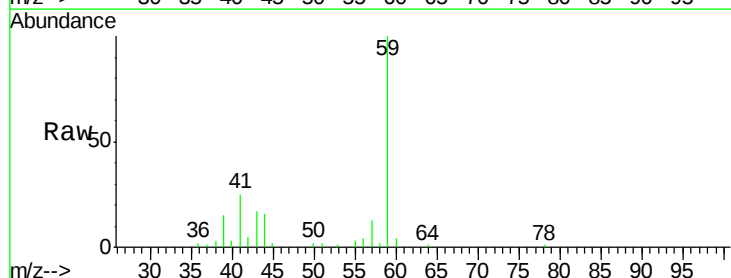
MMDadoda

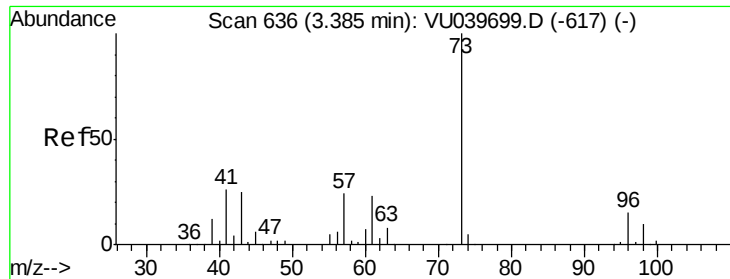
8/12/2020 6:35:21 PM



#24
tert-Butyl Alcohol
Concen: 88.523 ug/l
RT: 3.26 min Scan# 596
Delta R.T. 0.06 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:	59	Resp:	65585
Ion	Ratio	Lower	Upper
59	100		
57	8.2	7.8	11.6





#25
Methvl tert-Butvl Ether
Concen: 10.177 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

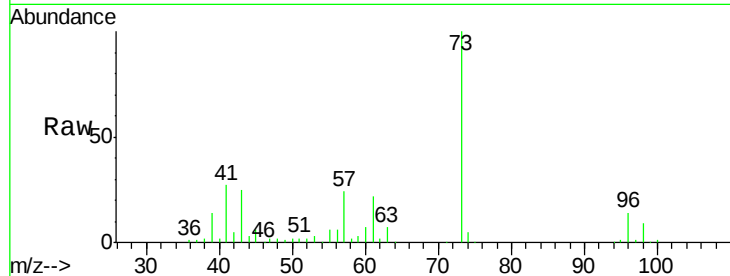
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 73 Resp: 199979
Ion Ratio Lower Upper
73 100
43 25.3 20.1 30.1

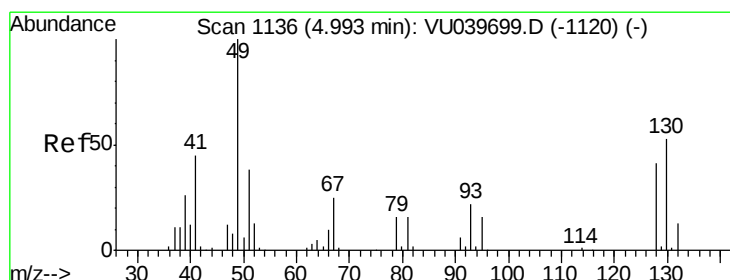
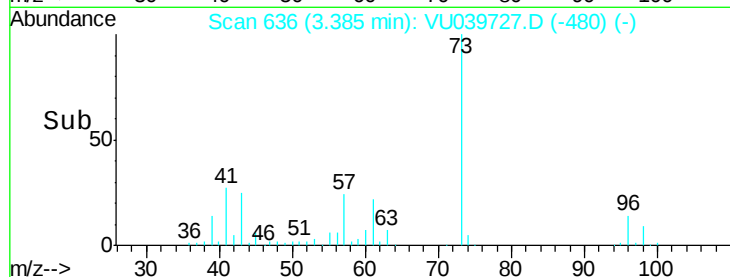
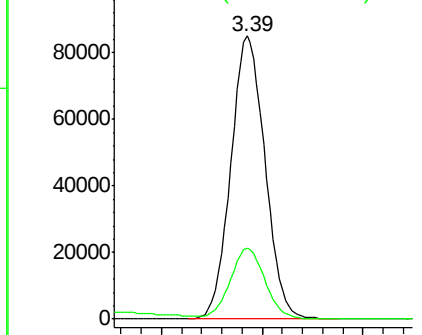
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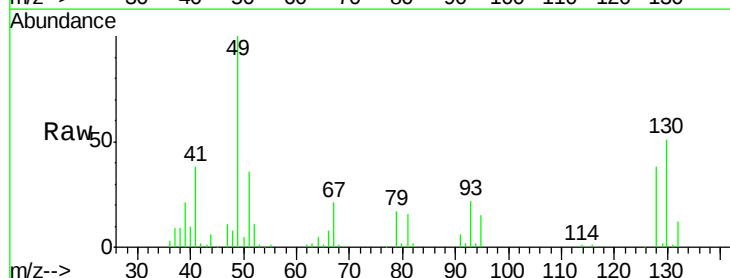


Abundance Ion 73.00 (72.70 to 73.70): VU039727.D (-480) (-)
Ion 43.00 (42.70 to 43.70): VU039727.D (-480) (-)

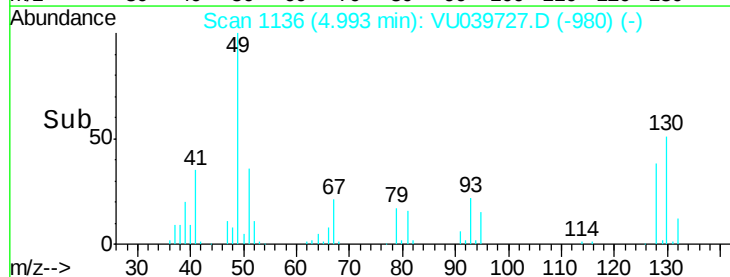
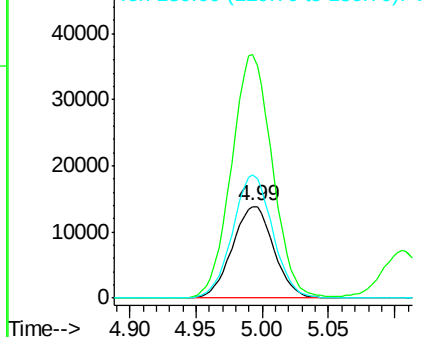


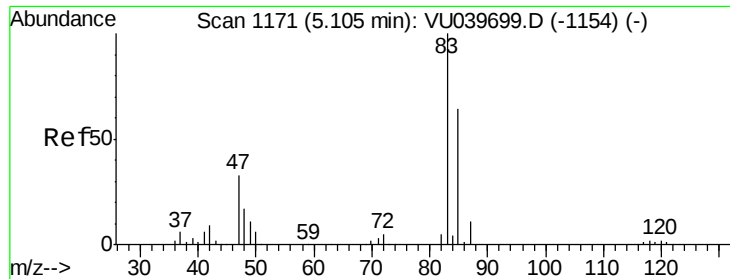
#26
Bromochloromethane
Concen: 9.968 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 128 Resp: 30100
Ion Ratio Lower Upper
128 100
49 261.7 0.0 503.8
130 129.9 102.7 154.1



Abundance Ion 128.00 (127.70 to 128.70): VU039727.D (-980) (-)
Ion 49.00 (48.70 to 49.70): VU039727.D (-980) (-)
Ion 130.00 (129.70 to 130.70): VU039727.D (-980) (-)





#27
Chloroform
Concen: 9.960 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

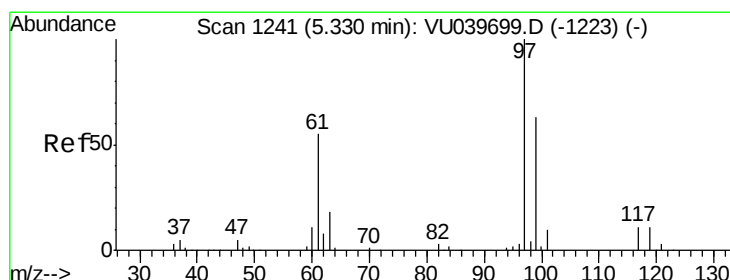
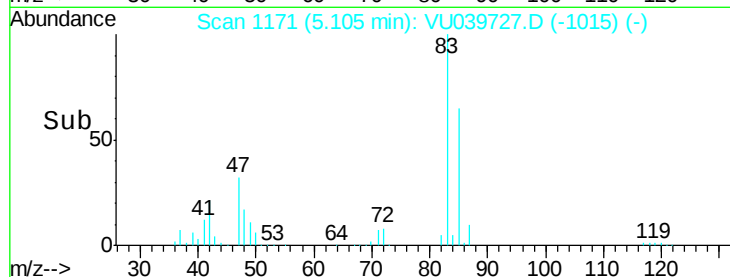
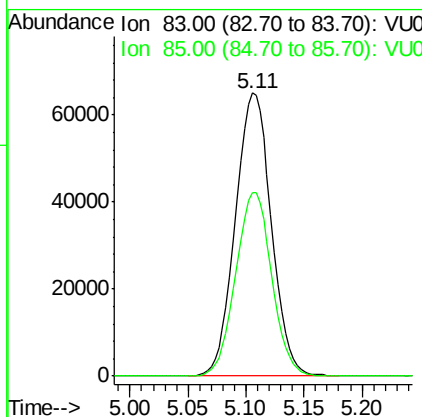
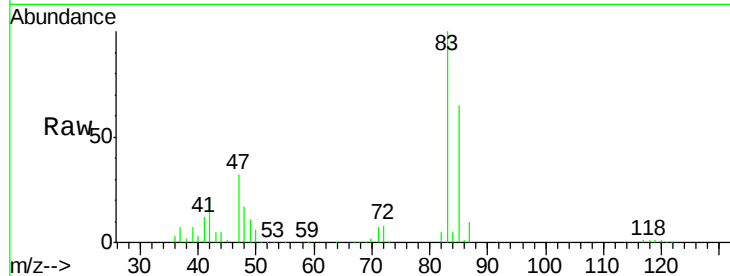
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	83	Resp	140145
Ion Ratio	100	Lower	Upper
85	65.1	0.0	128.8

Manual Integrations
APPROVED

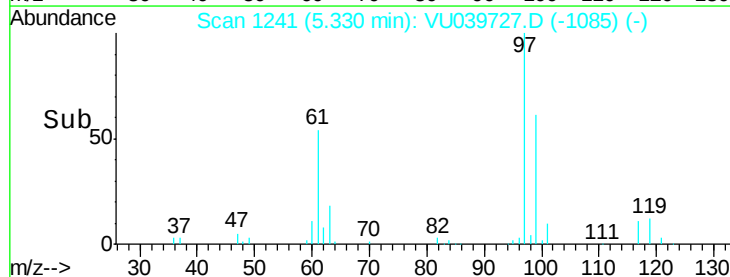
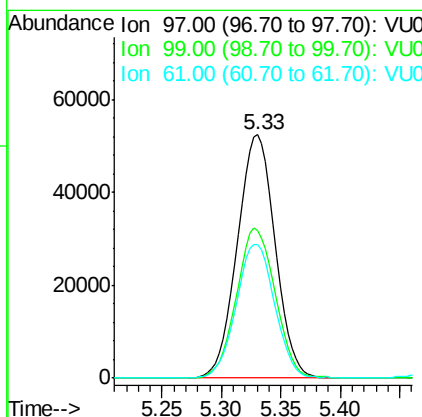
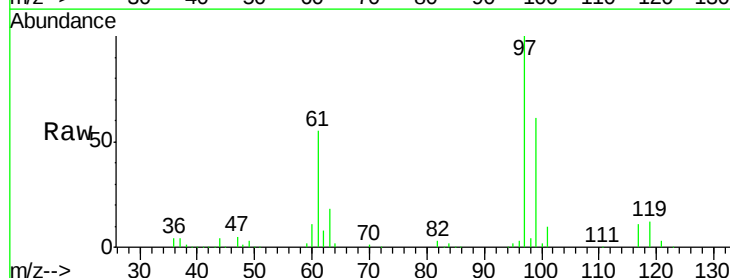
MMDadoda

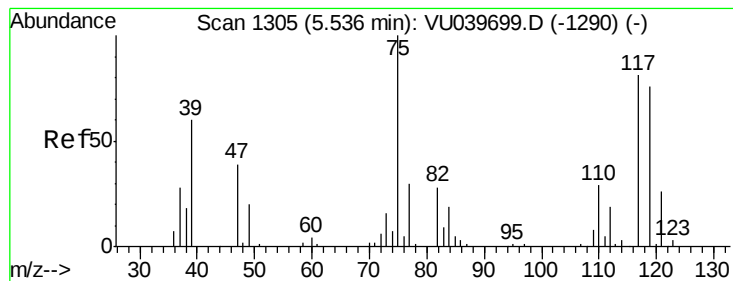
8/12/2020 6:35:21 PM



#28
1,1,1-Trichloroethane
Concen: 10.150 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	97	Resp	115564
Ion Ratio	100	Lower	Upper
99	63.3	32.2	96.6
61	55.9	28.3	85.0





#29

1,1-Dichloropropene

Concen: 9.776 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 75 Resp: 107181

Ion Ratio Lower Upper

75 100

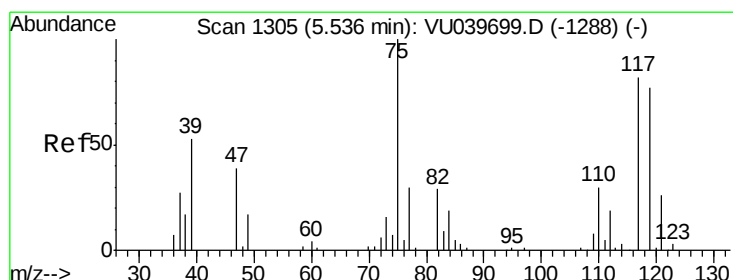
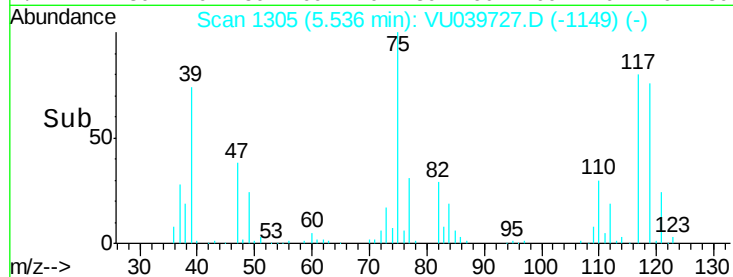
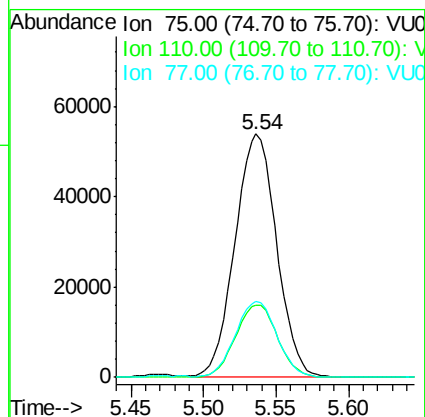
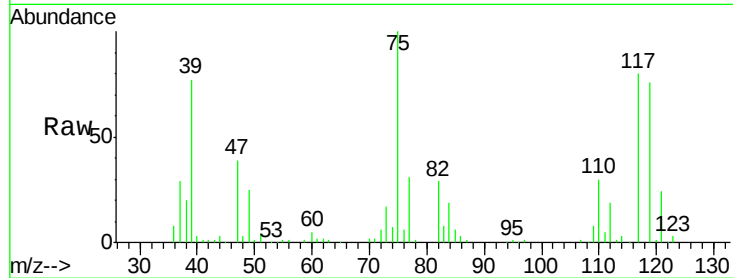
110 30.3 14.6 44.0

77 31.4 25.0 37.4

Manual Integrations
APPROVED

MMDadoda

8/12/2020 6:35:21 PM



#30

Carbon Tetrachloride

Concen: 9.997 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

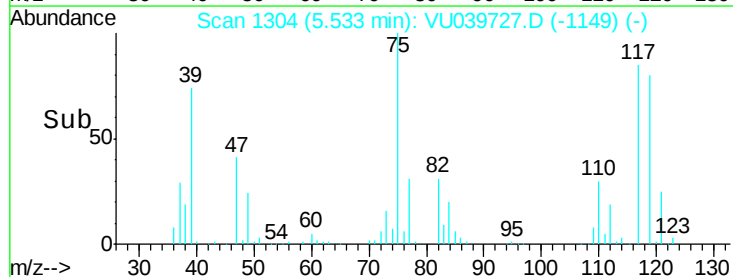
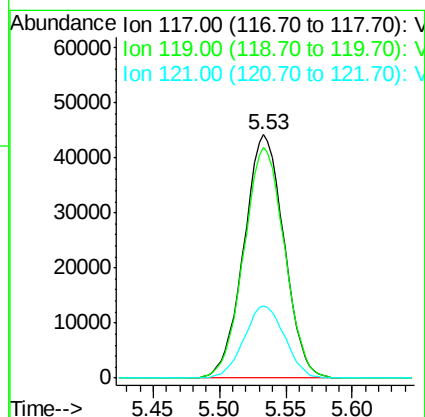
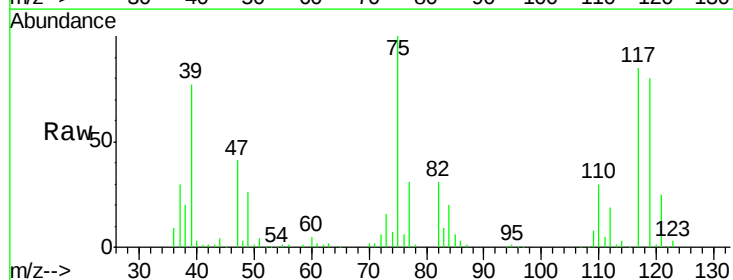
Tgt Ion: 117 Resp: 93070

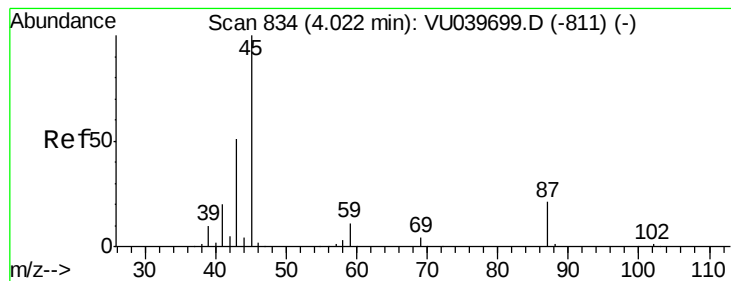
Ion Ratio Lower Upper

117 100

119 94.6 75.2 112.8

121 29.7 25.4 38.2





#31

Isopropyl Ether

Concen: 10.086 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 276573

Ion Ratio Lower Upper

45 100

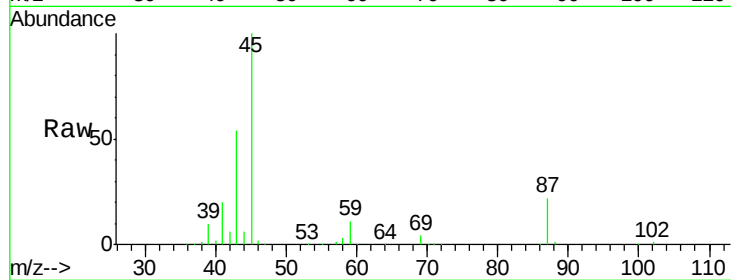
43 52.7 26.5 79.4

Manual Integrations

APPROVED

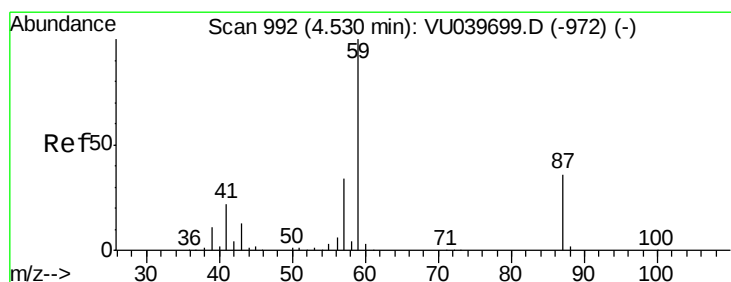
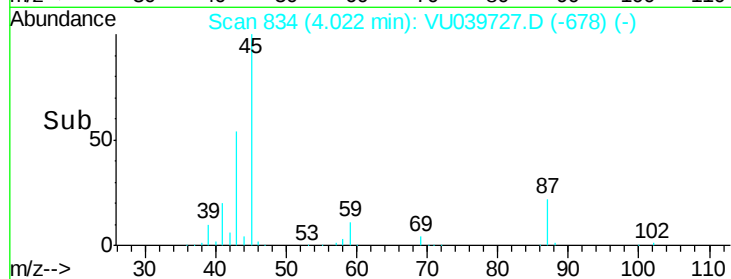
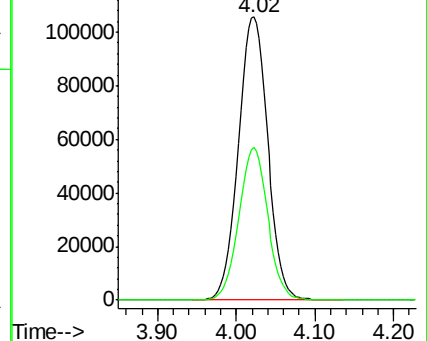
MMDadoda

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Abundance Ion 45.00 (44.70 to 45.70): VU039727.D (-678) (-)

Ion 43.00 (42.70 to 43.70): VU039727.D (-678) (-)



