

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031020\
 Data File : VU037149.D
 Acq On : 10 Mar 2020 13:13
 Operator : JC/MD
 Sample : VU0310WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Manual Integrations
 APPROVED

Quant Time: Mar 10 13:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

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 3/11/2020 3:32:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	15679	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	5763	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6057	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						Ovalue
2) Dichlorodifluoromethane	1.39	85	15568	2.034	ug/l	100
3) Chloromethane	1.54	50	16255	2.136	ug/l	98
4) Vinyl Chloride	1.62	62	13592	2.032	ug/l	100
5) Bromomethane	1.87	94	4808	2.061	ug/l	96
6) Chloroethane	1.95	64	6731	2.100	ug/l	99
7) Trichlorofluoromethane	2.16	101	16778	2.064	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	8337	2.186	ug/l	93
9) 1,1-Dichloroethene	2.61	96	8033	2.216	ug/l	80
10) Iodomethane	2.75	142	2224	1.719	ug/l #	67
11) Allyl Chloride	2.95	41	14277	2.031	ug/l #	61
12) Acrylonitrile	3.36	53	3995	4.658	ug/l #	77
13) Acetone	2.67	43	10300	10.806	ug/l #	76
14) Carbon Disulfide	2.82	76	24018	1.989	ug/l	100
15) Methylene Chloride	3.08	84	10465	2.299	ug/l #	79
16) trans-1,2-Dichloroethene	3.38	96	7797	2.025	ug/l	90
17) 1,1-Dichloroethane	3.91	63	18244	2.044	ug/l	97
18) 2-Butanone	4.78	43	15078	10.349	ug/l	94
19) Cyclohexane	5.42	56	13989m	1.840	ug/l	
20) Methylcyclohexane	6.79	83	13141	1.750	ug/l #	80
21) 2,2-Dichloropropane	4.70	77	16089	1.975	ug/l	94
22) cis-1,2-Dichloroethene	4.71	96	9644	2.022	ug/l	83
23) Diethyl Ether	2.40	59	6326	2.060	ug/l #	87
24) tert-Butyl Alcohol	3.28	59	5976m	17.796	ug/l	
25) Methyl tert-Butyl Ether	3.41	73	22384	2.107	ug/l #	67
26) Bromochloromethane	5.02	128	4417	2.104	ug/l	82
27) Chloroform	5.13	83	18729	1.948	ug/l	95
28) 1,1,1-Trichloroethane	5.35	97	16886	2.061	ug/l	96
29) 1,1-Dichloropropene	5.56	75	13134	1.972	ug/l	97
30) Carbon Tetrachloride	5.56	117	14509	2.023	ug/l	97
31) Isopropyl Ether	4.05	45	27344	1.919	ug/l	82
32) Ethyl-t-butyl ether	4.56	59	25328	1.883	ug/l	93
33) Tert-Amyl methyl ether	5.99	73	21414	1.855	ug/l	98
34) Propionitrile	4.85	54	3519	9.183	ug/l #	88
35) Benzene	5.81	78	37802	1.998	ug/l	99
36) 1,2-Dichloroethane	5.83	62	13945	2.033	ug/l #	93
37) Trichloroethene	6.57	130	9652	1.944	ug/l	92
38) 1,2-Dichloropropane	6.83	63	10663	2.054	ug/l	99
39) Methacrylonitrile	5.02	41	3765	2.036	ug/l #	78
40) Methyl acrylate	4.90	55	5873	2.297	ug/l #	84
41) Tetrahydrofuran	5.12	42	3417	3.704	ug/l #	78
42) 1-Chlorobutane	5.49	56	18921	1.973	ug/l	80

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 MSVOA_U
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 VU0310WBS01

Manual Integrations
 APPROVED

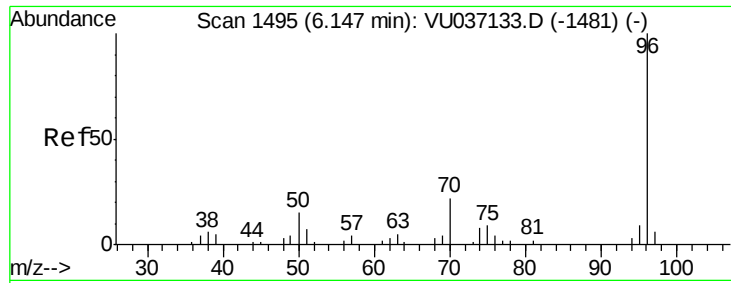
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Quant Time: Mar 10 13:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.95	93	5871	2.206	ug/l #	88
44) Bromodichloromethane	7.14	83	13968	2.016	ug/l	99
45) 4-Methyl-2-Pentanone	7.83	43	33960	9.515	ug/l #	84
46) t-1,4-Dichloro-2-butene	10.86	75	4008m	4.103	ug/l	
47) Methyl methacrylate	7.00	69	8496	3.862	ug/l #	62
48) Ethyl methacrylate	8.37	69	7410	1.705	ug/l	66
49) Toluene	8.00	92	22240	1.947	ug/l	96
50) t-1,3-Dichloropropene	8.24	75	11401	1.826	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	13622	1.911	ug/l #	81
52) 1,1,2-Trichloroethane	8.43	97	7527	2.120	ug/l	94
53) 1,3-Dichloropropane	8.60	76	12463	1.979	ug/l	95
54) 2-Hexanone	8.72	43	22998	9.354	ug/l	81
55) Dibromochloromethane	8.83	129	8648	1.968	ug/l	98
56) 1,2-Dibromoethane	8.95	107	6894	2.050	ug/l	99
58) Tetrachloroethene	8.58	164	9698	2.082	ug/l	96
59) Chlorobenzene	9.47	112	24919	1.954	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	8952	1.918	ug/l	96
61) Pentachloroethane	11.45	117	7007	1.968	ug/l	87
62) Hexachloroethane	12.49	117	7451	1.955	ug/l	82
63) Ethyl Benzene	9.59	91	39880	1.832	ug/l	96
64) m/p-Xylenes	9.72	106	30933	3.754	ug/l	85
65) o-Xylene	10.12	106	15839	1.992	ug/l	97
66) Styrene	10.14	104	24122	1.854	ug/l	94
67) Bromoform	10.31	173	4869	2.099	ug/l #	96
69) Isopropylbenzene	10.50	105	41302	1.906	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.80	83	9311	1.994	ug/l	95
71) 1,2,3-Trichloropropane	10.84	75	7226m	1.893	ug/l	
72) Bromobenzene	10.80	156	9877	1.884	ug/l	87
73) n-propylbenzene	10.92	120	10952	1.907	ug/l	77
74) 2-Chlorotoluene	11.01	126	10238	1.969	ug/l	83
75) 1,3,5-Trimethylbenzene	11.10	105	35613	1.898	ug/l	97
76) 4-Chlorotoluene	11.12	126	10182	1.945	ug/l	68
77) tert-Butylbenzene	11.44	119	34557	1.889	ug/l	96
78) 1,2,4-Trimethylbenzene	11.48	105	36928	1.950	ug/l	94
79) sec-Butylbenzene	11.66	105	48807	1.961	ug/l	98
80) Nitrobenzene	13.25	77	504	4.930	ug/l #	59
81) p-Isopropyltoluene	11.81	119	38568	1.966	ug/l	94
82) 1,3-Dichlorobenzene	11.76	146	21134	2.034	ug/l	96
83) 1,4-Dichlorobenzene	11.85	146	21283	2.022	ug/l	98
84) n-Butylbenzene	12.23	91	34989	1.883	ug/l	95
85) 1,2-Dichlorobenzene	12.23	146	20021	1.992	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	1539	1.867	ug/l #	74
87) 1,2,4-Trichlorobenzene	13.88	180	8786	1.739	ug/l	97
88) Hexachlorobutadiene	14.06	225	6490	2.075	ug/l	99
89) Naphthalene	14.12	128	12484	1.616	ug/l	98
90) 1,2,3-Trichlorobenzene	14.37	180	8688	1.767	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampled :

VU0310WBS01

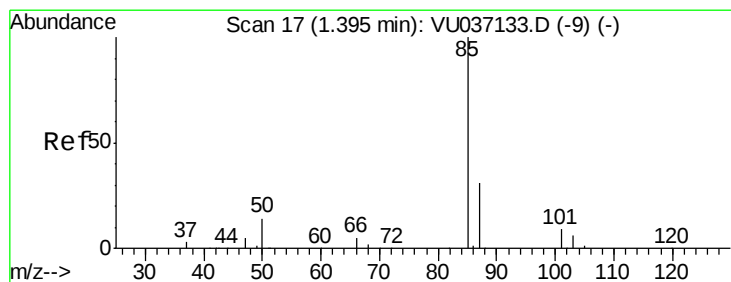
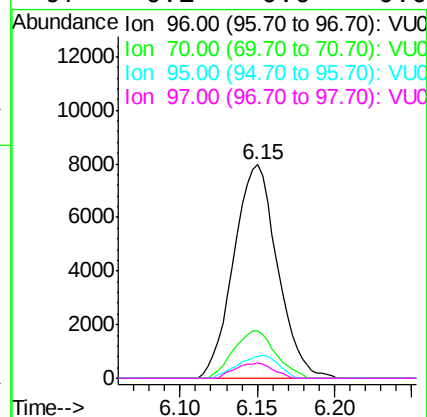
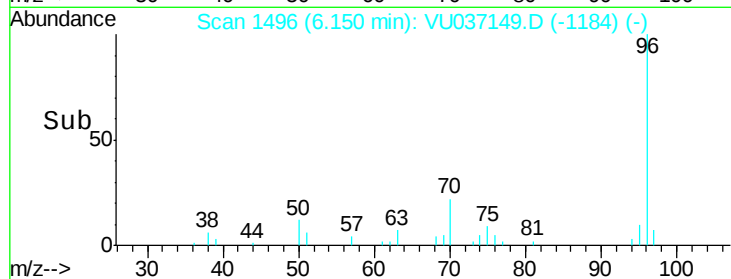
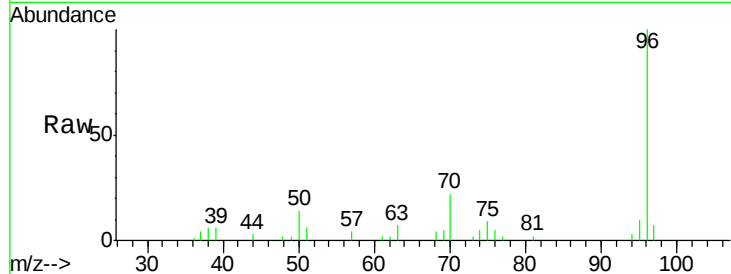
Tot Ion: 96 Resp: 15679

Ion	Ratio	Lower	Upper
96	100		
70	21.1	15.6	23.4
95	9.9	7.0	10.6
97	6.1	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 2.034 ug/l

RT: 1.39 min Scan# 17

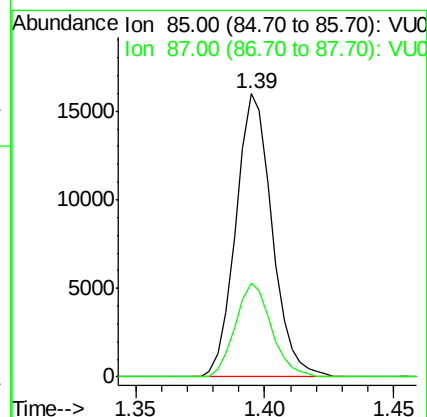
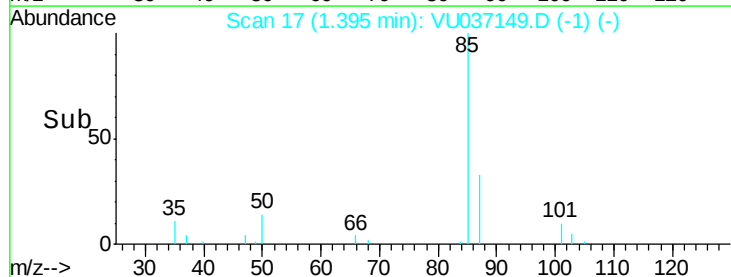
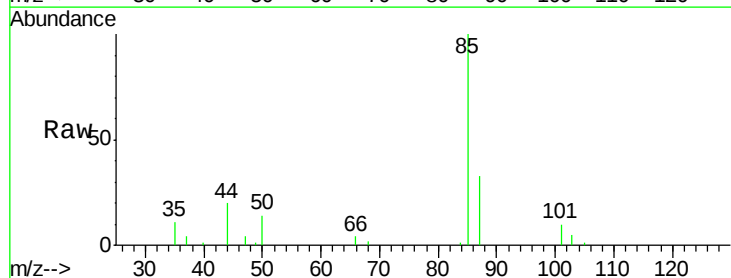
Delta R.T. -0.00 min

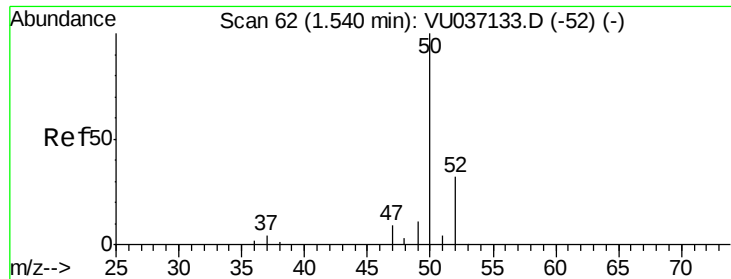
Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Tgt Ion: 85 Resp: 15568

Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.4	49.2





#3

Chloromethane

Concen: 2.136 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 50 Resp: 16255

Ion Ratio Lower Upper

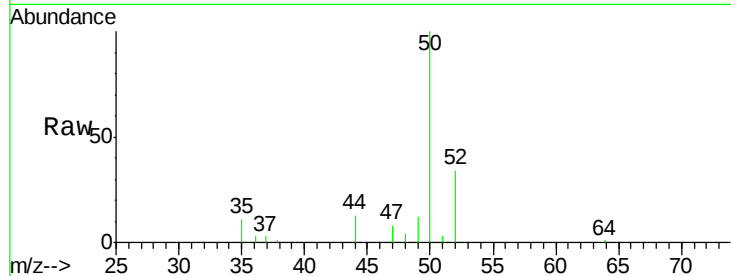
50 100

52 33.5 26.0 39.0

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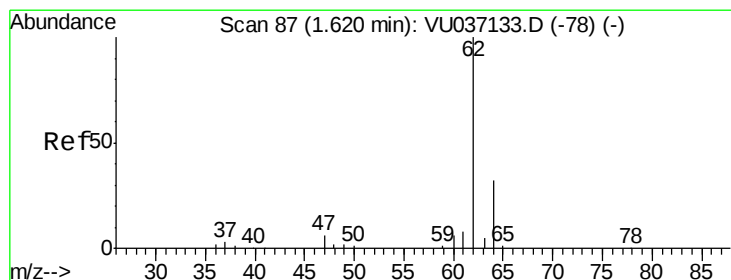
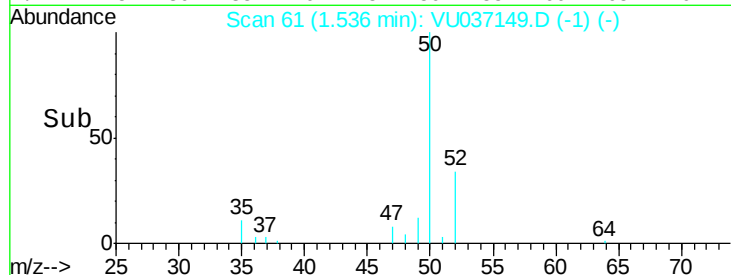
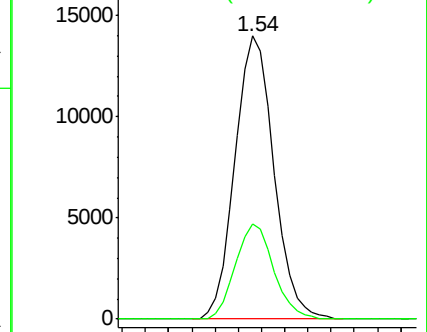
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 2.032 ug/l

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU037149.D

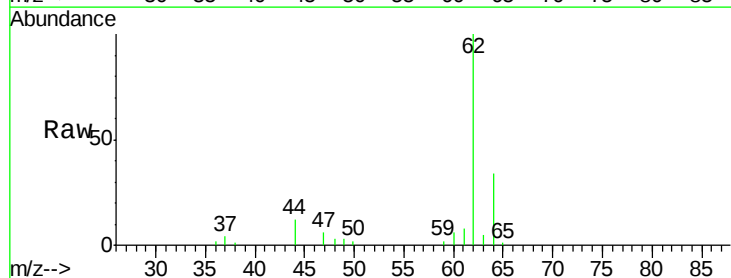
Acq: 10 Mar 2020 13:13

Tgt Ion: 62 Resp: 13592

Ion Ratio Lower Upper

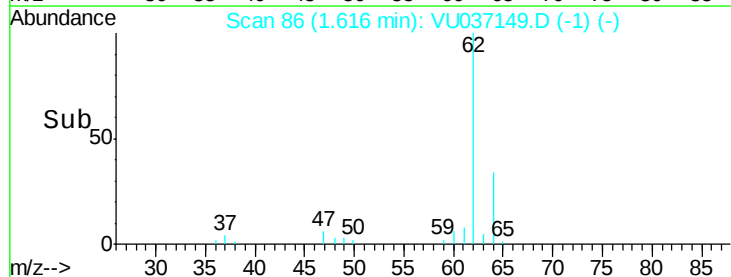
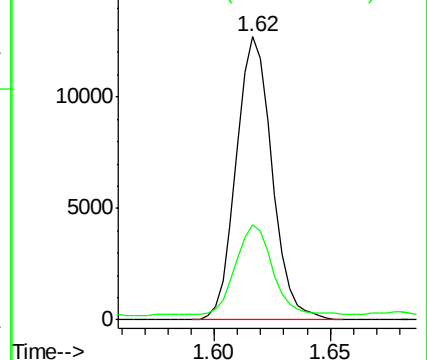
62 100

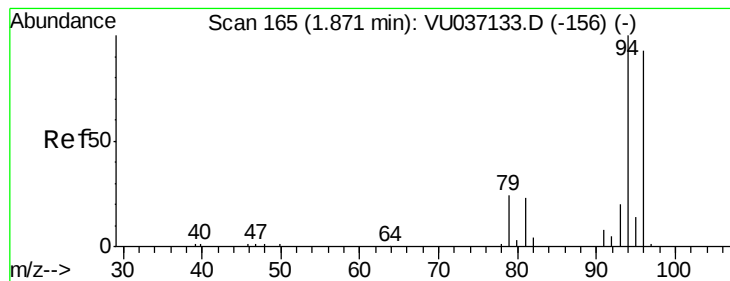
64 31.8 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 2.061 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 94 Resp: 4808

Ion Ratio Lower Upper

94 100

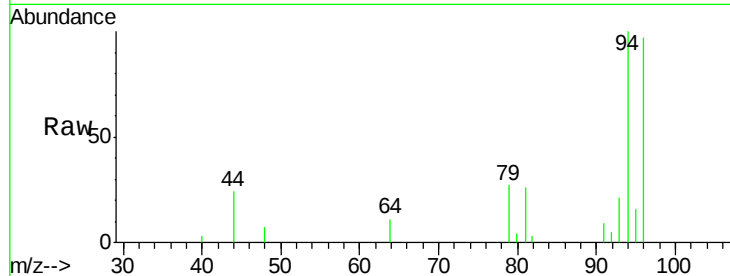
96 97.2 74.6 112.0

Manual Integrations

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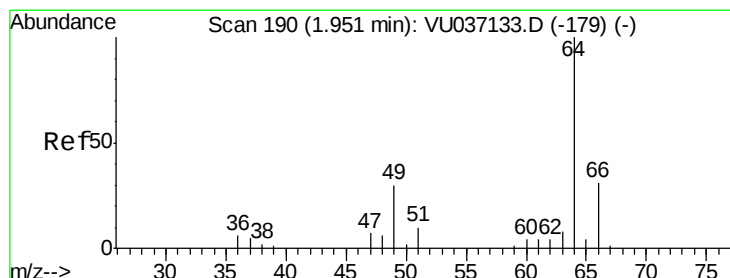
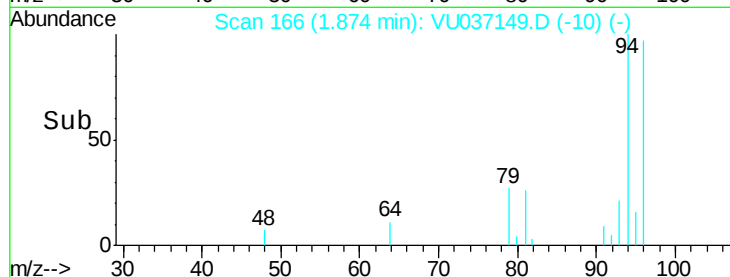
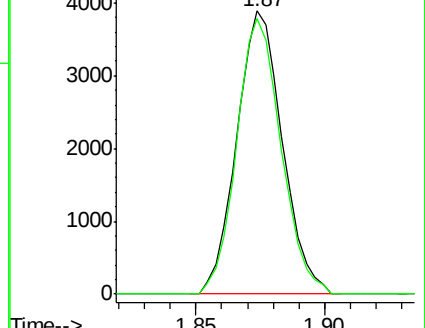
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Abundance Ion 94.00 (93.70 to 94.70): VU037133.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU037133.D (-156) (-)



#6

Chloroethane

Concen: 2.100 ug/l

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU037149.D

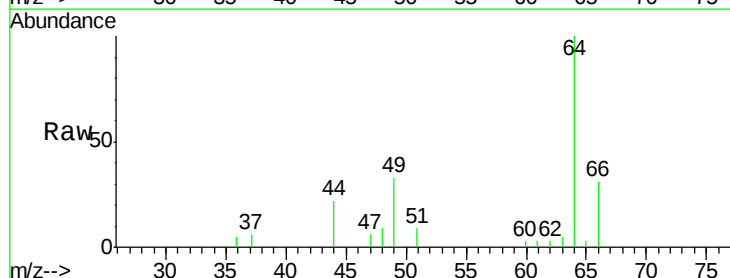
Acq: 10 Mar 2020 13:13

Tgt Ion: 64 Resp: 6731

Ion Ratio Lower Upper

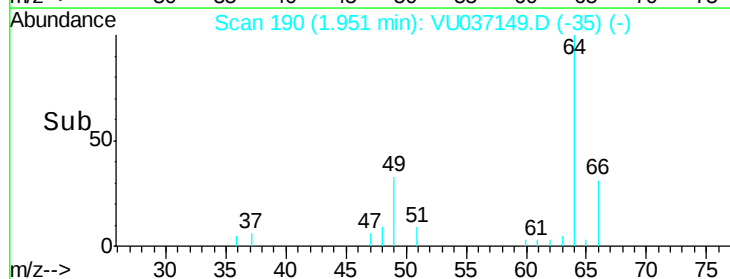
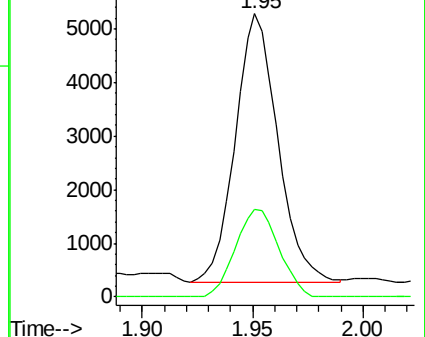
64 100

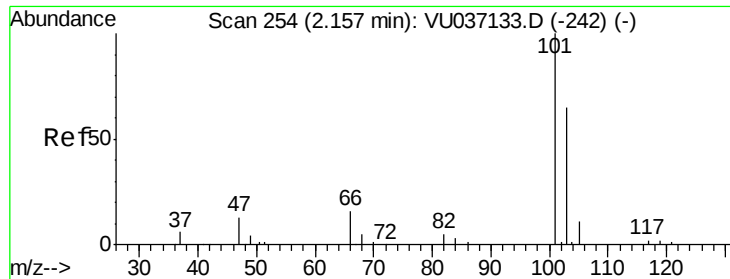
66 32.5 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU037133.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU037133.D (-179) (-)





