

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090920\
 Data File : VU040060.D
 Acq On : 09 Sep 2020 11:29
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 4:47:07 PM

Quant Time: Sep 10 04:00:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	27683	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	11151	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10375	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	16495	1.771	ug/l	92
3) Chloromethane	1.53	50	16708	1.466	ug/l	97
4) Vinyl Chloride	1.61	62	16452	1.559	ug/l	99
5) Bromomethane	1.86	94	13261	1.825	ug/l	92
6) Chloroethane	1.94	64	10937	1.503	ug/l	95
7) Trichlorofluoromethane	2.15	101	24968	1.754	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	13800	1.689	ug/l	97
9) 1,1-Dichloroethene	2.59	96	12406	1.671	ug/l	93
10) Iodomethane	2.74	142	8518	1.152	ug/l	94
11) Allyl Chloride	2.94	41	22895	1.446	ug/l	97
12) Acrylonitrile	3.33	53	7660	2.934	ug/l	98
13) Acetone	2.64	43	18928	7.695	ug/l	95
14) Carbon Disulfide	2.81	76	32348	1.227	ug/l	96
15) Methylene Chloride	3.06	84	17324	1.660	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	13163	1.561	ug/l	93
17) 1,1-Dichloroethane	3.89	63	28996	1.578	ug/l	98
18) 2-Butanone	4.73	43	27099	6.659	ug/l	99
19) Cyclohexane	5.40	56	23376m	1.332	ug/l	
20) Methylcyclohexane	6.77	83	20708	1.558	ug/l	97
21) 2,2-Dichloropropane	4.68	77	25407	1.663	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	14894	1.629	ug/l	96
23) Diethyl Ether	2.39	59	11035	1.466	ug/l	98
24) tert-Butyl Alcohol	3.20	59	14000	10.236	ug/l	99
25) Methyl tert-Butyl Ether	3.38	73	39609	1.632	ug/l	95
26) Bromochloromethane	4.99	128	6756	1.788	ug/l	98
27) Chloroform	5.11	83	27369	1.570	ug/l	94
28) 1,1,1-Trichloroethane	5.33	97	24941	1.748	ug/l	98
29) 1,1-Dichloropropene	5.54	75	20288	1.500	ug/l	97
30) Carbon Tetrachloride	5.54	117	22495	1.897	ug/l	99
31) Isopropyl Ether	4.02	45	48628	1.457	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	43397	1.513	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	37142	1.748	ug/l	99
34) Propionitrile	4.80	54	7228	7.183	ug/l #	94
35) Benzene	5.79	78	59934	1.759	ug/l	99
36) 1,2-Dichloroethane	5.81	62	22547	1.760	ug/l	99
37) Trichloroethene	6.55	130	15088	1.915	ug/l	98
38) 1,2-Dichloropropane	6.81	63	16852	1.799	ug/l	97
39) Methacrylonitrile	5.00	41	7859	1.470	ug/l	89
40) Methyl acrylate	4.87	55	9931	1.453	ug/l #	96
41) Tetrahydrofuran	5.08	42	7681	2.883	ug/l	92
42) 1-Chlorobutane	5.47	56	30618	1.452	ug/l	99

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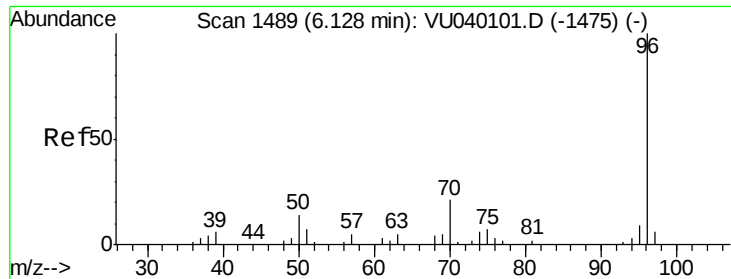
Manual Integrations
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 9/17/2020 4:47:07 PM

Quant Time: Sep 10 04:00:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	10090	1.973	ug/l	96
44) Bromodichloromethane	7.12	83	23296	1.990	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	62829	8.247	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	9941m	4.116	ug/l	
47) Methyl methacrylate	6.98	69	16220	3.451	ug/l	94
48) Ethyl methacrylate	8.34	69	13794	1.595	ug/l	99
49) Toluene	7.98	92	35010	1.739	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	20173	1.914	ug/l	90
51) cis-1,3-Dichloropropene	7.62	75	22785	1.847	ug/l	94
52) 1,1,2-Trichloroethane	8.41	97	12097	1.825	ug/l	95
53) 1,3-Dichloropropane	8.58	76	22212	1.760	ug/l	99
54) 2-Hexanone	8.69	43	44453	8.145	ug/l	97
55) Dibromochloromethane	8.82	129	14653	2.043	ug/l	97
56) 1,2-Dibromoethane	8.93	107	11700	1.850	ug/l	99
58) Tetrachloroethene	8.56	164	14588	2.077	ug/l	98
59) Chlorobenzene	9.45	112	38234	1.816	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.54	131	14271	1.982	ug/l	96
61) Pentachloroethane	11.43	117	10276	1.705	ug/l	93
62) Hexachloroethane	12.47	117	11664	2.007	ug/l	97
63) Ethyl Benzene	9.57	91	63201	1.688	ug/l	97
64) m/p-Xylenes	9.69	106	48997	3.365	ug/l	97
65) o-Xylene	10.10	106	23886	1.724	ug/l	100
66) Styrene	10.11	104	41568	1.743	ug/l	99
67) Bromoform	10.29	173	7353	2.011	ug/l	100
69) Isopropylbenzene	10.48	105	62569	1.684	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	17096	1.819	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	14367m	2.059	ug/l	
72) Bromobenzene	10.78	156	15521	1.833	ug/l	99
73) n-propylbenzene	10.91	120	17497	1.678	ug/l	95
74) 2-Chlorotoluene	10.98	126	15337	1.731	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	56425	1.755	ug/l	98
76) 4-Chlorotoluene	11.10	126	16872	1.834	ug/l	98
77) tert-Butylbenzene	11.42	119	51807	1.690	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	57989	1.761	ug/l	97
79) sec-Butylbenzene	11.64	105	76218	1.738	ug/l	100
80) Nitrobenzene	13.20	77	3037	15.365	ug/l #	93
81) p-Isopropyltoluene	11.79	119	60421	1.712	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	33420	1.828	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	32843	1.782	ug/l	97
84) n-Butylbenzene	12.20	91	58999	1.574	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	33188	1.882	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2943	1.830	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	16777	1.533	ug/l	95
88) Hexachlorobutadiene	14.01	225	10006	1.965	ug/l	100
89) Naphthalene	14.08	128	31748	1.364	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	15857	1.534	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 96 Resp: 27683

Ion Ratio Lower Upper

96 100

70 20.5 17.1 25.7

95 9.1 7.6 11.4

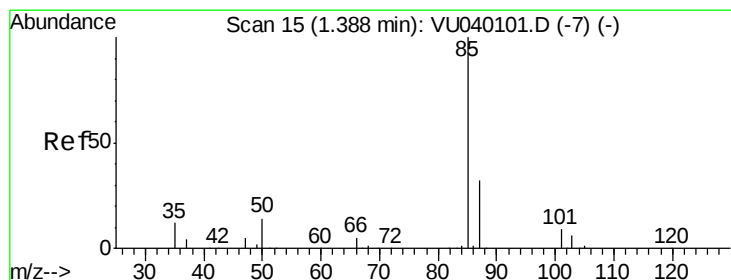
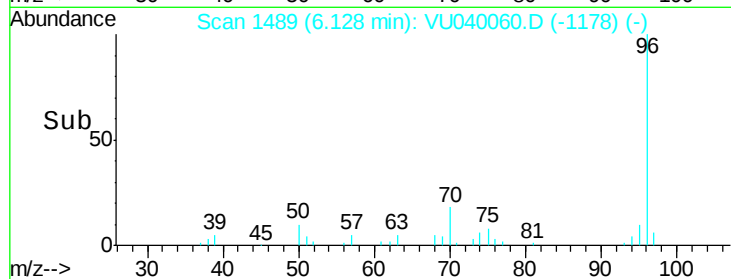
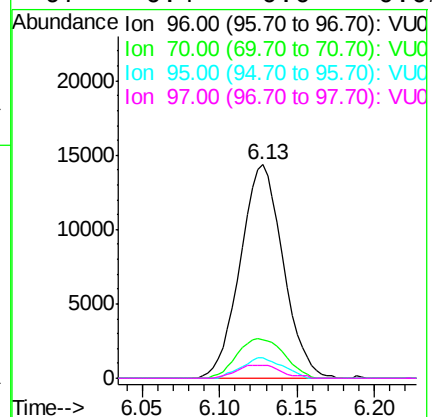
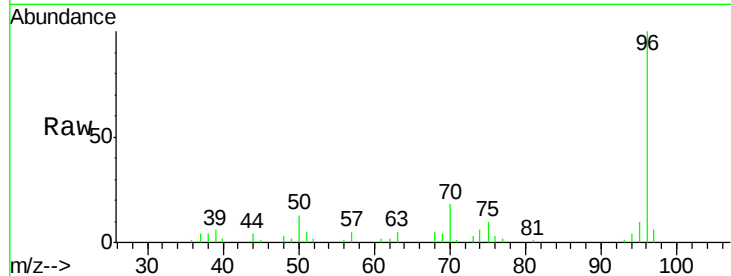
97 6.4 0.0 0.0#

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#2

Dichlorodifluoromethane

Concen: 1.771 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040060.D

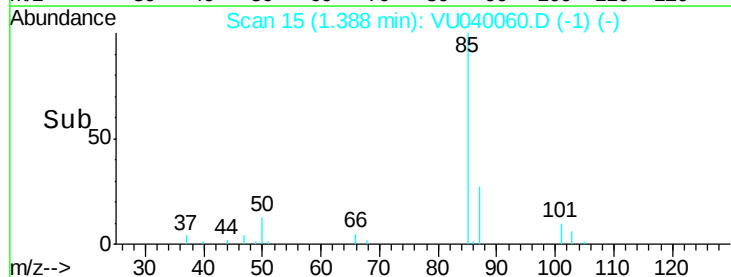
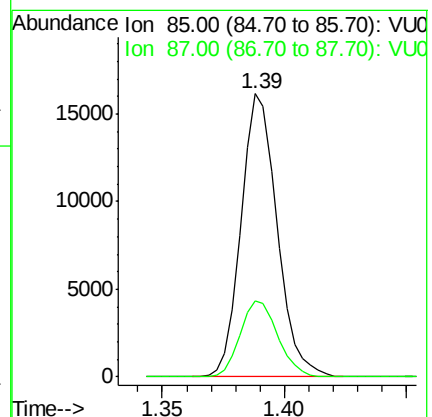
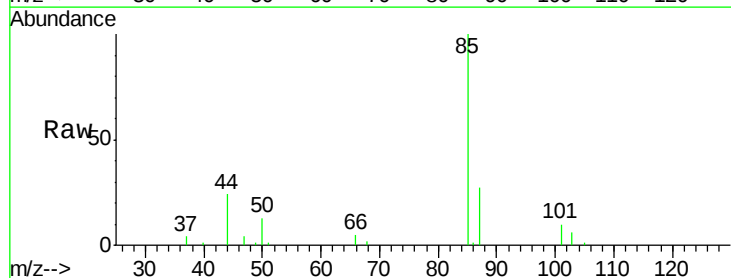
Acq: 09 Sep 2020 11:29

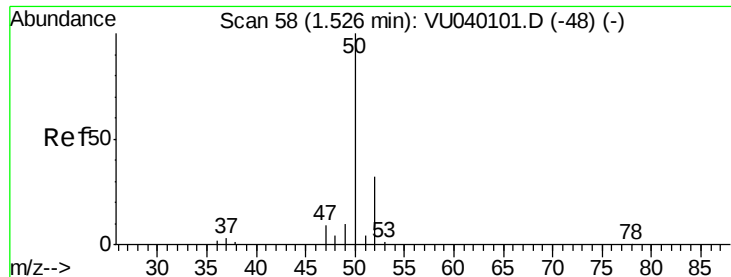
Tgt Ion: 85 Resp: 16495

Ion Ratio Lower Upper

85 100

87 27.0 15.6 46.8





#3

Chloromethane

Concen: 1.466 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 50 Resp: 16708

Ion Ratio Lower Upper

50 100

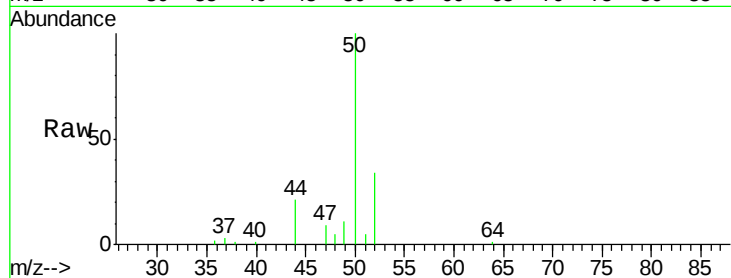
52 33.9 25.9 38.9

Manual Integrations

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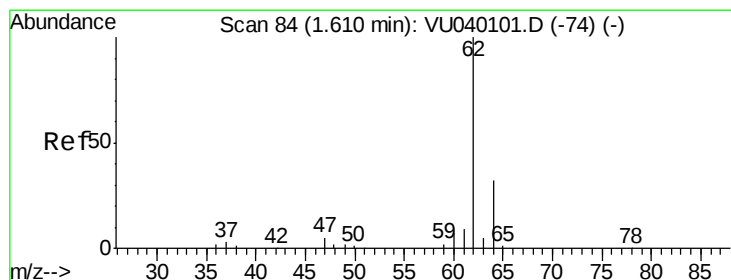
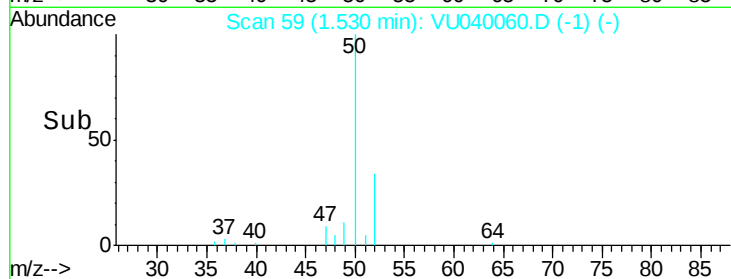
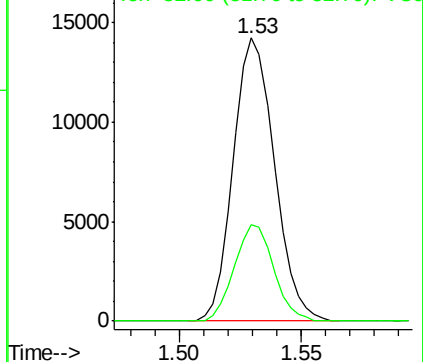
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.559 ug/l

RT: 1.61 min Scan# 85

Delta R.T. 0.00 min

Lab File: VU040060.D

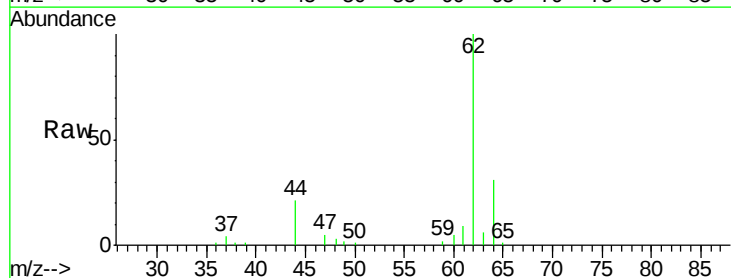
Acq: 09 Sep 2020 11:29

Tgt Ion: 62 Resp: 16452

Ion Ratio Lower Upper

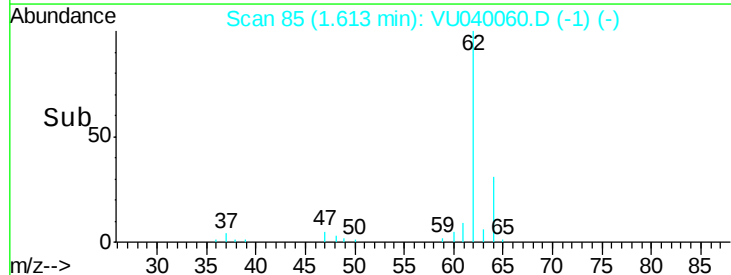
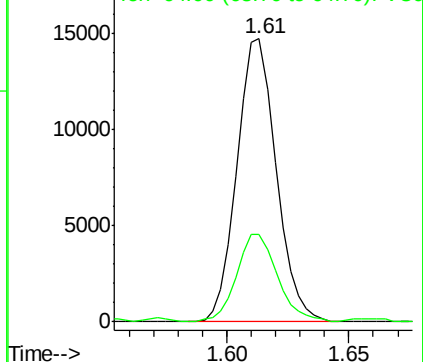
62 100

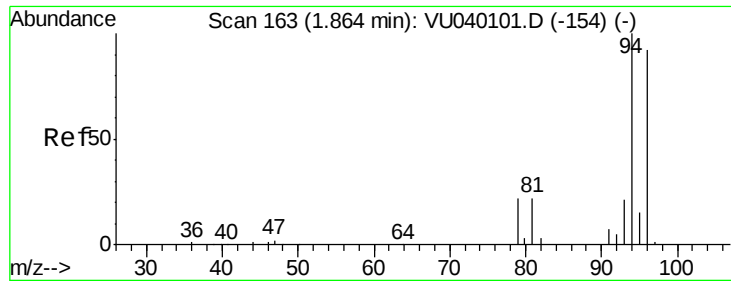
64 30.9 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.825 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 94 Resp: 13261

Ion Ratio Lower Upper

94 100

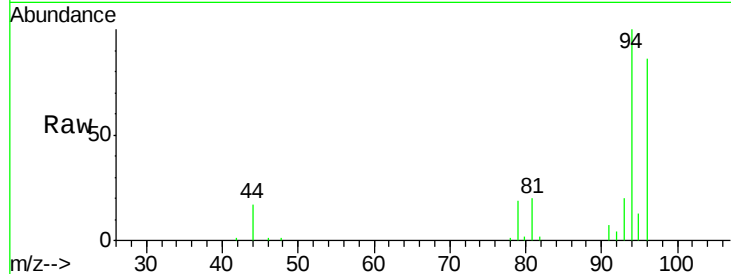
96 86.3 75.4 113.2

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU040101.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU040101.D (-154) (-)

12000

10000

8000

6000

4000

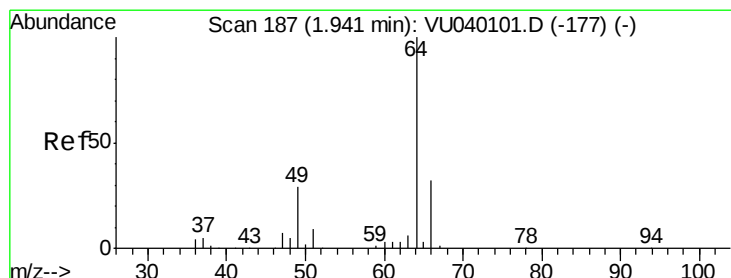
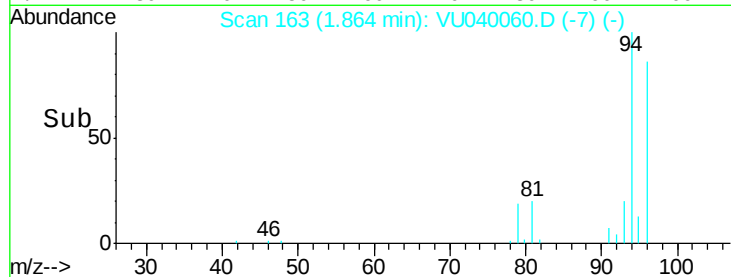
2000

0

1.86

1.80 1.85 1.90

Time-->



#6

Chloroethane

Concen: 1.503 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040060.D

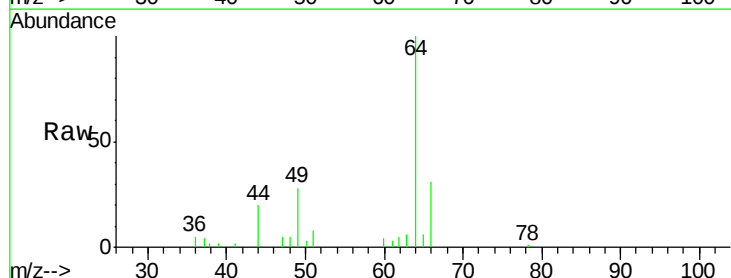
Acq: 09 Sep 2020 11:29

Tgt Ion: 64 Resp: 10937

Ion Ratio Lower Upper

64 100

66 30.7 26.7 40.1



Abundance Ion 64.00 (63.70 to 64.70): VU040101.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040101.D (-177) (-)

8000

6000

4000

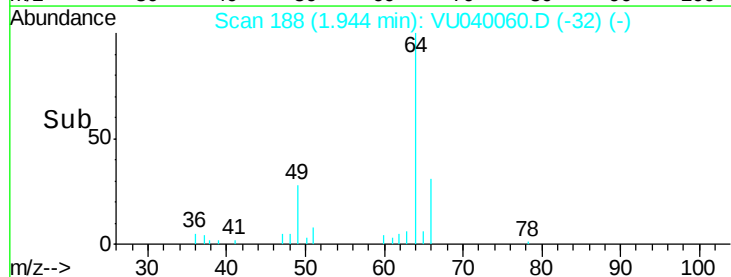
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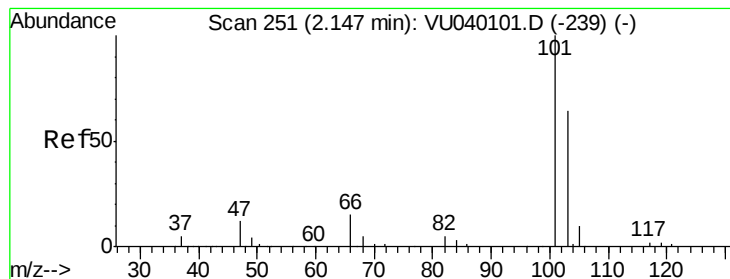
0

1.94

1.90 1.95 2.00

Time-->





#7

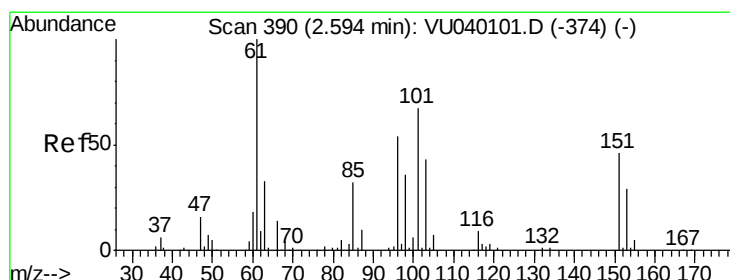
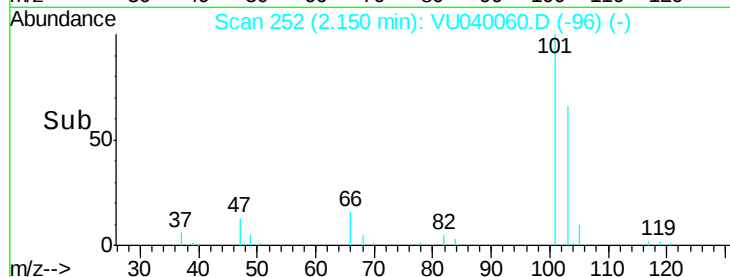
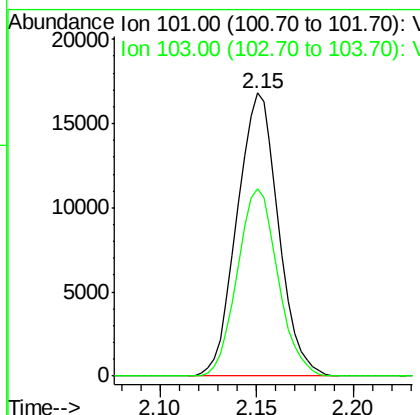
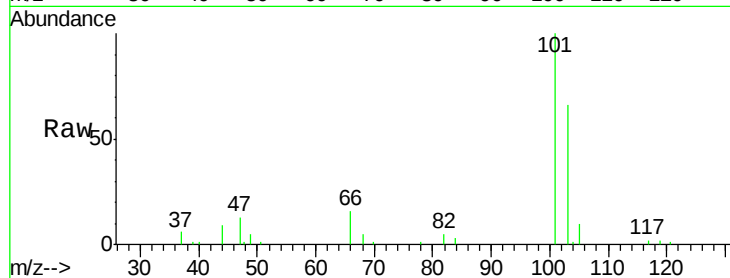
Trichlorofluoromethane
 Concen: 1.754 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
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 VSTDIC002

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.8	76.2

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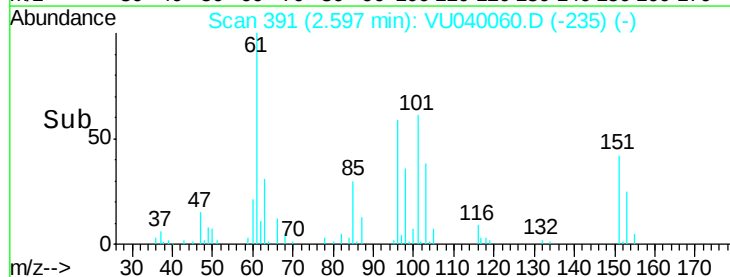
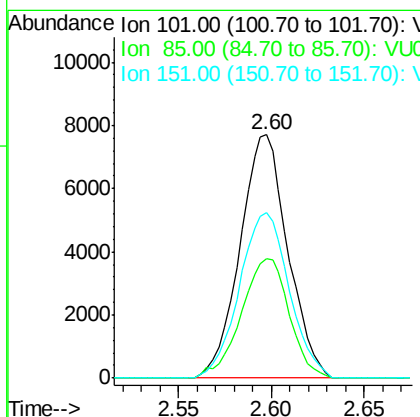
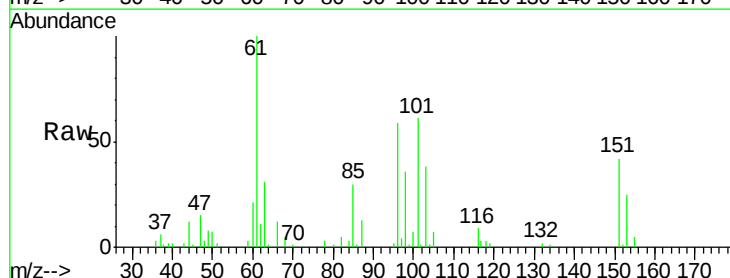
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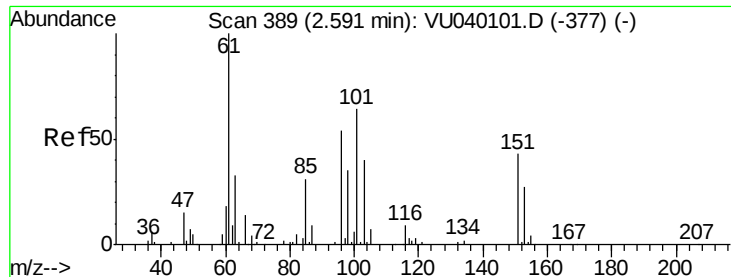


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.689 ug/l
 RT: 2.60 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
101	100		
85	49.2	38.5	57.7
151	70.9	54.6	81.8





#9

1,1-Dichloroethene

Concen: 1.671 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

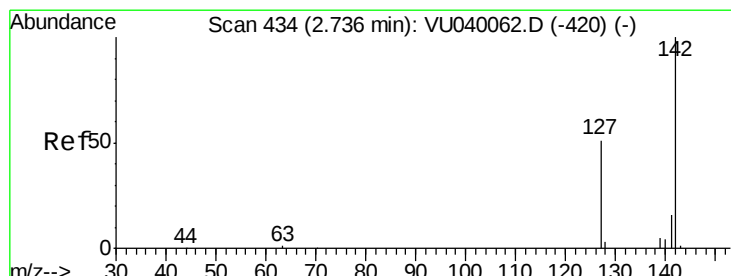
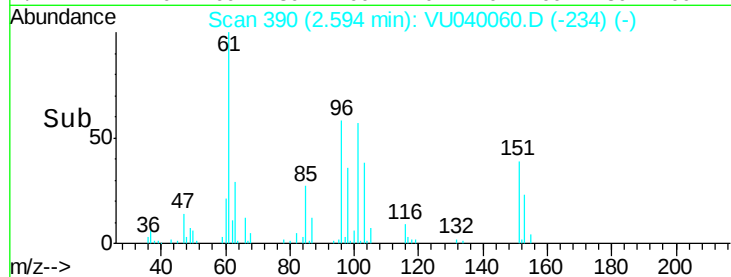
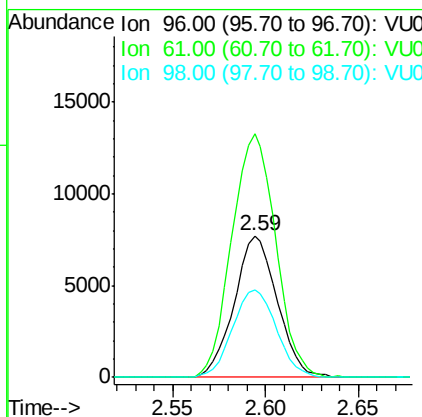
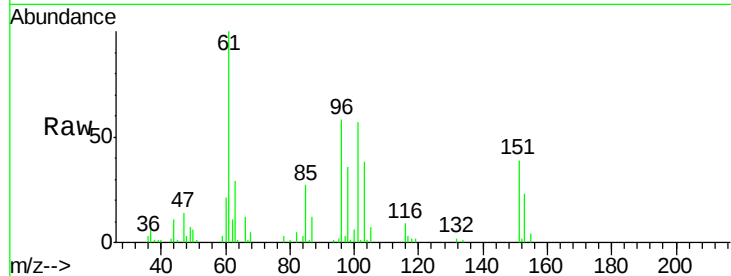
ClientSampleId :

VSTDIC002

Tot Ion:	96	Resp:	12406
Ion Ratio	Lower	Upper	
96	100		
61	172.2	0.0	557.1
98	62.1	0.0	125.6