#32

Ethyl-t-butyl ether

Concen: 10.157 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039727.D

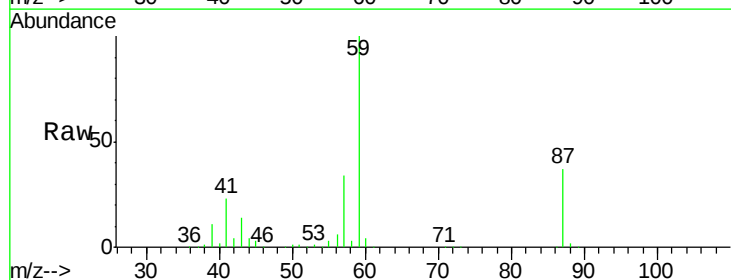
Acq: 30 Jul 2020 18:59

Tgt Ion: 59 Resp: 237022

Ion Ratio Lower Upper

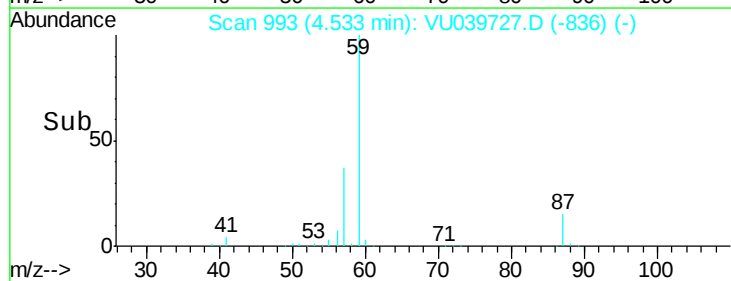
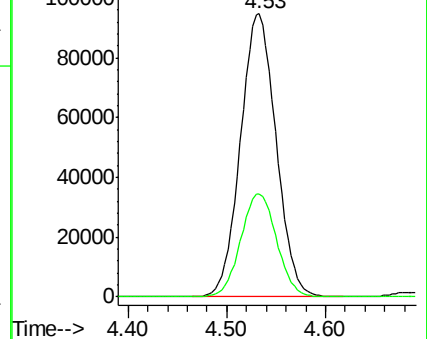
59 100

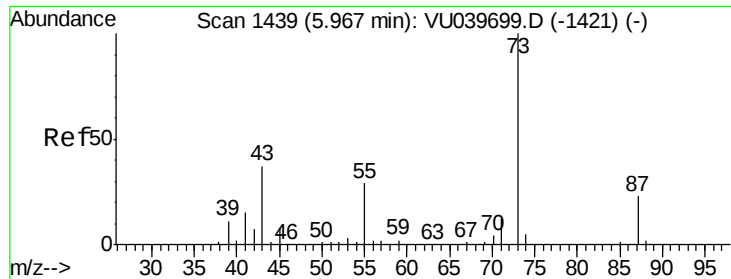
87 36.7 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039727.D (-836) (-)

Ion 87.00 (86.70 to 87.70): VU039727.D (-836) (-)





#33
Tert-Butyl methyl ether
Concen: 9.780 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

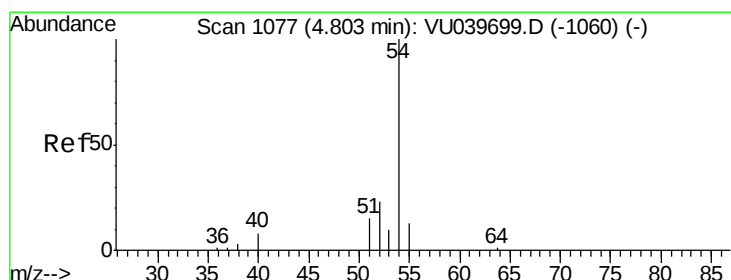
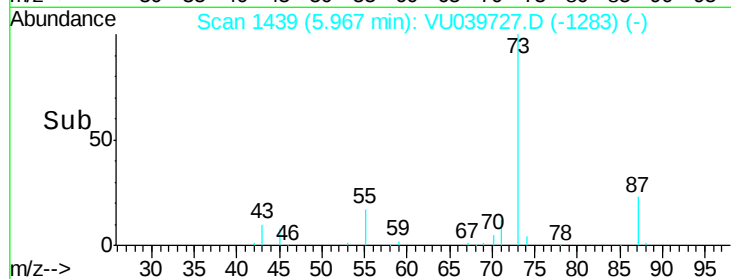
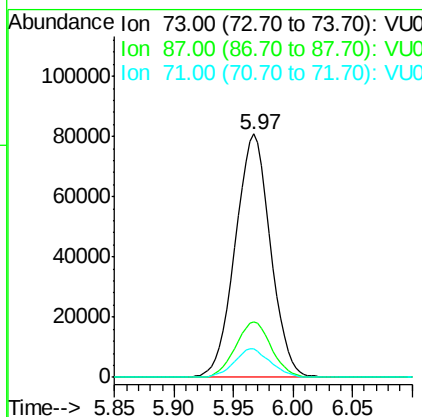
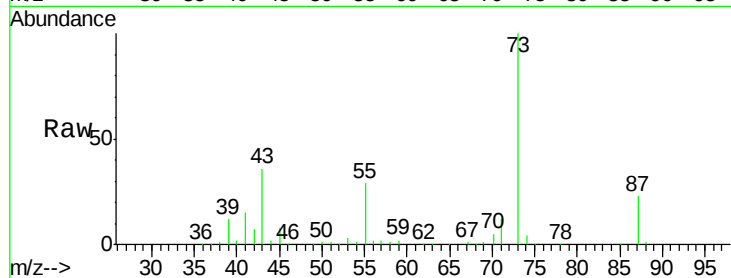
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.3	18.7	28.1
71	12.1	9.1	13.7

Manual Integrations
APPROVED

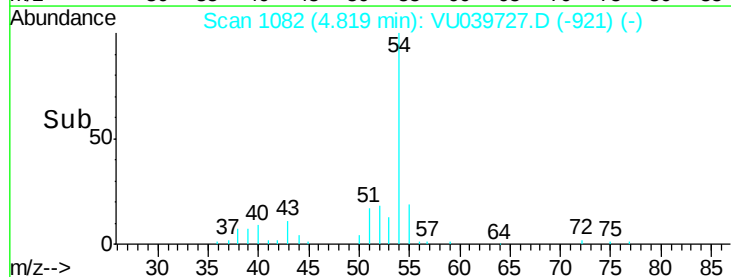
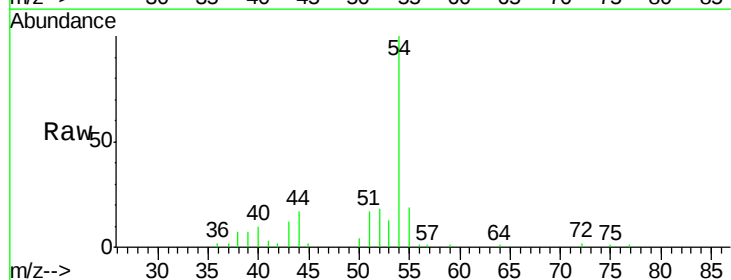
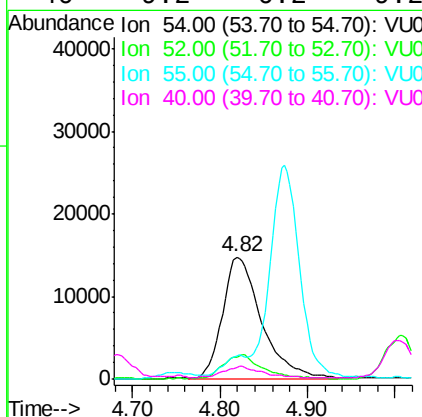
MMDadoda

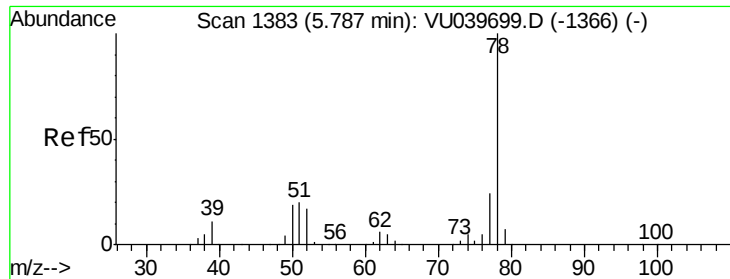
8/12/2020 6:35:21 PM



#34
Propionitrile
Concen: 55.644 ug/l
RT: 4.82 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.3	16.9	25.3
55	10.5	12.9	19.3
40	9.2	6.2	9.2





#35
Benzene
Concen: 9.733 ug/l
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

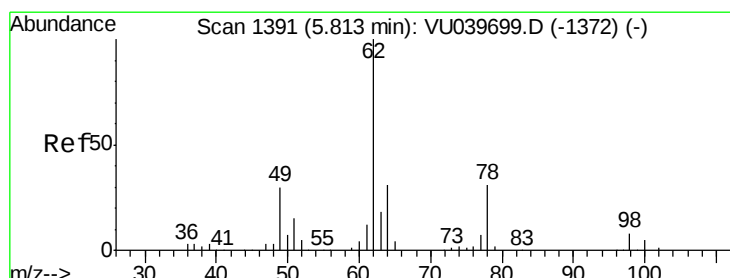
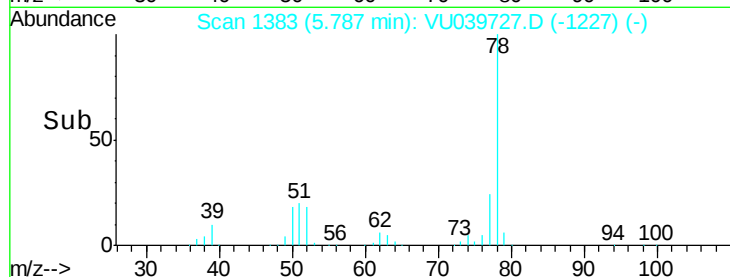
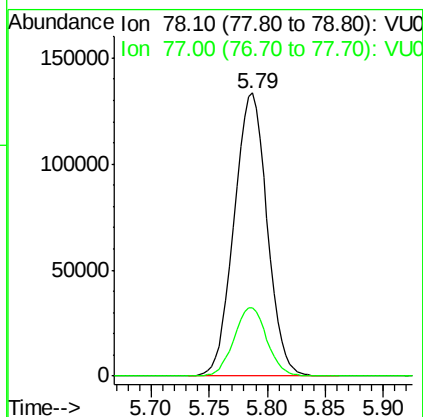
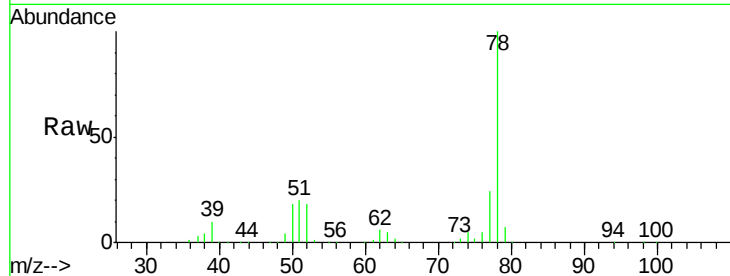
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	78	Resp	263964
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.2	28.8

Manual Integrations
APPROVED

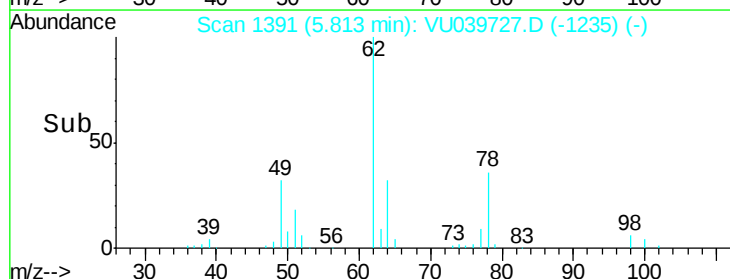
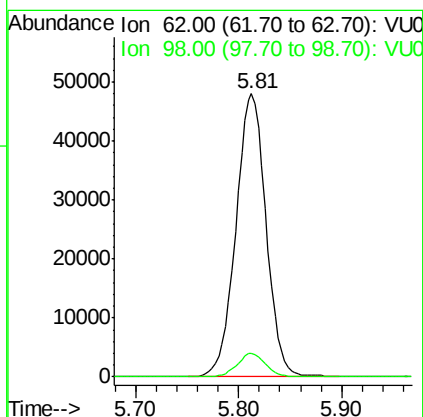
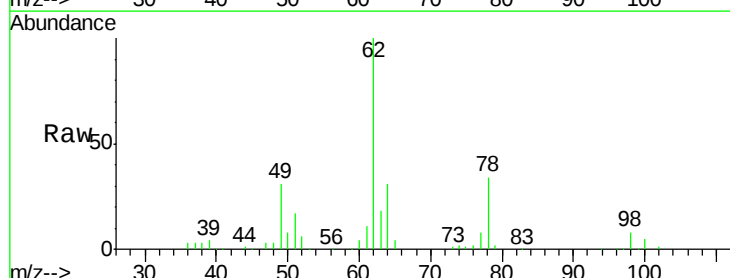
MMDadoda

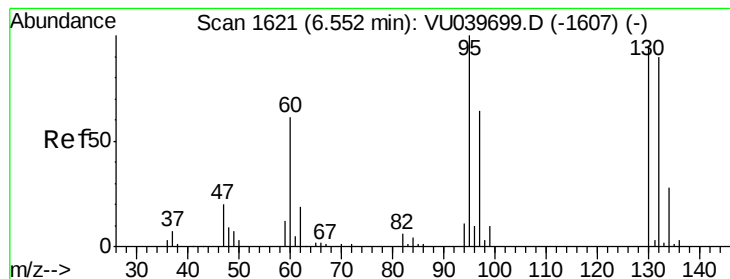
8/12/2020 6:35:21 PM



#36
1,2-Dichloroethane
Concen: 9.616 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	62	Resp	97765
Ion Ratio	Lower	Upper	
62	100		
98	7.8	6.2	9.2





#37

Trichloroethene

Concen: 9.893 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:130 Resp: 61384

Ion Ratio Lower Upper

130 100

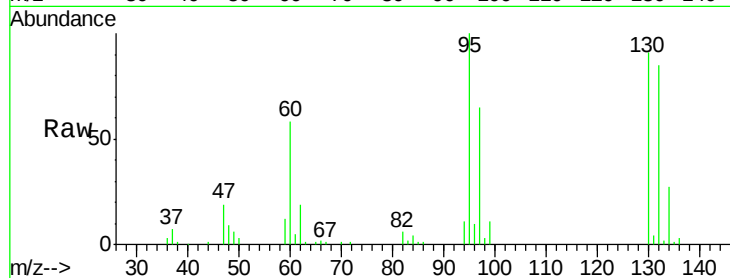
95 109.5 84.3 126.5

Manual Integrations

APPROVED

MMDadoda

8/12/2020 6:35:21 PM



Abundance Ion 129.90 (129.60 to 130.60): VU039727.D (-1465) (-)

Ion 94.90 (94.60 to 95.60): VU039727.D (-1465) (-)

6.55

40000

30000

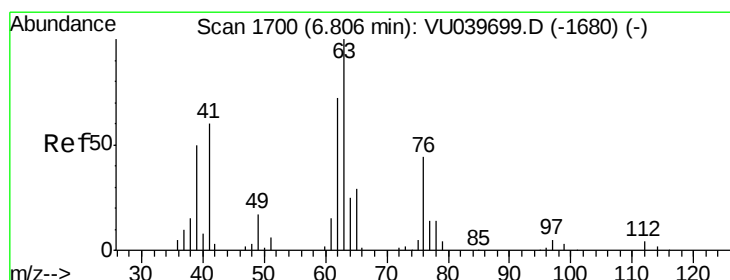
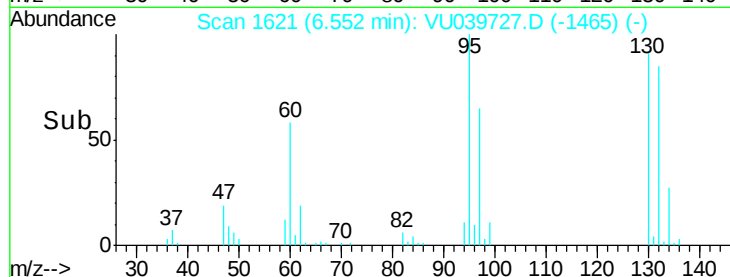
20000

10000

0

6.50 6.55 6.60

Time-->



#38

1,2-Dichloropropane

Concen: 10.362 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU039727.D

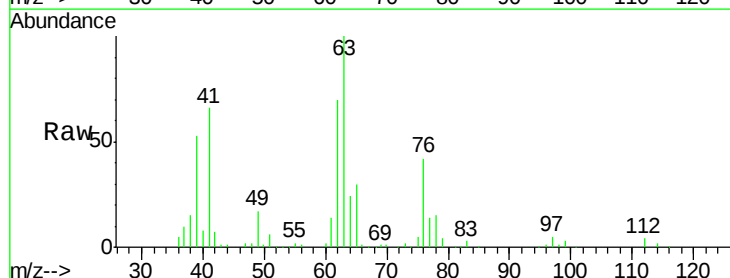
Acq: 30 Jul 2020 18:59

Tgt Ion: 63 Resp: 77454

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039727.D (-1544) (-)

Ion 65.00 (64.70 to 65.70): VU039727.D (-1544) (-)

6.81

40000

30000

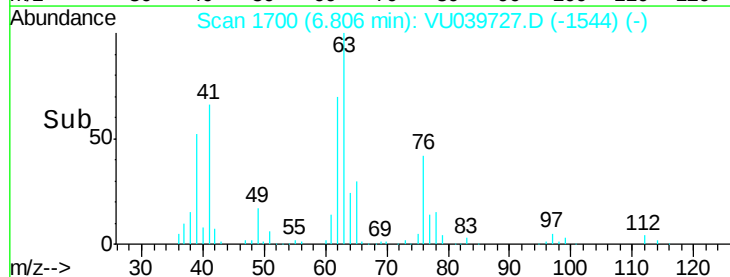
20000

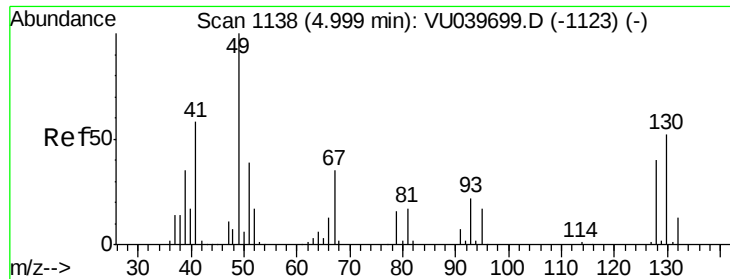
10000

0

6.70 6.75 6.80 6.85 6.90

Time-->





#39
Methacrylonitrile
Concen: 9.275 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

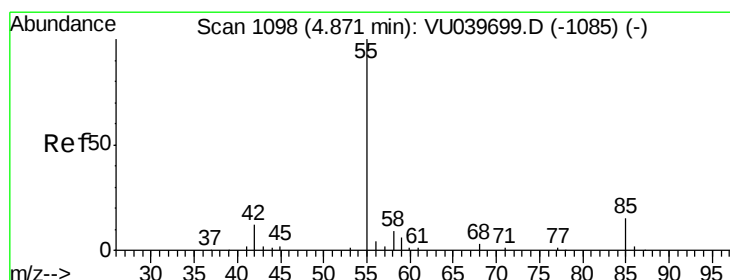
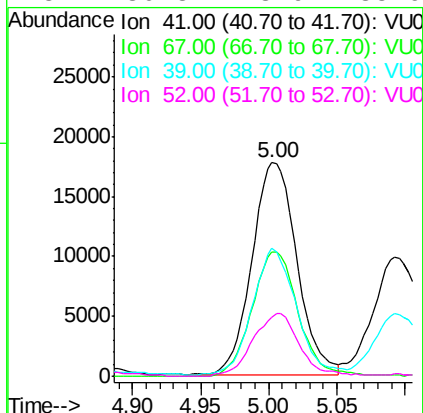
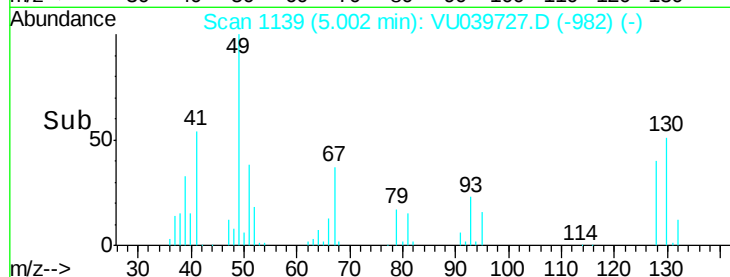
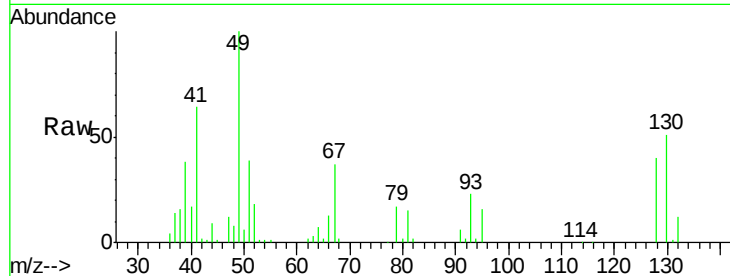
Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010EC

Tot Ion	41	Resp	40330
Ion Ratio	Lower	Upper	
41	100		
67	60.5	48.3	72.5
39	58.3	47.6	71.4
52	30.8	23.9	35.9

Manual Integrations
APPROVED

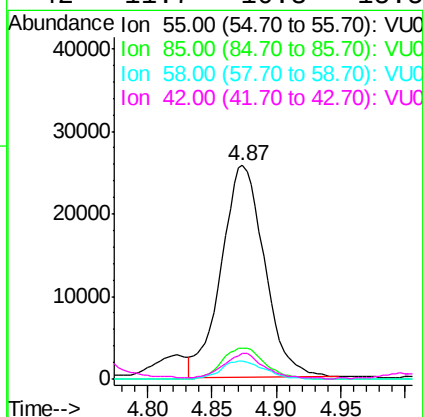
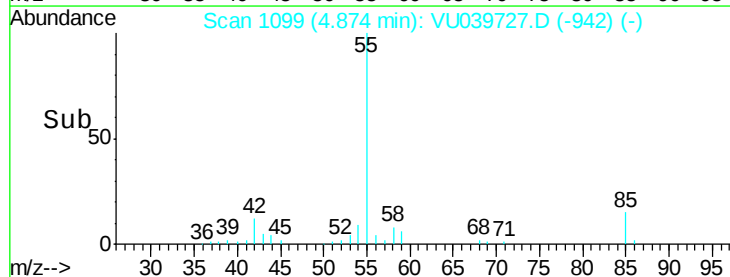
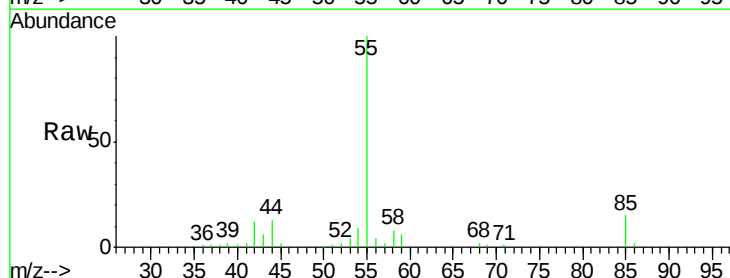
MMDadoda

