

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073020\
 Data File : VU039717.D
 Acq On : 30 Jul 2020 11:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

sam
 8/12/2020 6:34:06 PM

Quant Time: Jul 31 06:29:56 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	6.12	96	21145	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9791	1.18	ug/l	0.00
Spiked Amount 1.000			Recovery	=	118.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8375	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	72852	9.915	ug/l	98
3) Chloromethane	1.53	50	89288	9.782	ug/l	99
4) Vinyl Chloride	1.61	62	84987	10.103	ug/l	99
5) Bromomethane	1.86	94	50485	8.775	ug/l	98
6) Chloroethane	1.94	64	56246	9.637	ug/l	96
7) Trichlorofluoromethane	2.15	101	110972	9.974	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	65134	10.200	ug/l	98
9) 1,1-Dichloroethene	2.59	96	58880	10.022	ug/l	98
10) Iodomethane	2.74	142	72456	12.227	ug/l	99
11) Allyl Chloride	2.93	41	125725	9.920	ug/l	99
12) Acrylonitrile	3.33	53	43005	20.854	ug/l	95
13) Acetone	2.64	43	103861	53.527	ug/l	99
14) Carbon Disulfide	2.81	76	215890	10.020	ug/l	99
15) Methylene Chloride	3.06	84	74168	9.056	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	68394	10.239	ug/l	98
17) 1,1-Dichloroethane	3.89	63	145112	9.893	ug/l	99
18) 2-Butanone	4.74	43	161703	49.558	ug/l	99
19) Cyclohexane	5.39	56	129816	9.144	ug/l	93
20) Methylcyclohexane	6.77	83	113356	10.776	ug/l	99
21) 2,2-Dichloropropane	4.68	77	116536	9.740	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	72993	10.138	ug/l	98
23) Diethyl Ether	2.39	59	59797	9.955	ug/l	100
24) tert-Butyl Alcohol	3.20	59	66444	92.280	ug/l	98
25) Methyl tert-Butyl Ether	3.38	73	194028	10.121	ug/l	100
26) Bromochloromethane	4.99	128	29599	10.048	ug/l	99
27) Chloroform	5.11	83	135177	9.847	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	113174	10.189	ug/l	98
29) 1,1-Dichloropropene	5.54	75	107575	10.057	ug/l	99
30) Carbon Tetrachloride	5.53	117	92164	10.148	ug/l	98
31) Isopropyl Ether	4.02	45	265709	9.933	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	224447	9.859	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	163083	9.936	ug/l	99
34) Propionitrile	4.80	54	40118	49.841	ug/l	99
35) Benzene	5.79	78	261385	9.879	ug/l	100
36) 1,2-Dichloroethane	5.81	62	97329	9.814	ug/l	100
37) Trichloroethene	6.55	130	61088	10.092	ug/l	97
38) 1,2-Dichloropropane	6.81	63	75355	10.334	ug/l	99
39) Methacrylonitrile	5.00	41	38821	9.152	ug/l	98
40) Methyl acrylate	4.87	55	54948	10.045	ug/l	98
41) Tetrahydrofuran	5.08	42	38583	18.078	ug/l	99
42) 1-Chlorobutane	5.47	56	169293	10.085	ug/l	99

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Manual Integrations
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Quant Time: Jul 31 06:29:56 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)
43) Dibromomethane	6.93	93	38572	9.830	ug/l	99
44) Bromodichloromethane	7.12	83	93008	10.338	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	311492	52.403	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	44782m	25.330	ug/l	
47) Methyl methacrylate	6.98	69	78182	21.362	ug/l	99
48) Ethyl methacrylate	8.34	69	72811	10.809	ug/l	99
49) Toluene	7.98	92	166712	10.586	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	89465	11.041	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	100349	10.536	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	52041	10.208	ug/l	97
53) 1,3-Dichloropropane	8.58	76	99651	10.180	ug/l	99
54) 2-Hexanone	8.70	43	225593	53.007	ug/l	99
55) Dibromochloromethane	8.82	129	57476	10.499	ug/l	99
56) 1,2-Dibromoethane	8.93	107	50540	10.288	ug/l	99
58) Tetrachloroethene	8.56	164	54388	10.264	ug/l	98
59) Chlorobenzene	9.45	112	171239	10.515	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	57540	10.479	ug/l	99
61) Pentachloroethane	11.43	117	49094	10.176	ug/l	99
62) Hexachloroethane	12.47	117	47345	10.708	ug/l	99
63) Ethyl Benzene	9.57	91	320091	10.968	ug/l	99
64) m/p-Xylenes	9.70	106	253907	22.268	ug/l	100
65) o-Xylene	10.10	106	118373	10.934	ug/l	97
66) Styrene	10.11	104	208661	11.247	ug/l	99
67) Bromoform	10.29	173	30786	11.024	ug/l	97
69) Isopropylbenzene	10.48	105	315652	10.916	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	75774	10.325	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	62193m	11.249	ug/l	
72) Bromobenzene	10.78	156	68982	10.504	ug/l	98
73) n-propylbenzene	10.91	120	88634	10.902	ug/l	98
74) 2-Chlorotoluene	10.99	126	72538	10.562	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	281845	11.275	ug/l	99
76) 4-Chlorotoluene	11.10	126	77619	10.911	ug/l	99
77) tert-Butylbenzene	11.42	119	259752	10.832	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	286315	11.168	ug/l	99
79) sec-Butylbenzene	11.64	105	379989	11.133	ug/l	99
80) Nitrobenzene	13.20	77	6541	52.669	ug/l	99
81) p-Isopropyltoluene	11.79	119	308577	11.218	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	147883	10.463	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	149556	10.520	ug/l	99
84) n-Butylbenzene	12.20	91	326306	11.168	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	141285	10.371	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13008	10.522	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	88428	10.378	ug/l	99
88) Hexachlorobutadiene	14.01	225	40915	10.574	ug/l	99
89) Naphthalene	14.08	128	194124	10.648	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	83295	10.356	ug/l	100

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

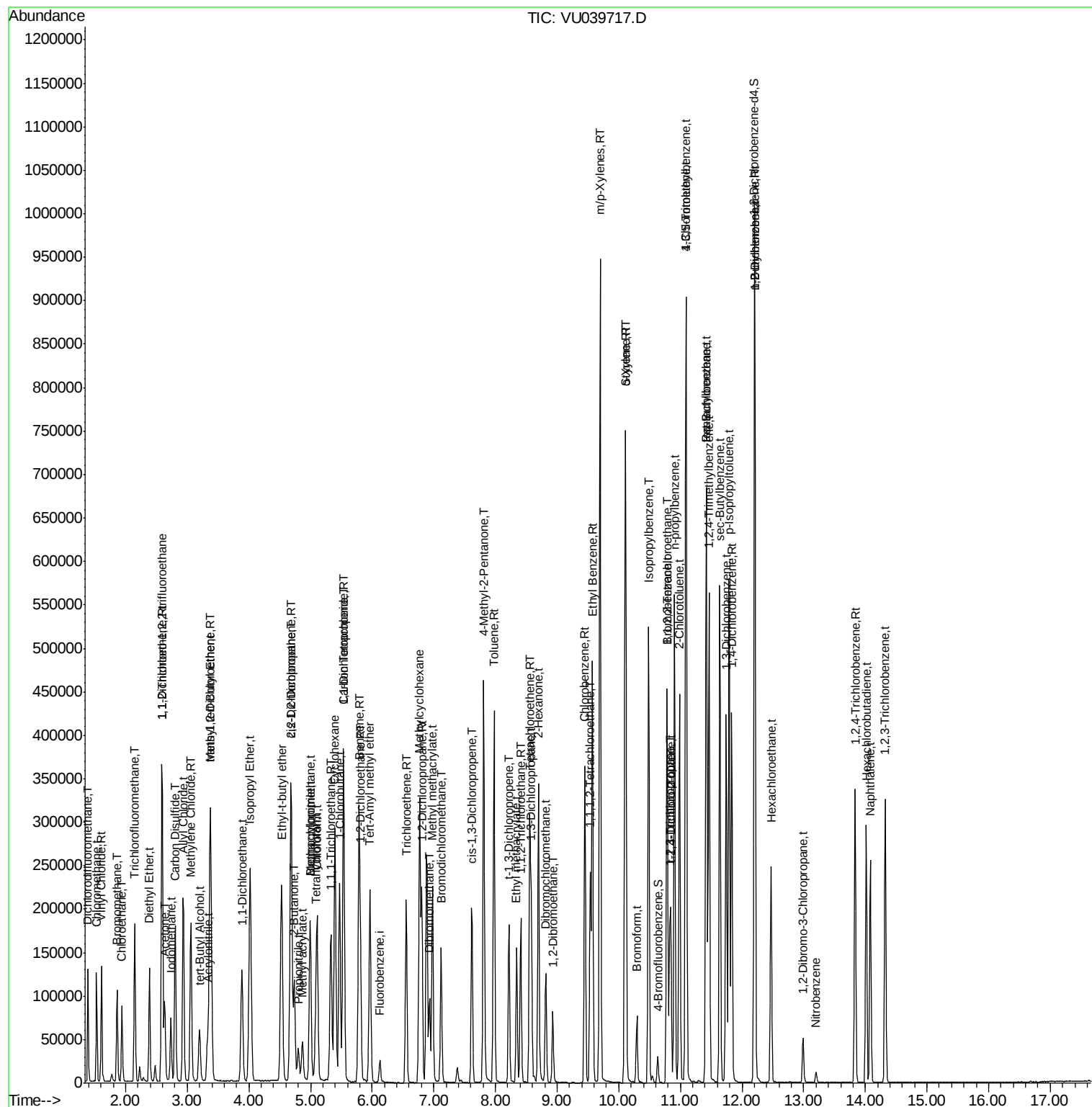
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU073020\
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Operator : SY/MD
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ALS Vial : 2 Sample Multiplier: 1

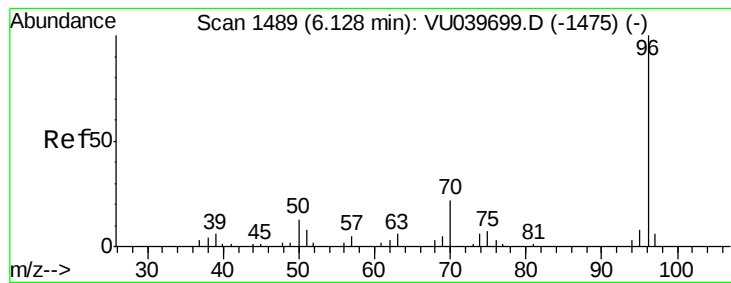
Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC010

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Quant Time: Jul 31 06:29:56 2020
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

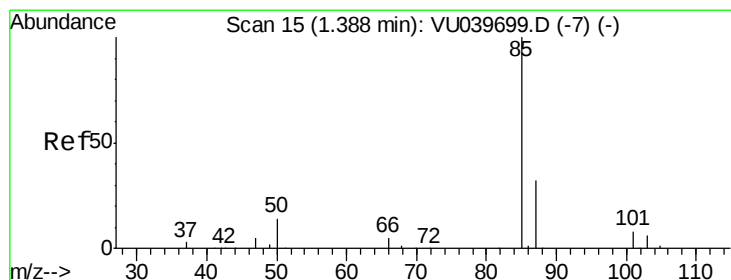
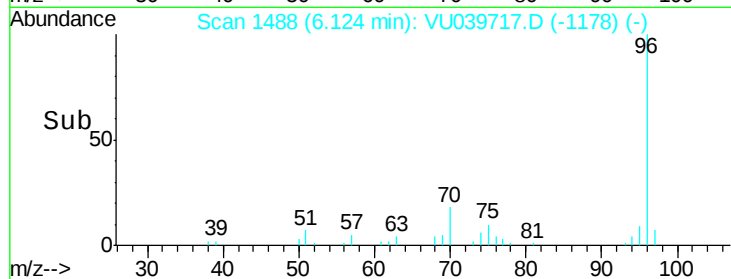
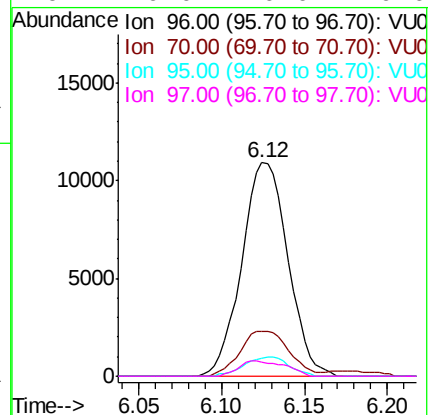
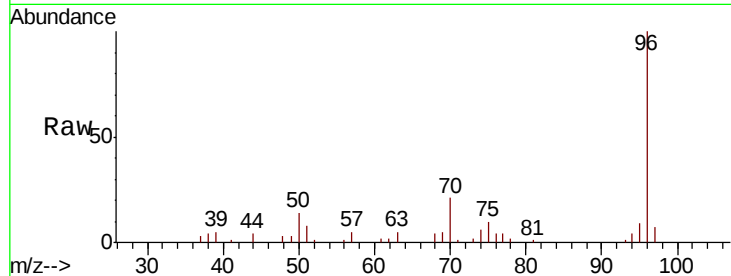
VSTDCCC010

Tot Ion: 96 Resp: 21145

Ion	Ratio	Lower	Upper
96	100		
70	20.6	16.3	24.5
95	8.8	6.8	10.2
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 9.915 ug/l

RT: 1.39 min Scan# 15

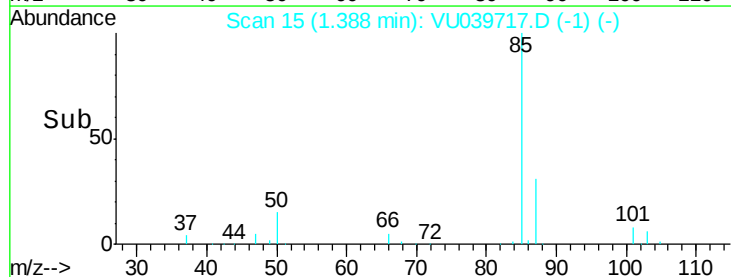
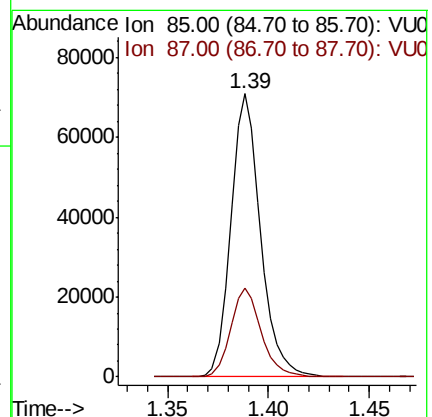
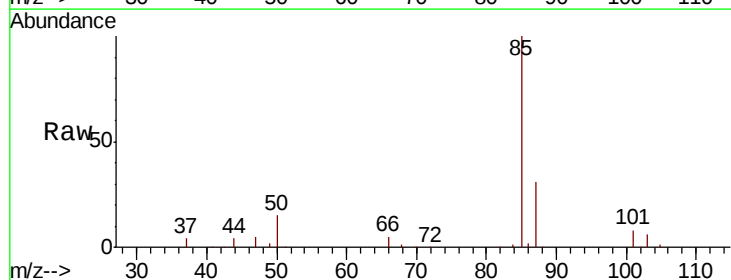
Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Tgt Ion: 85 Resp: 72852

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.2	48.6





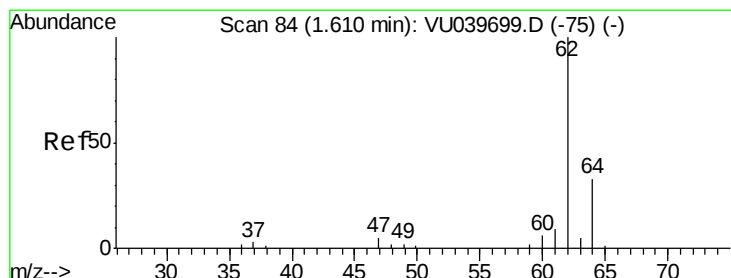
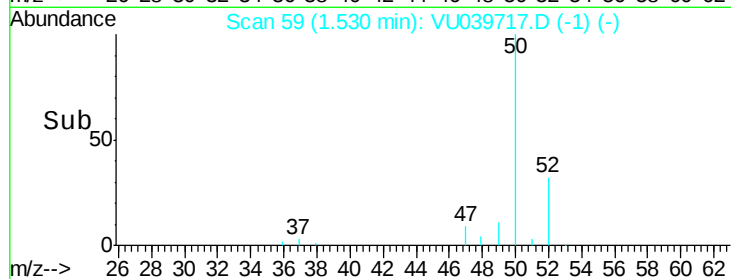
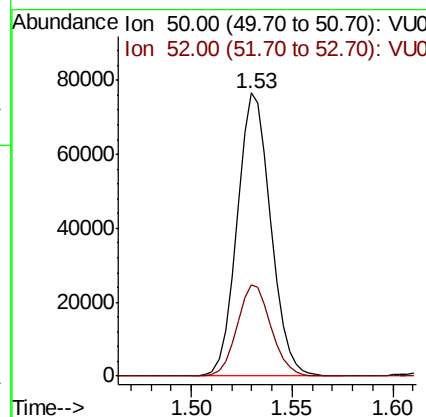
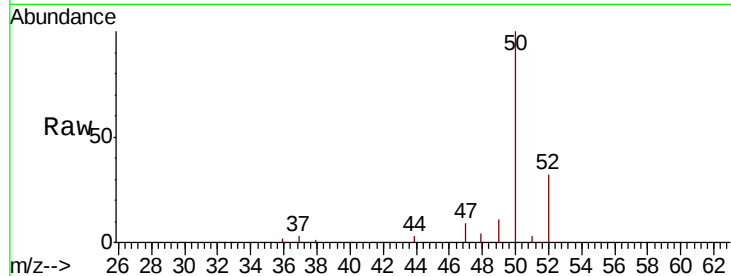
#3
Chloromethane
Concen: 9.782 ug/l
RT: 1.53 min Scan# 59
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	50	52	Ratio	Lower	Upper
50	100				
52	32.2			26.0	39.0

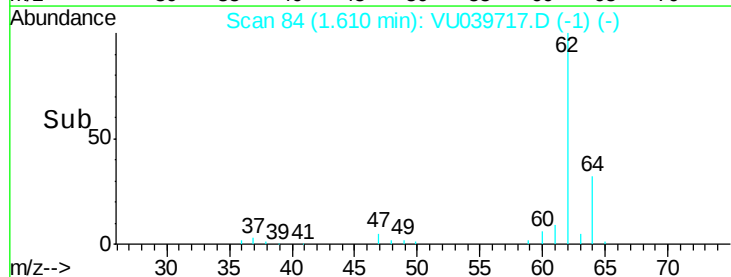
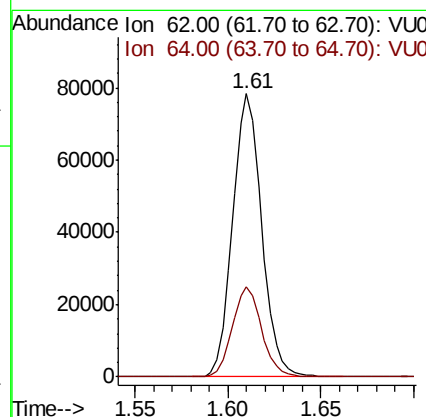
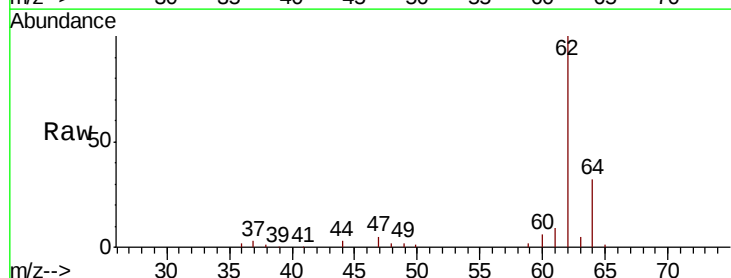
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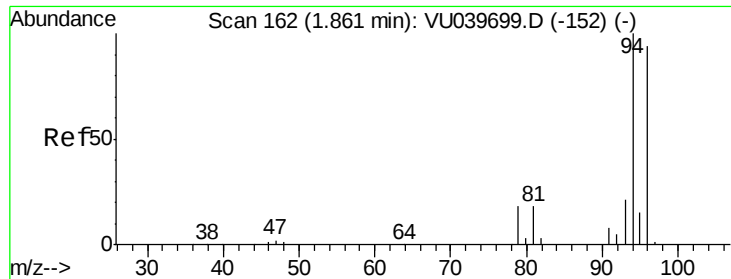
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#4
Vinyl Chloride
Concen: 10.103 ug/l
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	62	64	Ratio	Lower	Upper
62	100				
64	32.0			26.0	39.0





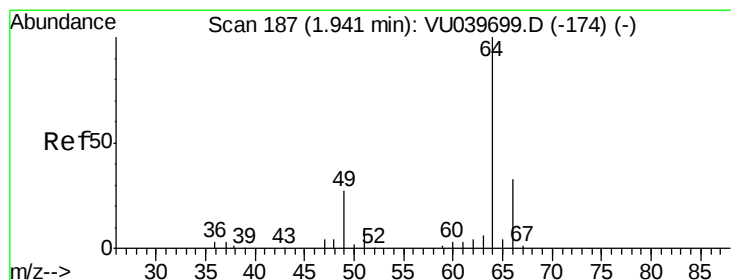
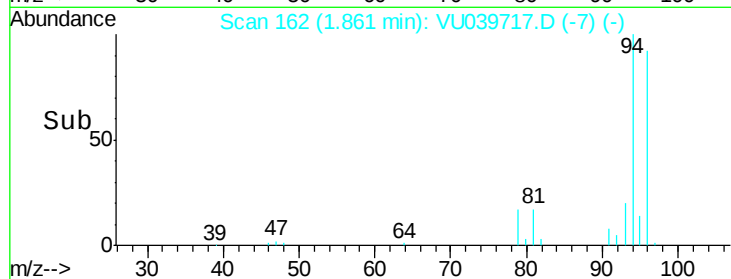
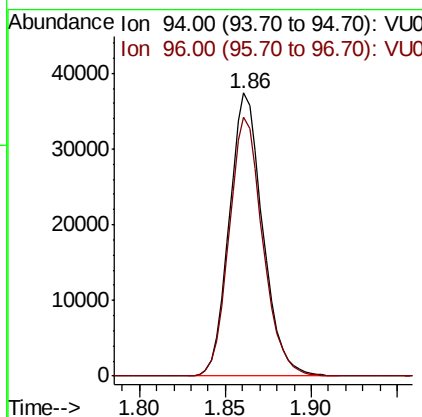
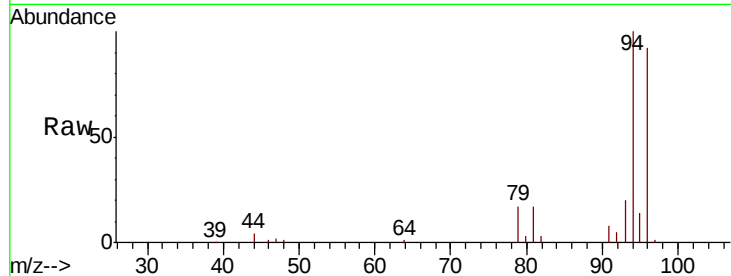
#5
Bromomethane
Concen: 8.775 ug/l
RT: 1.86 min Scan# 162
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 94 Resp: 50485
Ion Ratio Lower Upper
94 100
96 91.7 75.0 112.6

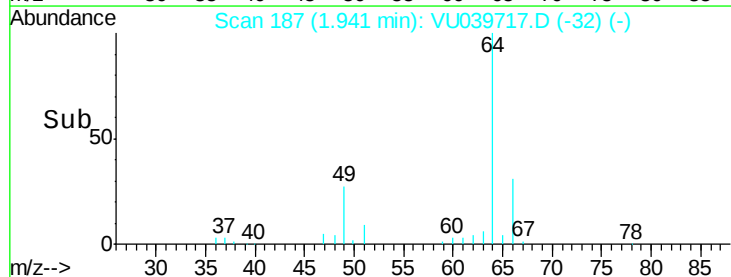
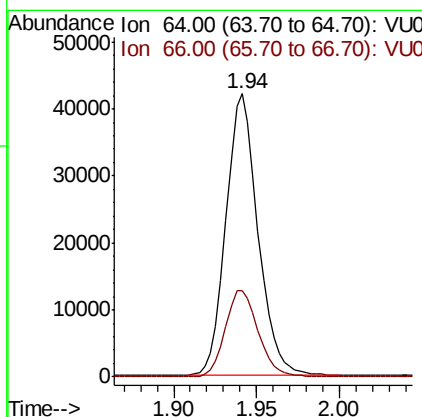
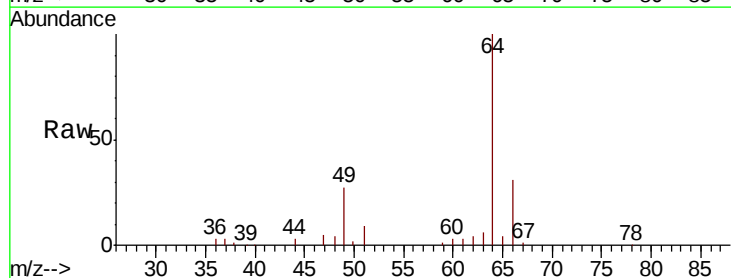
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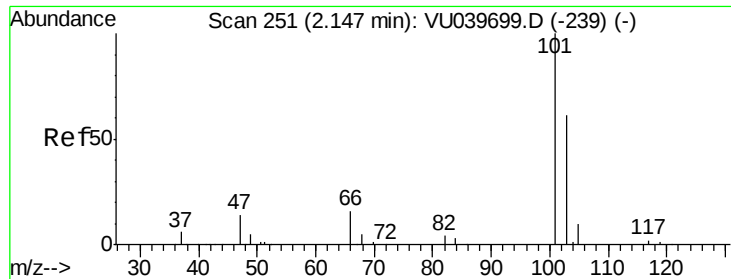
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#6
Chloroethane
Concen: 9.637 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 64 Resp: 56246
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.2





#7

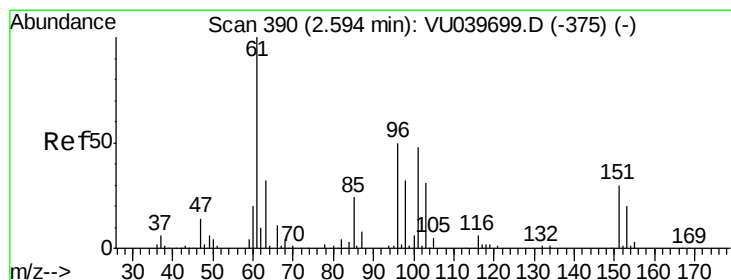
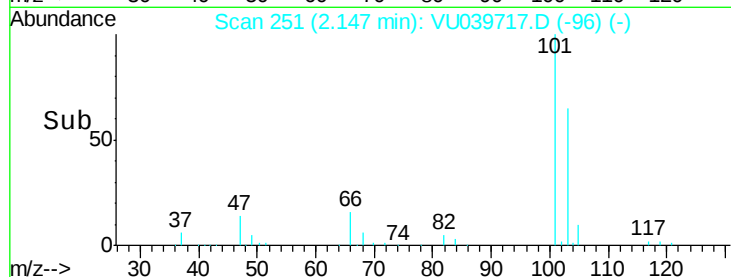
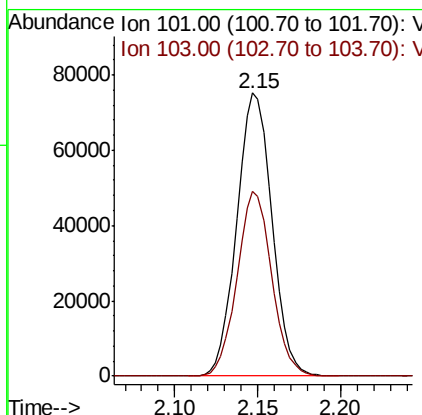
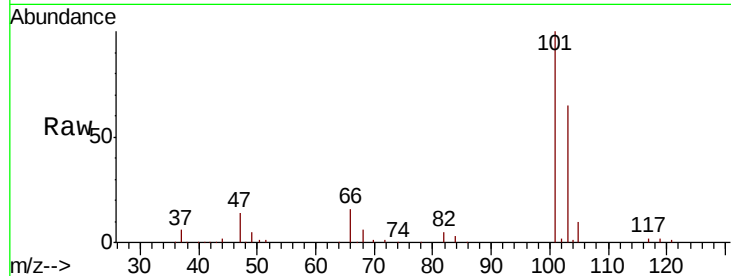
Trichlorofluoromethane
Concen: 9.974 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	48.8	73.2

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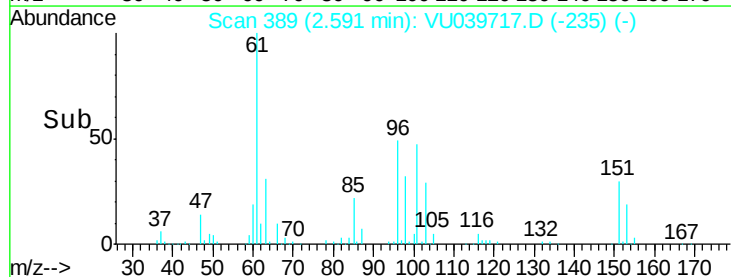
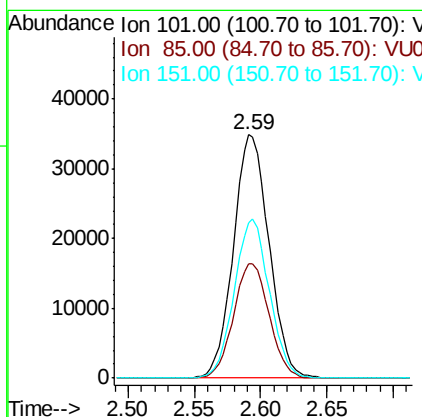
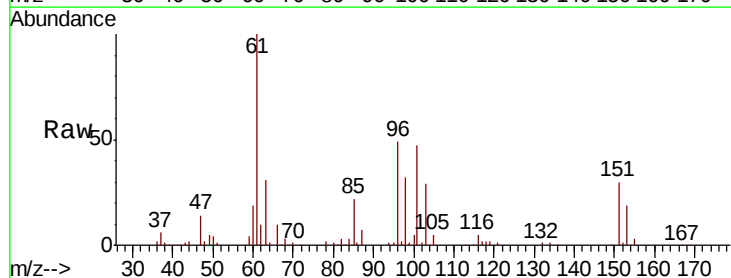
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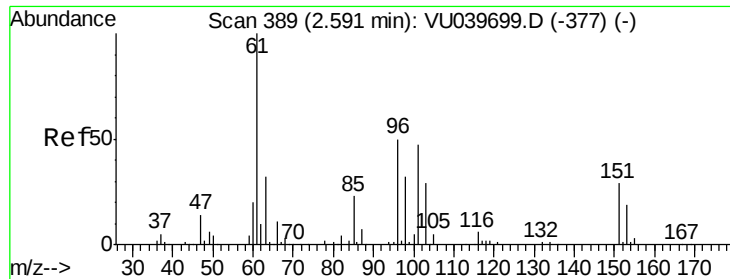