#7

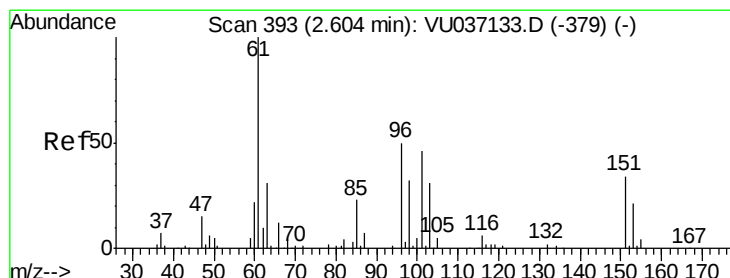
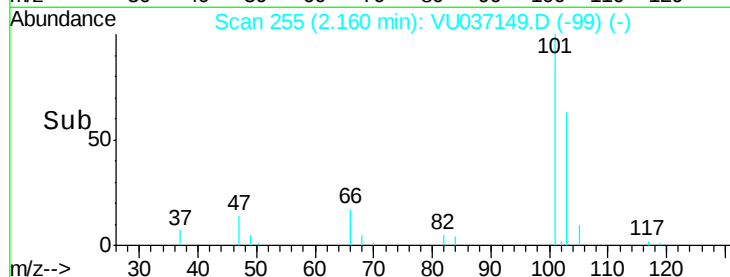
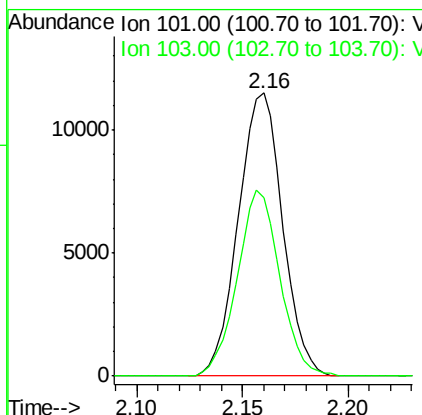
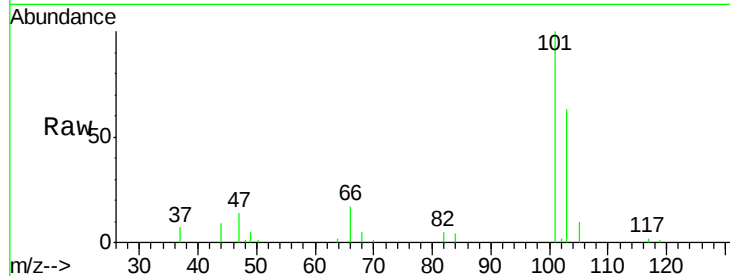
Trichlorofluoromethane
Concen: 2.064 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampled :
VU0310WBS01

Tot Ion:101 Resp: 16778
Ion Ratio Lower Upper
101 100
103 63.2 53.0 79.6

Manual Integrations
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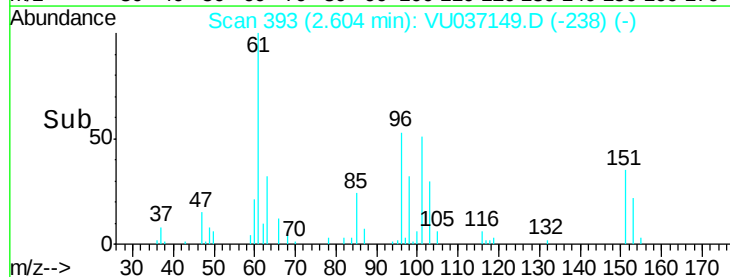
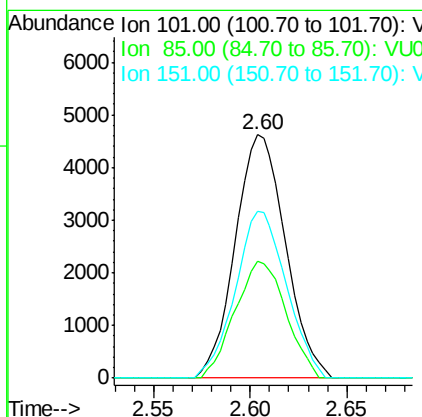
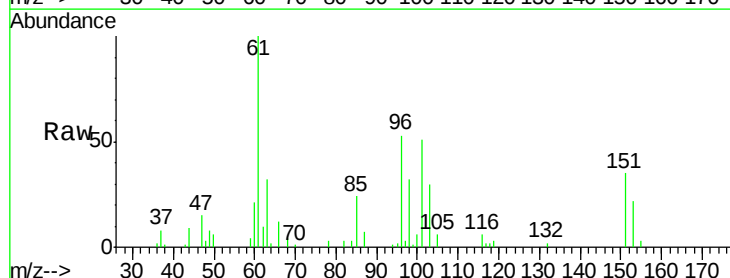
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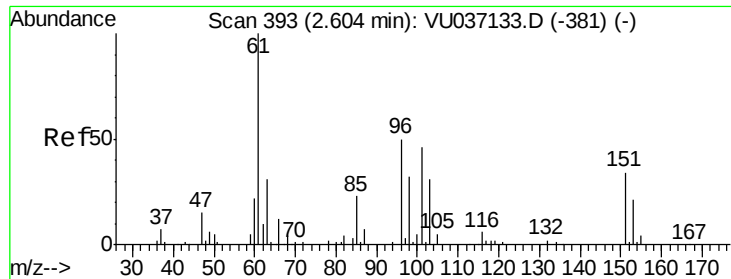


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.186 ug/l
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion:101 Resp: 8337
Ion Ratio Lower Upper
101 100
85 48.5 33.9 50.9
151 69.5 59.8 89.8





#9

1,1-Dichloroethene

Concen: 2.216 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

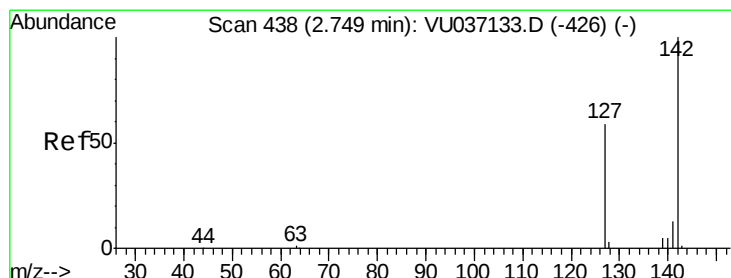
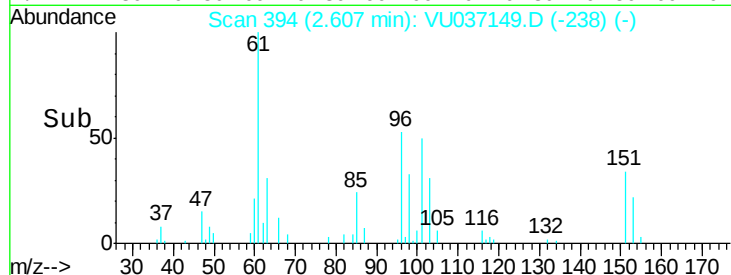
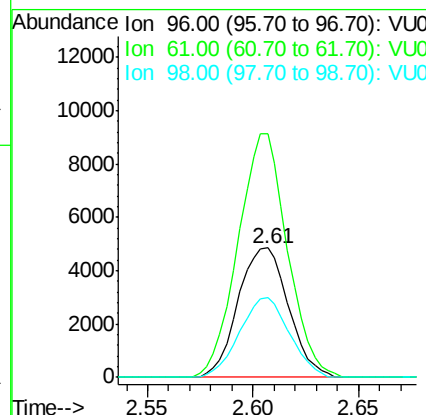
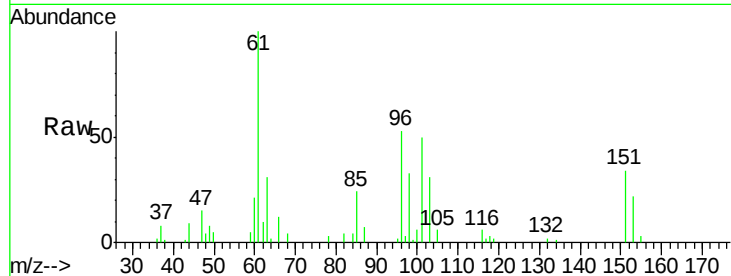
VU0310WBS01

Tot Ion:	96	Resp:	8033
Ion	Ratio	Lower	Upper
96	100		
61	188.0	0.0	463.2
98	61.5	0.0	130.0

Manual Integrations
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#10

Iodomethane

Concen: 1.719 ug/l

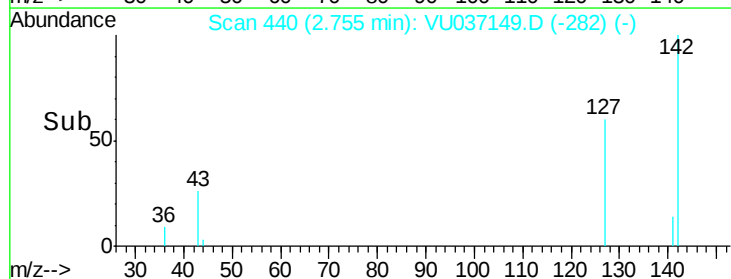
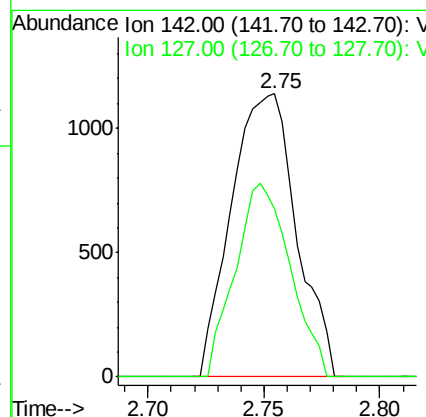
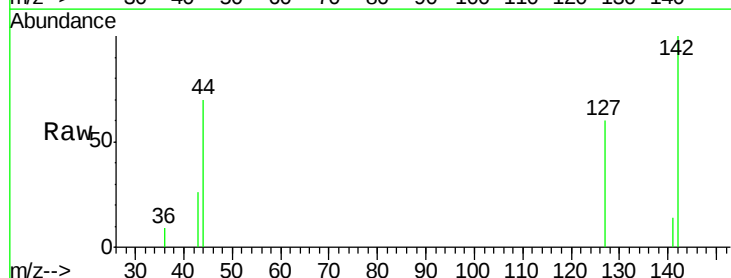
RT: 2.75 min Scan# 440

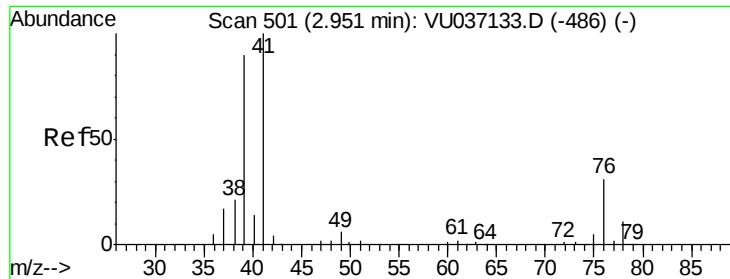
Delta R.T. 0.01 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Tgt Ion:	142	Resp:	2224
Ion	Ratio	Lower	Upper
142	100		
127	57.8	30.3	45.5#





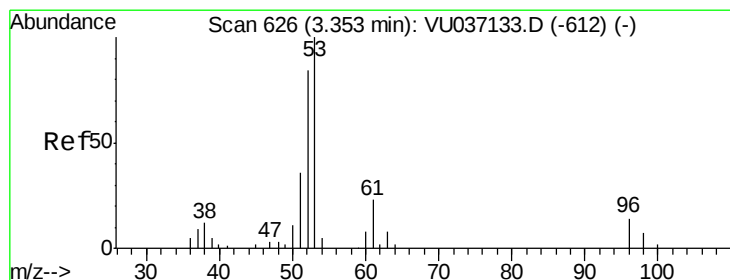
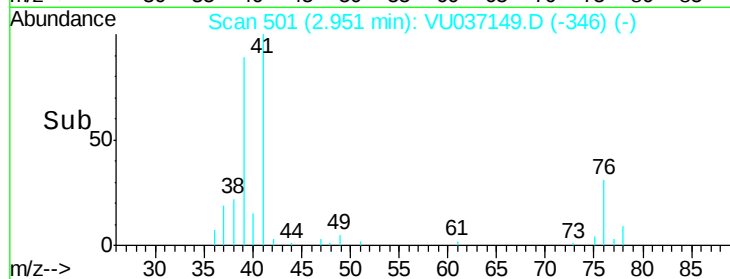
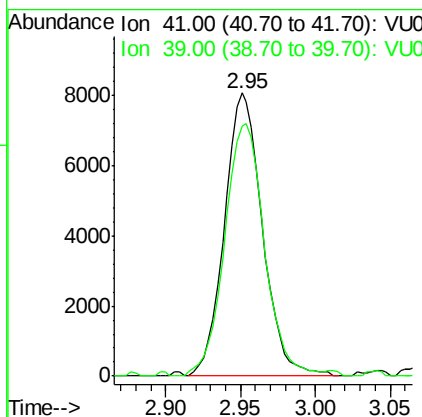
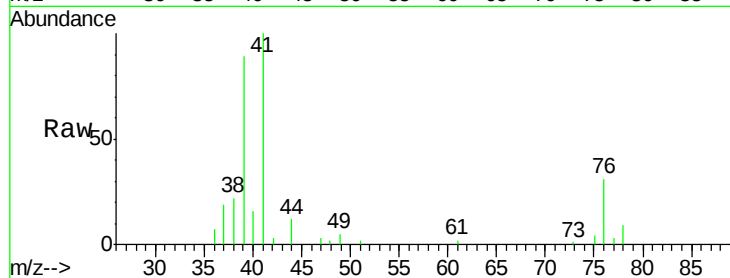
#11
Allvl Chloride
Concen: 2.031 ug/l
RT: 2.95 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion: 41 Resp: 14277
Ion Ratio Lower Upper
41 100
39 93.5 50.7 76.1#

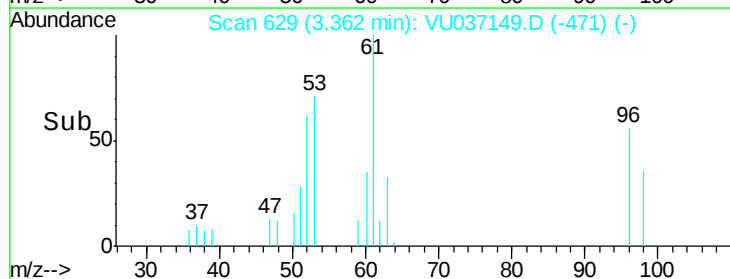
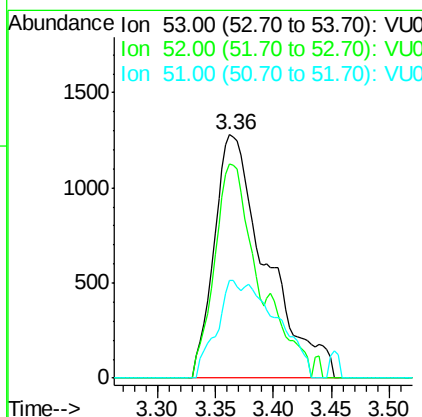
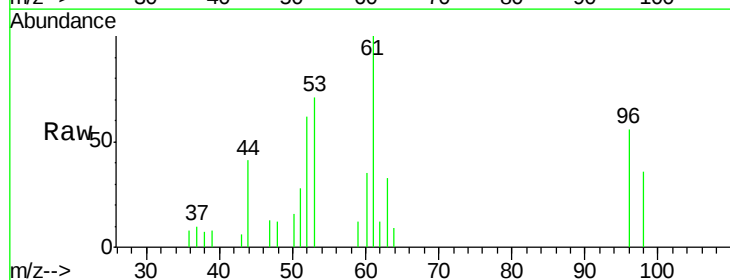
Manual Integrations
APPROVED

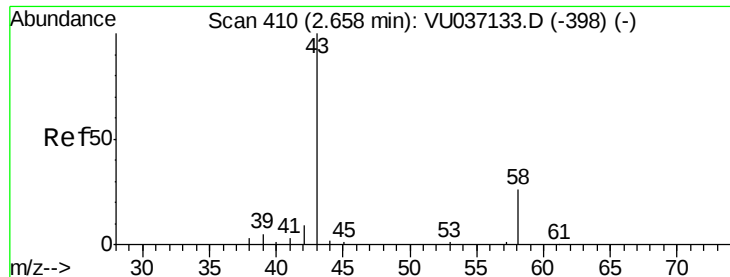
sam
3/11/2020 3:32:41 PM



#12
Acrylonitrile
Concen: 4.658 ug/l
RT: 3.36 min Scan# 629
Delta R.T. 0.01 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion: 53 Resp: 3995
Ion Ratio Lower Upper
53 100
52 61.5 64.6 97.0#
51 18.7 27.2 40.8#





#13

Acetone

Concen: 10.806 ug/l

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 43 Resp: 10300

Ion Ratio Lower Upper

43 100

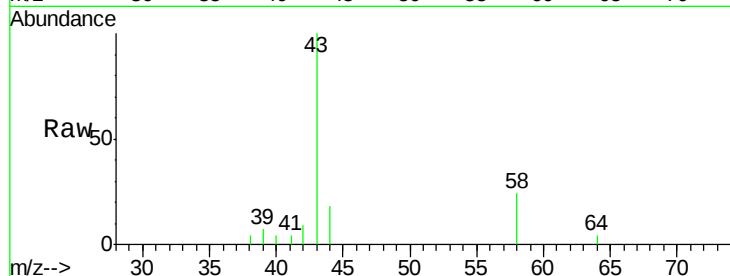
58 24.0 30.8 46.2#

Manual Integrations

APPROVED

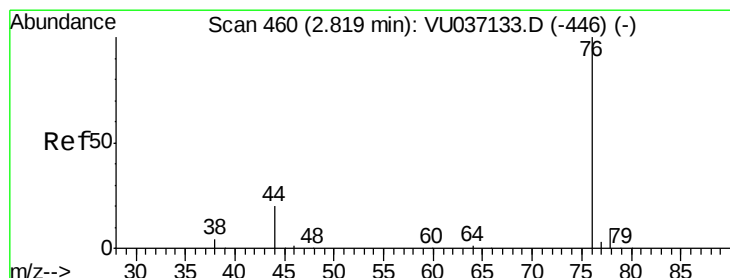
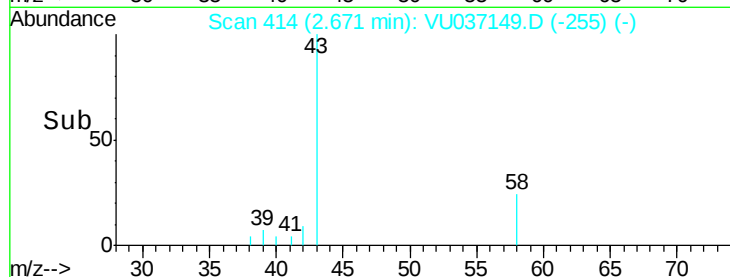
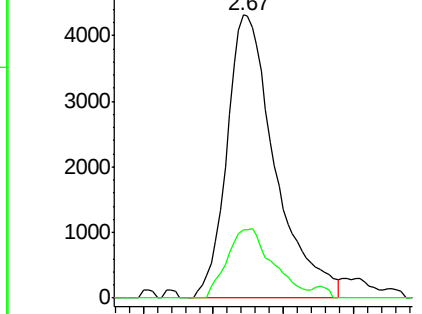
sam

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Abundance Ion 43.00 (42.70 to 43.70): VU037149.D (-255) (-)

Ion 58.00 (57.70 to 58.70): VU037149.D (-255) (-)



#14

Carbon Disulfide

Concen: 1.989 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037149.D

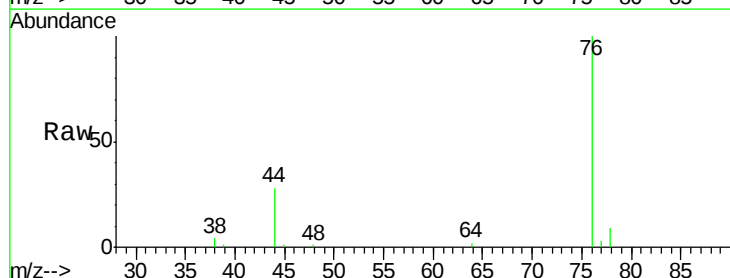
Acq: 10 Mar 2020 13:13

Tgt Ion: 76 Resp: 24018

Ion Ratio Lower Upper

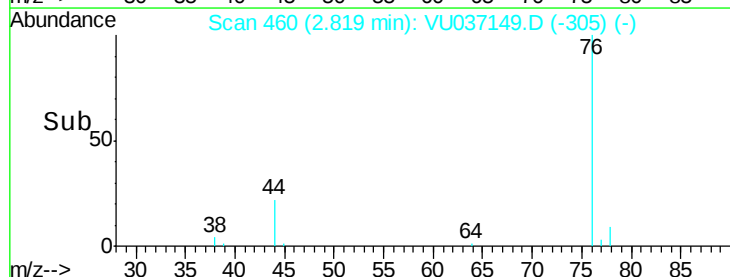
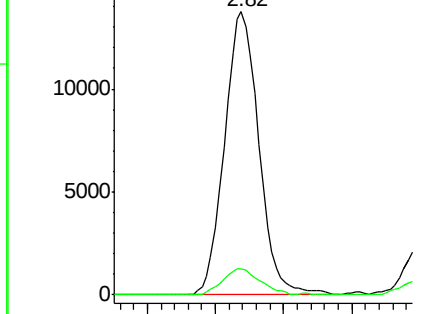
76 100

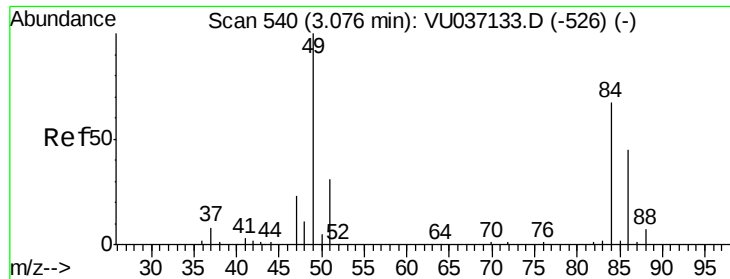
78 9.3 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU037149.D (-305) (-)

Ion 78.00 (77.70 to 78.70): VU037149.D (-305) (-)





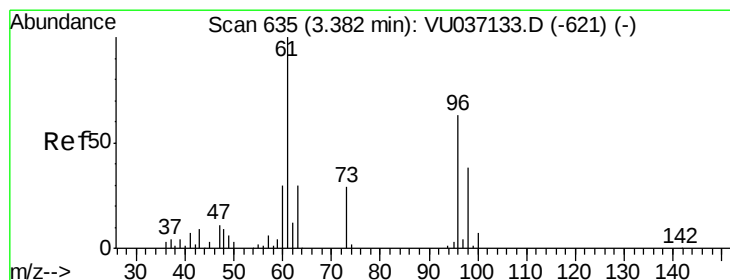
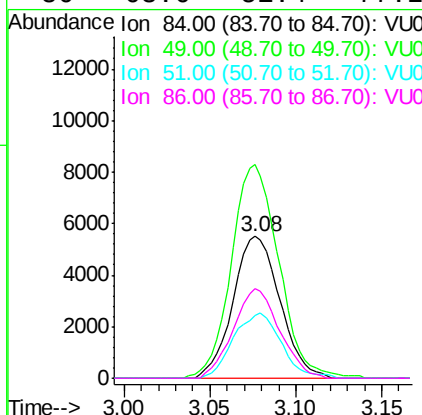
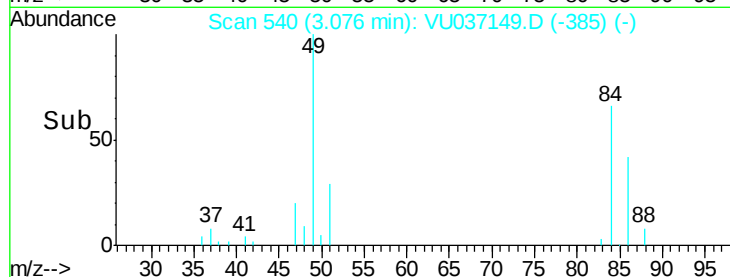
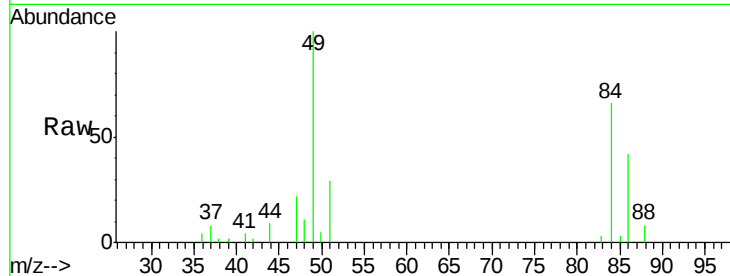
#15
Methvlene Chloride
Concen: 2.299 ug/l
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampled :
VU0310WBS01