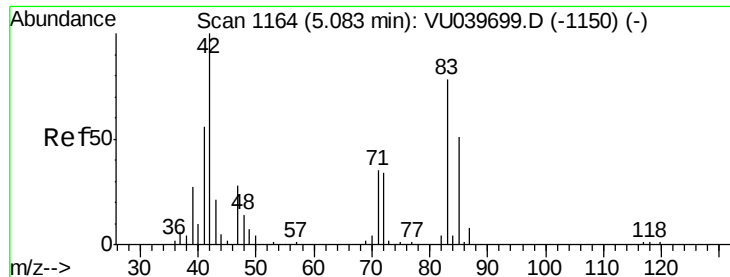
8/12/2020 6:35:21 PM



#40
Methyl acrylate
Concen: 10.642 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	55	Resp	59673
Ion Ratio	Lower	Upper	
55	100		
85	14.5	11.4	17.0
58	8.3	7.4	11.0
42	11.7	10.3	15.5





#41
Tetrahydrofuran
Concen: 19.685 ug/l
RT: 5.09 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

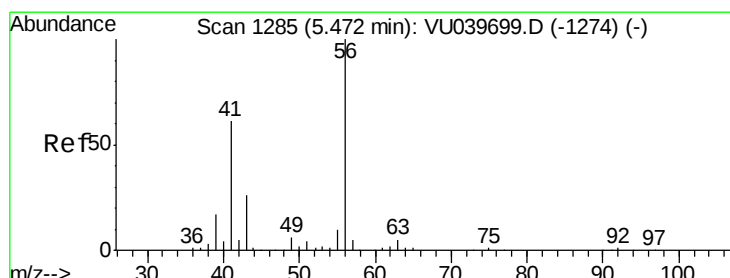
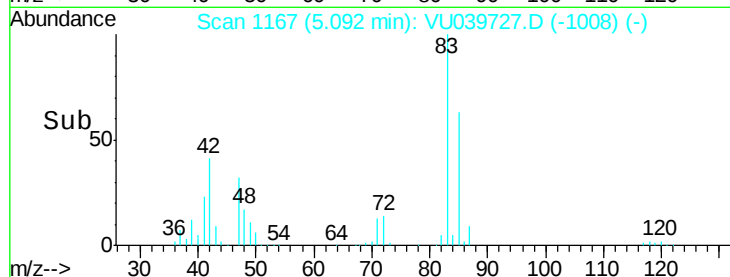
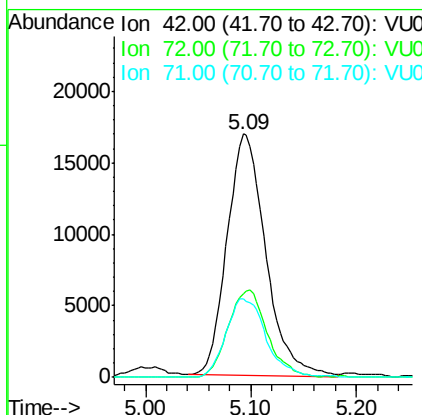
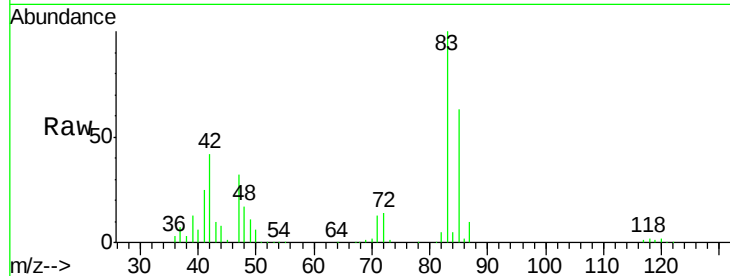
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.4	31.0	46.6
71	33.7	28.2	42.4

Manual Integrations
APPROVED

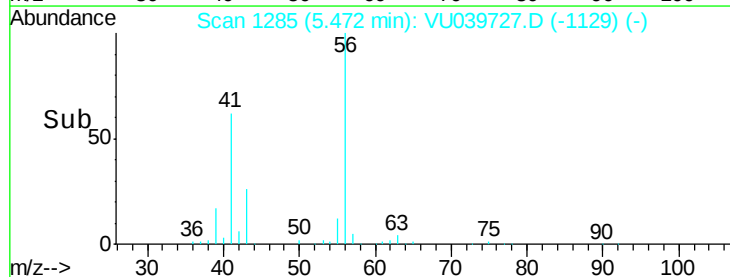
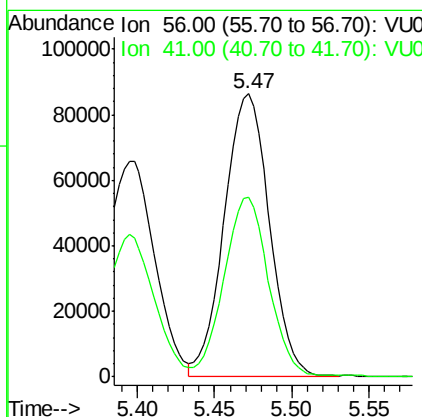
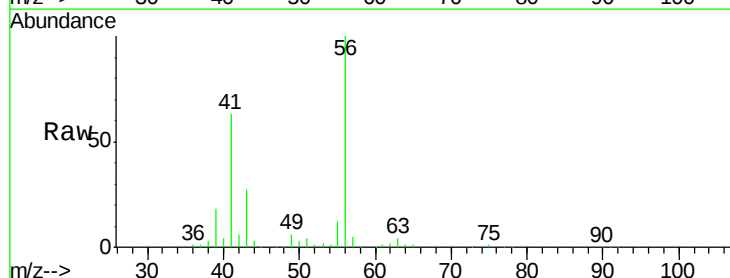
MMDadoda

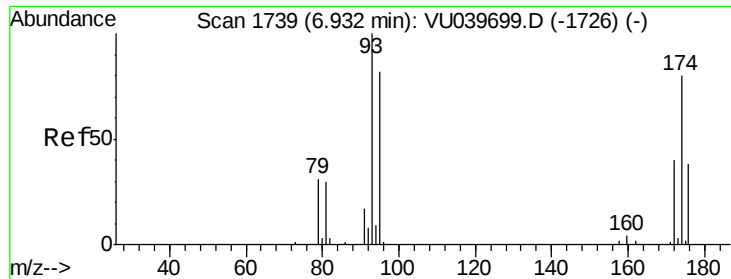
8/12/2020 6:35:21 PM



#42
1-Chlorobutane
Concen: 10.084 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
56	100		
41	62.1	30.5	91.5





#43
Dibromomethane
Concen: 9.791 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

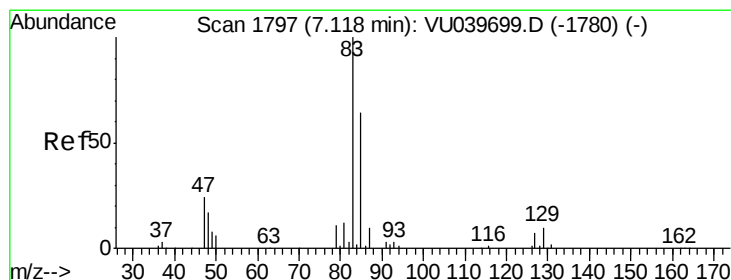
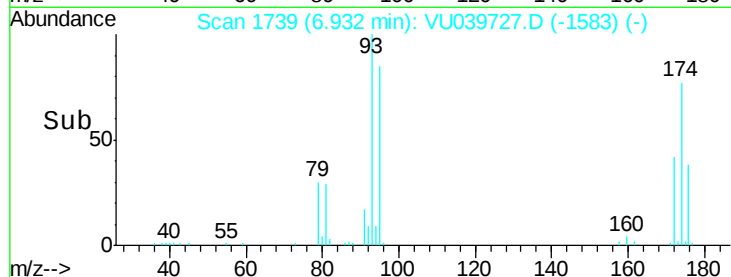
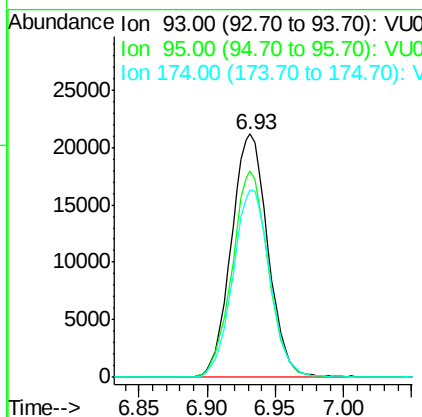
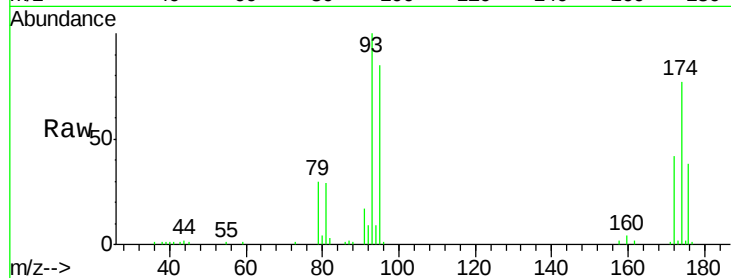
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.6	99.8
174	78.0	62.7	94.1

Manual Integrations
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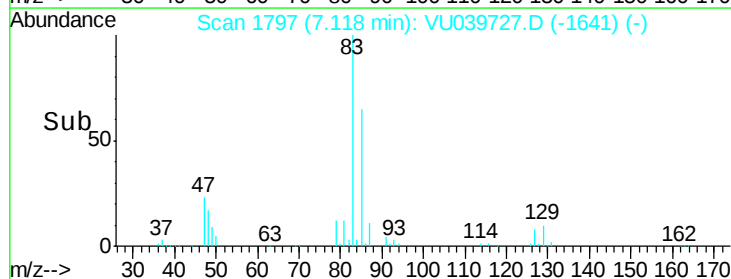
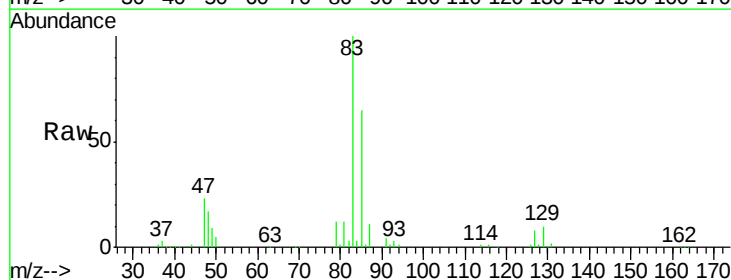
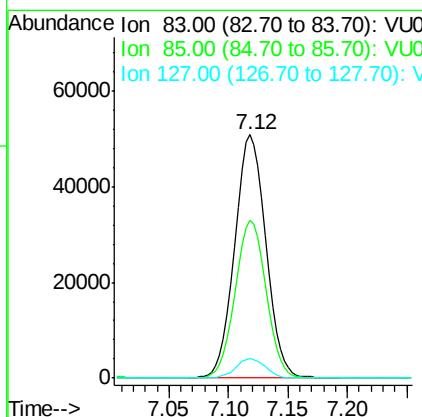
MMDadoda

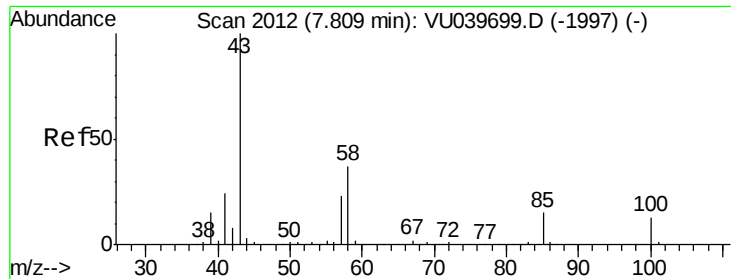
8/12/2020 6:35:21 PM



#44
Bromodichloromethane
Concen: 10.037 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2
127	8.0	5.8	8.6





#45
4-Methyl-2-Pentanone
Concen: 51.372 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

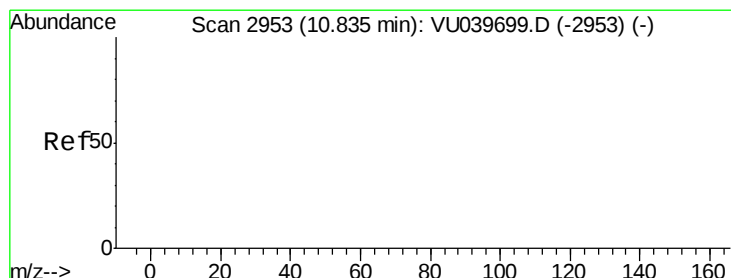
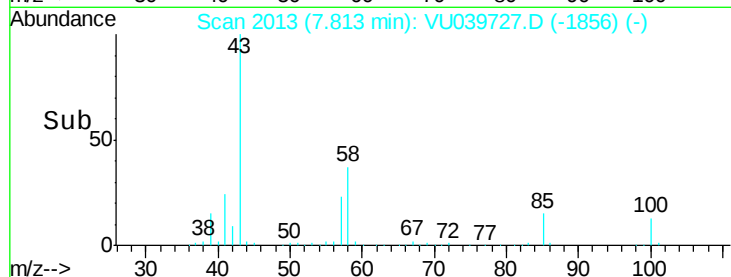
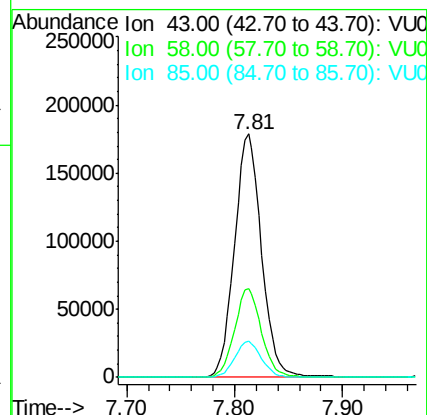
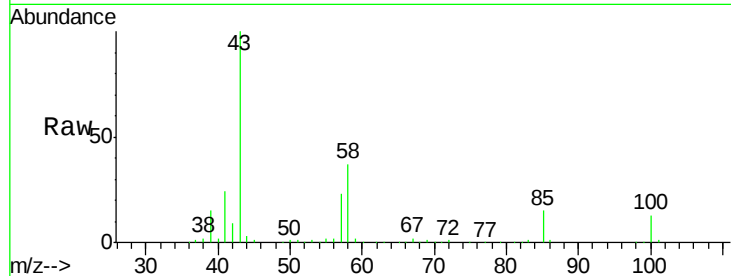
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.3	18.4	55.0
85	14.6	11.8	17.6

Manual Integrations
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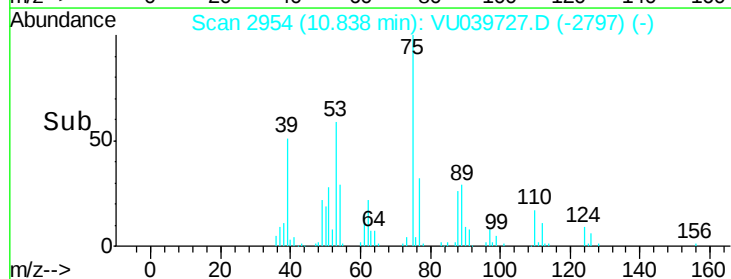
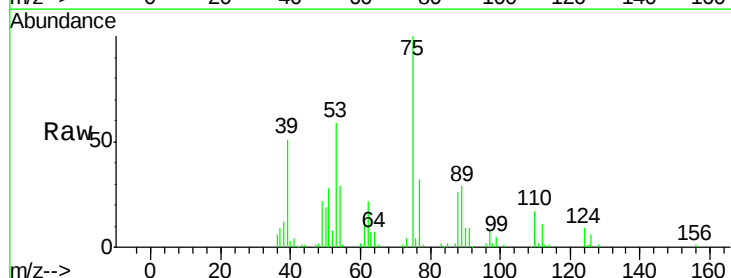
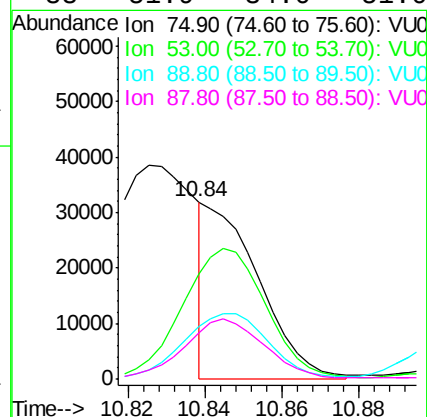
MMDadoda

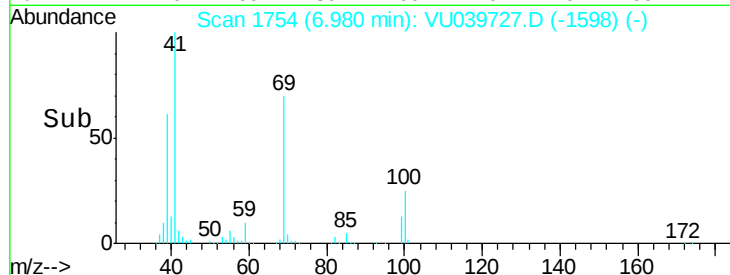
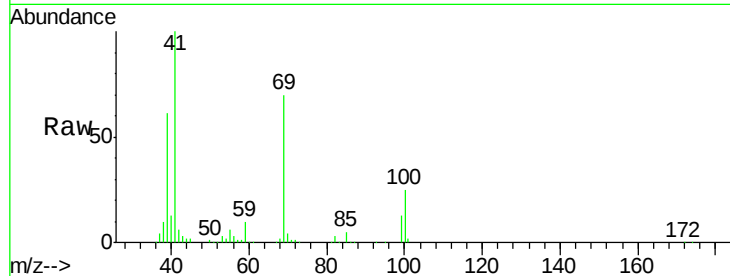
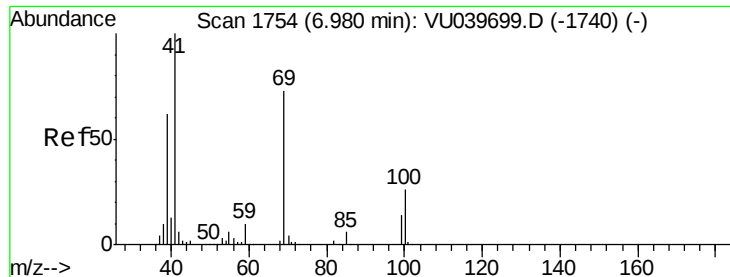
8/12/2020 6:35:21 PM



#46
t-1,4-Dichloro-2-butene
Concen: 16.812 ug/l m
RT: 10.84 min Scan# 2954
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
53	117.4	78.6	118.0
89	60.4	40.3	60.5
88	51.9	34.0	51.0#





#47
Methyl methacrylate
Concen: 20.870 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

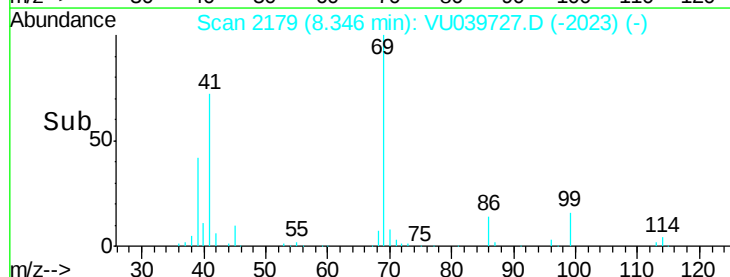
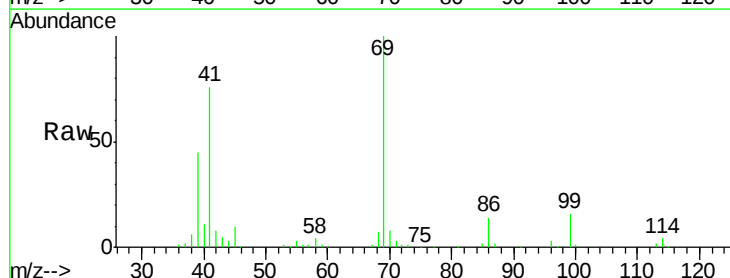
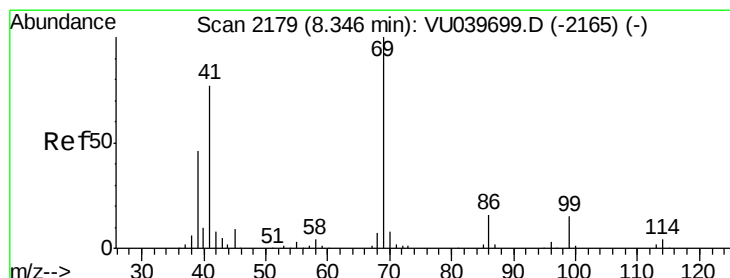
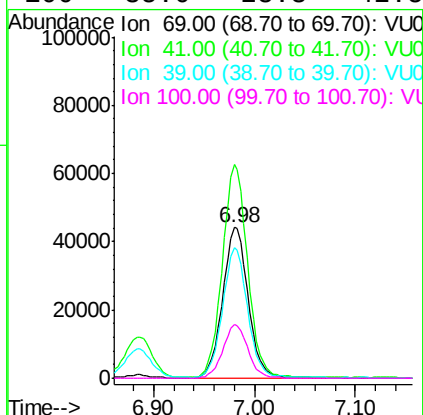
Tot Ion	Ratio	Lower	Upper
69	100		
41	139.9	0.0	271.6
39	84.3	67.4	101.2
100	35.0	28.3	42.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