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.200 ug/l
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.8	39.9	59.9
151	64.1	51.0	76.4





#9

1,1-Dichloroethene

Concen: 10.022 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

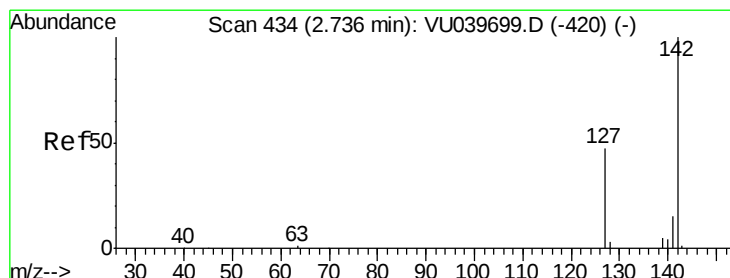
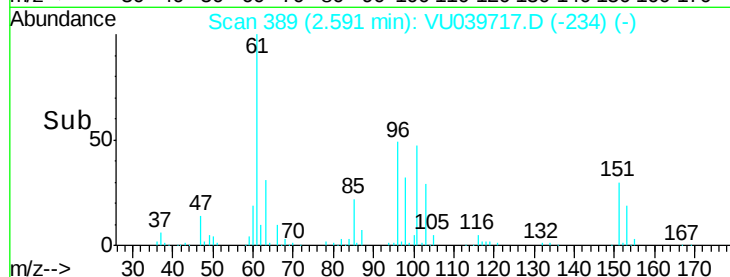
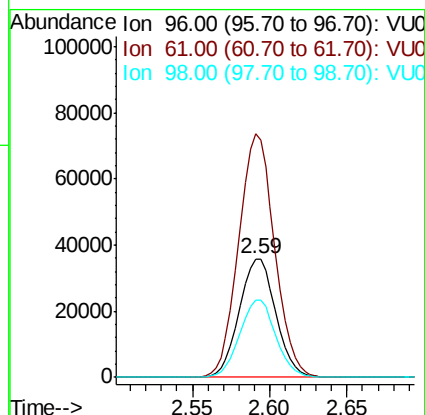
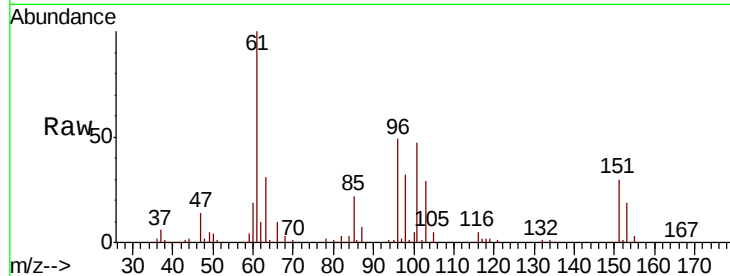
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	58880
Ion	Ratio	Lower	Upper
96	100		
61	205.1	0.0	604.5
98	65.1	0.0	127.2

Manual Integrations
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#10

Iodomethane

Concen: 12.227 ug/l

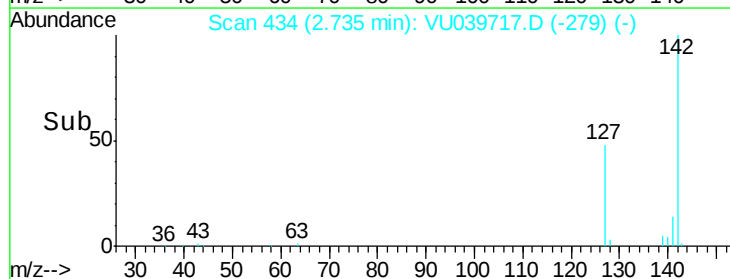
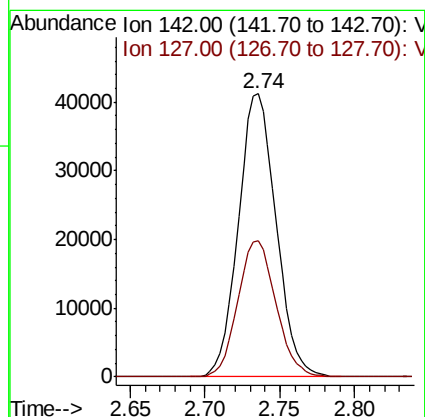
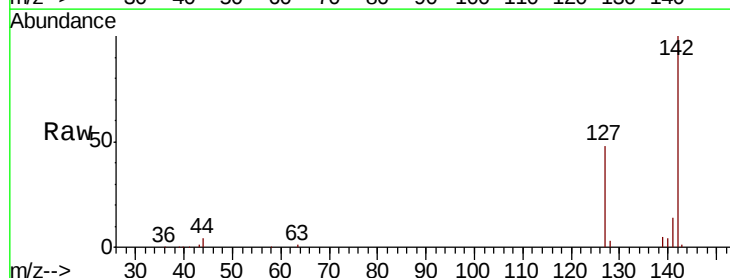
RT: 2.74 min Scan# 434

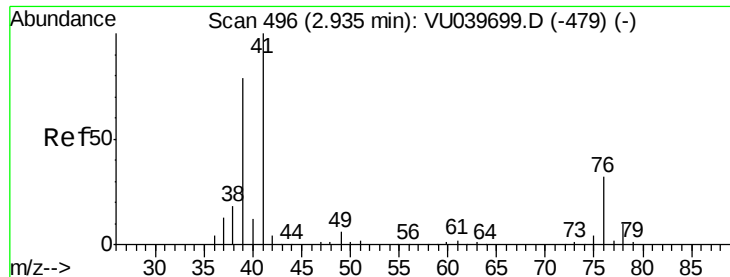
Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Tgt Ion:	142	Resp:	72456
Ion	Ratio	Lower	Upper
142	100		
127	48.6	38.4	57.6





#11

Allvl Chloride

Concen: 9.920 ug/l

RT: 2.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 41 Resp: 125725

Ion Ratio Lower Upper

41 100

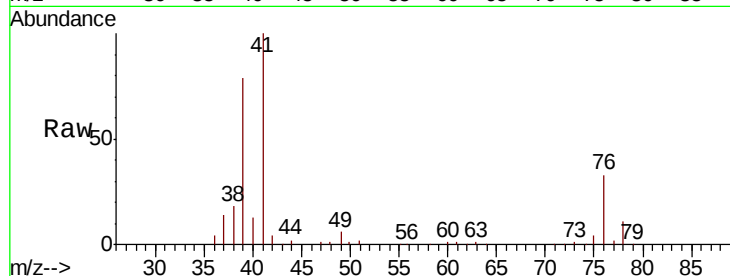
39 80.7 64.2 96.2

Manual Integrations

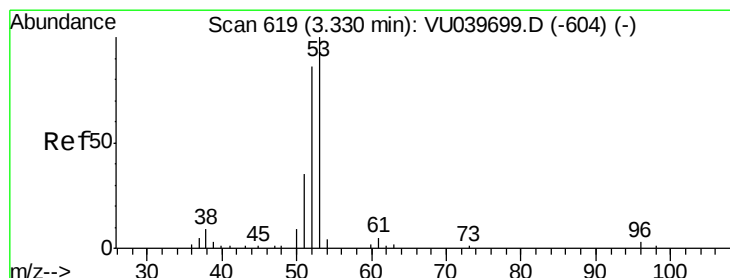
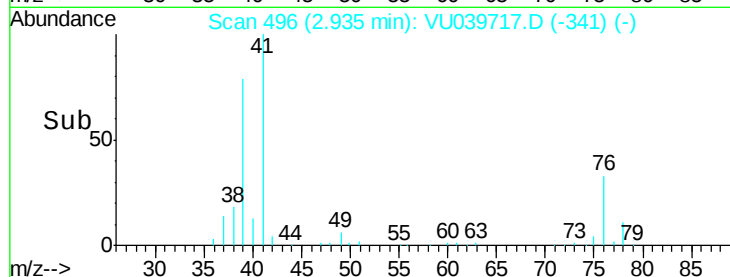
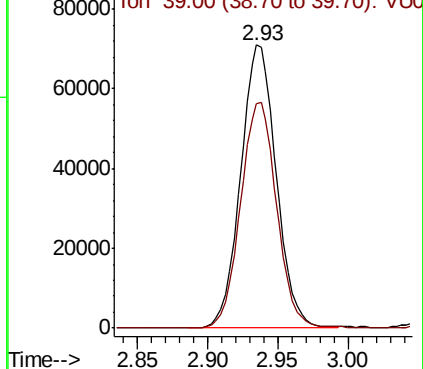
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Abundance Ion 41.00 (40.70 to 41.70): VU039717.D (-341) (-)



#12

Acrylonitrile

Concen: 20.854 ug/l

RT: 3.33 min Scan# 619

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

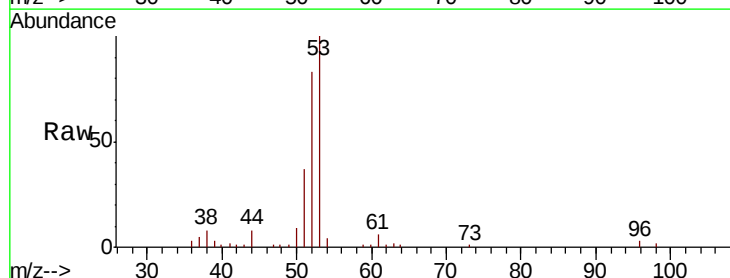
Tgt Ion: 53 Resp: 43005

Ion Ratio Lower Upper

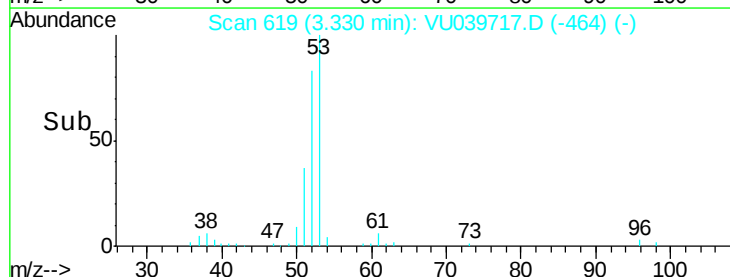
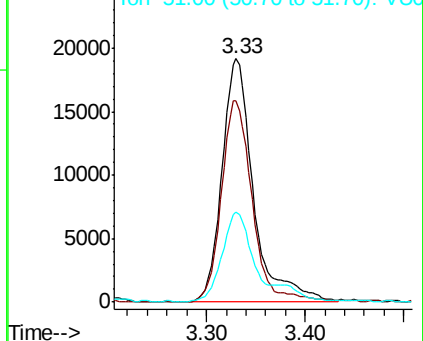
53 100

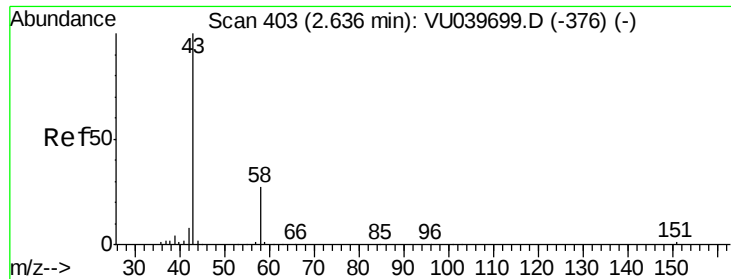
52 81.0 69.1 103.7

51 35.2 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU039717.D (-464) (-)





#13

Acetone

Concen: 53.527 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Tot Ion: 43 Resp: 103861

Ion Ratio Lower Upper

43 100

58 27.7 21.8 32.6

Instrument :

MSVOA_U

ClientSampleId :

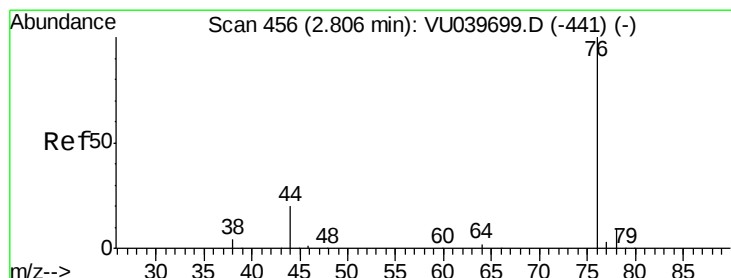
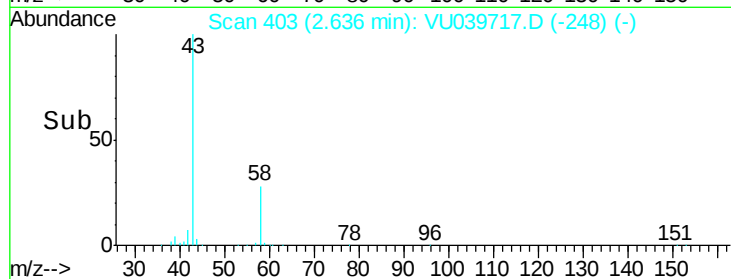
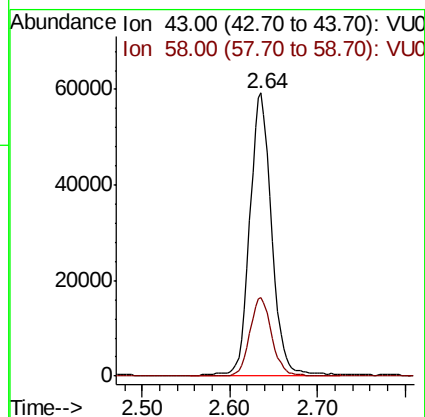
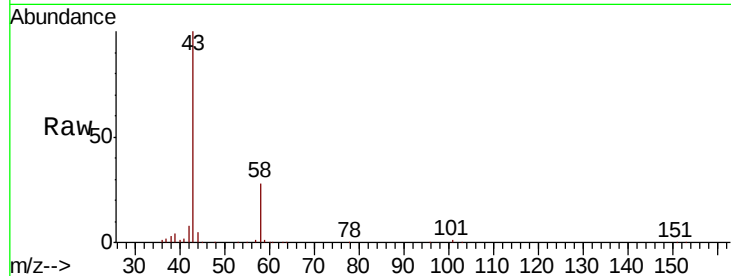
VSTDCCC010

Manual Integrations

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#14

Carbon Disulfide

Concen: 10.020 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039717.D

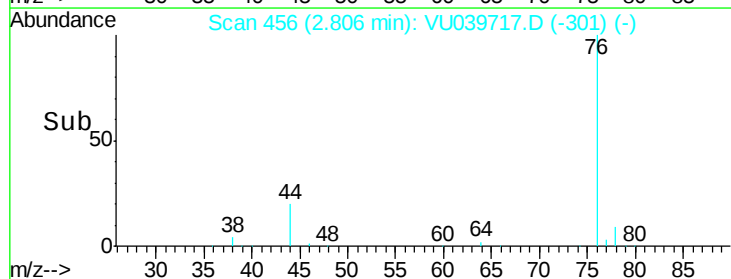
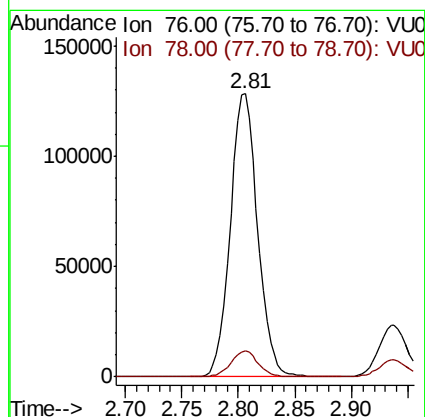
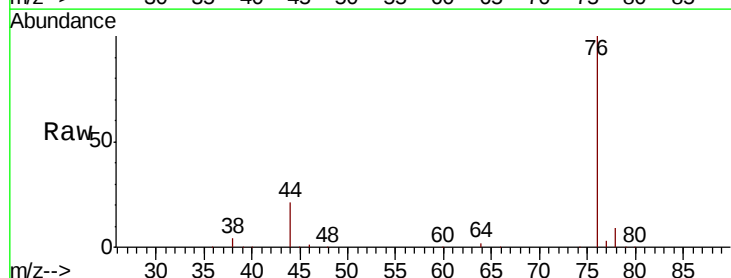
Acq: 30 Jul 2020 11:37

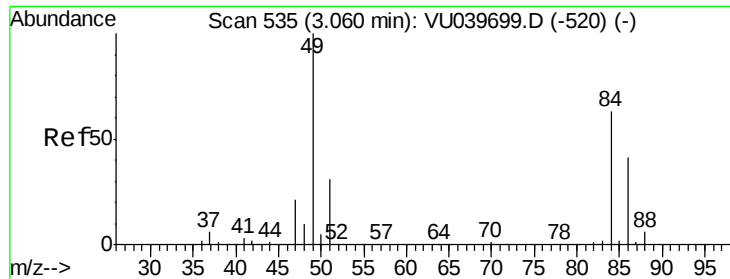
Tgt Ion: 76 Resp: 215890

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6





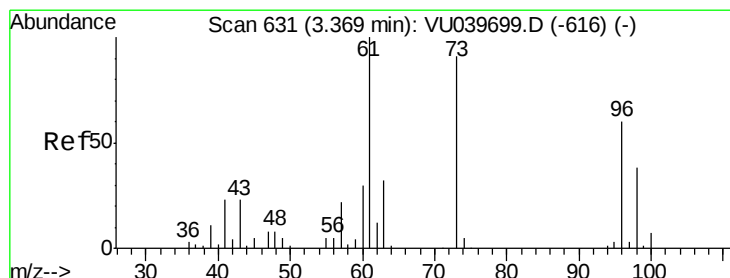
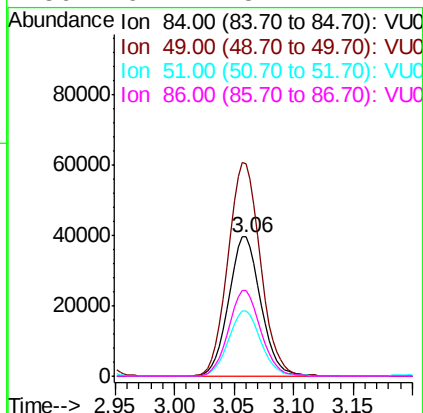
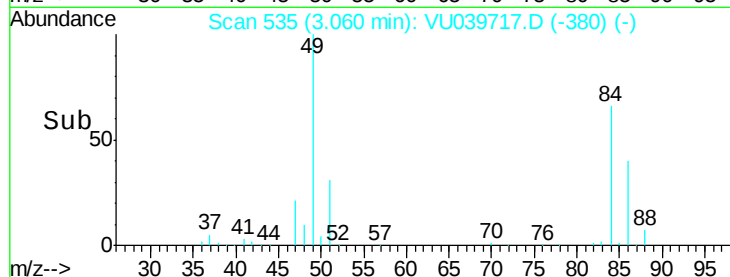
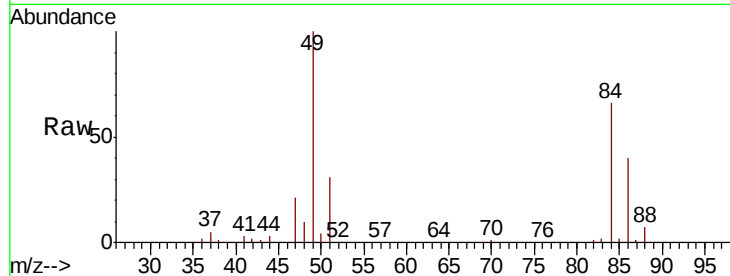
#15
Methvlene Chloride
Concen: 9.056 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:	84	Resp:	74168
Ion	Ratio	Lower	Upper
84	100		
49	152.4	126.8	190.2
51	46.9	0.0	97.2
86	61.4	51.4	77.2

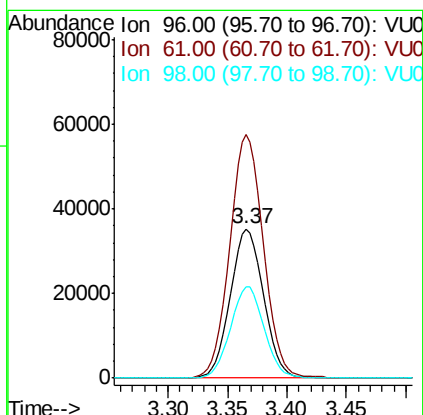
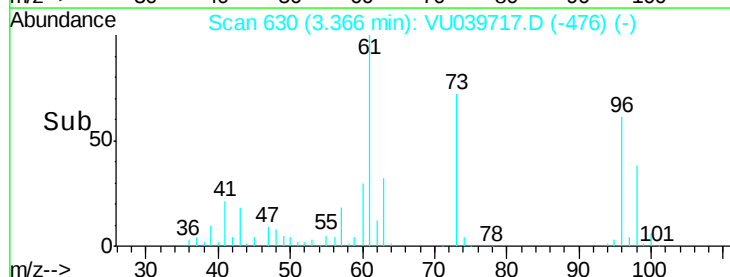
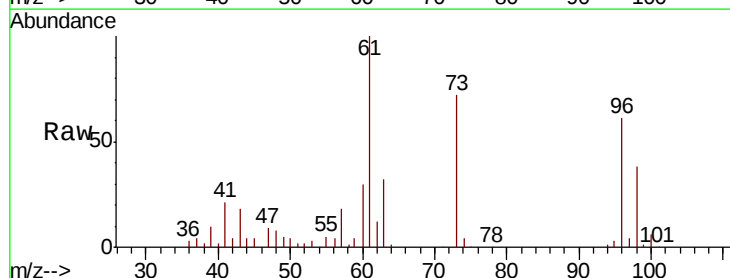
Manual Integrations
APPROVED

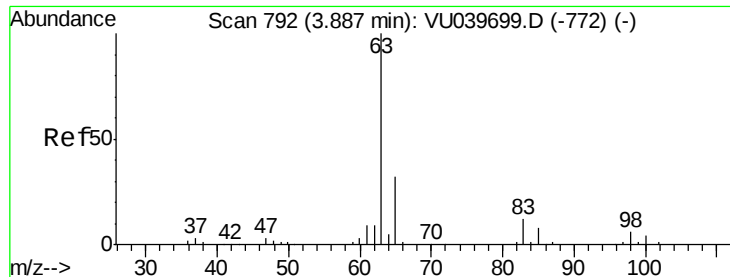
sam
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#16
trans-1,2-Dichloroethene
Concen: 10.239 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion:	96	Resp:	68394
Ion	Ratio	Lower	Upper
96	100		
61	162.7	132.6	199.0
98	61.3	50.2	75.2





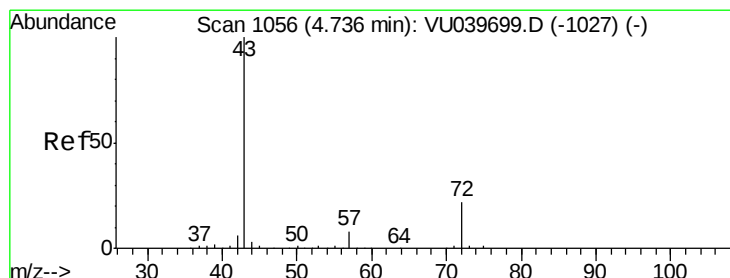
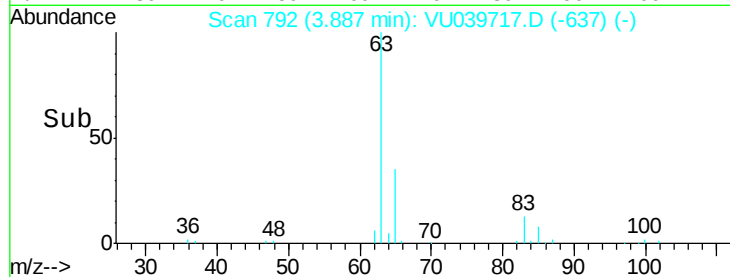
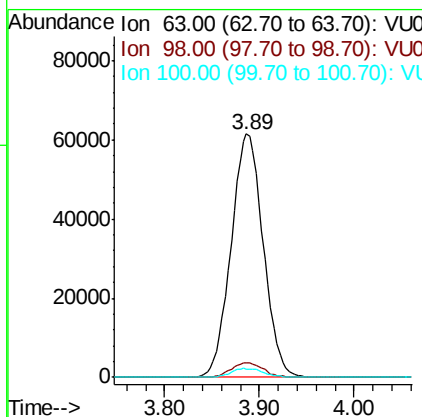
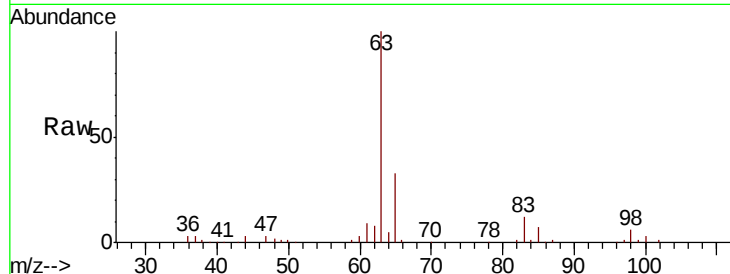
#17
 1,1-Dichloroethane
 Concen: 9.893 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	63	Resp:	145112
Ion Ratio	Lower	Upper	
63	100		
98	6.1	2.9	8.7
100	3.5	2.0	6.0

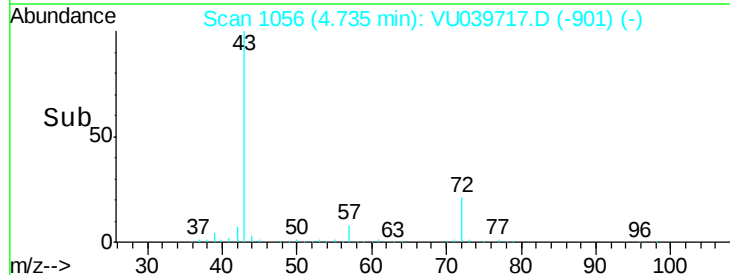
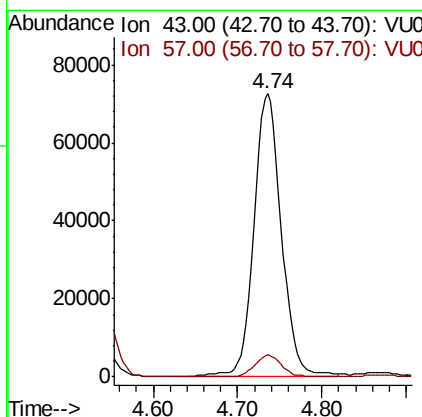
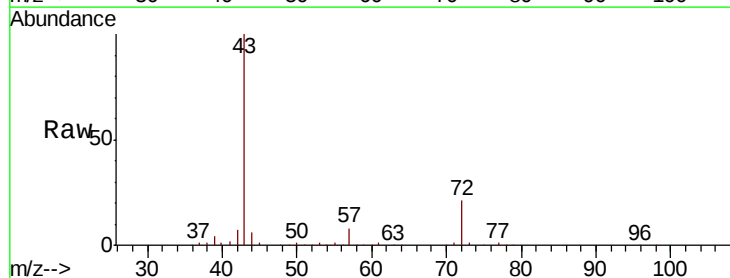
Manual Integrations
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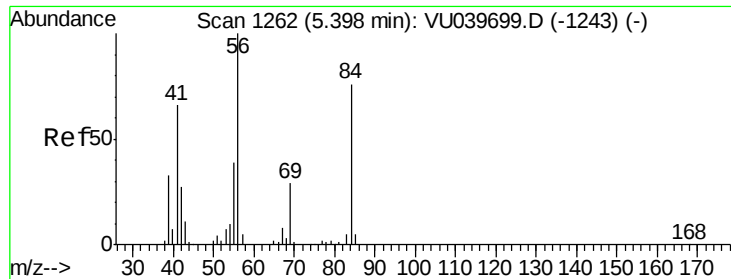
sam
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#18
 2-Butanone
 Concen: 49.558 ug/l
 RT: 4.74 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion:	43	Resp:	161703
Ion Ratio	Lower	Upper	
43	100		
57	7.8	0.0	15.2





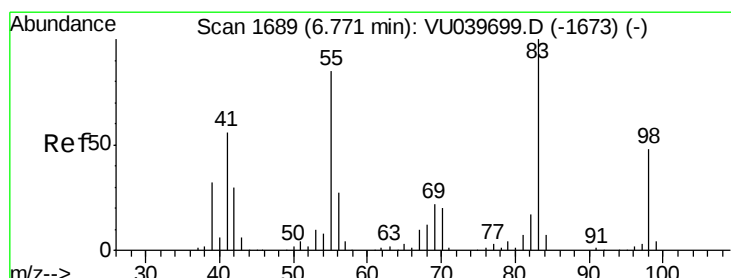
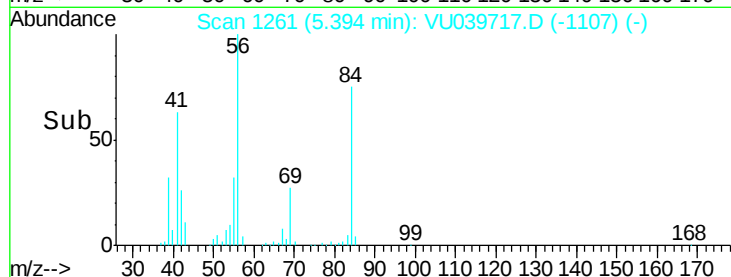
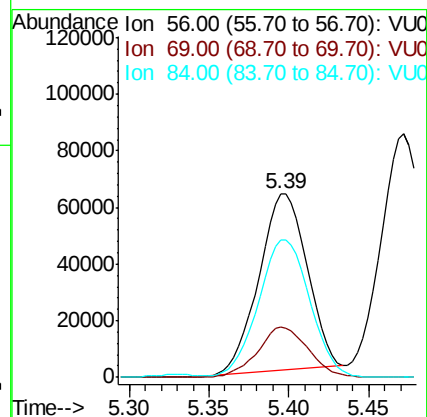
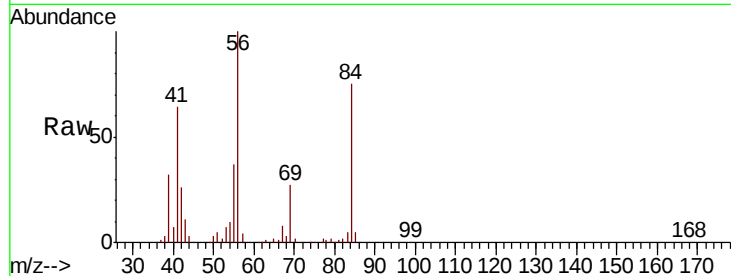
#19
Cyclohexane
Concen: 9.144 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	22.8	34.2
84	82.0	59.9	89.9