Tot Ion	84	Resp	10465
Ion	Ratio	Lower	Upper
84	100		
49	148.8	89.7	134.5#
51	44.2	0.0	71.6
86	63.6	51.4	77.2

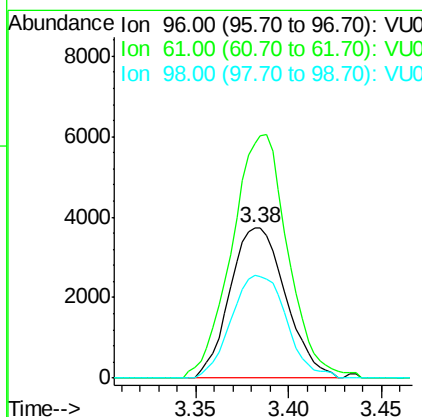
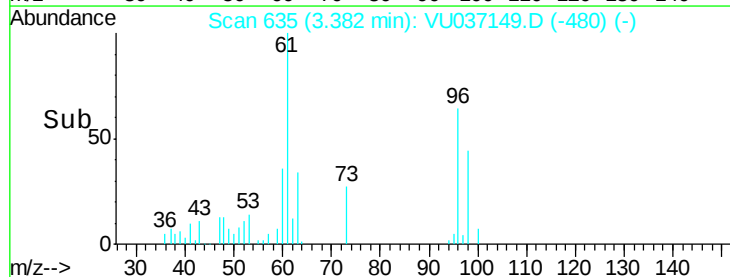
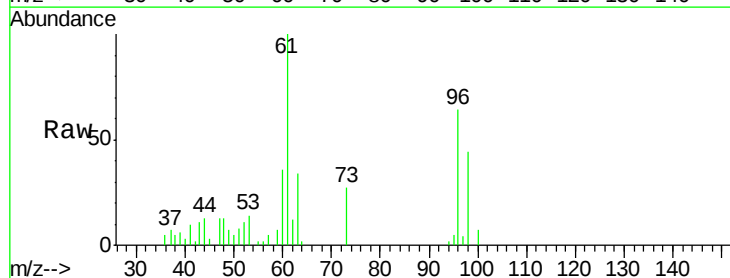
Manual Integrations
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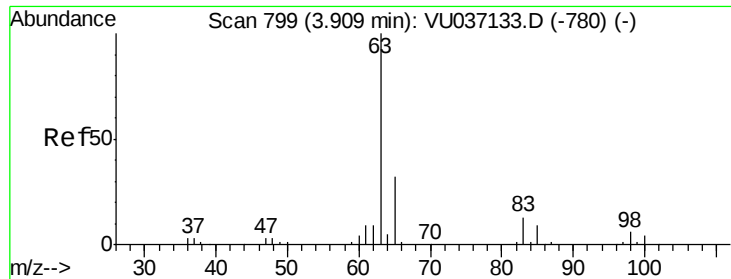
sam
3/11/2020 3:32:41 PM



#16
trans-1,2-Dichloroethene
Concen: 2.025 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	96	Resp	7797
Ion	Ratio	Lower	Upper
96	100		
61	152.1	110.8	166.2
98	68.8	50.3	75.5





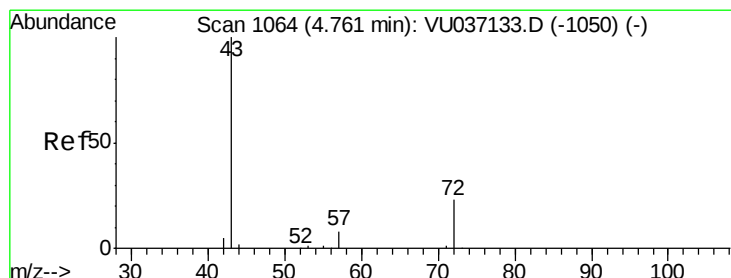
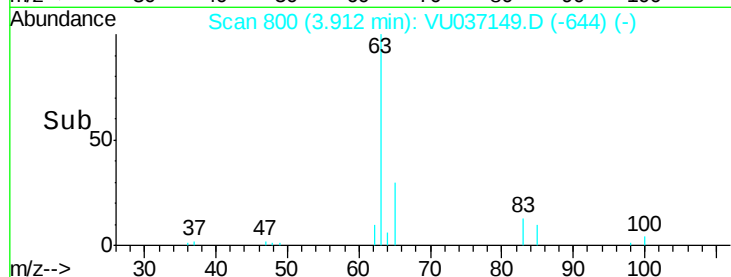
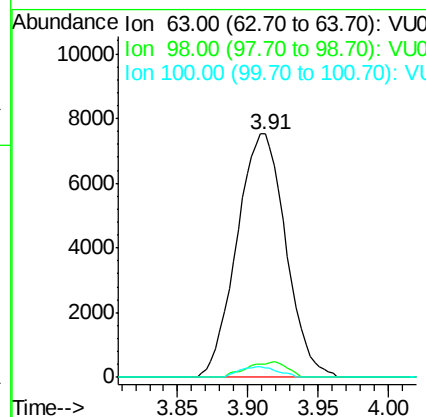
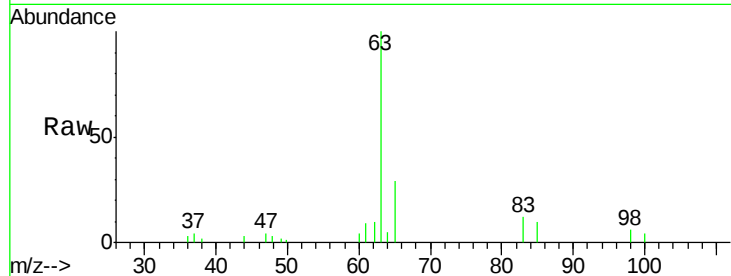
#17
 1,1-Dichloroethane
 Concen: 2.044 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.5	10.5
100	4.0	2.4	7.1

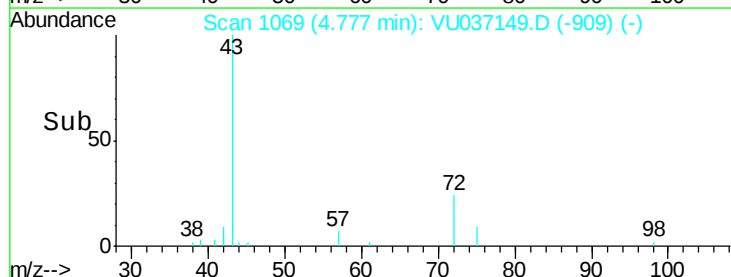
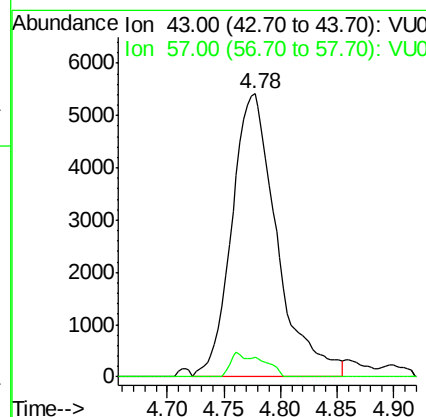
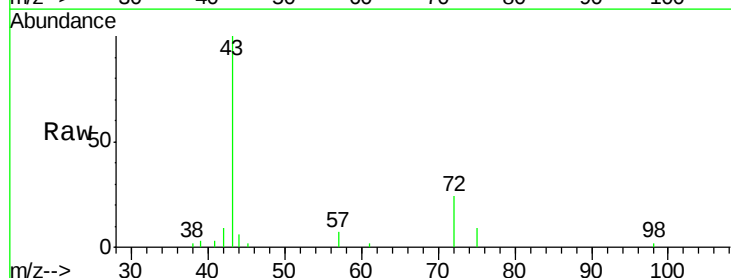
Manual Integrations
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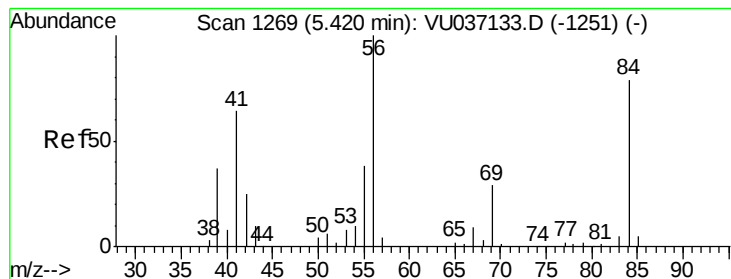
sam
 3/11/2020 3:32:41 PM



#18
 2-Butanone
 Concen: 10.349 ug/l
 RT: 4.78 min Scan# 1069
 Delta R.T. 0.02 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.9	0.0	17.8





#19

Cyclohexane

Concen: 1.840 ug/l m

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampled :

VU0310WBS01

Tot Ion: 56 Resp: 13989

Ion Ratio Lower Upper

56 100

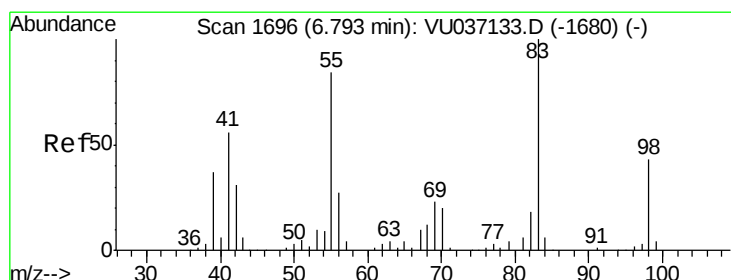
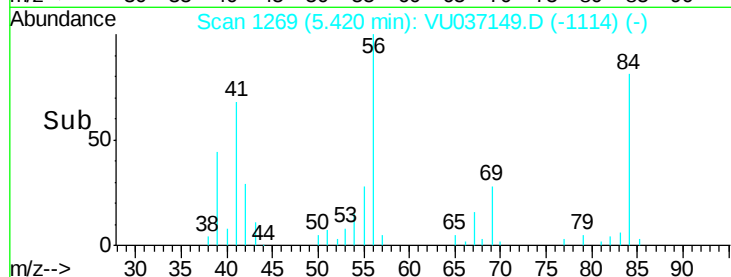
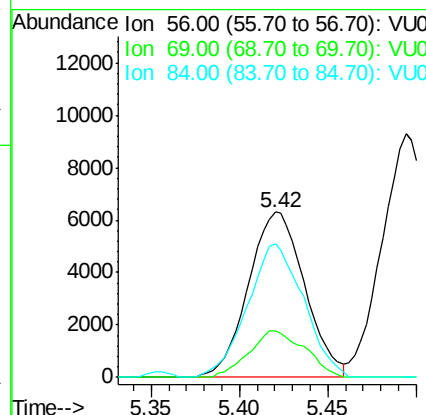
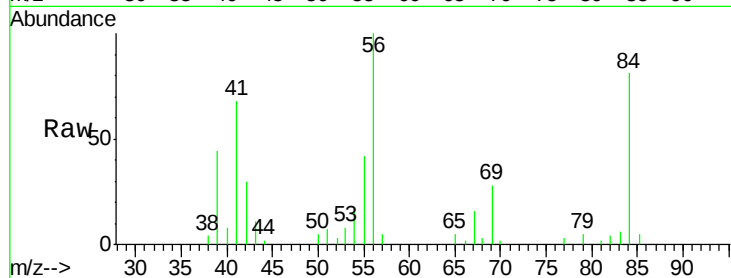
69 27.8 26.2 39.2

84 80.4 72.8 109.2

Manual Integrations
APPROVED

sam

3/11/2020 3:32:41 PM



#20

Methylcyclohexane

Concen: 1.750 ug/l

RT: 6.79 min Scan# 1696

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

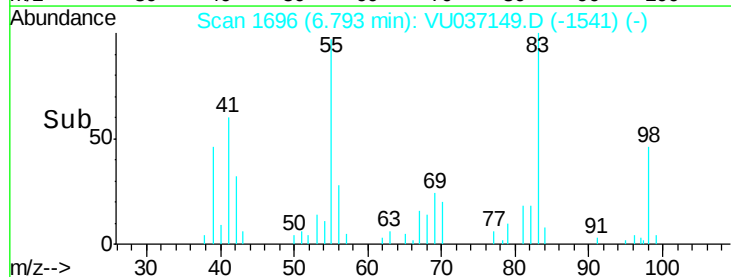
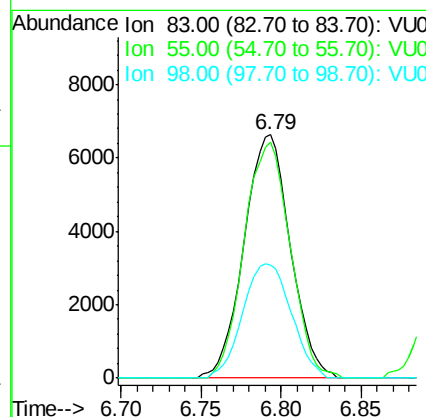
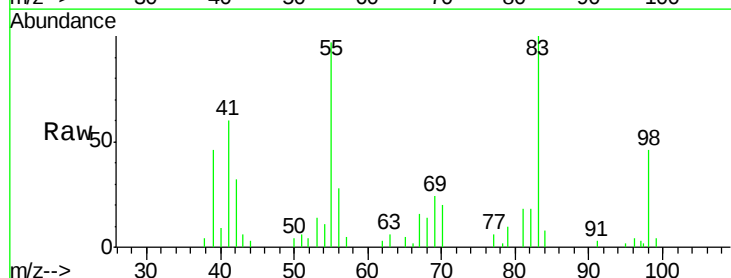
Tgt Ion: 83 Resp: 13141

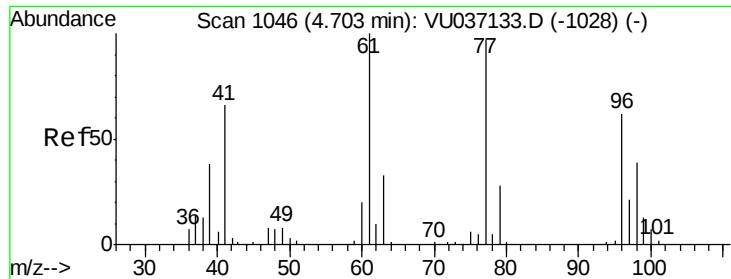
Ion Ratio Lower Upper

83 100

55 96.2 56.6 85.0#

98 49.2 37.5 56.3





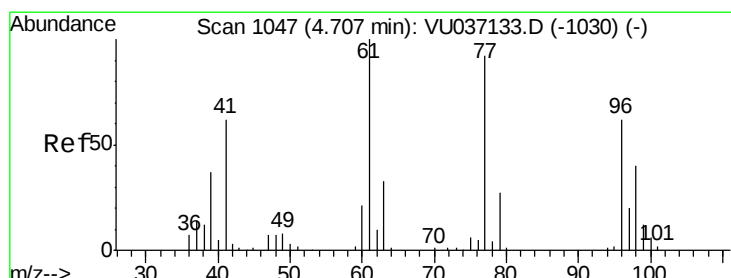
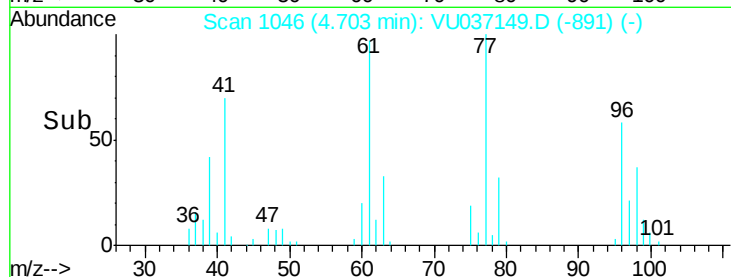
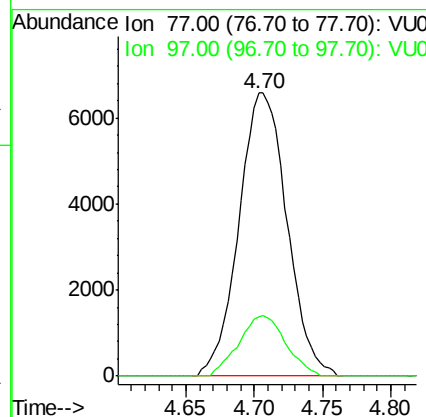
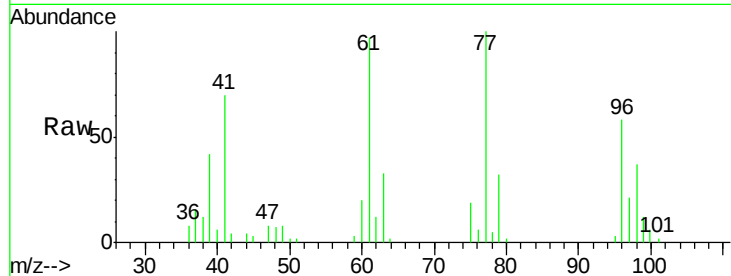
#21
 2,2-Dichloropropane
 Concen: 1.975 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion: 77 Resp: 16089
 Ion Ratio Lower Upper
 77 100
 97 20.9 19.0 28.4

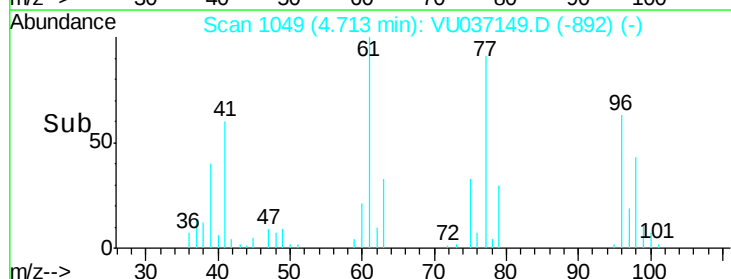
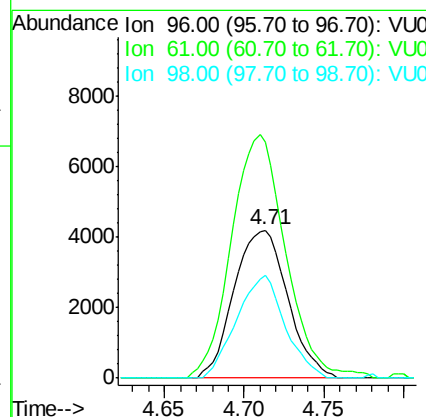
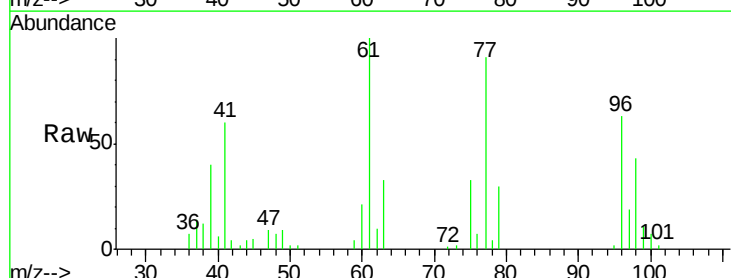
Manual Integrations
 APPROVED

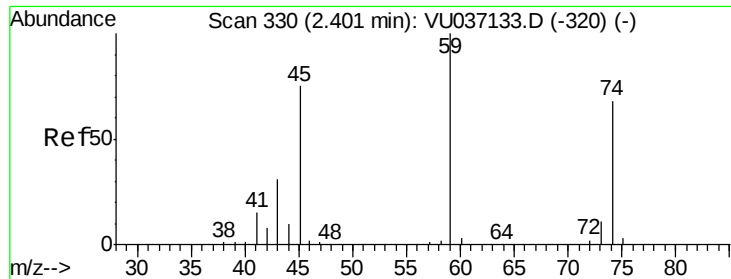
sam
 3/11/2020 3:32:41 PM



#22
 cis-1,2-Dichloroethene
 Concen: 2.022 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion: 96 Resp: 9644
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 342.0
 98 62.5 32.0 96.0





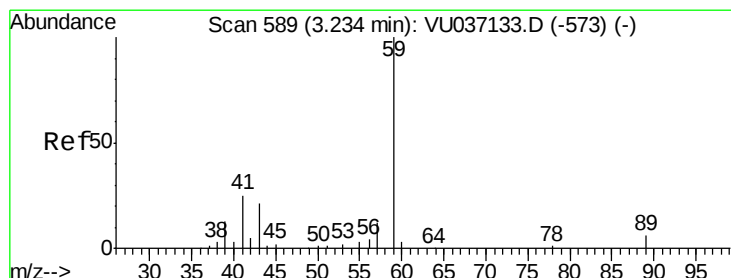
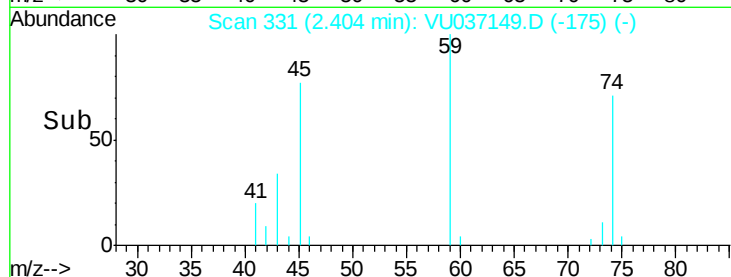
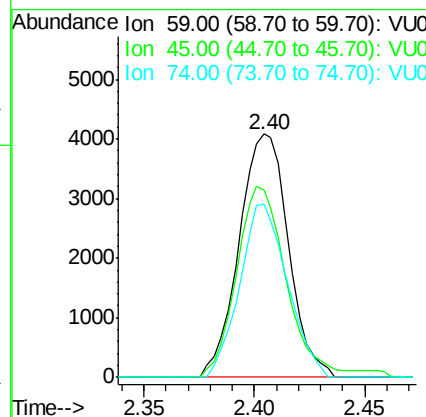
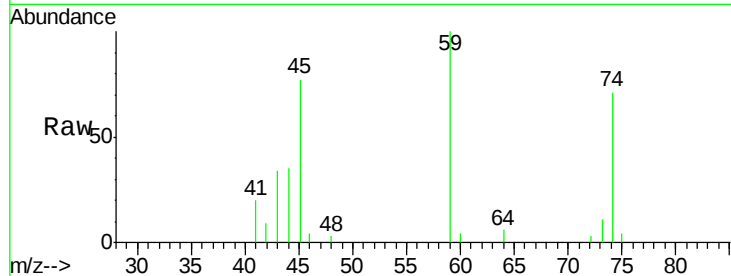
#23
Diethyl Ether
Concen: 2.060 ug/l
RT: 2.40 min Scan# 331
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampled :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
45	78.9	52.4	78.6#
74	68.9	62.1	93.1

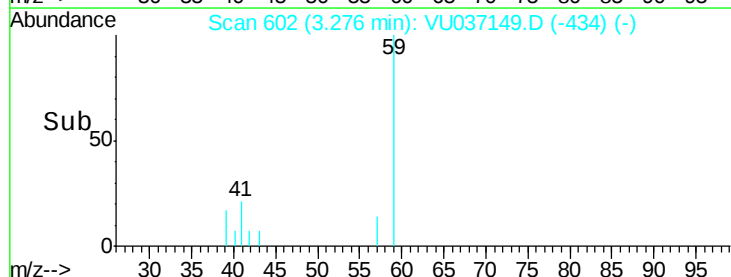
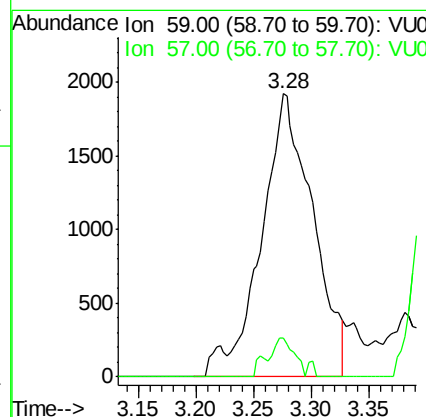
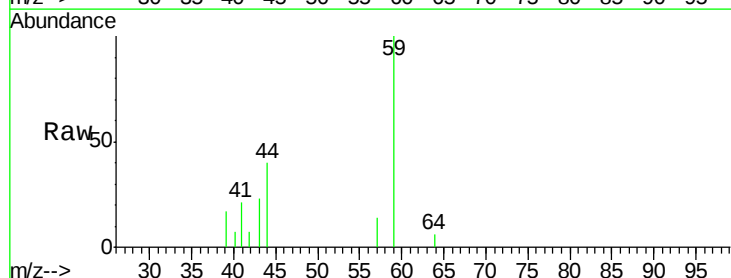
Manual Integrations
APPROVED