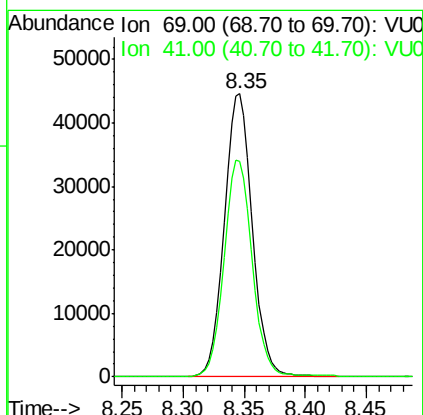
MMDadoda

8/12/2020 6:35:21 PM



#48
Ethyl methacrylate
Concen: 10.436 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	39.1	117.5





#49

Toluene

Concen: 10.282 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 92 Resp: 165978

Ion Ratio Lower Upper

92 100

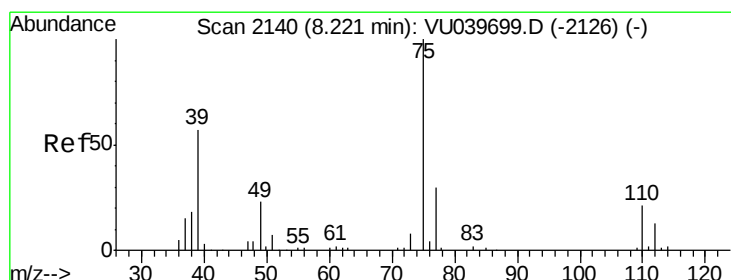
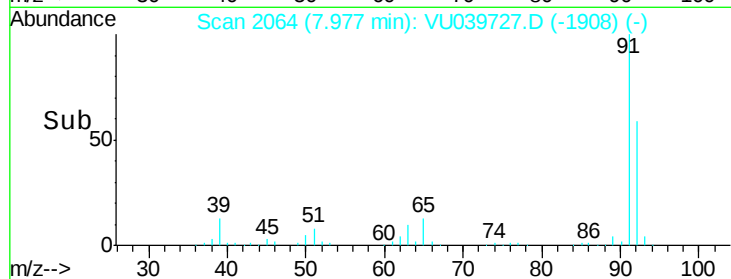
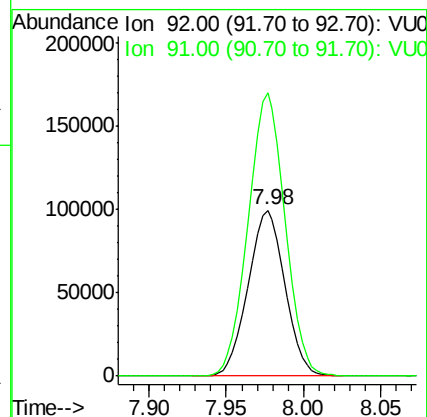
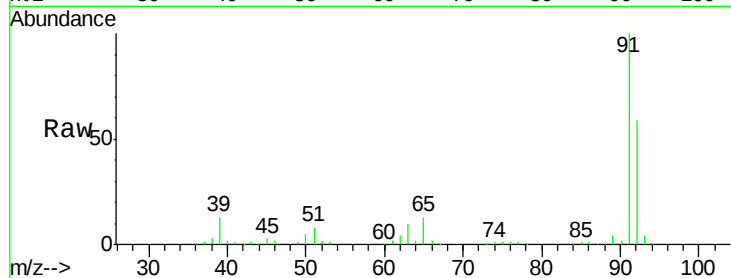
91 171.2 136.1 204.1

Manual Integrations

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8/12/2020 6:35:21 PM



#50

t-1,3-Dichloropropene

Concen: 10.218 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU039727.D

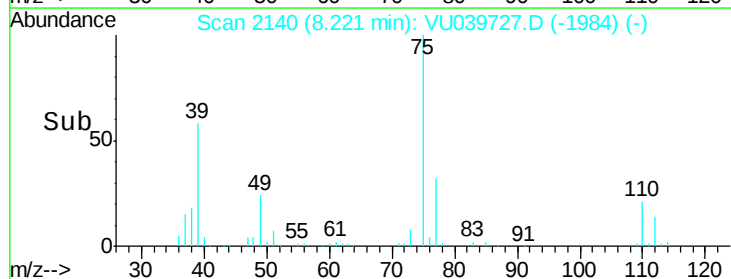
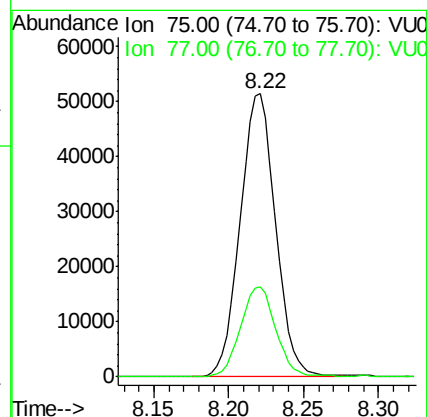
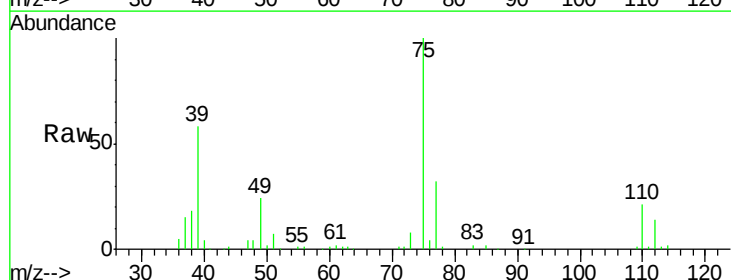
Acq: 30 Jul 2020 18:59

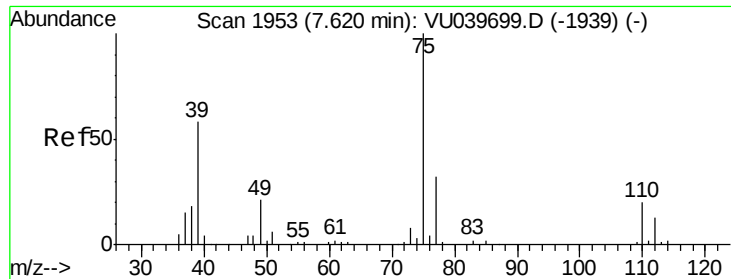
Tgt Ion: 75 Resp: 84877

Ion Ratio Lower Upper

75 100

77 31.6 24.3 36.5





#51

cis-1,3-Dichloropropene
Concen: 10.061 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

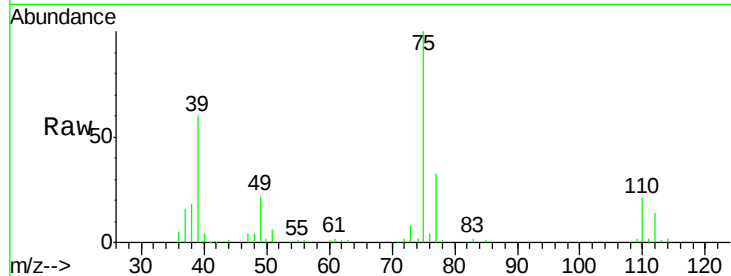
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.7	38.5
39	60.0	46.1	69.1

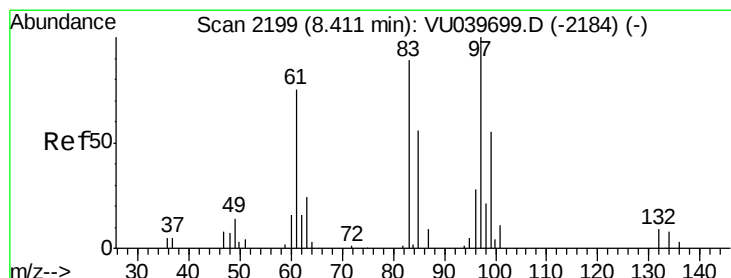
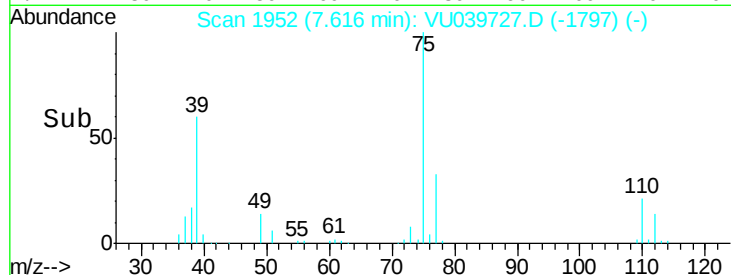
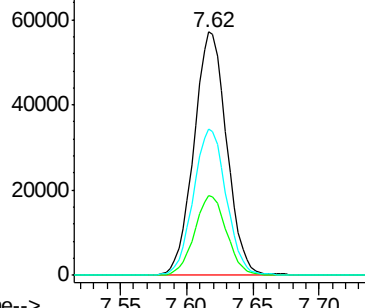
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Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-1939) (-)

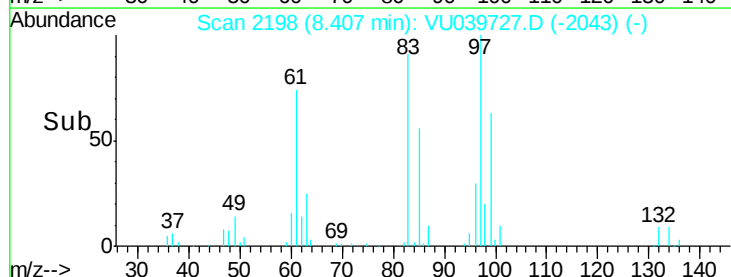
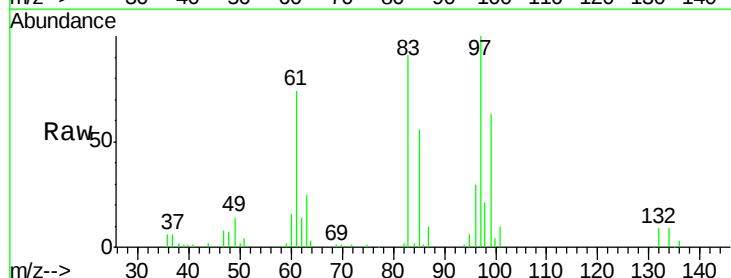
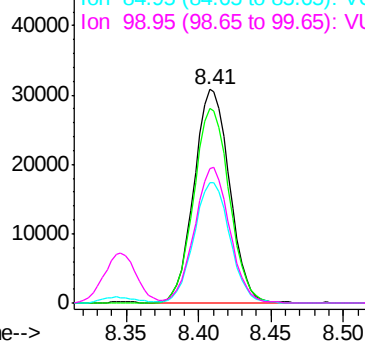


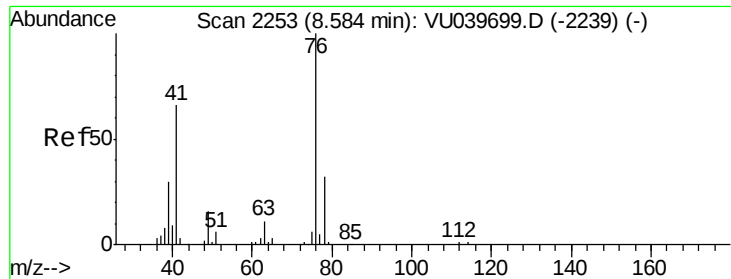
#52

1,1,2-Trichloroethane
Concen: 10.063 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.0	71.3	106.9
85	56.4	45.4	68.2
99	63.0	49.4	74.0

Abundance Ion 97.00 (96.70 to 97.70): VU039699.D (-2184) (-)





#53
 1,3-Dichloropropane
 Concen: 9.938 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

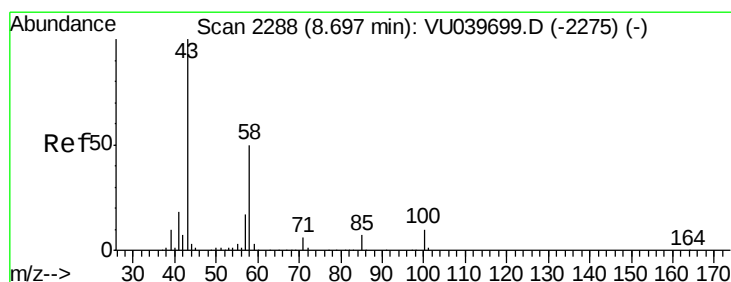
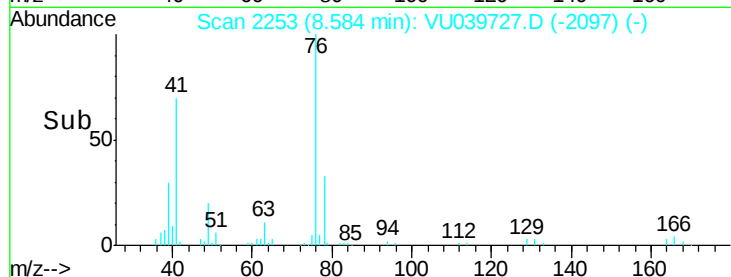
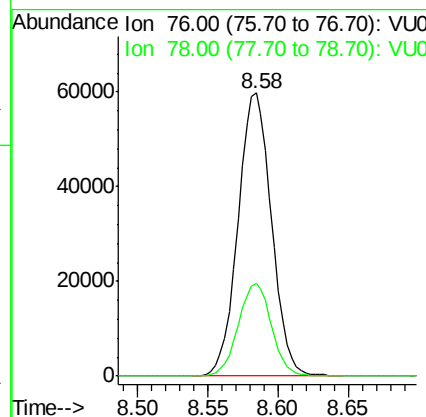
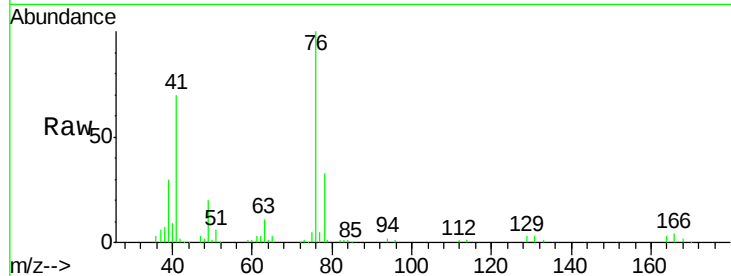
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.4	38.2

Manual Integrations
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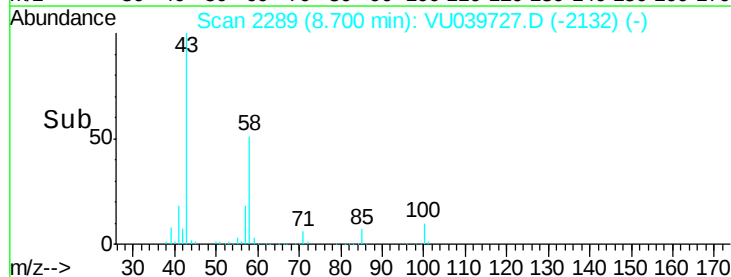
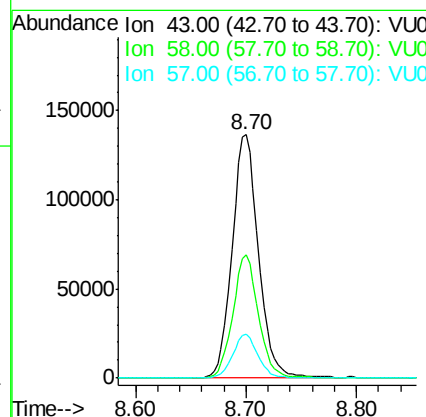
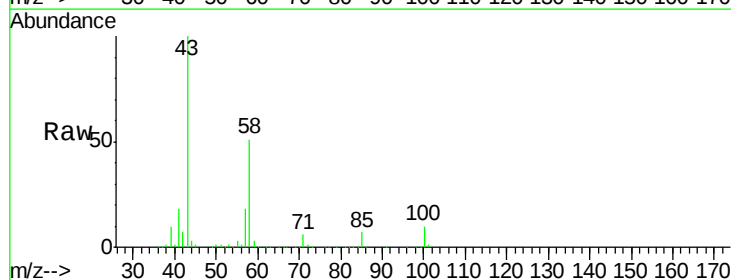
MMDadoda

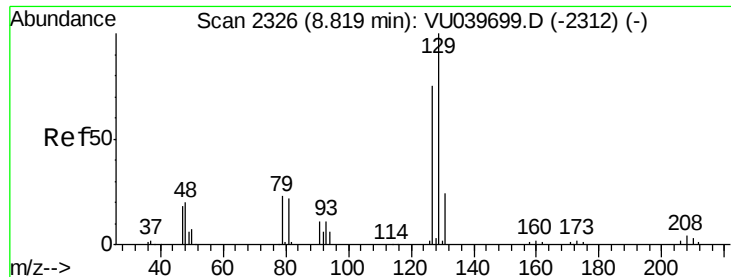
8/12/2020 6:35:21 PM



#54
 2-Hexanone
 Concen: 52.003 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.3	29.9	69.9
57	17.3	0.0	37.2





#55
Dibromochloromethane
Concen: 10.139 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

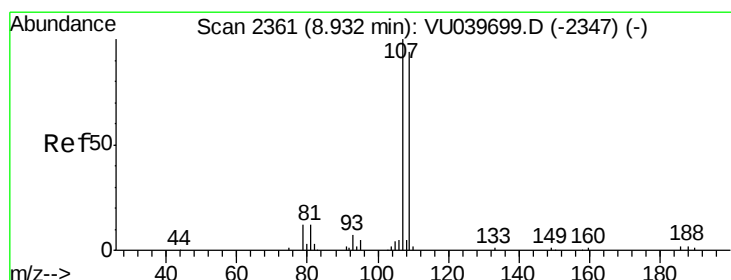
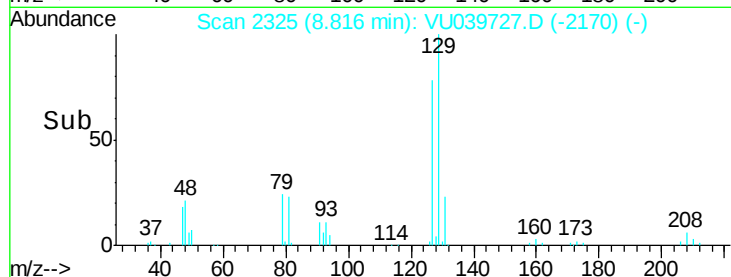
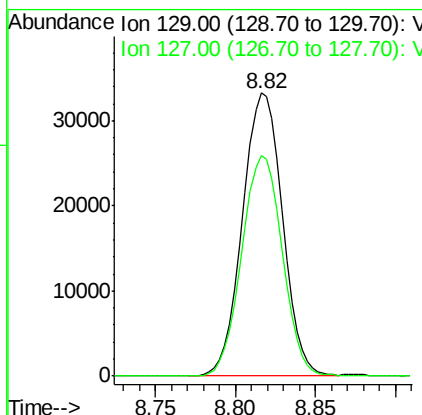
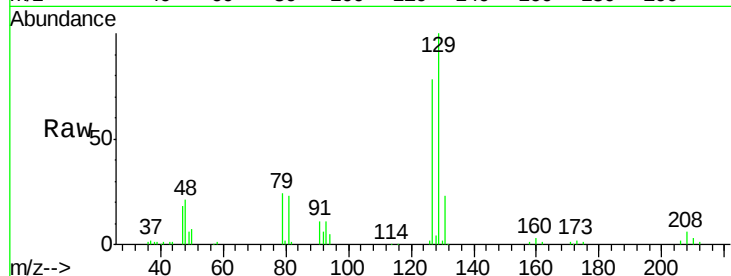
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.8	62.4	93.6

Manual Integrations
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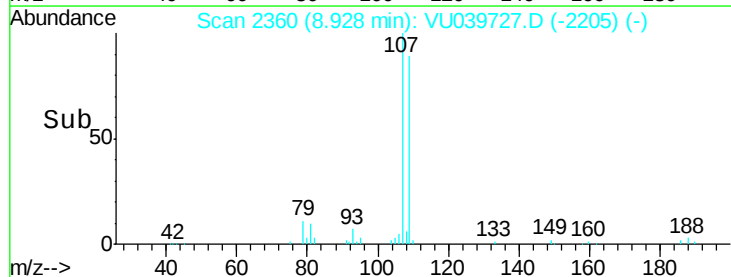
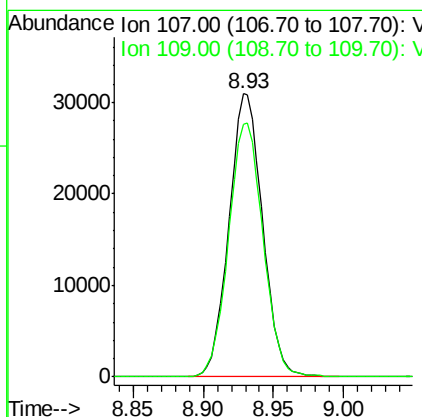
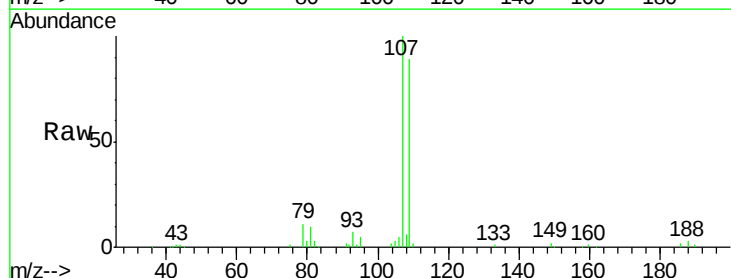
MMDadoda

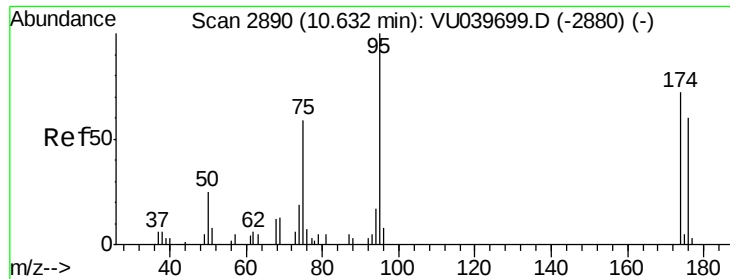
8/12/2020 6:35:21 PM



#56
1,2-Dibromoethane
Concen: 10.233 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.1	0.0	185.2