Manual Integrations
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#10

Iodomethane

Concen: 1.152 ug/l

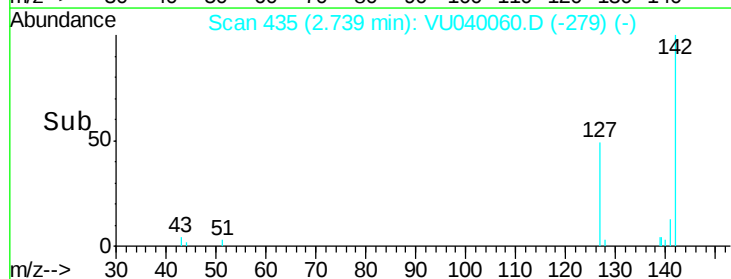
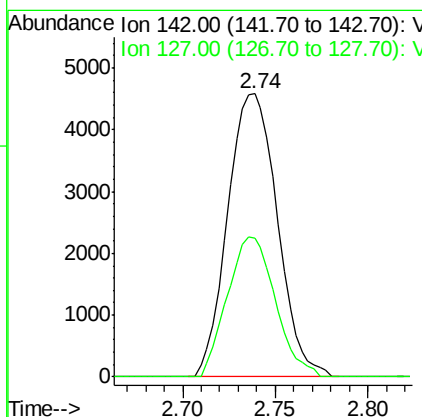
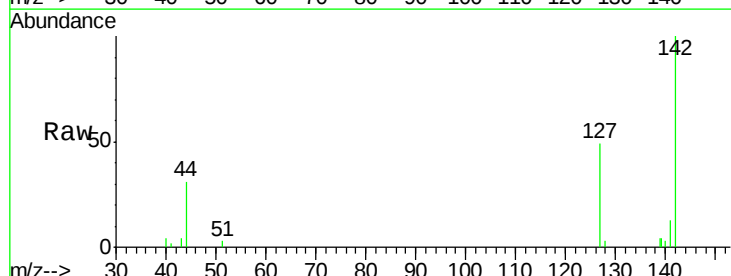
RT: 2.74 min Scan# 435

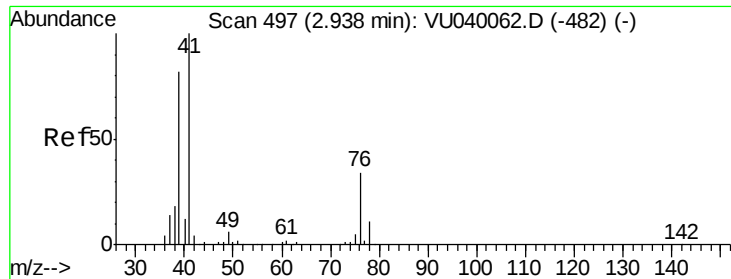
Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Tgt Ion:	142	Resp:	8518
Ion Ratio	Lower	Upper	
142	100		
127	47.7	41.4	62.0





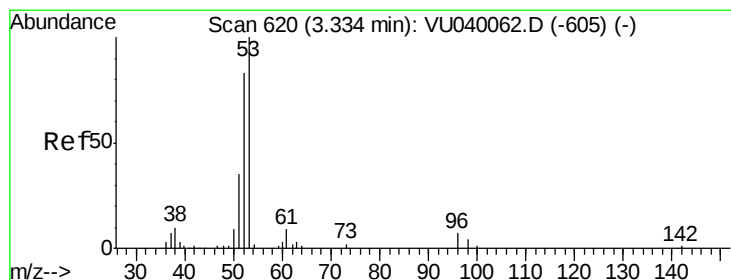
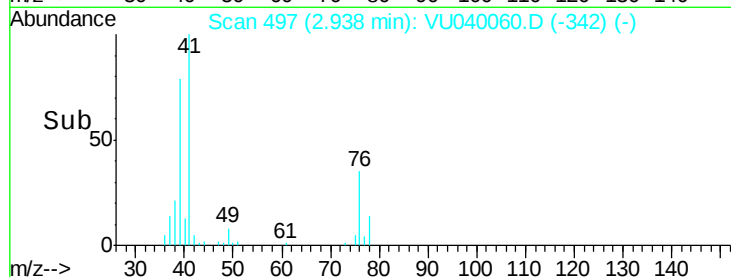
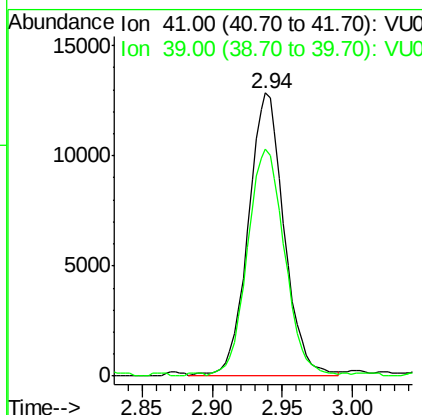
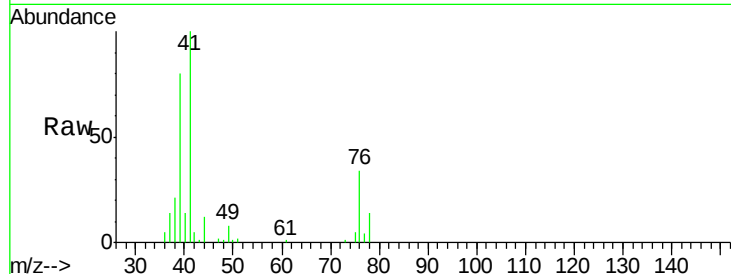
#11
Allvl Chloride
Concen: 1.446 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
41	100		
39	83.5	64.6	96.8

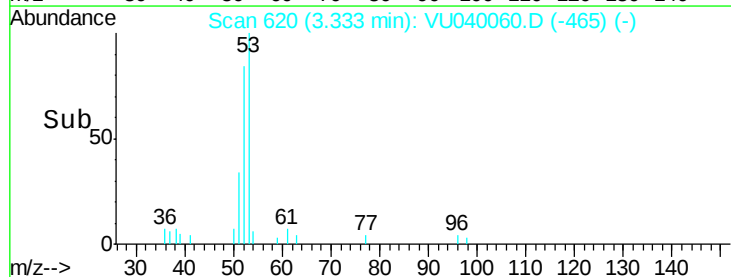
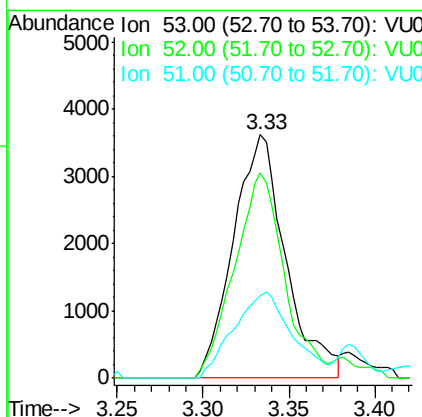
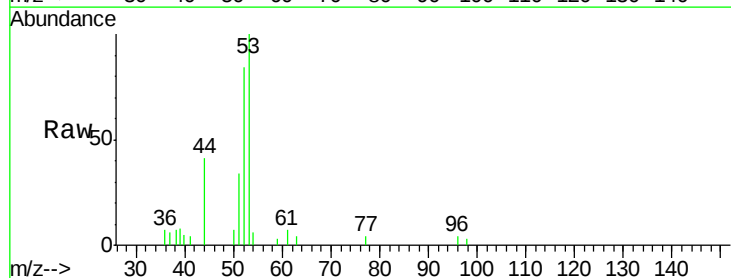
Manual Integrations
APPROVED

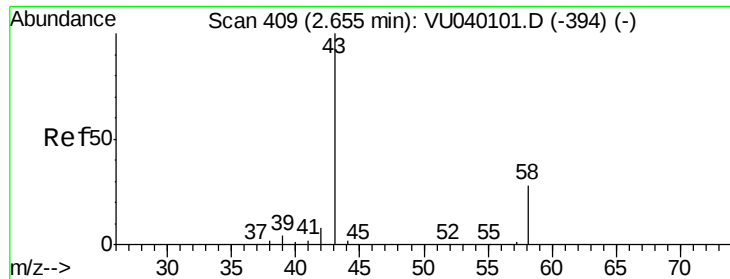
MMDadoda
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#12
Acrylonitrile
Concen: 2.934 ug/l
RT: 3.33 min Scan# 620
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.0	64.0	96.0
51	39.3	28.2	42.2





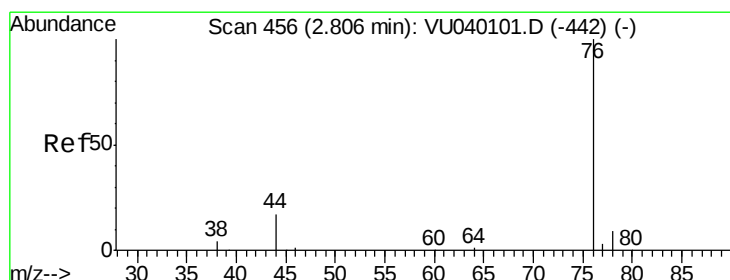
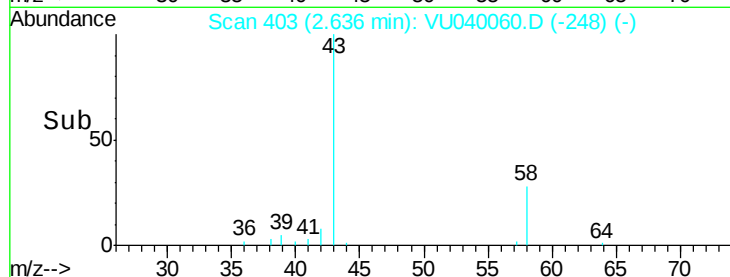
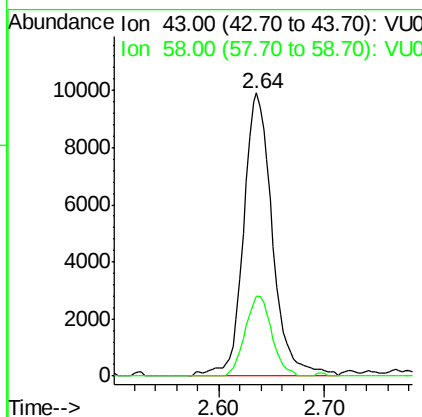
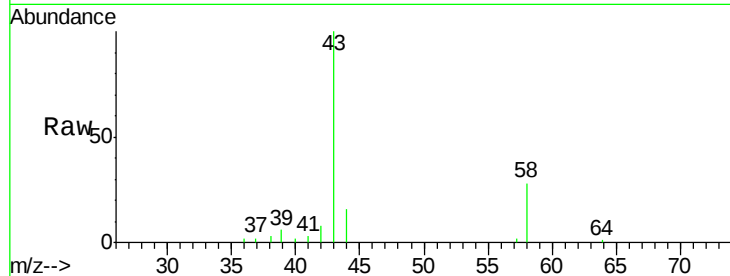
#13
Acetone
Concen: 7.695 ug/l
RT: 2.64 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 43 Resp: 18928
Ion Ratio Lower Upper
43 100
58 28.2 20.6 31.0

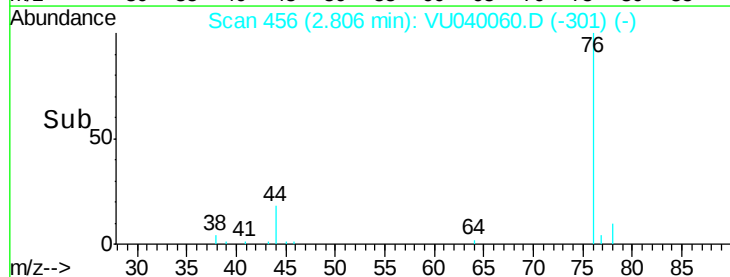
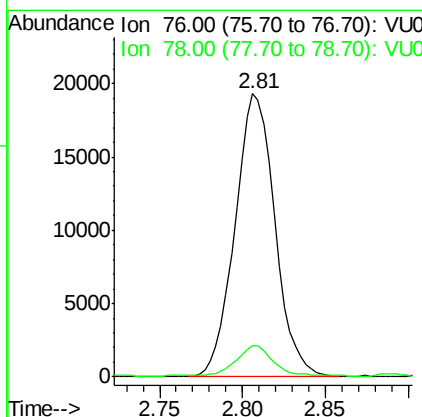
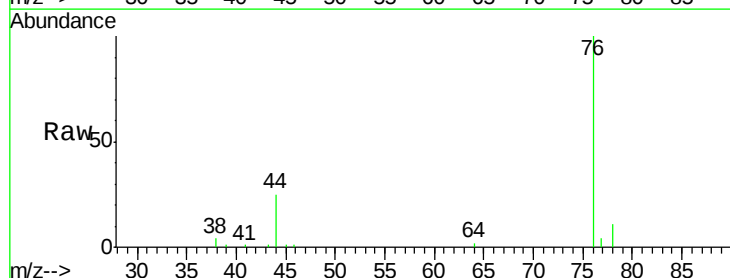
Manual Integrations
APPROVED

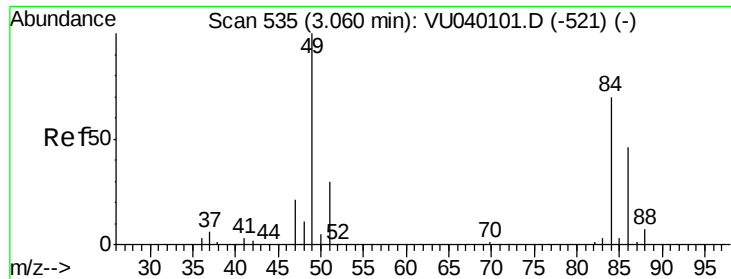
MMDadoda
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#14
Carbon Disulfide
Concen: 1.227 ug/l
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 76 Resp: 32348
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8





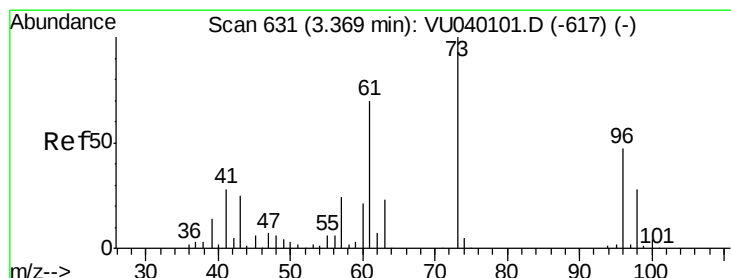
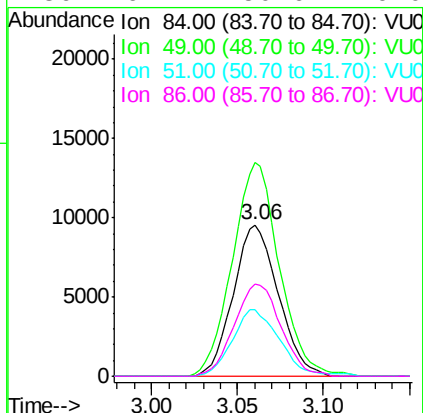
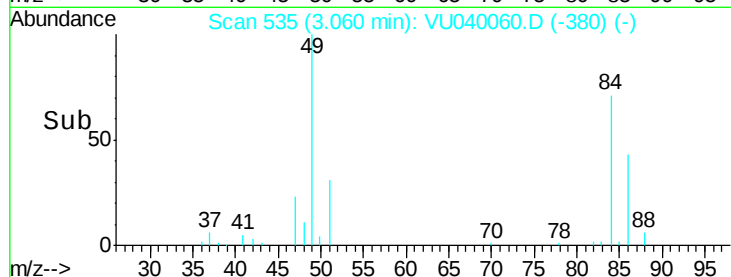
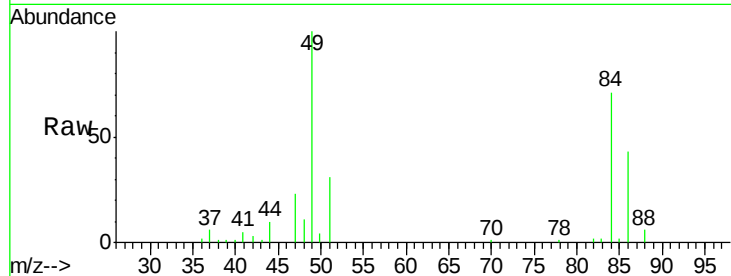
#15
Methvlene Chloride
Concen: 1.660 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:	84	Resp:	17324
Ion	Ratio	Lower	Upper
84	100		
49	141.3	114.3	171.5
51	43.7	0.0	84.6
86	61.2	50.6	76.0

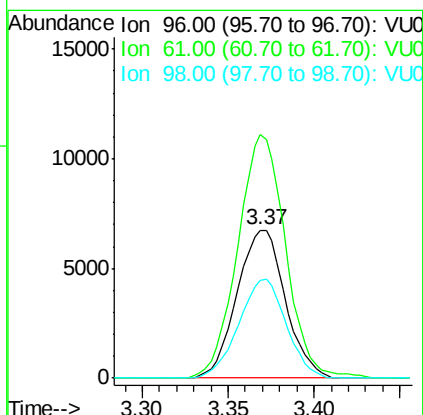
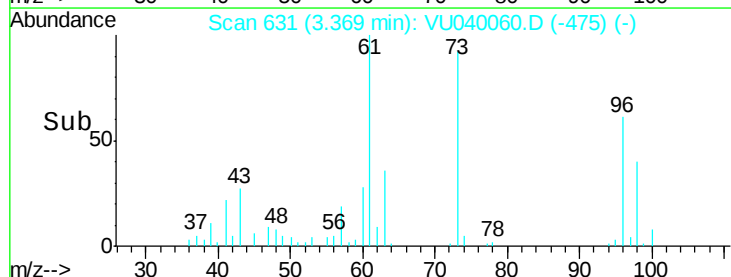
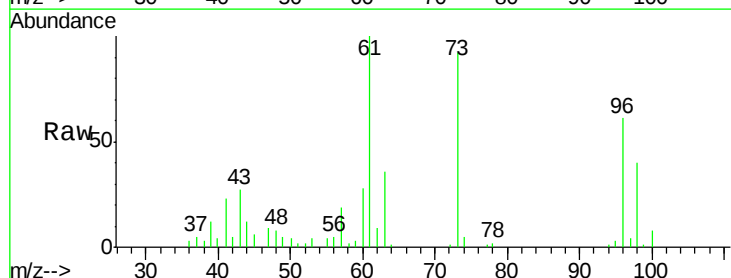
Manual Integrations
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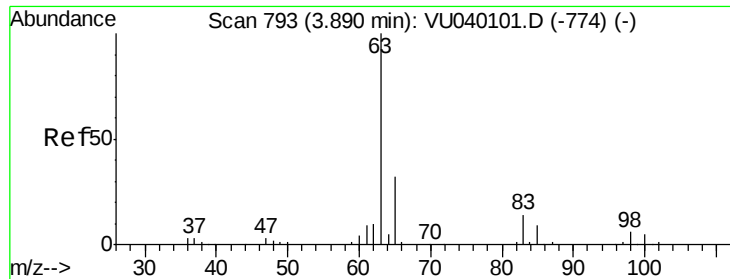
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#16
trans-1,2-Dichloroethene
Concen: 1.561 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion:	96	Resp:	13163
Ion	Ratio	Lower	Upper
96	100		
61	164.6	121.4	182.0
98	66.0	51.9	77.9





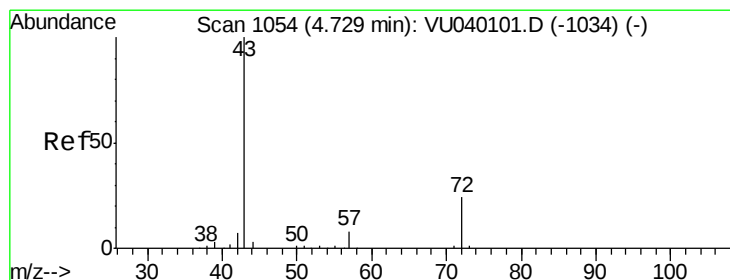
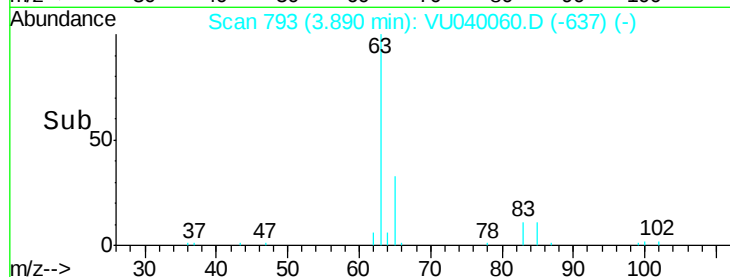
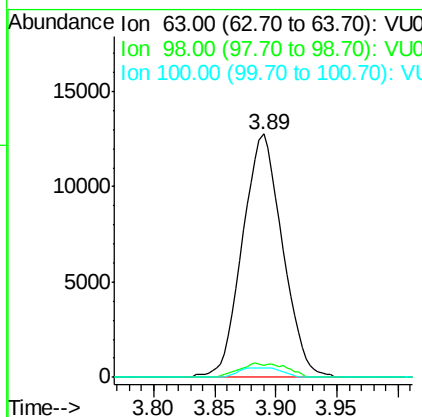
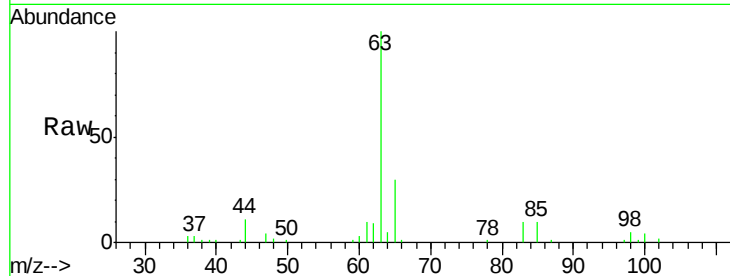
#17
 1,1-Dichloroethane
 Concen: 1.578 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:	63	Resp:	28996
Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.1	9.4
100	3.9	2.0	5.8

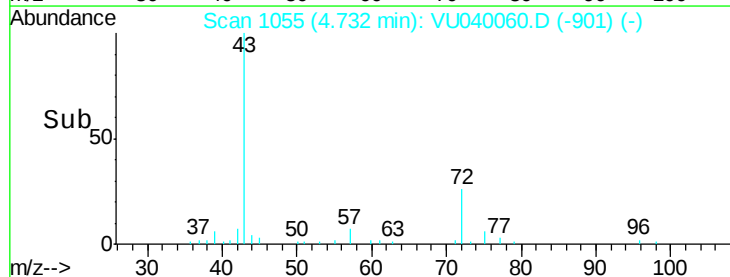
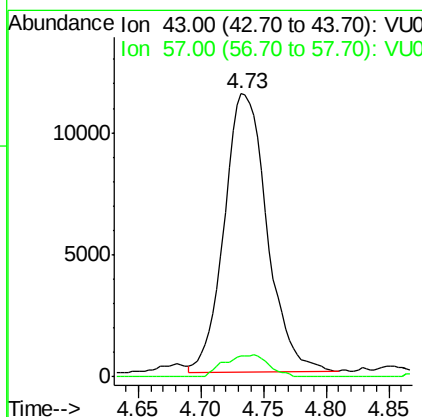
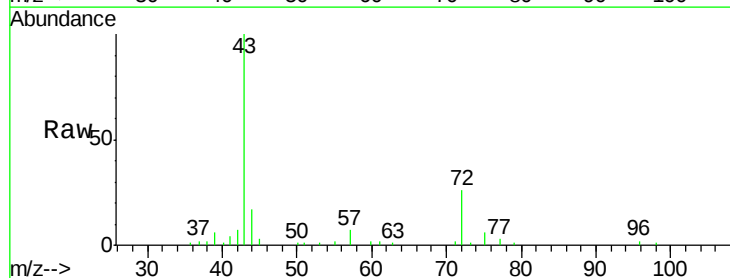
Manual Integrations
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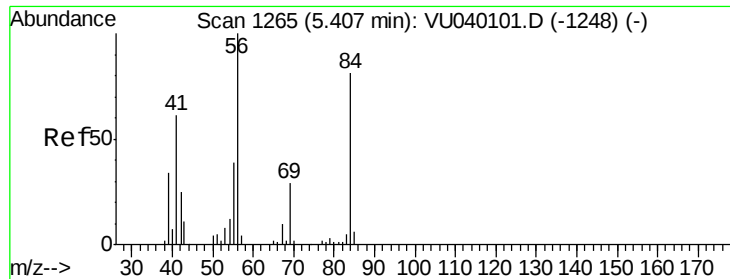
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#18
 2-Butanone
 Concen: 6.659 ug/l
 RT: 4.73 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:	43	Resp:	27099
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	15.2





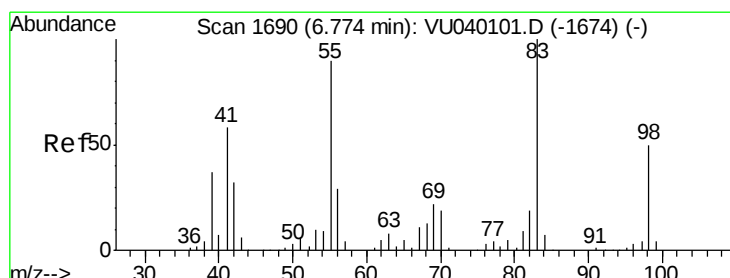
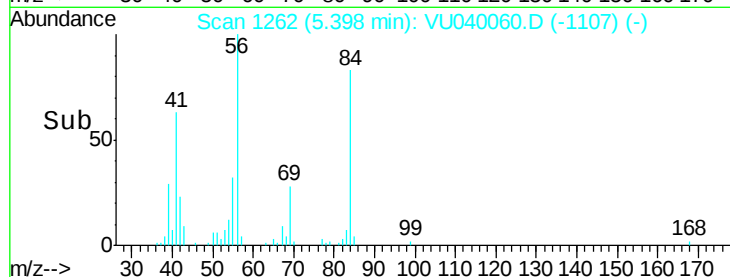
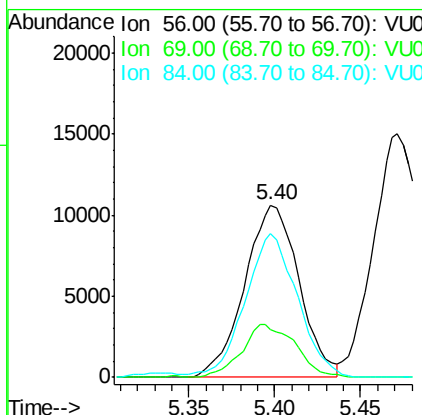
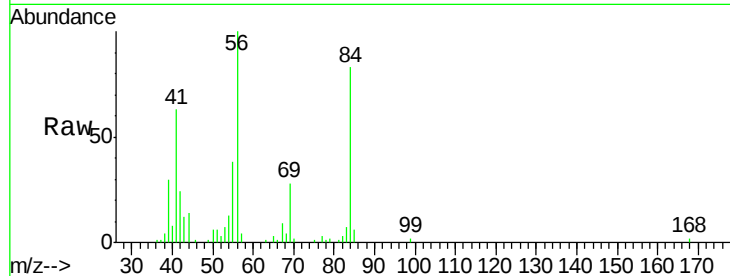
#19
Cyclohexane
Concen: 1.332 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.5	35.3
84	78.1	63.8	95.6

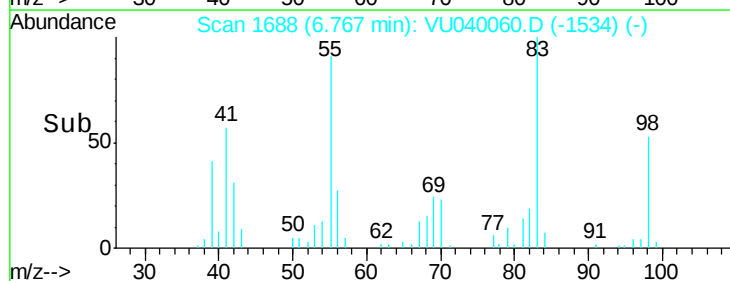
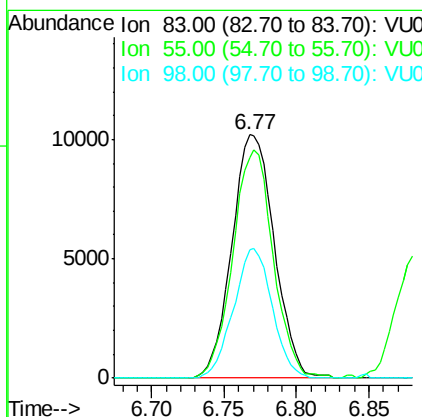
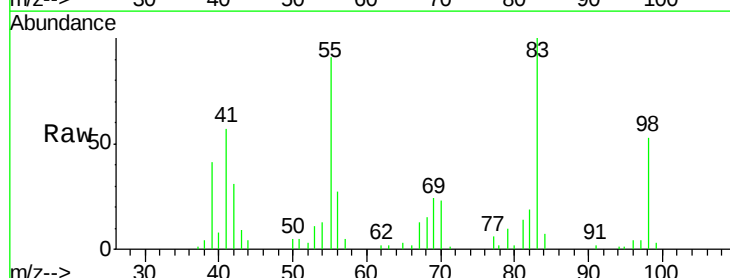
Manual Integrations
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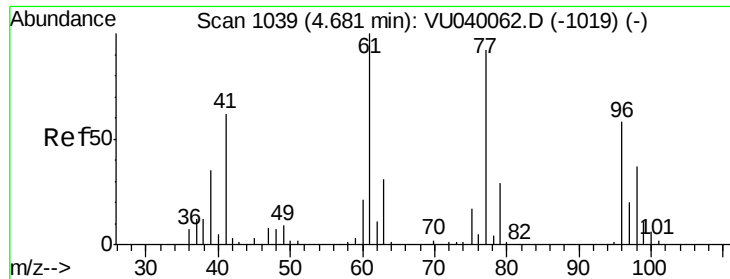
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#20
Methylcyclohexane
Concen: 1.558 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.4	69.4	104.2
98	48.5	37.5	56.3





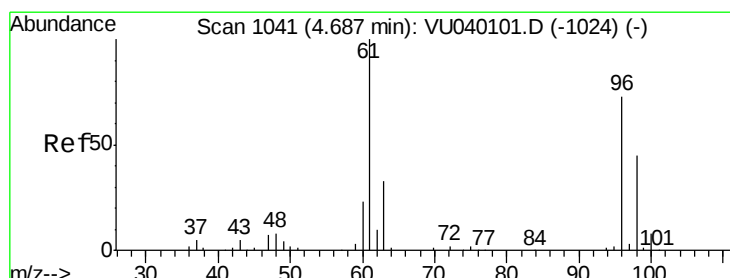
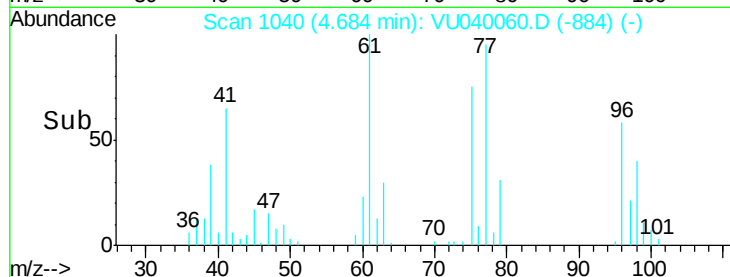
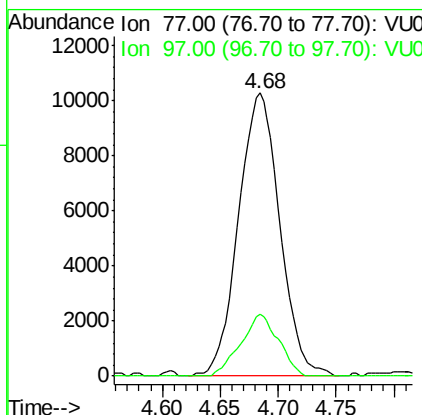
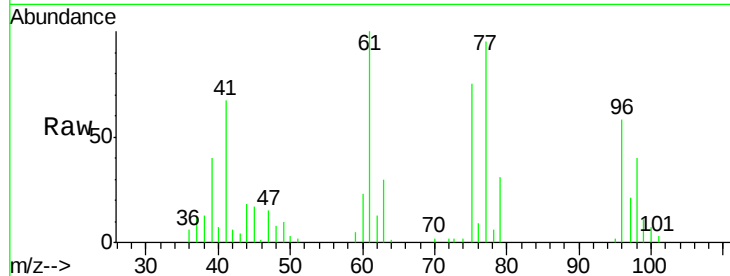
#21
 2,2-Dichloropropane
 Concen: 1.663 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion: 77 Resp: 25407
 Ion Ratio Lower Upper
 77 100
 97 19.9 16.4 24.6