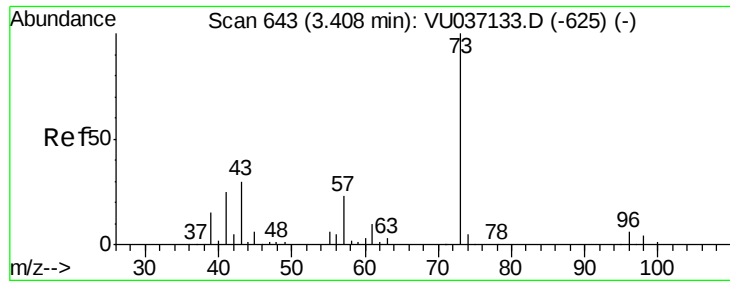
sam
3/11/2020 3:32:41 PM



#24
tert-Butyl Alcohol
Concen: 17.796 ug/l m
RT: 3.28 min Scan# 602
Delta R.T. 0.04 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#





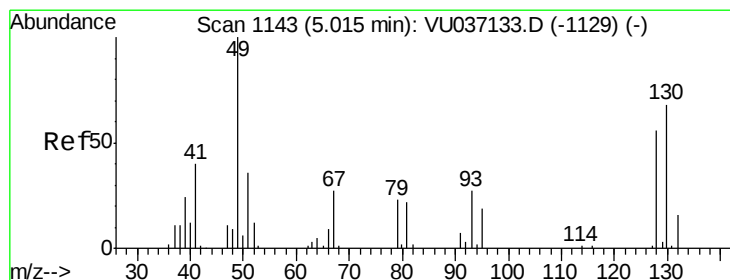
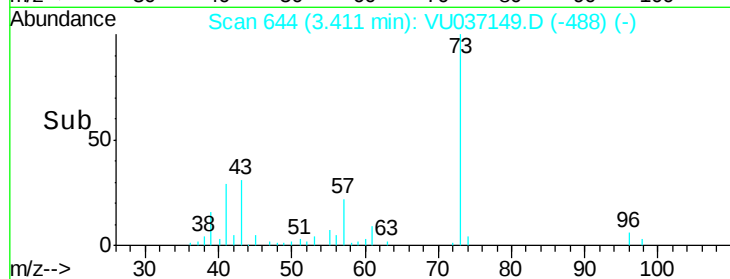
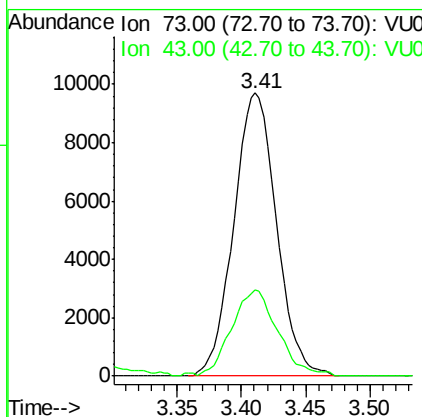
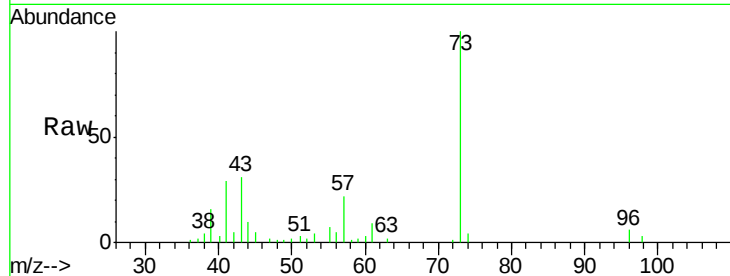
#25
Methvl tert-Butvl Ether
Concen: 2.107 ug/l
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion: 73 Resp: 22384
Ion Ratio Lower Upper
73 100
43 32.8 14.5 21.7#

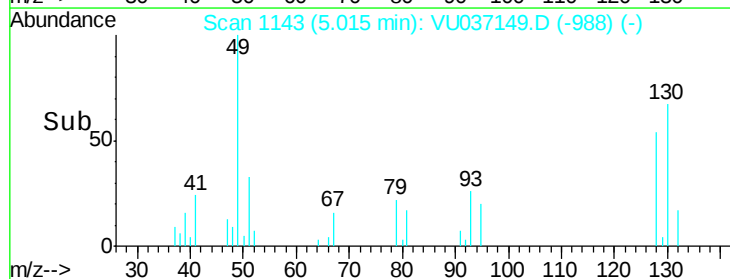
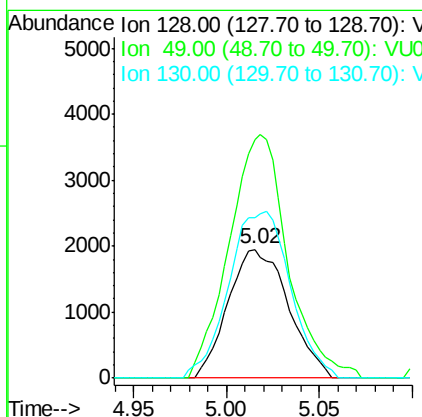
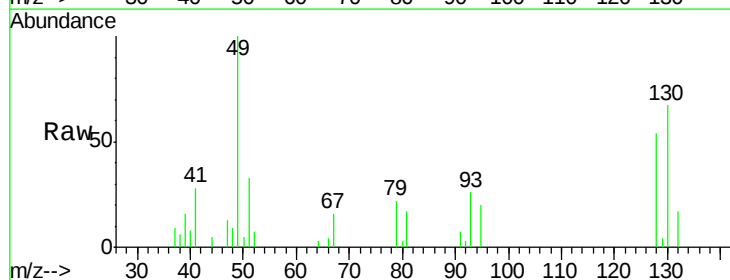
Manual Integrations
APPROVED

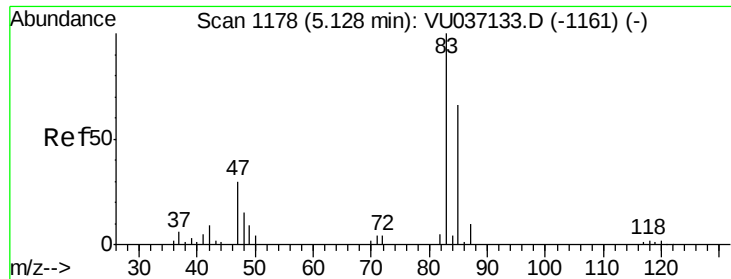
sam
3/11/2020 3:32:41 PM



#26
Bromochloromethane
Concen: 2.104 ug/l
RT: 5.02 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion: 128 Resp: 4417
Ion Ratio Lower Upper
128 100
49 184.1 0.0 286.2
130 132.8 104.3 156.5





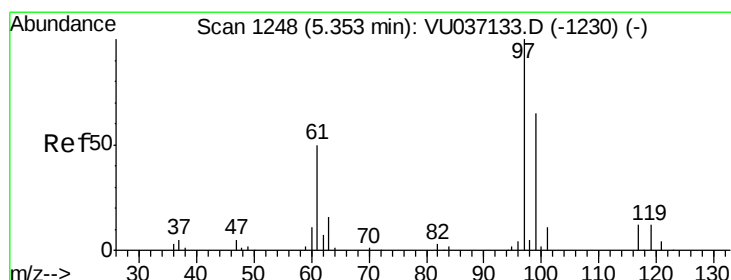
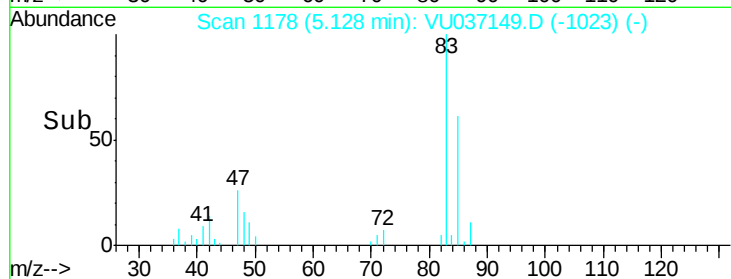
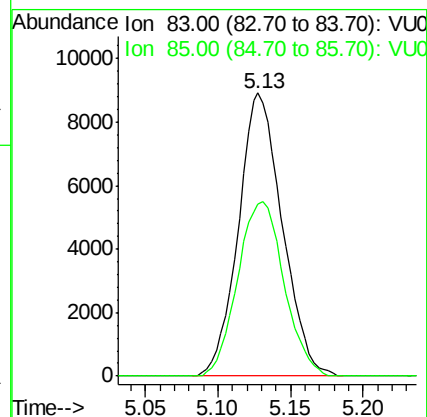
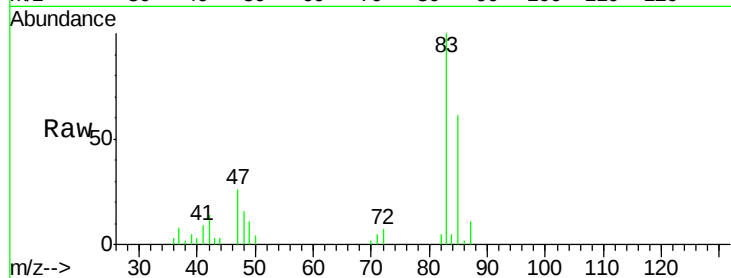
#27
Chloroform
Concen: 1.948 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampled :
VU0310WBS01

Tot Ion	83	Resp	18729
Ion Ratio	100	Lower	Upper
85	60.9	0.0	129.0

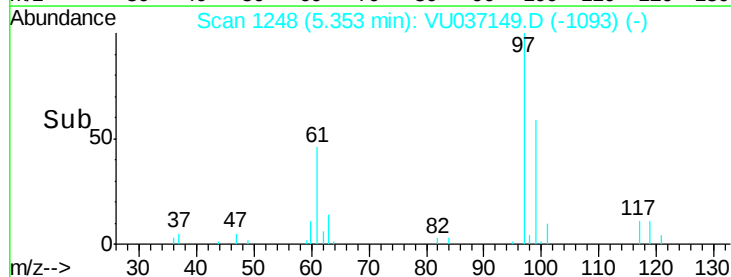
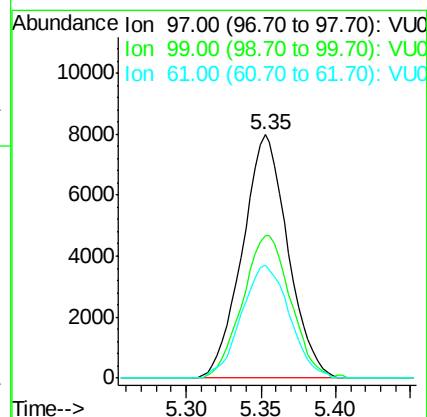
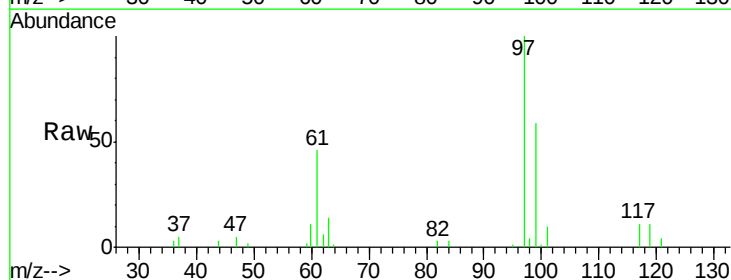
Manual Integrations
APPROVED

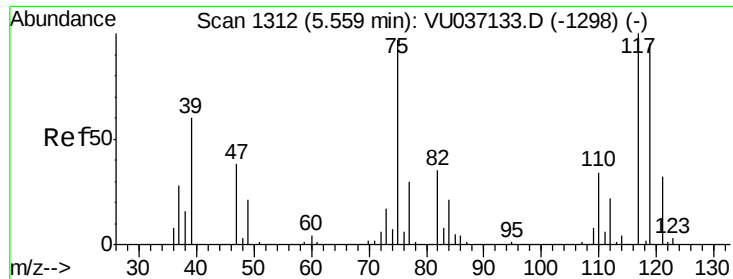
sam
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#28
1,1,1-Trichloroethane
Concen: 2.061 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	97	Resp	16886
Ion Ratio	100	Lower	Upper
99	61.5	32.1	96.3
61	48.7	22.7	68.0





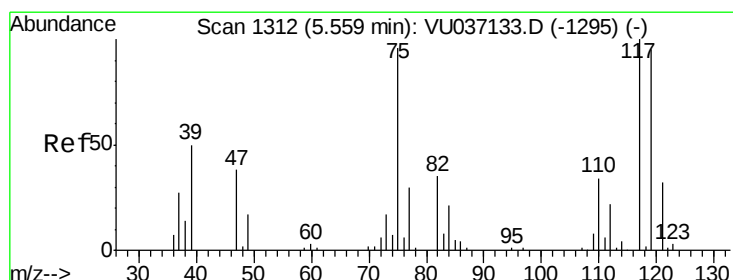
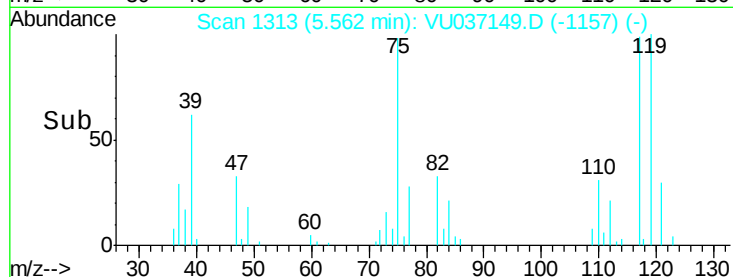
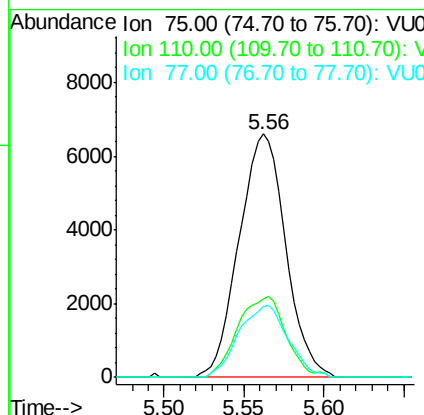
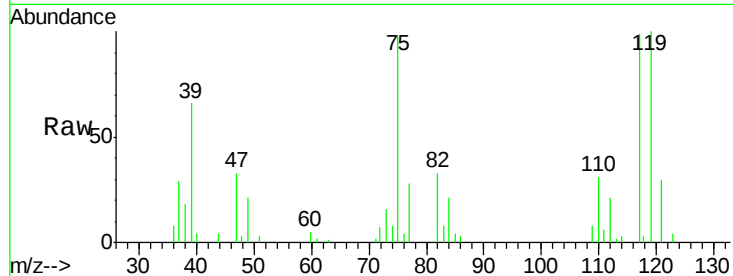
#29
1,1-Dichloropropene
Concen: 1.972 ug/l
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.4	18.6	55.8
77	31.3	25.0	37.4

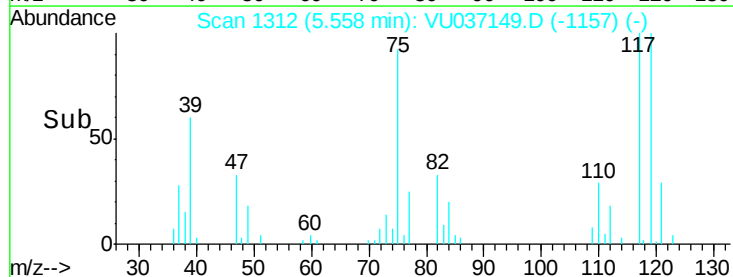
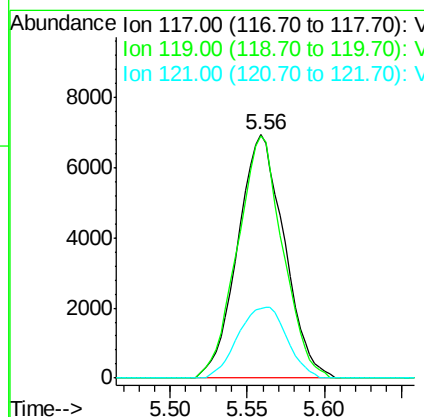
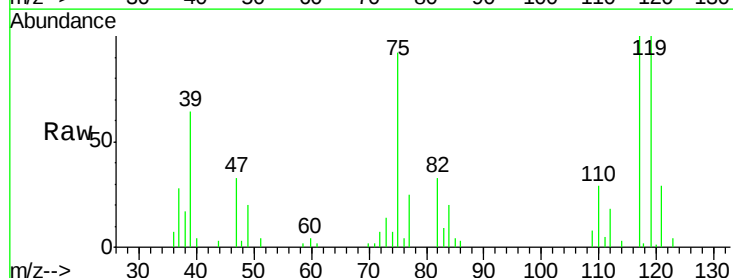
Manual Integrations
APPROVED

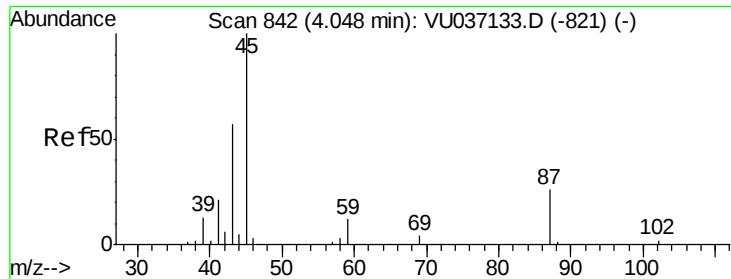
sam
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#30
Carbon Tetrachloride
Concen: 2.023 ug/l
RT: 5.56 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.0	115.6
121	28.6	23.3	34.9





#31

Isopropyl Ether

Concen: 1.919 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 45 Resp: 27344

Ion Ratio Lower Upper

45 100

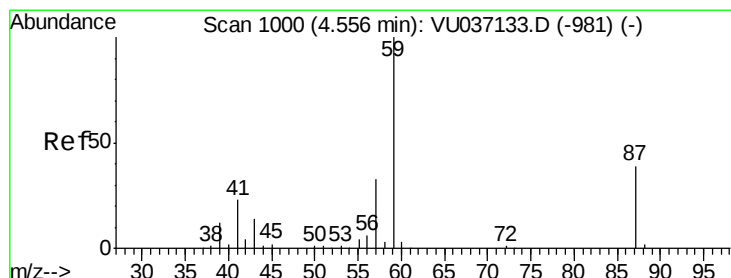
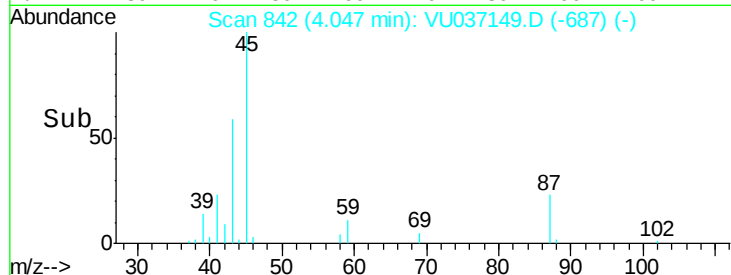
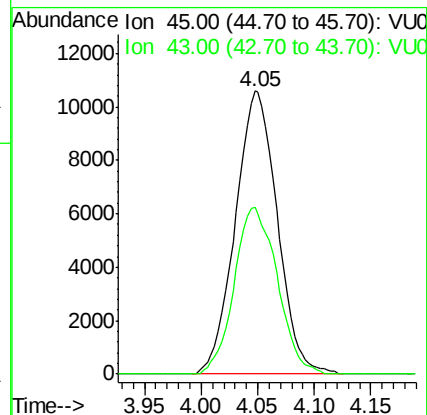
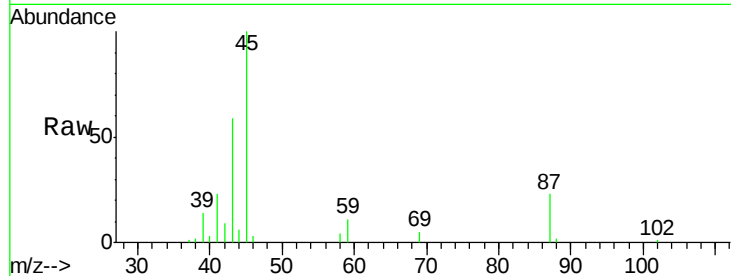
43 60.5 24.0 72.0

Manual Integrations

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3/11/2020 3:32:41 PM



#32

Ethyl-t-butyl ether

Concen: 1.883 ug/l

RT: 4.56 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VU037149.D

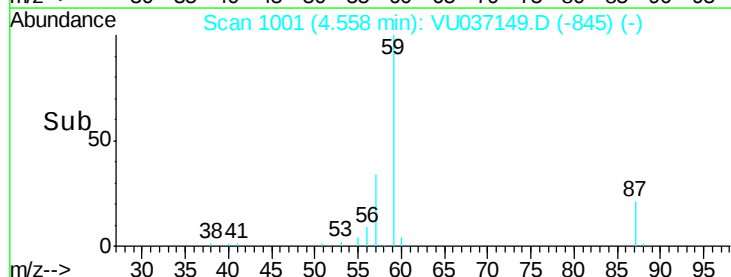
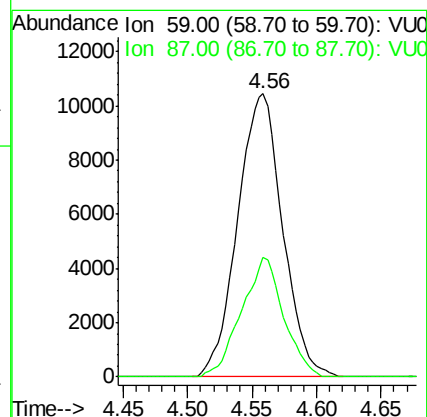
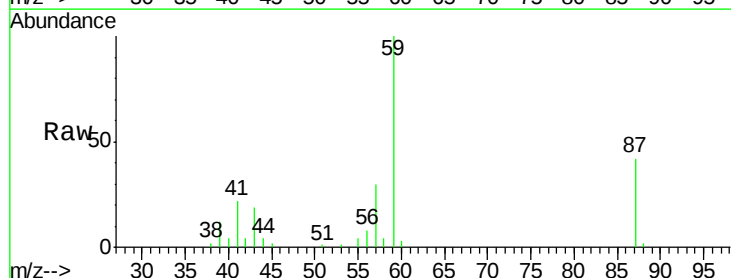
Acq: 10 Mar 2020 13:13

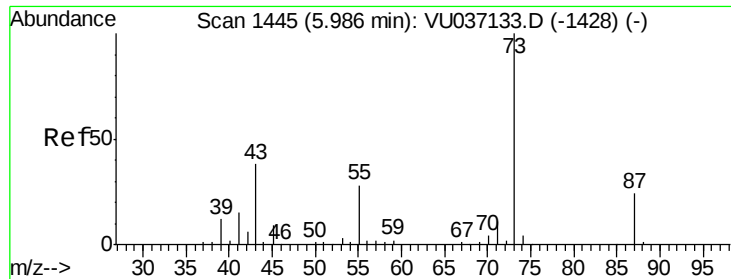
Tgt Ion: 59 Resp: 25328

Ion Ratio Lower Upper

59 100

87 39.5 35.1 52.7





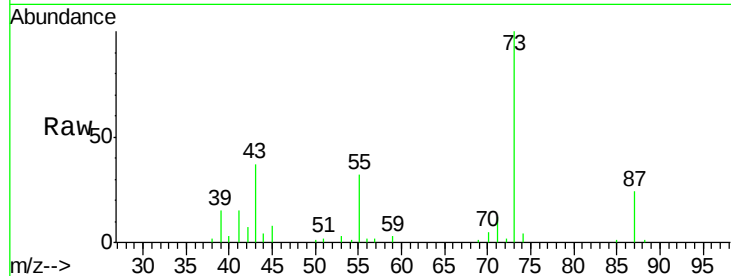
#33
Tert-Butyl methyl ether
Concen: 1.855 ug/l
RT: 5.99 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