#57
 4-Bromofluorobenzene
 Concen: 0.954 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

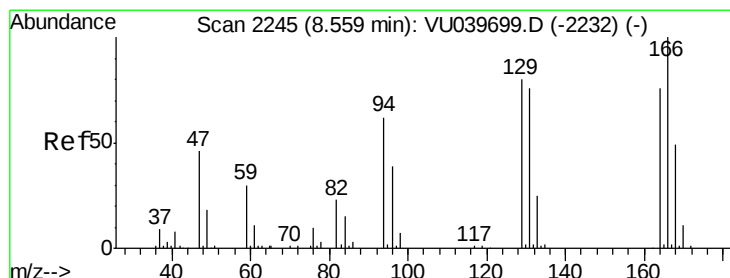
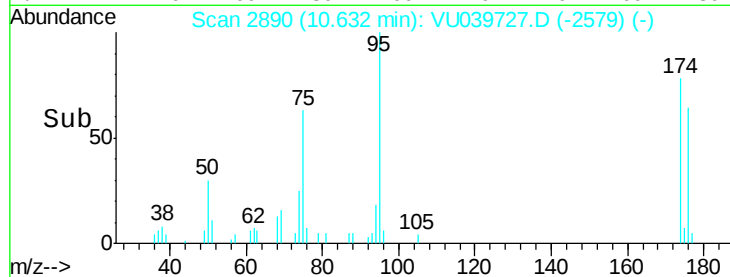
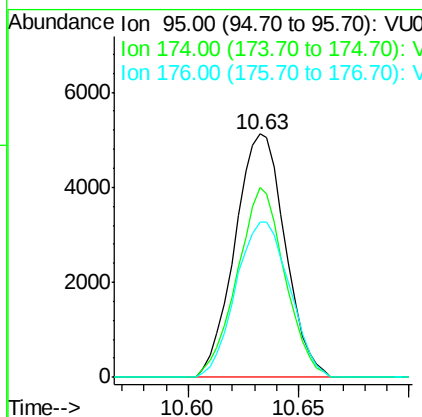
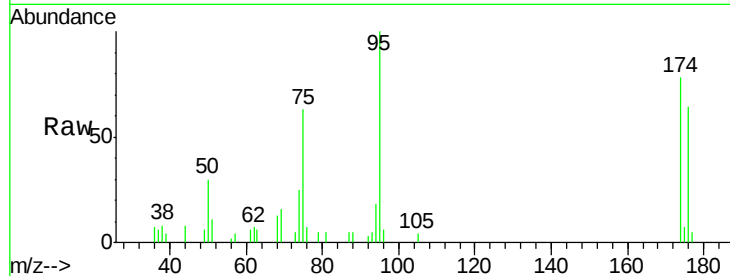
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.0	57.0	85.4
176	68.0	50.2	75.2

Manual Integrations
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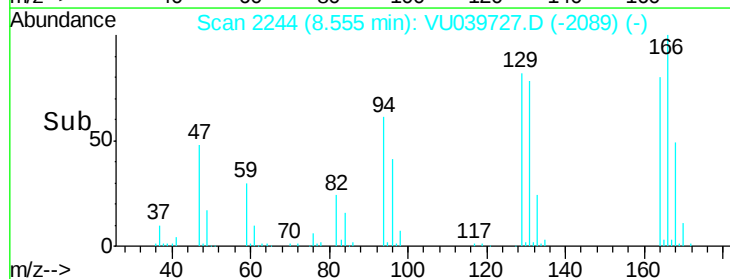
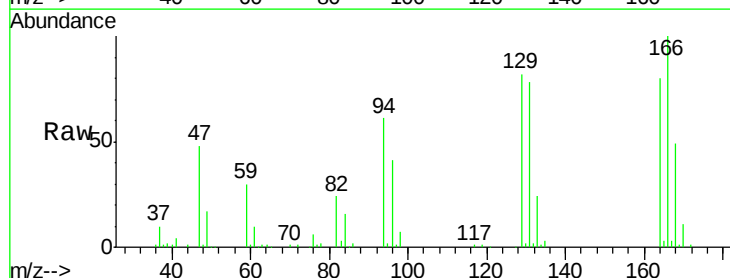
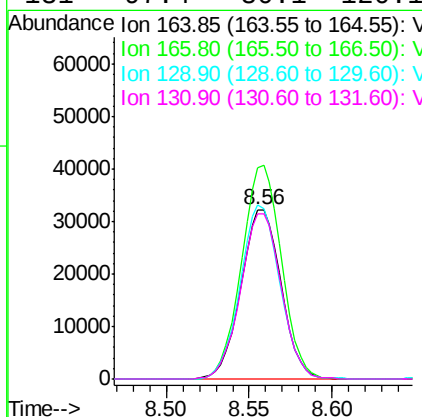
MMDadoda

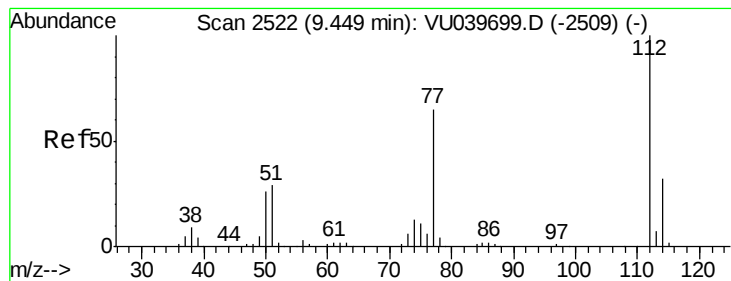
8/12/2020 6:35:21 PM



#58
 Tetrachloroethene
 Concen: 10.015 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	104.8	157.2
129	102.7	84.1	126.1
131	97.4	80.1	120.1





#59

Chlorobenzene

Concen: 10.088 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:112 Resp: 168406

Ion Ratio Lower Upper

112 100

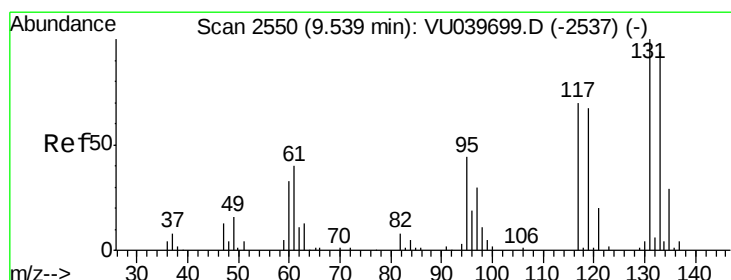
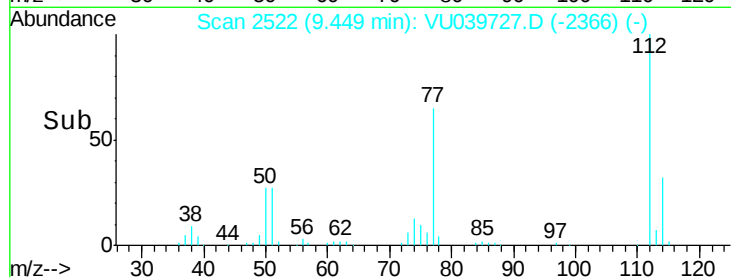
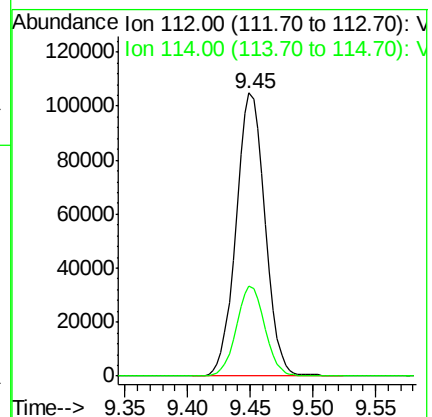
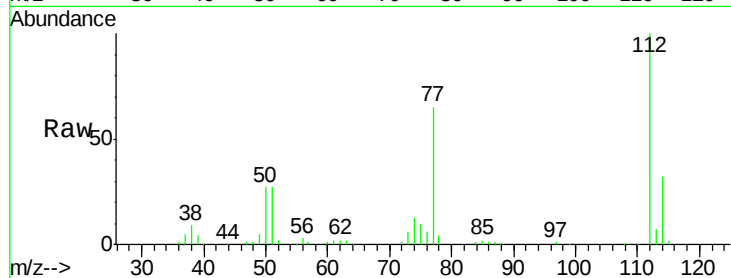
114 31.8 25.8 38.6

Manual Integrations

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#60

1,1,1,2-Tetrachloroethane

Concen: 10.146 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

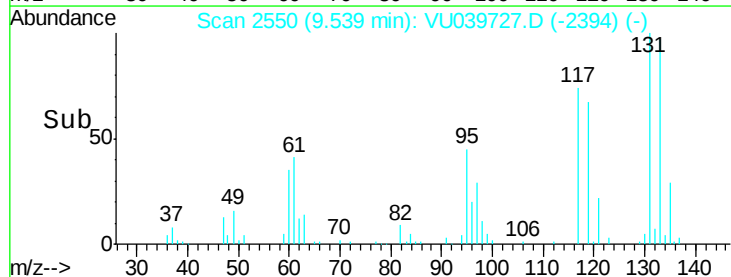
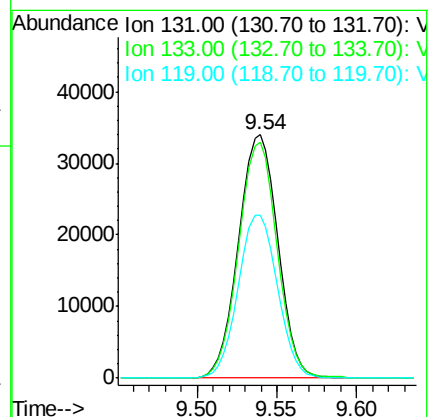
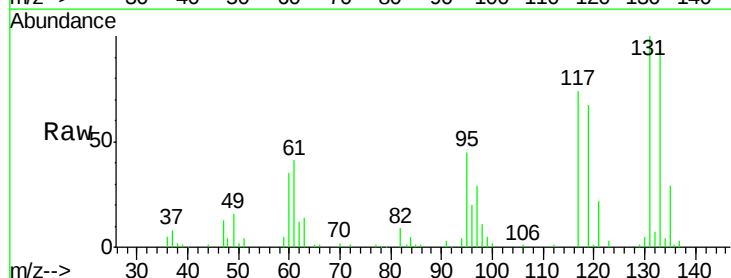
Tgt Ion:131 Resp: 57106

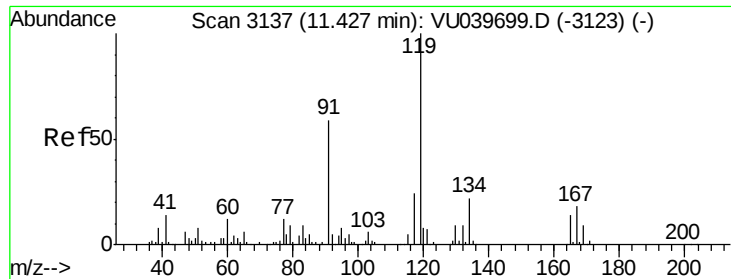
Ion Ratio Lower Upper

131 100

133 94.7 75.8 113.8

119 66.6 54.6 81.8





#61
 Pentachloroethane
 Concen: 9.731 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

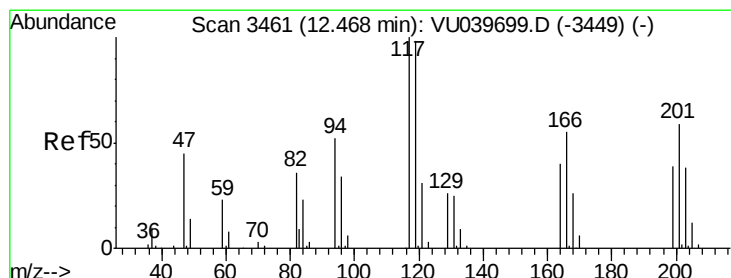
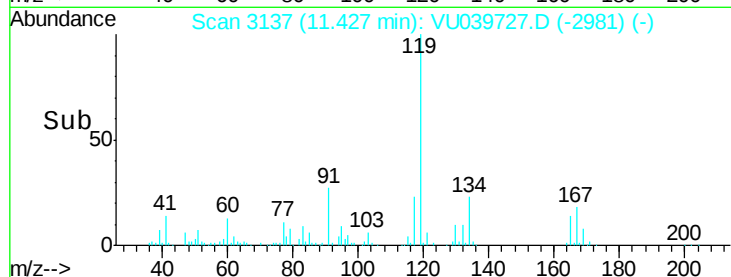
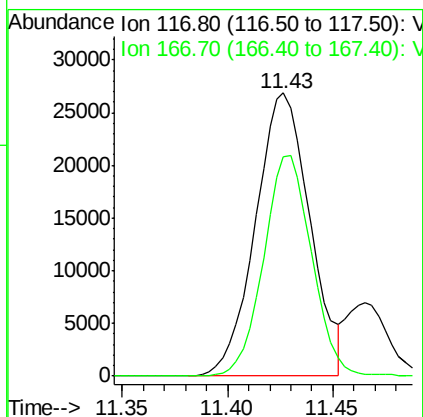
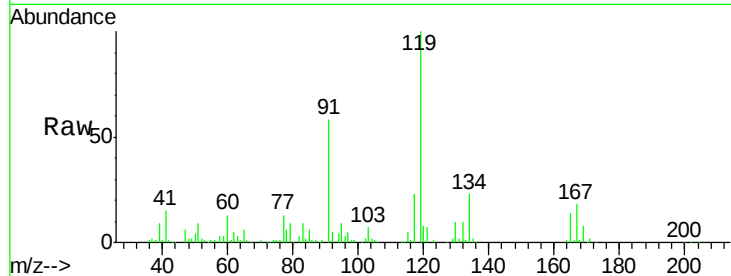
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:117 Resp: 48120
 Ion Ratio Lower Upper
 117 100
 167 69.0 56.6 85.0

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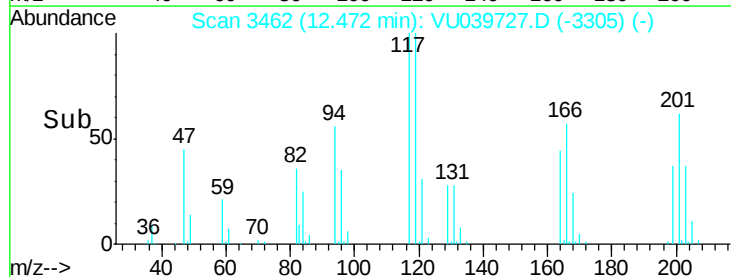
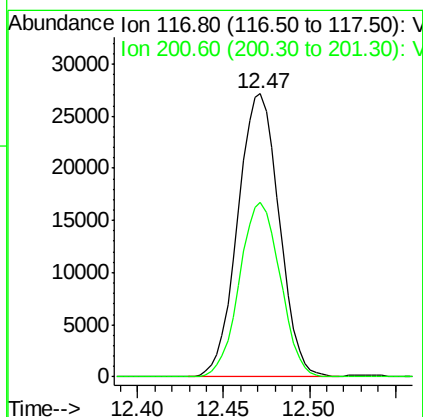
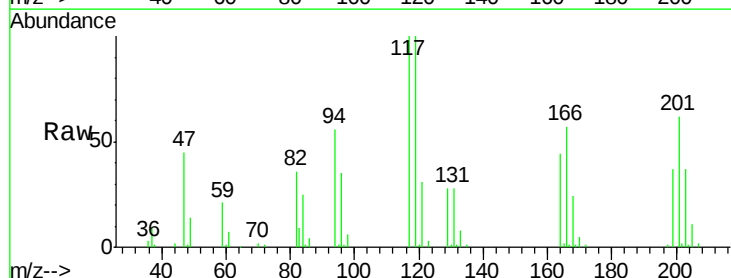
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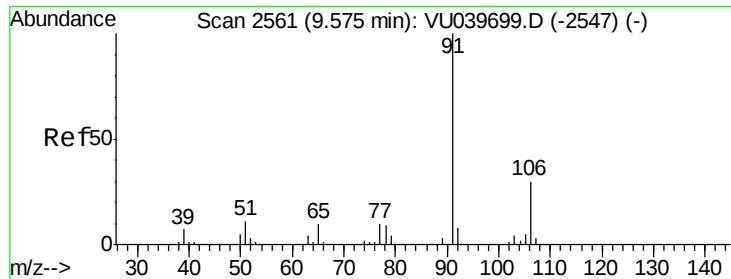
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#62
 Hexachloroethane
 Concen: 10.042 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion:117 Resp: 45515
 Ion Ratio Lower Upper
 117 100
 201 60.4 48.1 72.1





#63
Ethyl Benzene
Concen: 10.519 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

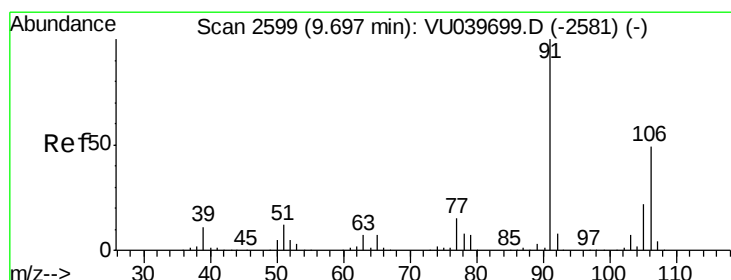
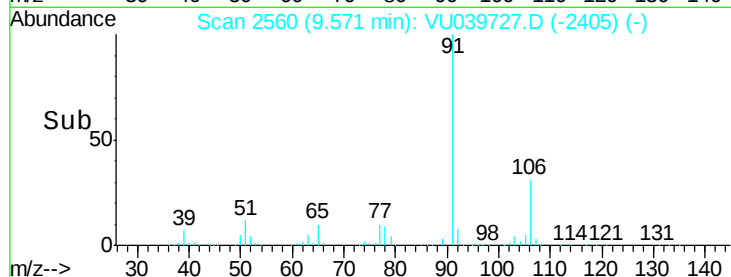
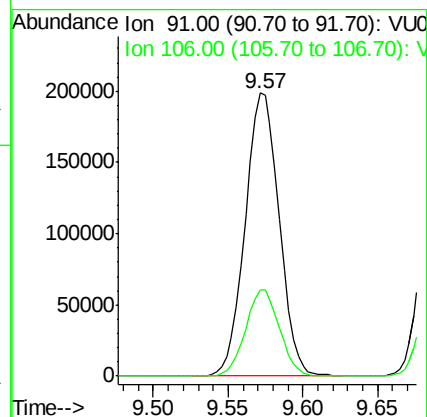
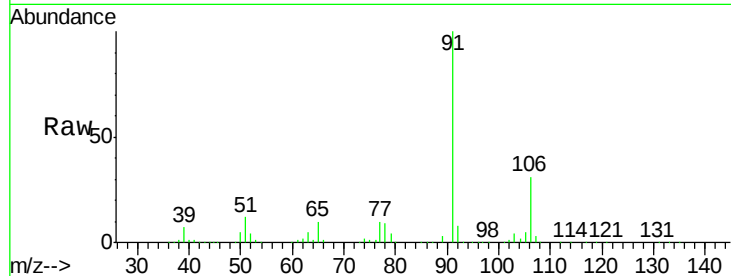
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 314688
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

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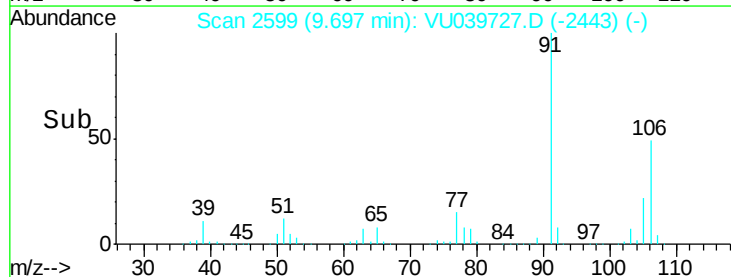
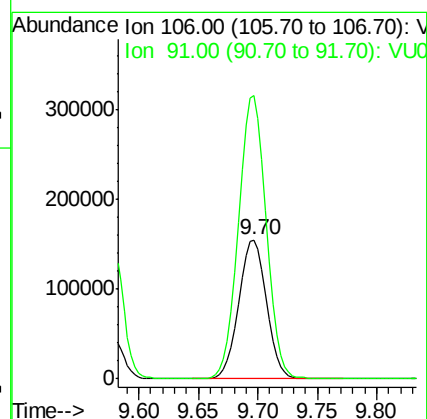
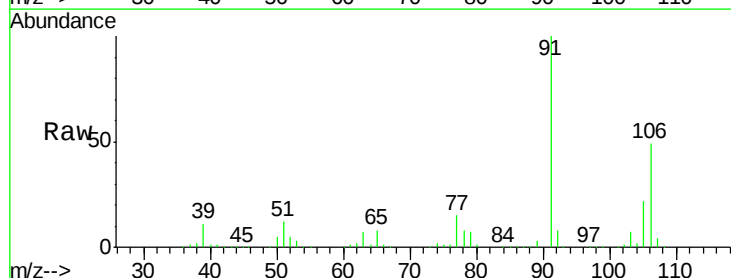
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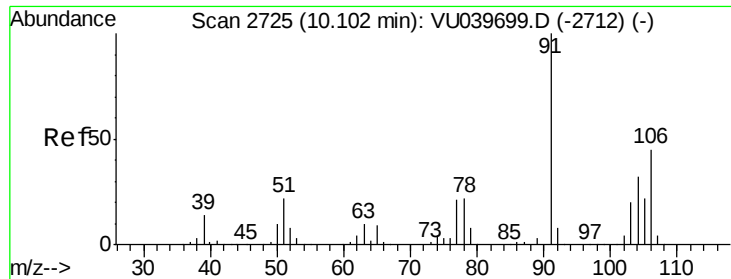
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#64
m/p-Xylenes
Concen: 21.465 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 106 Resp: 250885
Ion Ratio Lower Upper
106 100
91 202.4 163.9 245.9





#65
o-Xylene
Concen: 10.546 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