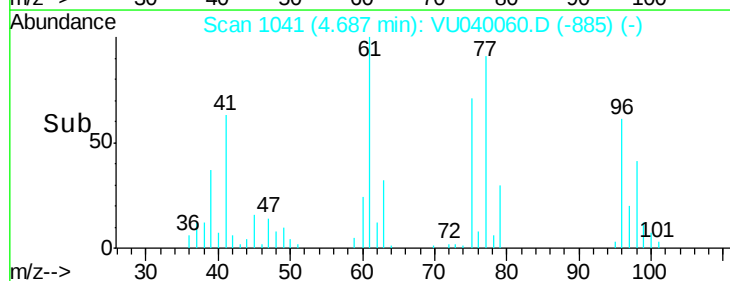
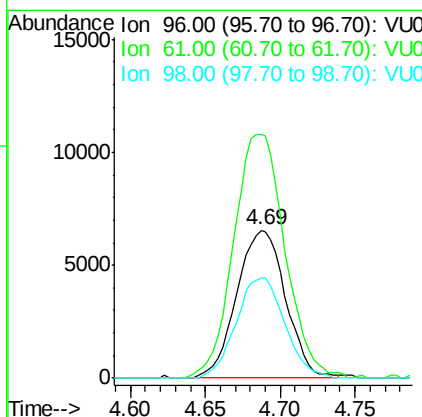
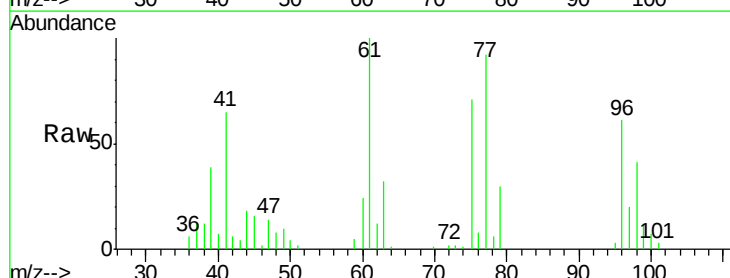
Manual Integrations
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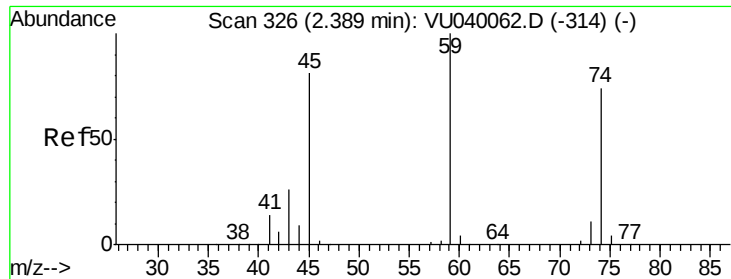
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#22
 cis-1,2-Dichloroethene
 Concen: 1.629 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 96 Resp: 14894
 Ion Ratio Lower Upper
 96 100
 61 172.8 0.0 420.0
 98 67.6 31.8 95.3





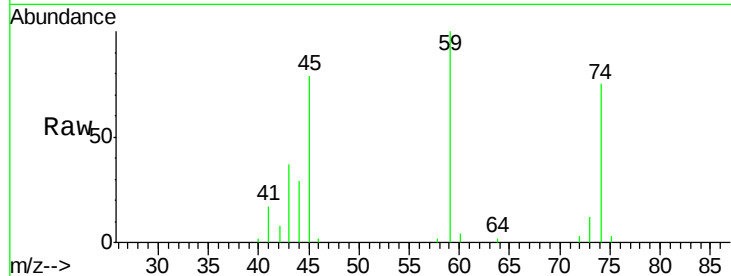
#23
Diethyl Ether
Concen: 1.466 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

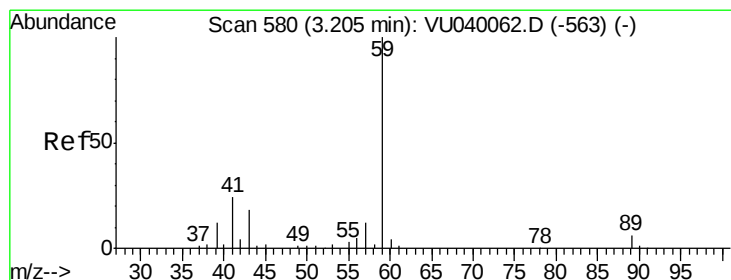
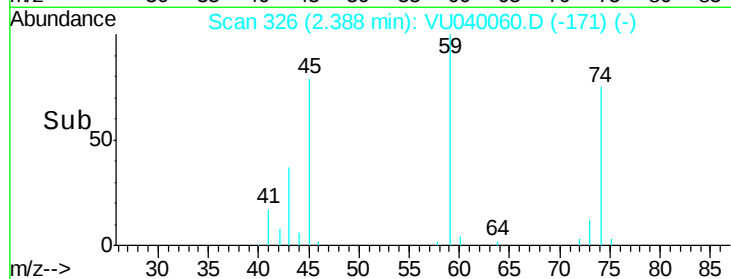
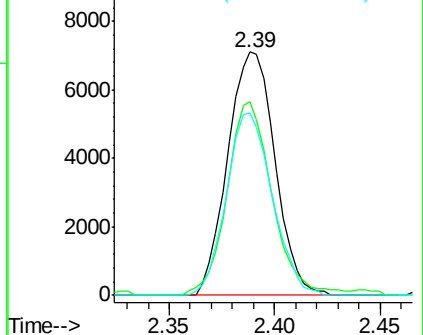
Tot Ion	Ratio	Lower	Upper
59	100		
45	75.9	62.4	93.6
74	72.8	57.7	86.5

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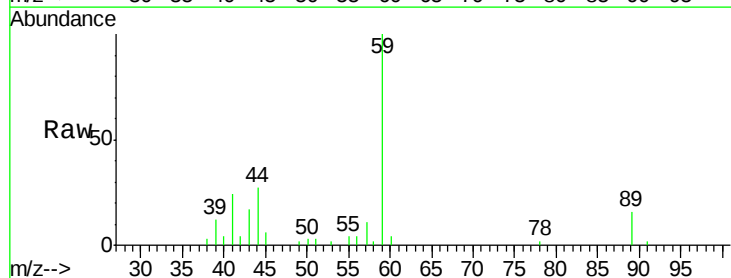


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

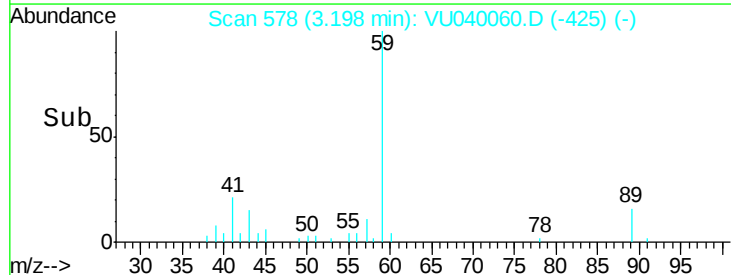
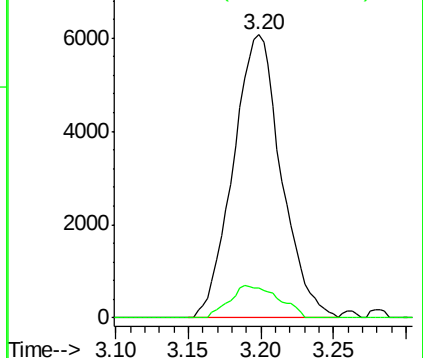


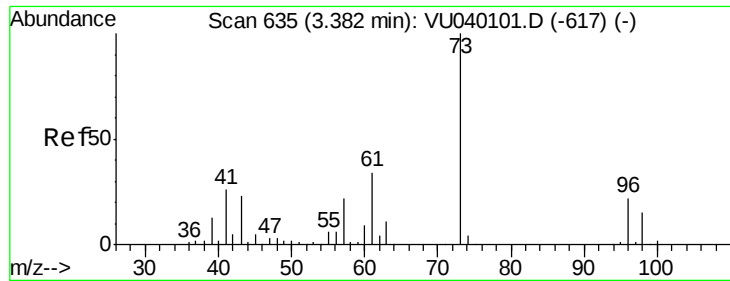
#24
tert-Butyl Alcohol
Concen: 10.236 ug/l
RT: 3.20 min Scan# 578
Delta R.T. -0.01 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.0	13.6



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





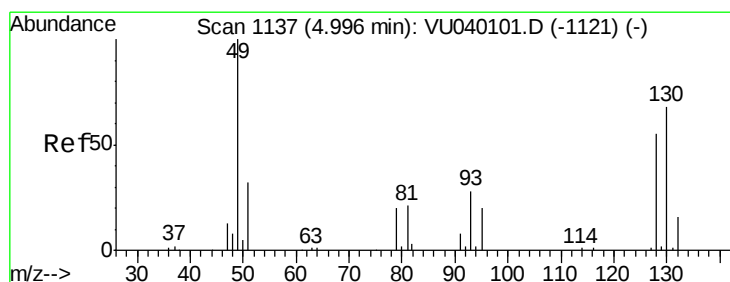
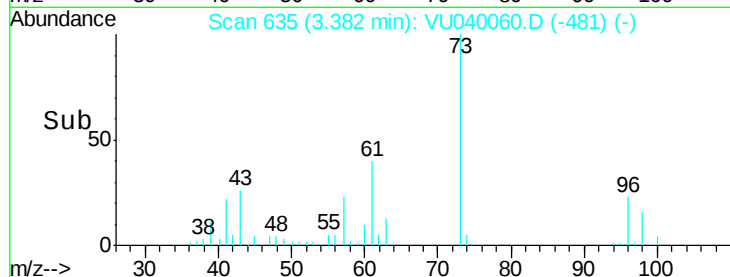
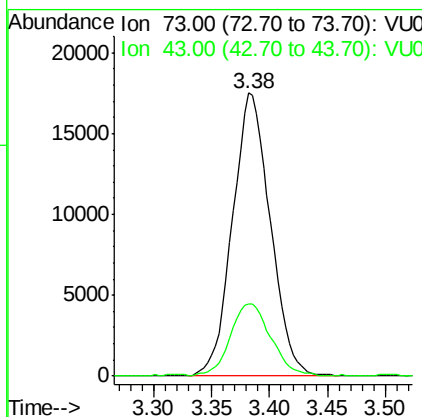
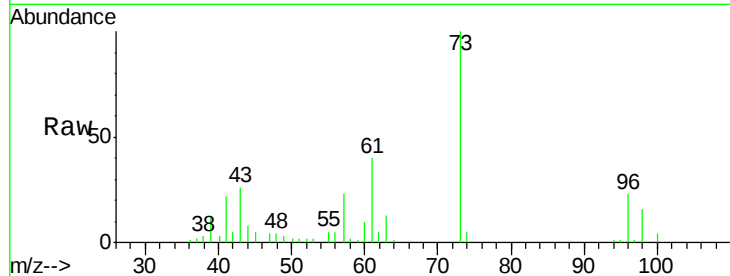
#25
Methyl tert-Butyl Ether
Concen: 1.632 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 73 Resp: 39609
Ion Ratio Lower Upper
73 100
43 27.5 20.0 30.0

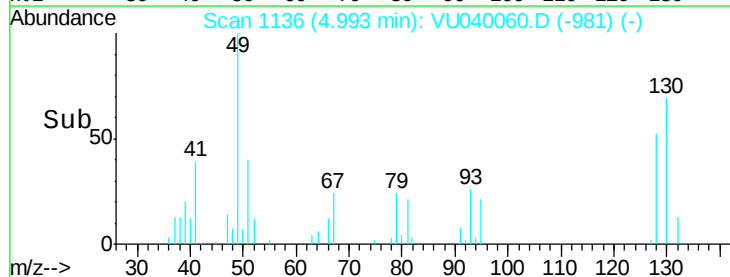
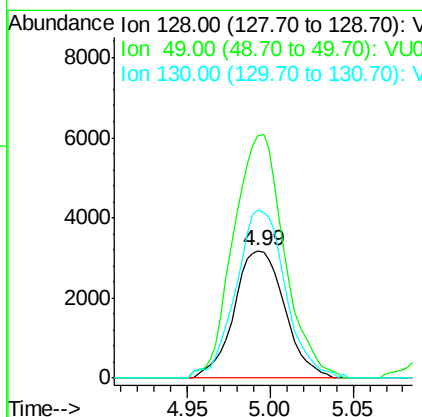
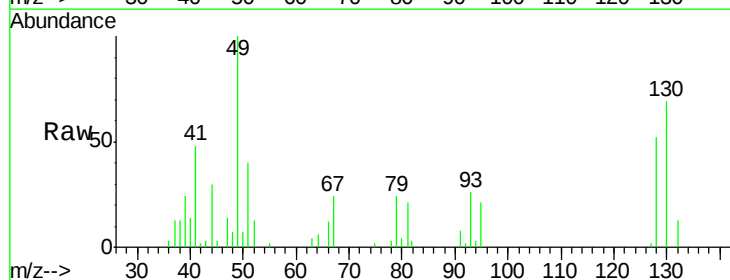
Manual Integrations
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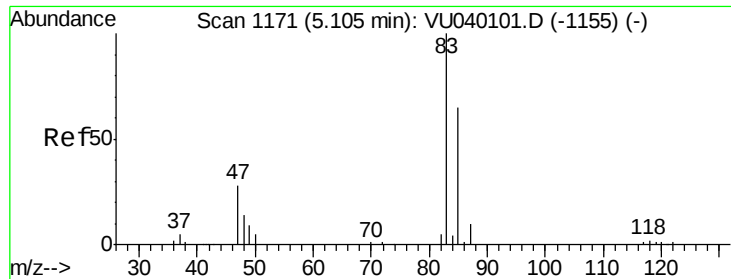
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#26
Bromochloromethane
Concen: 1.788 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 128 Resp: 6756
Ion Ratio Lower Upper
128 100
49 192.1 0.0 390.6
130 129.6 104.9 157.3





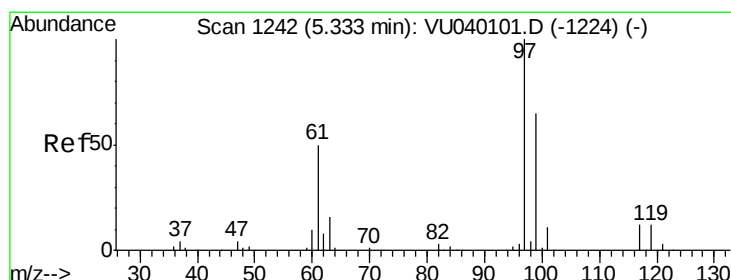
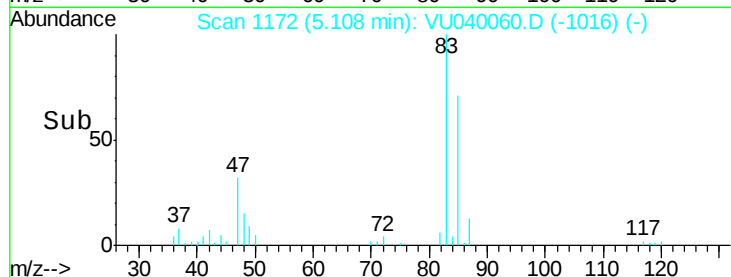
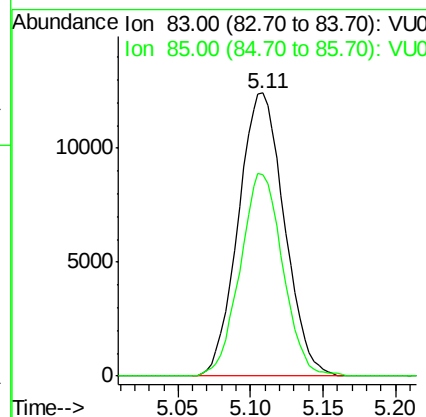
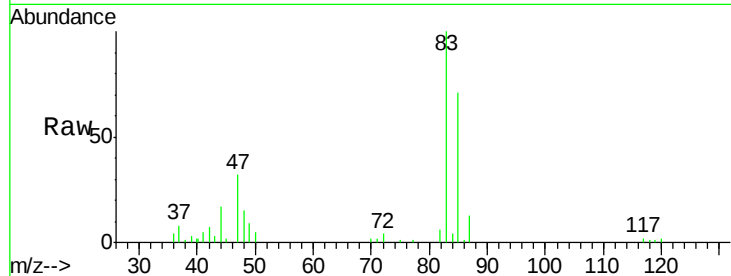
#27
Chloroform
Concen: 1.570 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 83 Resp: 27369
Ion Ratio Lower Upper
83 100
85 71.3 0.0 132.4

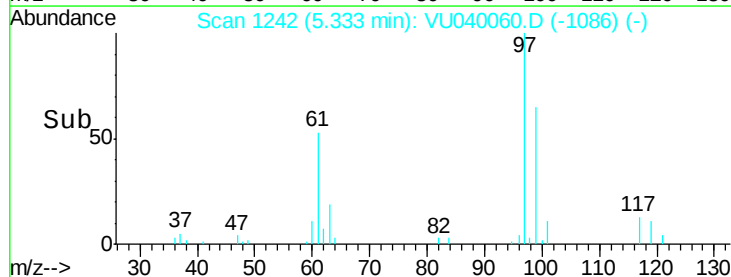
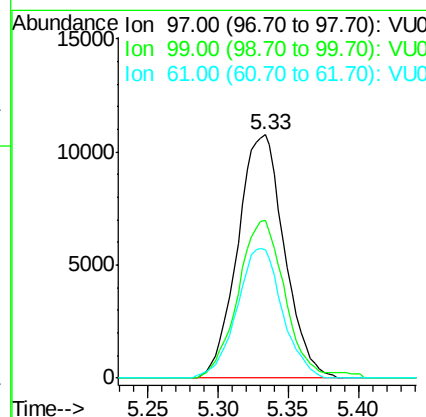
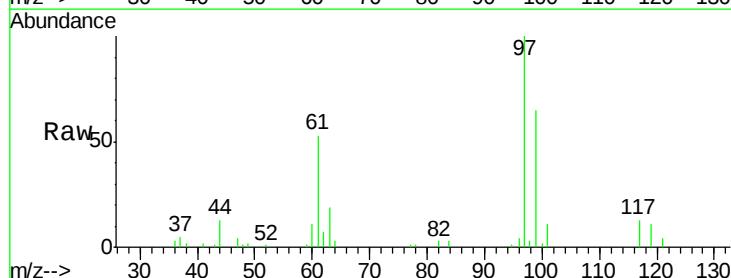
Manual Integrations
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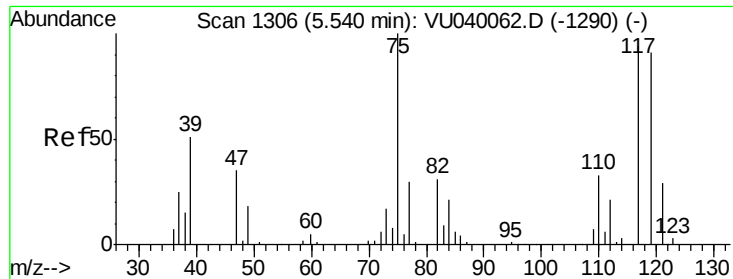
MMDadoda
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#28
1,1,1-Trichloroethane
Concen: 1.748 ug/l
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 97 Resp: 24941
Ion Ratio Lower Upper
97 100
99 65.4 31.8 95.4
61 51.7 25.1 75.2





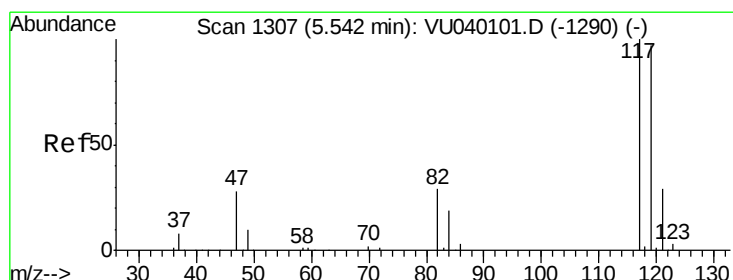
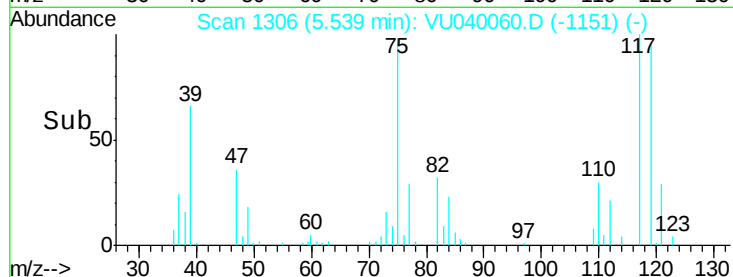
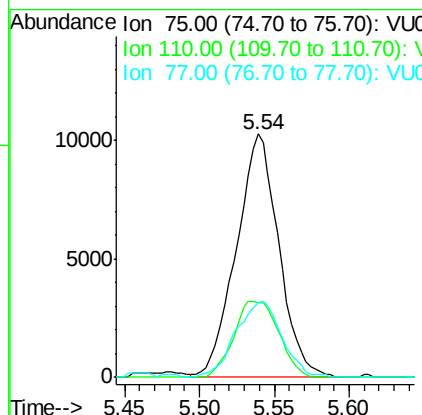
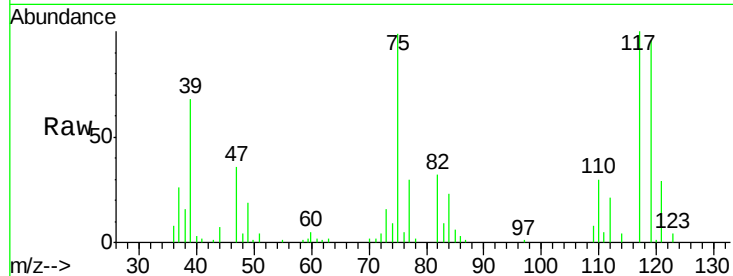
#29
 1,1-Dichloropropene
 Concen: 1.500 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.2	48.6
77	33.9	25.3	37.9

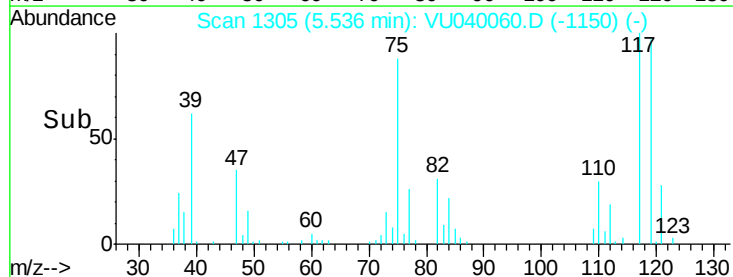
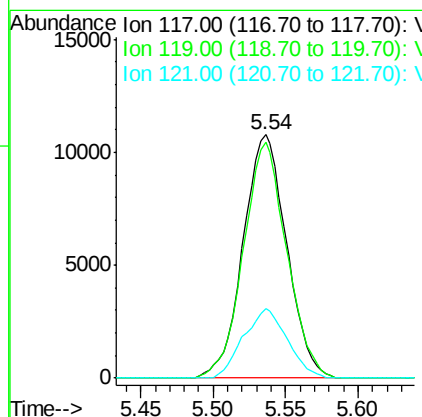
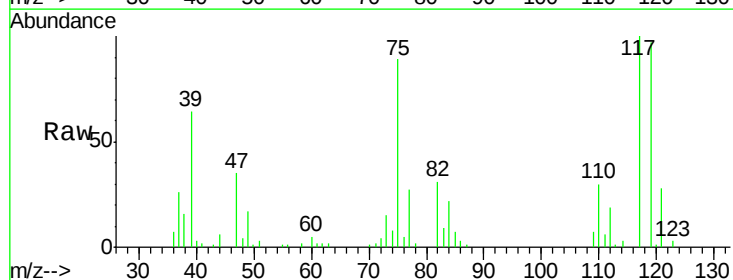
Manual Integrations
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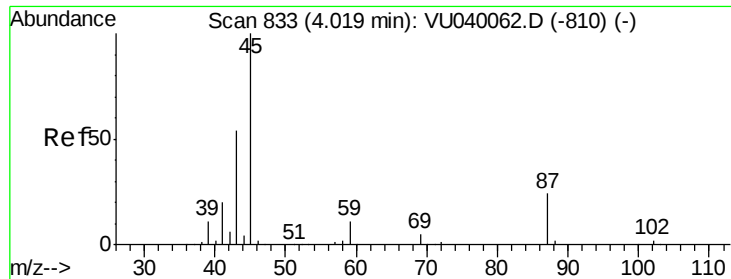
MMDadoda
 9/17/2020 4:47:07 PM



#30
 Carbon Tetrachloride
 Concen: 1.897 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.4
121	28.3	24.2	36.4





#31

Isopropyl Ether

Concen: 1.457 ug/l

RT: 4.02 min Scan# 835

Delta R.T. 0.01 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 45 Resp: 48628

Ion Ratio Lower Upper

45 100

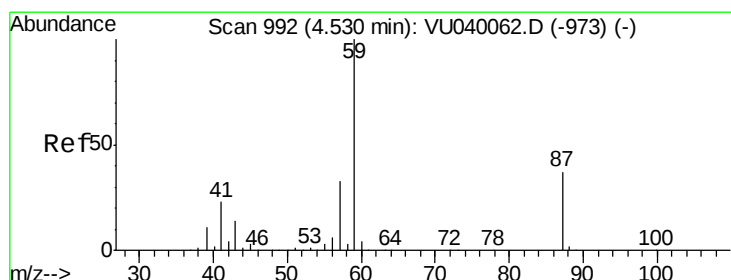
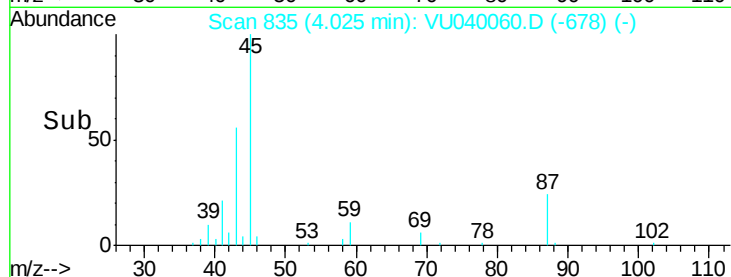
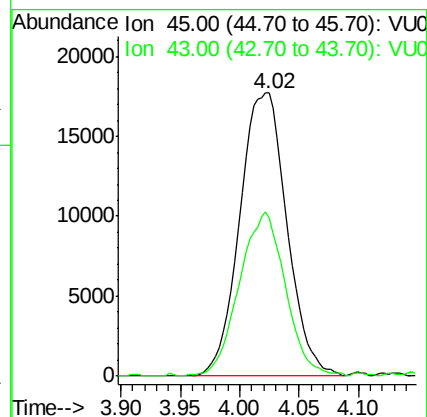
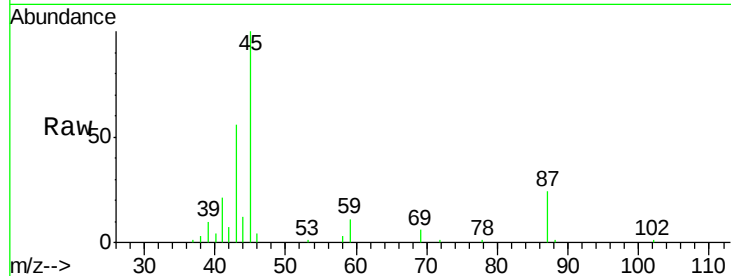
43 56.6 27.9 83.7

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 1.513 ug/l

RT: 4.53 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU040060.D

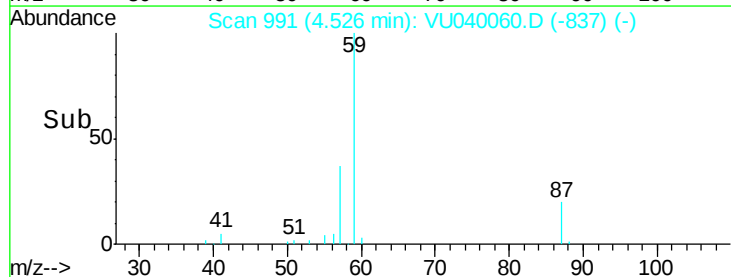
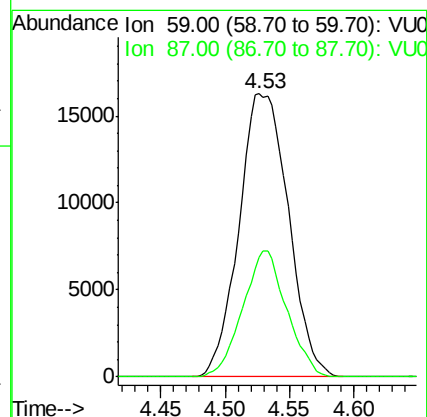
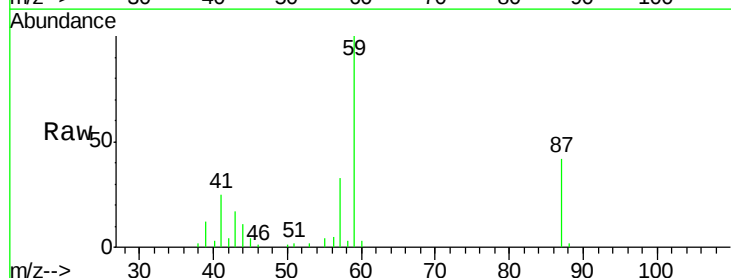
Acq: 09 Sep 2020 11:29