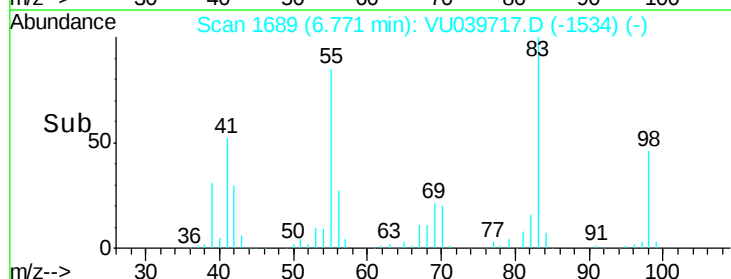
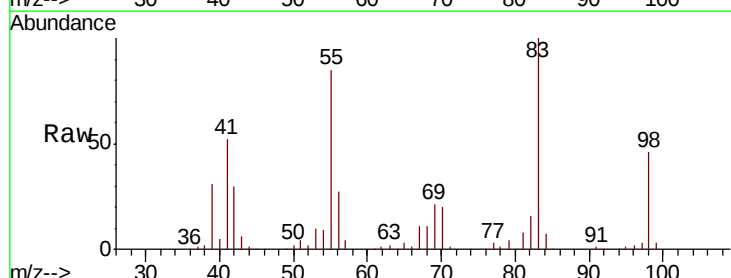
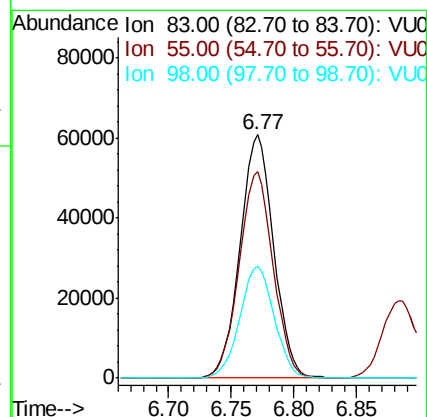
Manual Integrations
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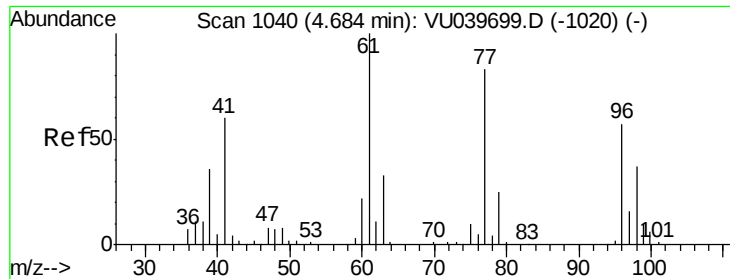
sam
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#20
Methylcyclohexane
Concen: 10.776 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.6	67.6	101.4
98	46.8	37.3	55.9





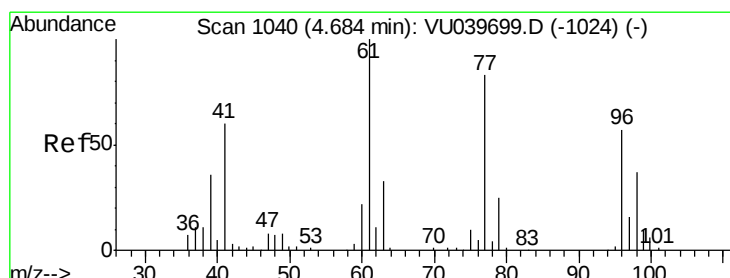
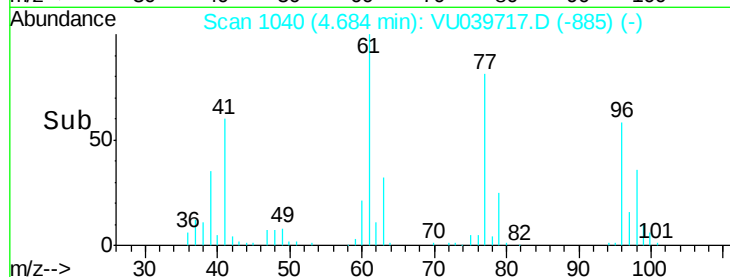
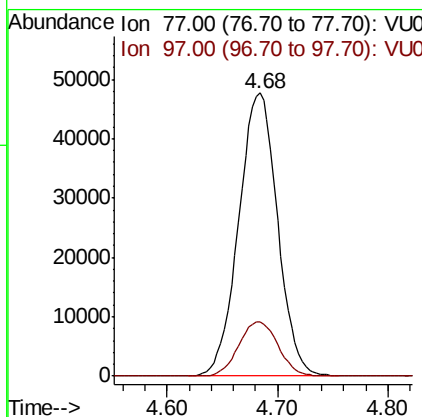
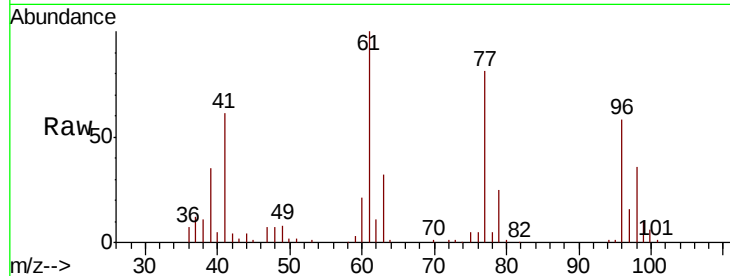
#21
 2,2-Dichloropropane
 Concen: 9.740 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC010

Tot Ion: 77 Resp: 116536
 Ion Ratio Lower Upper
 77 100
 97 19.4 15.2 22.8

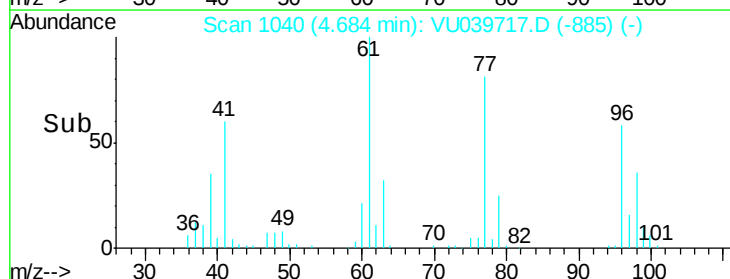
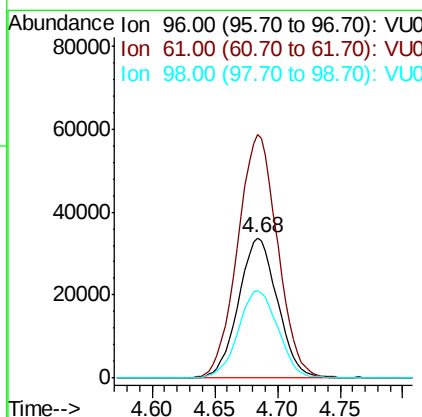
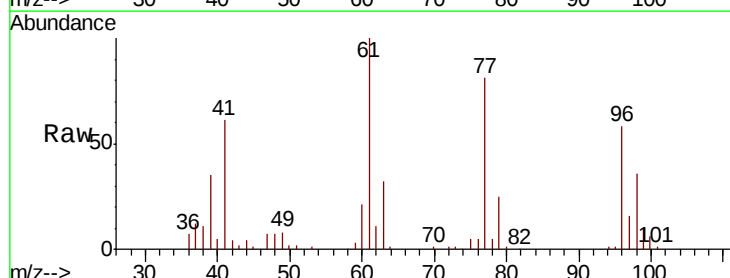
Manual Integrations
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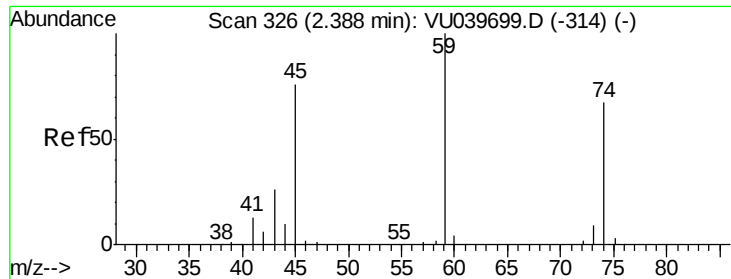
sam
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#22
 cis-1,2-Dichloroethene
 Concen: 10.138 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 96 Resp: 72993
 Ion Ratio Lower Upper
 96 100
 61 177.9 0.0 451.3
 98 63.4 32.6 98.0





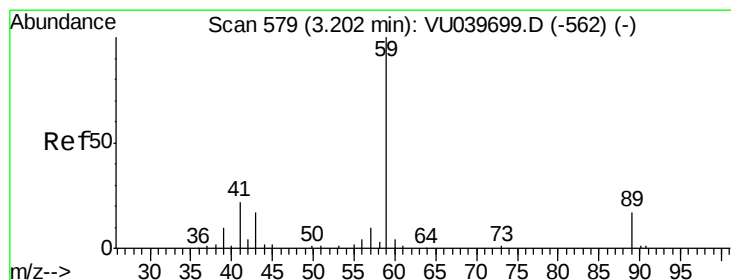
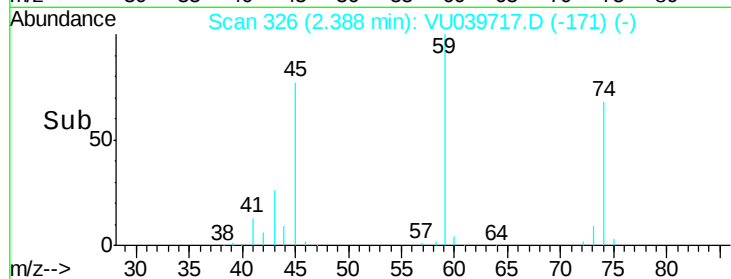
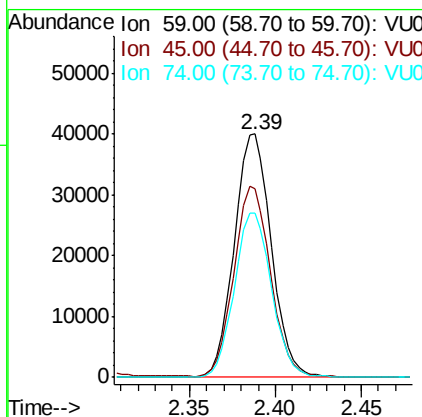
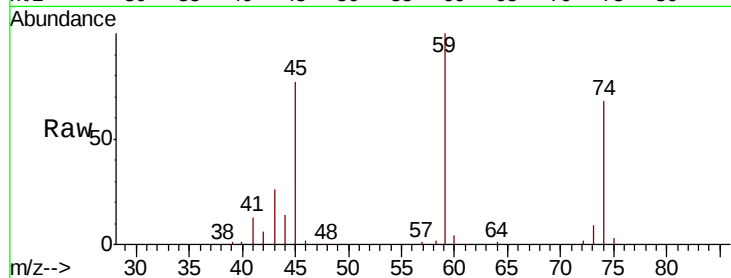
#23
Diethyl Ether
Concen: 9.955 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	76.6	61.5	92.3
74	67.9	54.3	81.5

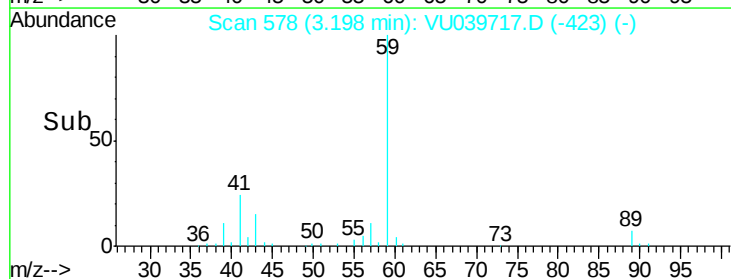
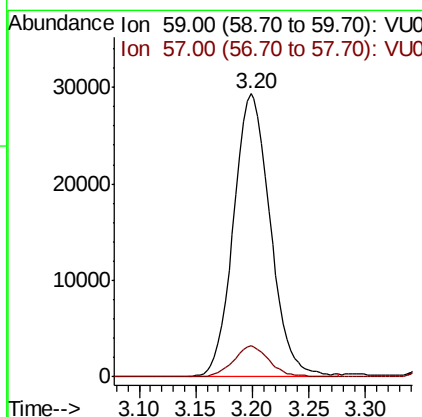
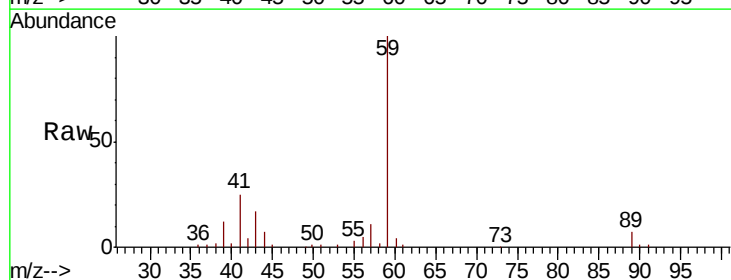
Manual Integrations
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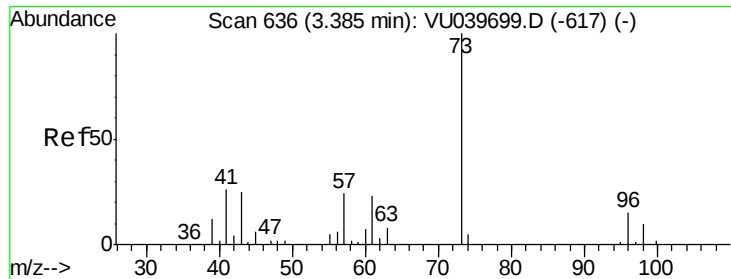
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#24
tert-Butyl Alcohol
Concen: 92.280 ug/l
RT: 3.20 min Scan# 578
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.8	11.6





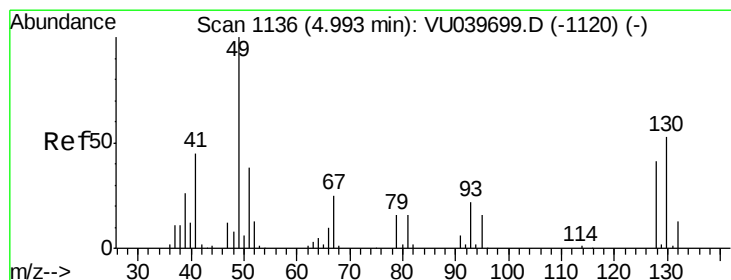
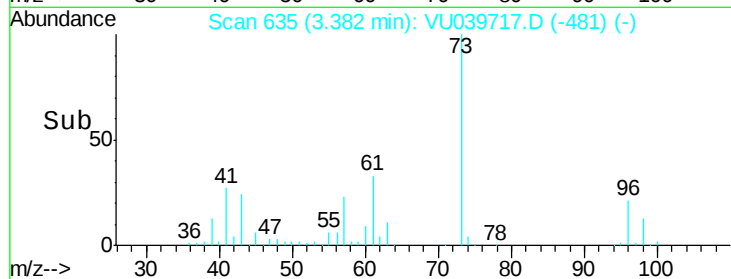
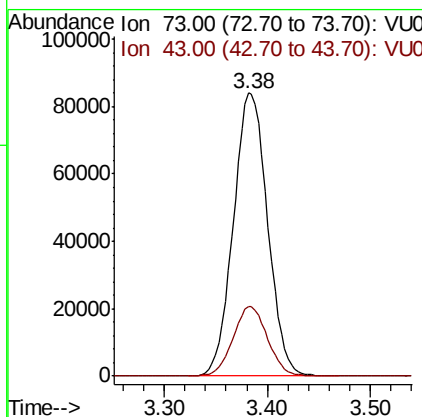
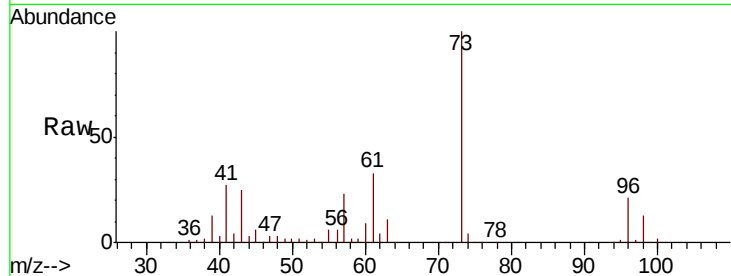
#25
Methvl tert-Butvl Ether
Concen: 10.121 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 73 Resp: 194028
Ion Ratio Lower Upper
73 100
43 25.1 20.1 30.1

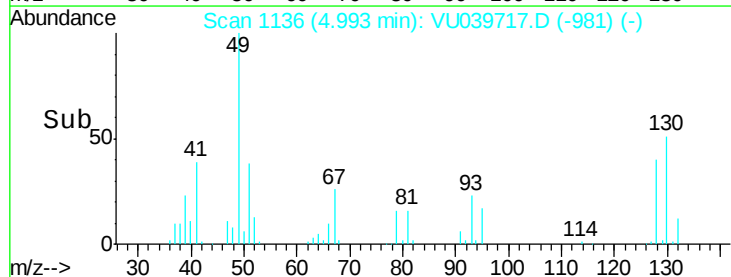
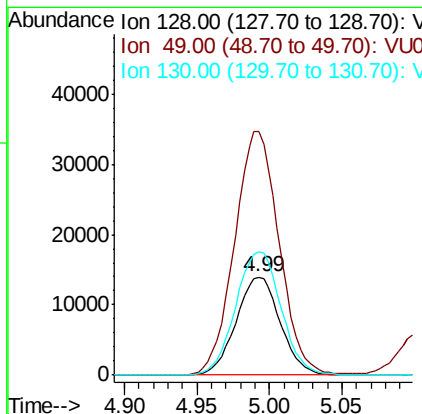
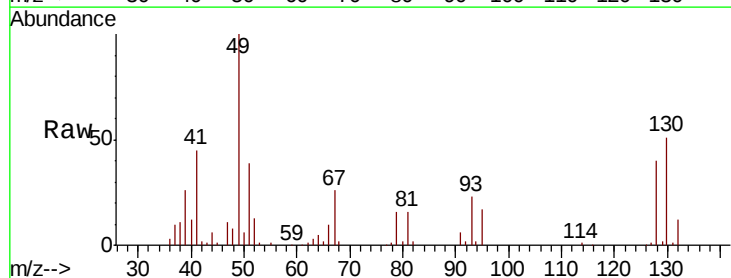
Manual Integrations
APPROVED

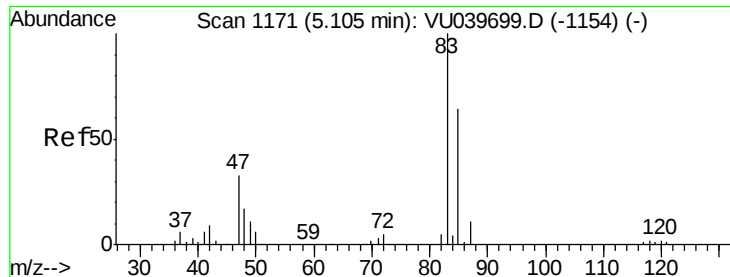
sam
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#26
Bromochloromethane
Concen: 10.048 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion:128 Resp: 29599
Ion Ratio Lower Upper
128 100
49 250.5 0.0 503.8
130 129.5 102.7 154.1





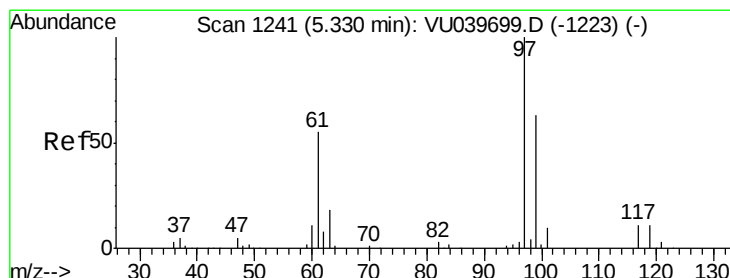
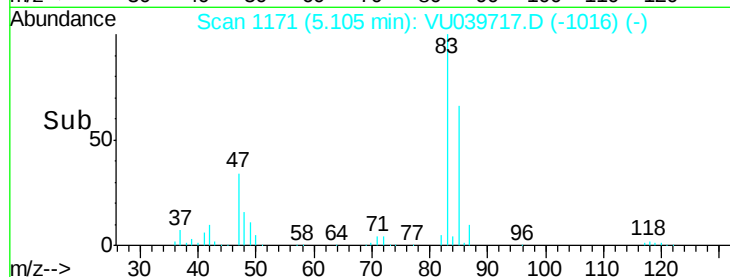
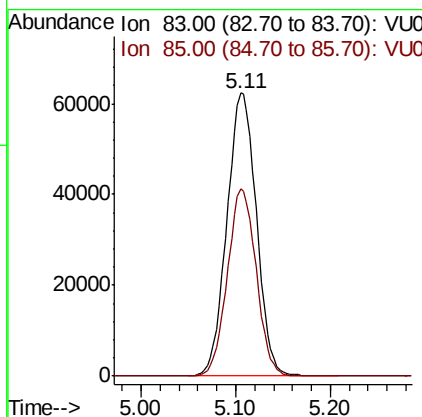
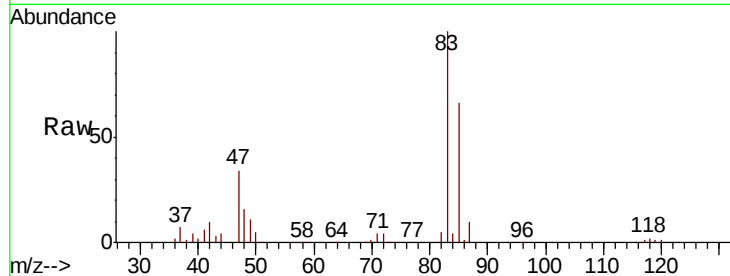
#27
Chloroform
Concen: 9.847 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	83	Resp	135177
Ion Ratio	Lower	Upper	
83	100		
85	66.0	0.0	128.8

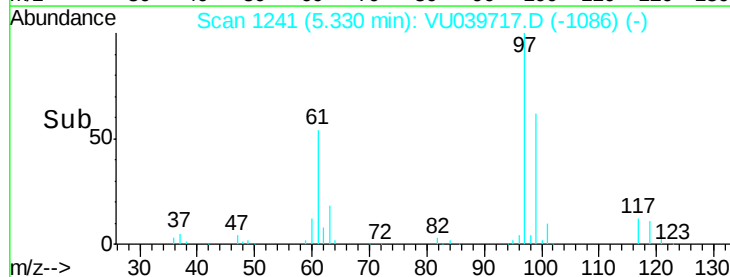
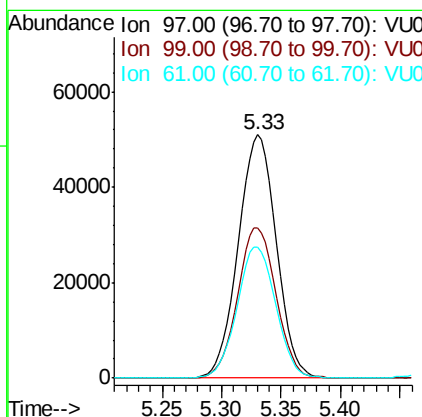
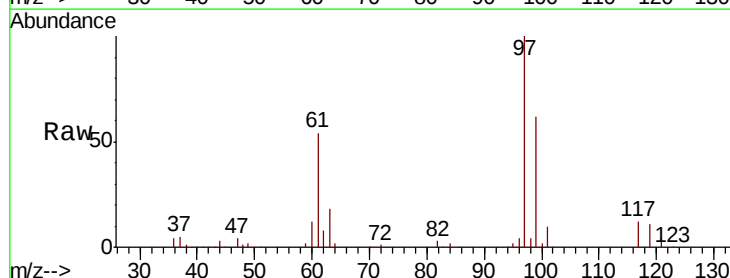
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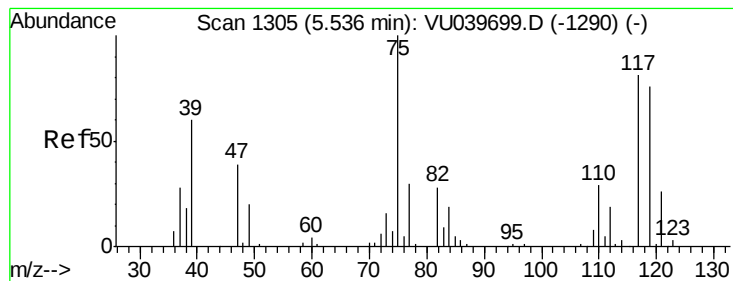
sam
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#28
1,1,1-Trichloroethane
Concen: 10.189 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	97	Resp	113174
Ion Ratio	Lower	Upper	
97	100		
99	62.4	32.2	96.6
61	54.9	28.3	85.0





#29

1,1-Dichloropropene

Concen: 10.057 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

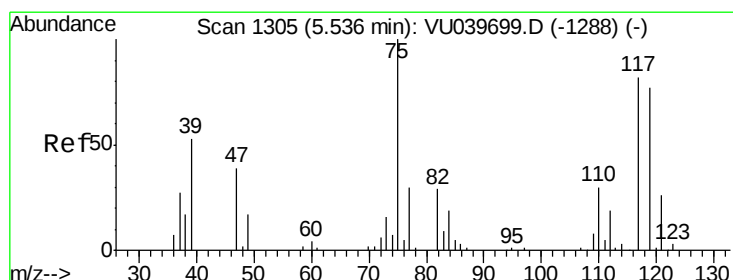
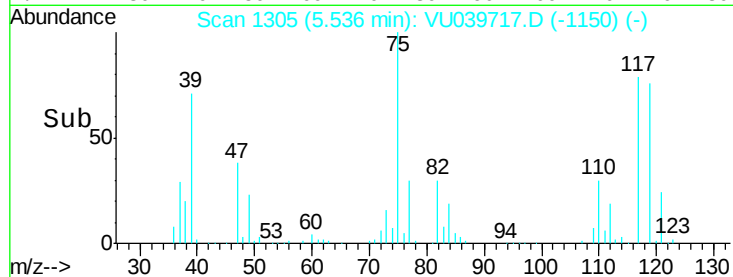
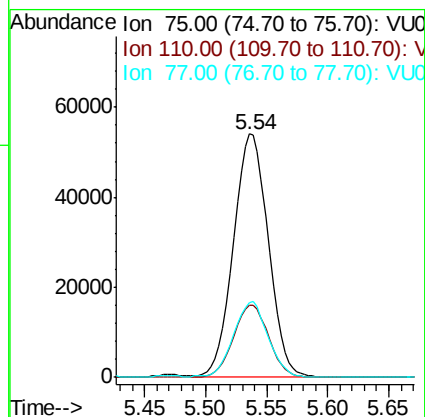
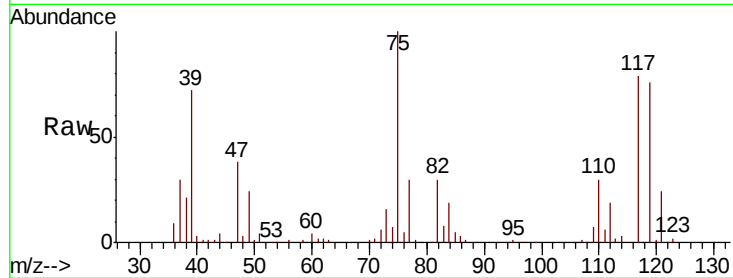
ClientSampleId :

VSTDCCC010

Tot Ion:	75	Resp:	107575
Ion Ratio	Lower	Upper	
75	100		
110	29.9	14.6	44.0
77	30.8	25.0	37.4

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 10.148 ug/l

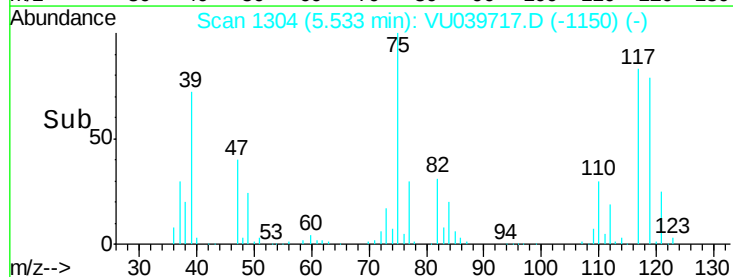
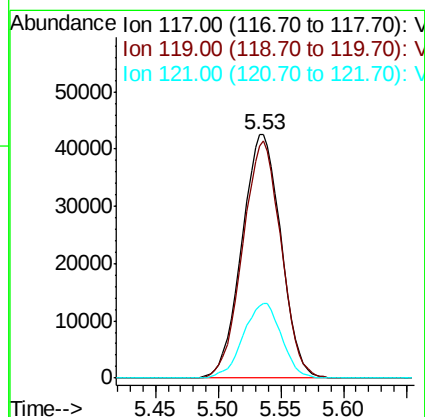
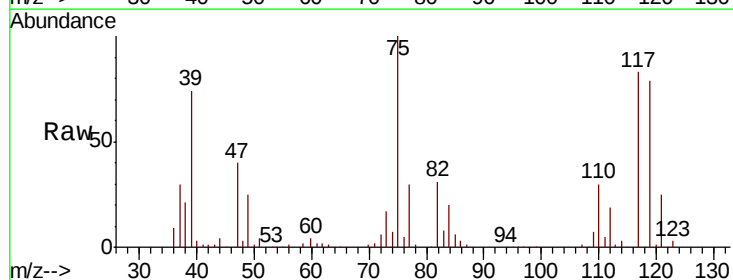
RT: 5.53 min Scan# 1304

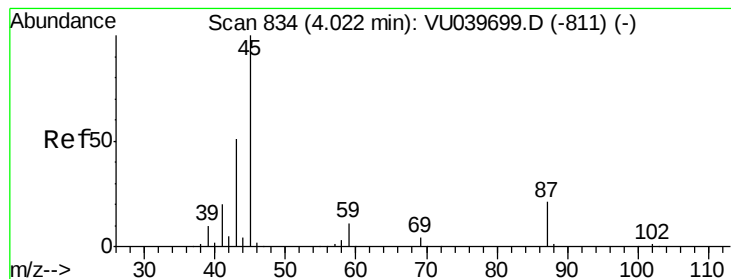
Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Tgt Ion:	117	Resp:	92164
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.2	112.8
121	29.8	25.4	38.2