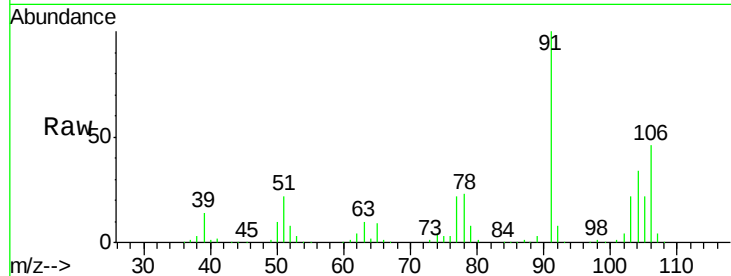
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:106 Resp: 117027
Ion Ratio Lower Upper
106 100
91 215.8 110.3 331.0

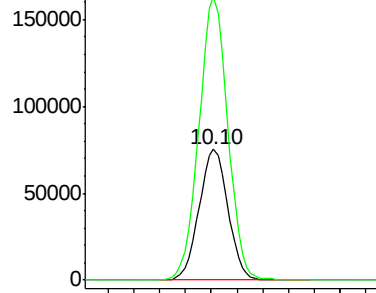
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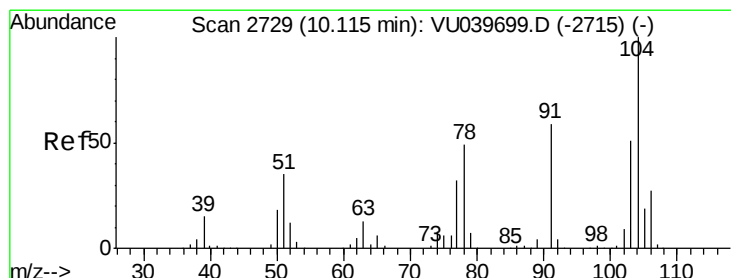
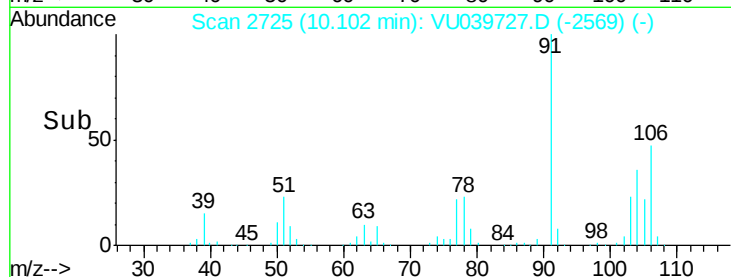
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

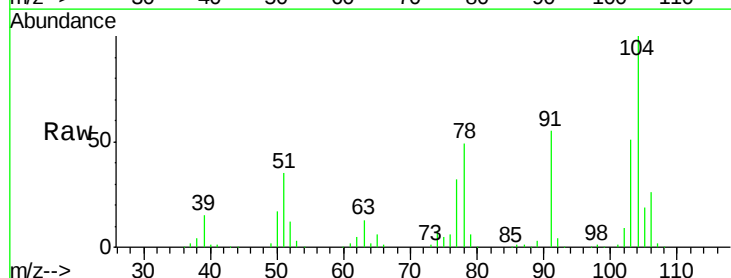


Time-->

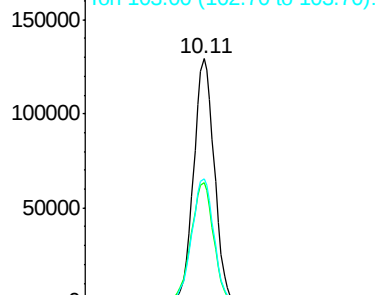


#66
Styrene
Concen: 10.781 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

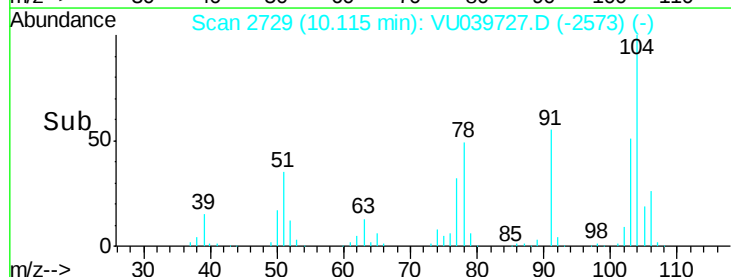
Tgt Ion:104 Resp: 205029
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.4
103 54.3 43.4 65.2

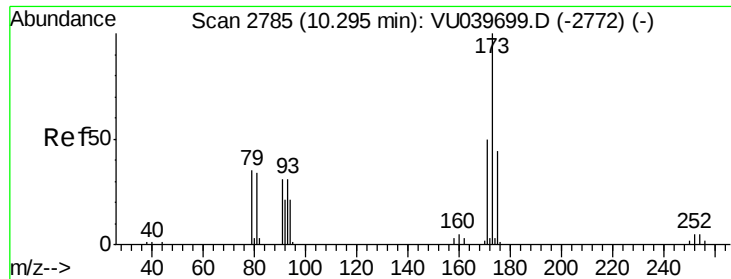


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#67
Bromoform
Concen: 10.372 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

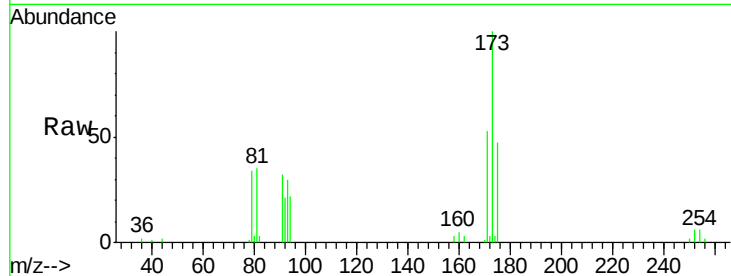
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	36.7	55.1
254	4.8	3.8	5.8

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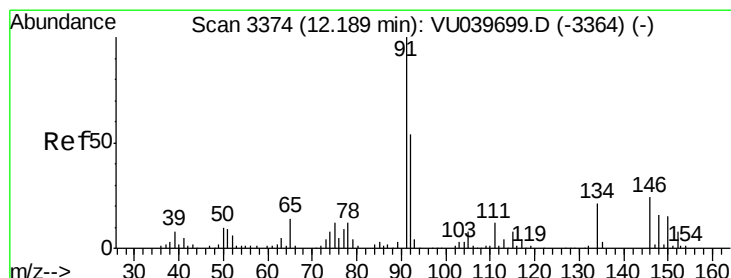
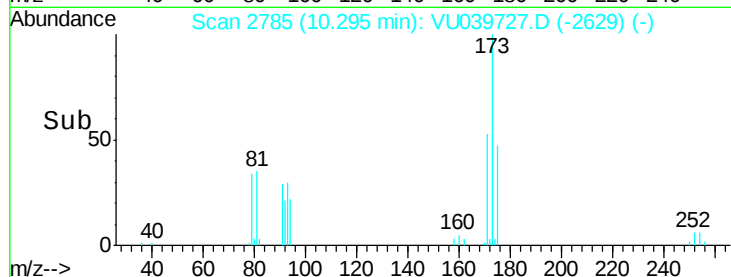
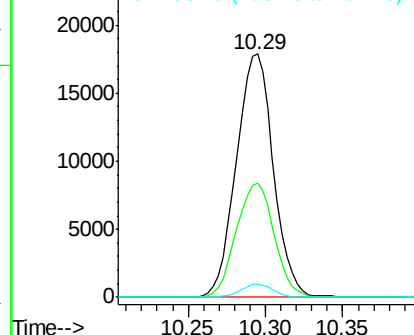


Abundance

Ion 172.90 (172.60 to 173.60): V

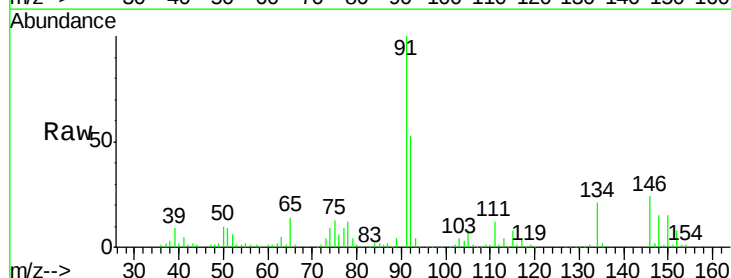
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 1.006 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	147.8	0.0	302.4
150	318.7	0.0	645.8

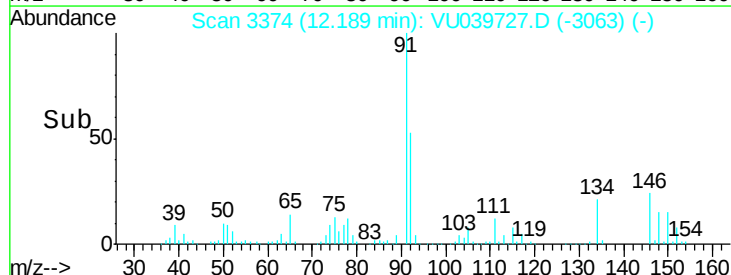
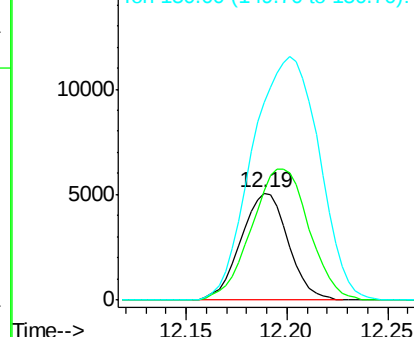


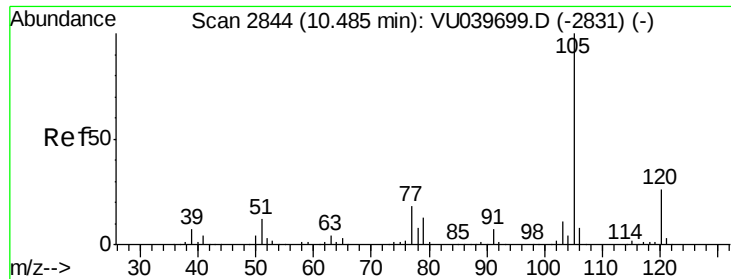
Abundance

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: 10.349 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 306736

Ion Ratio Lower Upper

105 100

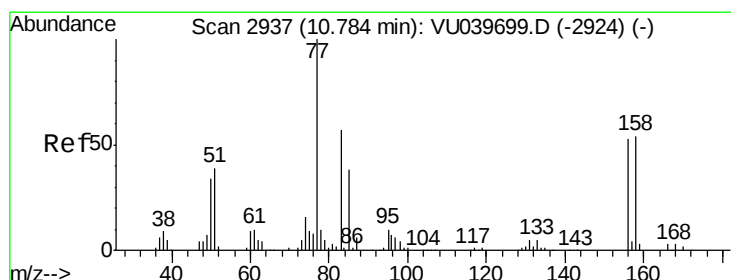
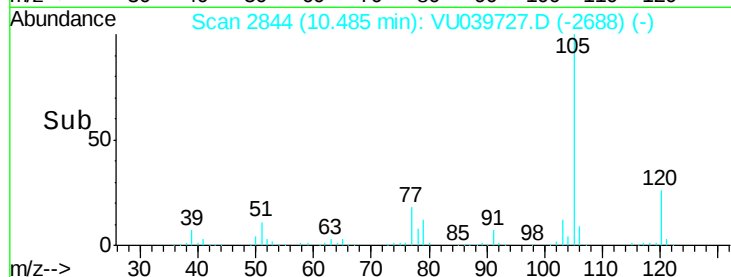
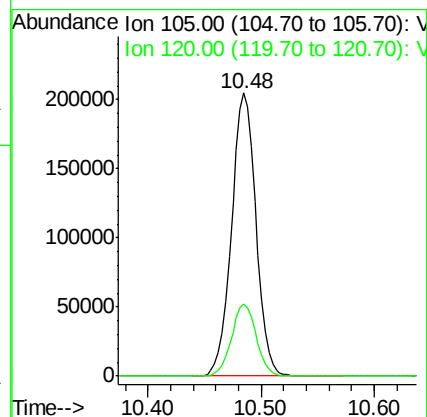
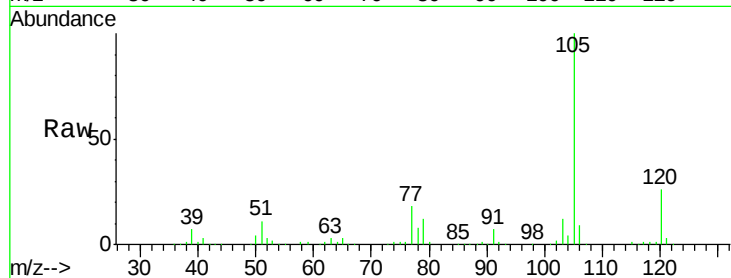
120 25.7 12.8 38.4

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.874 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

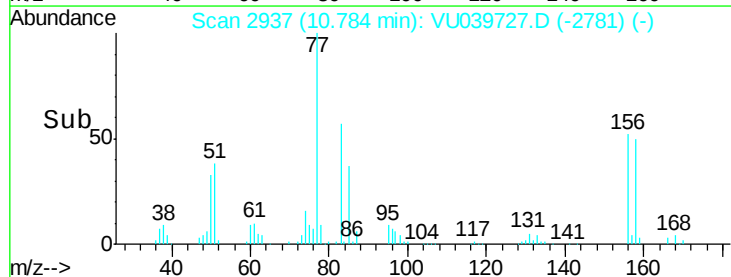
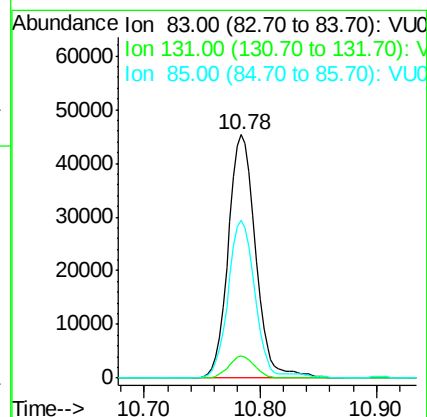
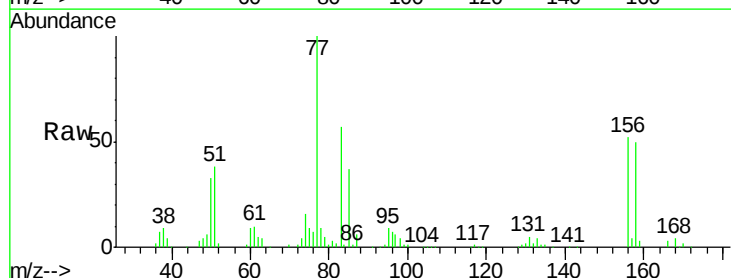
Tgt Ion: 83 Resp: 74280

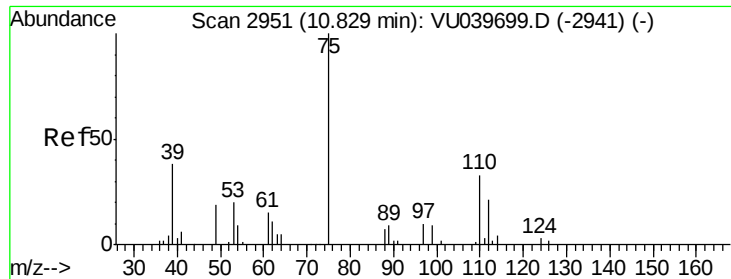
Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

85 62.5 50.6 75.8





#71
 1,2,3-Trichloropropane
 Concen: 11.994 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

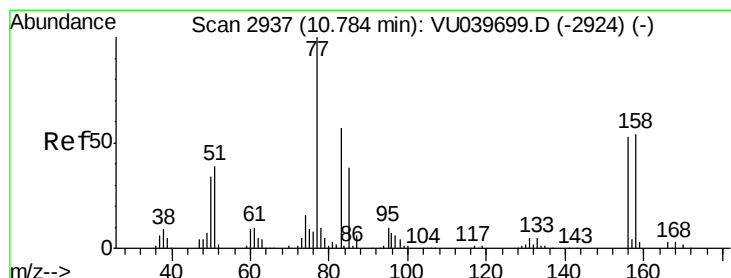
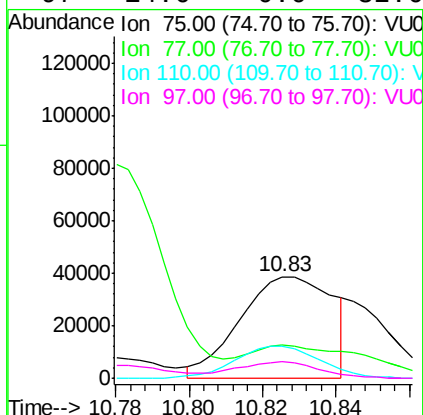
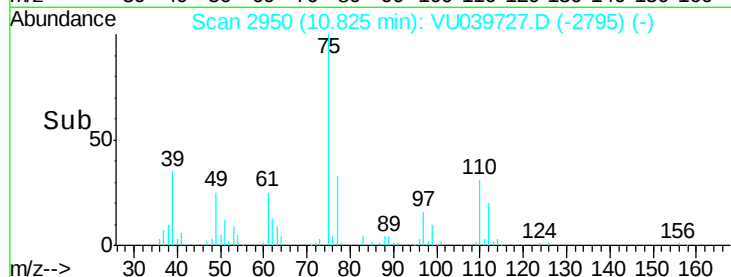
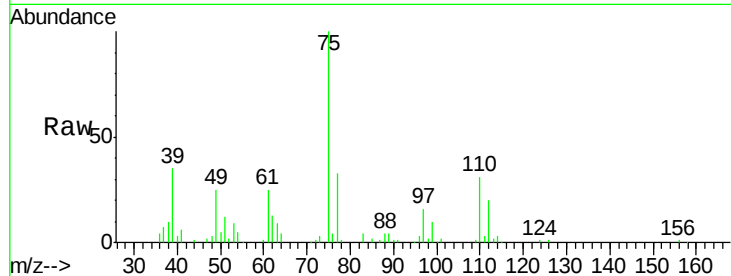
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
75	75	100		
77	77	39.8	0.0	91.0
110	110	29.2	0.0	64.2
97	97	14.6	0.0	32.6

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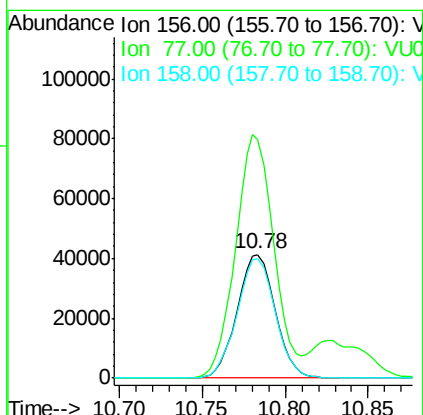
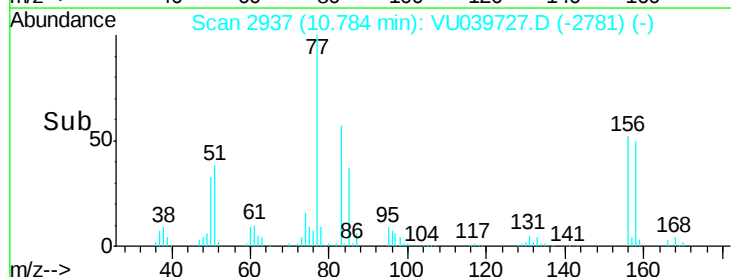
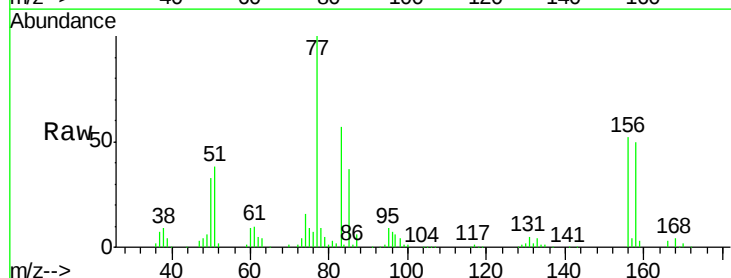
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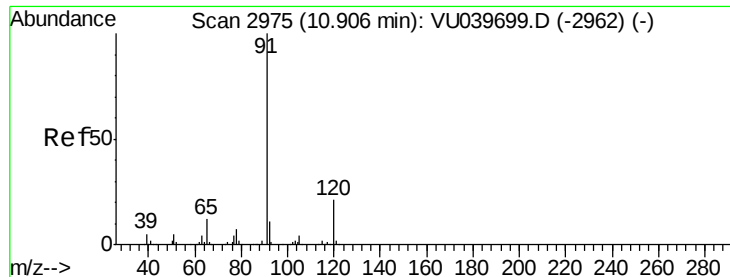
8/12/2020 6:35:21 PM



#72
 Bromobenzene
 Concen: 9.816 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion	Ion	Ratio	Lower	Upper
156	156	100		
77	77	197.8	0.0	385.2
158	158	97.3	0.0	200.8





#73

n-propylbenzene

Concen: 10.275 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:120 Resp: 85626

Ion Ratio Lower Upper

120 100

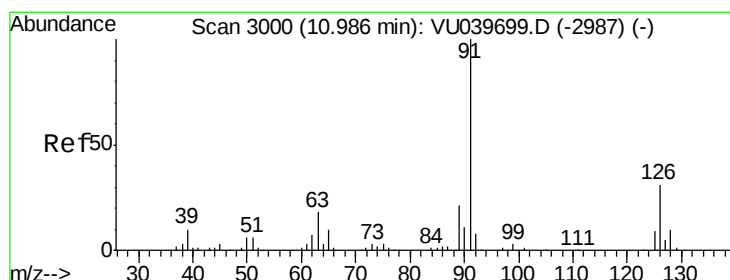
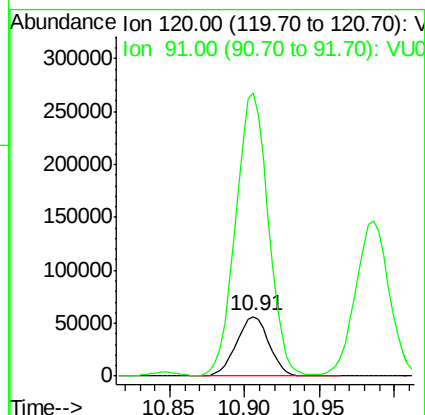
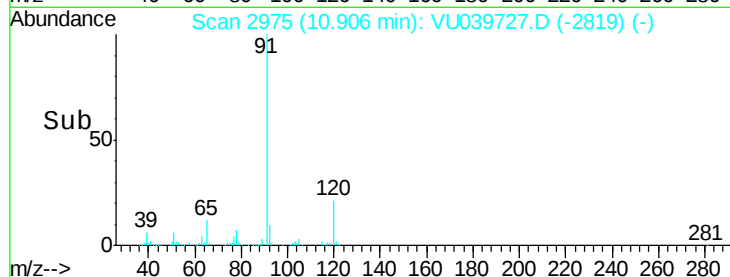
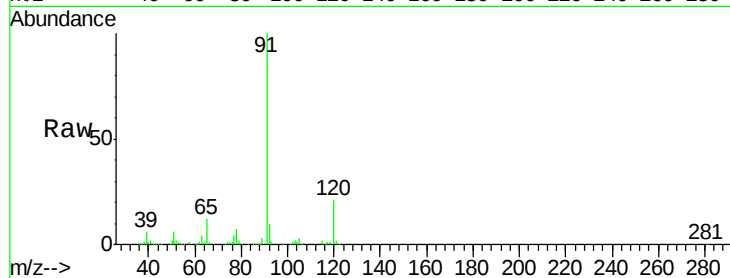
91 472.8 371.7 557.5