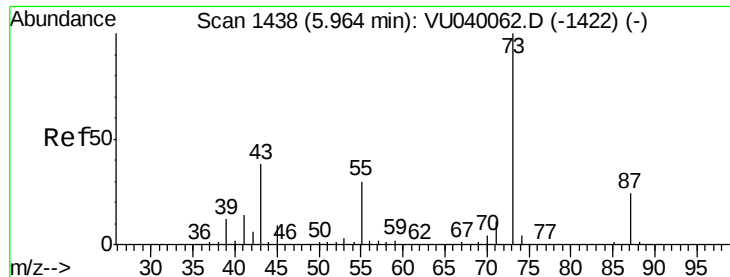
Tgt Ion: 59 Resp: 43397

Ion Ratio Lower Upper

59 100

87 39.6 30.7 46.1





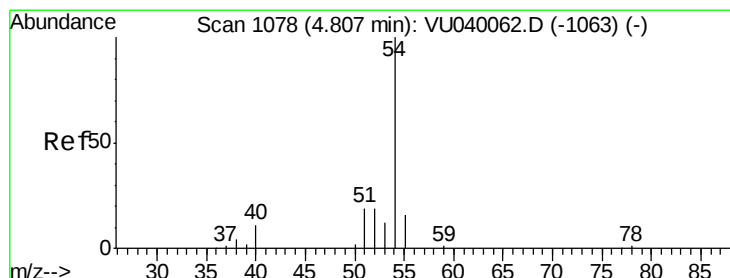
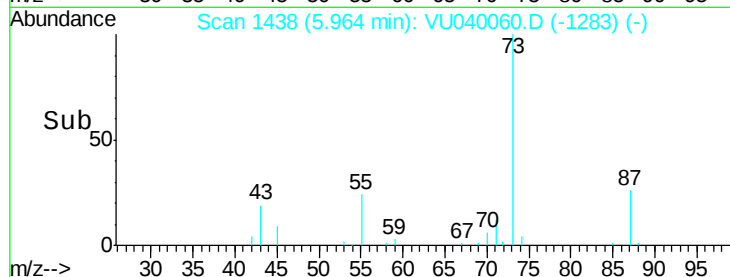
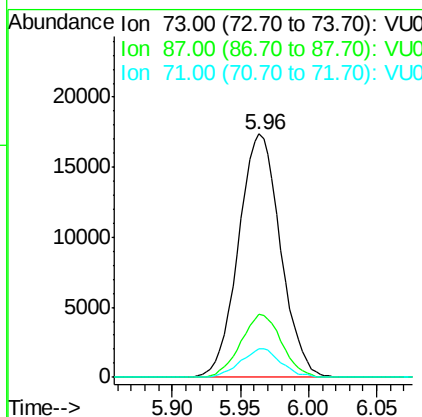
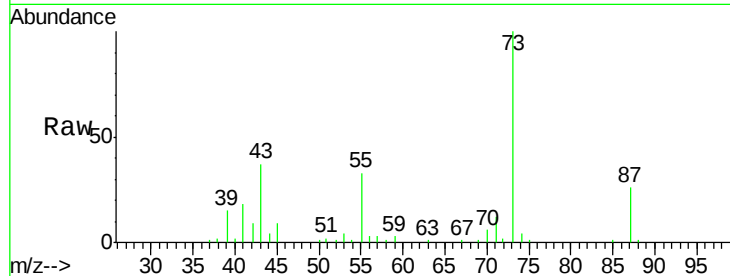
#33
Tert-Butyl methyl ether
Concen: 1.748 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.0	19.4	29.0
71	11.2	9.2	13.8

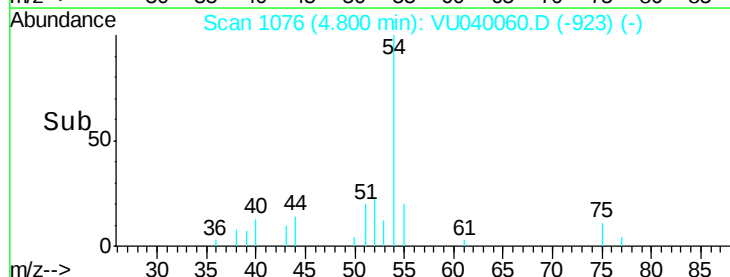
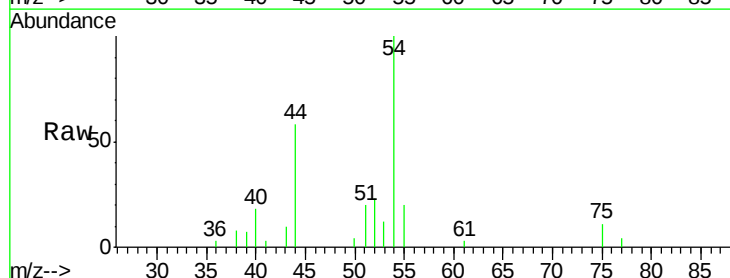
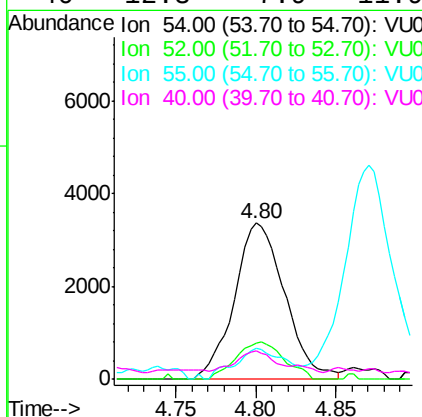
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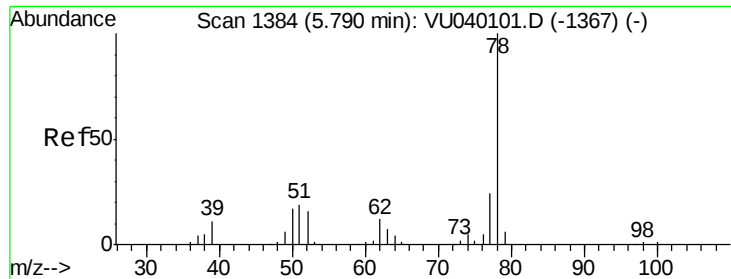
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#34
Propionitrile
Concen: 7.183 ug/l
RT: 4.80 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
54	100		
52	22.6	16.2	24.4
55	18.7	12.6	18.8
40	12.3	7.9	11.9





#35

Benzene

Concen: 1.759 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 78 Resp: 59934

Ion Ratio Lower Upper

78 100

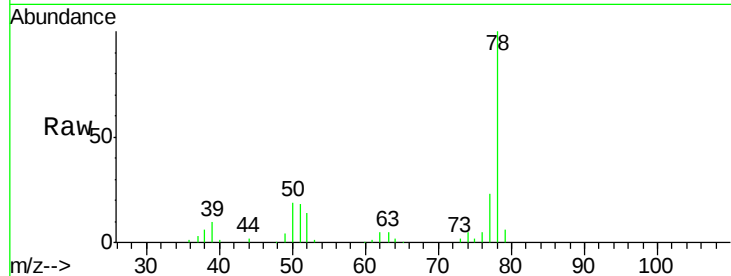
77 23.3 19.1 28.7

Manual Integrations

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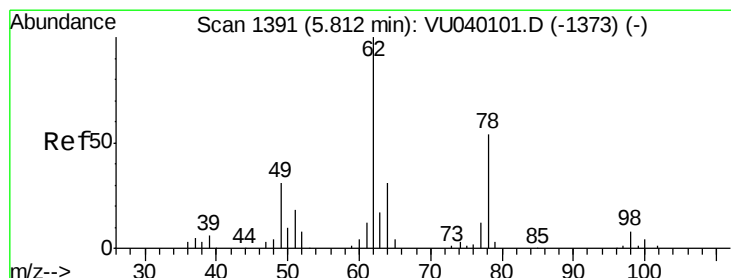
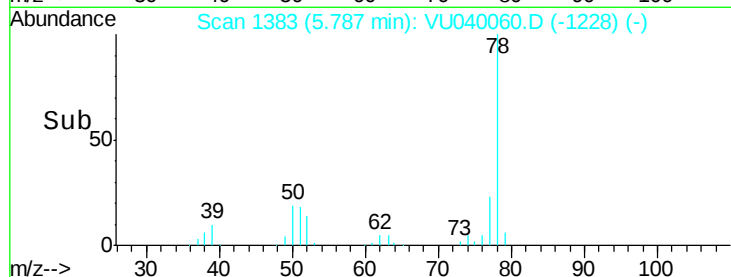
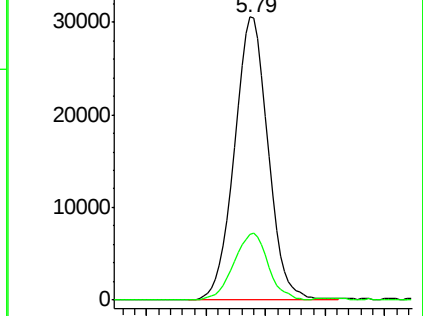
MMDadoda

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Abundance Ion 78.10 (77.80 to 78.80): VU040101.D (-1367) (-)

Ion 77.00 (76.70 to 77.70): VU040101.D (-1367) (-)



#36

1,2-Dichloroethane

Concen: 1.760 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040060.D

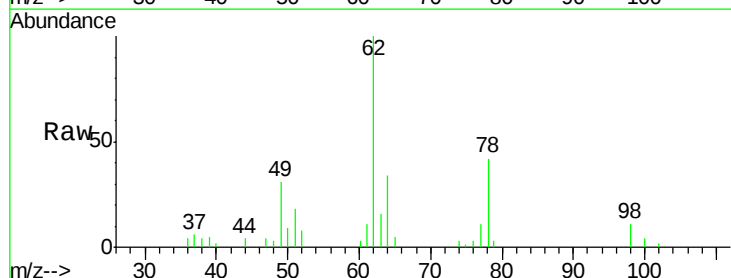
Acq: 09 Sep 2020 11:29

Tgt Ion: 62 Resp: 22547

Ion Ratio Lower Upper

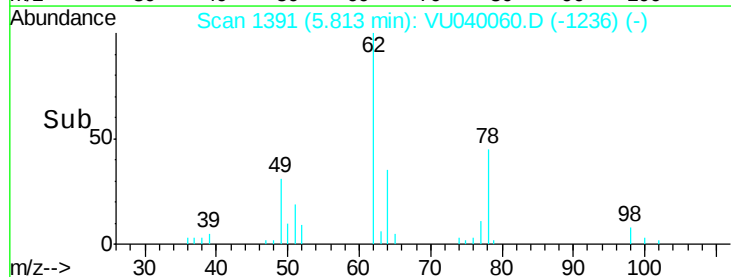
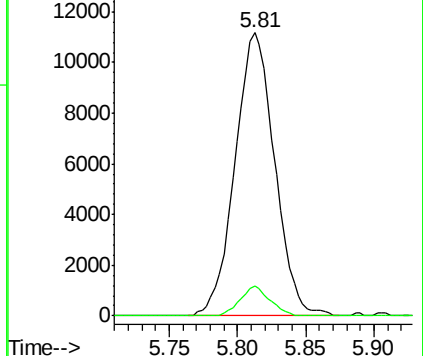
62 100

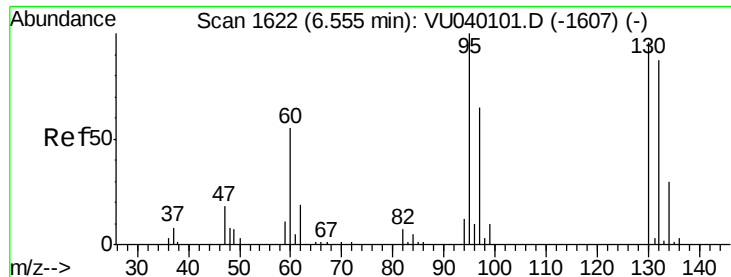
98 7.9 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU040101.D (-1373) (-)

Ion 98.00 (97.70 to 98.70): VU040101.D (-1373) (-)





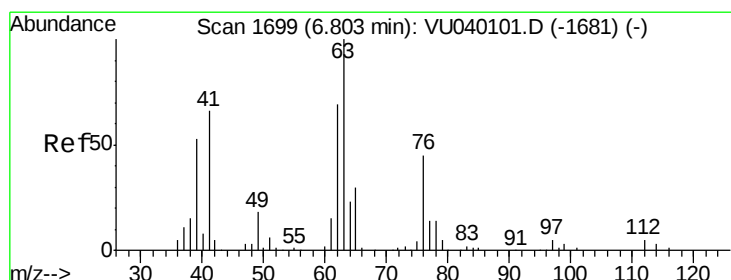
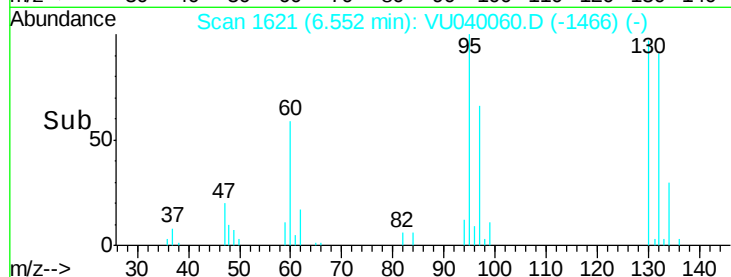
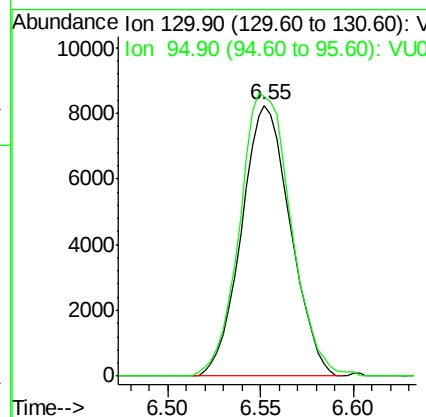
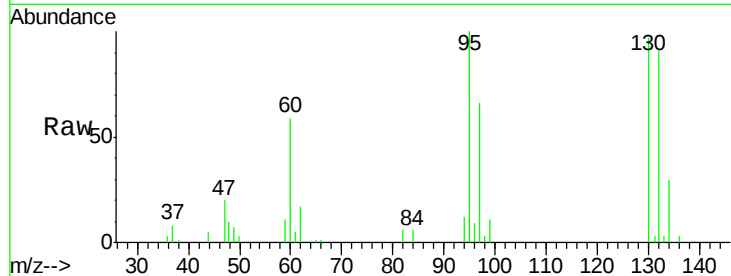
#37
 Trichloroethene
 Concen: 1.915 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:130 Resp: 15088
 Ion Ratio Lower Upper
 130 100
 95 102.9 84.2 126.2

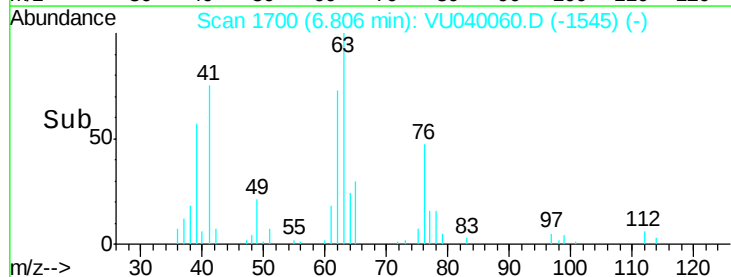
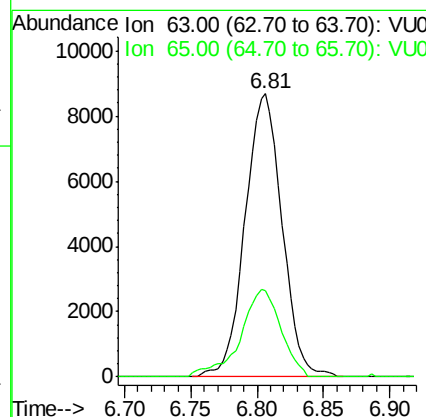
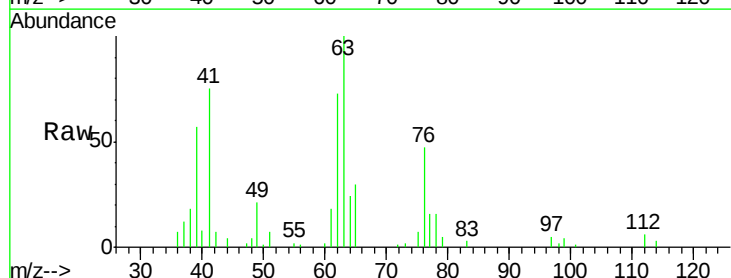
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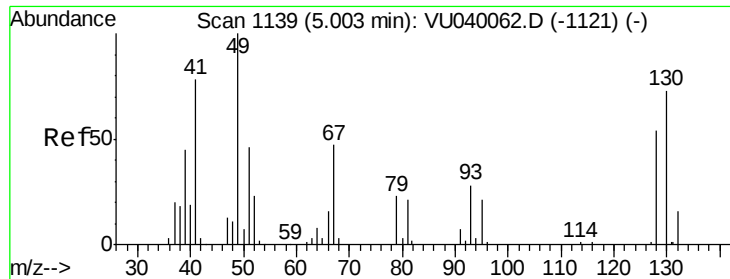
MMDadoda
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#38
 1,2-Dichloropropane
 Concen: 1.799 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 63 Resp: 16852
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.0 34.6





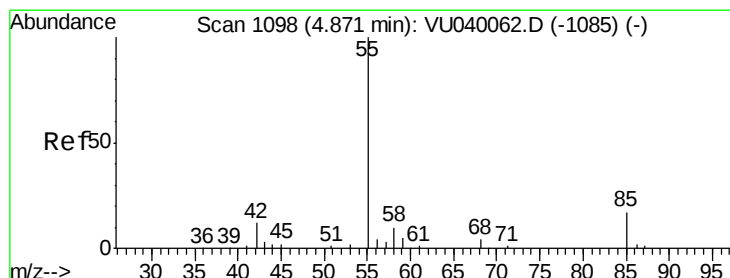
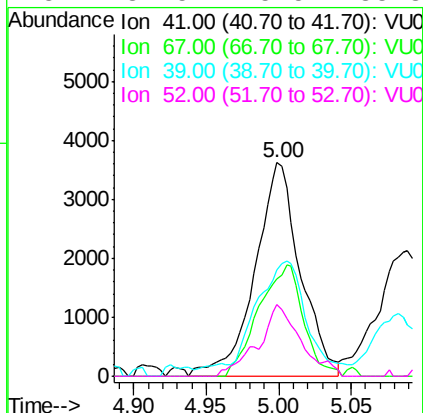
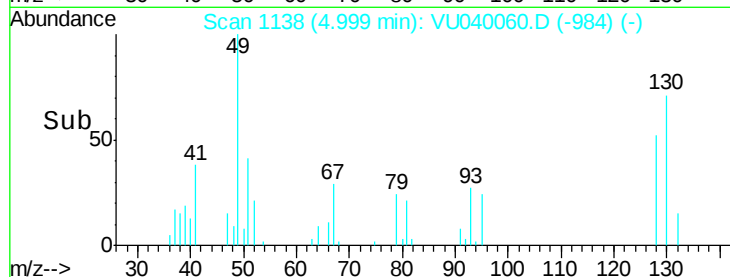
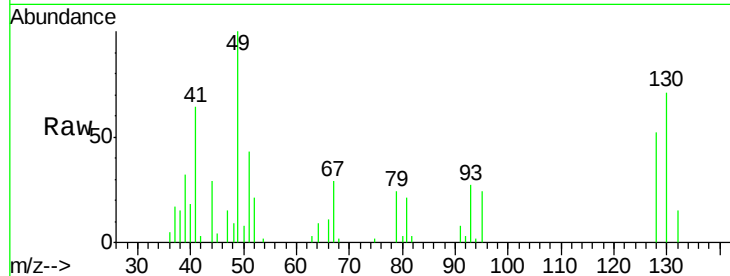
#39
Methacrylonitrile
Concen: 1.470 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:	41	Resp:	7859
Ion	Ratio	Lower	Upper
41	100		
67	51.4	49.2	73.8
39	48.4	46.5	69.7
52	31.5	25.5	38.3

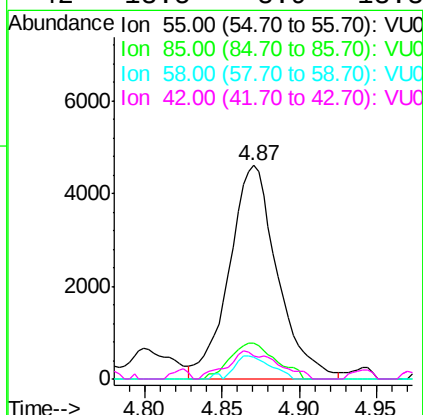
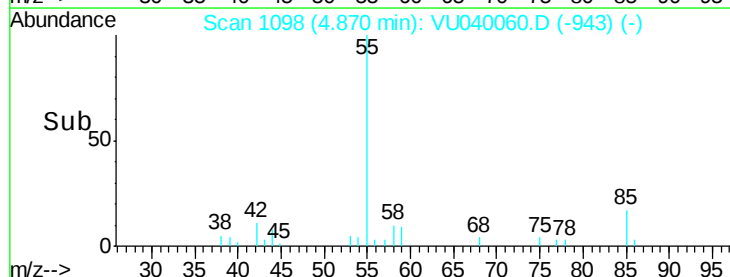
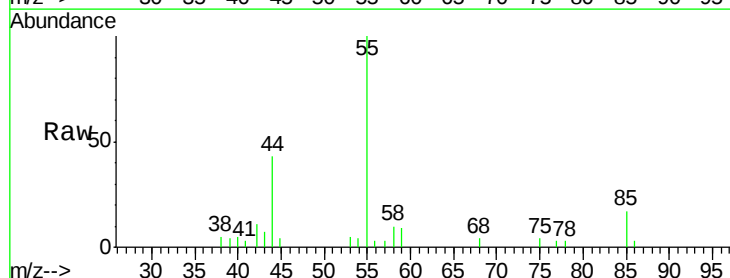
Manual Integrations
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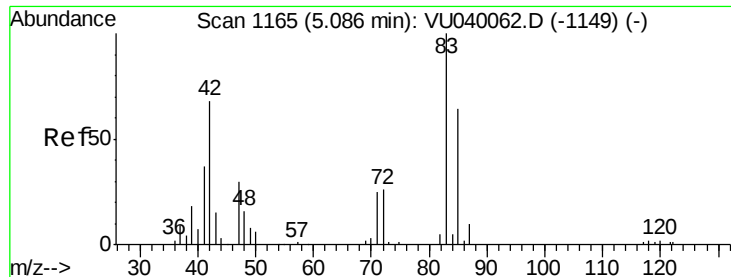
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#40
Methyl acrylate
Concen: 1.453 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion:	55	Resp:	9931
Ion	Ratio	Lower	Upper
55	100		
85	15.8	13.3	19.9
58	7.8	7.5	11.3
42	13.5	8.9	13.3#





#41

Tetrahydrofuran

Concen: 2.883 ug/l

RT: 5.08 min Scan# 1163

Delta R.T. -0.01 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

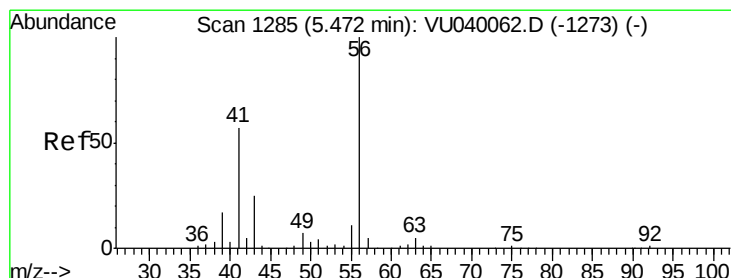
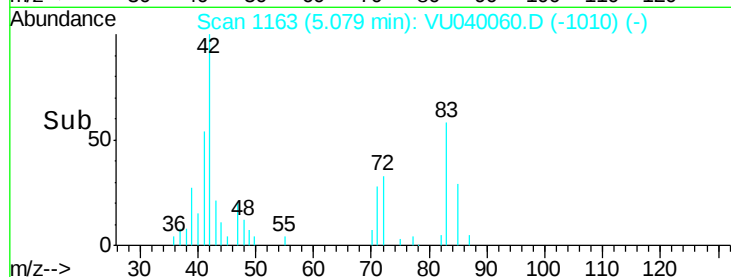
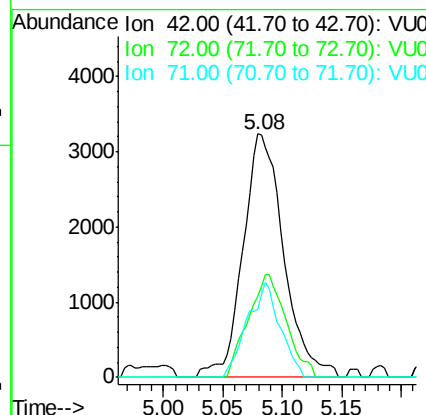
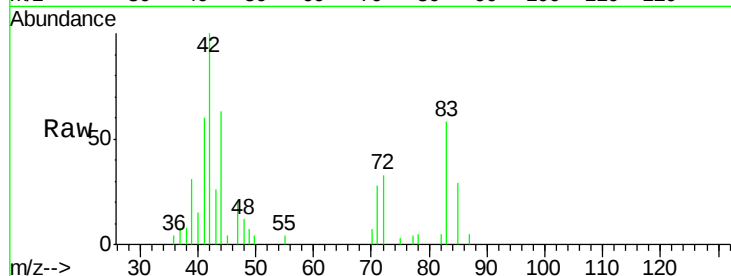
ClientSampleId :

VSTDIC002

Tot Ion:	42	Resp:	7681
Ion	Ratio	Lower	Upper
42	100		
72	39.1	33.8	50.6
71	31.3	30.9	46.3

Manual Integrations
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#42

1-Chlorobutane

Concen: 1.452 ug/l

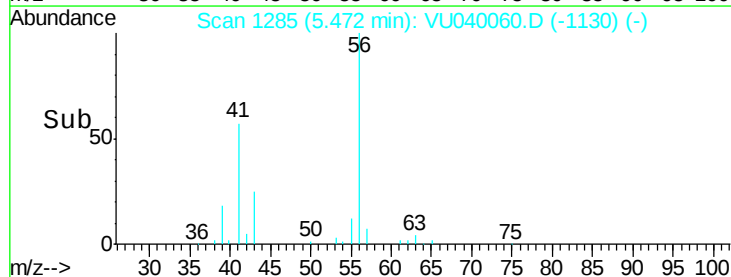
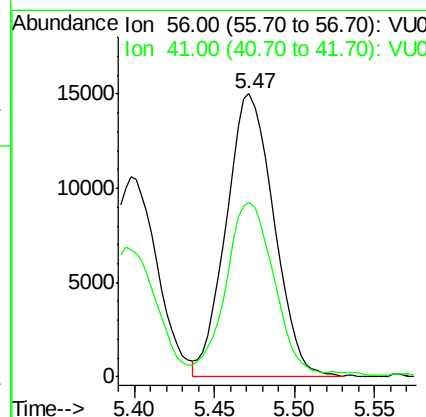
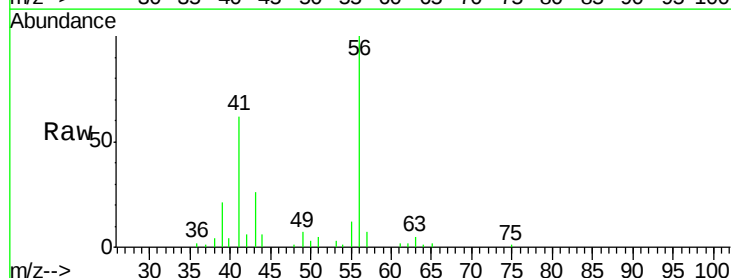
RT: 5.47 min Scan# 1285

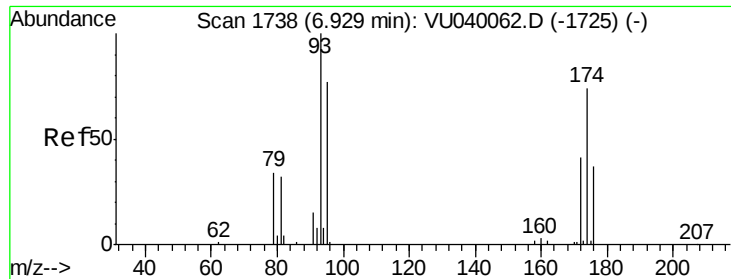
Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Tgt Ion:	56	Resp:	30618
Ion	Ratio	Lower	Upper
56	100		
41	59.4	29.2	87.6





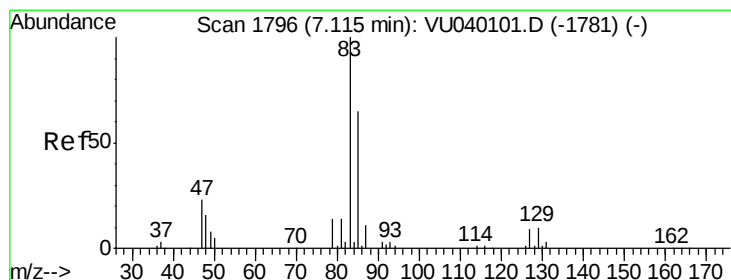
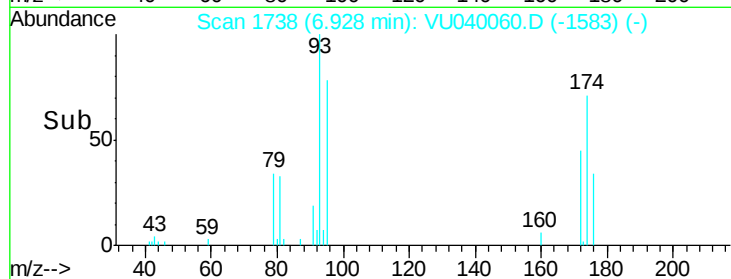
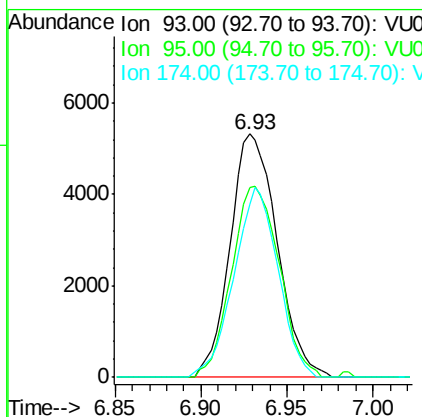
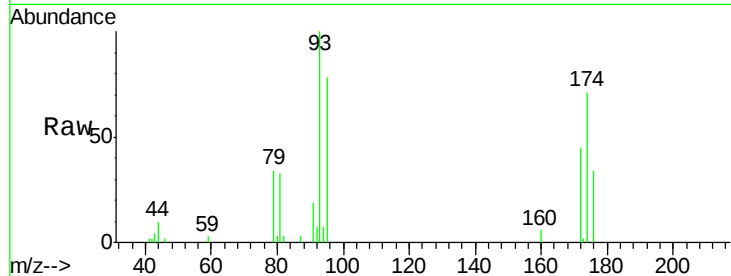
#43
Dibromomethane
Concen: 1.973 ug/l
RT: 6.93 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
93	100		
95	79.7	63.3	94.9
174	73.1	63.5	95.3