#31

Isopropyl Ether

Concen: 9.933 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 265709

Ion Ratio Lower Upper

45 100

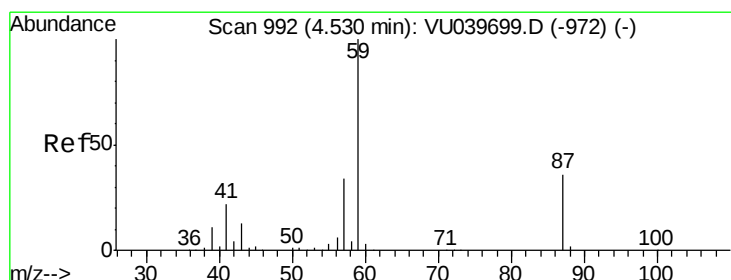
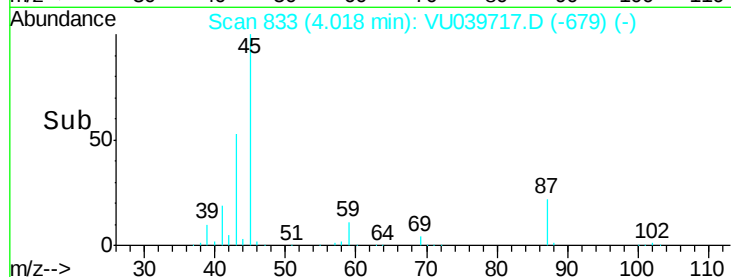
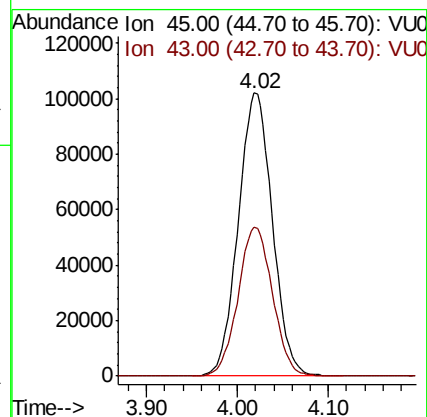
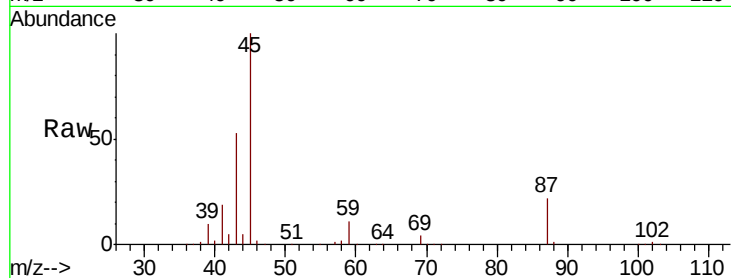
43 52.9 26.5 79.4

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 9.859 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039717.D

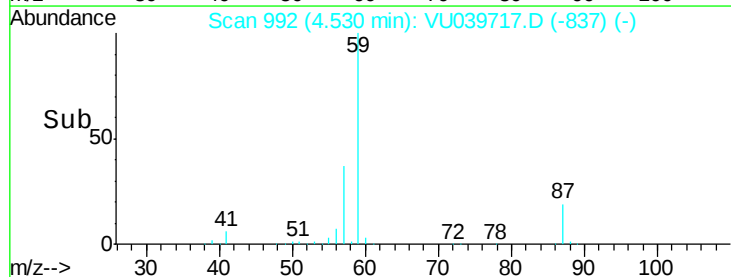
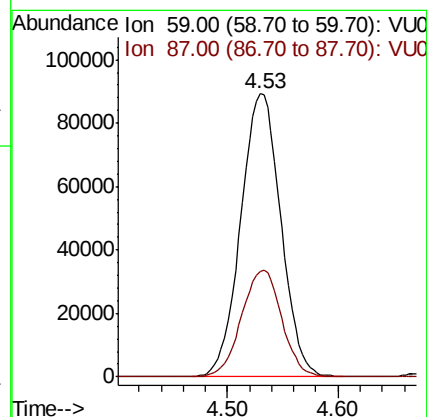
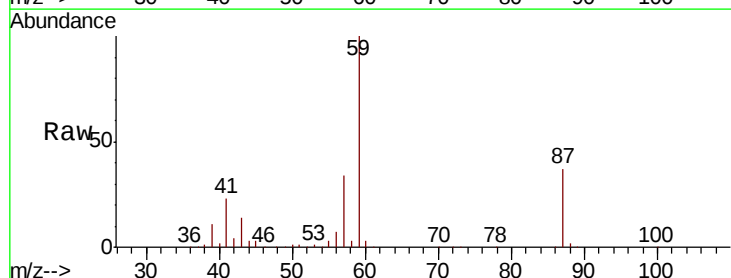
Acq: 30 Jul 2020 11:37

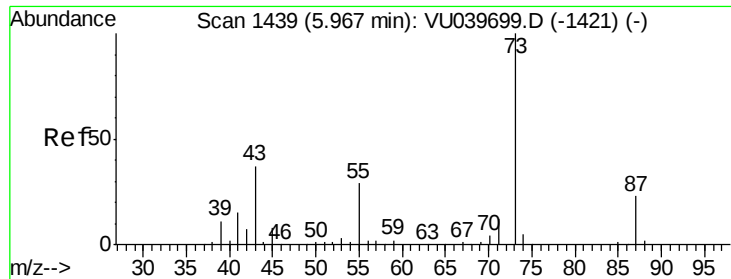
Tgt Ion: 59 Resp: 224447

Ion Ratio Lower Upper

59 100

87 37.9 29.4 44.0





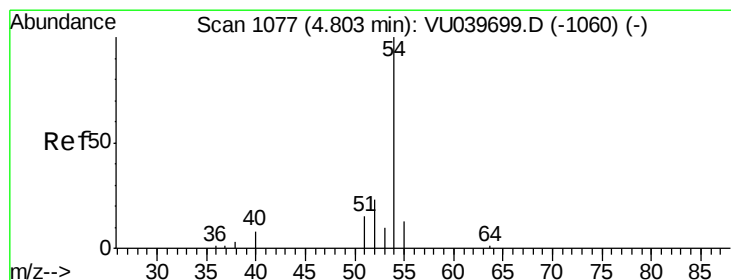
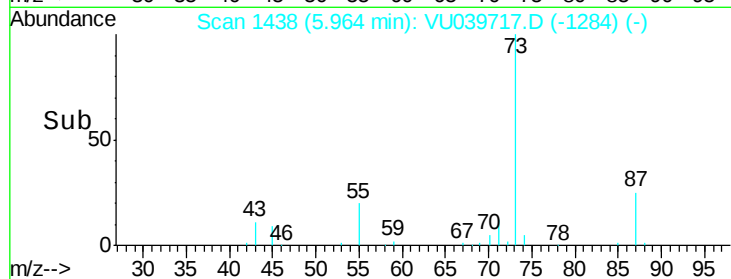
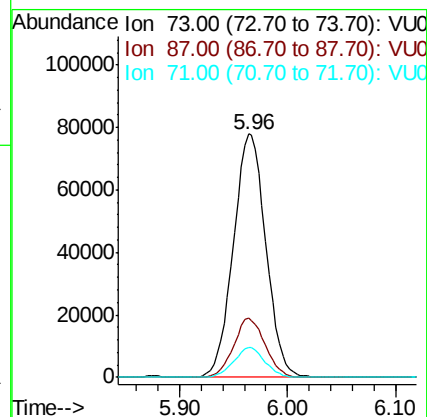
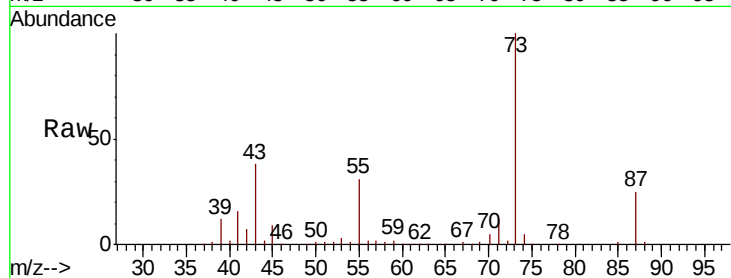
#33
Tert-Butyl methyl ether
Concen: 9.936 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.6	18.7	28.1
71	11.8	9.1	13.7

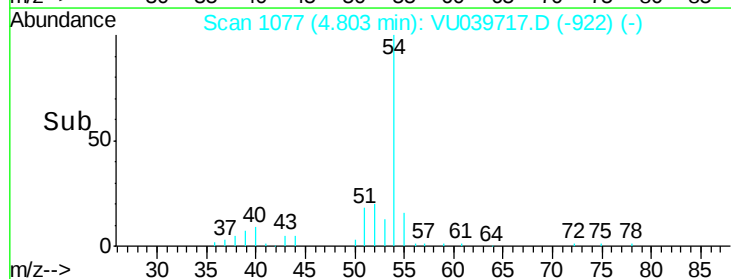
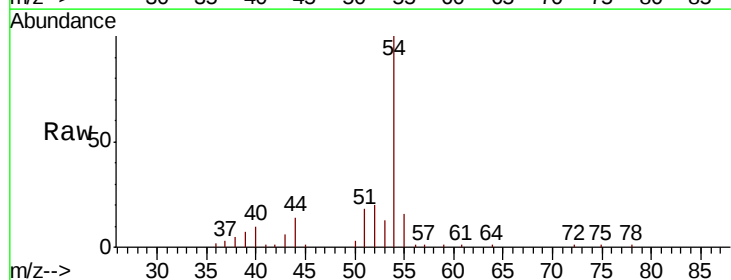
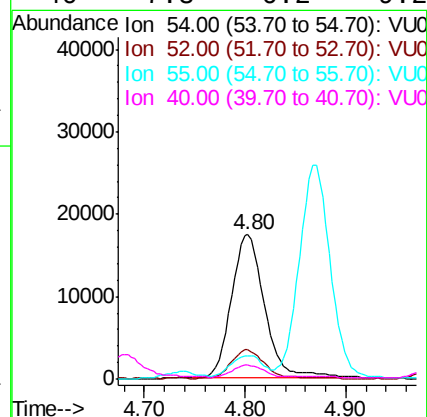
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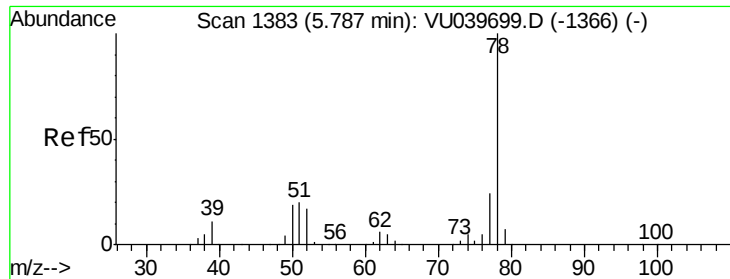
sam
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#34
Propionitrile
Concen: 49.841 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.8	16.9	25.3
55	15.9	12.9	19.3
40	7.8	6.2	9.2





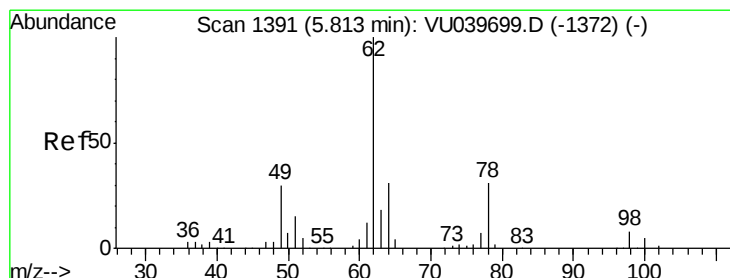
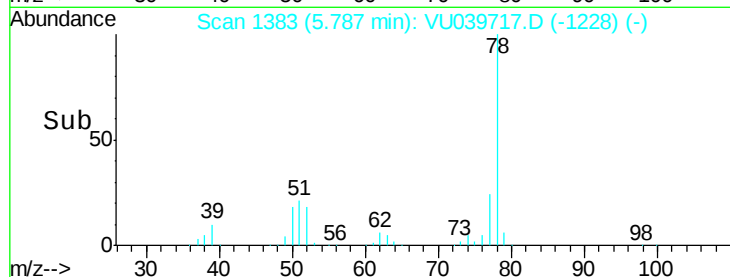
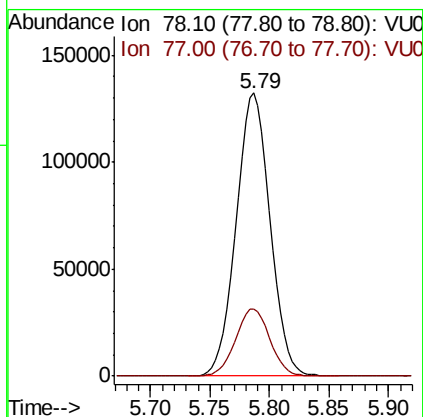
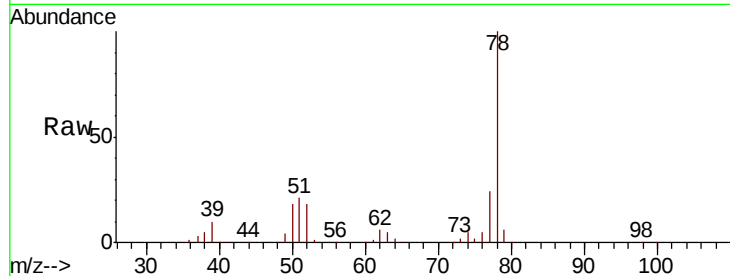
#35
Benzene
Concen: 9.879 ug/l
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 78 Resp: 261385
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

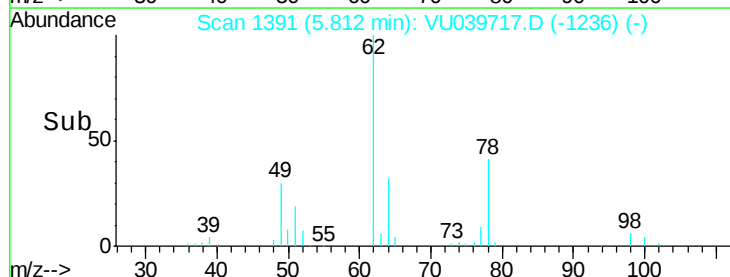
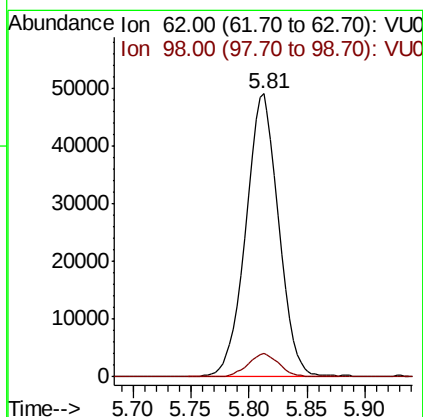
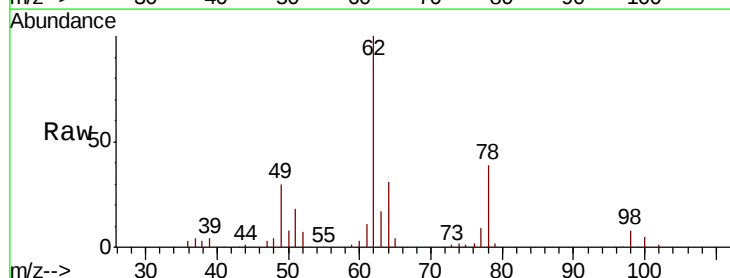
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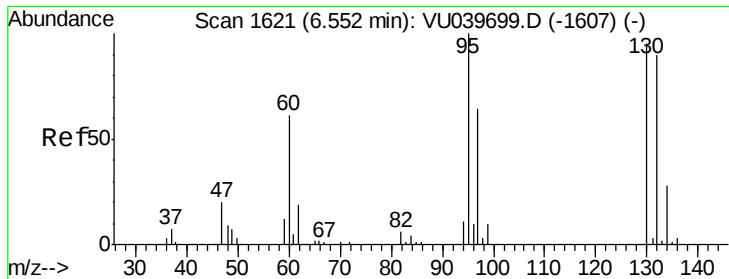
sam
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#36
1,2-Dichloroethane
Concen: 9.814 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 62 Resp: 97329
Ion Ratio Lower Upper
62 100
98 7.8 6.2 9.2





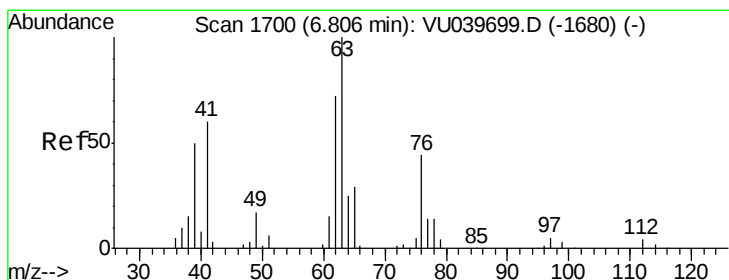
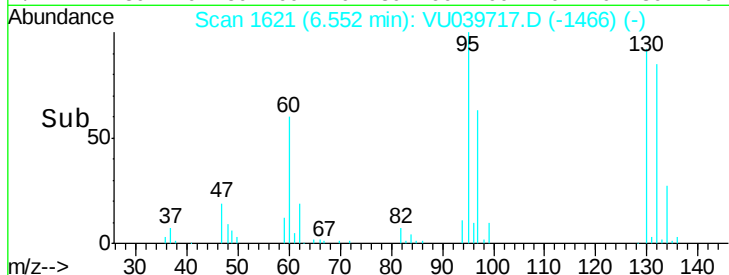
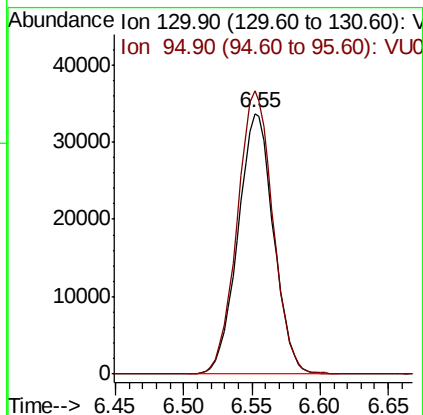
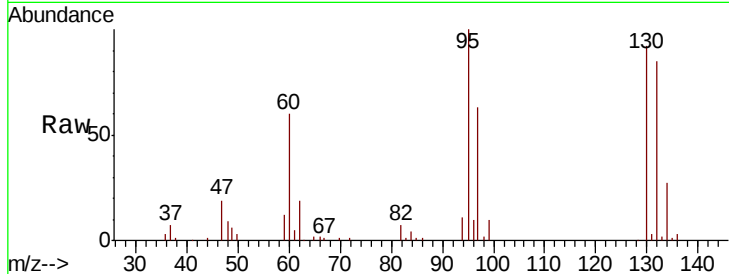
#37
 Trichloroethene
 Concen: 10.092 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:130 Resp: 61088
 Ion Ratio Lower Upper
 130 100
 95 108.5 84.3 126.5

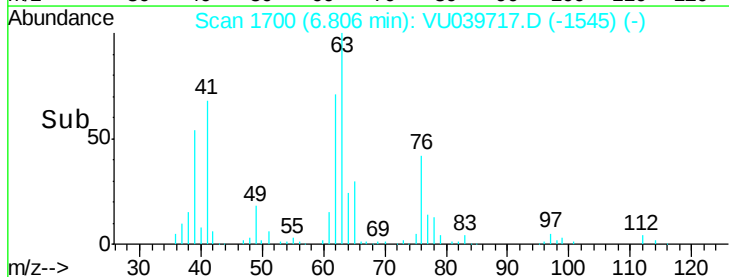
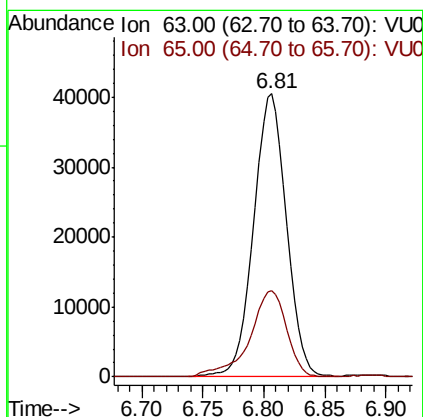
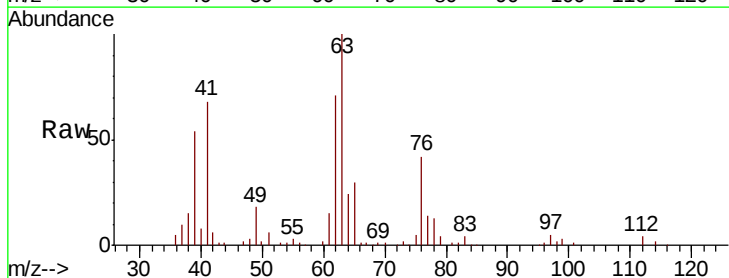
Manual Integrations
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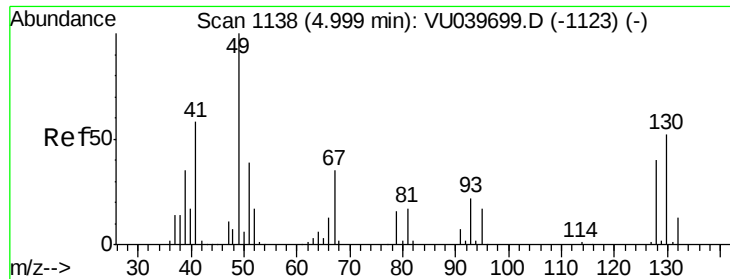
sam
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#38
 1,2-Dichloropropane
 Concen: 10.334 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 63 Resp: 75355
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.6





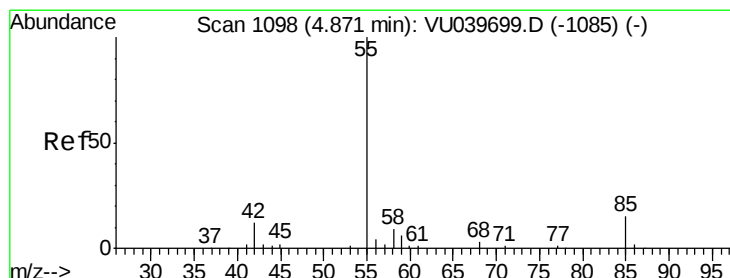
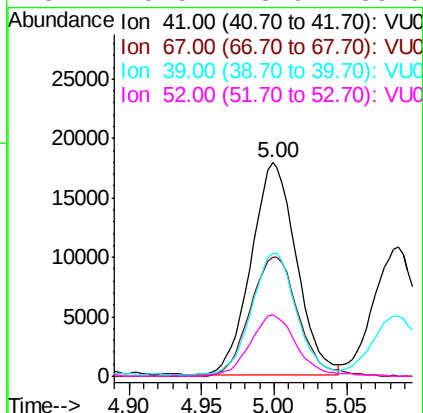
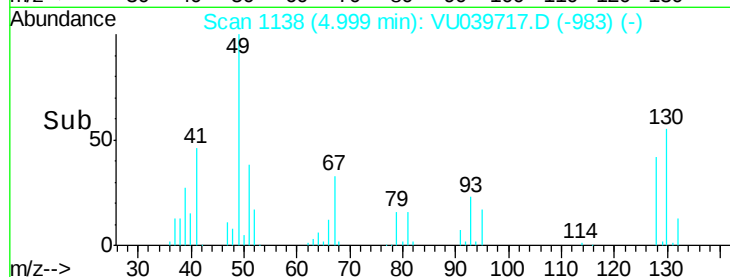
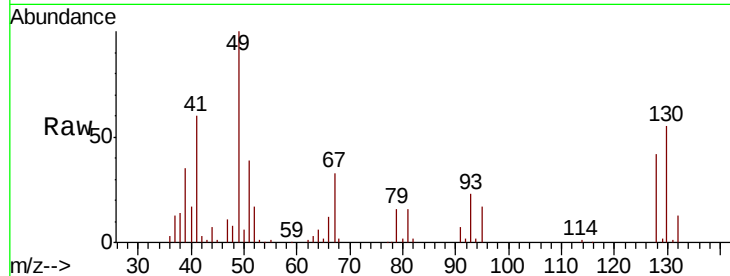
#39
Methacrylonitrile
Concen: 9.152 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tot Ion	41	Resp	38821
Ion Ratio	Lower	Upper	
41	100		
67	59.6	48.3	72.5
39	56.6	47.6	71.4
52	29.5	23.9	35.9

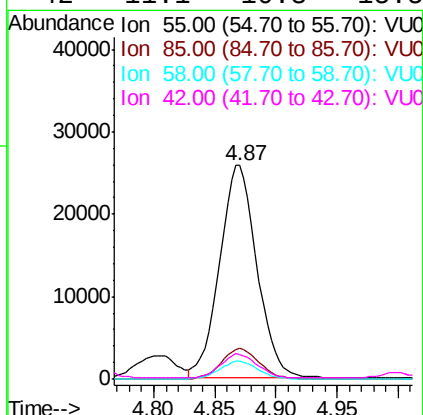
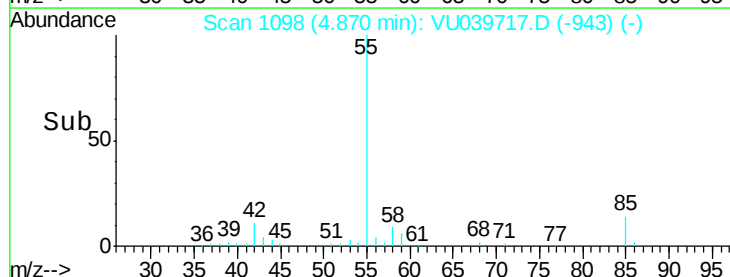
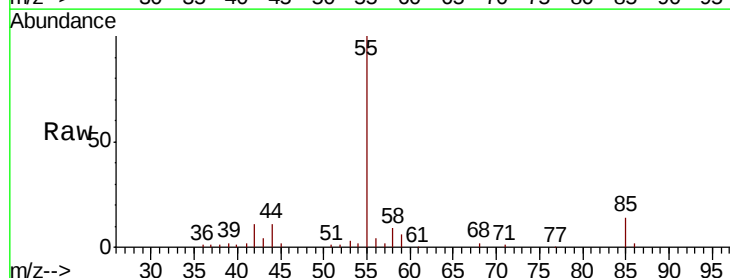
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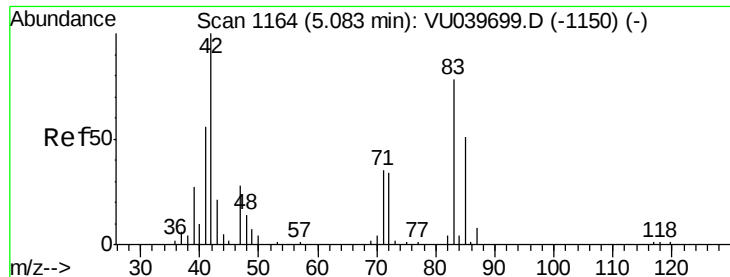
sam
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#40
Methyl acrylate
Concen: 10.045 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	55	Resp	54948
Ion Ratio	Lower	Upper	
55	100		
85	14.4	11.4	17.0
58	8.6	7.4	11.0
42	11.1	10.3	15.5





#41

Tetrahydrofuran

Concen: 18.078 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

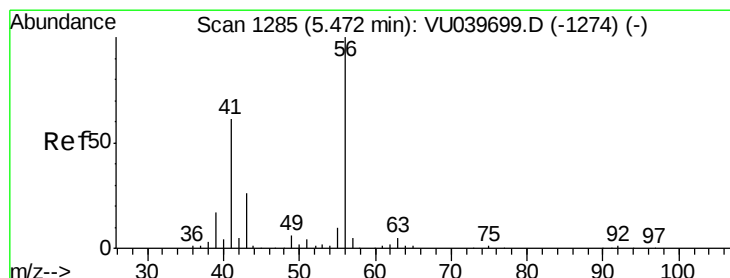
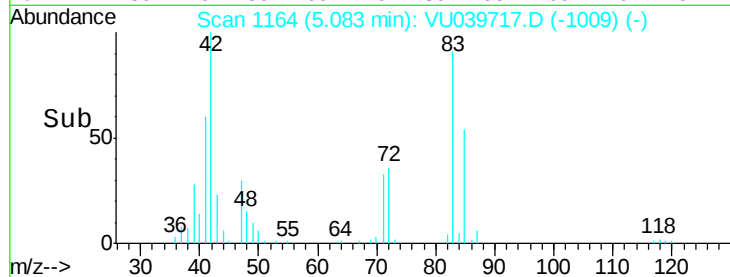
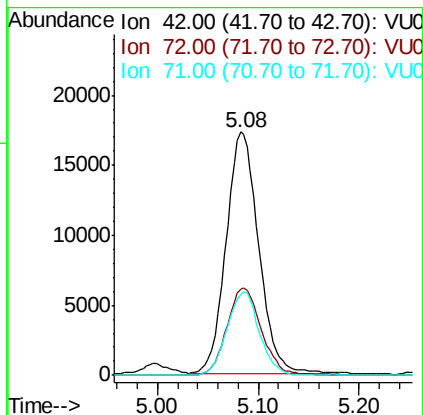
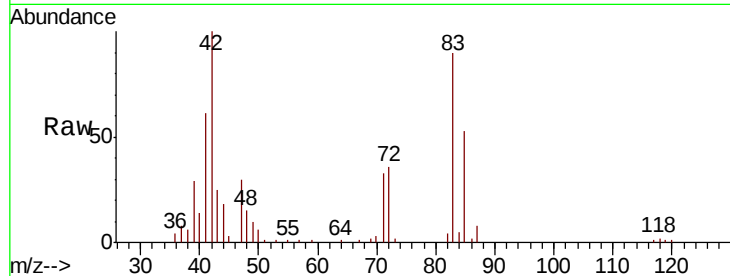
ClientSampleId :

VSTDCCC010

Tot Ion:	42	Resp:	38583
Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.0	46.6
71	34.3	28.2	42.4

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#42

1-Chlorobutane

Concen: 10.085 ug/l

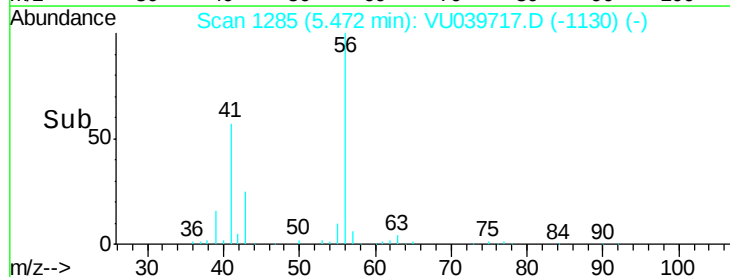
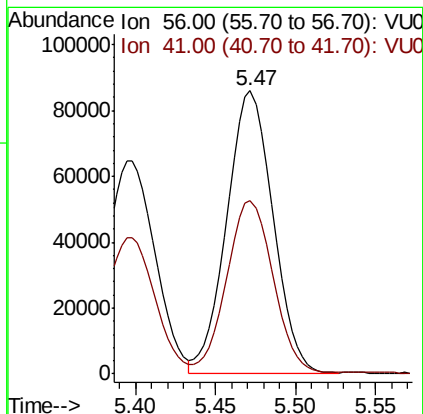
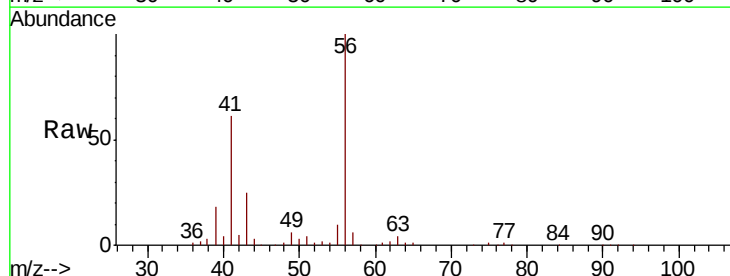
RT: 5.47 min Scan# 1285