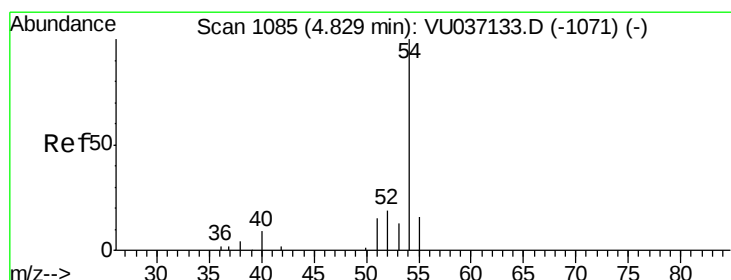
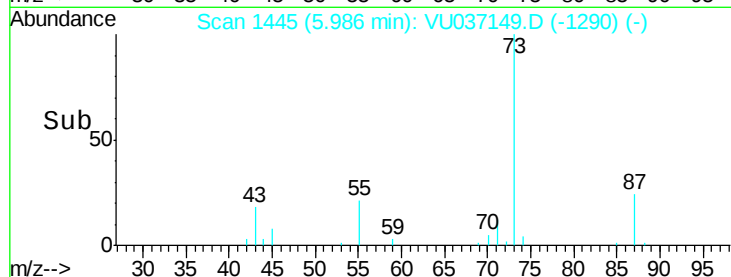
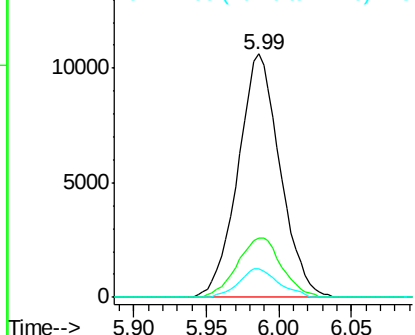
Tot Ion	Ratio	Lower	Upper
73	100		
87	25.7	19.8	29.6
71	11.1	9.1	13.7

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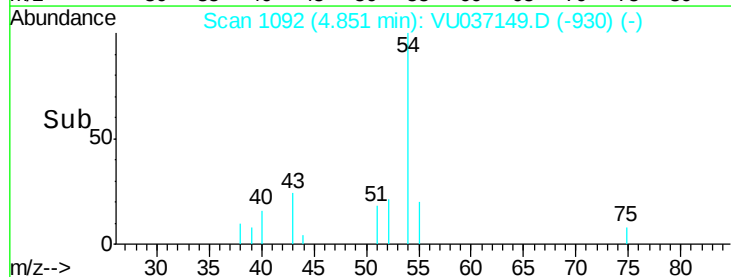
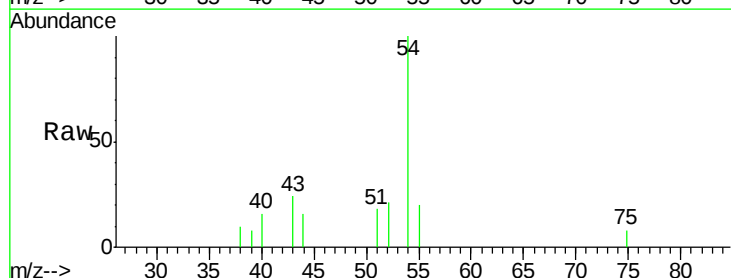
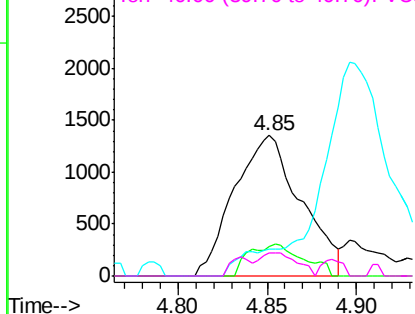
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

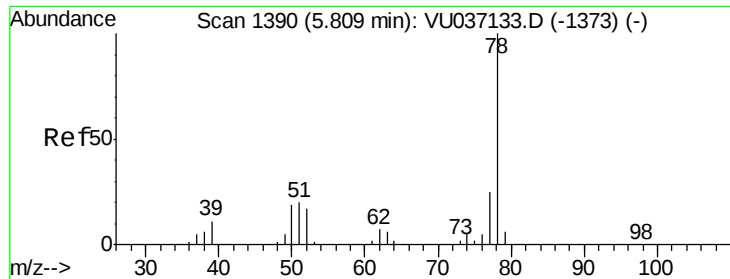


#34
Propionitrile
Concen: 9.183 ug/l
RT: 4.85 min Scan# 1092
Delta R.T. 0.02 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.4	15.2	22.8
55	0.0	9.5	14.3#
40	9.2	4.6	6.8#

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





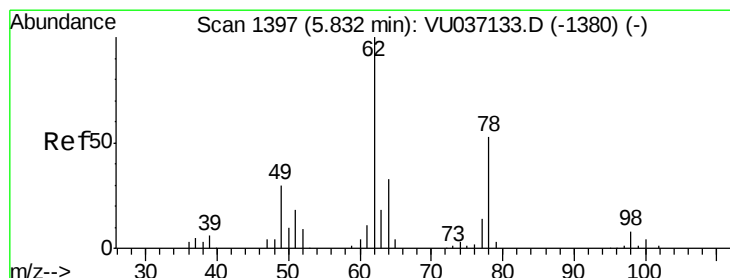
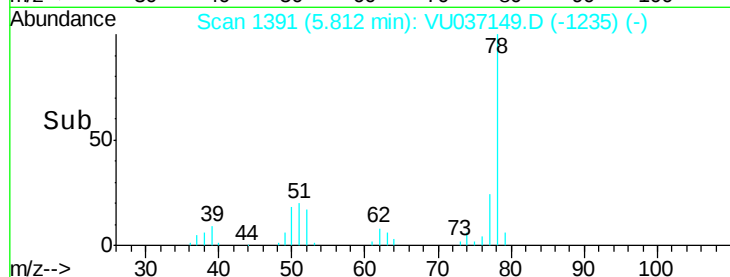
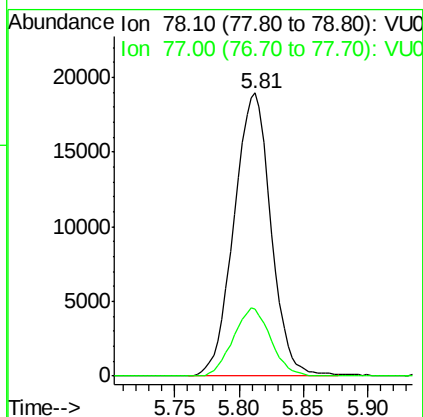
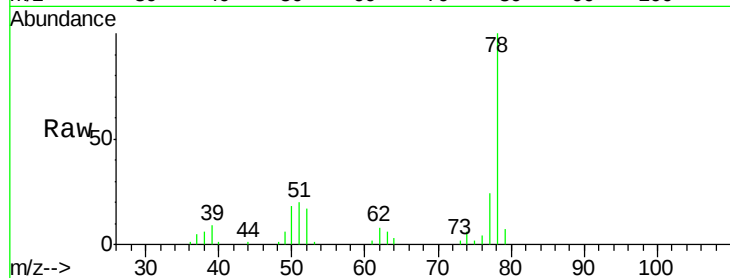
#35
Benzene
Concen: 1.998 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion: 78 Resp: 37802
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

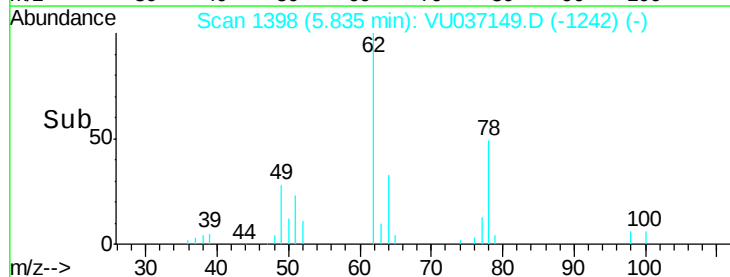
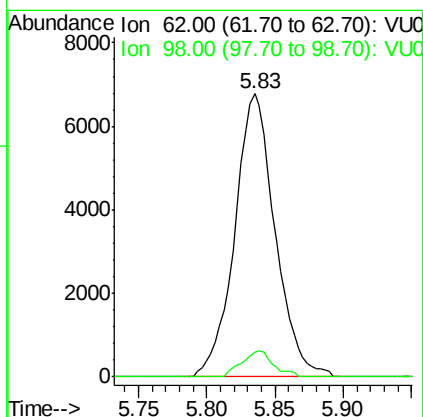
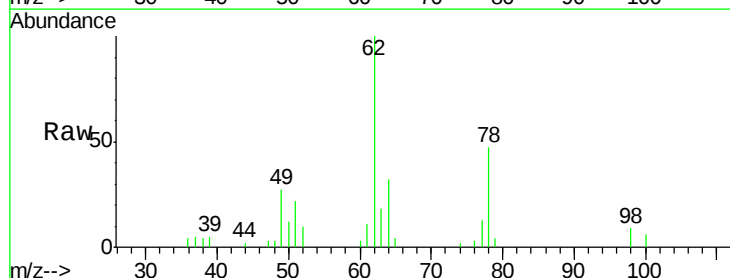
Manual Integrations
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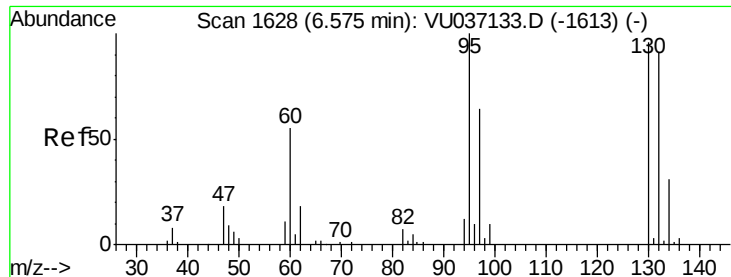
sam
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#36
1,2-Dichloroethane
Concen: 2.033 ug/l
RT: 5.83 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion: 62 Resp: 13945
Ion Ratio Lower Upper
62 100
98 7.2 7.8 11.8#





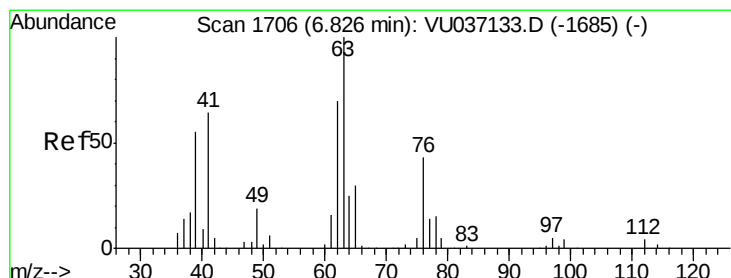
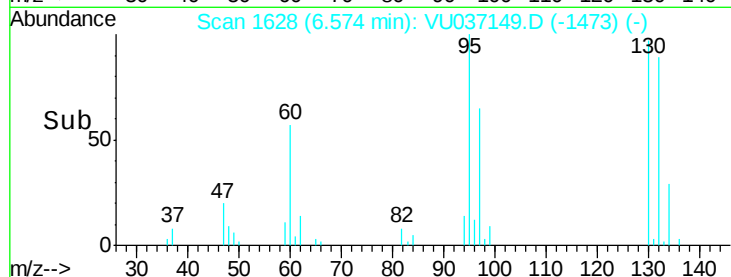
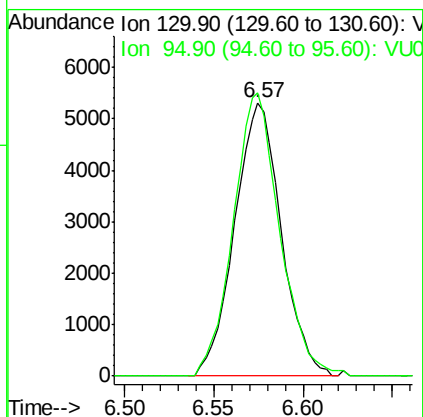
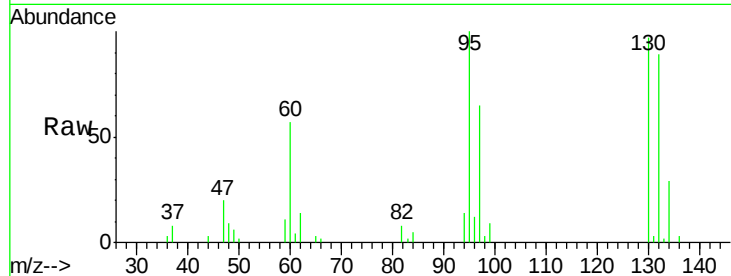
#37
 Trichloroethene
 Concen: 1.944 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion:130 Resp: 9652
 Ion Ratio Lower Upper
 130 100
 95 103.6 77.0 115.4

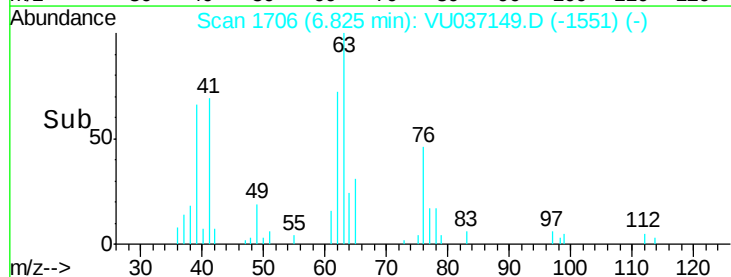
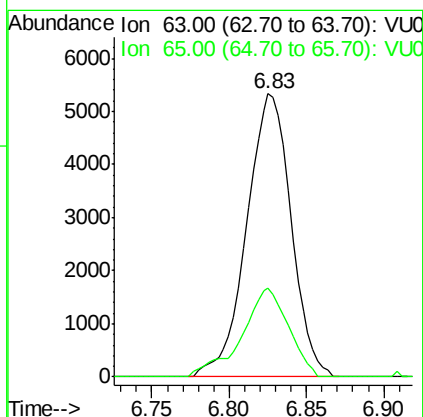
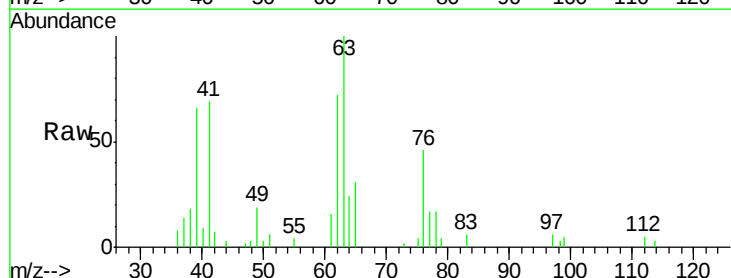
Manual Integrations
 APPROVED

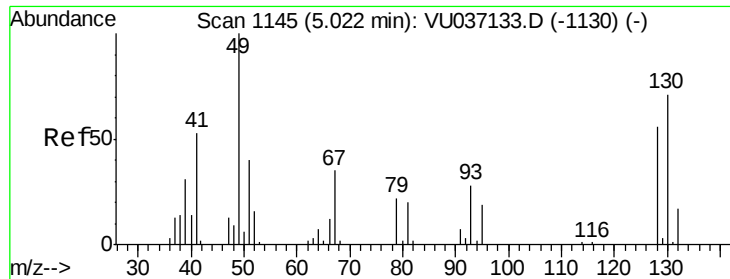
sam
 3/11/2020 3:32:41 PM



#38
 1,2-Dichloropropane
 Concen: 2.054 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion: 63 Resp: 10663
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1





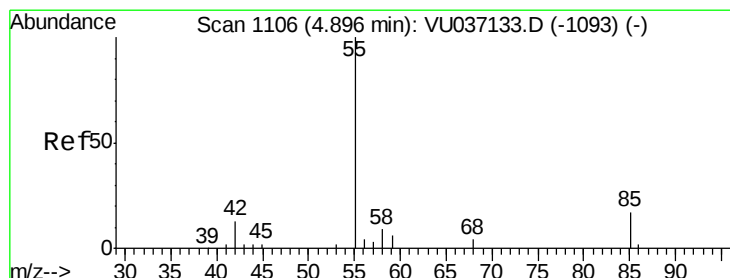
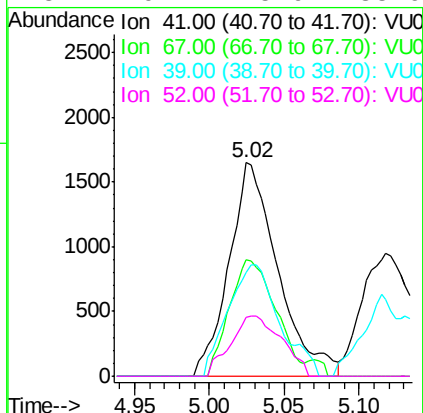
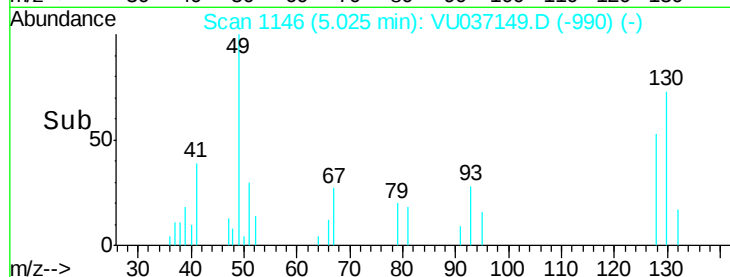
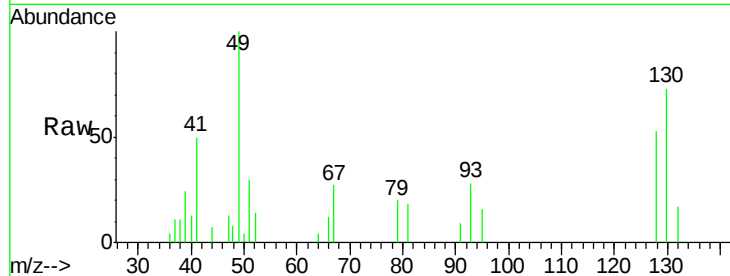
#39
Methacrylonitrile
Concen: 2.036 ug/l
RT: 5.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampled :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
67	51.6	69.6	104.4#
39	54.5	41.6	62.4
52	29.2	25.9	38.9

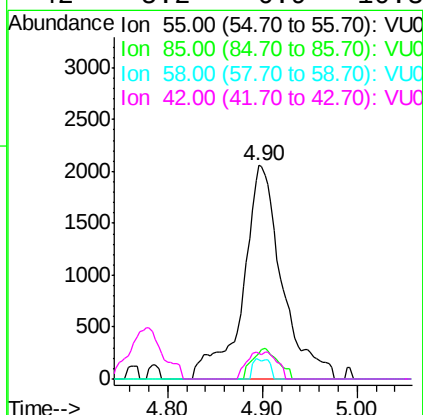
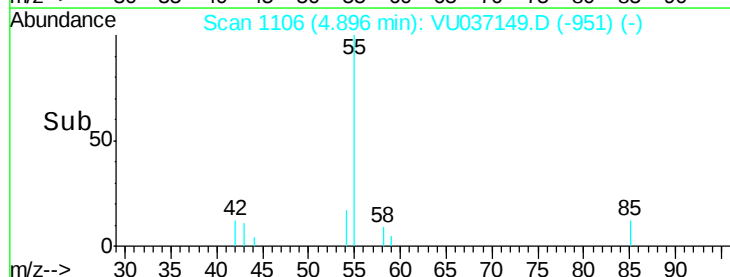
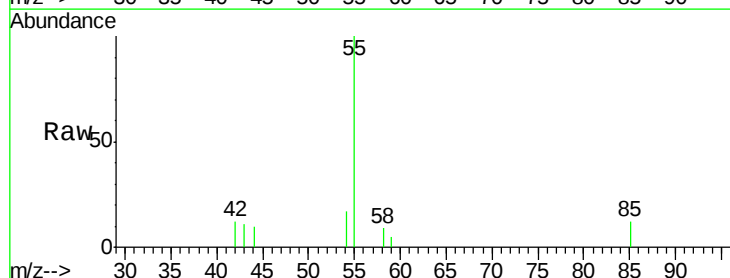
Manual Integrations
APPROVED

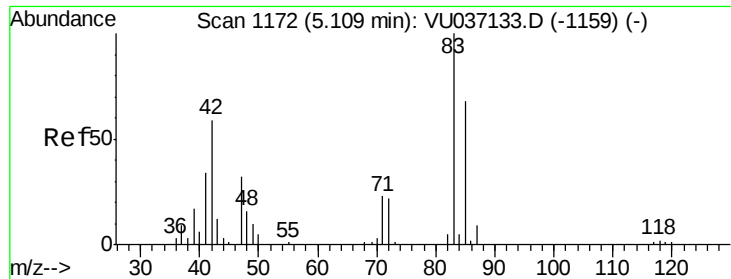
sam
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#40
Methyl acrylate
Concen: 2.297 ug/l
RT: 4.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
55	100		
85	9.4	14.7	22.1#
58	4.0	7.1	10.7#
42	5.2	6.9	10.3#





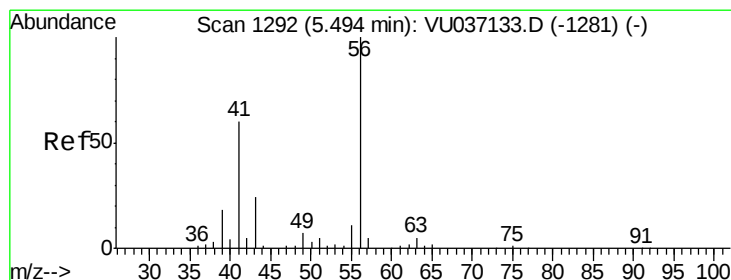
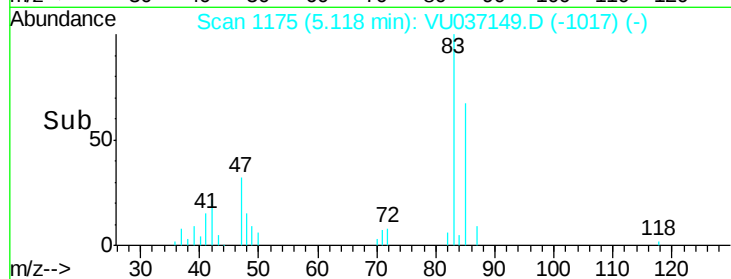
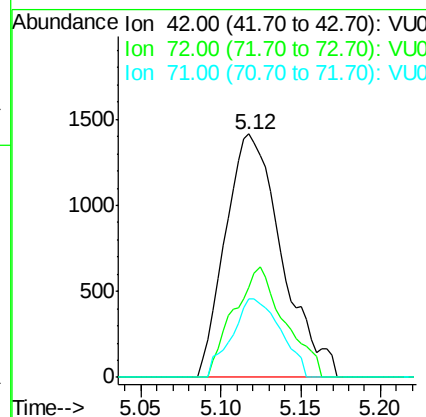
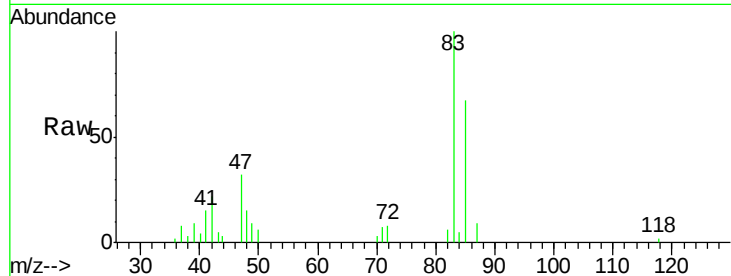
#41
Tetrahydrofuran
Concen: 3.704 ug/l
RT: 5.12 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	42.5	63.7#
71	27.9	37.3	55.9#

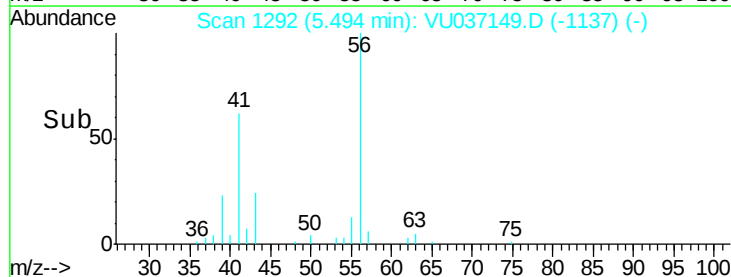
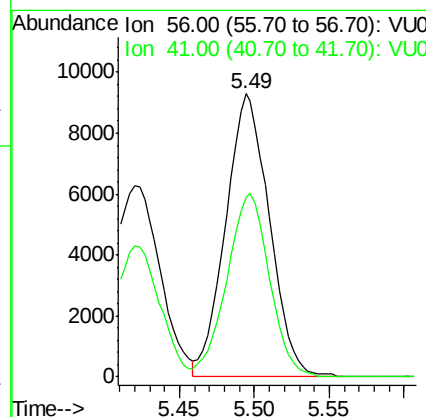
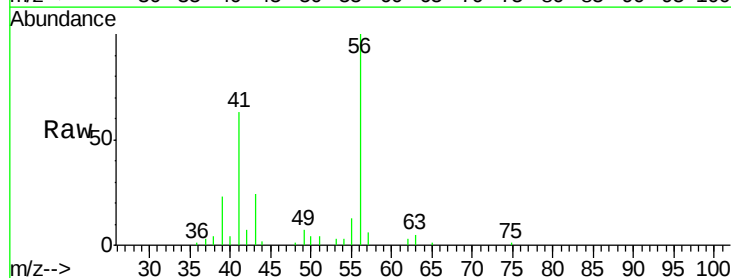
Manual Integrations
APPROVED