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8/12/2020 6:35:21 PM



#74

2-Chlorotoluene

Concen: 10.053 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU039727.D

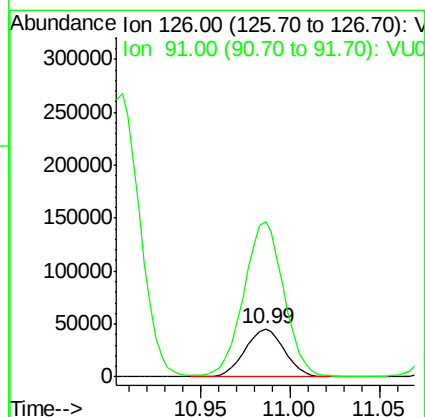
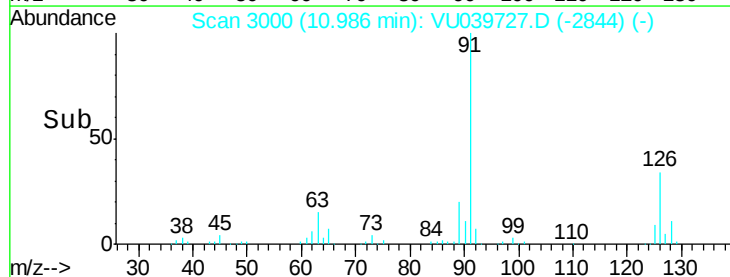
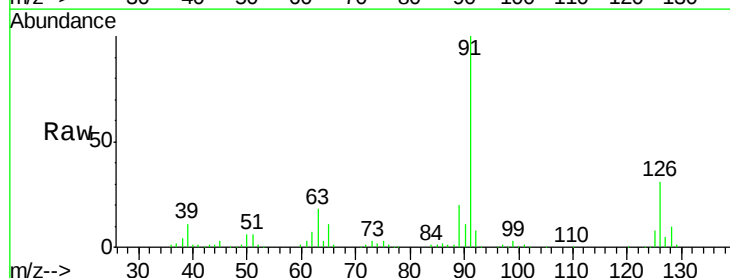
Acq: 30 Jul 2020 18:59

Tgt Ion:126 Resp: 70777

Ion Ratio Lower Upper

126 100

91 322.2 0.0 637.0





#75

1,3,5-Trimethylbenzene

Concen: 10.610 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 271869

Ion Ratio Lower Upper

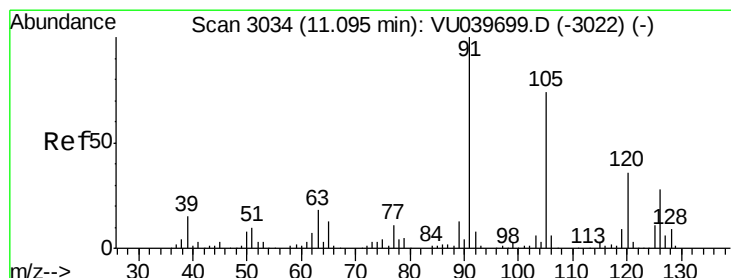
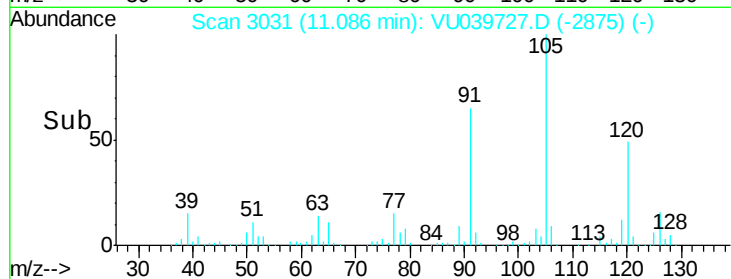
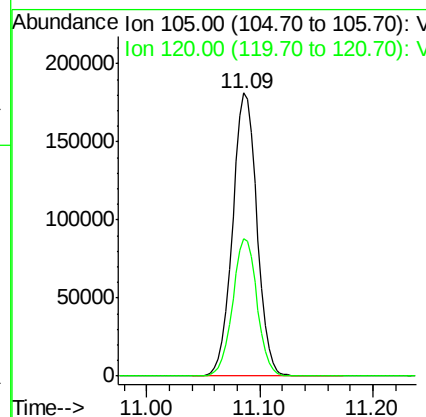
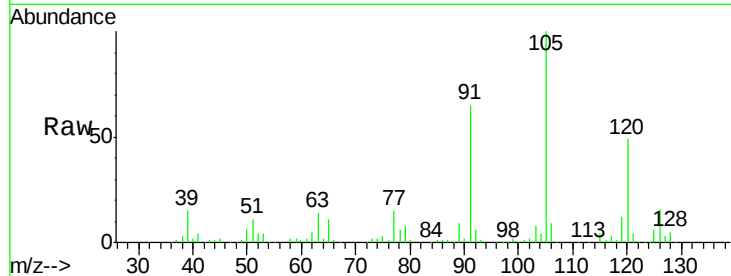
105 100

120 48.5 38.0 57.0

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8/12/2020 6:35:21 PM



#76

4-Chlorotoluene

Concen: 10.487 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU039727.D

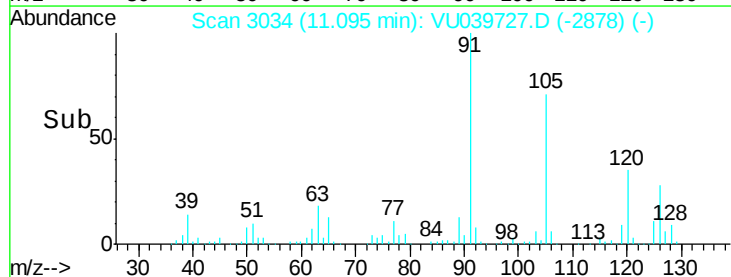
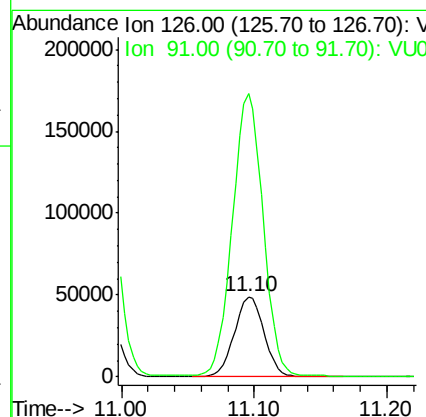
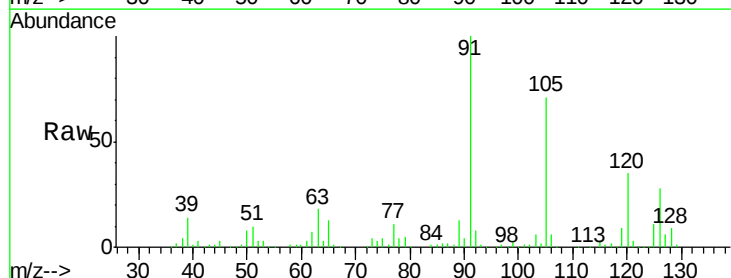
Acq: 30 Jul 2020 18:59

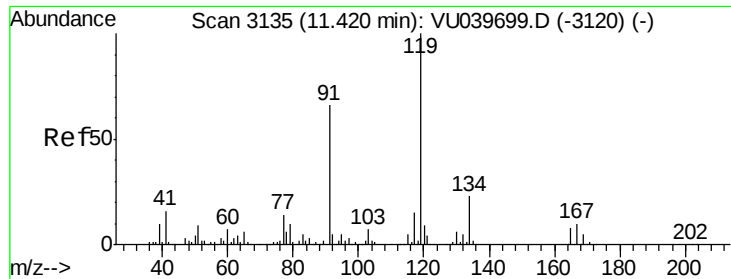
Tgt Ion:126 Resp: 76471

Ion Ratio Lower Upper

126 100

91 358.0 0.0 732.2





#77
tert-Butylbenzene
Concen: 10.282 ug/l
RT: 11.42 min Scan# 3135
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

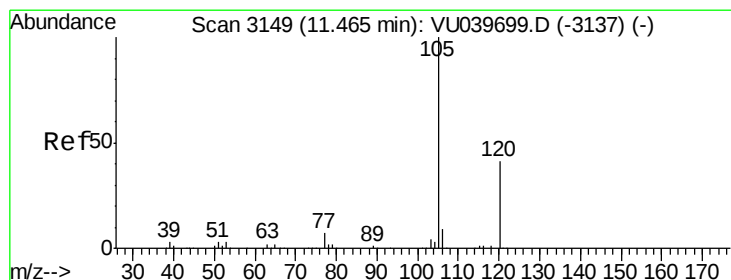
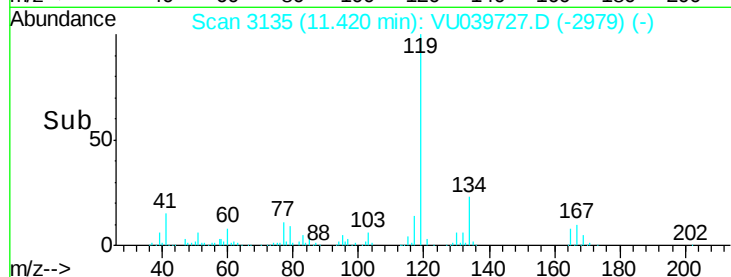
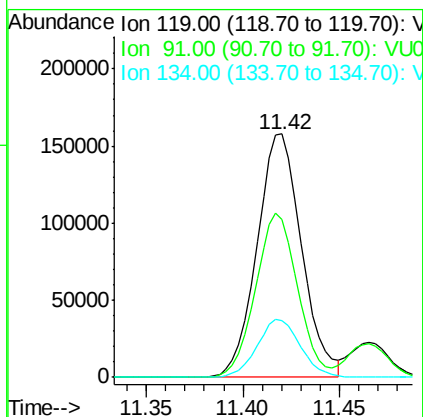
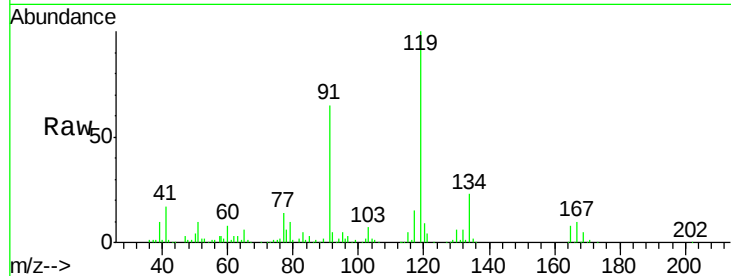
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.9	95.5
134	23.2	18.2	27.4

Manual Integrations
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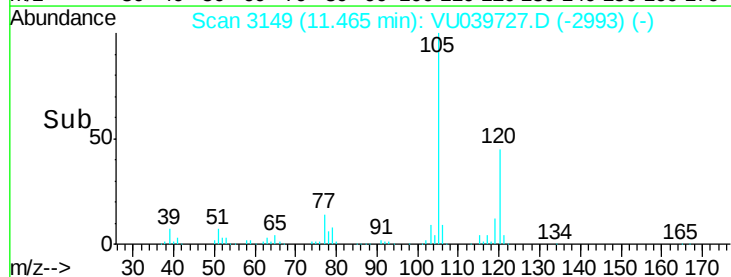
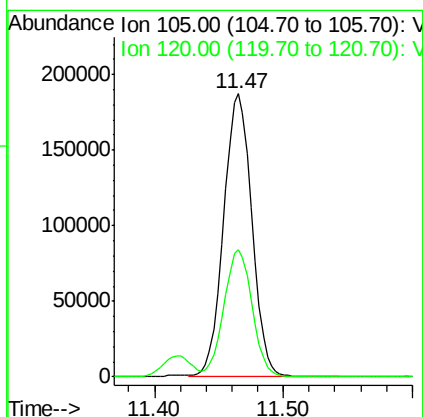
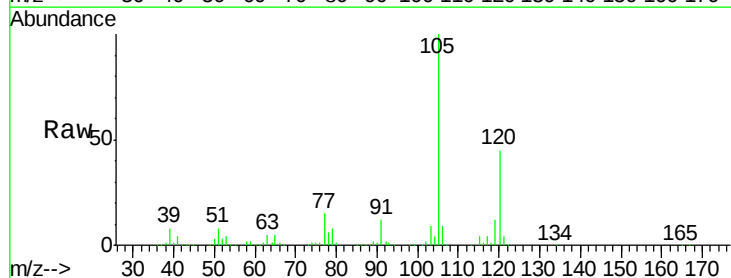
MMDadoda

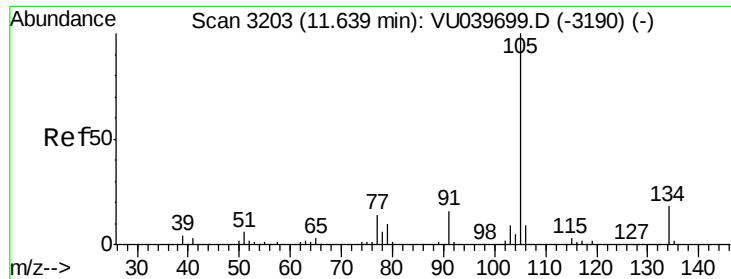
8/12/2020 6:35:21 PM



#78
1,2,4-Trimethylbenzene
Concen: 10.764 ug/l
RT: 11.47 min Scan# 3149
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.0





#79

sec-Butylbenzene

Concen: 10.253 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 358736

Ion Ratio Lower Upper

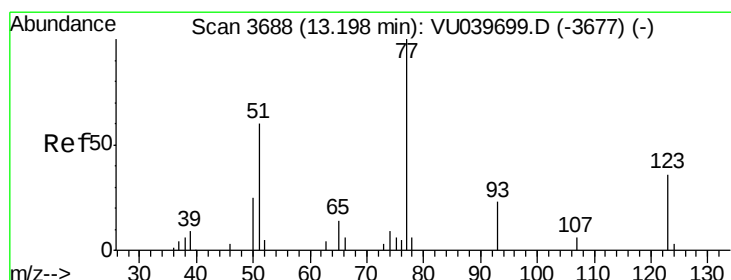
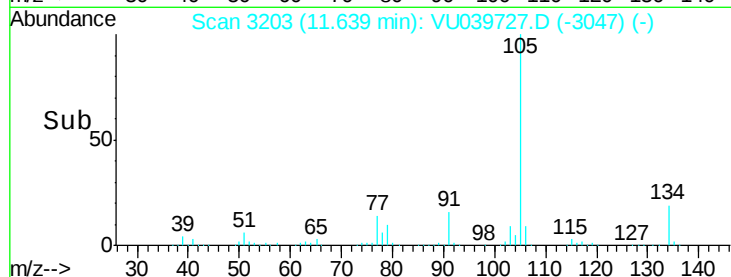
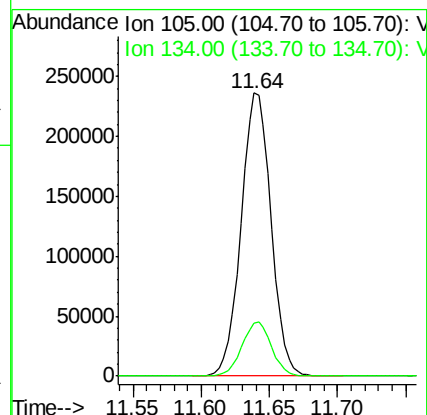
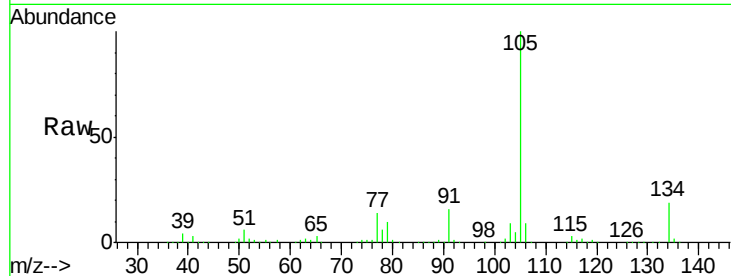
105 100

134 18.8 14.8 22.2

Manual Integrations
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#80

Nitrobenzene

Concen: 49.464 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

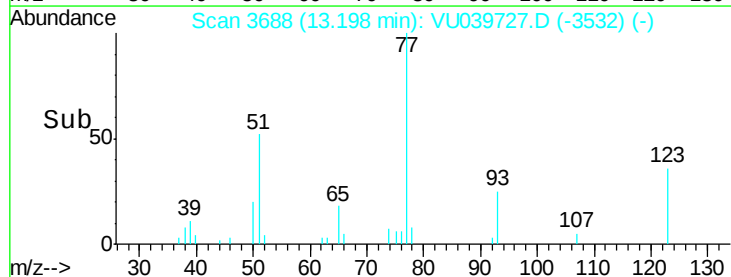
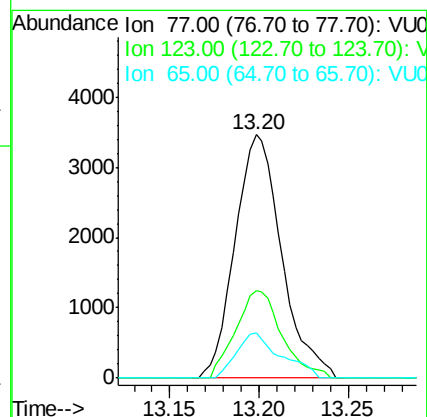
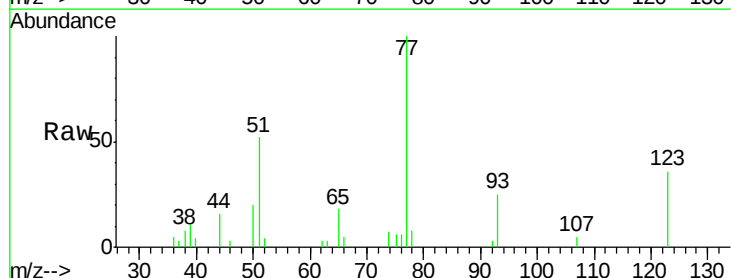
Tgt Ion: 77 Resp: 6297

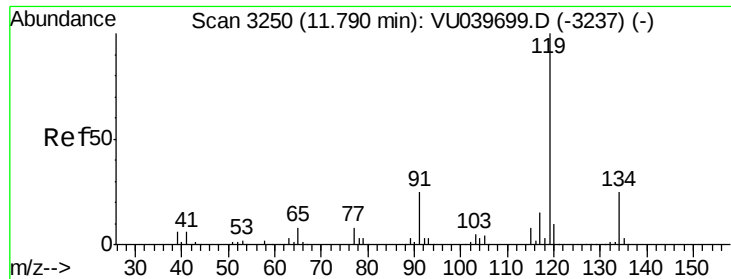
Ion Ratio Lower Upper

77 100

123 35.7 16.9 59.9

65 17.7 14.4 18.4





#81
 p-Isopropyltoluene
 Concen: 10.432 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

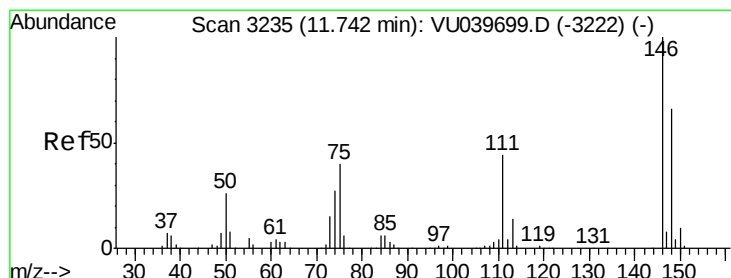
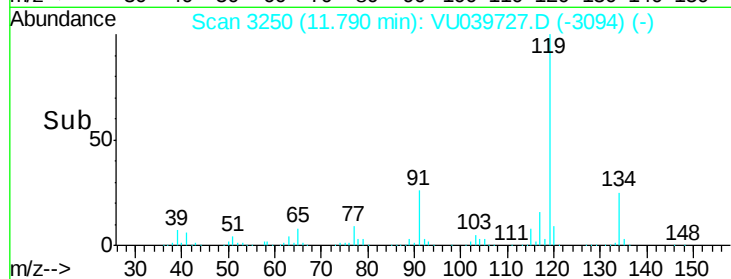
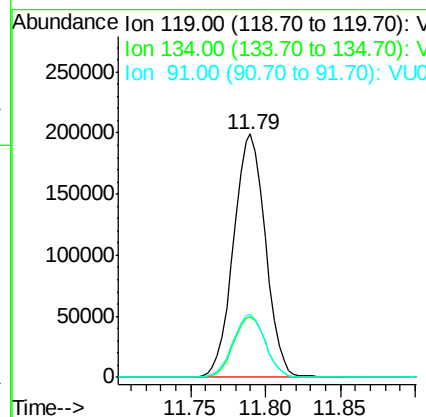
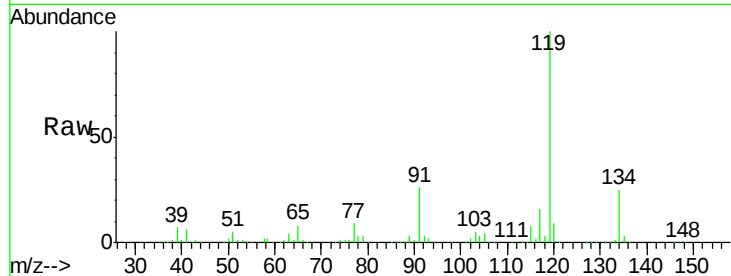
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	26.0	20.7	31.1