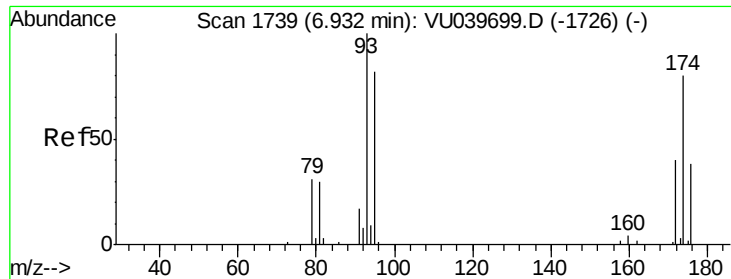
Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Tgt Ion:	56	Resp:	169293
Ion	Ratio	Lower	Upper
56	100		
41	60.4	30.5	91.5





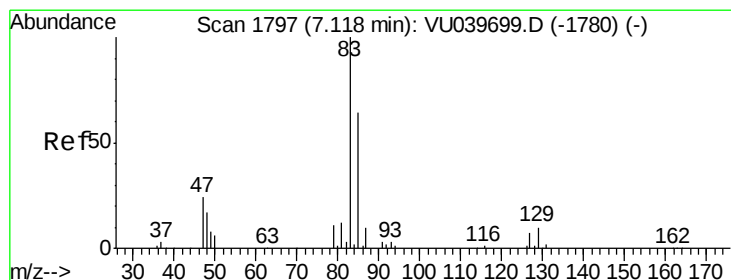
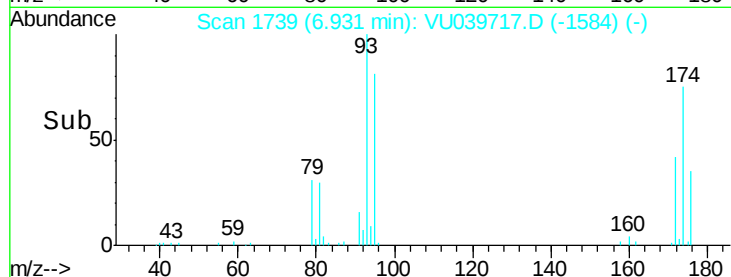
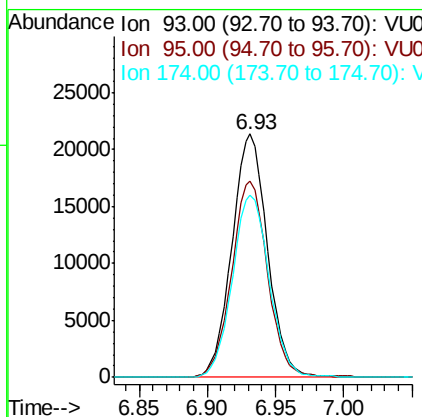
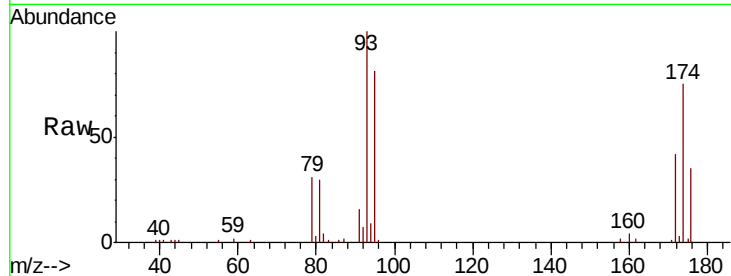
#43
Dibromomethane
Concen: 9.830 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
93	100		
95	81.4	66.6	99.8
174	77.7	62.7	94.1

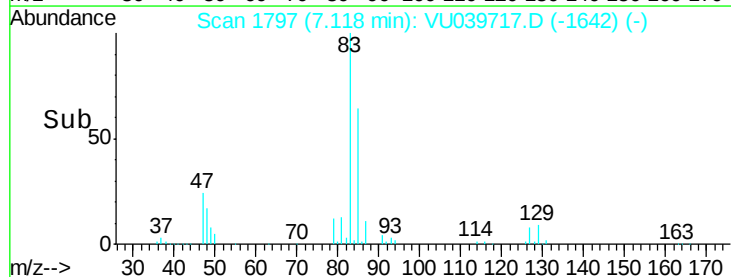
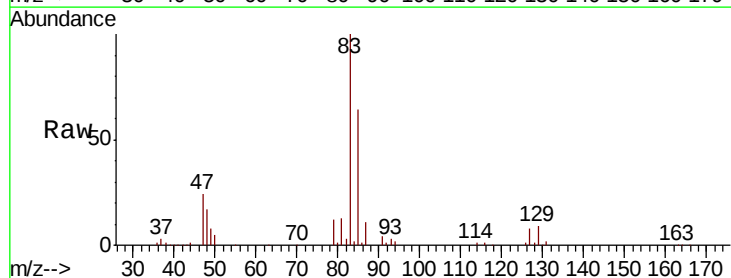
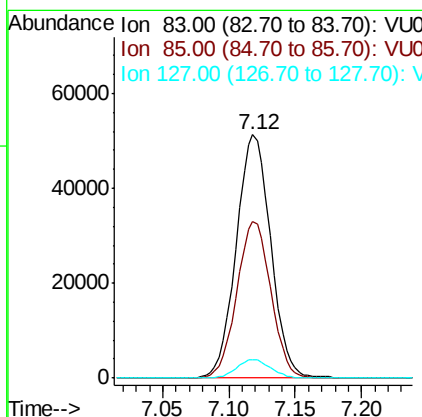
Manual Integrations
APPROVED

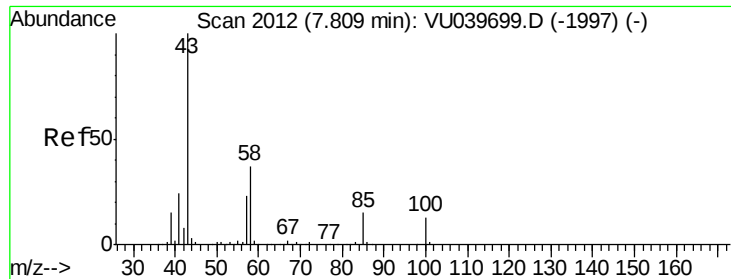
sam
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#44
Bromodichloromethane
Concen: 10.338 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2
127	7.7	5.8	8.6





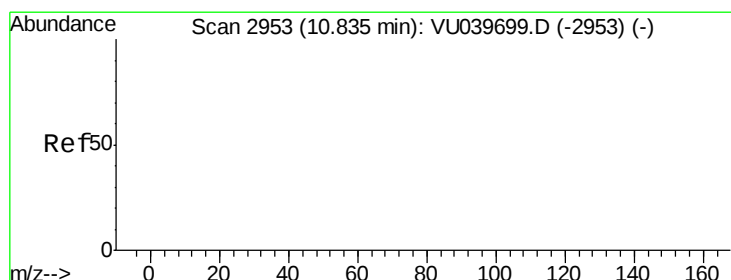
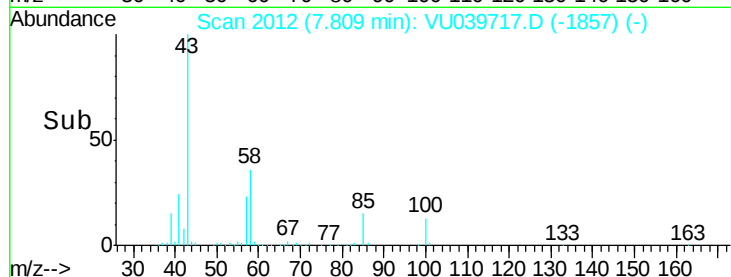
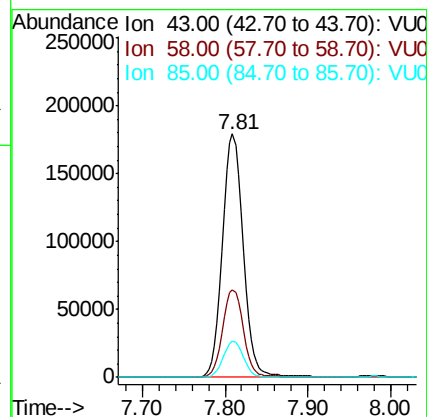
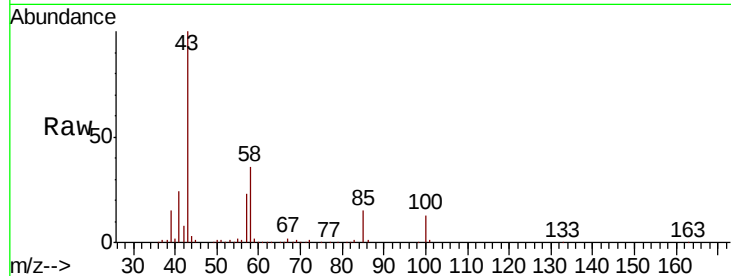
#45
4-Methyl-2-Pentanone
Concen: 52.403 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.9	18.4	55.0
85	14.6	11.8	17.6

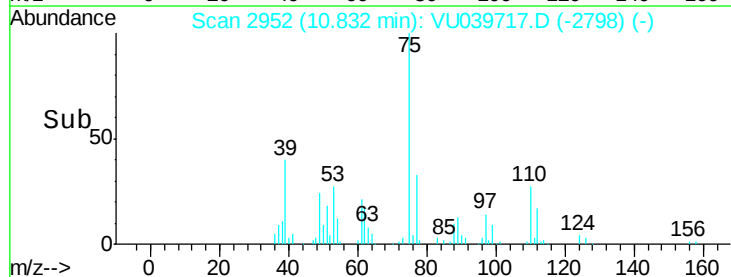
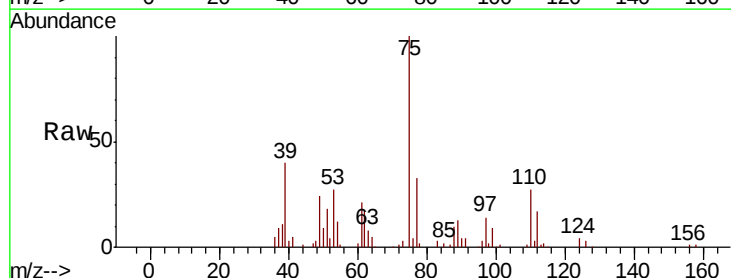
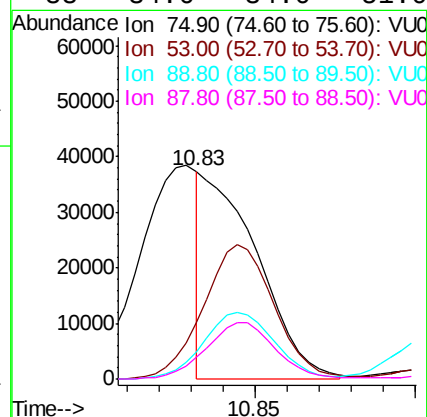
Manual Integrations
APPROVED

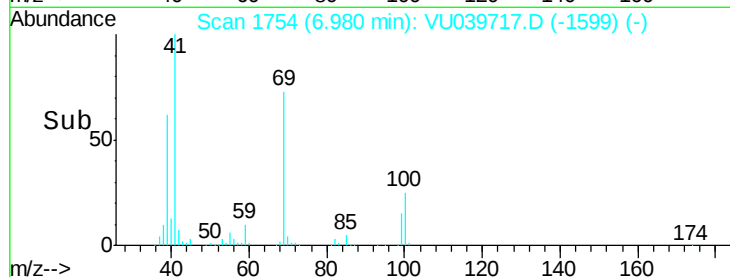
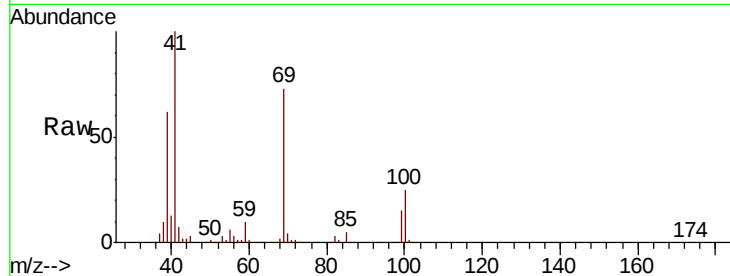
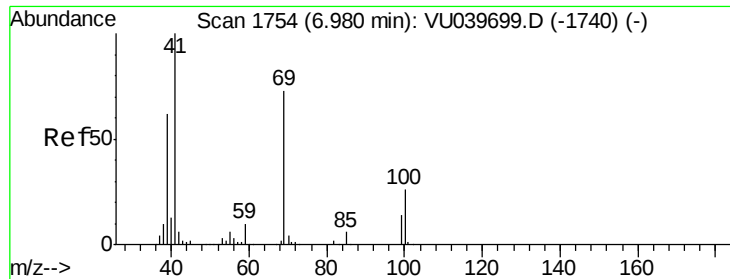
sam
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#46
t-1,4-Dichloro-2-butene
Concen: 25.330 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
53	83.7	78.6	118.0
89	41.7	40.3	60.5
88	34.6	34.0	51.0





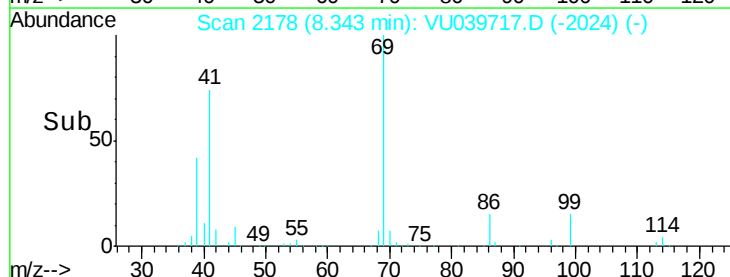
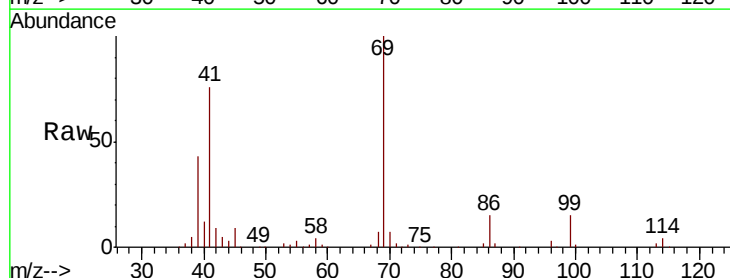
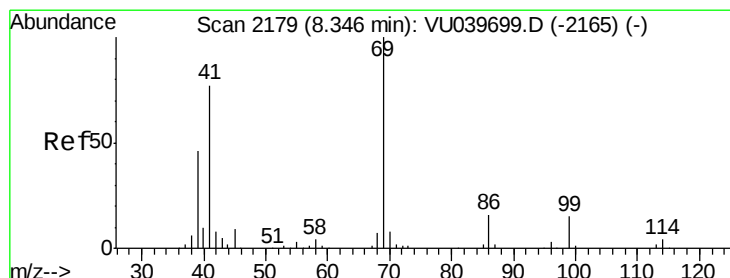
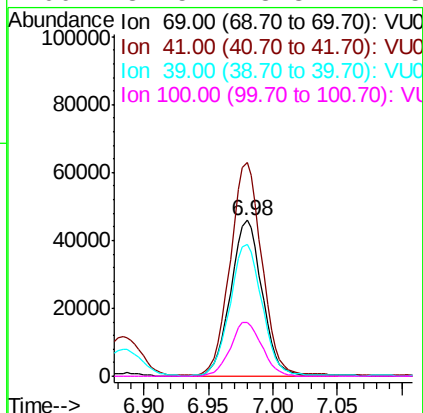
#47
Methyl methacrylate
Concen: 21.362 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tot Ion	Ratio	Lower	Upper
69	100		
41	136.5	0.0	271.6
39	86.1	67.4	101.2
100	34.5	28.3	42.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

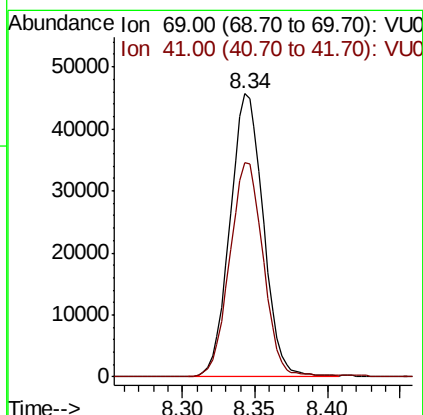
Manual Integrations
APPROVED

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#48
Ethyl methacrylate
Concen: 10.809 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	39.1	117.5





#49

Toluene

Concen: 10.586 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 92 Resp: 166712

Ion Ratio Lower Upper

92 100

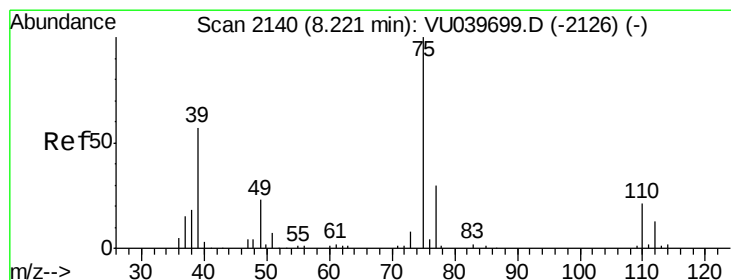
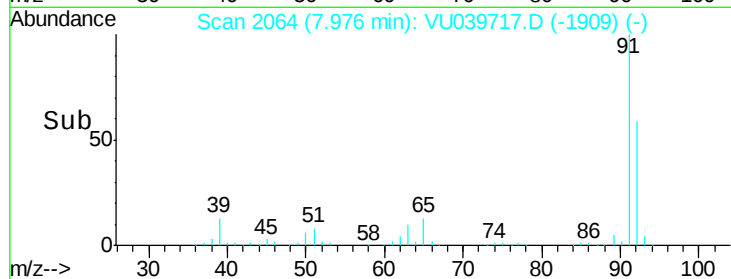
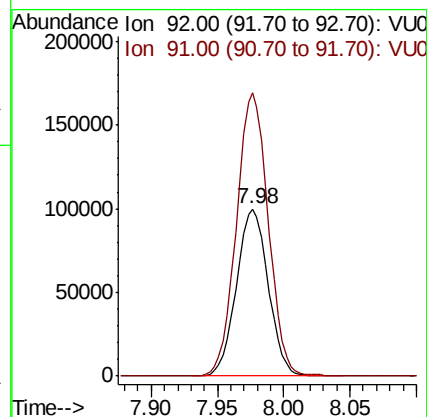
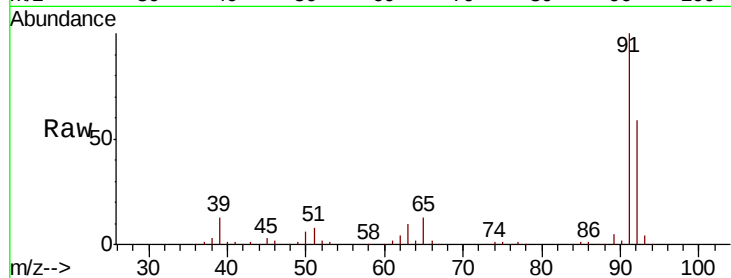
91 169.1 136.1 204.1

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 11.041 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039717.D

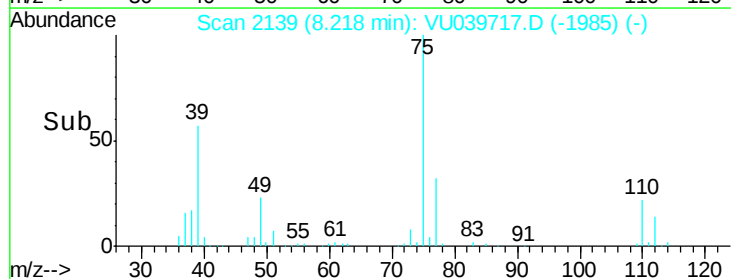
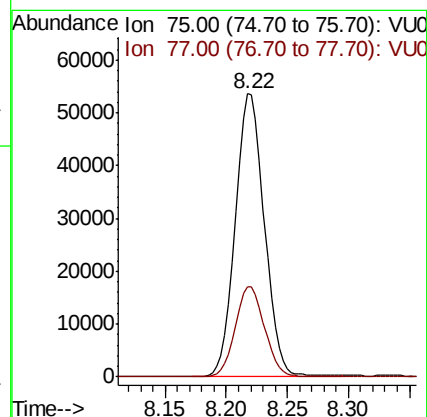
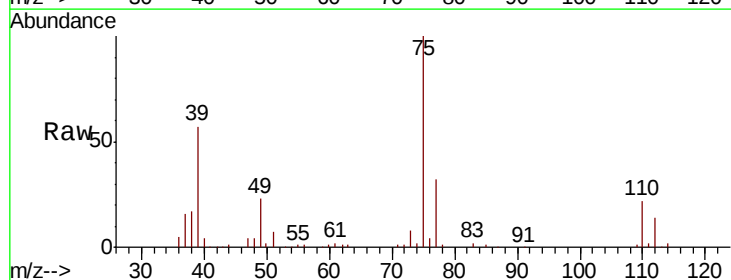
Acq: 30 Jul 2020 11:37

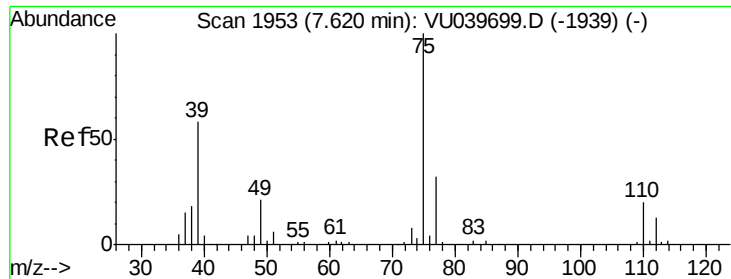
Tgt Ion: 75 Resp: 89465

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5





#51

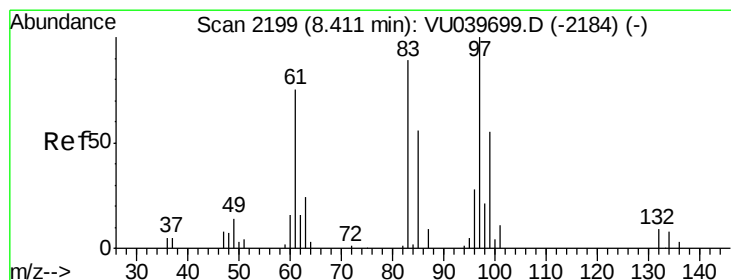
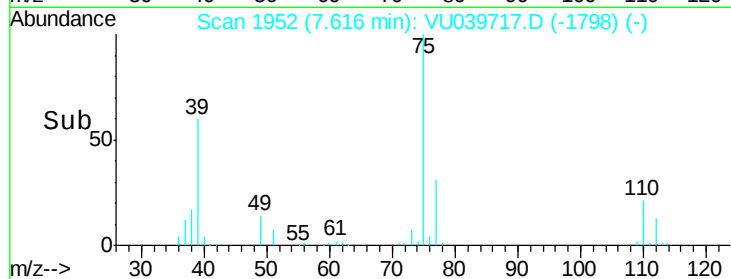
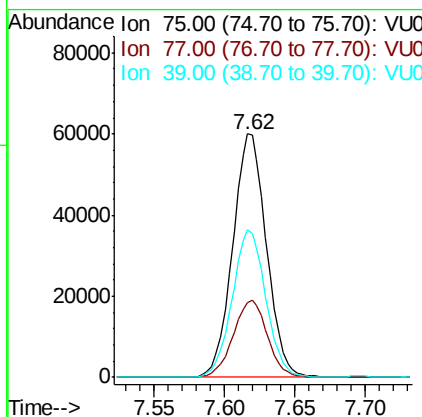
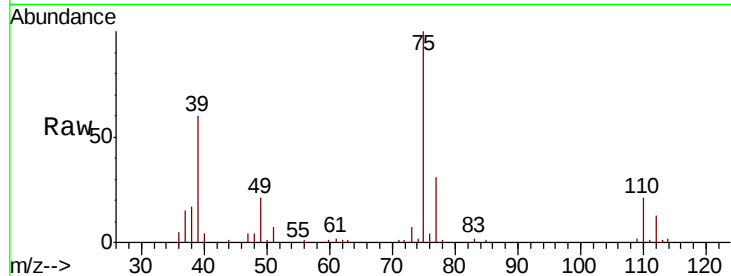
cis-1,3-Dichloropropene
 Concen: 10.536 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	75	Resp	100349
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.7	38.5
39	60.3	46.1	69.1

Manual Integrations
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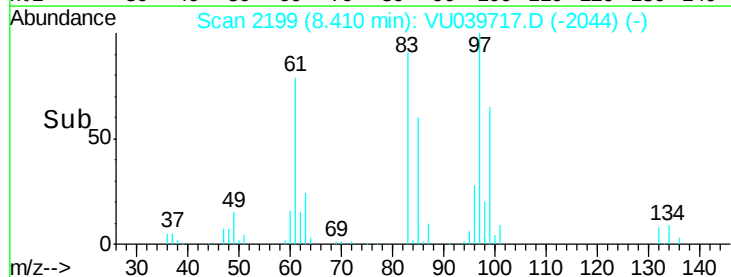
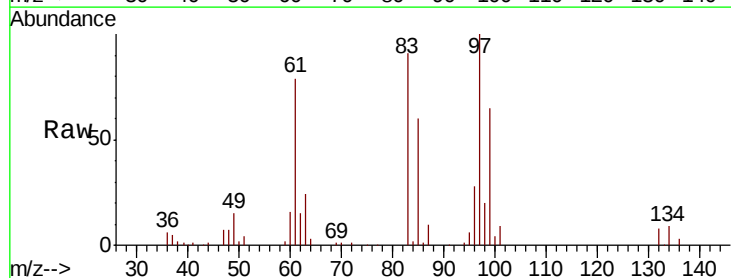
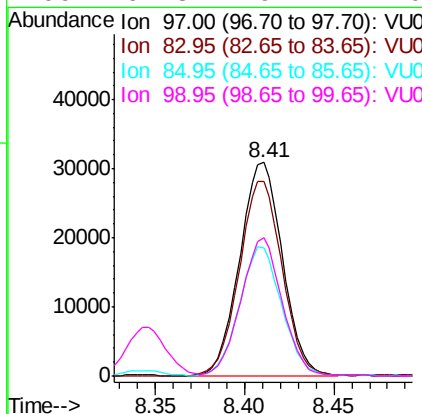
sam
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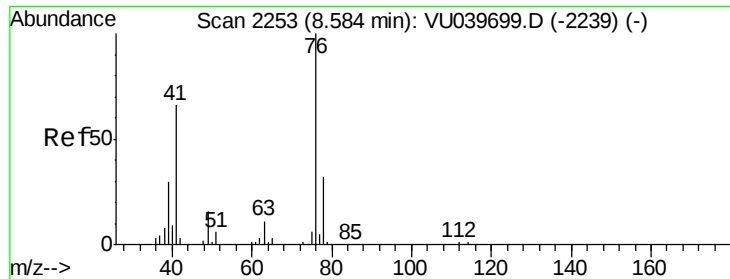


#52

1,1,2-Trichloroethane
 Concen: 10.208 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	97	Resp	52041
Ion	Ratio	Lower	Upper
97	100		
83	90.9	71.3	106.9
85	60.2	45.4	68.2
99	64.3	49.4	74.0





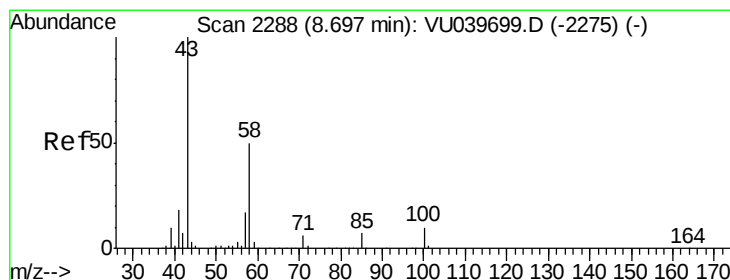
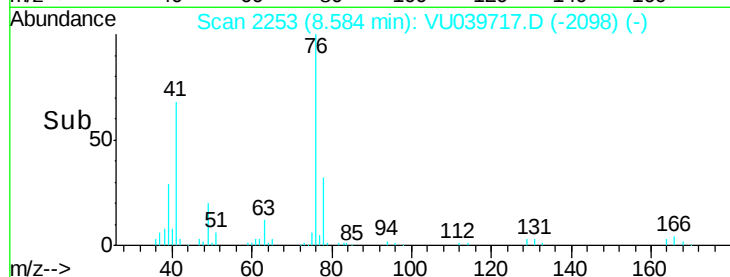
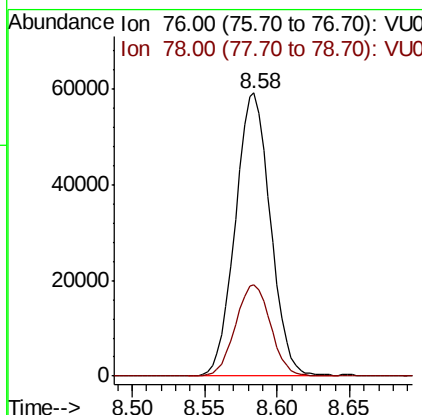
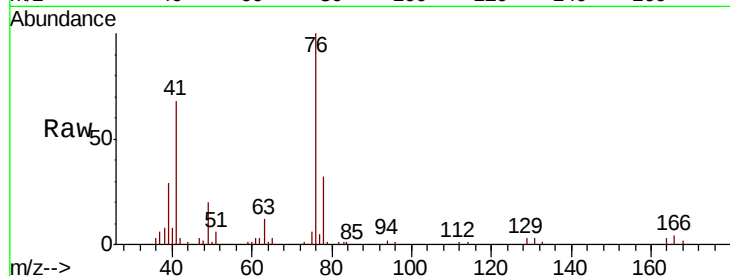
#53
 1,3-Dichloropropane
 Concen: 10.180 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.4	38.2