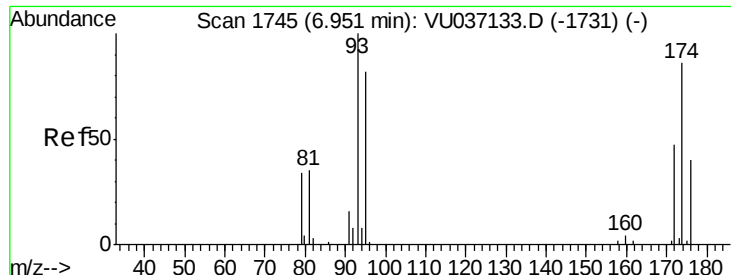
sam
3/11/2020 3:32:41 PM



#42
1-Chlorobutane
Concen: 1.973 ug/l
RT: 5.49 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
56	100		
41	63.1	24.8	74.3





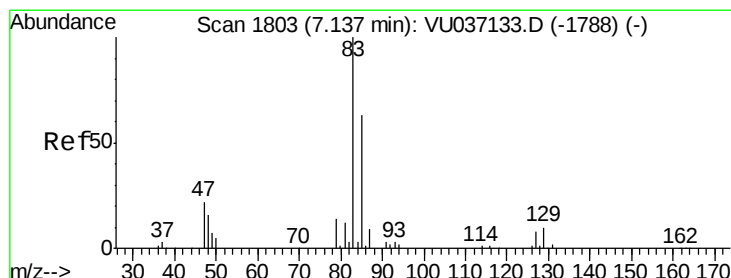
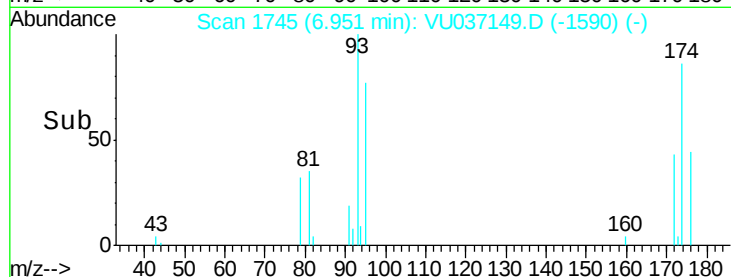
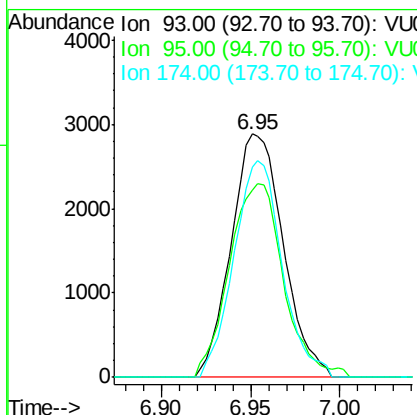
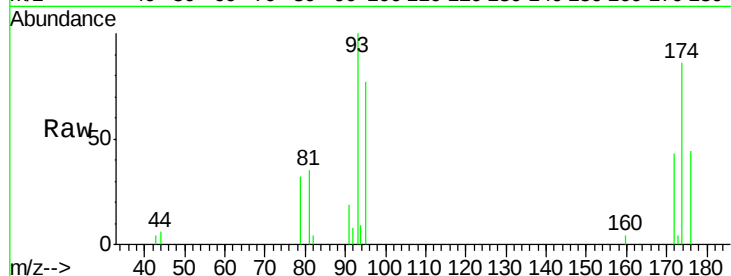
#43
Dibromomethane
Concen: 2.206 ug/l
RT: 6.95 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.9	101.9
174	82.8	83.4	125.0

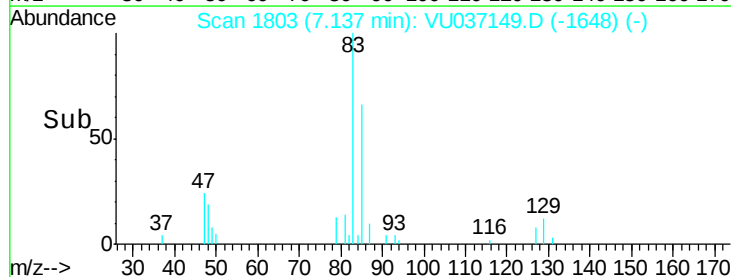
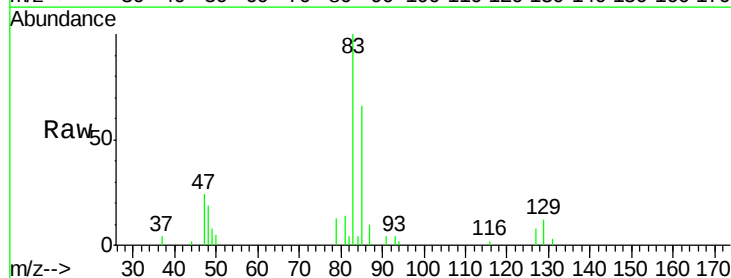
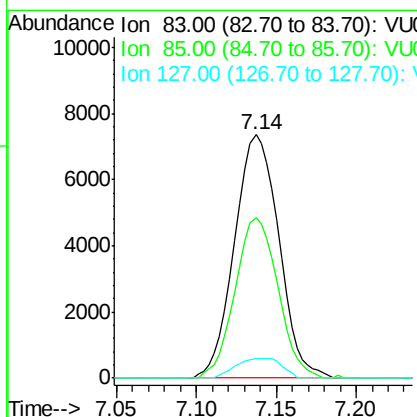
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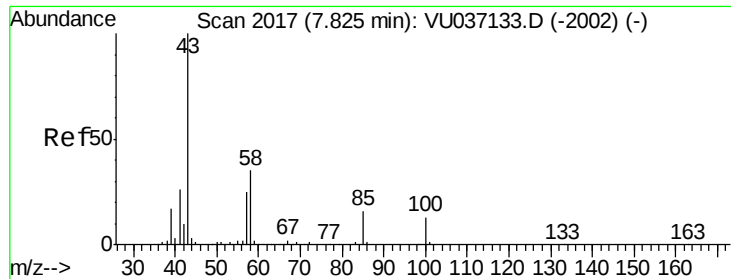
sam
3/11/2020 3:32:41 PM



#44
Bromodichloromethane
Concen: 2.016 ug/l
RT: 7.14 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.6
127	7.8	6.8	10.2





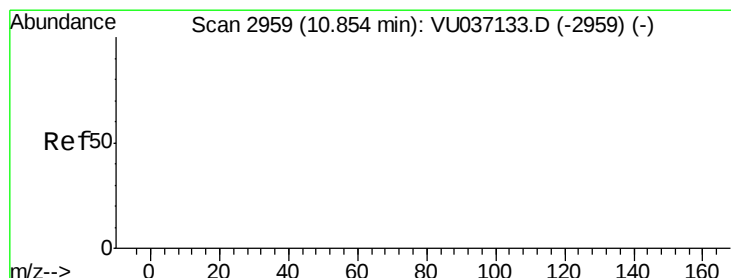
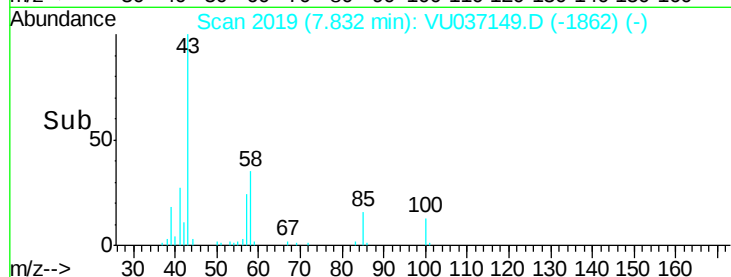
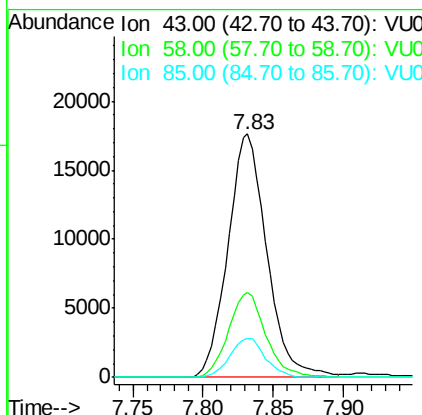
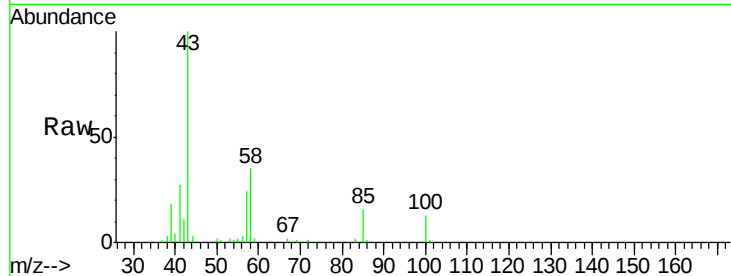
#45
4-Methyl-2-Pentanone
Concen: 9.515 ug/l
RT: 7.83 min Scan# 2019
Delta R.T. 0.01 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.5	22.1	66.1
85	14.6	17.4	26.0#

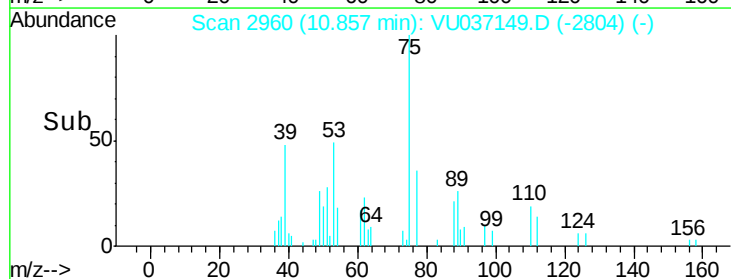
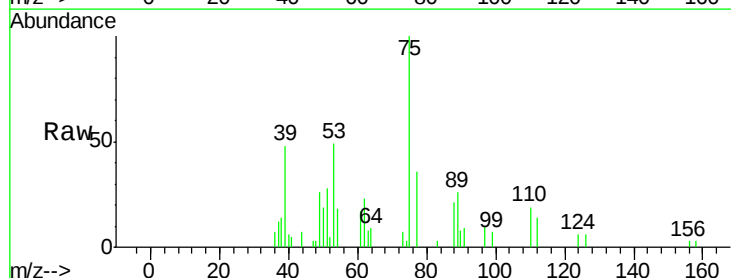
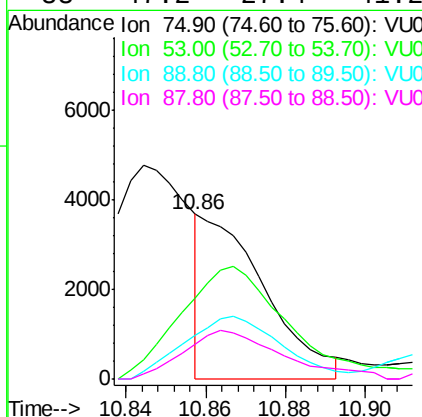
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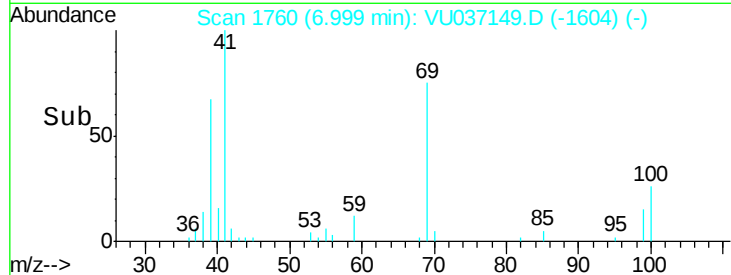
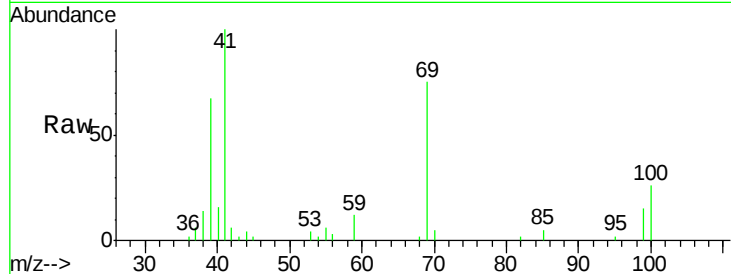
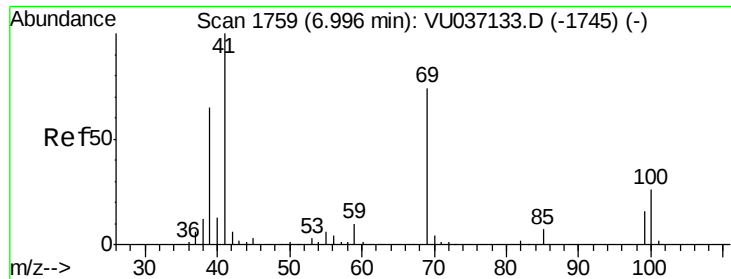
sam
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#46
t-1,4-Dichloro-2-butene
Concen: 4.103 ug/l m
RT: 10.86 min Scan# 2960
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
75	100		
53	117.1	52.2	78.2#
89	59.2	39.8	59.6
88	47.2	27.4	41.2#





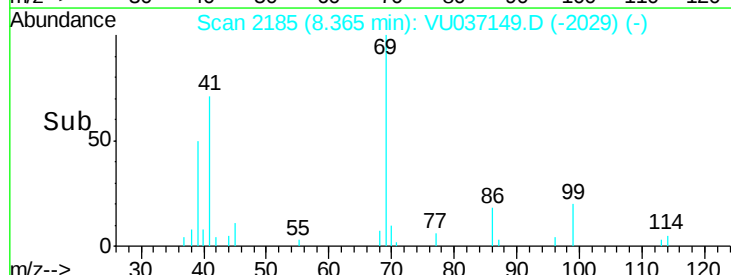
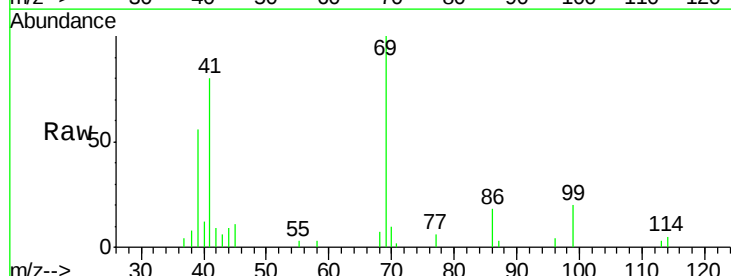
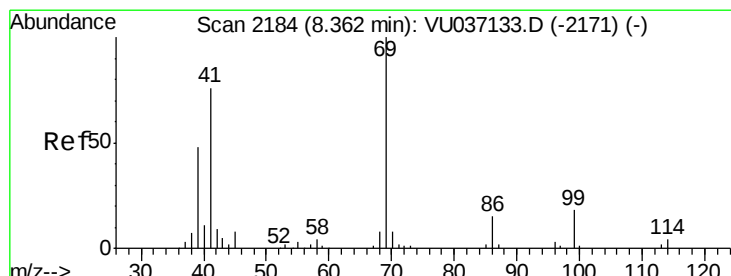
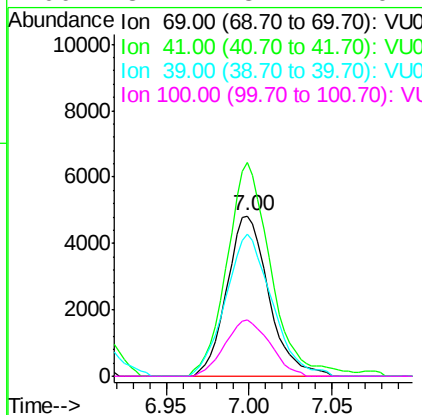
#47
Methyl methacrylate
Concen: 3.862 ug/l
RT: 7.00 min Scan# 1760
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	139.4	0.0	200.8		
39	97.7	43.5	65.3		
100	37.7	31.1	46.7		

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

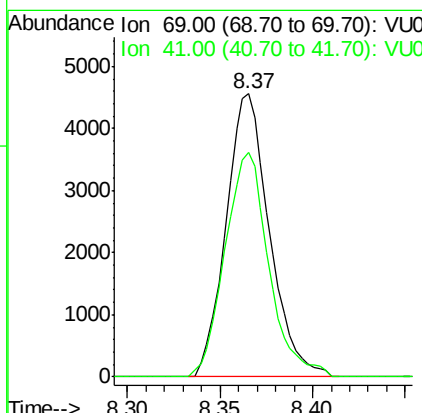
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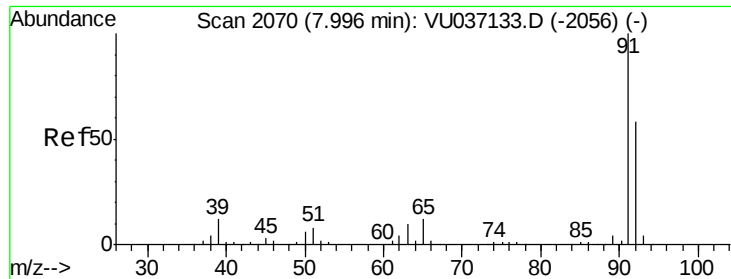
sam
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#48
Ethyl methacrylate
Concen: 1.705 ug/l
RT: 8.37 min Scan# 2185
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	80.3	27.9	83.6		





#49

Toluene

Concen: 1.947 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampled :

VU0310WBS01

Tot Ion: 92 Resp: 22240

Ion Ratio Lower Upper

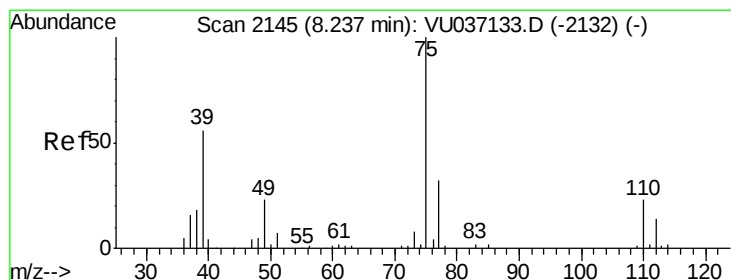
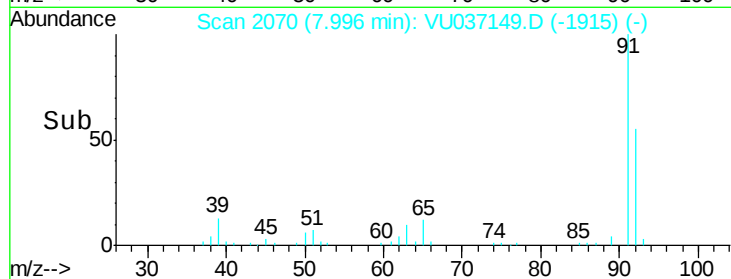
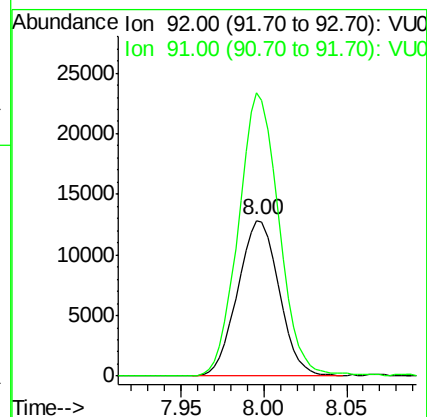
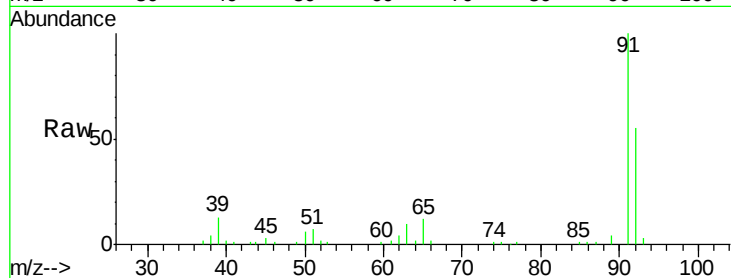
92 100

91 178.8 139.1 208.7

Manual Integrations
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#50

t-1,3-Dichloropropene

Concen: 1.826 ug/l

RT: 8.24 min Scan# 2146

Delta R.T. 0.00 min

Lab File: VU037149.D

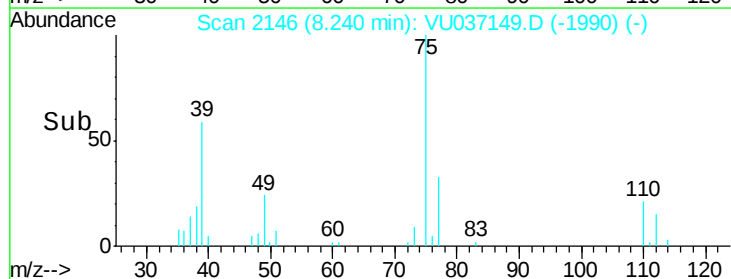
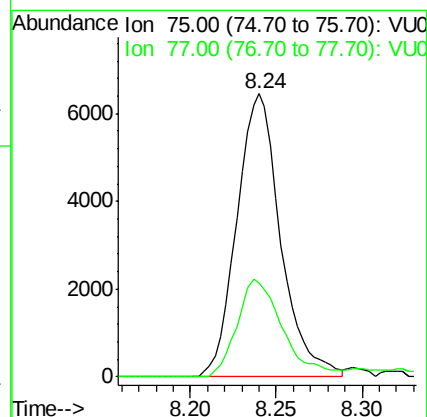
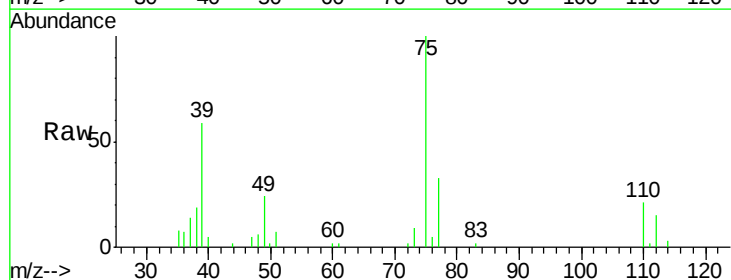
Acq: 10 Mar 2020 13:13