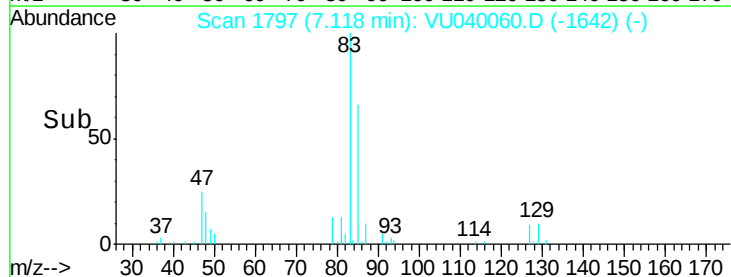
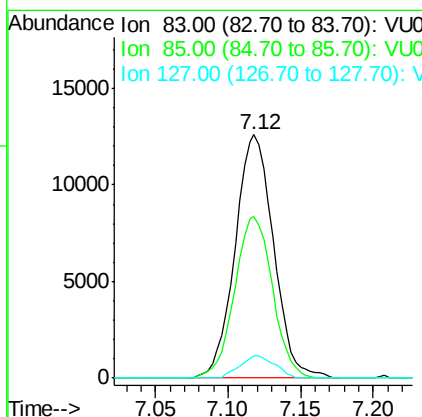
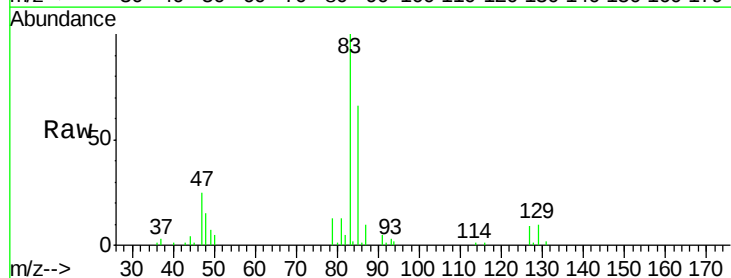
Manual Integrations
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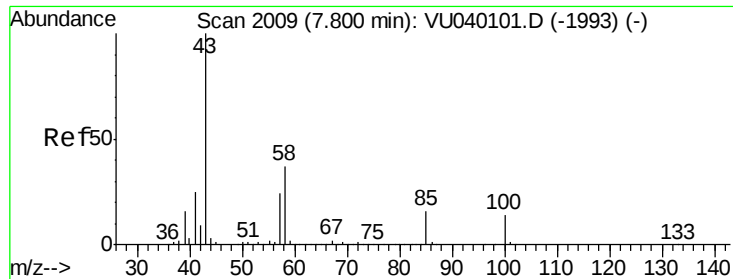
MMDadoda
9/17/2020 4:47:07 PM



#44
Bromodichloromethane
Concen: 1.990 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.1	78.1
127	9.4	6.6	9.8





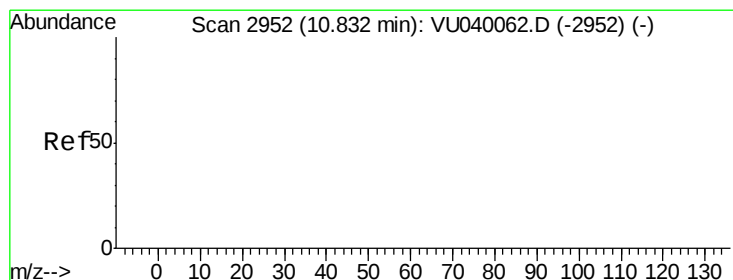
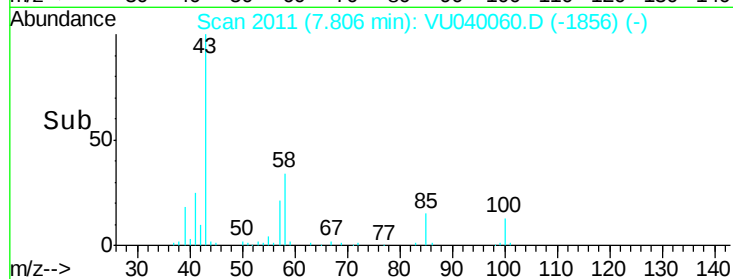
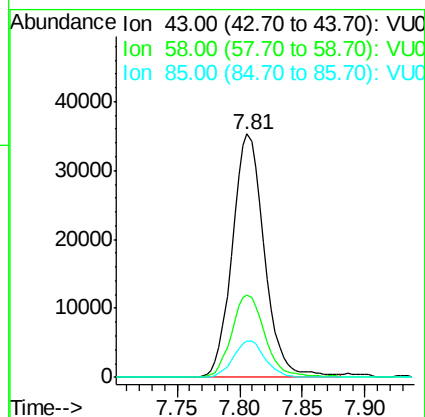
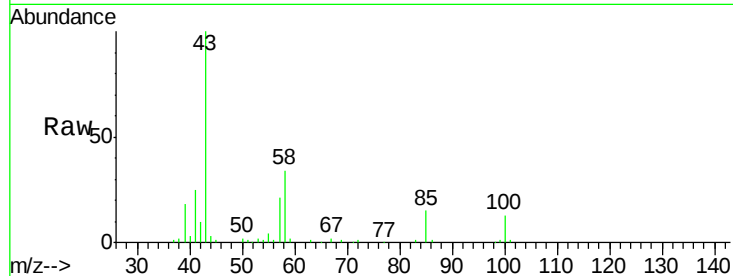
#45
4-Methyl-2-Pentanone
Concen: 8.247 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.9	18.1	54.3
85	14.8	12.3	18.5

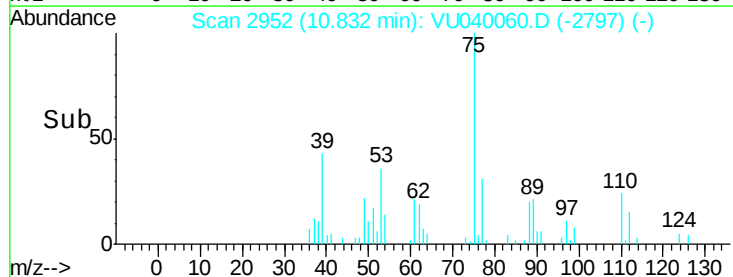
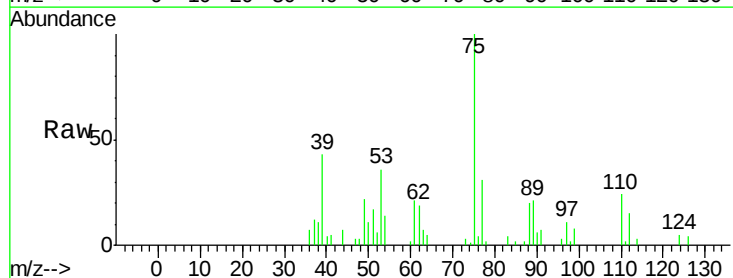
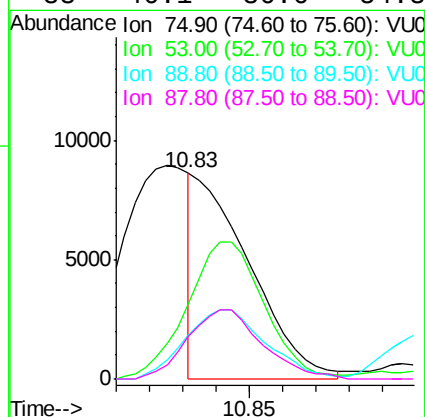
Manual Integrations
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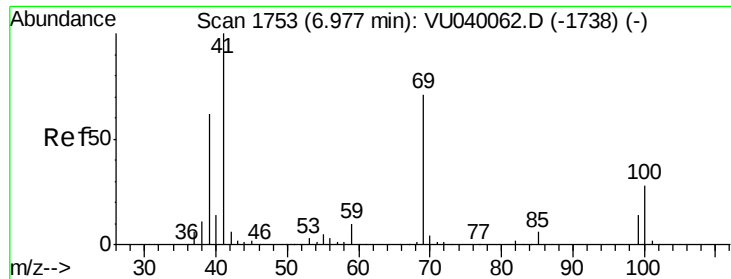
MMDadoda
9/17/2020 4:47:07 PM



#46
t-1,4-Dichloro-2-butene
Concen: 4.116 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.6	75.0	112.6
89	49.2	41.6	62.4
88	46.1	36.6	54.8





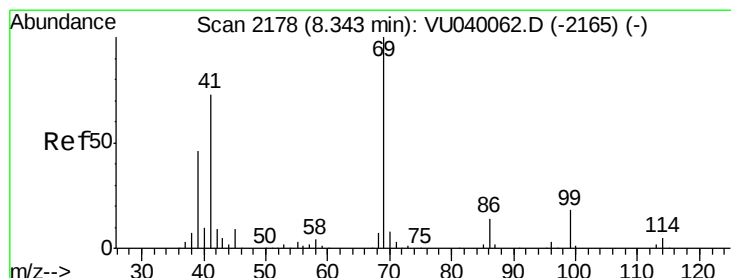
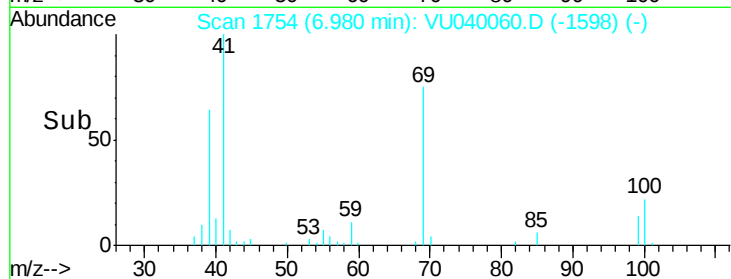
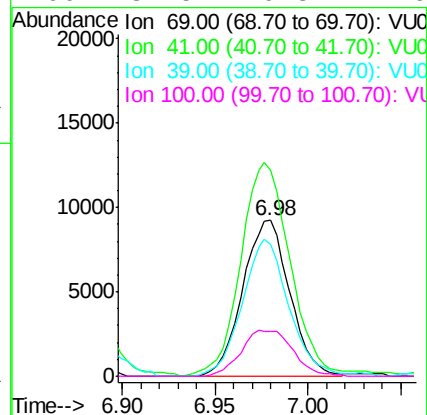
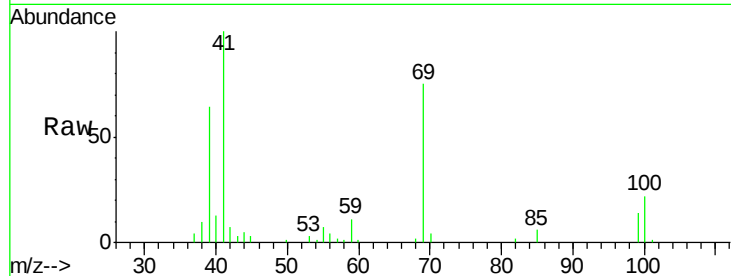
#47
Methyl methacrylate
Concen: 3.451 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
69	100		
41	146.3	0.0	273.0
39	86.8	67.8	101.6
100	32.5	29.8	44.6

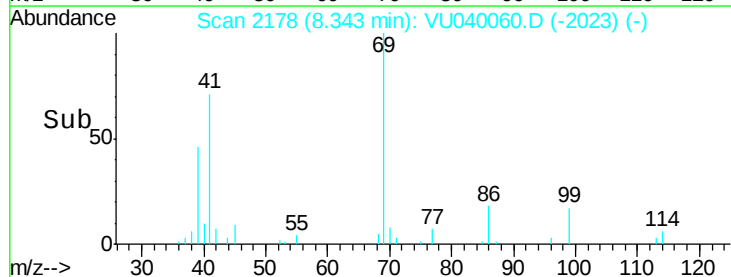
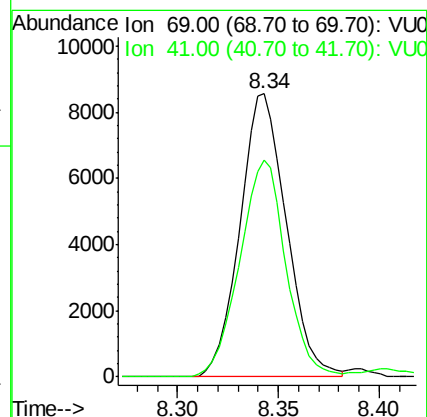
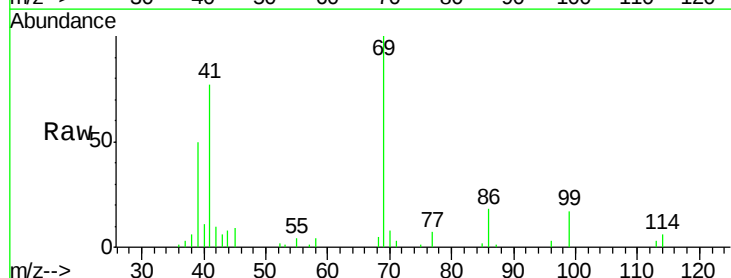
Manual Integrations
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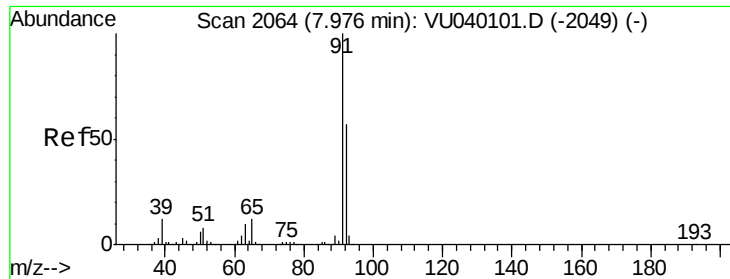
MMDadoda
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#48
Ethyl methacrylate
Concen: 1.595 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.0	37.8	113.3





#49

Toluene

Concen: 1.739 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 92 Resp: 35010

Ion Ratio Lower Upper

92 100

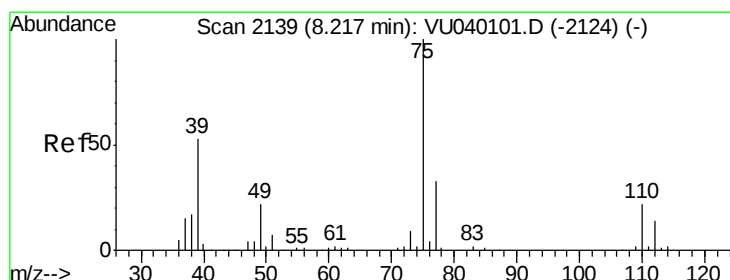
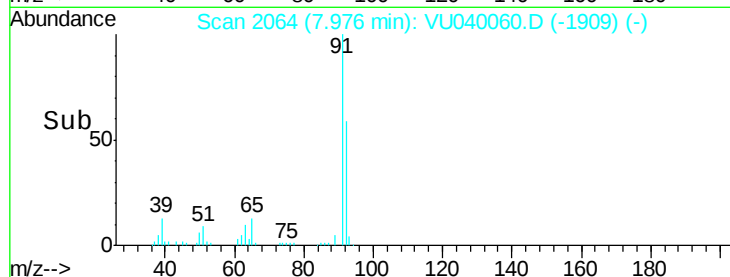
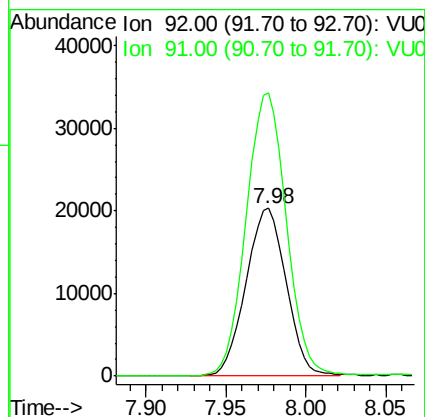
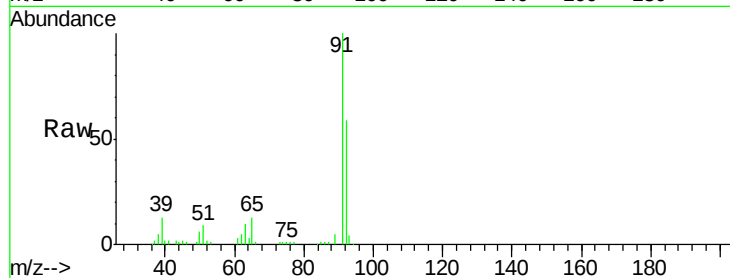
91 168.5 138.6 207.8

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.914 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040060.D

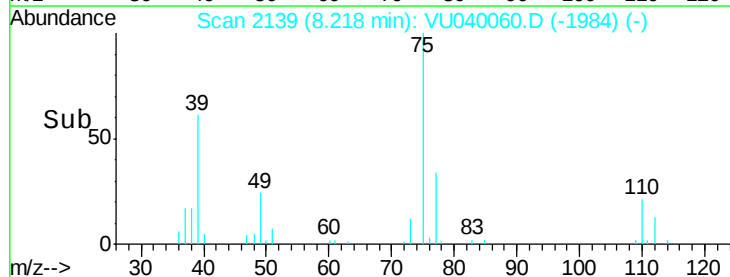
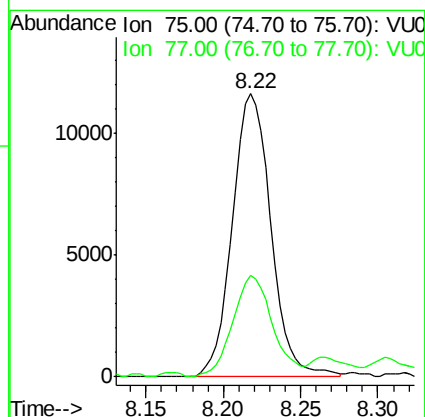
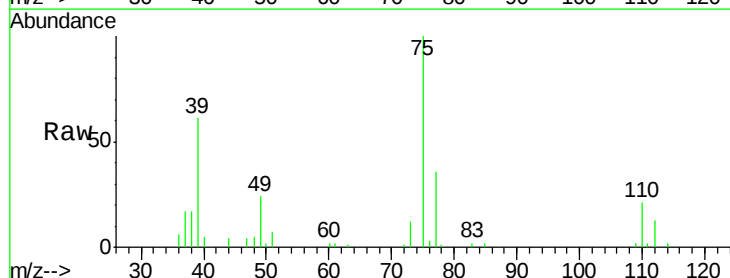
Acq: 09 Sep 2020 11:29

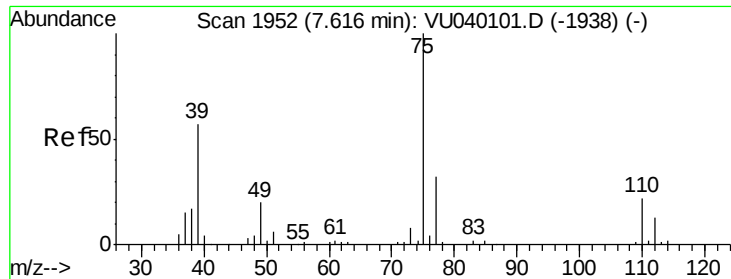
Tgt Ion: 75 Resp: 20173

Ion Ratio Lower Upper

75 100

77 35.7 24.4 36.6





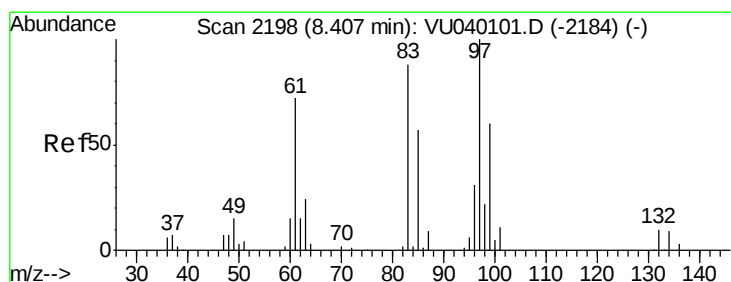
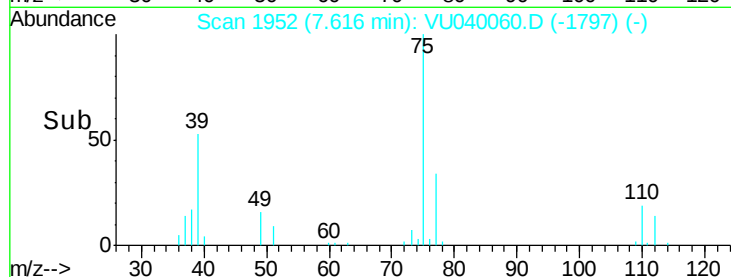
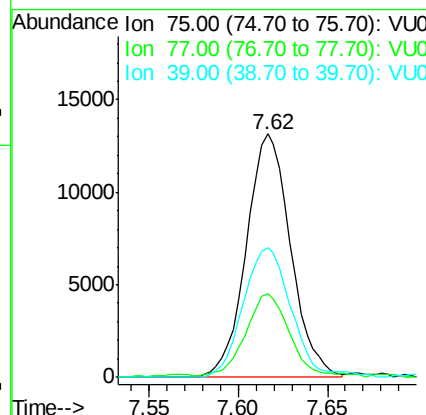
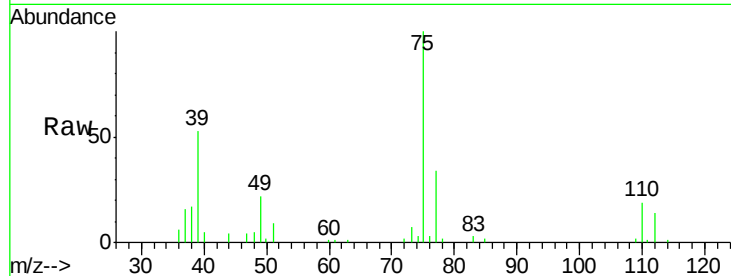
#51
 cis-1,3-Dichloropropene
 Concen: 1.847 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	24.6	37.0
39	53.1	46.2	69.4

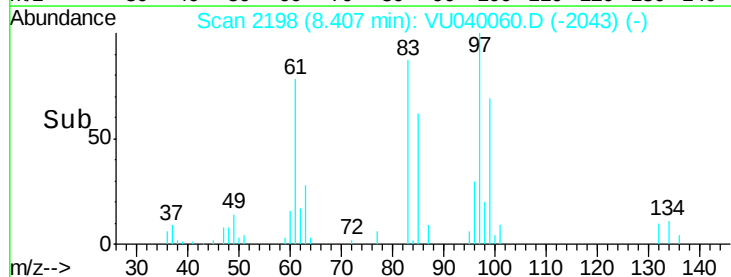
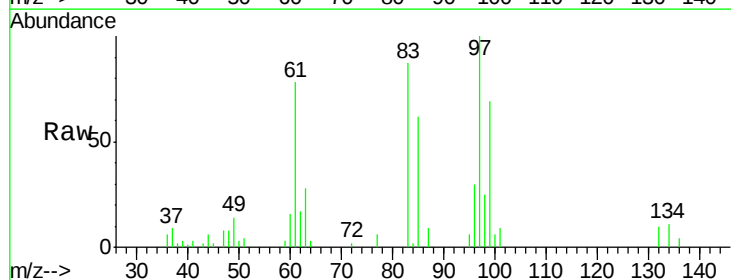
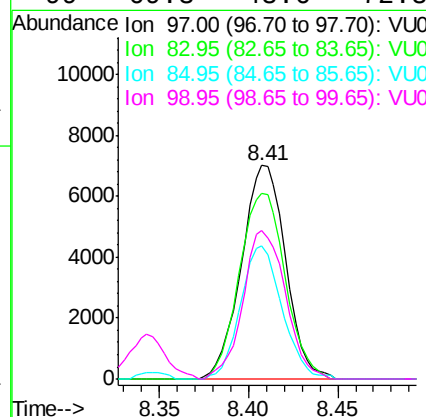
Manual Integrations
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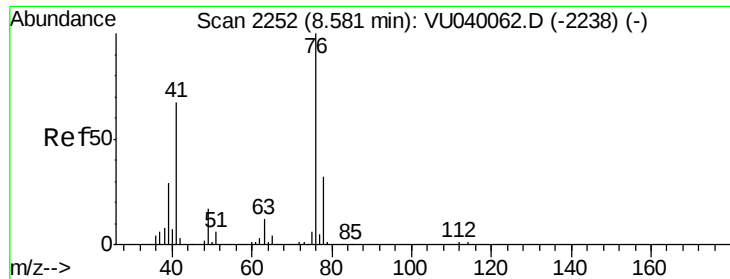
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#52
 1,1,2-Trichloroethane
 Concen: 1.825 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	62.4	46.7	70.1
99	69.3	48.6	72.8





#53

1,3-Dichloropropane

Concen: 1.760 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampled :

VSTDIC002

Tot Ion: 76 Resp: 22212

Ion Ratio Lower Upper

76 100

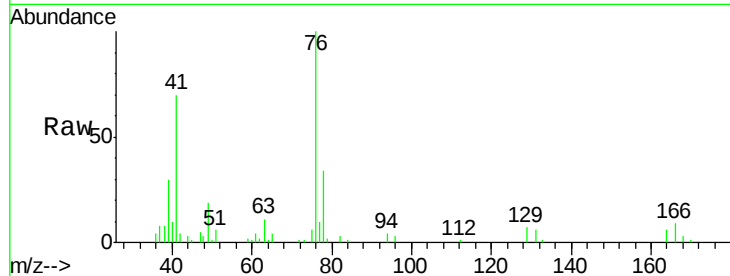
78 32.0 26.2 39.2

Manual Integrations

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Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

15000

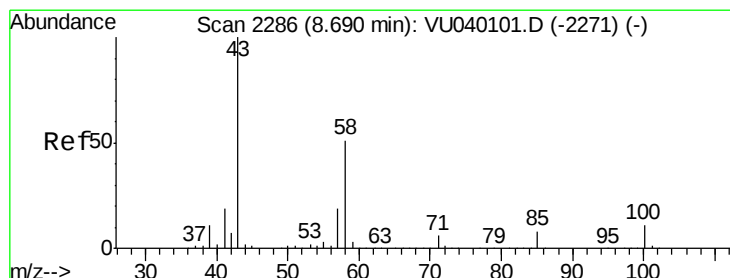
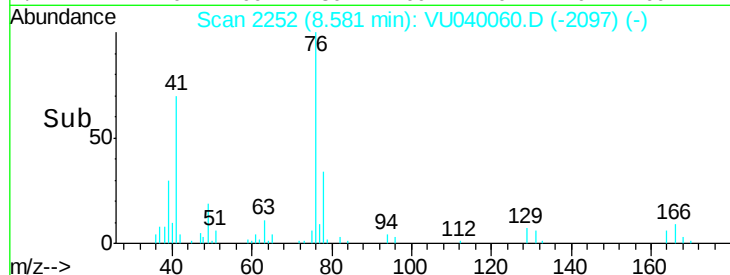
10000

5000

0

8.55 8.60

Time-->



#54

2-Hexanone

Concen: 8.145 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

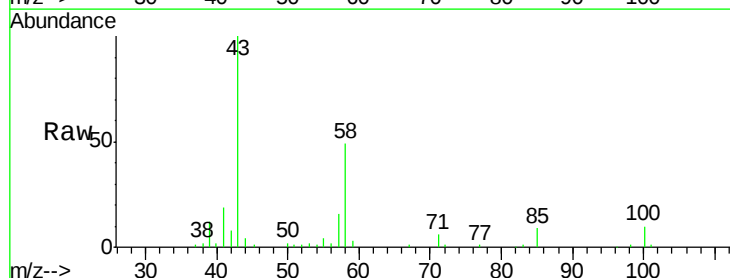
Tgt Ion: 43 Resp: 44453

Ion Ratio Lower Upper

43 100

58 47.8 29.6 69.6

57 16.4 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

30000

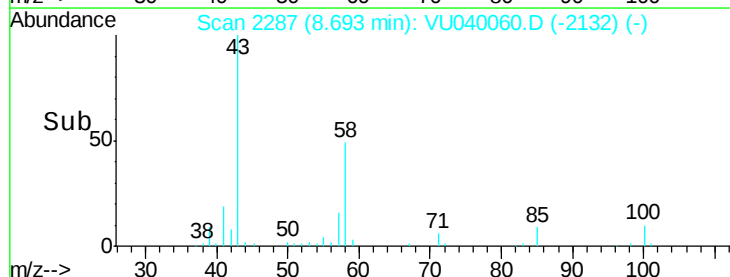
20000

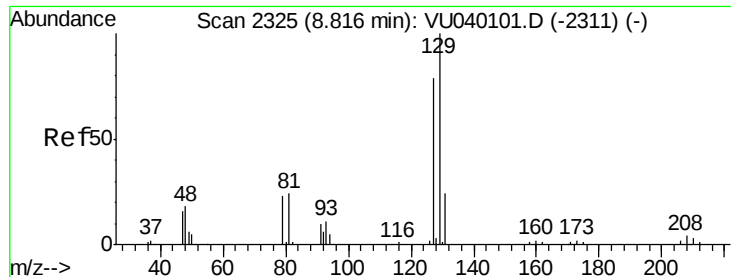
10000

0

8.65 8.70 8.75

Time-->





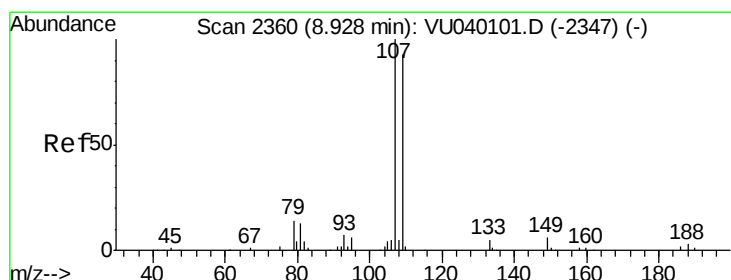
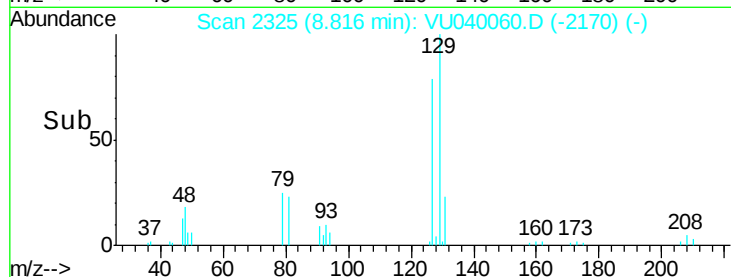
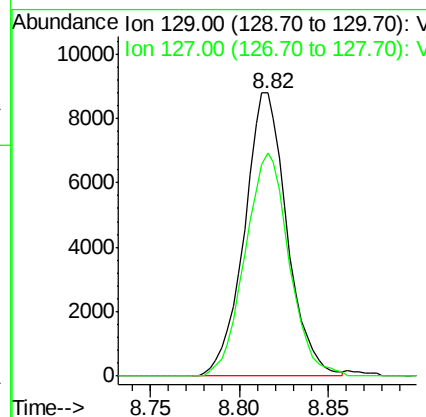
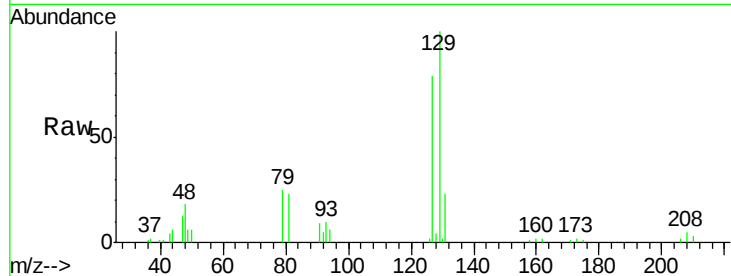
#55
Dibromochloromethane
Concen: 2.043 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
129	100		
127	81.1	62.7	94.1