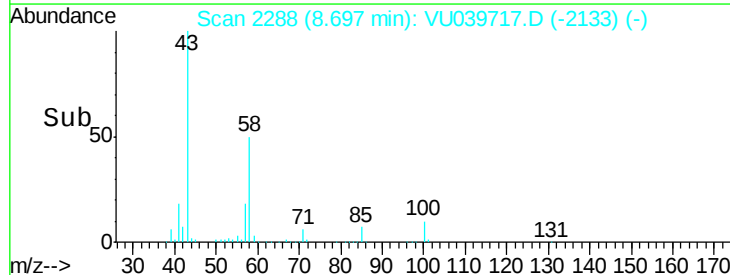
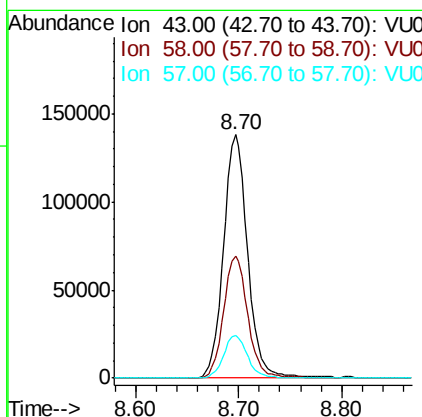
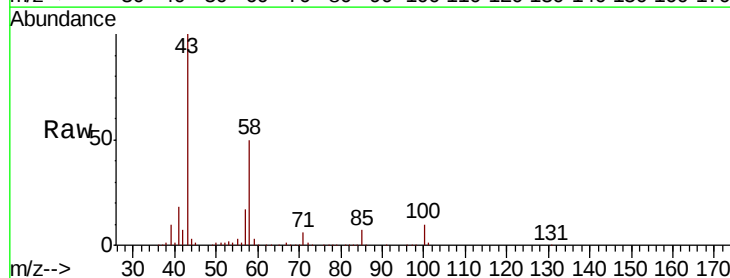
Manual Integrations
 APPROVED

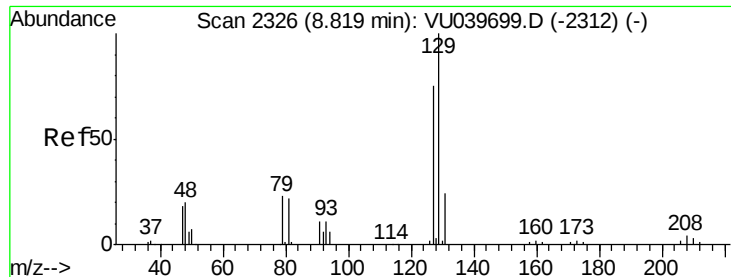
sam
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#54
 2-Hexanone
 Concen: 53.007 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.3	29.9	69.9
57	17.4	0.0	37.2





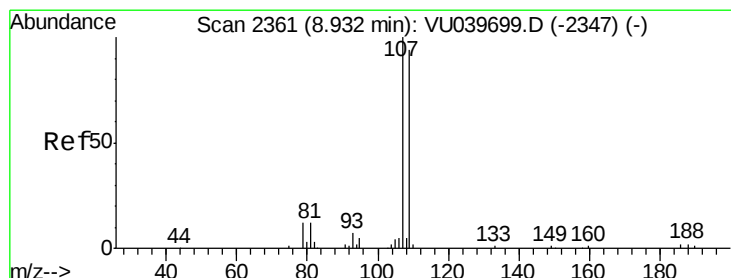
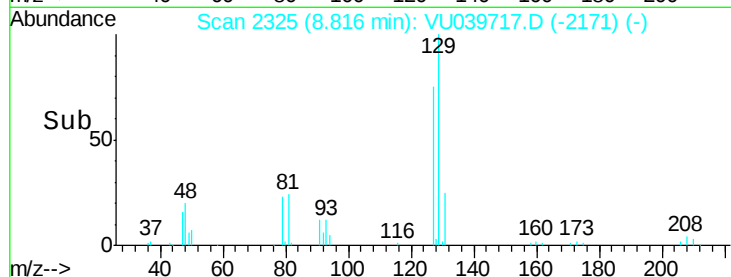
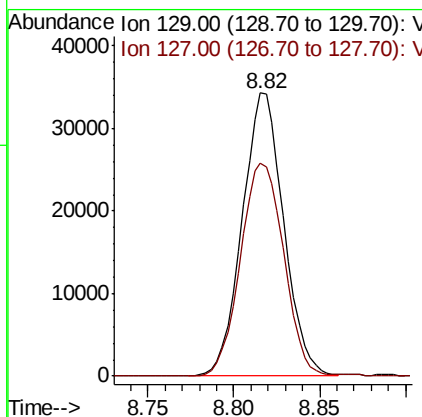
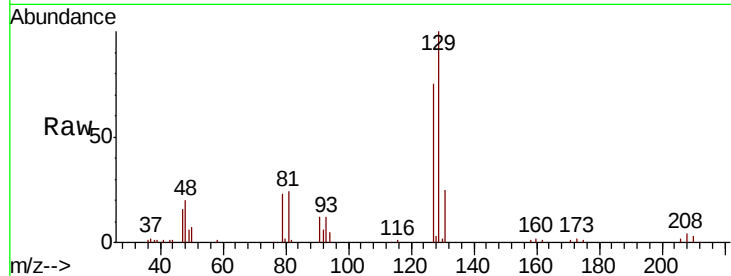
#55
 Dibromochloromethane
 Concen: 10.499 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.6	62.4	93.6

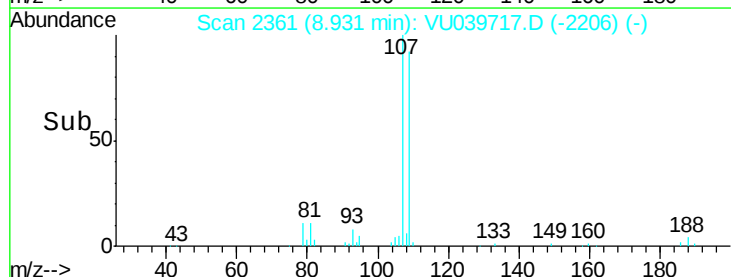
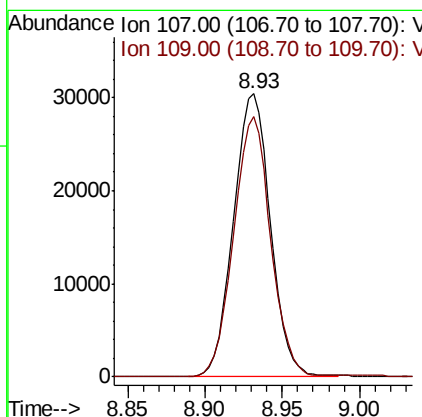
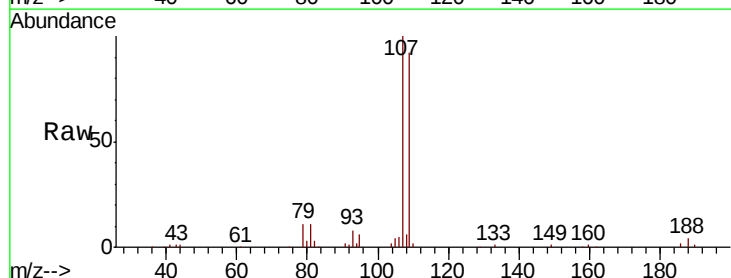
Manual Integrations
 APPROVED

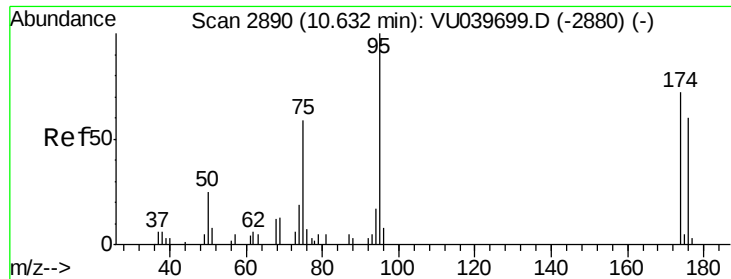
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#56
 1,2-Dibromoethane
 Concen: 10.288 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.0	0.0	185.2





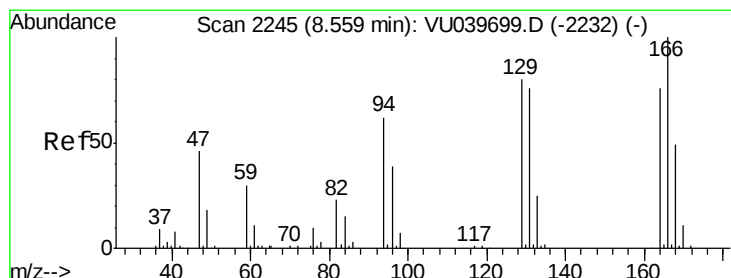
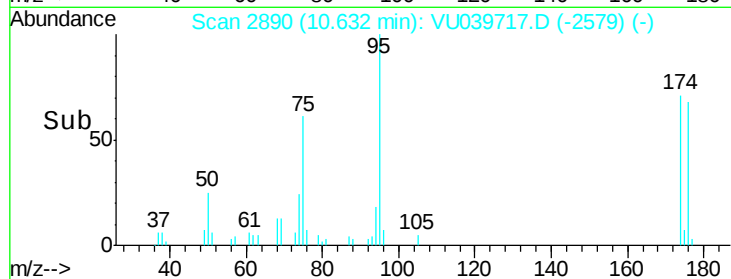
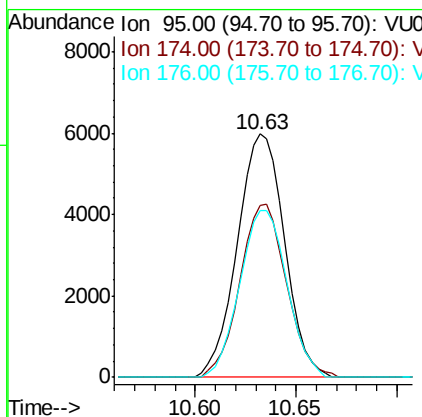
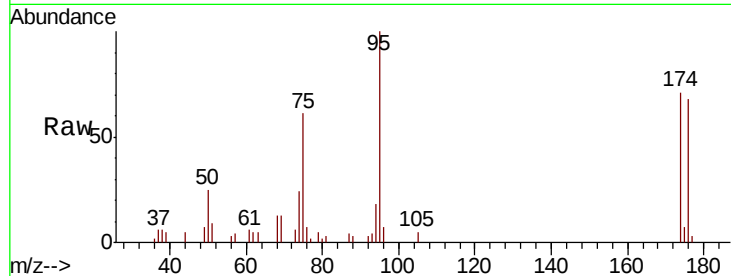
#57
4-Bromofluorobenzene
Concen: 1.185 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.1	57.0	85.4
176	68.8	50.2	75.2

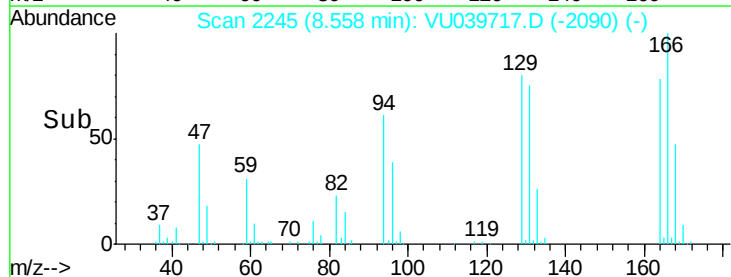
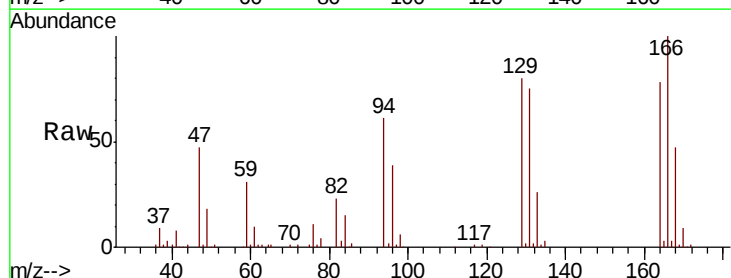
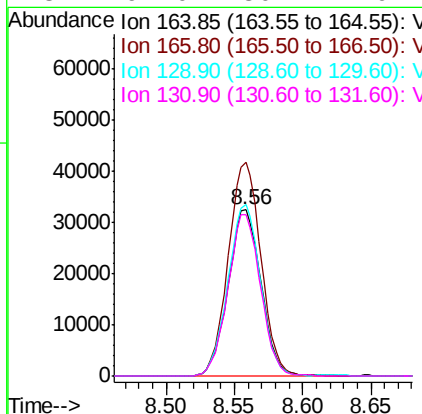
Manual Integrations
APPROVED

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#58
Tetrachloroethene
Concen: 10.264 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	104.8	157.2
129	103.3	84.1	126.1
131	97.0	80.1	120.1





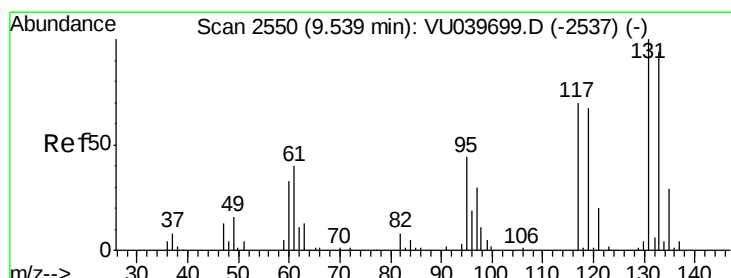
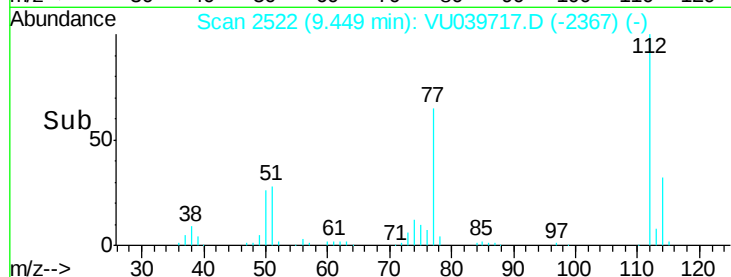
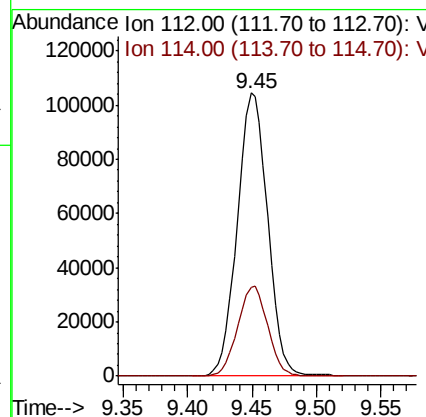
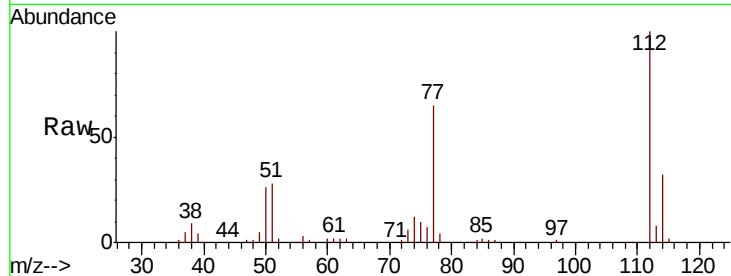
#59
Chlorobenzene
Concen: 10.515 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.8	38.6

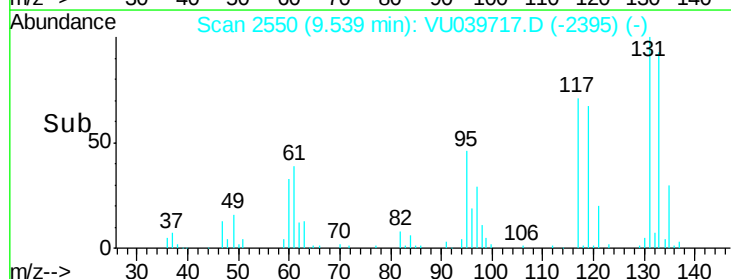
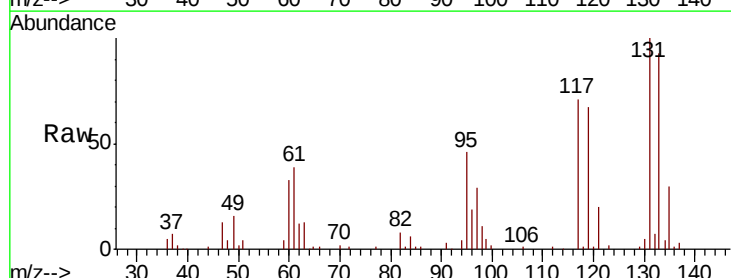
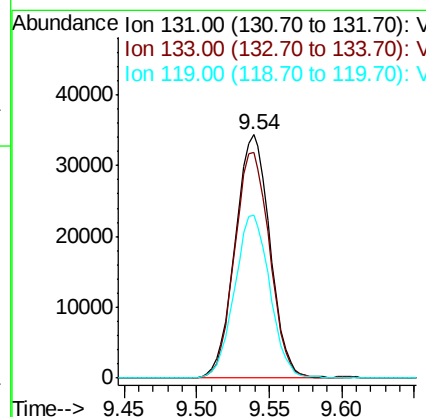
Manual Integrations
APPROVED

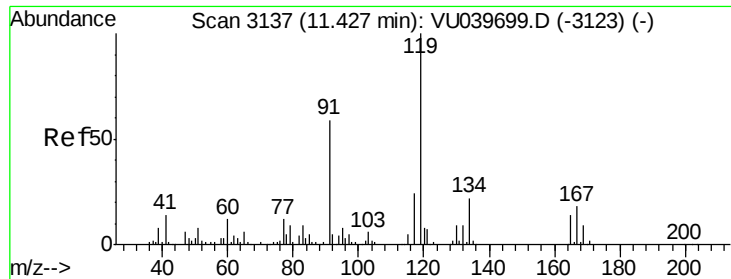
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.479 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	75.8	113.8
119	67.5	54.6	81.8





#61

Pentachloroethane

Concen: 10.176 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 49094

Ion Ratio Lower Upper

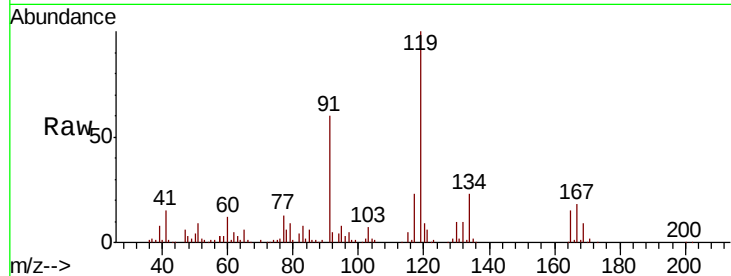
117 100

167 71.7 56.6 85.0

Manual Integrations
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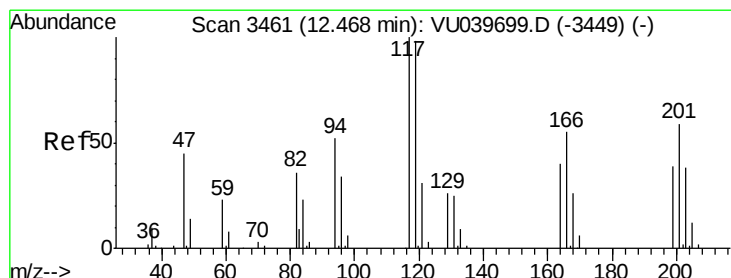
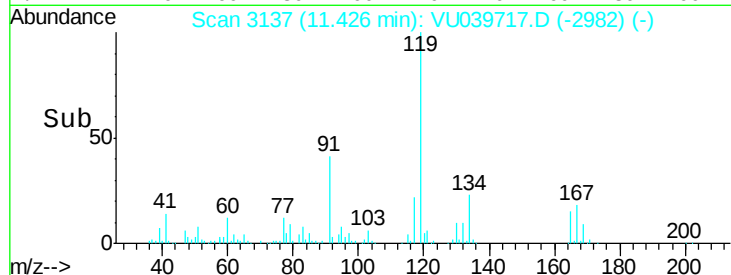
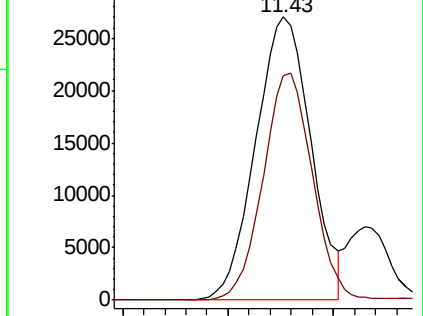
sam

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.708 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU039717.D

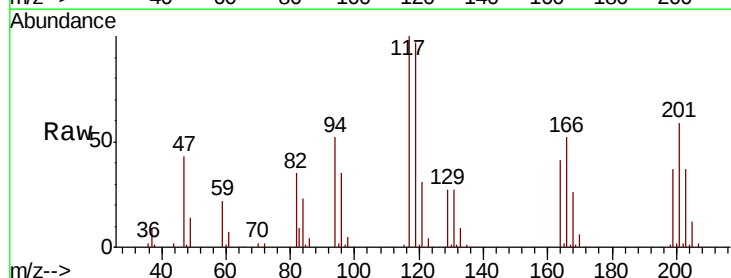
Acq: 30 Jul 2020 11:37

Tgt Ion:117 Resp: 47345

Ion Ratio Lower Upper

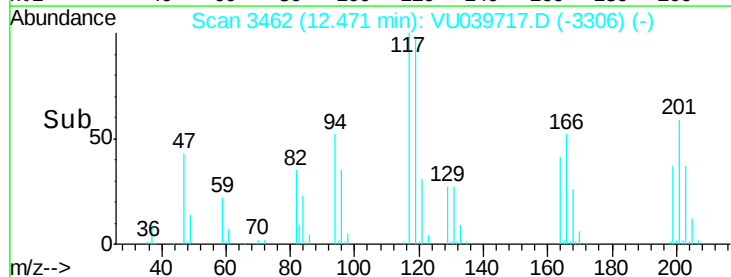
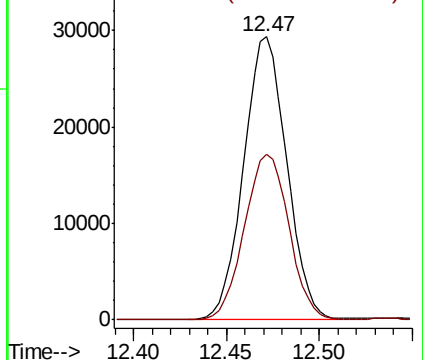
117 100

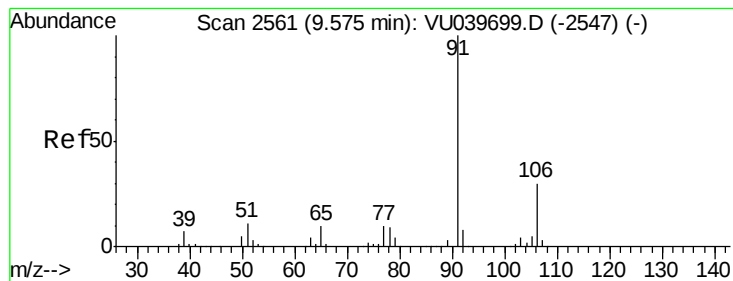
201 60.6 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 10.968 ug/l

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 320091

Ion Ratio Lower Upper

91 100

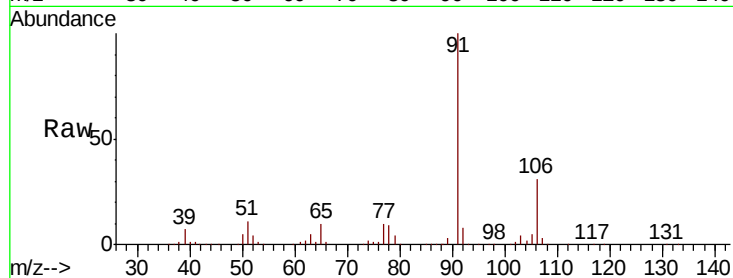
106 30.8 24.2 36.4

Manual Integrations

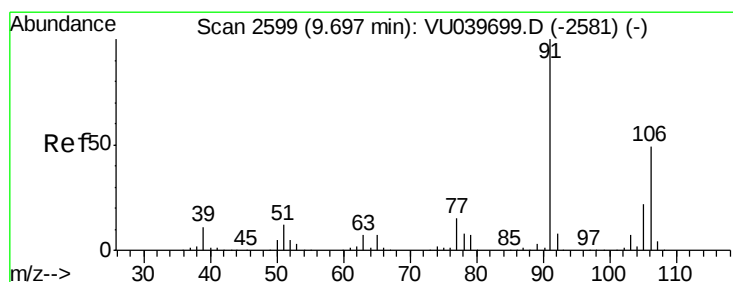
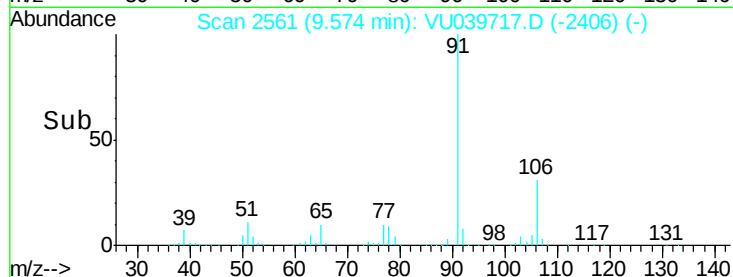
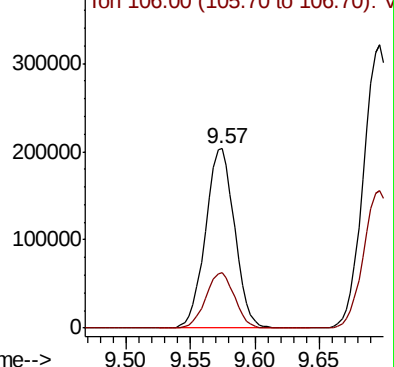
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Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-2547) (-)



#64

m/p-Xylenes

Concen: 22.268 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039717.D

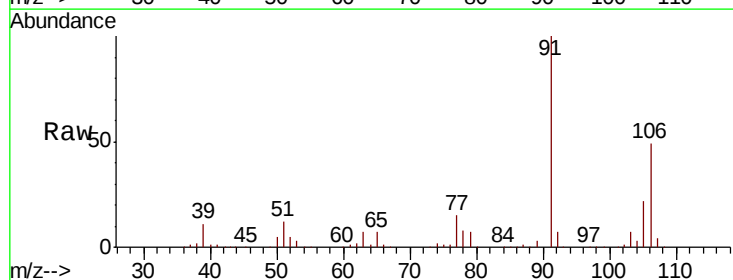
Acq: 30 Jul 2020 11:37

Tgt Ion: 106 Resp: 253907

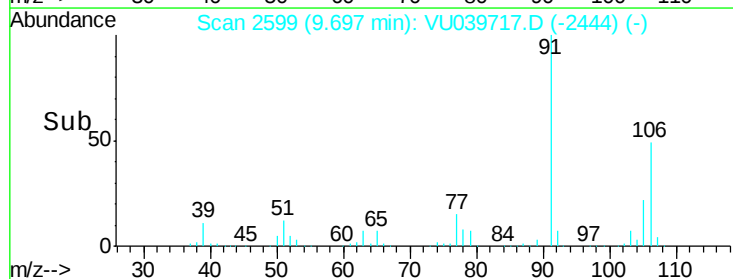
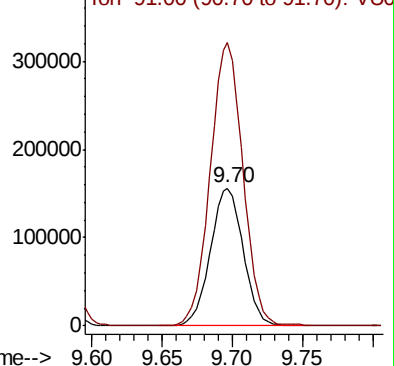
Ion Ratio Lower Upper

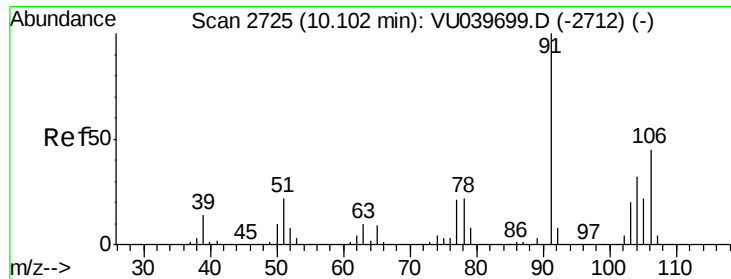
106 100

91 204.3 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039699.D (-2581) (-)





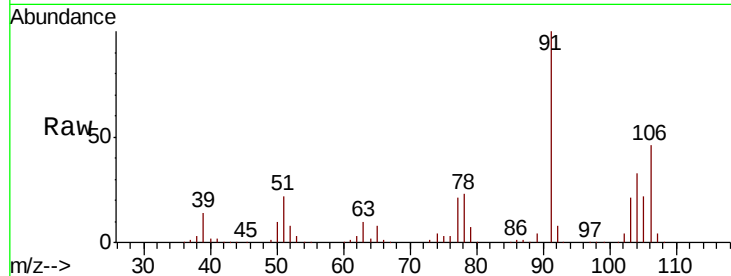
#65
o-Xylene
Concen: 10.934 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

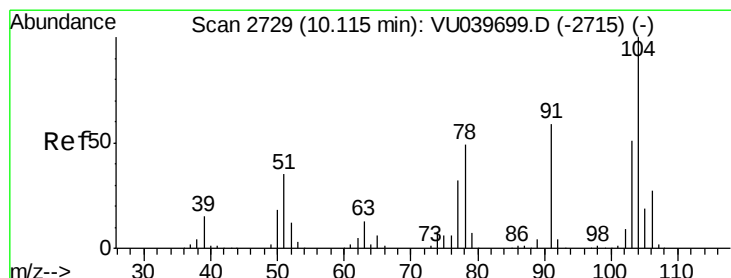
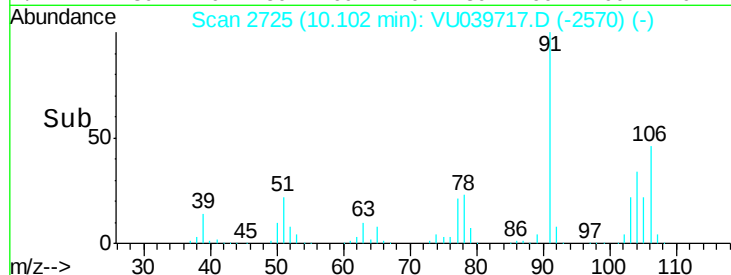
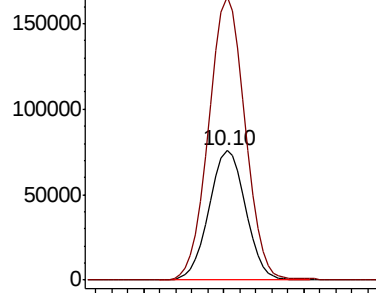
Tot Ion:106 Resp: 118373
Ion Ratio Lower Upper
106 100
91 216.4 110.3 331.0