Manual Integrations
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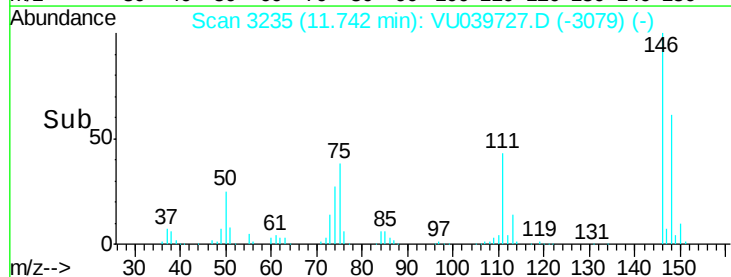
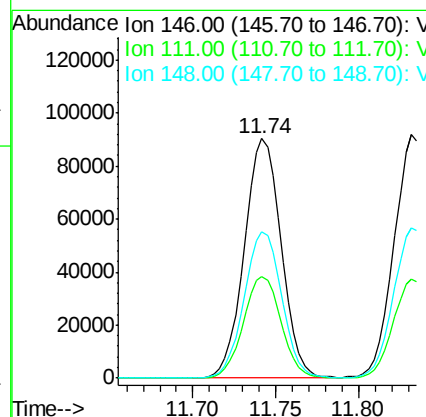
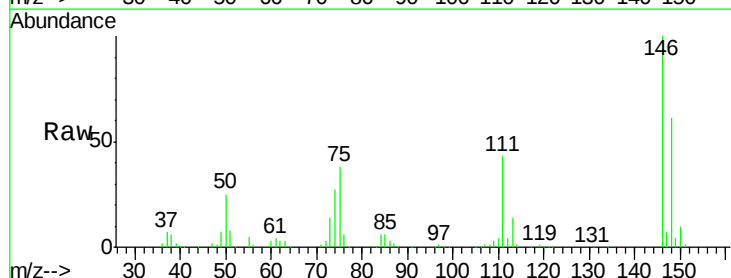
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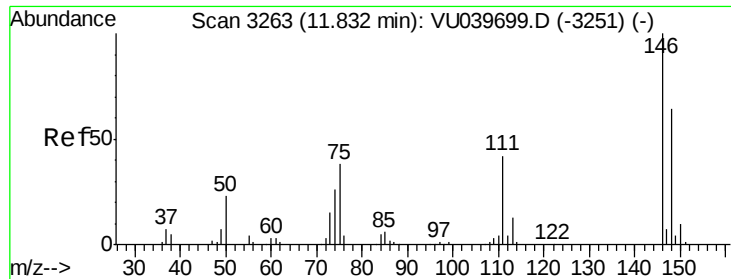
8/12/2020 6:35:21 PM



#82
 1,3-Dichlorobenzene
 Concen: 9.675 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	34.5	51.7
148	62.3	51.4	77.0





#83
 1,4-Dichlorobenzene
 Concen: 9.758 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

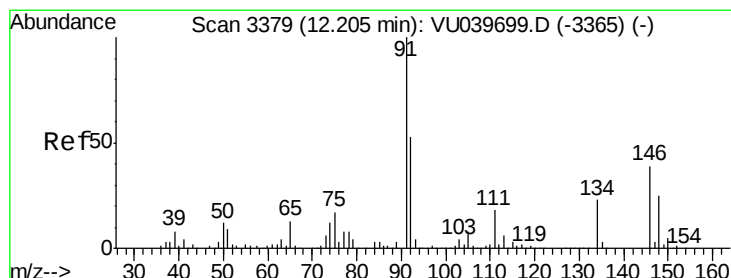
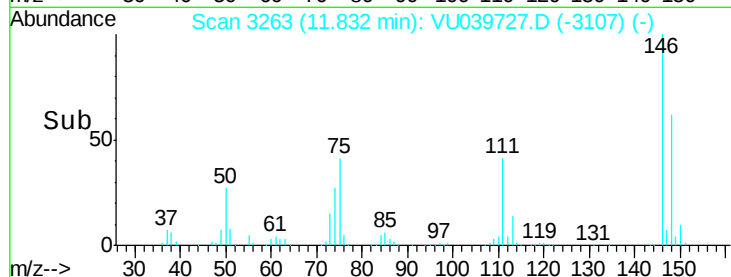
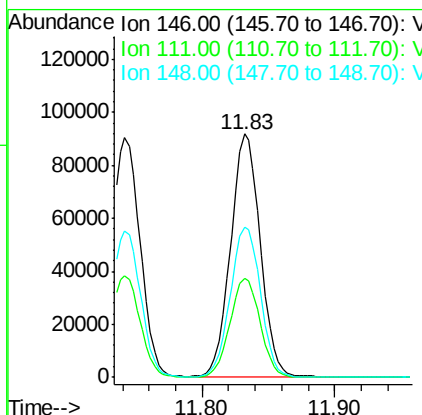
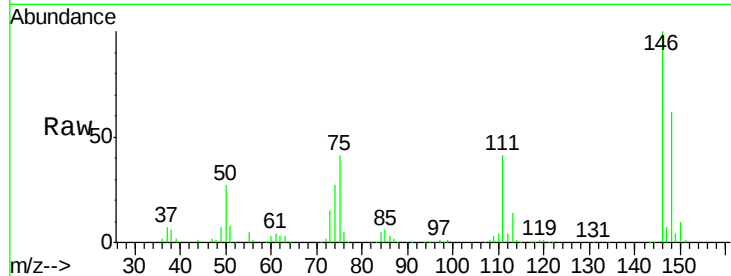
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.8	50.6
148	63.0	51.1	76.7

Manual Integrations
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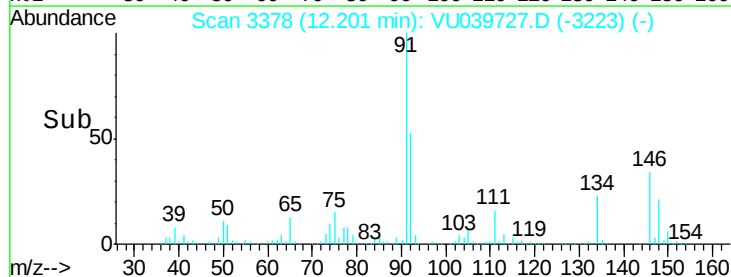
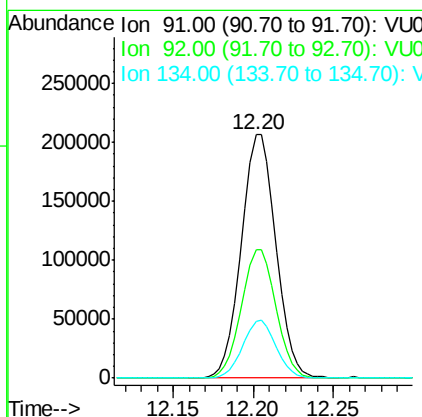
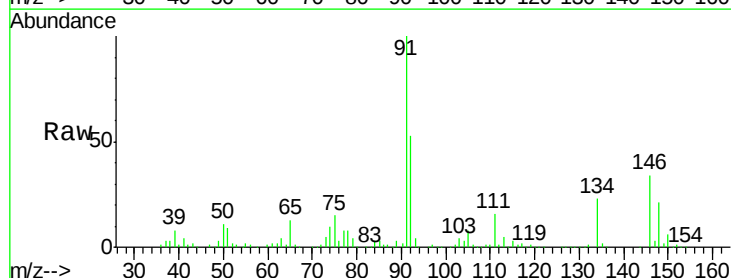
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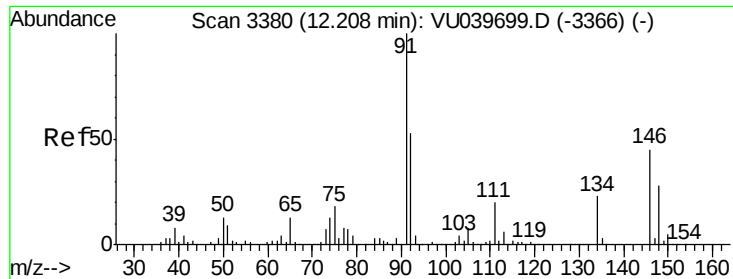
8/12/2020 6:35:21 PM



#84
 n-Butylbenzene
 Concen: 10.149 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	42.6	64.0
134	23.0	18.2	27.4





#85
 1,2-Dichlorobenzene
 Concen: 9.660 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

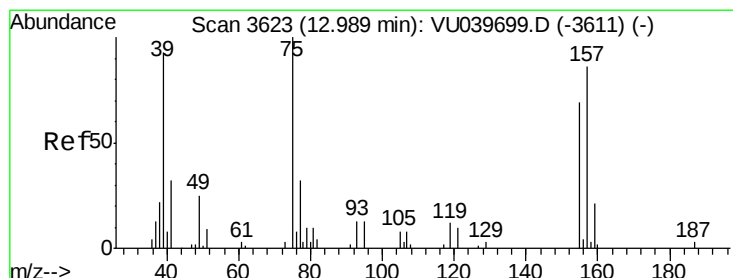
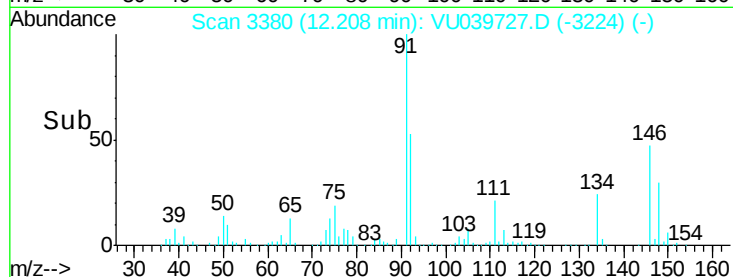
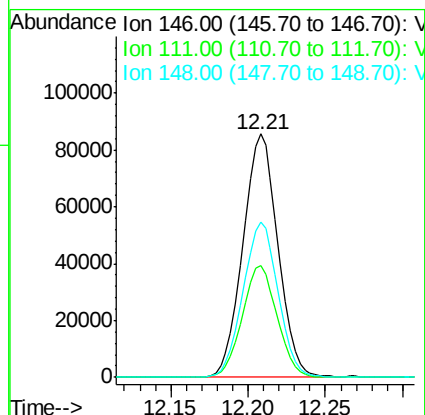
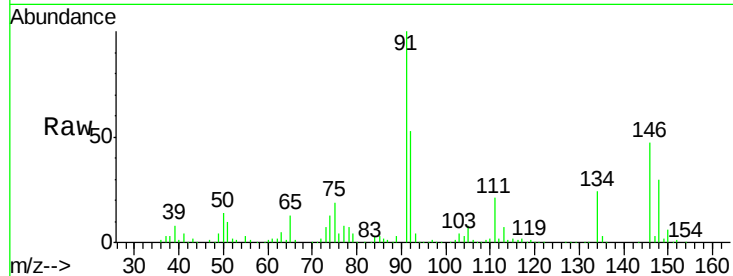
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.8	68.3
148	63.9	31.7	95.1

Manual Integrations
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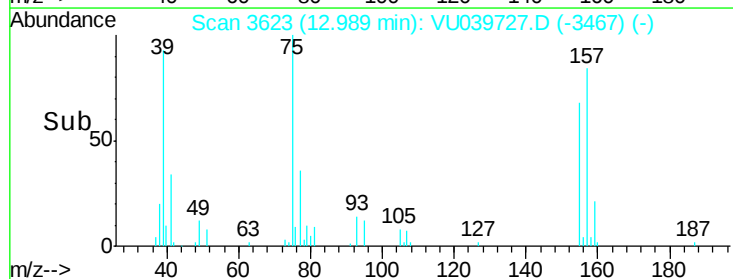
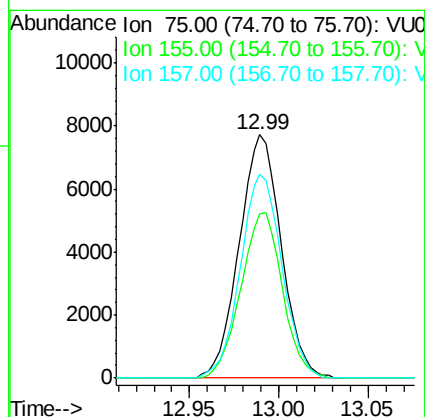
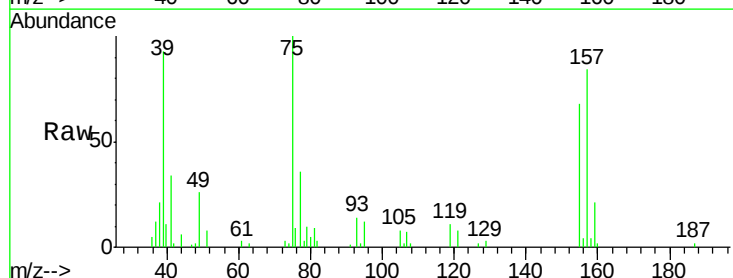
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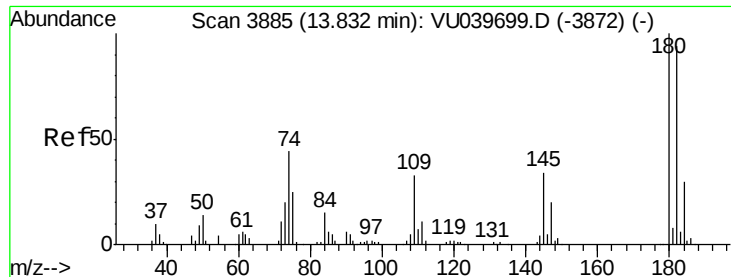
8/12/2020 6:35:21 PM



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.022 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.9	52.9	79.3
157	82.6	67.8	101.6





#87
 1,2,4-Trichlorobenzene
 Concen: 9.478 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

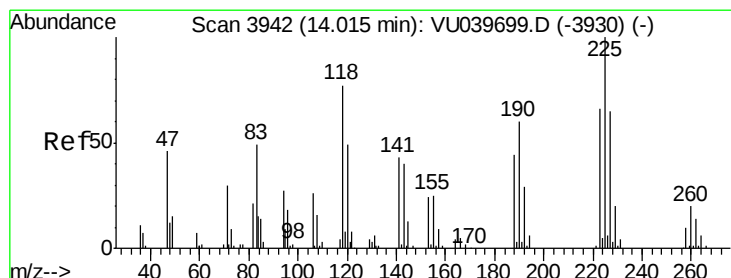
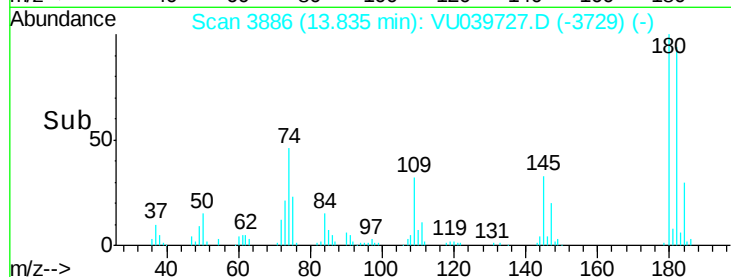
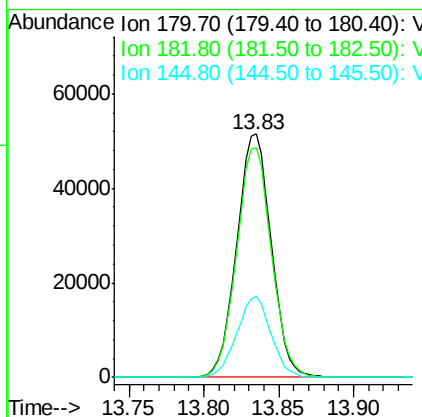
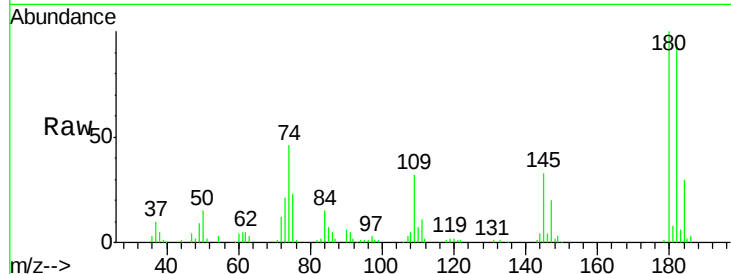
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.4
145	32.7	26.8	40.2

Manual Integrations
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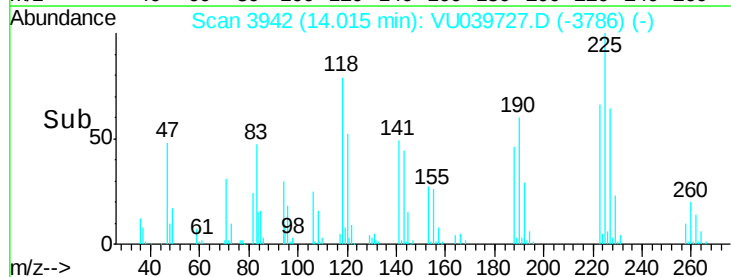
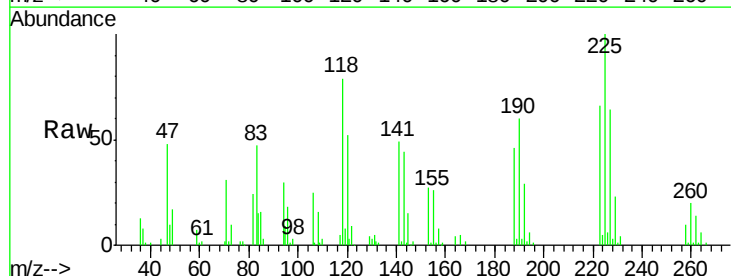
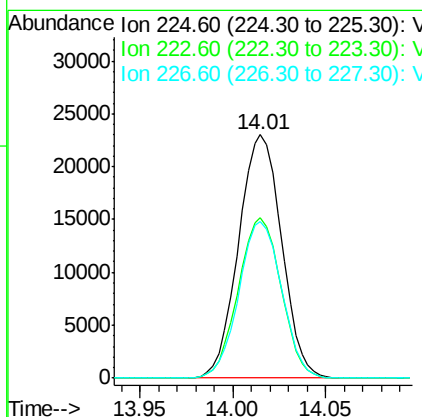
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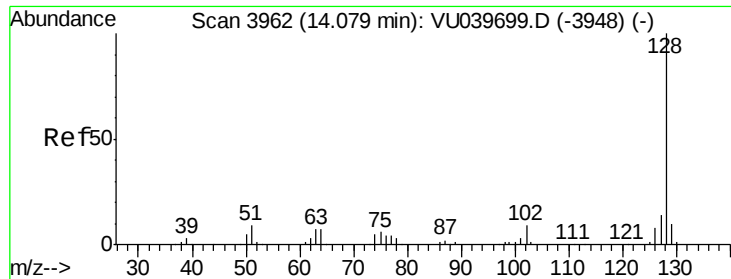
8/12/2020 6:35:21 PM



#88
 Hexachlorobutadiene
 Concen: 9.352 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.4	78.6
227	64.0	50.7	76.1





#89
Naphthalene
Concen: 10.272 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

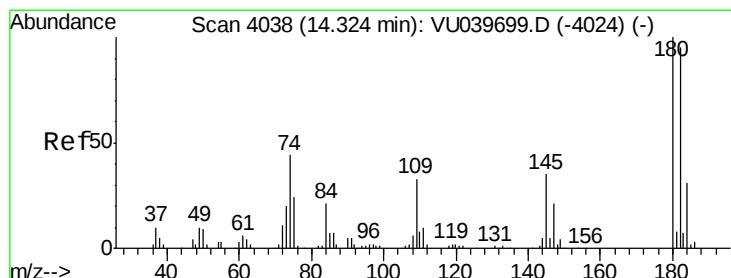
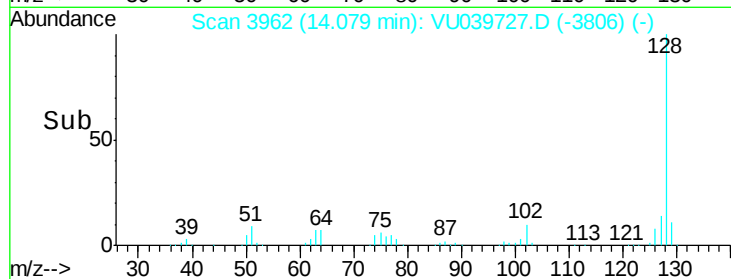
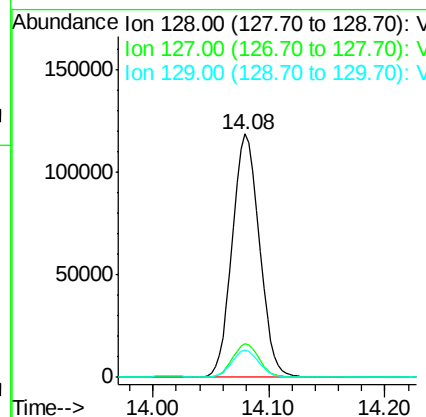
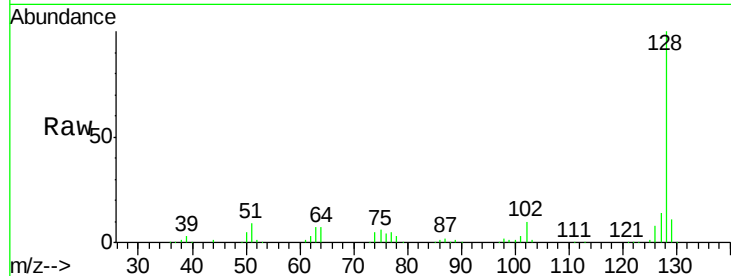
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.0	8.4	12.6

Manual Integrations
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8/12/2020 6:35:21 PM



#90
1,2,3-Trichlorobenzene
Concen: 9.984 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.0	114.0
145	34.2	27.8	41.6