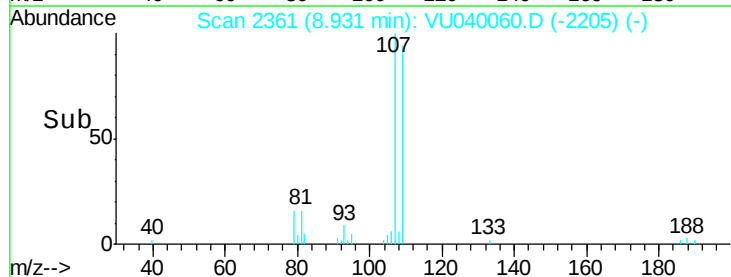
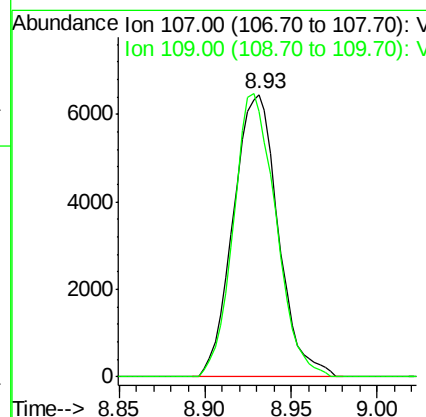
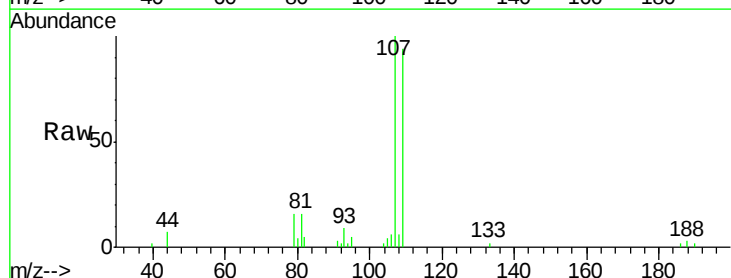
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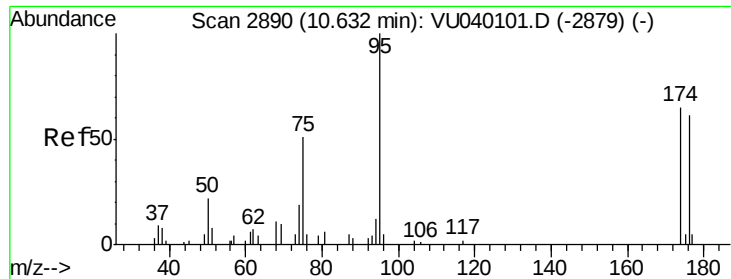
MMDadoda
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#56
1,2-Dibromoethane
Concen: 1.850 ug/l
RT: 8.93 min Scan# 2361
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.8	0.0	191.0





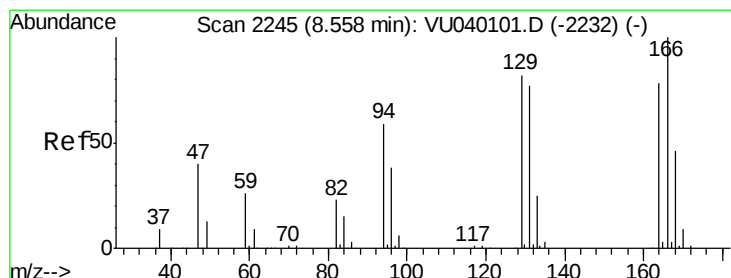
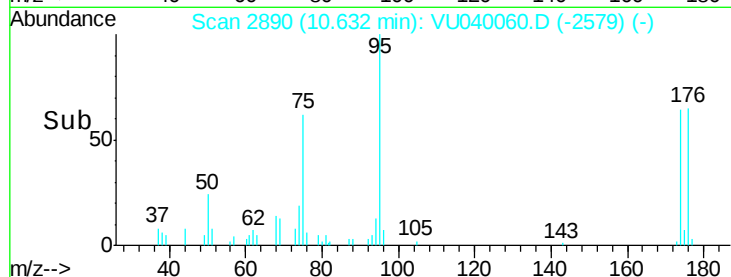
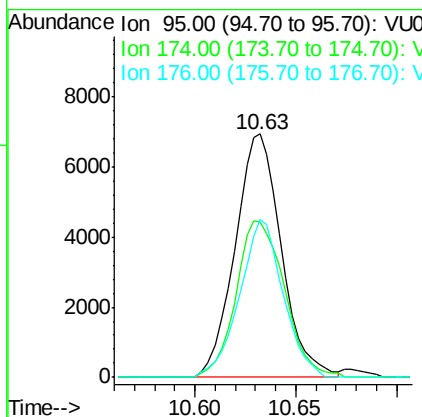
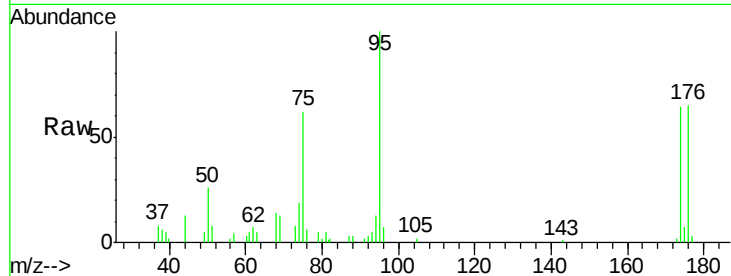
#57
4-Bromofluorobenzene
Concen: 1.021 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
95	100		
174	67.4	49.4	74.0
176	60.7	50.1	75.1

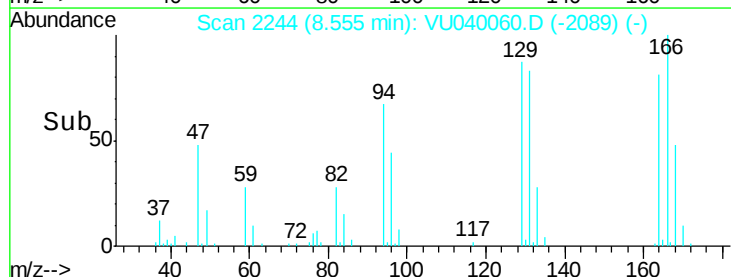
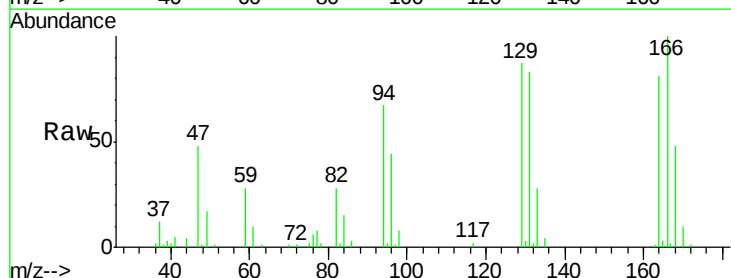
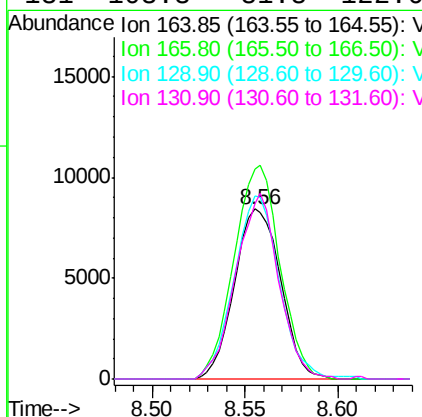
Manual Integrations
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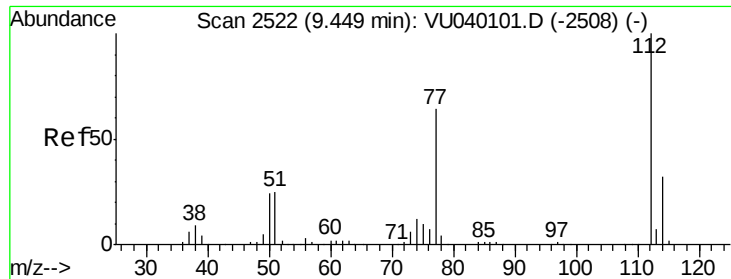
MMDadoda
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#58
Tetrachloroethene
Concen: 2.077 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.3	151.9
129	107.7	84.8	127.2
131	103.3	81.8	122.6





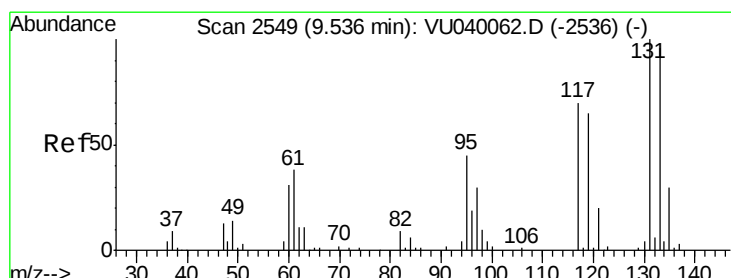
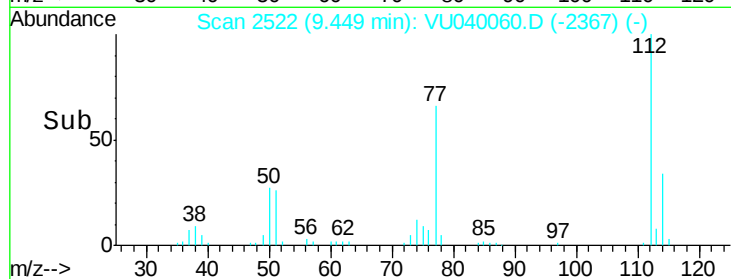
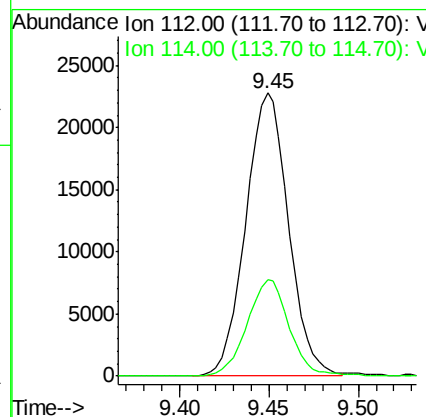
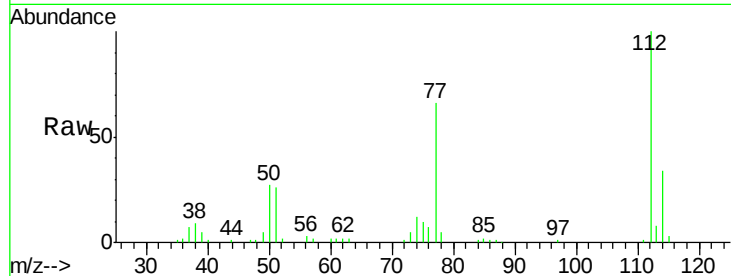
#59
Chlorobenzene
Concen: 1.816 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.0	24.8	37.2

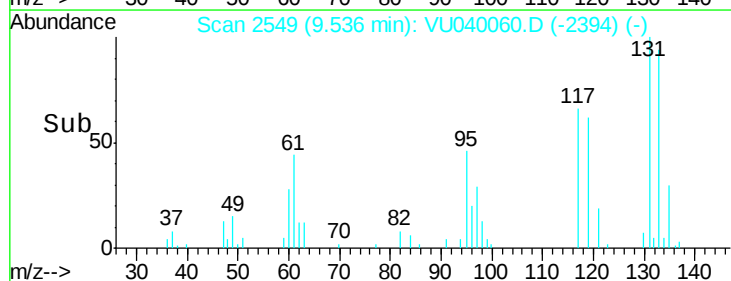
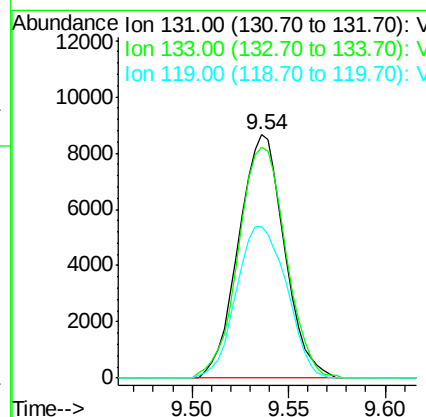
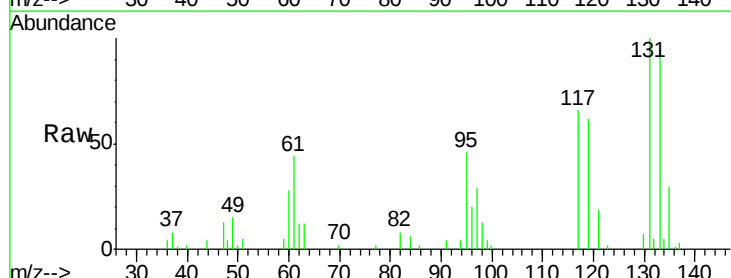
Manual Integrations
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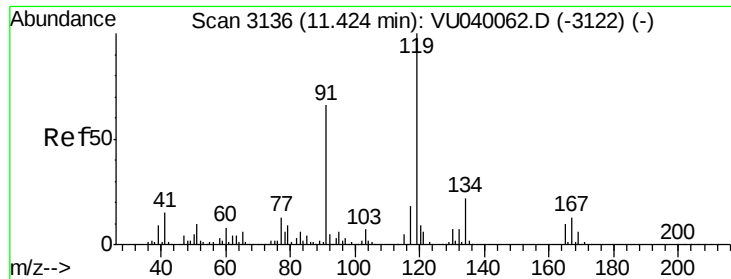
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.982 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.4	75.4	113.2
119	68.0	51.5	77.3





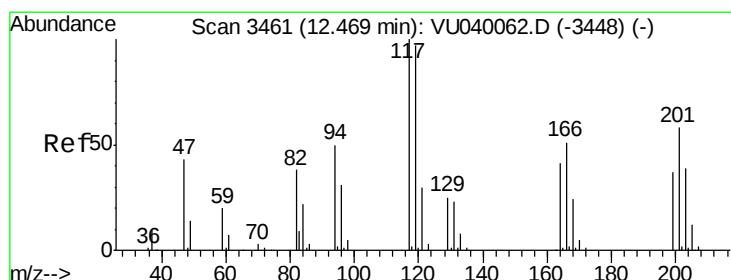
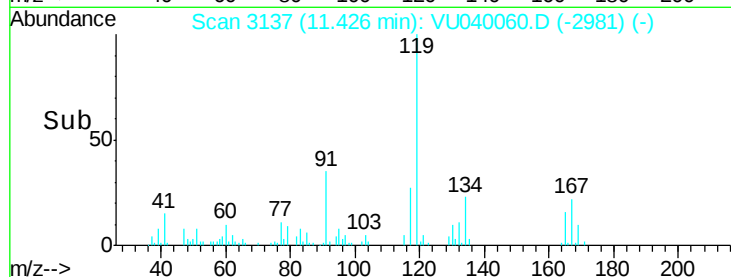
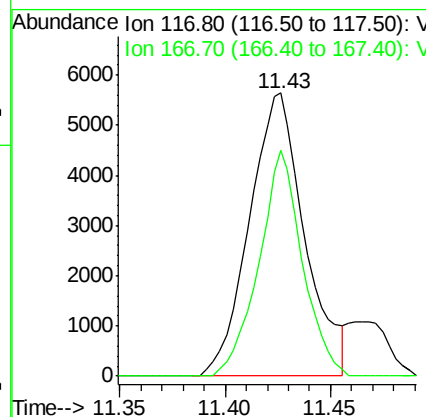
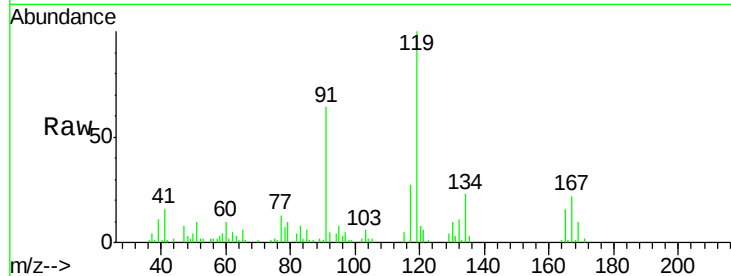
#61
 Pentachloroethane
 Concen: 1.705 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:117 Resp: 10276
 Ion Ratio Lower Upper
 117 100
 167 62.5 54.5 81.7

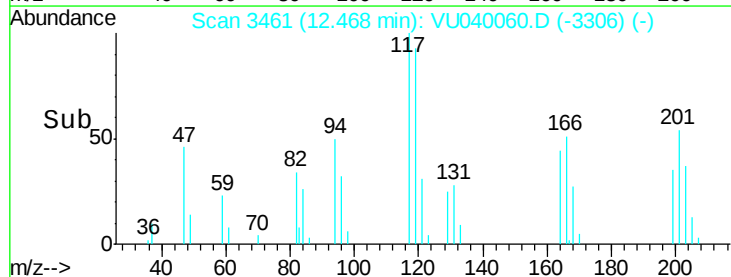
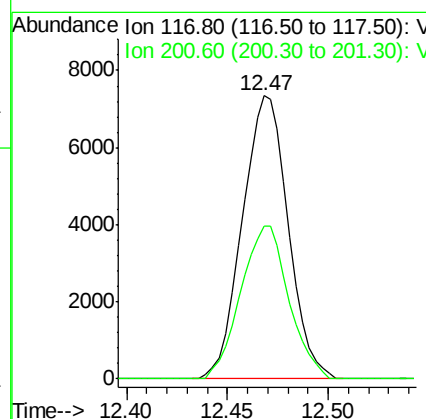
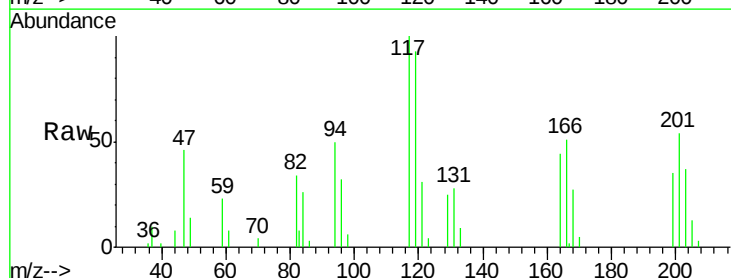
Manual Integrations
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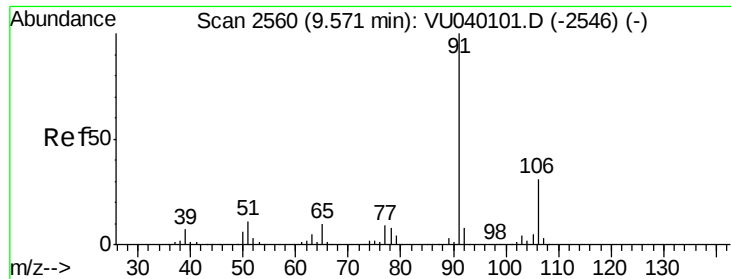
MMDadoda
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#62
 Hexachloroethane
 Concen: 2.007 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:117 Resp: 11664
 Ion Ratio Lower Upper
 117 100
 201 56.6 47.0 70.4





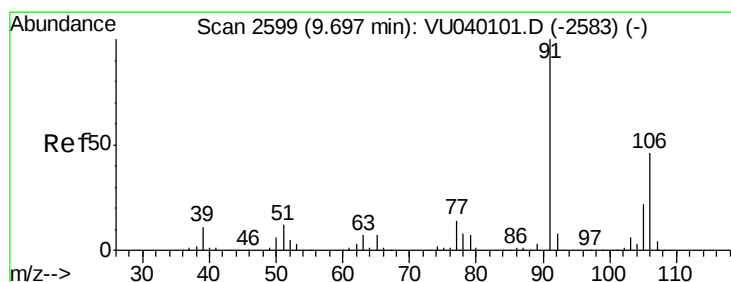
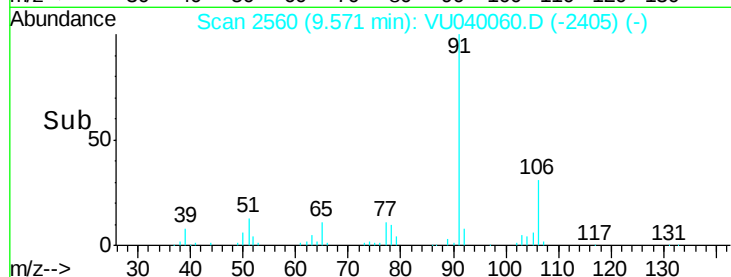
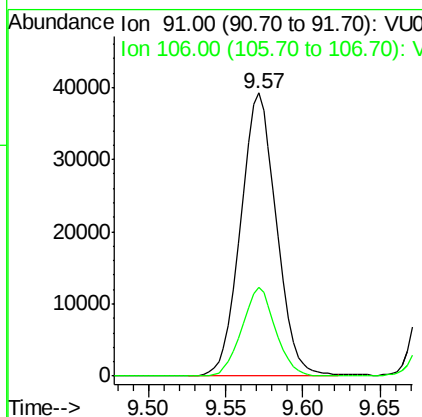
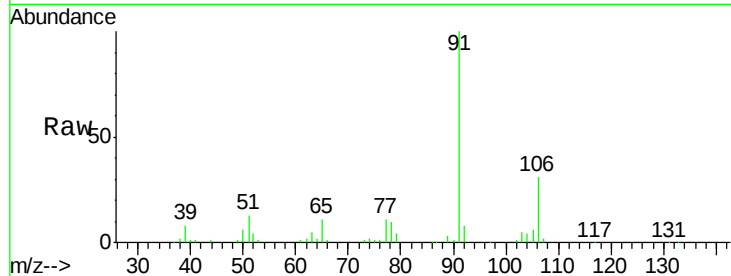
#63
Ethyl Benzene
Concen: 1.688 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 91 Resp: 63201
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.8

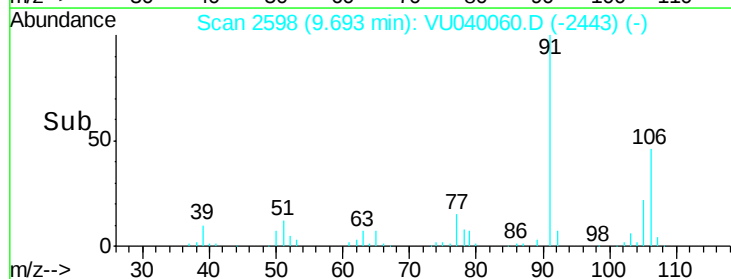
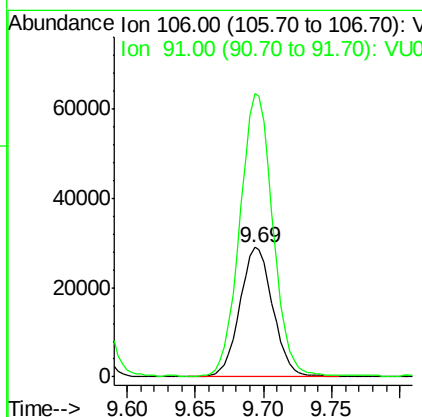
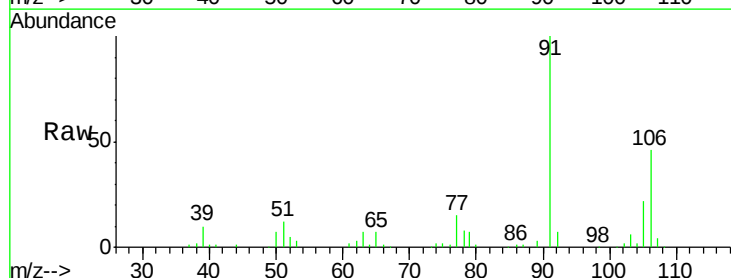
Manual Integrations
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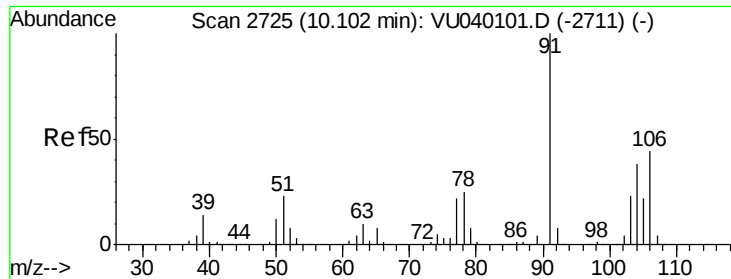
MMDadoda
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#64
m/p-Xylenes
Concen: 3.365 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 106 Resp: 48997
Ion Ratio Lower Upper
106 100
91 219.2 171.4 257.2





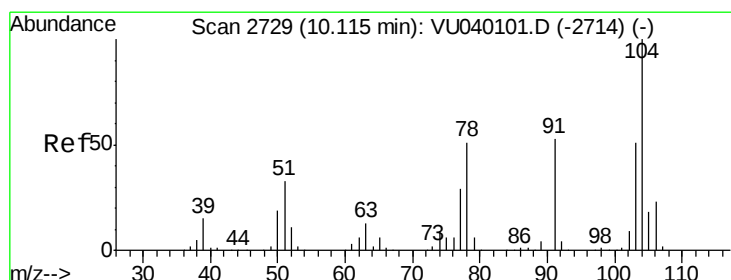
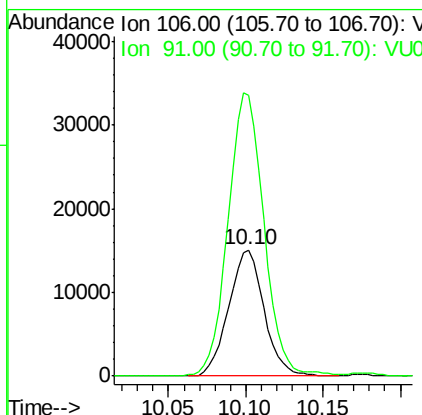
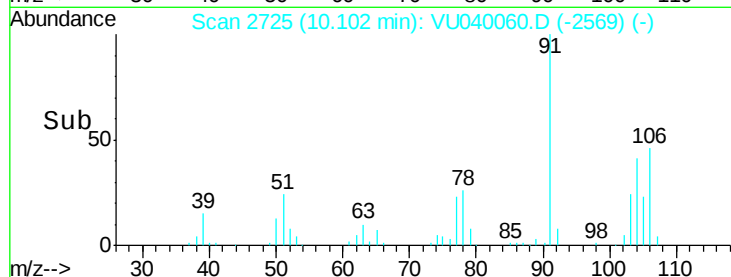
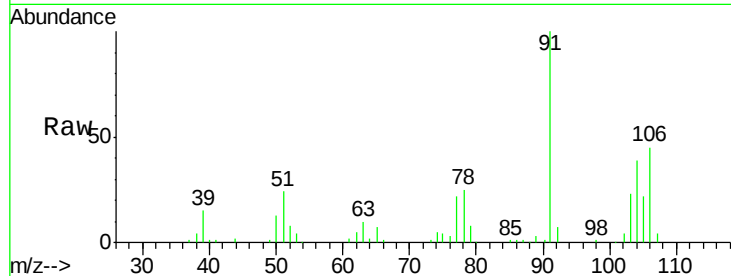
#65
o-Xylene
Concen: 1.724 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:106 Resp: 23886
Ion Ratio Lower Upper
106 100
91 227.7 114.2 342.6

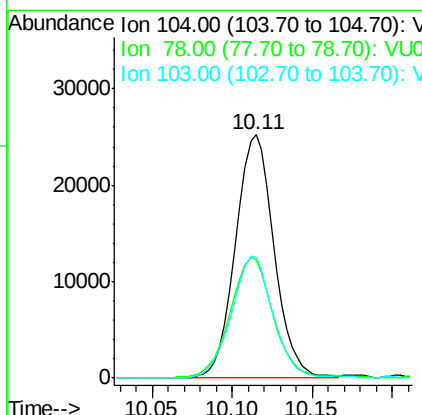
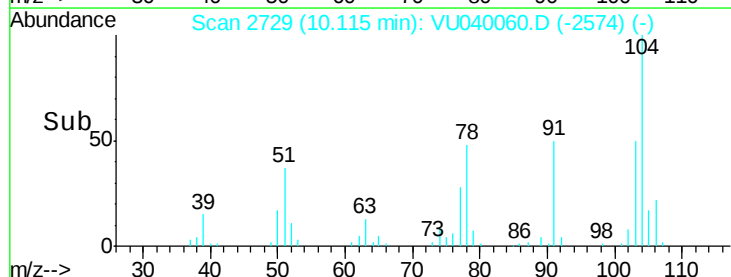
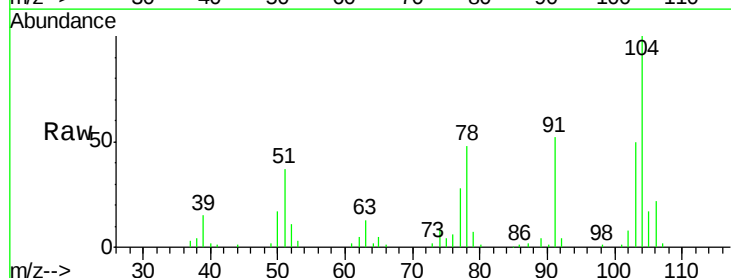
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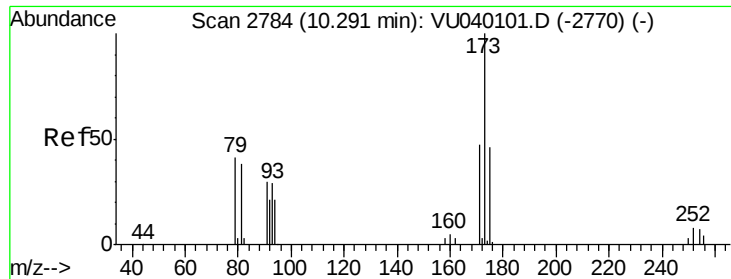
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#66
Styrene
Concen: 1.743 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion:104 Resp: 41568
Ion Ratio Lower Upper
104 100
78 55.7 43.9 65.9
103 53.5 43.7 65.5