Manual Integrations
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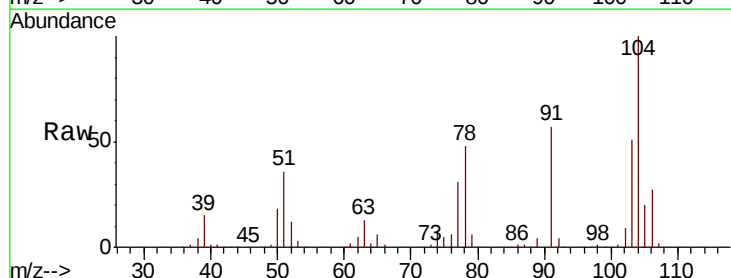


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

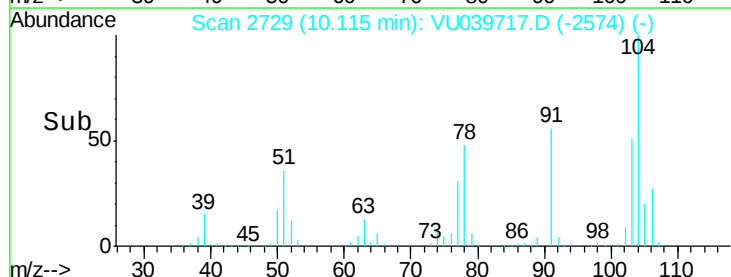
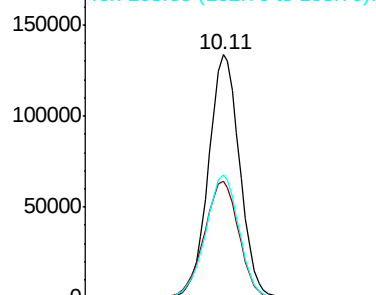


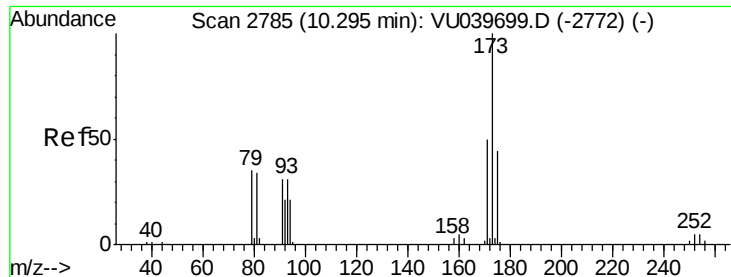
#66
Styrene
Concen: 11.247 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion:104 Resp: 208661
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 54.4 43.4 65.2



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





#67

Bromoform

Concen: 11.024 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 30786

Ion Ratio Lower Upper

173 100

175 48.3 36.7 55.1

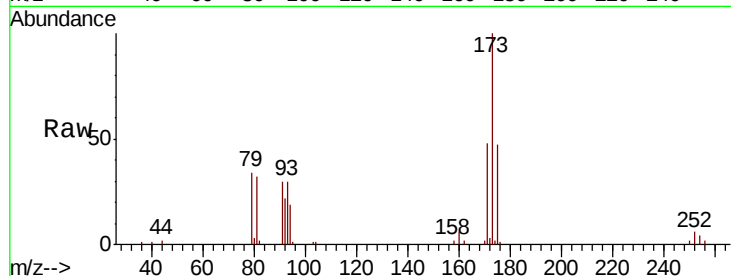
254 4.9 3.8 5.8

Manual Integrations

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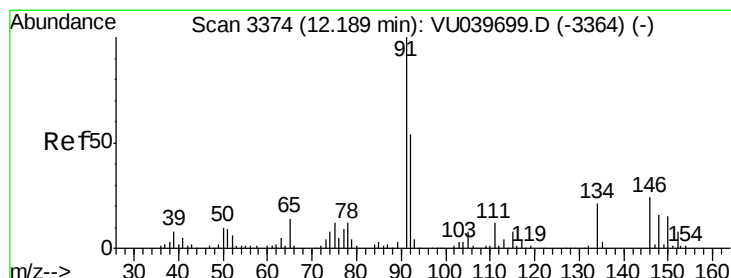
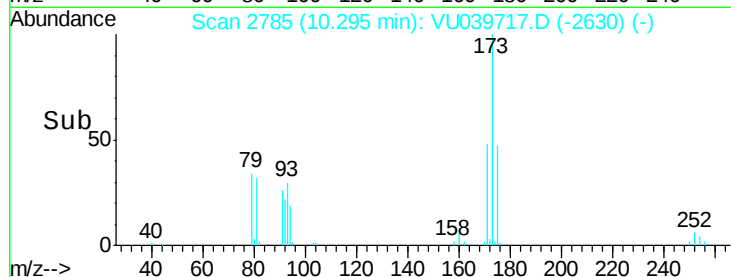
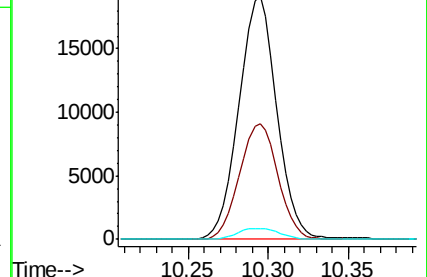
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.036 ug/l

RT: 12.19 min Scan# 3375

Delta R.T. 0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

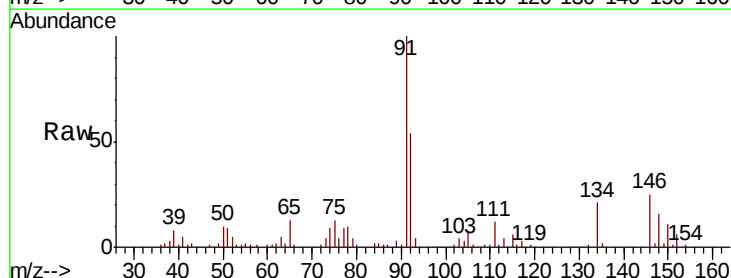
Tgt Ion:152 Resp: 8375

Ion Ratio Lower Upper

152 100

115 153.8 0.0 302.4

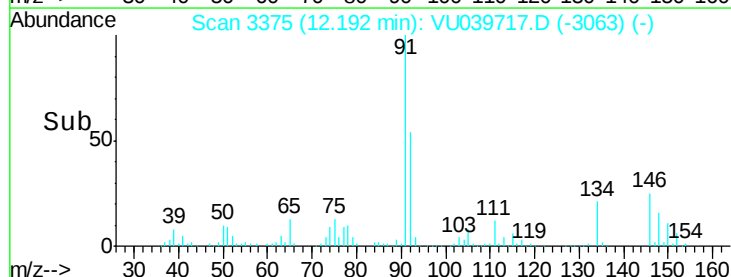
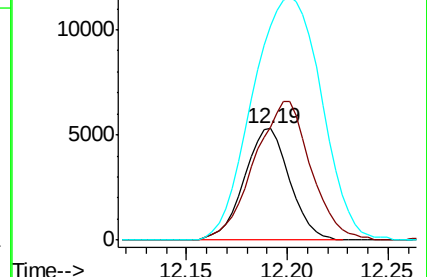
150 327.3 0.0 645.8

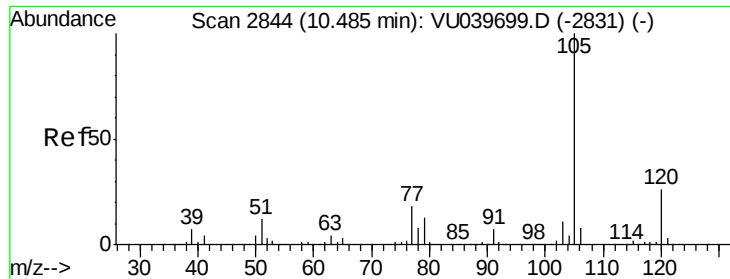


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.916 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 315652

Ion Ratio Lower Upper

105 100

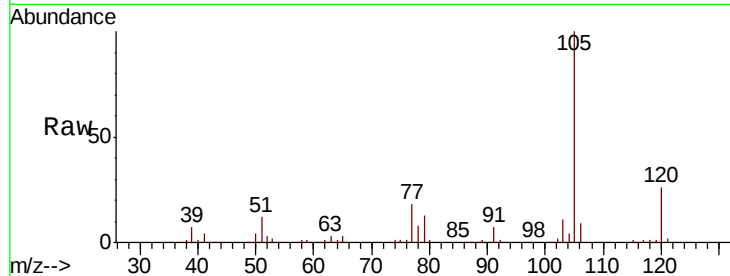
120 25.5 12.8 38.4

Manual Integrations

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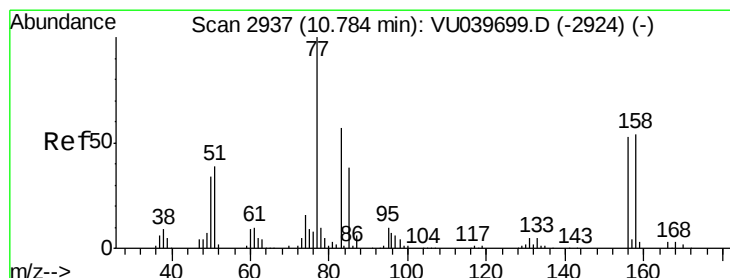
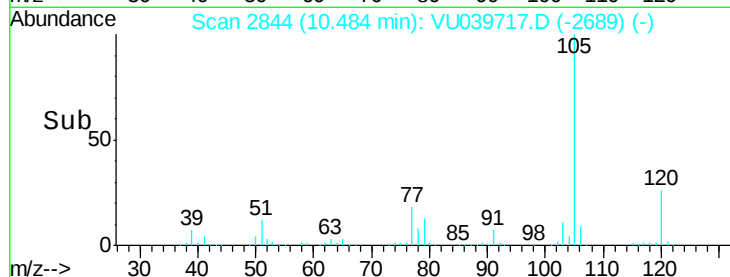
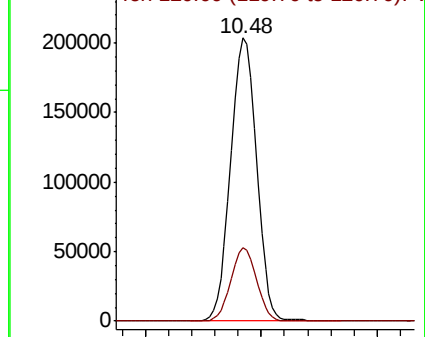
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.325 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

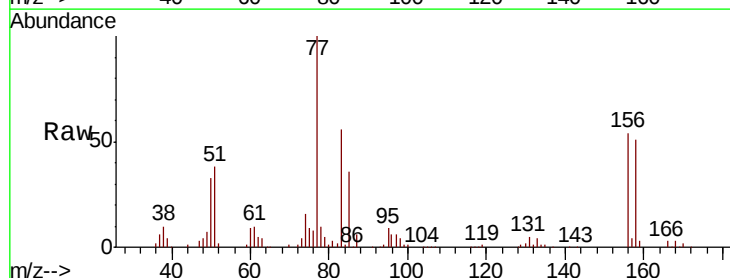
Tgt Ion: 83 Resp: 75774

Ion Ratio Lower Upper

83 100

131 8.8 7.0 10.6

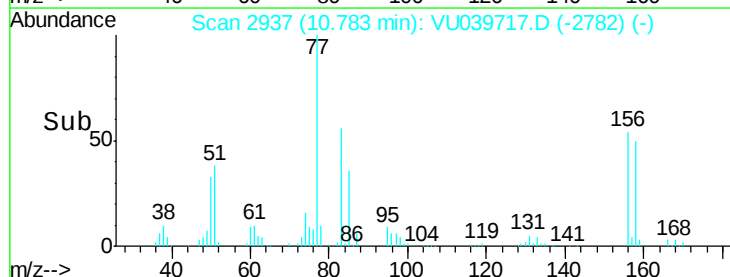
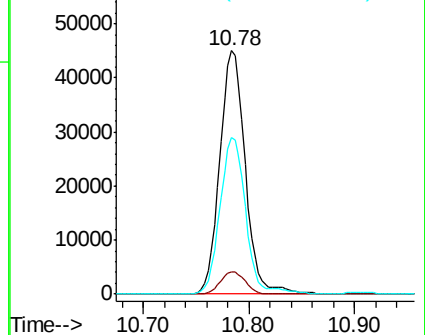
85 64.7 50.6 75.8

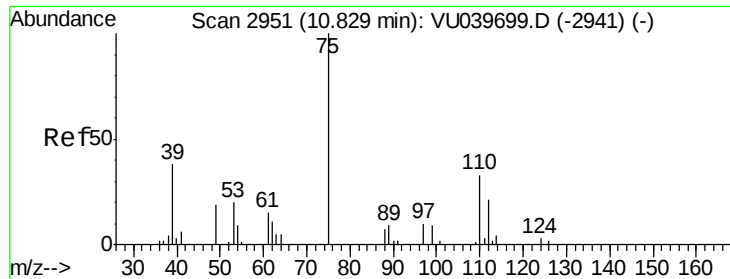


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





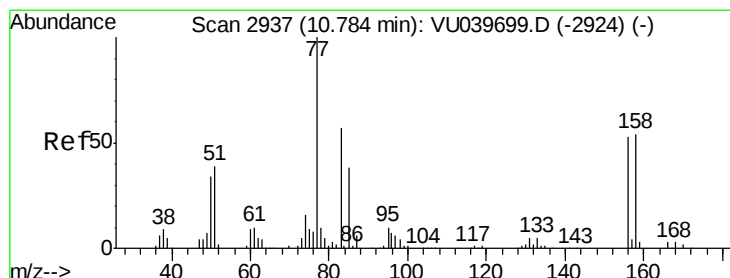
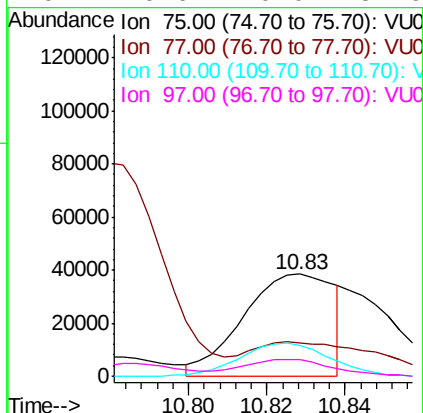
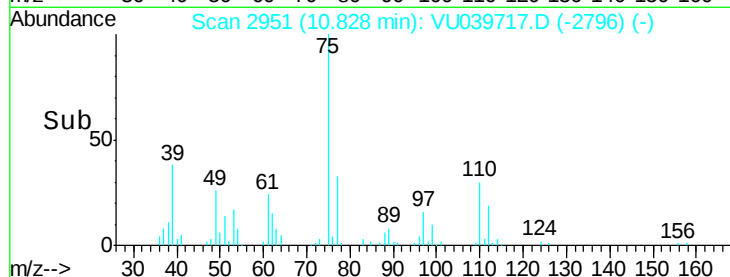
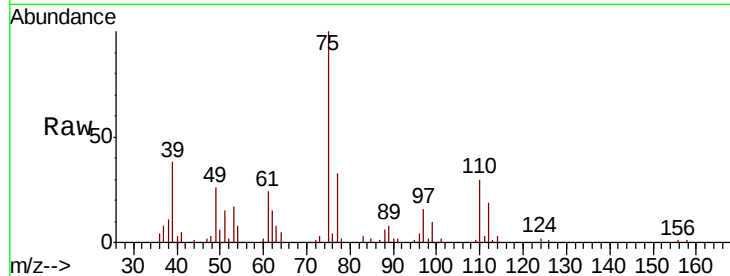
#71
 1,2,3-Trichloropropane
 Concen: 11.249 ug/l m
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
75	75	100		
77	77	45.2	0.0	91.0
110	110	32.1	0.0	64.2
97	97	16.6	0.0	32.6

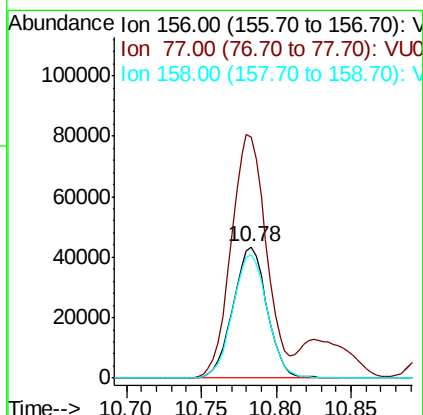
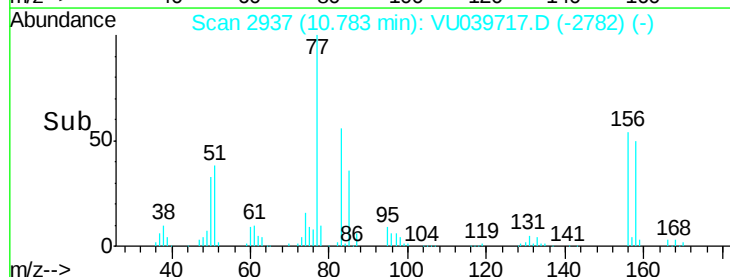
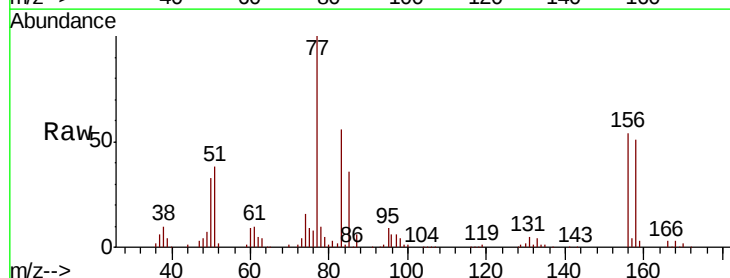
Manual Integrations
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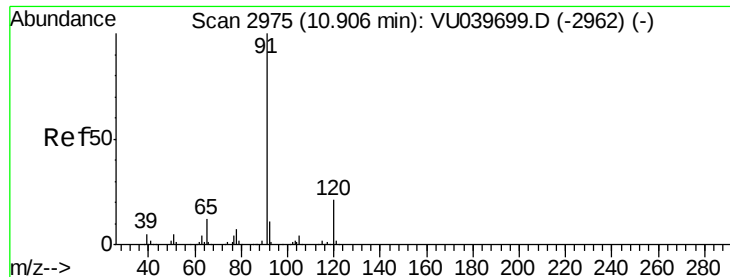
sam
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#72
 Bromobenzene
 Concen: 10.504 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
156	156	100		
77	77	190.7	0.0	385.2
158	158	96.2	0.0	200.8





#73

n-propylbenzene

Concen: 10.902 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:120 Resp: 88634

Ion Ratio Lower Upper

120 100

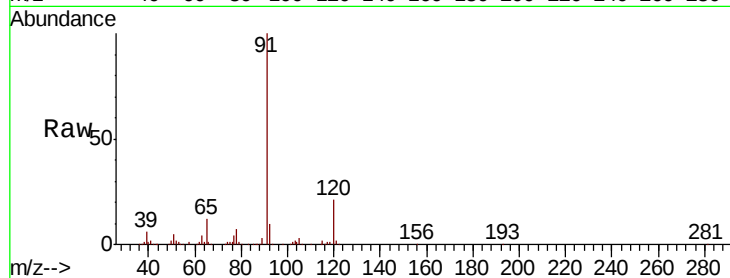
91 469.6 371.7 557.5

Manual Integrations

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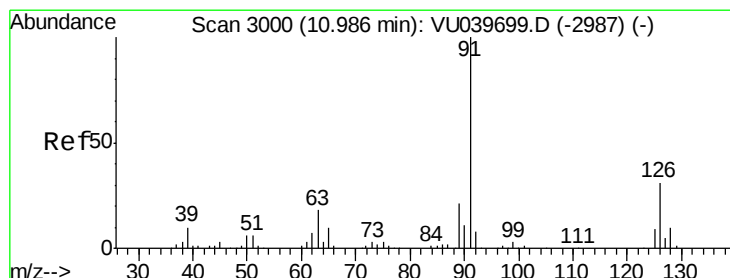
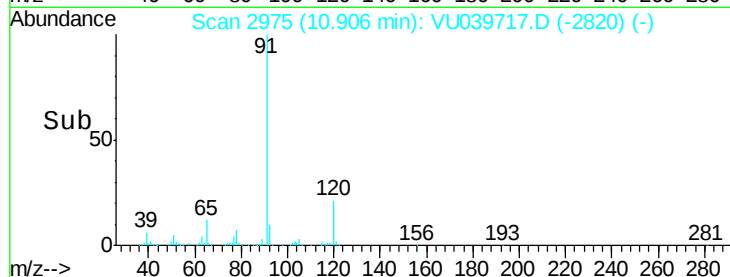
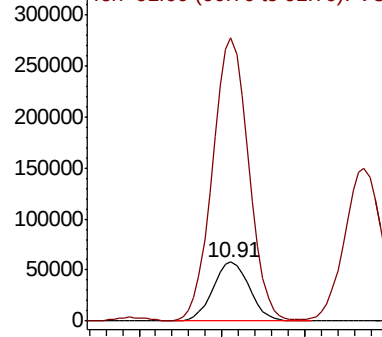
sam

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.562 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039717.D

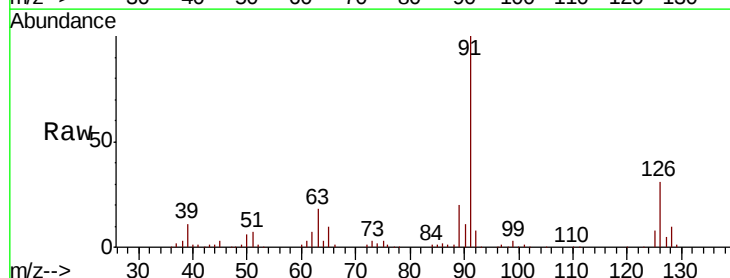
Acq: 30 Jul 2020 11:37

Tgt Ion:126 Resp: 72538

Ion Ratio Lower Upper

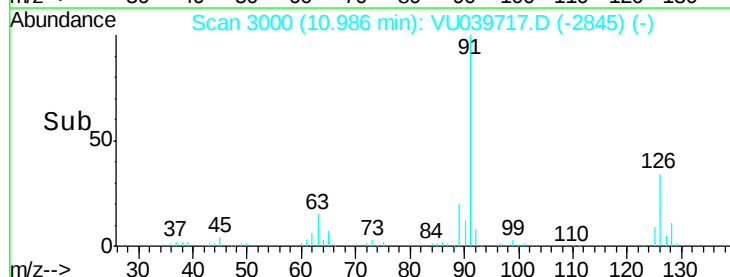
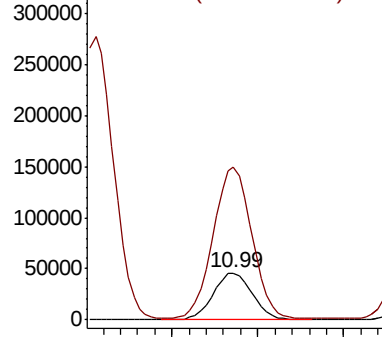
126 100

91 319.8 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.275 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 281845

Ion Ratio Lower Upper

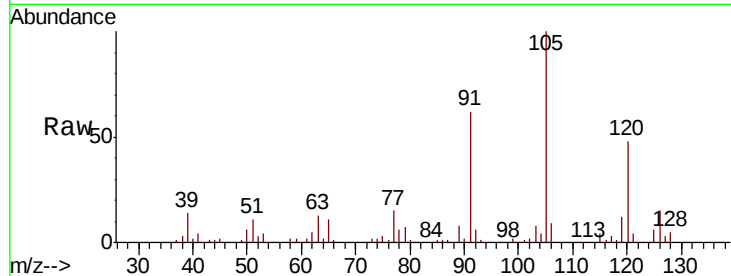
105 100

120 48.0 38.0 57.0

Manual Integrations
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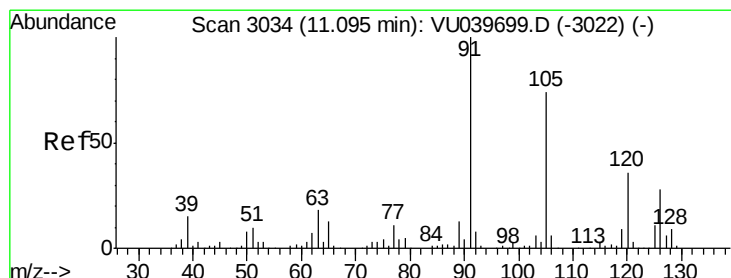
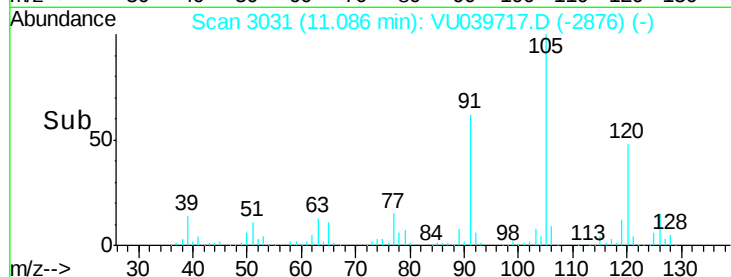
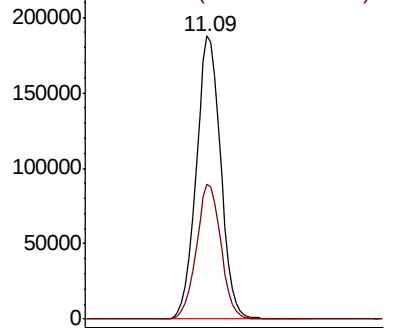
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 10.911 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039717.D

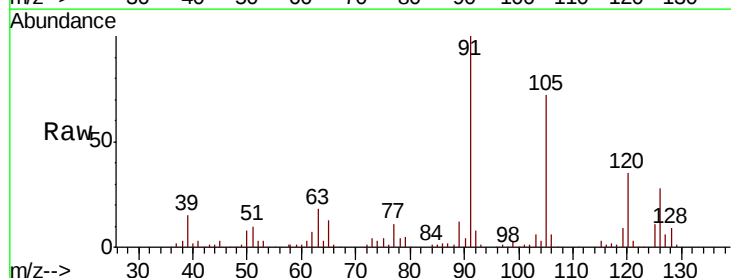
Acq: 30 Jul 2020 11:37

Tgt Ion:126 Resp: 77619

Ion Ratio Lower Upper

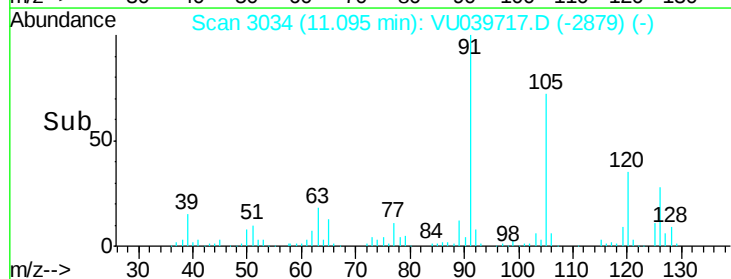
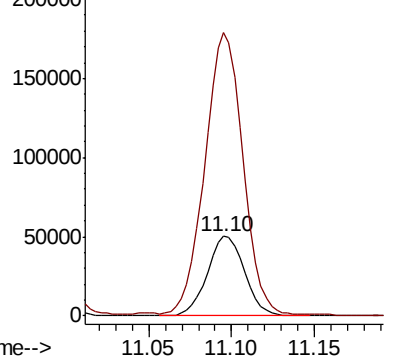
126 100

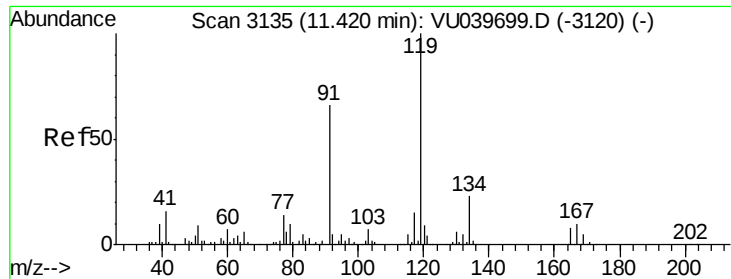
91 368.6 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 10.832 ug/l

RT: 11.42 min Scan# 3135

Delta R.T. -0.00 min

Lab File: VU039717.D

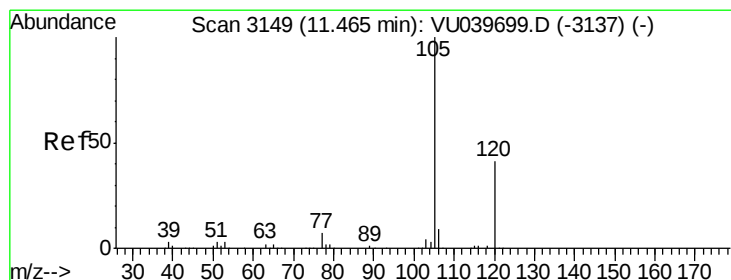
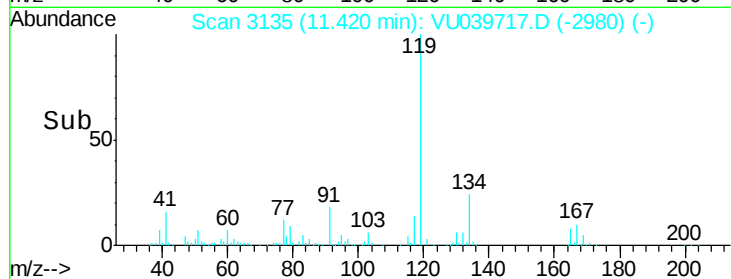
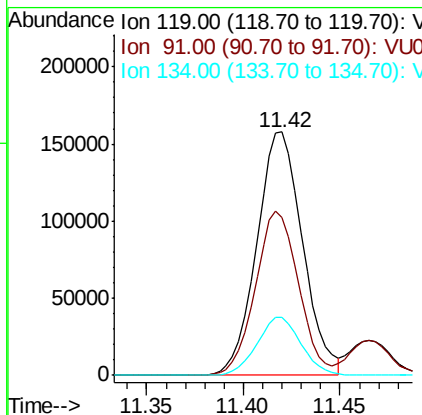
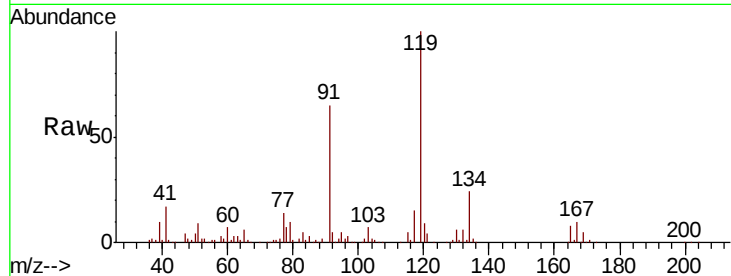
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	259752		
91	63.5		31.9	95.5
134	23.1		18.2	27.4