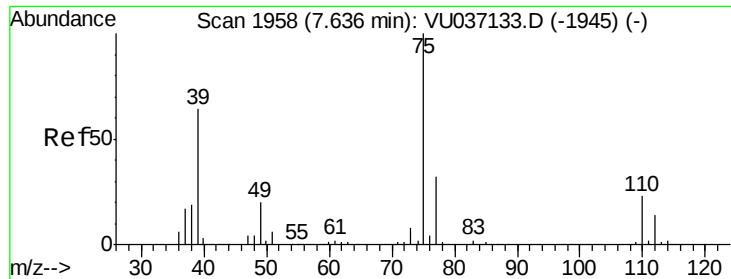
Tgt Ion: 75 Resp: 11401

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2





#51

cis-1,3-Dichloropropene

Concen: 1.911 ug/l

RT: 7.64 min Scan# 1959

Delta R.T. 0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 75 Resp: 13622

Ion Ratio Lower Upper

75 100

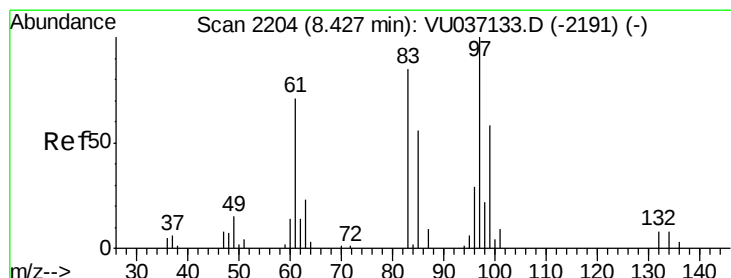
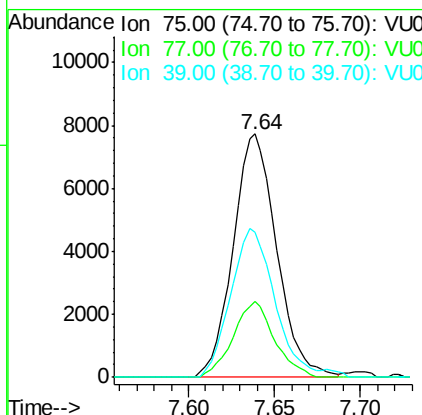
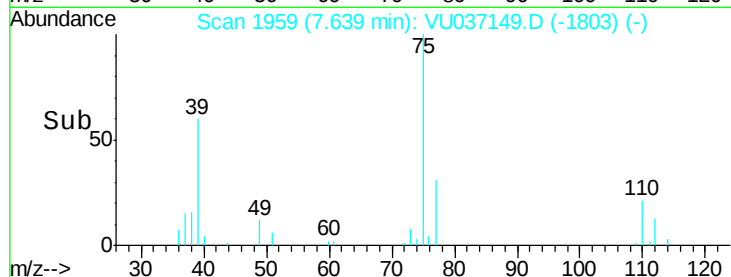
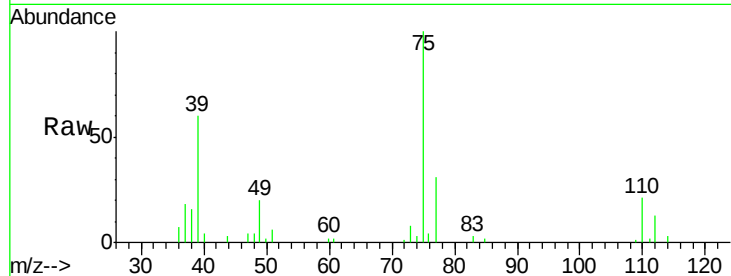
77 31.1 25.3 37.9

39 59.8 31.8 47.6#

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#52

1,1,2-Trichloroethane

Concen: 2.120 ug/l

RT: 8.43 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Tgt Ion: 97 Resp: 7527

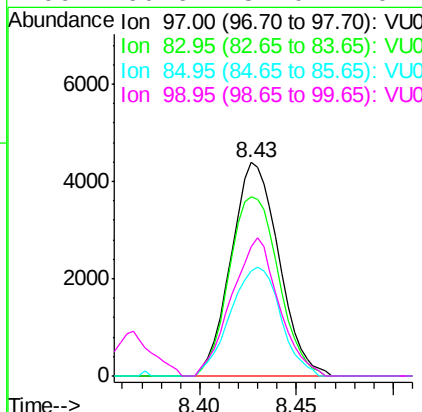
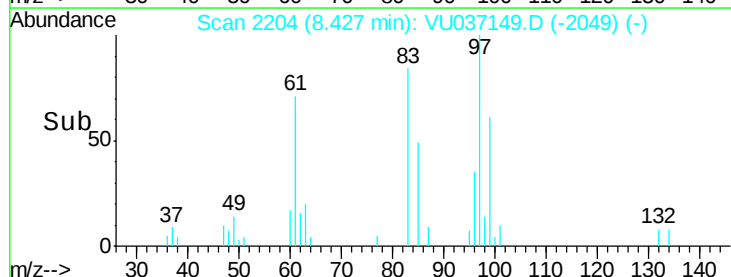
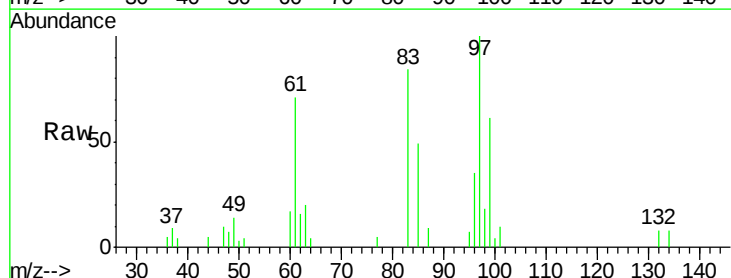
Ion Ratio Lower Upper

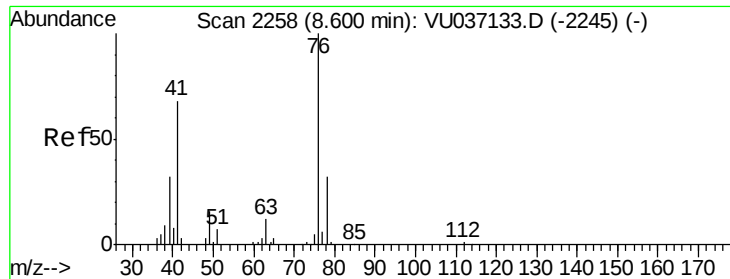
97 100

83 84.0 70.9 106.3

85 49.3 45.6 68.4

99 60.6 51.0 76.4





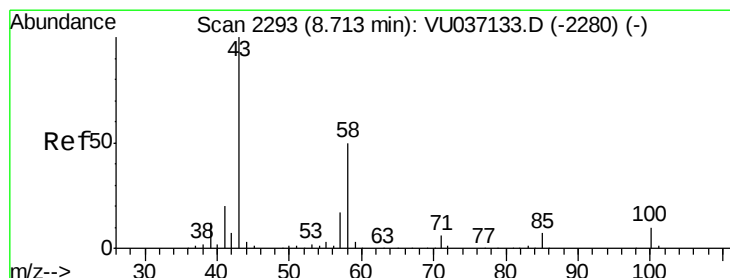
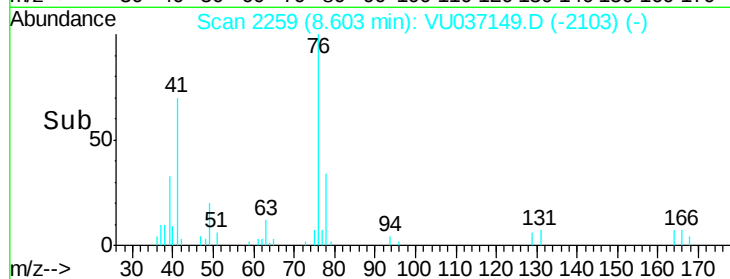
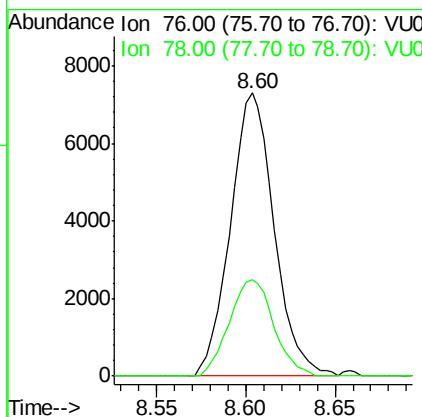
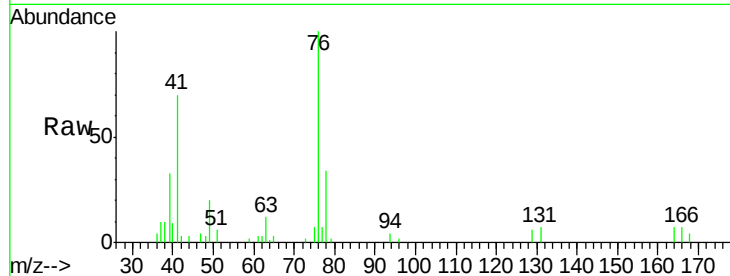
#53
 1,3-Dichloropropane
 Concen: 1.979 ug/l
 RT: 8.60 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.5	25.4	38.2

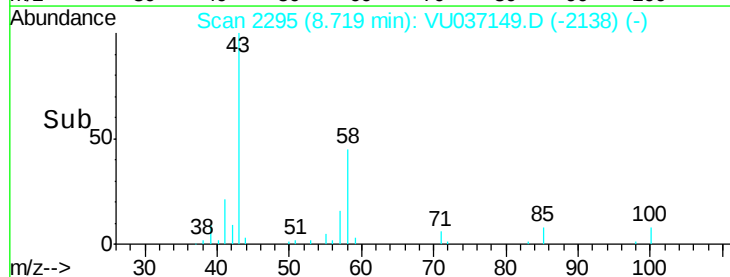
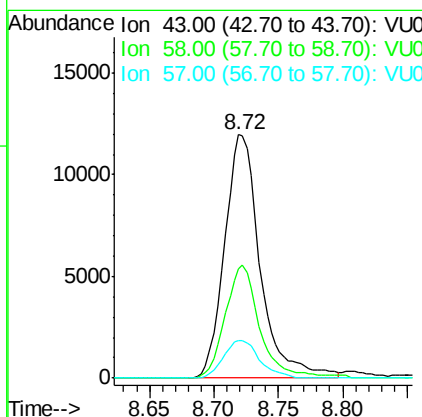
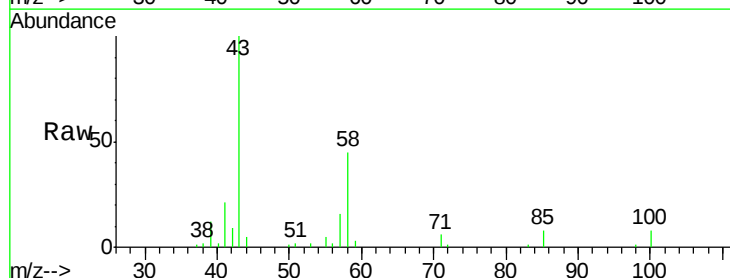
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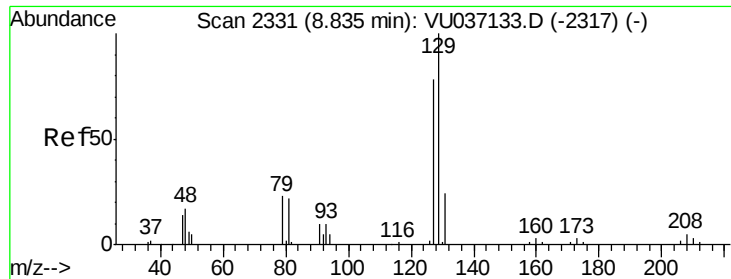
sam
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#54
 2-Hexanone
 Concen: 9.354 ug/l
 RT: 8.72 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.6	40.6	80.6
57	15.7	1.2	41.2





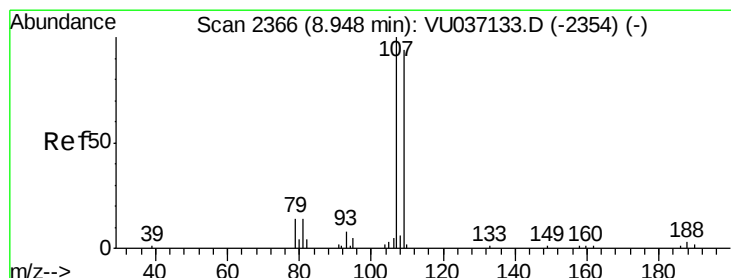
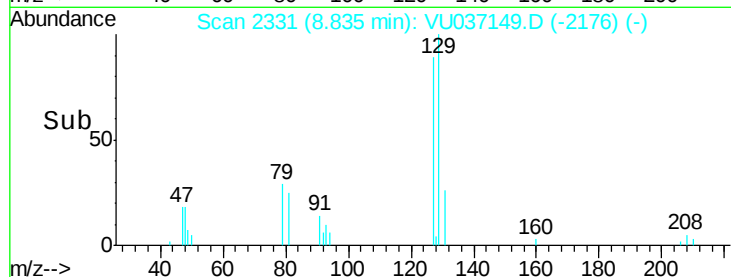
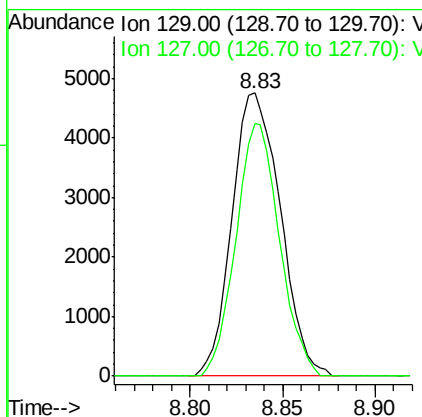
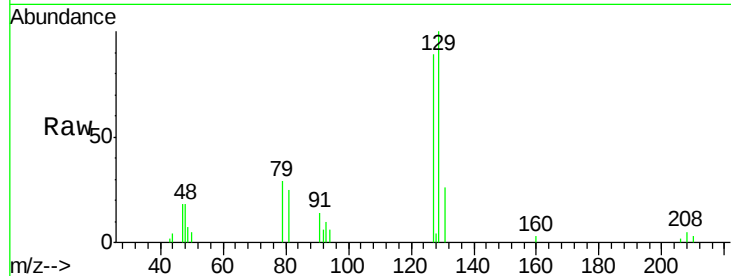
#55
 Dibromochloromethane
 Concen: 1.968 ug/l
 RT: 8.83 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampled :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	80.2	62.6	94.0

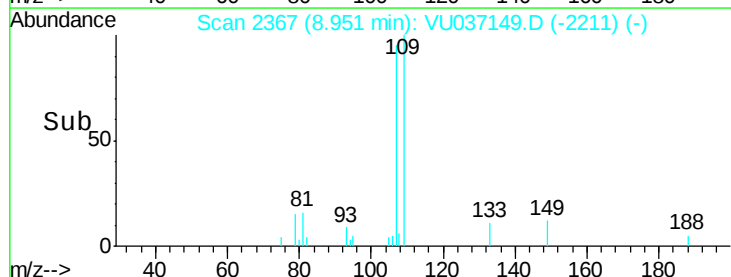
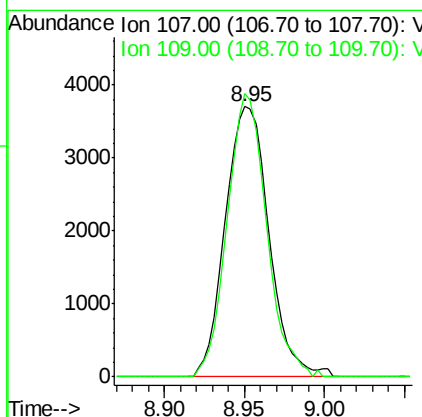
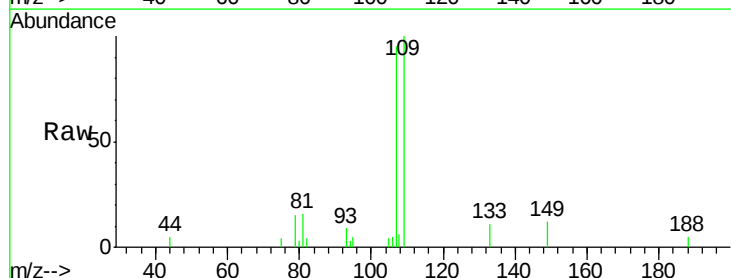
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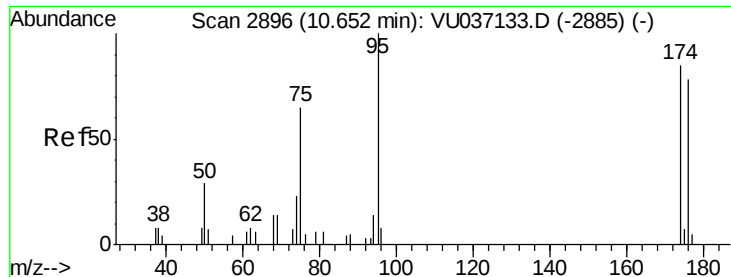
sam
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#56
 1,2-Dibromoethane
 Concen: 2.050 ug/l
 RT: 8.95 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	0.0	190.8





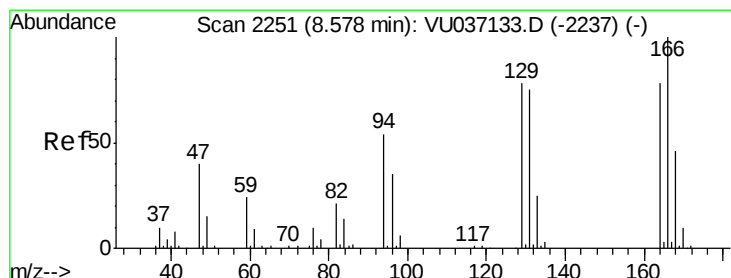
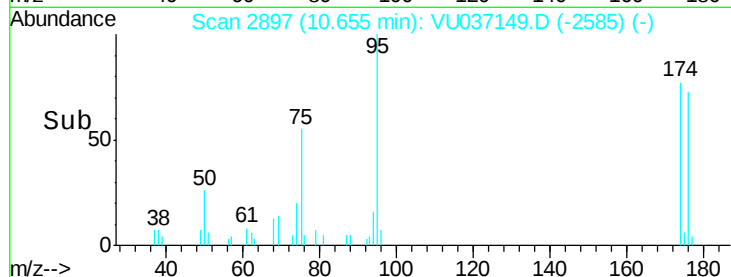
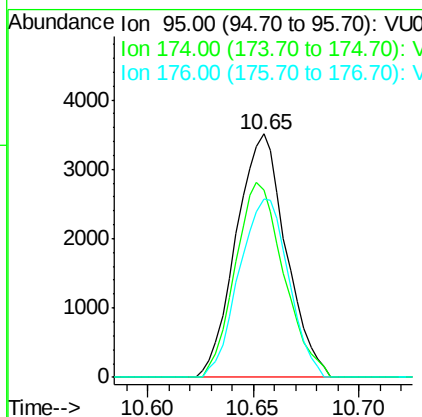
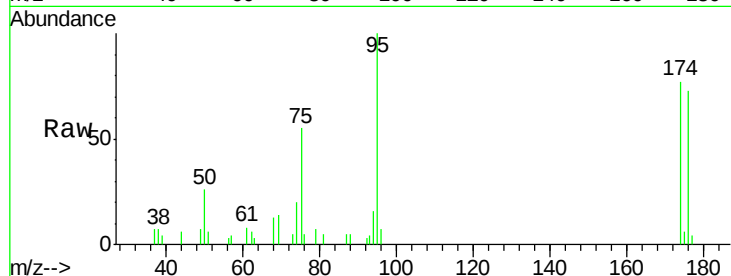
#57
4-Bromofluorobenzene
Concen: 0.950 ug/l
RT: 10.65 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
95	100		
174	78.1	64.7	97.1
176	72.7	60.6	91.0

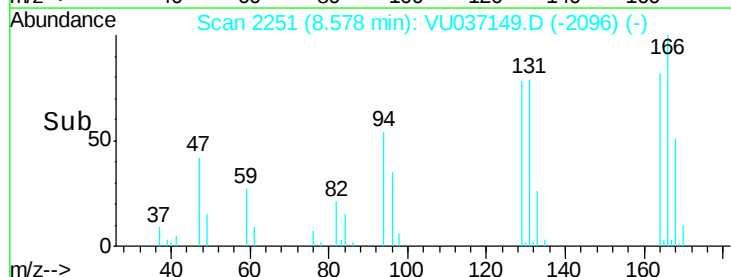
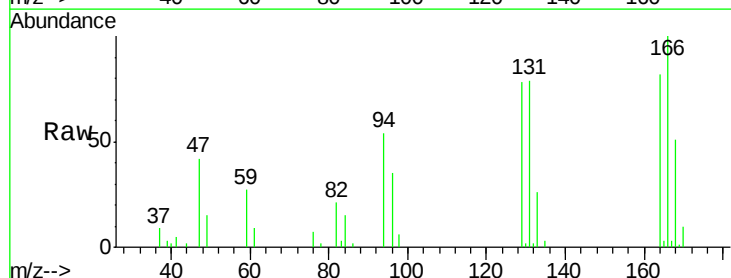
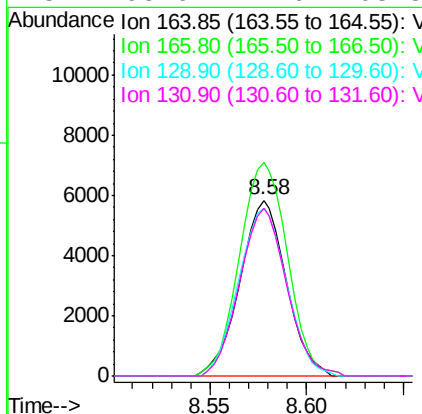
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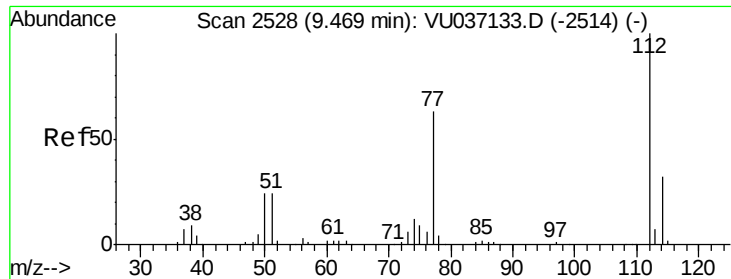
sam
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#58
Tetrachloroethene
Concen: 2.082 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.8	102.0	153.0
129	95.3	74.9	112.3
131	95.6	72.6	108.8





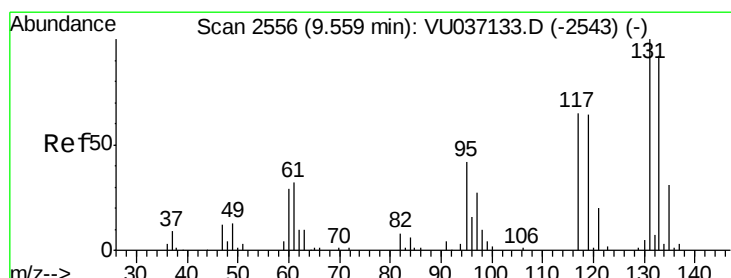
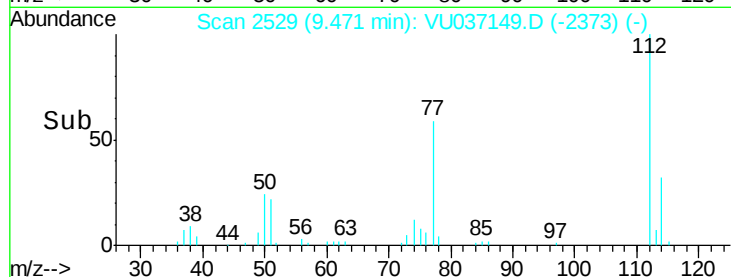
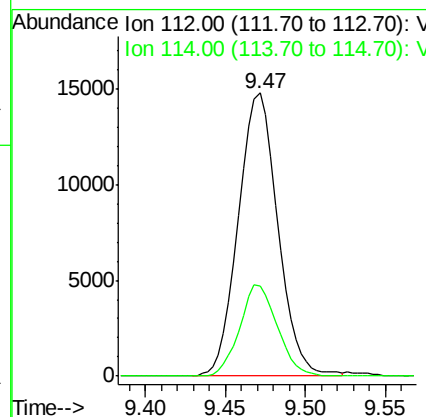
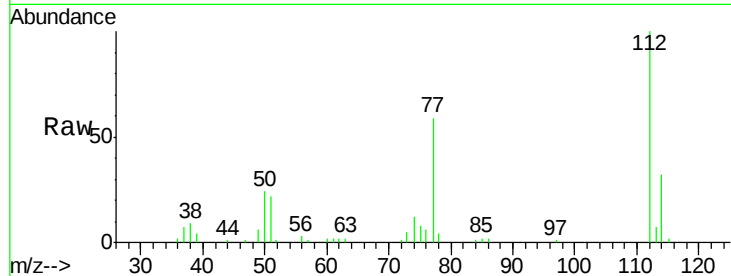
#59
Chlorobenzene
Concen: 1.954 ug/l
RT: 9.47 min Scan# 2529
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion:112 Resp: 24919
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