#67

Bromoform

Concen: 2.011 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

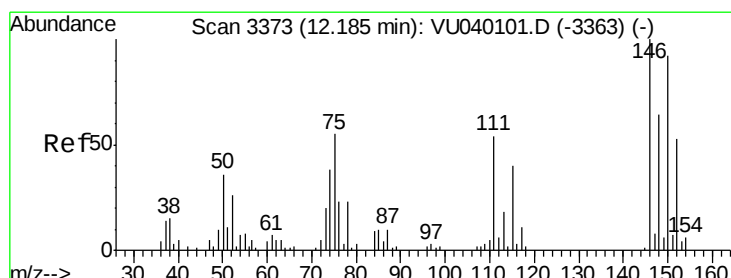
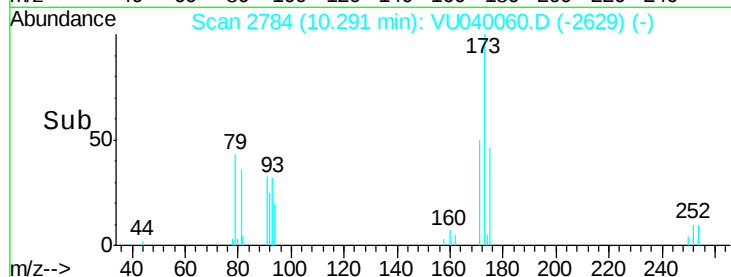
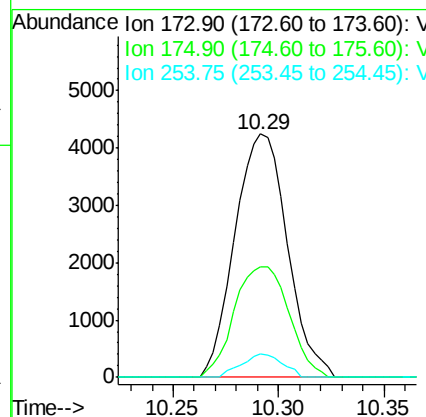
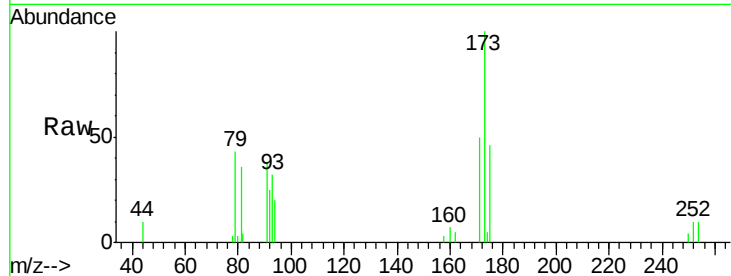
ClientSampleId :

VSTDIC002

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.0	57.0
254	7.5	5.8	8.8

Manual Integrations
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#68

1,2-Dichlorobenzene-d4

Concen: 0.988 ug/l

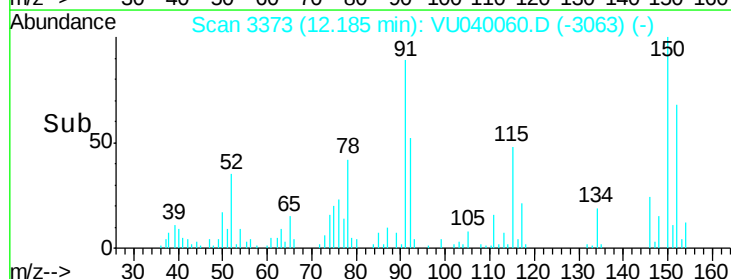
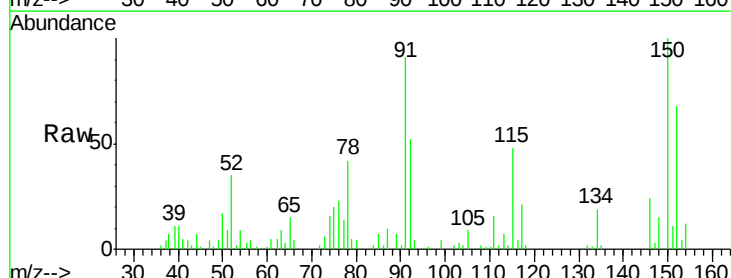
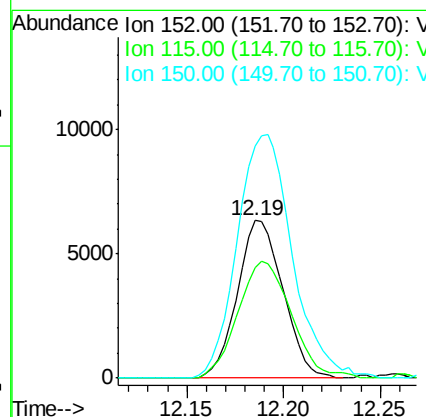
RT: 12.19 min Scan# 3373

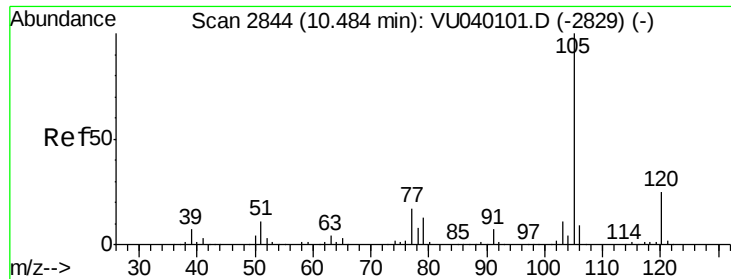
Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.7	0.0	309.0
150	187.7	0.0	658.2





#69

Isopropylbenzene

Concen: 1.684 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 105 Resp: 62569

Ion Ratio Lower Upper

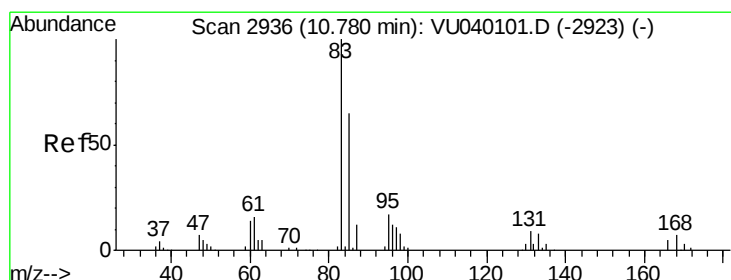
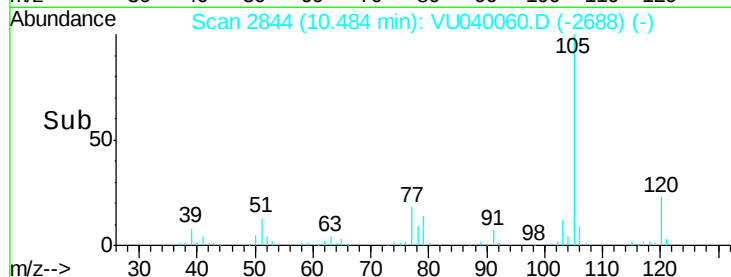
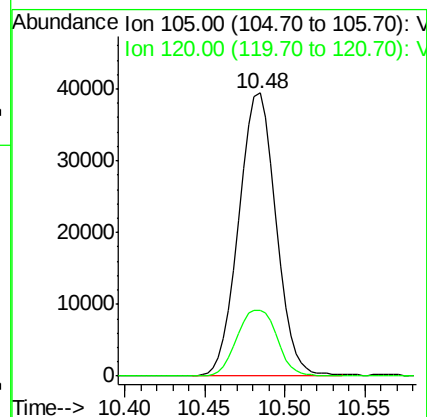
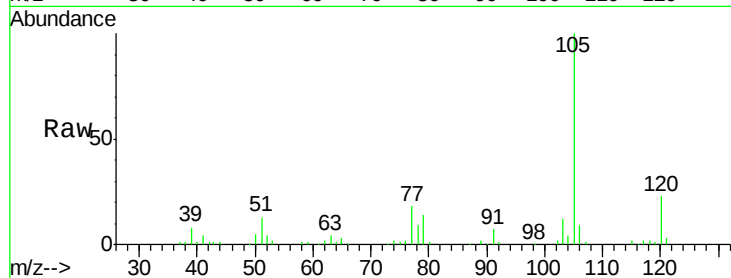
105 100

120 25.1 12.4 37.4

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.819 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

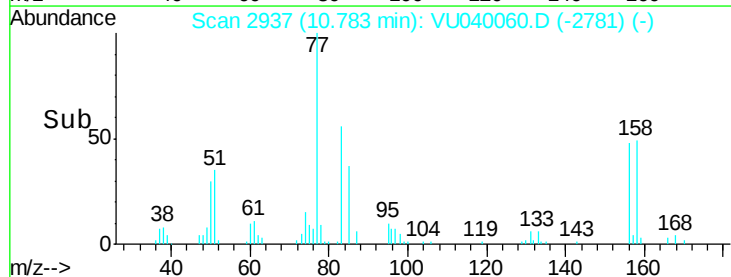
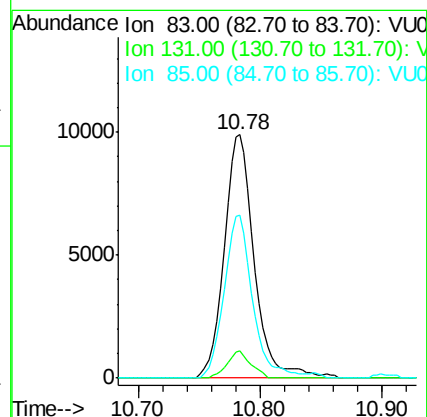
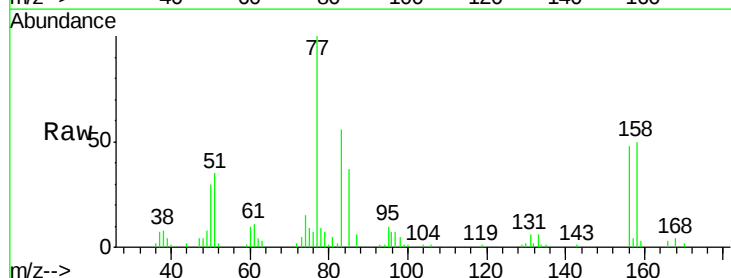
Tgt Ion: 83 Resp: 17096

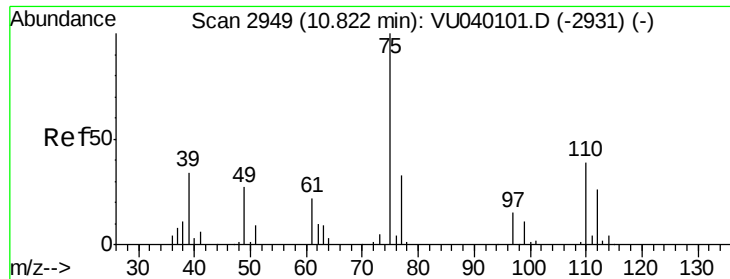
Ion Ratio Lower Upper

83 100

131 8.7 7.5 11.3

85 63.8 49.7 74.5





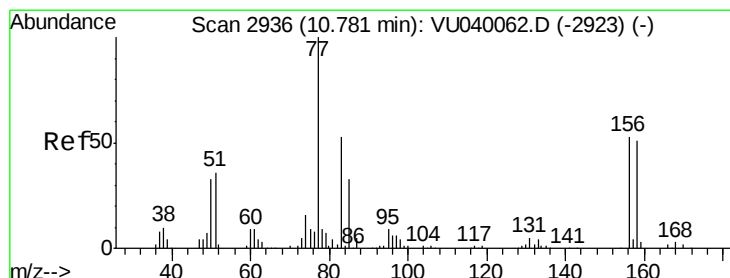
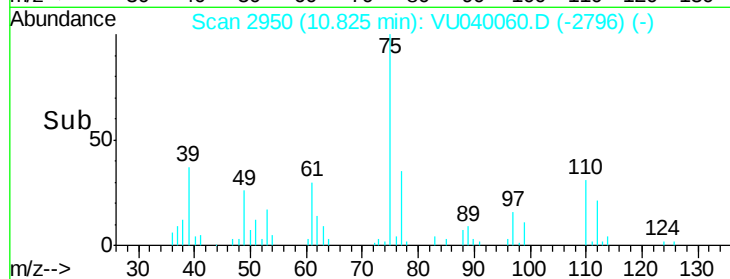
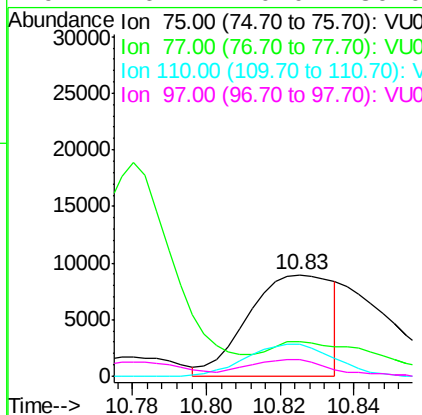
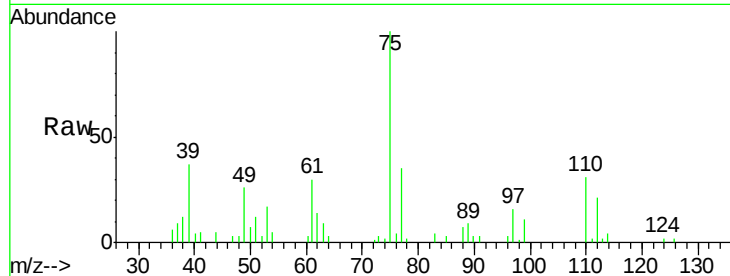
#71
 1,2,3-Trichloropropane
 Concen: 2.059 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	75	Resp	14367
Ion	Ratio	Lower	Upper
75	100		
77	45.5	0.0	111.4
110	32.8	0.0	70.8
97	16.2	0.0	36.0

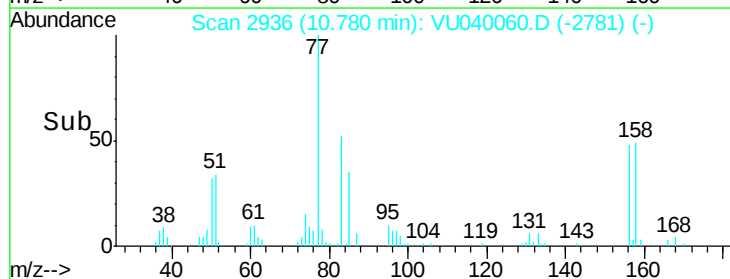
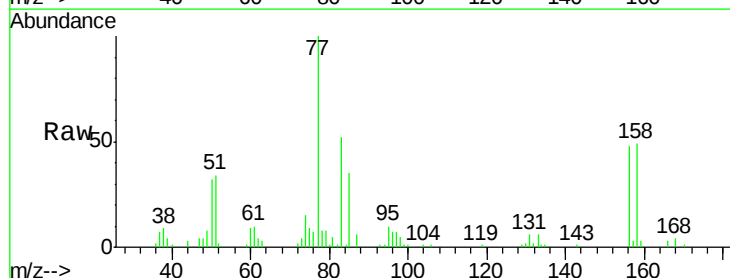
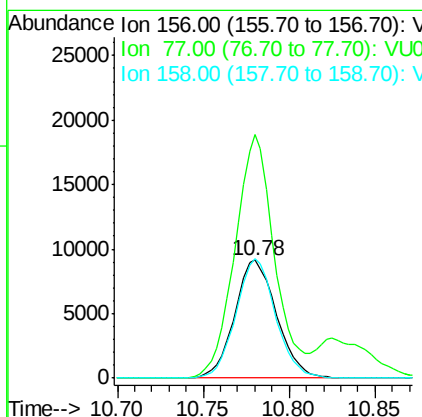
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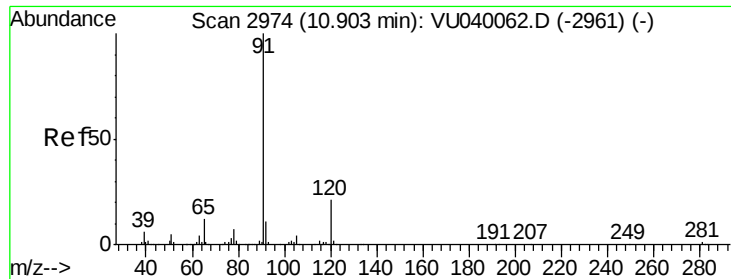
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#72
 Bromobenzene
 Concen: 1.833 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion	156	Resp	15521
Ion	Ratio	Lower	Upper
156	100		
77	192.6	0.0	383.6
158	95.3	0.0	195.0





#73

n-propylbenzene

Concen: 1.678 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:120 Resp: 17497

Ion Ratio Lower Upper

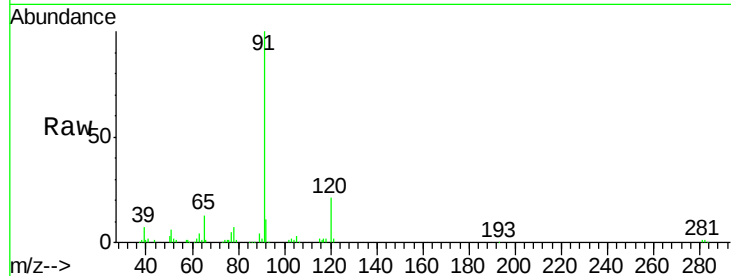
120 100

91 463.2 380.4 570.6

Manual Integrations
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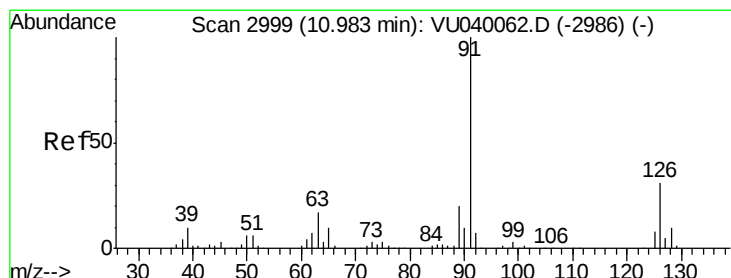
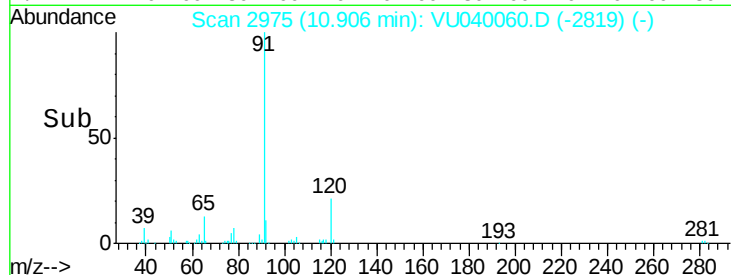
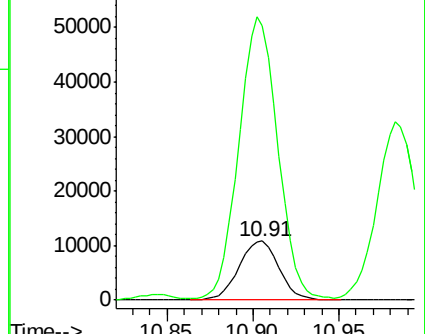
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.731 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040060.D

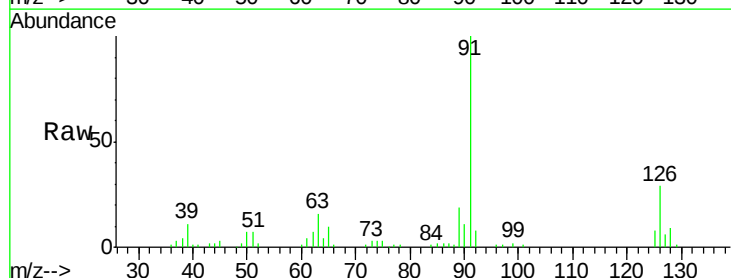
Acq: 09 Sep 2020 11:29

Tgt Ion:126 Resp: 15337

Ion Ratio Lower Upper

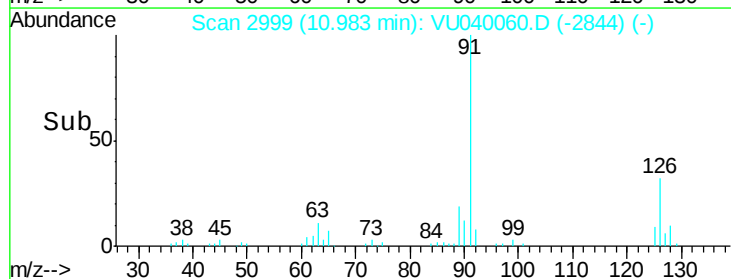
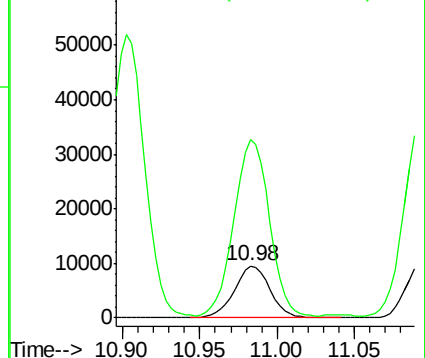
126 100

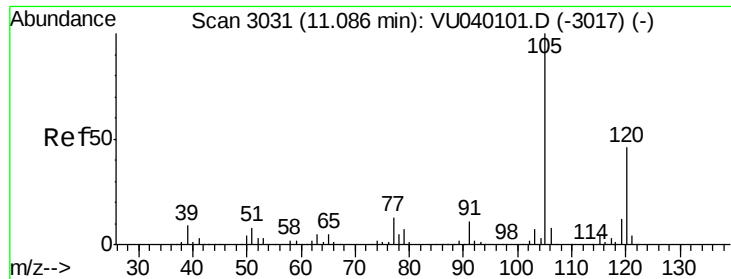
91 333.9 0.0 649.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.755 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 56425

Ion Ratio Lower Upper

105 100

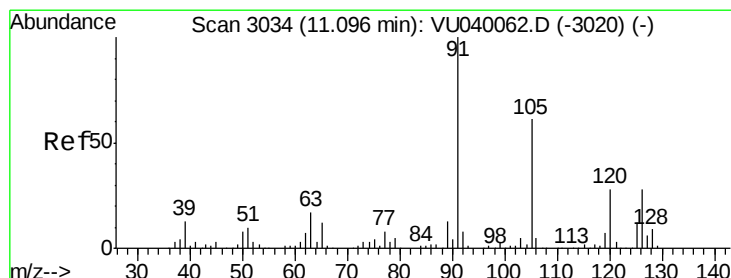
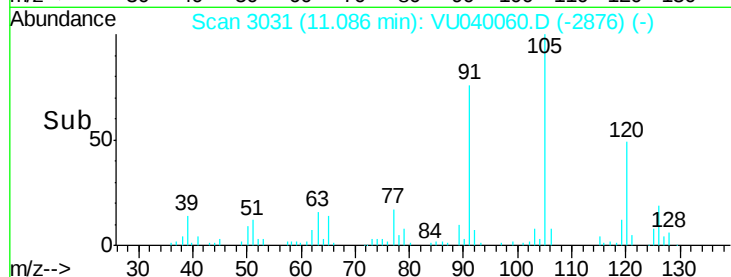
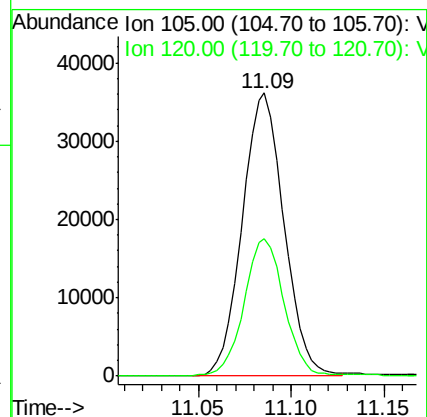
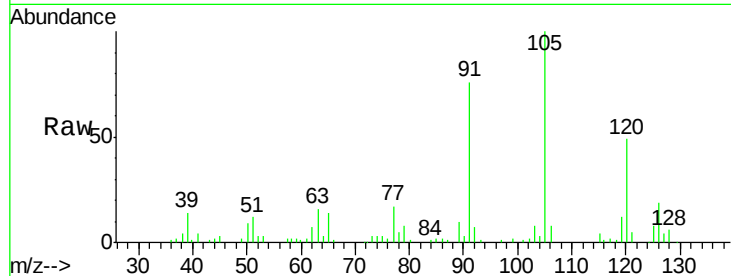
120 46.9 36.6 55.0

Manual Integrations

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#76

4-Chlorotoluene

Concen: 1.834 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040060.D

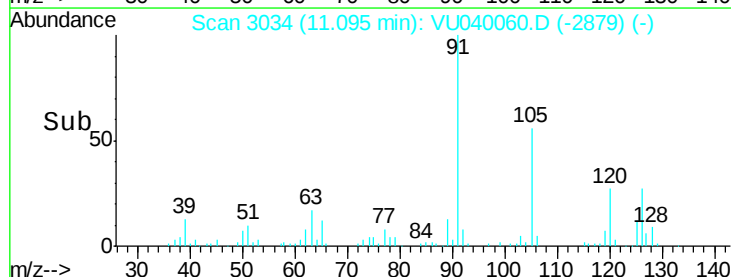
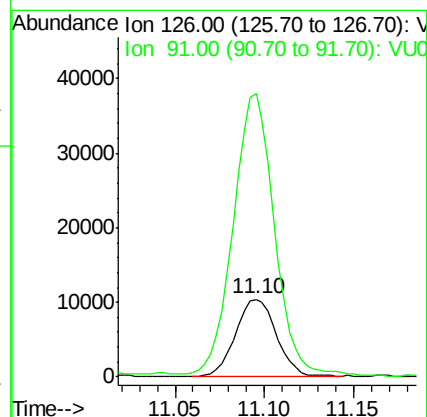
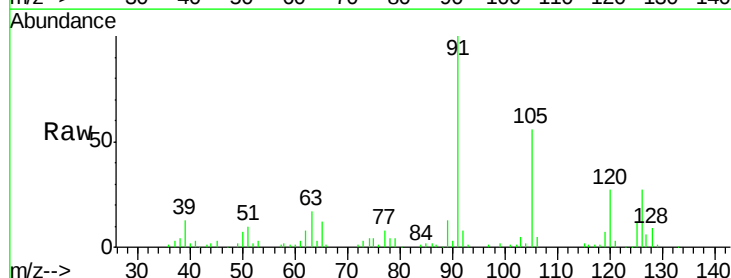
Acq: 09 Sep 2020 11:29

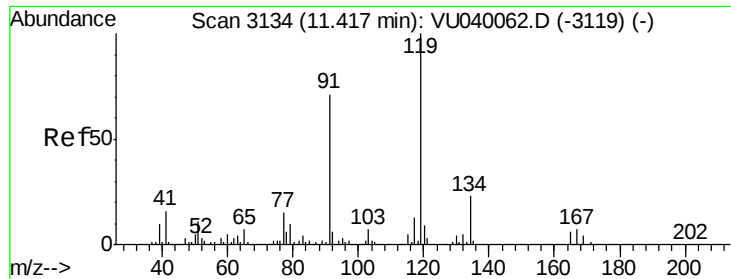
Tgt Ion:126 Resp: 16872

Ion Ratio Lower Upper

126 100

91 362.5 0.0 735.6





#77

tert-Butylbenzene

Concen: 1.690 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

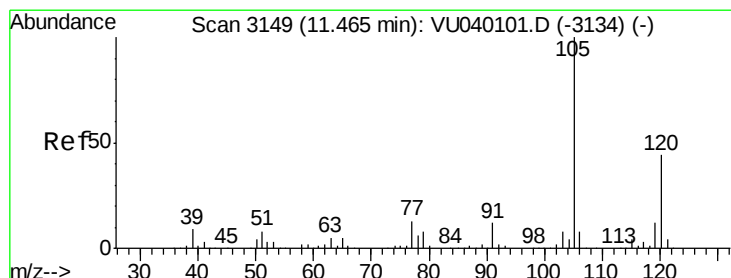
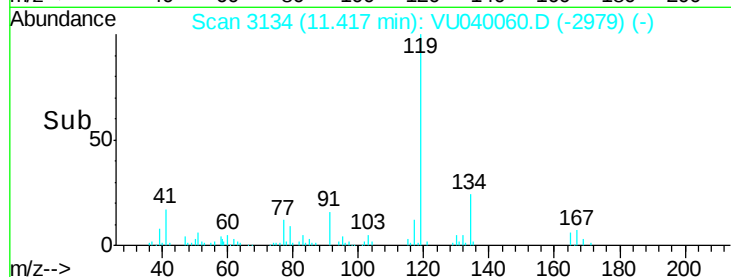
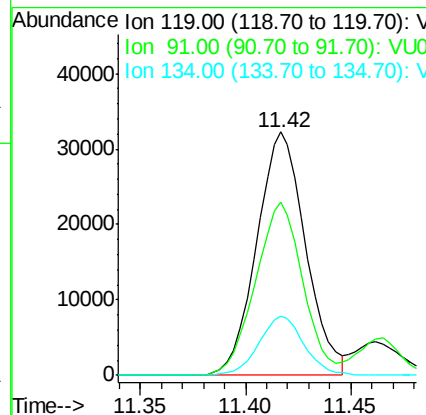
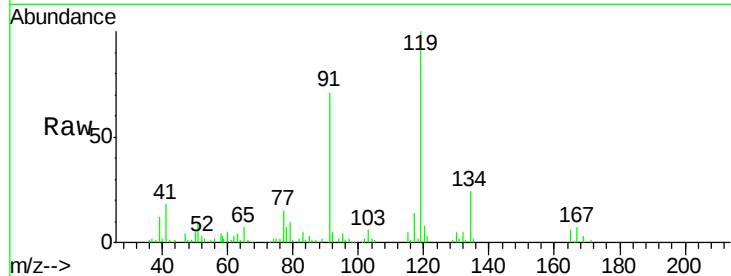
ClientSampleId :

VSTDIC002

Tot Ion:	119	Resp:	51807
Ion Ratio	Lower	Upper	
119	100		
91	68.8	34.2	102.5
134	22.6	18.2	27.4

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#78

1,2,4-Trimethylbenzene

Concen: 1.761 ug/l

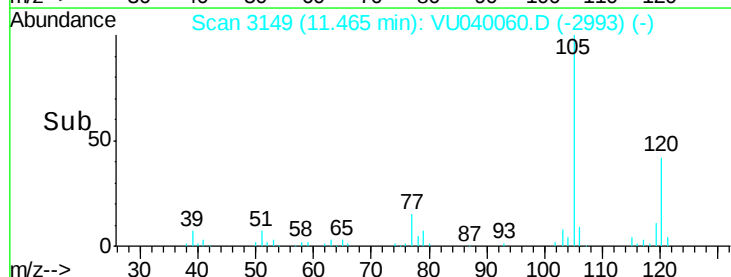
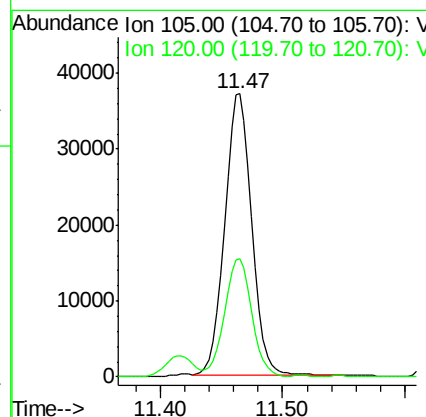
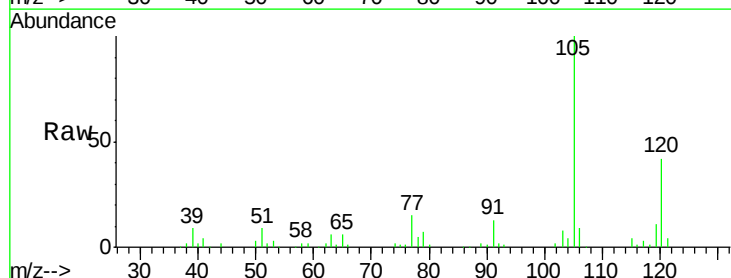
RT: 11.47 min Scan# 3149