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#78

1,2,4-Trimethylbenzene

Concen: 11.168 ug/l

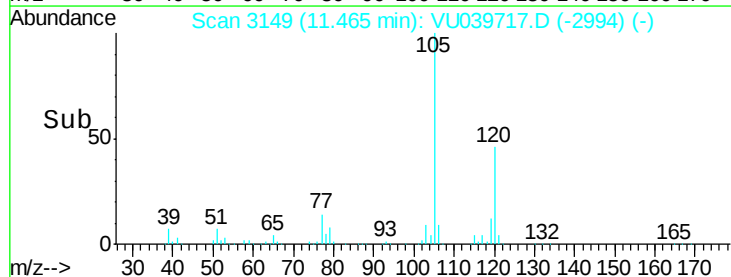
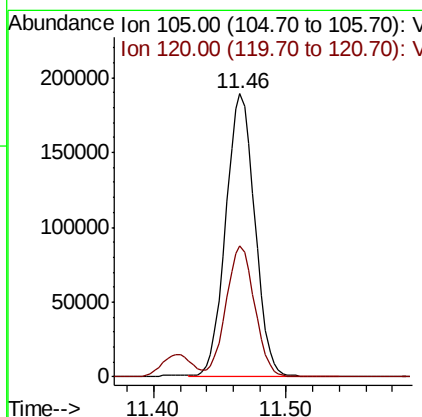
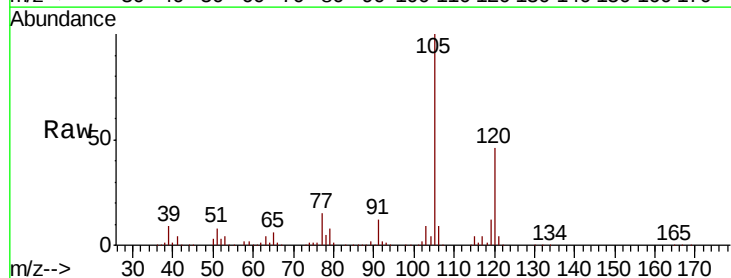
RT: 11.46 min Scan# 3149

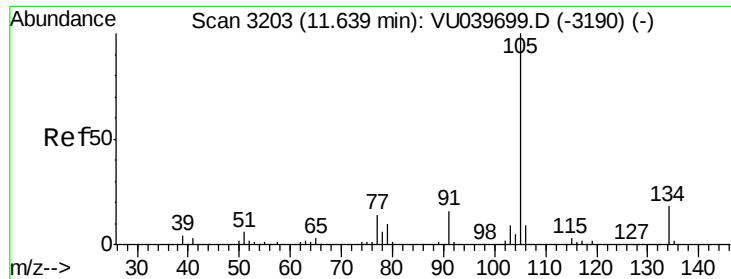
Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	286315		
120	45.9		22.7	68.0





#79

sec-Butylbenzene

Concen: 11.133 ug/l

RT: 11.64 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 379989

Ion Ratio Lower Upper

105 100

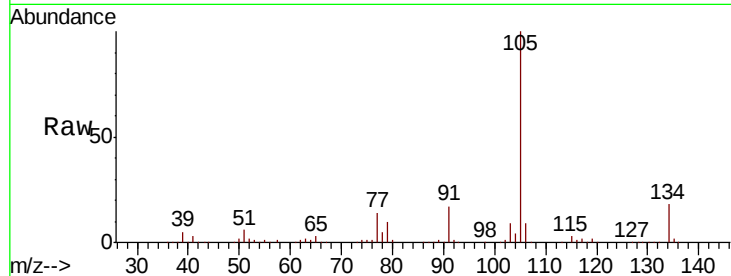
134 18.3 14.8 22.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.64

250000

200000

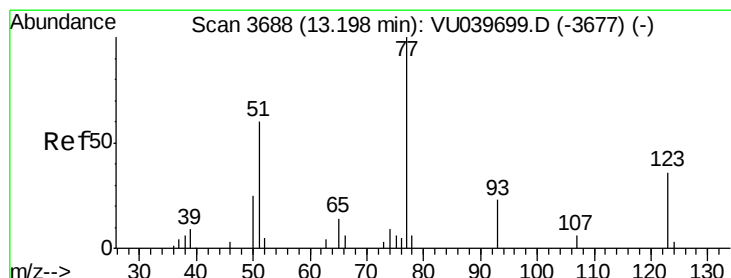
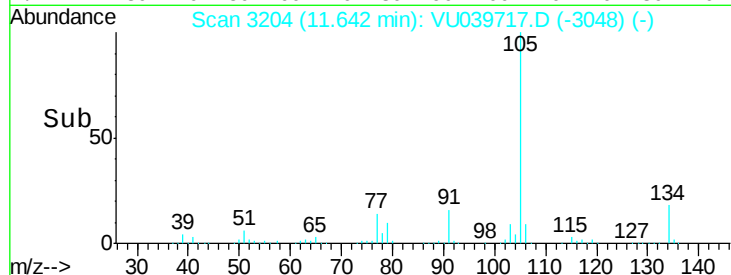
150000

100000

50000

0

Time-->



#80

Nitrobenzene

Concen: 52.669 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

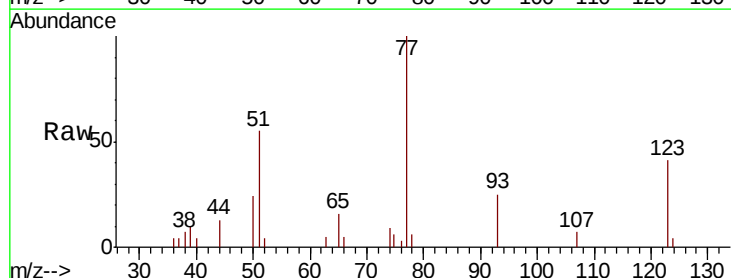
Tgt Ion: 77 Resp: 6541

Ion Ratio Lower Upper

77 100

123 38.1 16.9 59.9

65 16.1 14.4 18.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

13.20

4000

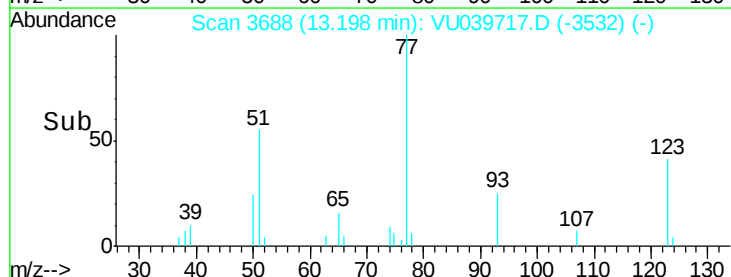
3000

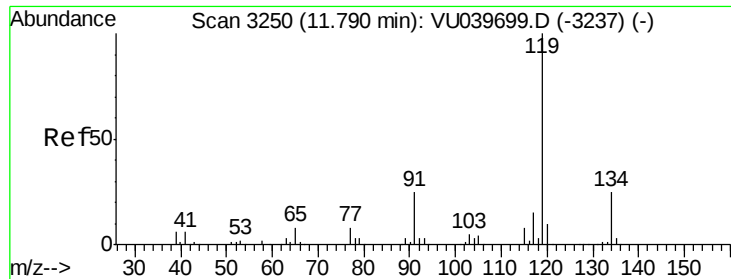
2000

1000

0

Time-->





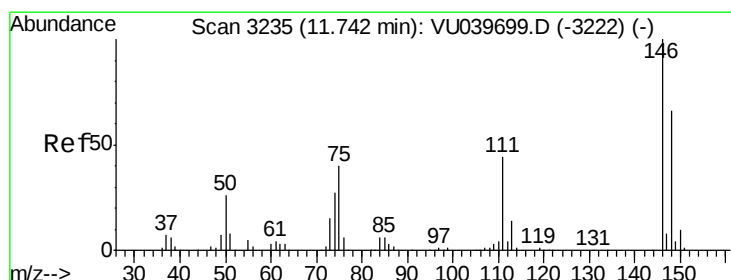
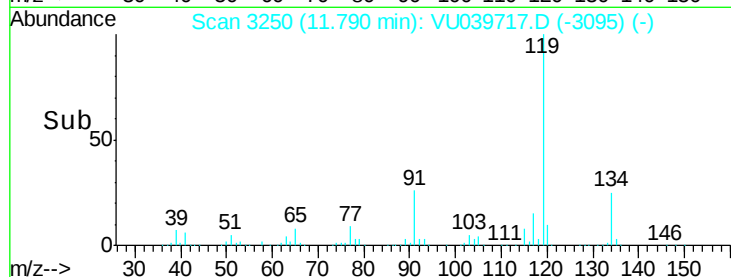
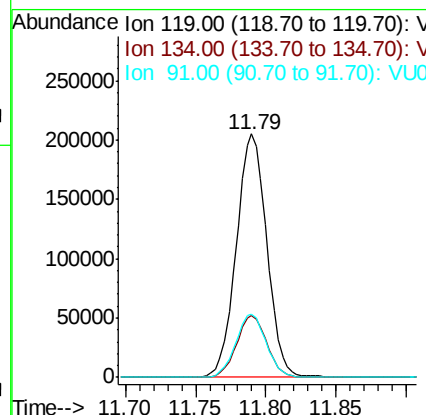
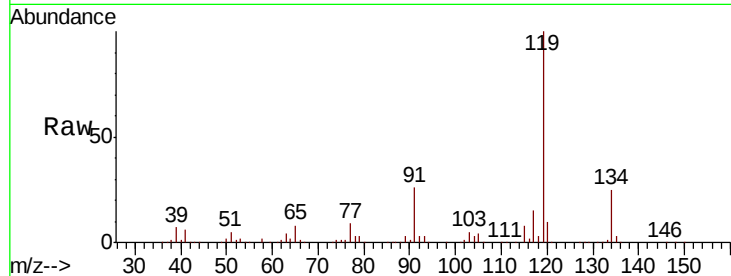
#81
 p-Isopropyltoluene
 Concen: 11.218 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.2	30.4
91	25.7	20.7	31.1

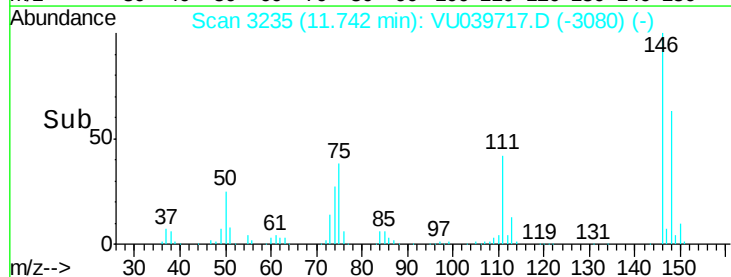
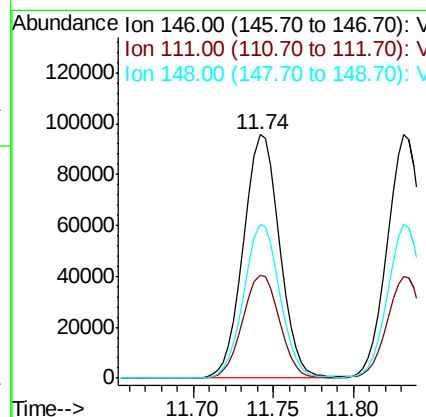
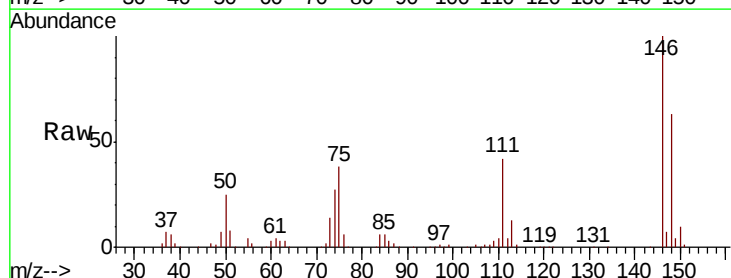
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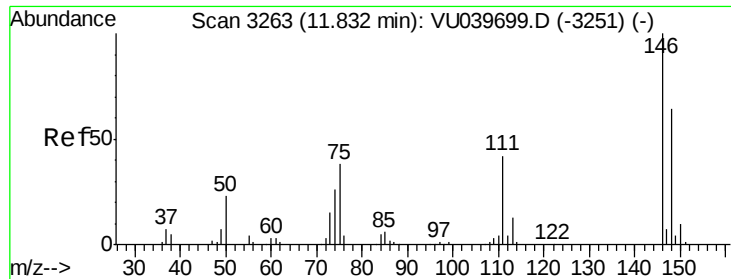
sam
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#82
 1,3-Dichlorobenzene
 Concen: 10.463 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	34.5	51.7
148	62.9	51.4	77.0





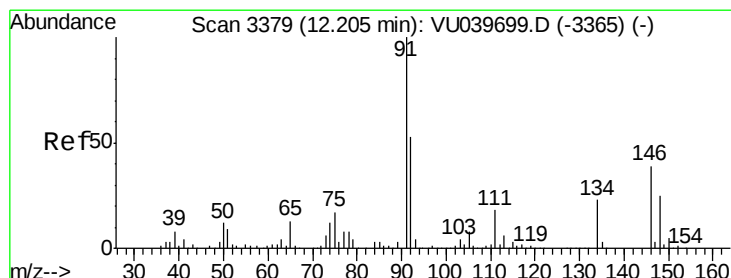
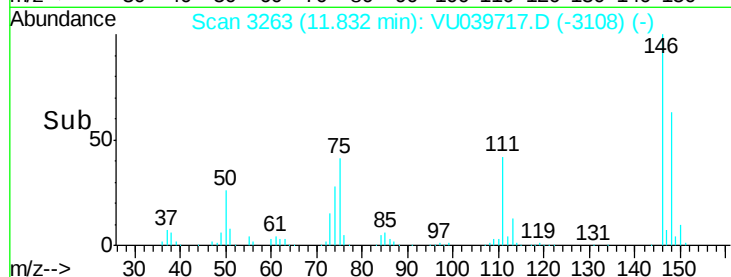
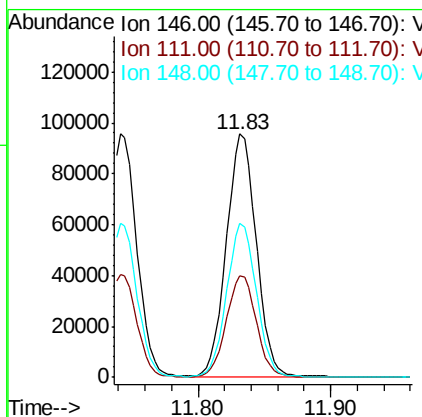
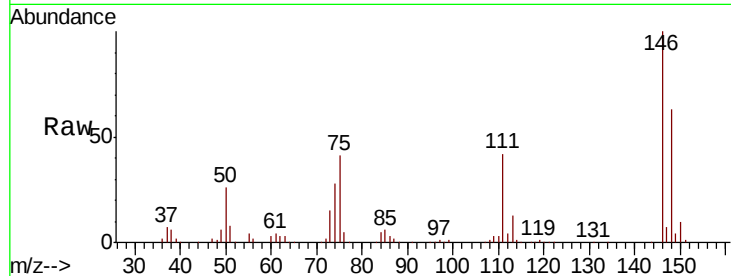
#83
 1,4-Dichlorobenzene
 Concen: 10.520 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	33.8	50.6
148	62.8	51.1	76.7

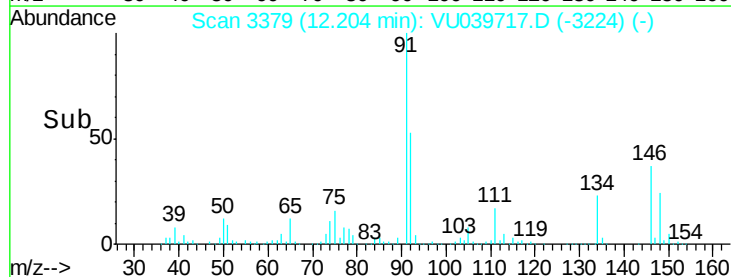
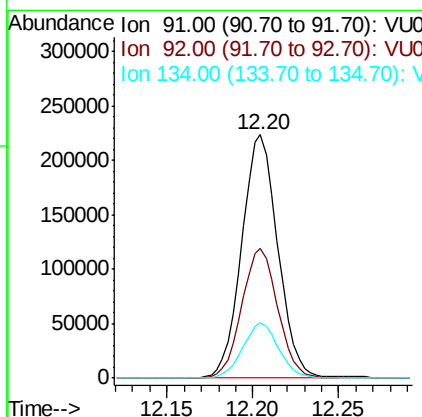
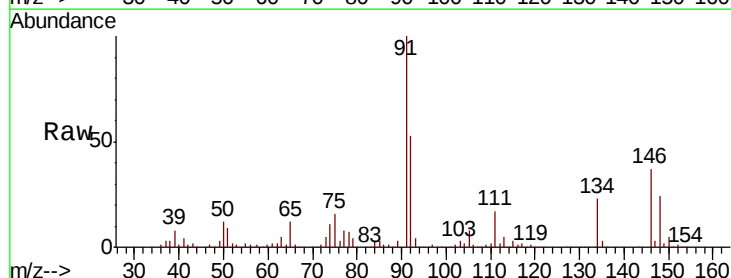
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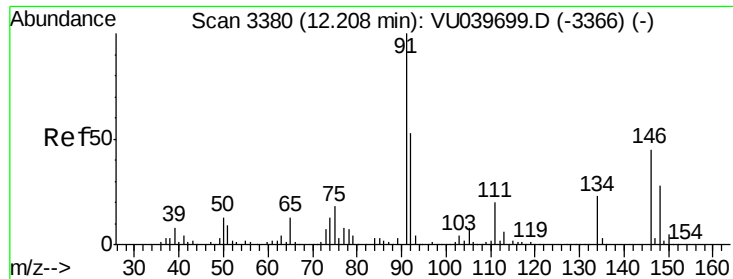
sam
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#84
 n-Butylbenzene
 Concen: 11.168 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	42.6	64.0
134	22.6	18.2	27.4





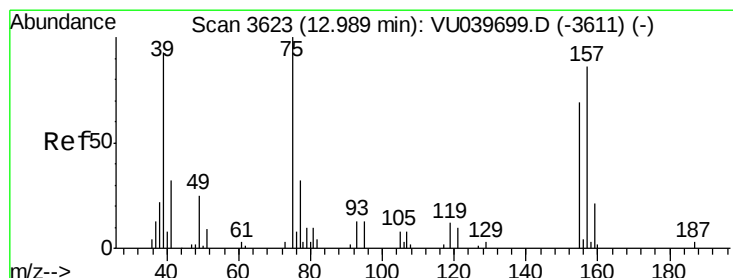
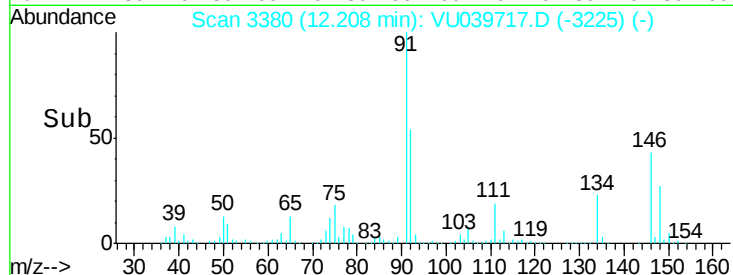
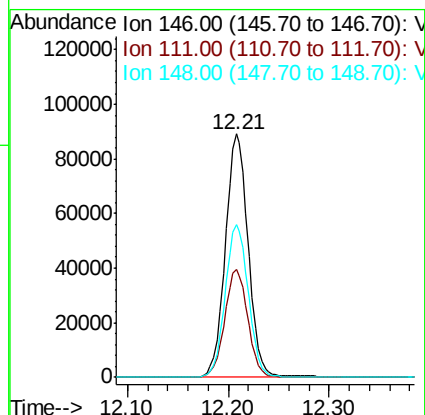
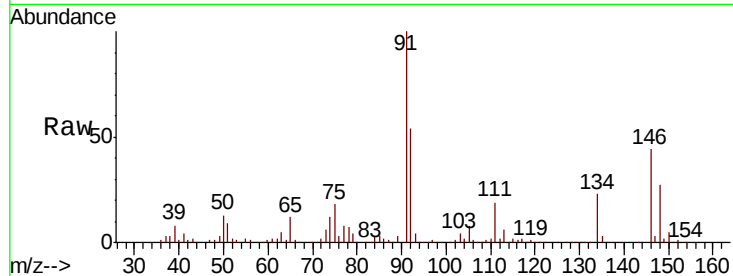
#85
 1,2-Dichlorobenzene
 Concen: 10.371 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	141285		
111	44.8	22.8	68.3	
148	63.5	31.7	95.1	

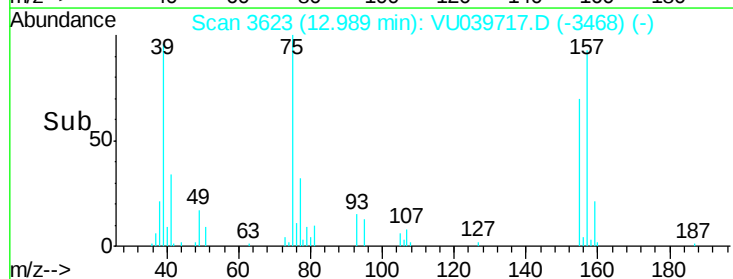
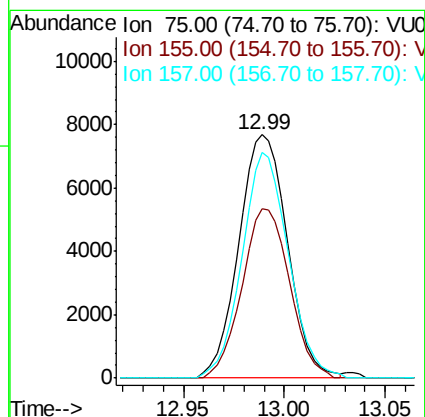
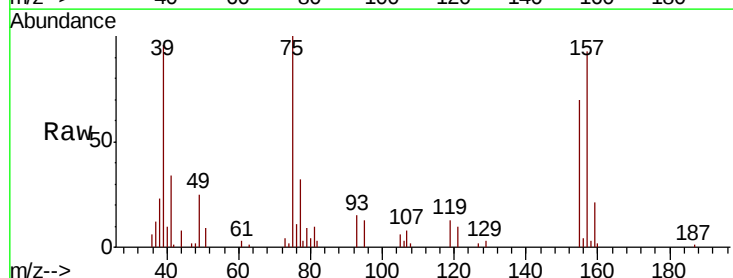
Manual Integrations
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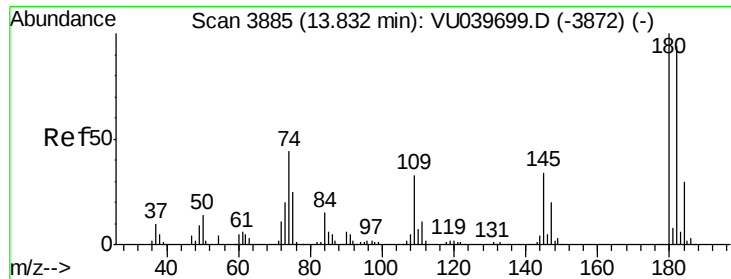
sam
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.522 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13008		
155	67.9	52.9	79.3	
157	88.3	67.8	101.6	





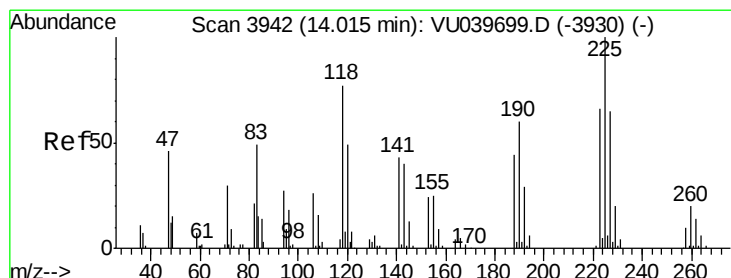
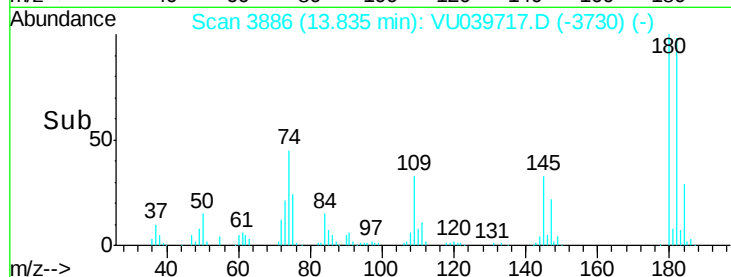
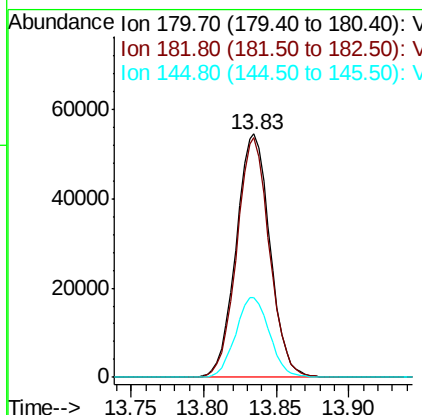
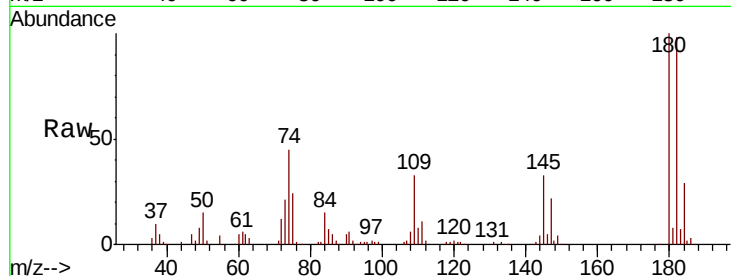
#87
 1,2,4-Trichlorobenzene
 Concen: 10.378 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.2	114.4
145	32.8	26.8	40.2

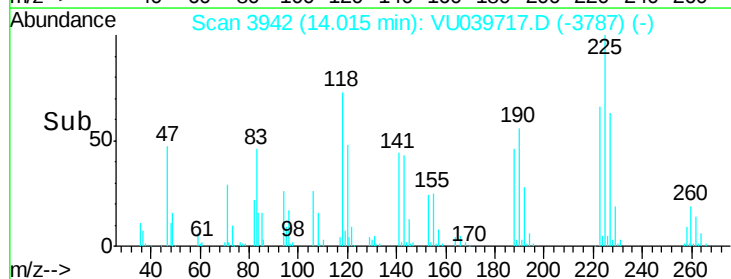
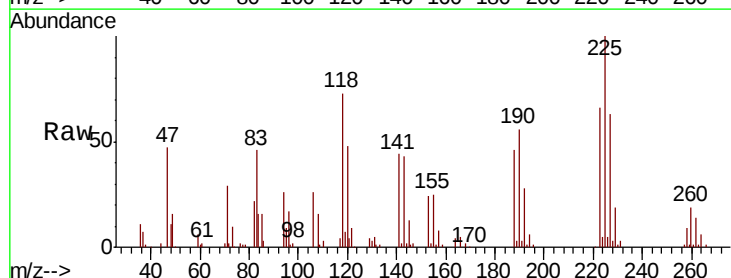
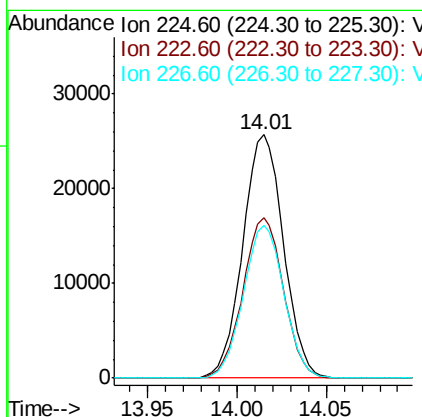
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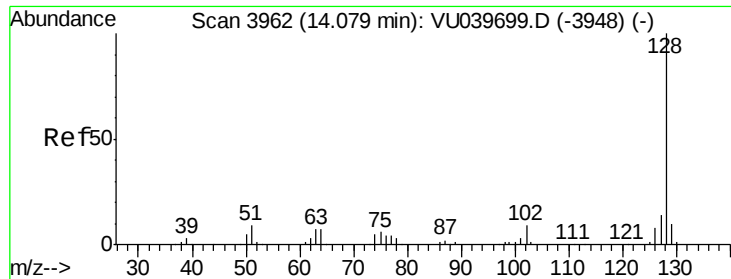
sam
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#88
 Hexachlorobutadiene
 Concen: 10.574 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	52.4	78.6
227	62.5	50.7	76.1





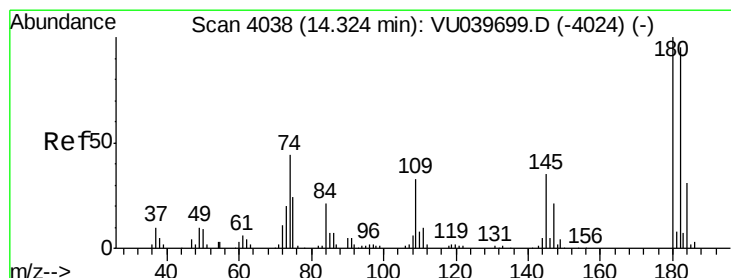
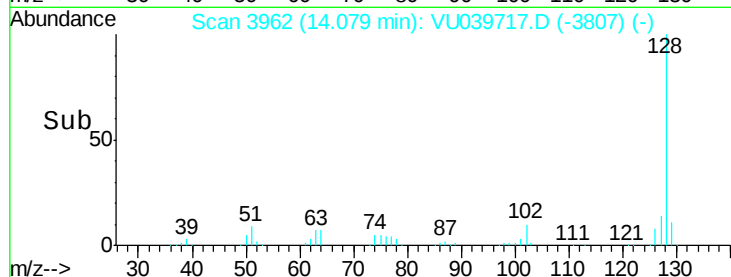
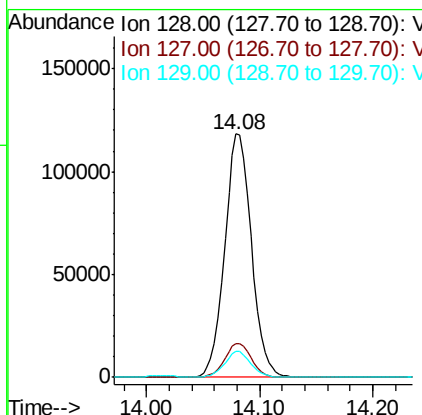
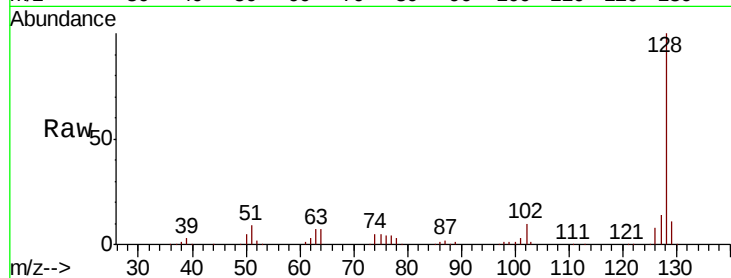
#89
Naphthalene
Concen: 10.648 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.4
129	10.5	8.4	12.6

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#90
1,2,3-Trichlorobenzene
Concen: 10.356 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	34.5	27.8	41.6