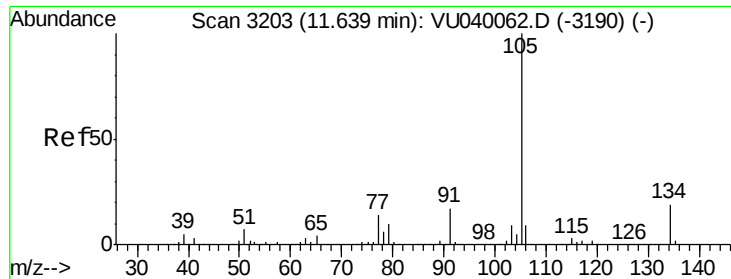
Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Tgt Ion:	105	Resp:	57989
Ion Ratio	Lower	Upper	
105	100		
120	41.5	21.9	65.5





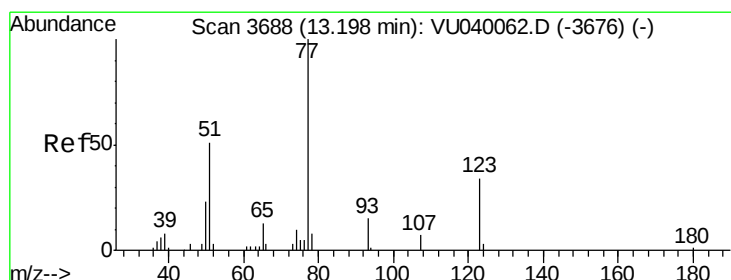
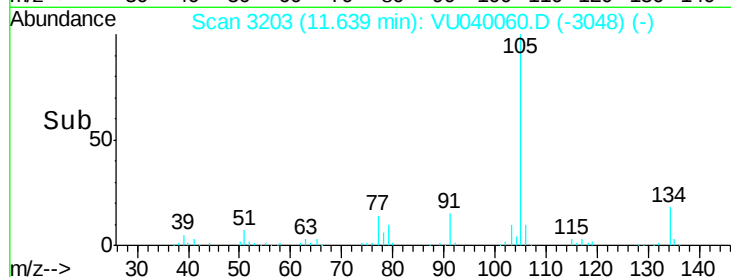
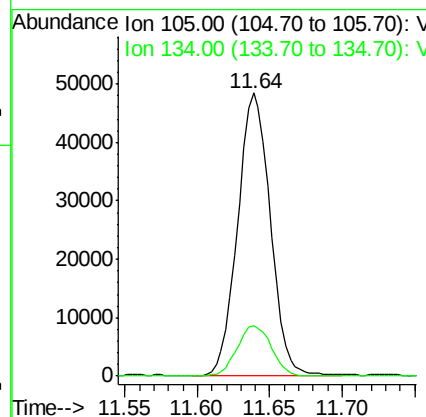
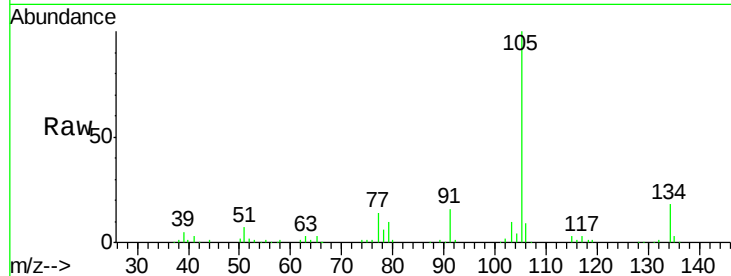
#79
 sec-Butylbenzene
 Concen: 1.738 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC002

Tot Ion: 105 Resp: 76218
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.4

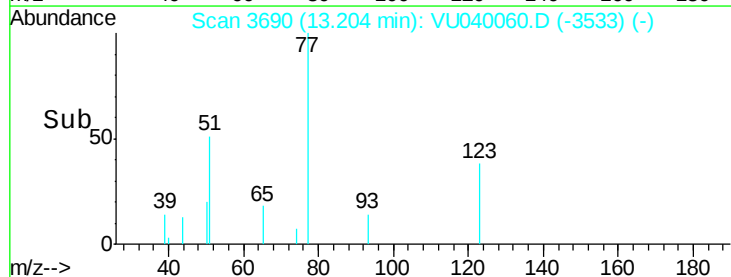
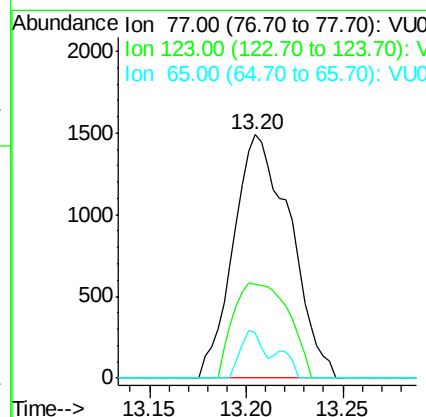
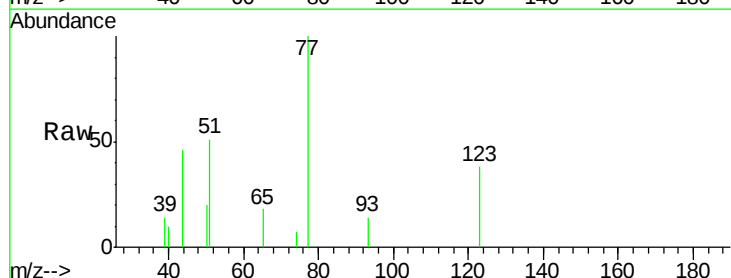
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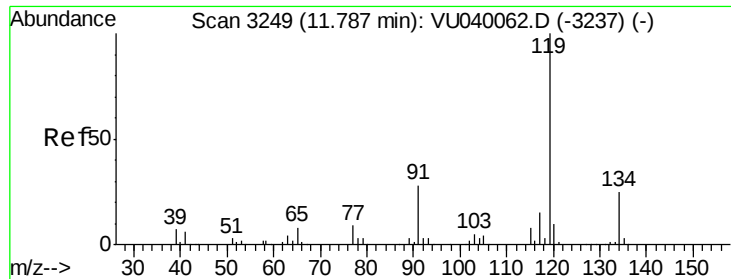
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#80
 Nitrobenzene
 Concen: 15.365 ug/l
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.01 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 77 Resp: 3037
 Ion Ratio Lower Upper
 77 100
 123 38.0 16.4 58.0
 65 5.2 12.5 15.9#





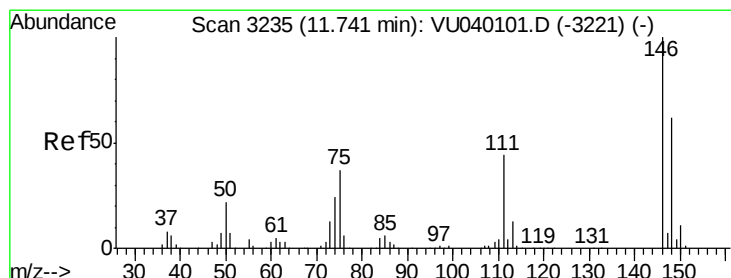
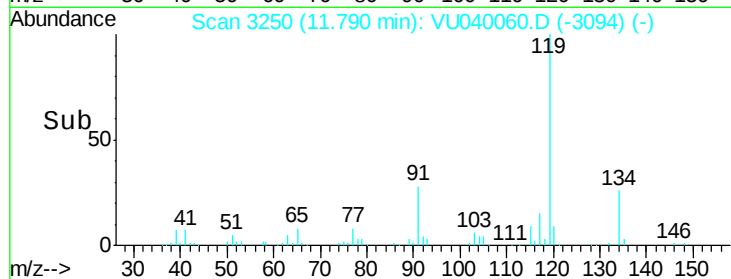
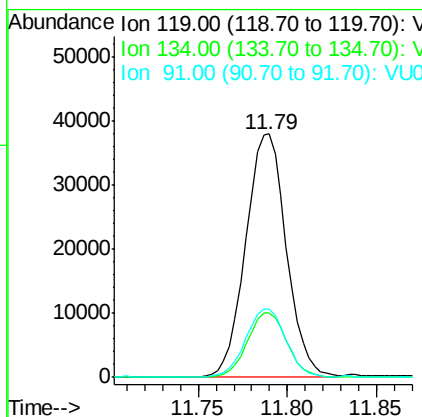
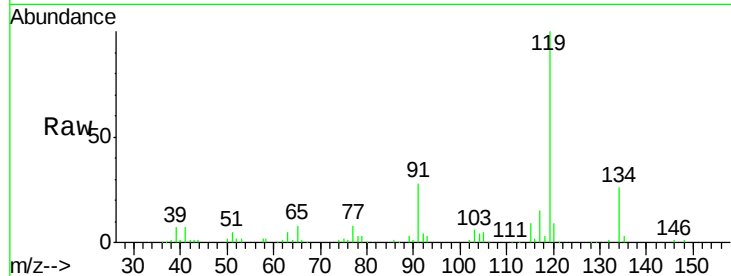
#81
 p-Isopropyltoluene
 Concen: 1.712 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:	119	Resp:	60421
Ion Ratio	Lower	Upper	
119	100		
134	25.6	20.3	30.5
91	27.9	22.2	33.2

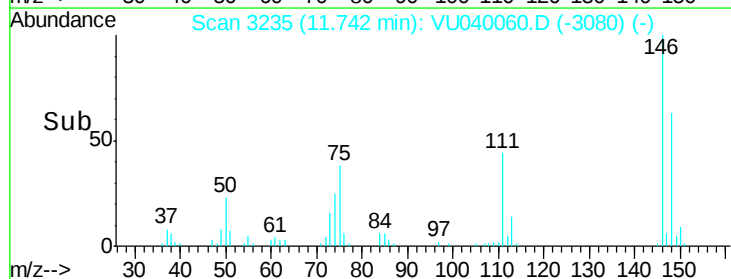
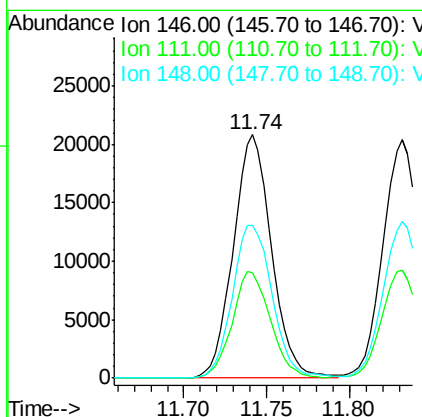
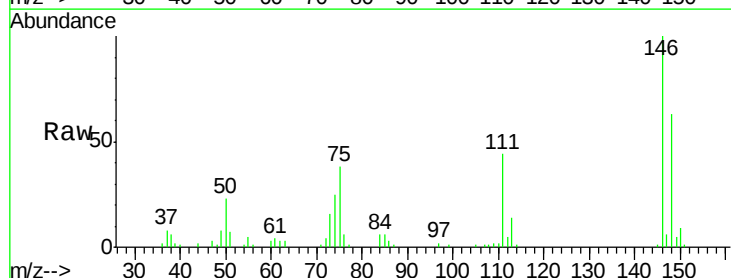
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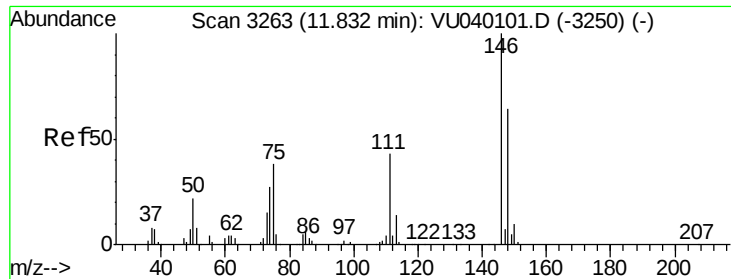
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#82
 1,3-Dichlorobenzene
 Concen: 1.828 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:	146	Resp:	33420
Ion Ratio	Lower	Upper	
146	100		
111	43.7	35.4	53.0
148	65.4	49.7	74.5





#83

1,4-Dichlorobenzene

Concen: 1.782 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

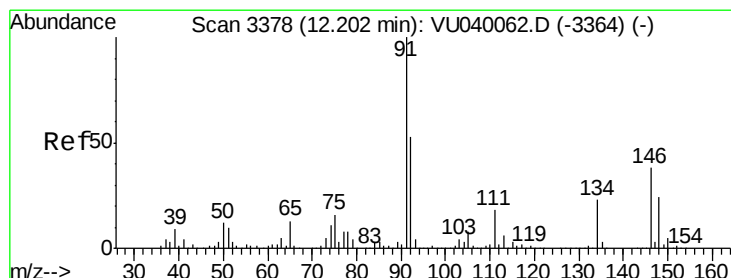
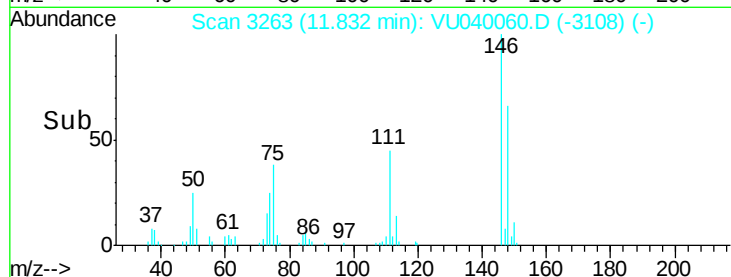
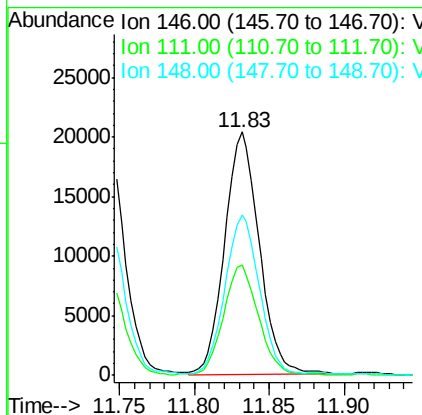
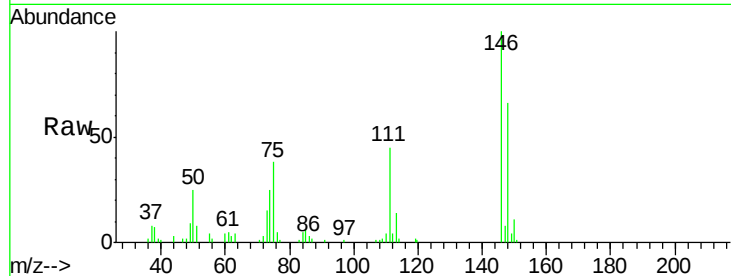
ClientSampleId :

VSTDIC002

Tot Ion:	146	Resp:	32843
Ion Ratio	Lower	Upper	
146	100		
111	46.1	34.2	51.2
148	64.1	50.2	75.2

Manual Integrations
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#84

n-Butylbenzene

Concen: 1.574 ug/l

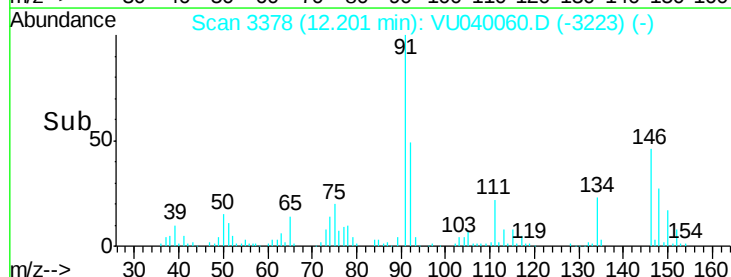
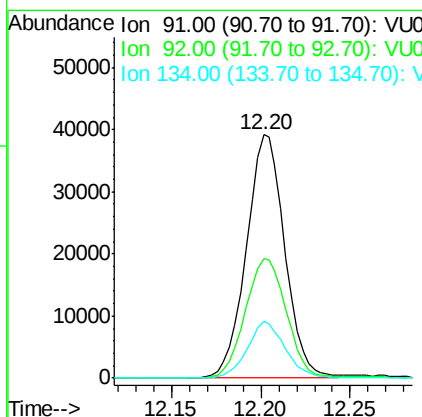
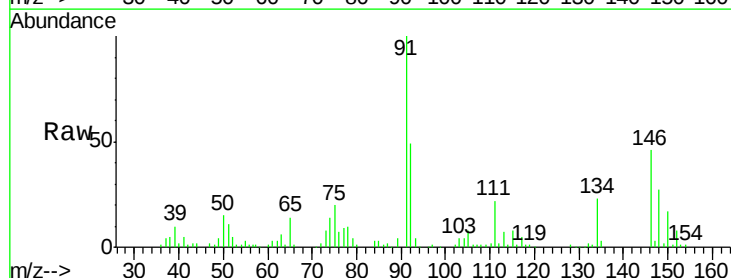
RT: 12.20 min Scan# 3378

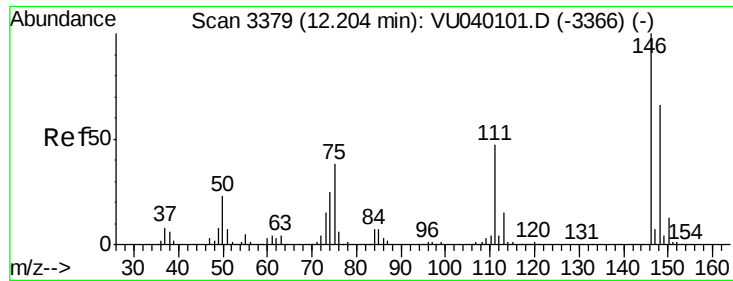
Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Tgt Ion:	91	Resp:	58999
Ion Ratio	Lower	Upper	
91	100		
92	52.4	43.0	64.4
134	22.8	18.6	27.8





#85

1,2-Dichlorobenzene

Concen: 1.882 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

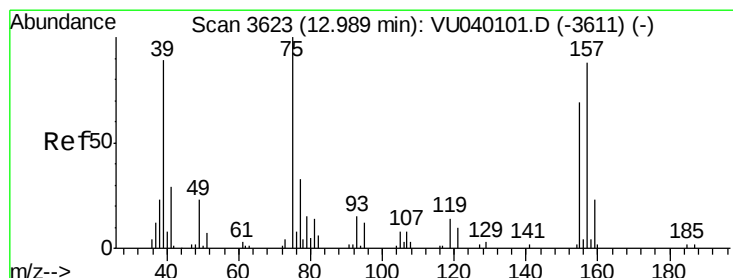
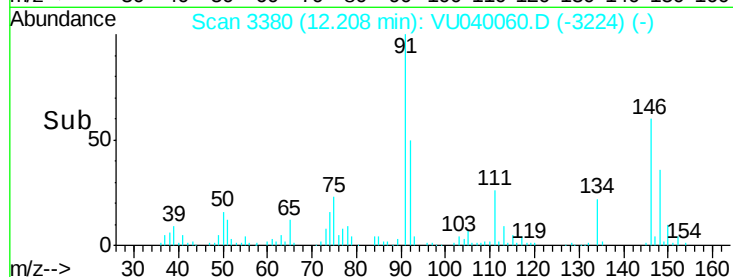
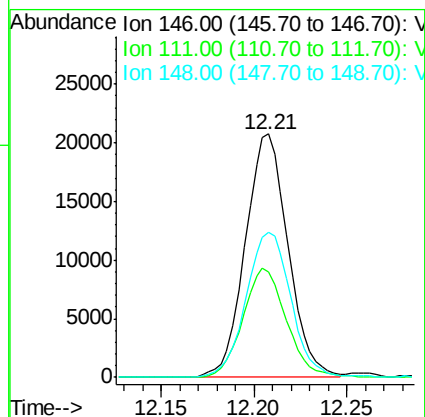
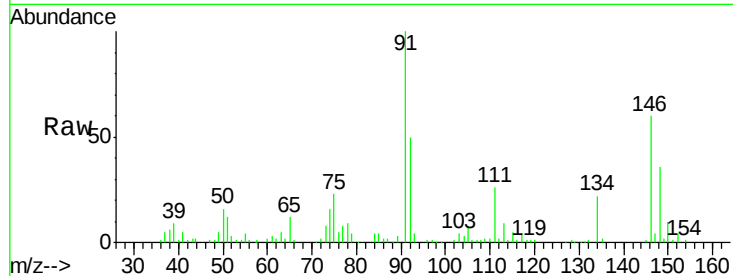
ClientSampleId :

VSTDIC002

Tot Ion:	146	Resp:	33188
Ion Ratio	Lower	Upper	
146	100		
111	45.4	22.9	68.7
148	62.8	31.1	93.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 1.830 ug/l

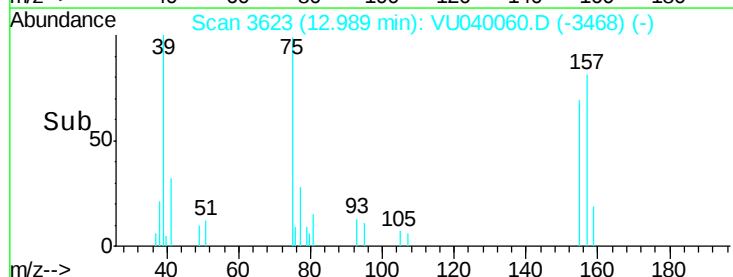
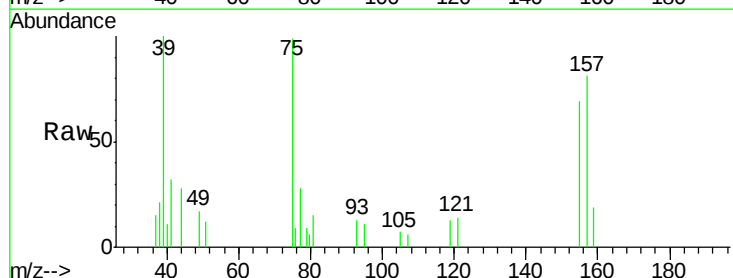
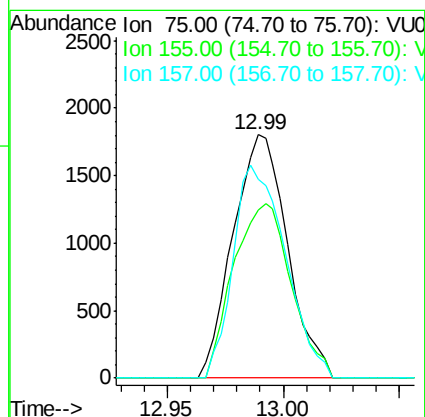
RT: 12.99 min Scan# 3623

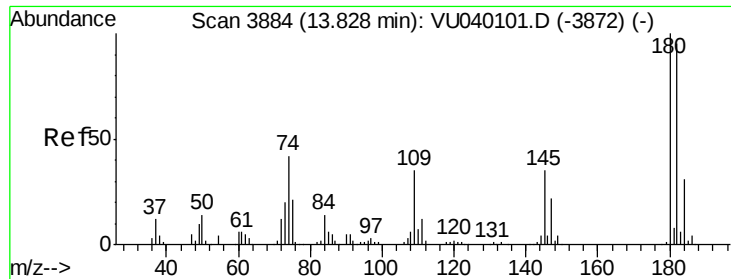
Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Tgt Ion:	75	Resp:	2943
Ion Ratio	Lower	Upper	
75	100		
155	75.9	53.4	80.0
157	84.1	65.8	98.8





#87

1,2,4-Trichlorobenzene

Concen: 1.533 ug/l

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

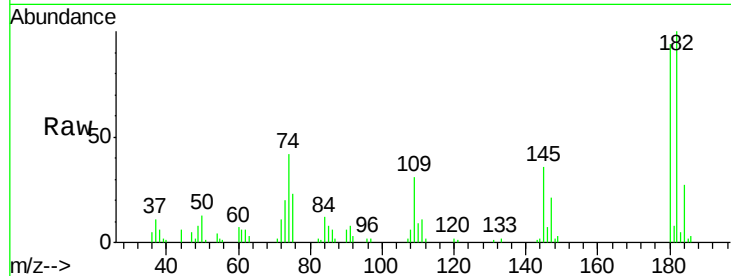
ClientSampleId :

VSTDIC002

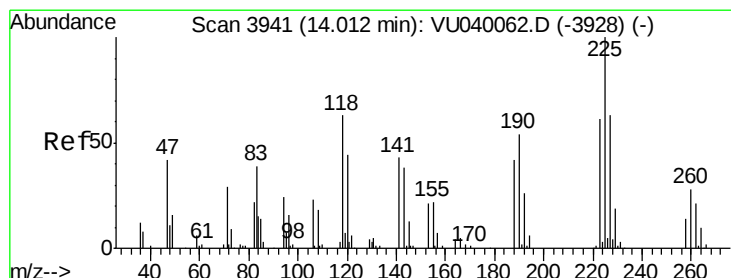
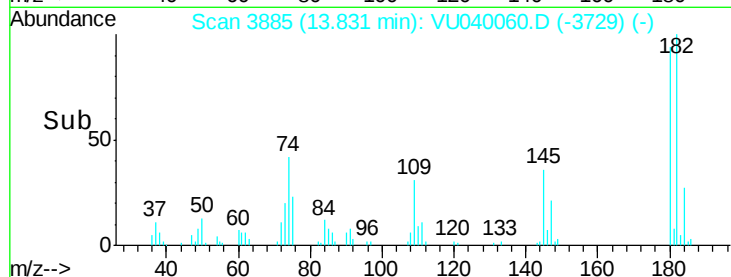
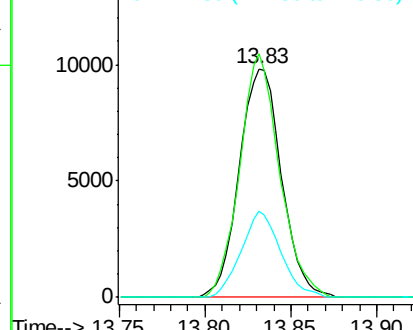
Tot Ion:	180	Resp:	16777
Ion Ratio	Lower	Upper	
180	100		
182	100.5	75.0	112.4
145	35.2	27.7	41.5

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



#88

Hexachlorobutadiene

Concen: 1.965 ug/l

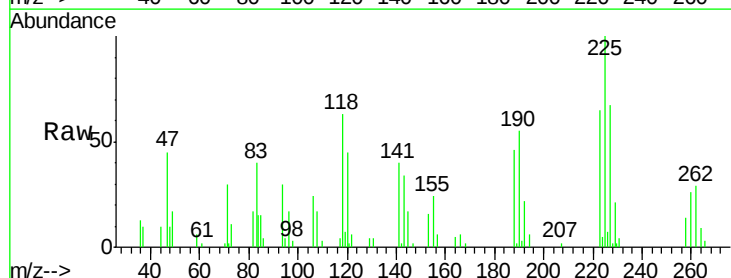
RT: 14.01 min Scan# 3941

Delta R.T. -0.00 min

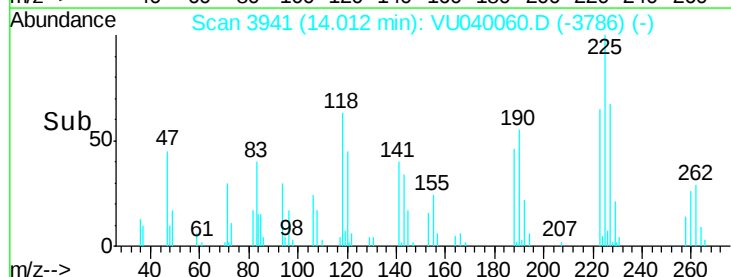
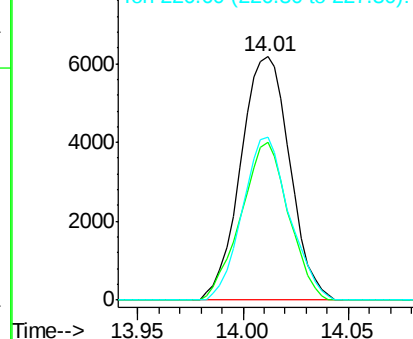
Lab File: VU040060.D

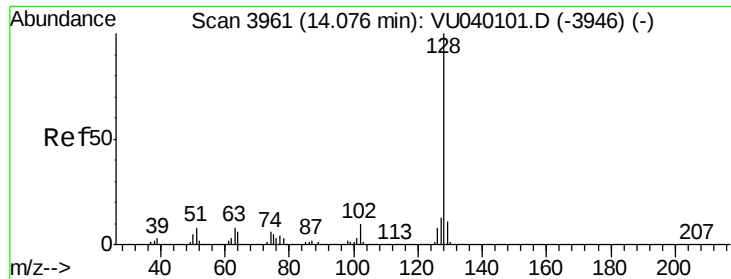
Acq: 09 Sep 2020 11:29

Tgt Ion:	225	Resp:	10006
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.7	76.1
227	63.9	51.1	76.7



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





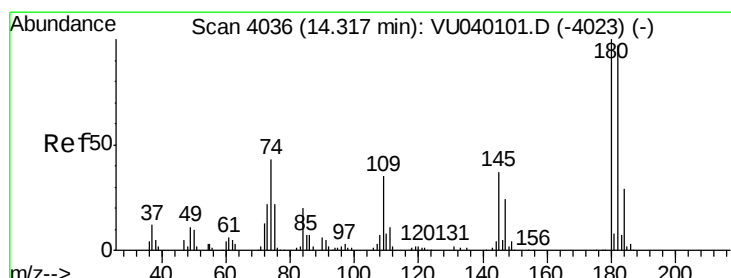
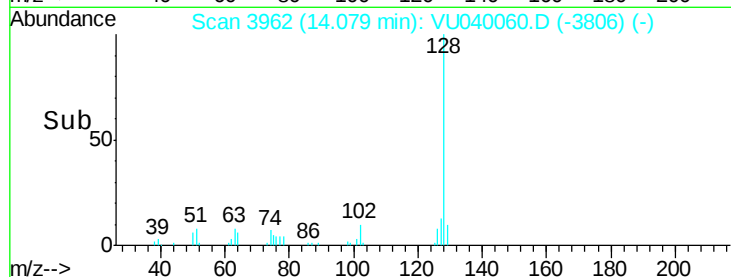
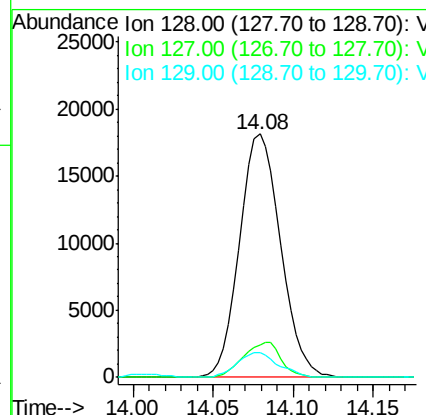
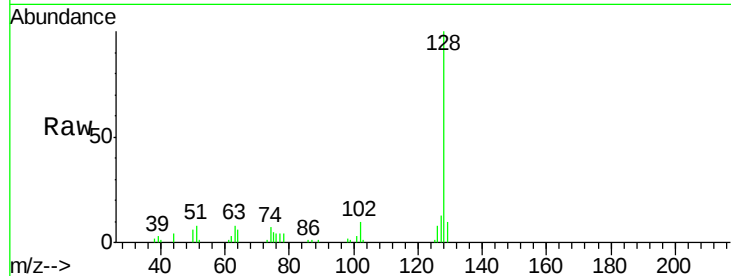
#89
Naphthalene
Concen: 1.364 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.2	8.3	12.5

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 1.534 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	36.3	30.6	45.8