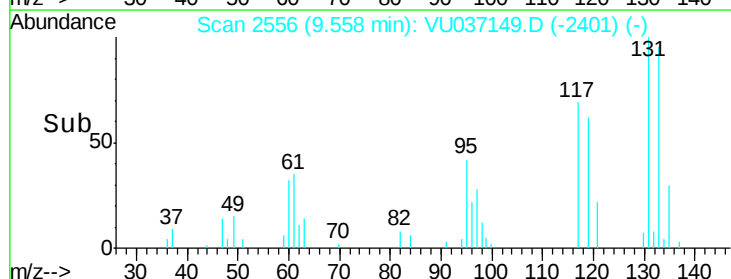
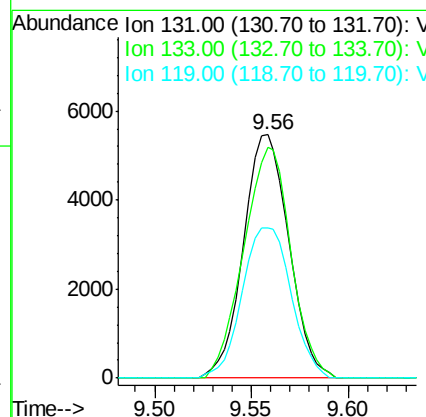
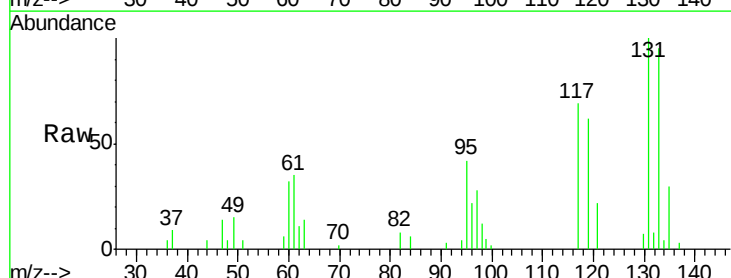
Manual Integrations
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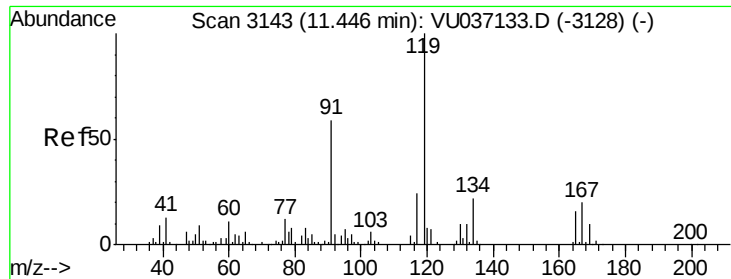
sam
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.918 ug/l
RT: 9.56 min Scan# 2556
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion:131 Resp: 8952
Ion Ratio Lower Upper
131 100
133 98.5 76.4 114.6
119 66.5 56.6 85.0





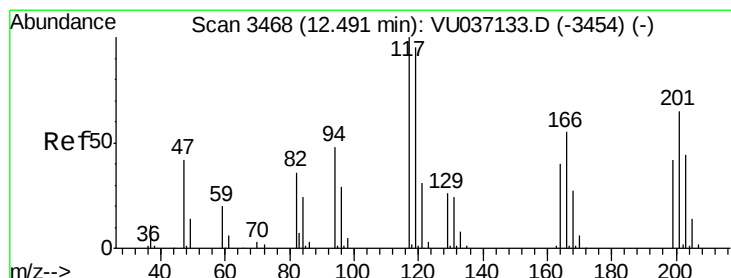
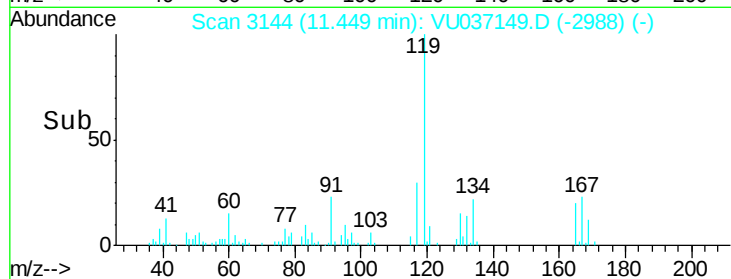
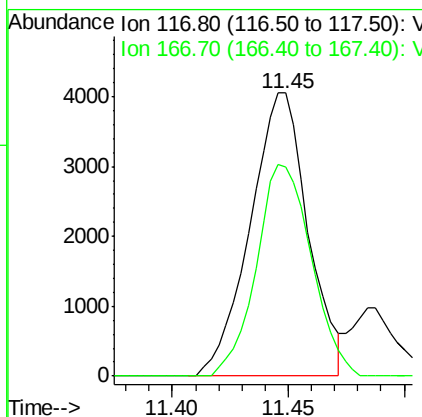
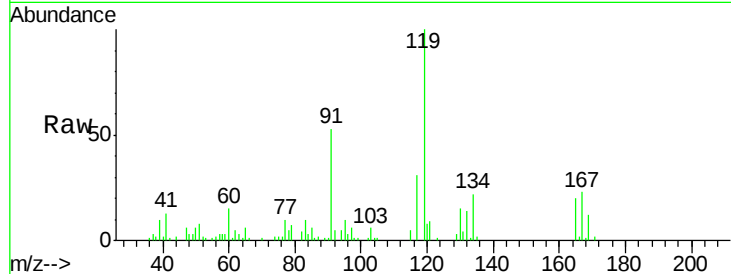
#61
 Pentachloroethane
 Concen: 1.968 ug/l
 RT: 11.45 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion:117 Resp: 7007
 Ion Ratio Lower Upper
 117 100
 167 71.4 66.7 100.1

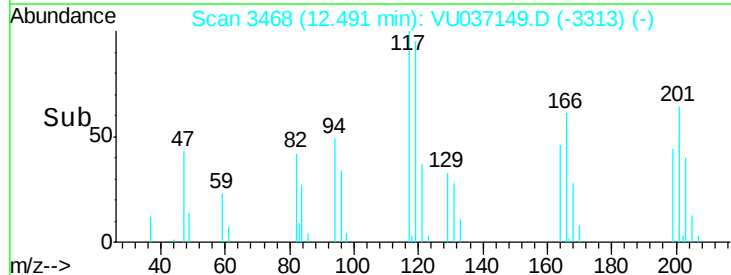
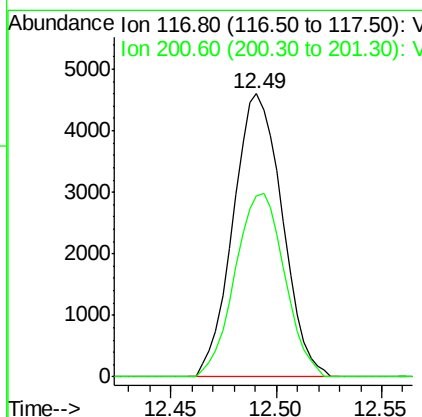
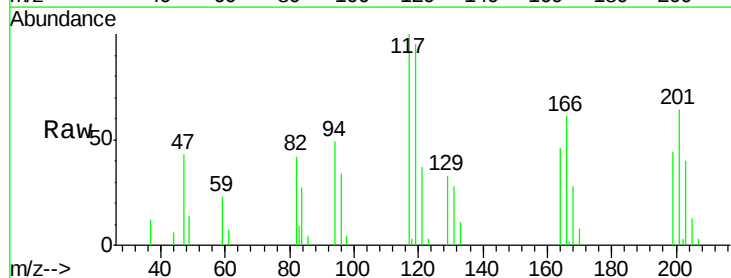
Manual Integrations
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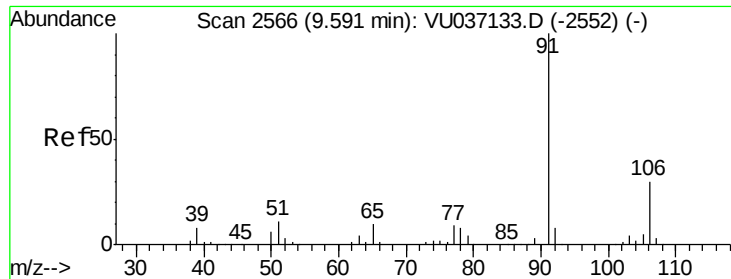
sam
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#62
 Hexachloroethane
 Concen: 1.955 ug/l
 RT: 12.49 min Scan# 3468
 Delta R.T. -0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion:117 Resp: 7451
 Ion Ratio Lower Upper
 117 100
 201 65.2 65.0 97.4





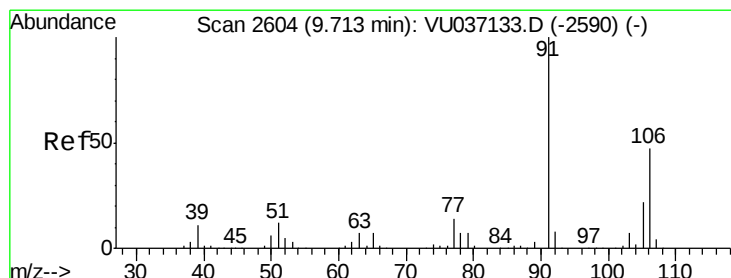
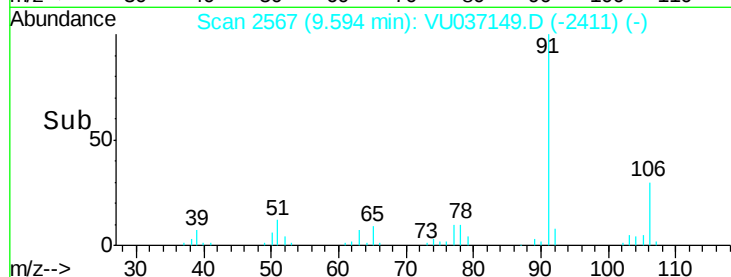
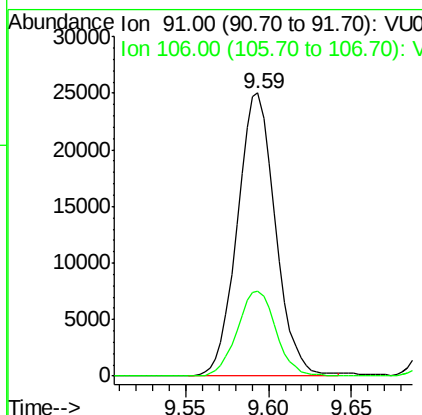
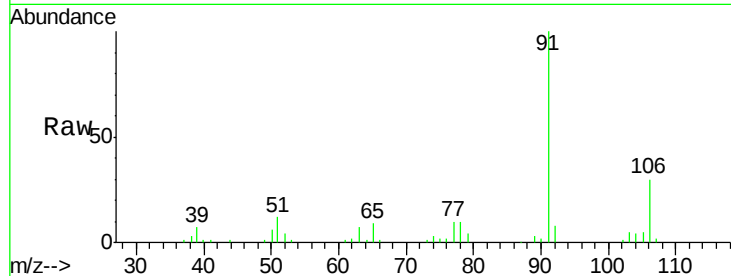
#63
Ethyl Benzene
Concen: 1.832 ug/l
RT: 9.59 min Scan# 2567
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion: 91 Resp: 39880
Ion Ratio Lower Upper
91 100
106 30.1 26.0 39.0

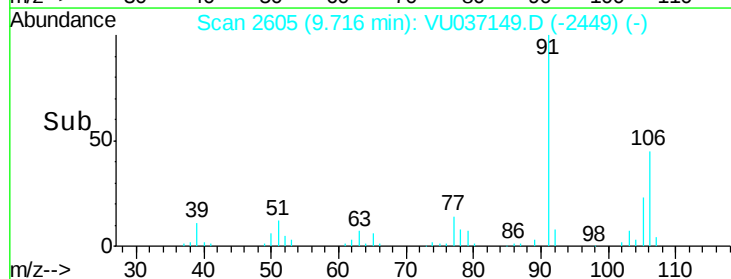
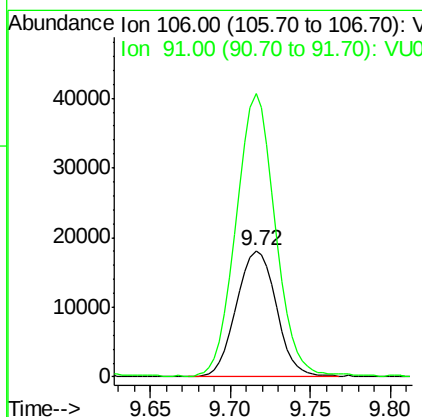
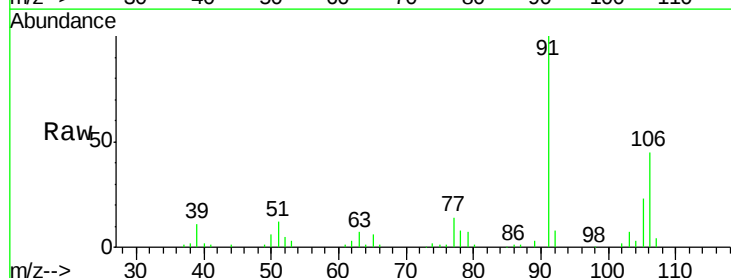
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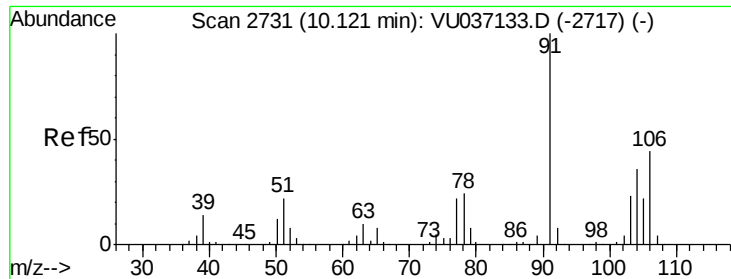
sam
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#64
m/p-Xylenes
Concen: 3.754 ug/l
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion: 106 Resp: 30933
Ion Ratio Lower Upper
106 100
91 220.8 158.2 237.4





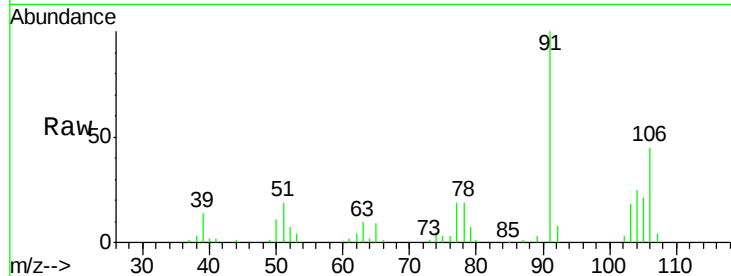
#65
o-Xylene
Concen: 1.992 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

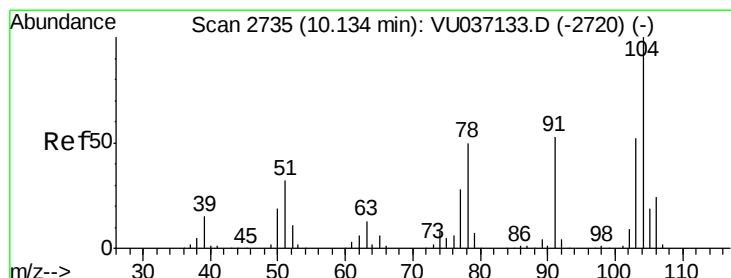
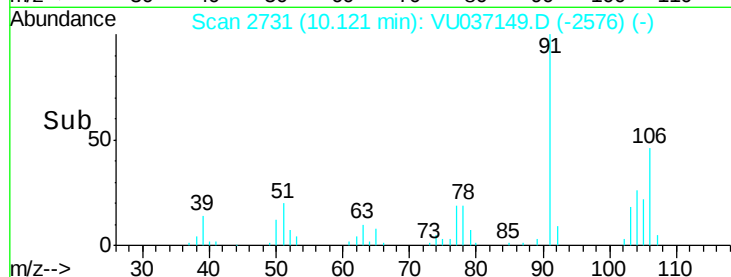
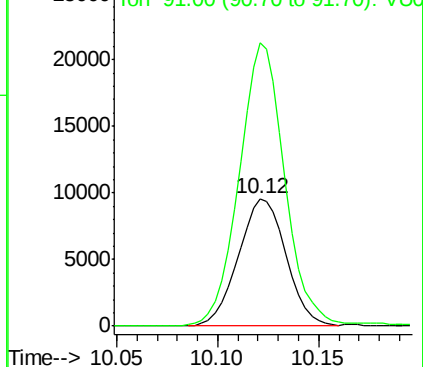
Tot Ion:106 Resp: 15839
Ion Ratio Lower Upper
106 100
91 213.7 104.3 312.9

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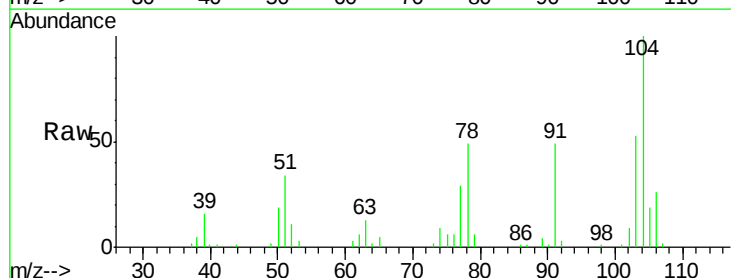


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

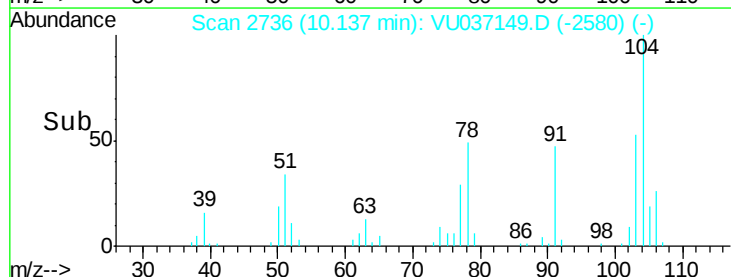
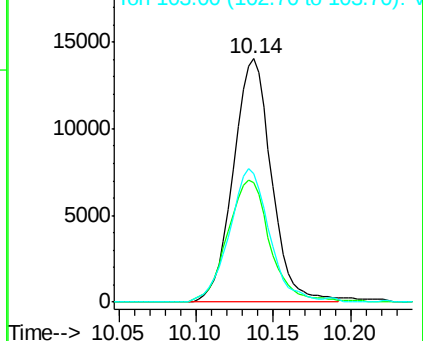


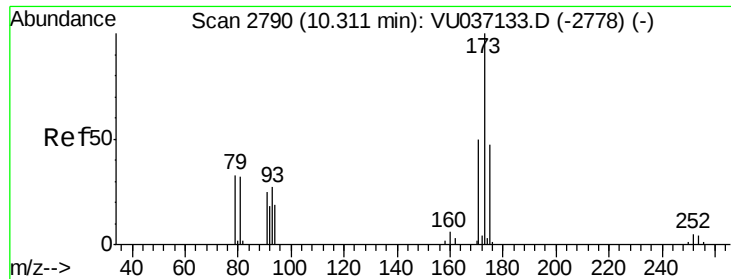
#66
Styrene
Concen: 1.854 ug/l
RT: 10.14 min Scan# 2736
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion:104 Resp: 24122
Ion Ratio Lower Upper
104 100
78 55.7 38.6 57.8
103 57.0 44.4 66.6



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





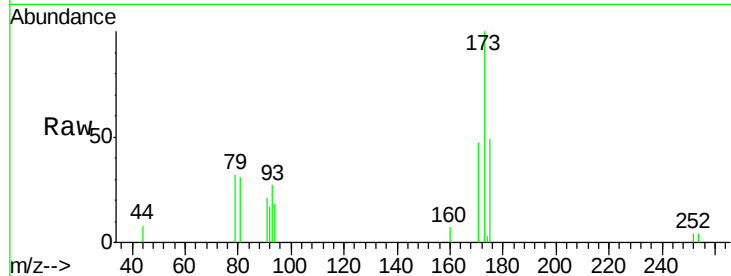
#67
Bromoform
Concen: 2.099 ug/l
RT: 10.31 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

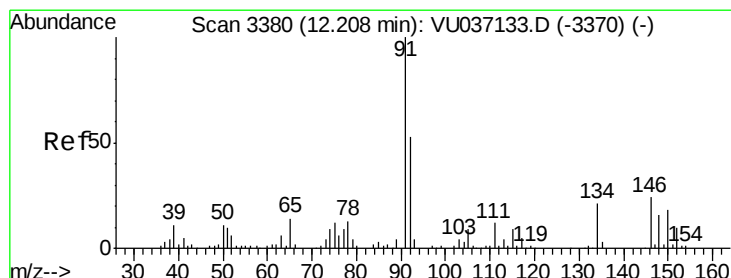
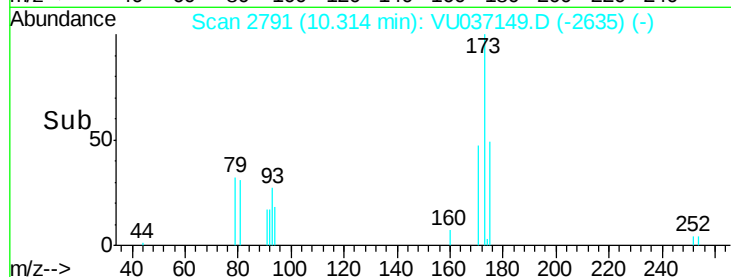
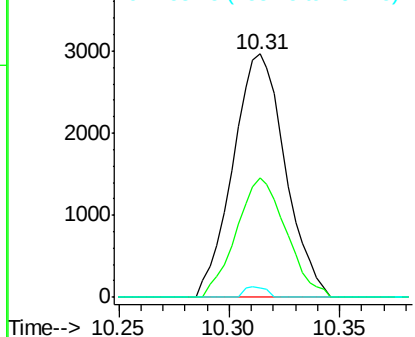
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	38.3	57.5
254	1.8	6.6	9.8

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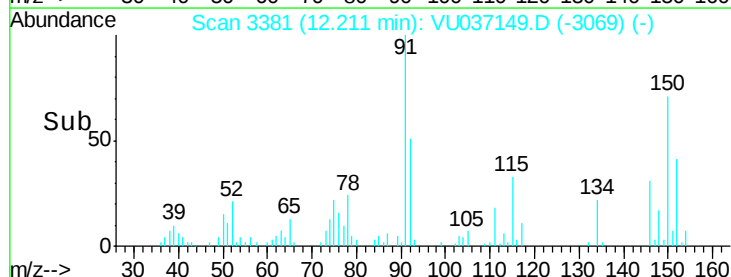
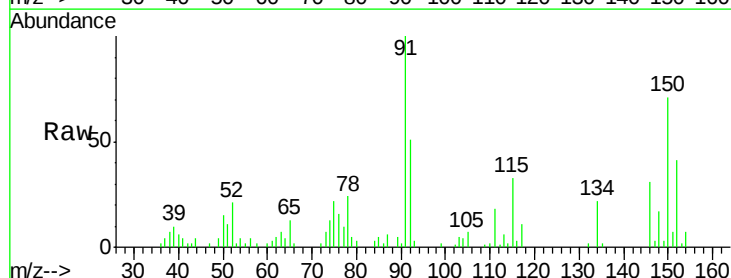
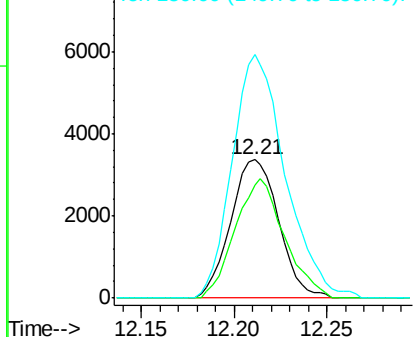
Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

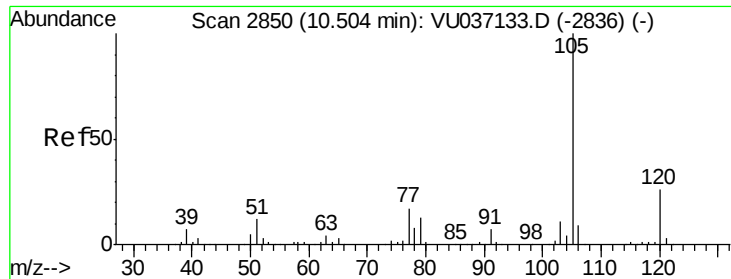


#68
1,2-Dichlorobenzene-d4
Concen: 0.979 ug/l
RT: 12.21 min Scan# 3381
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	88.1	0.0	241.8
150	194.9	0.0	652.4

Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





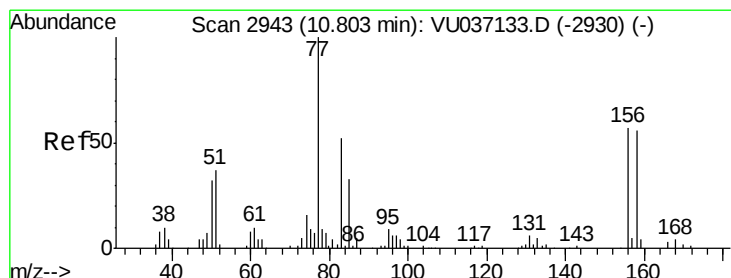
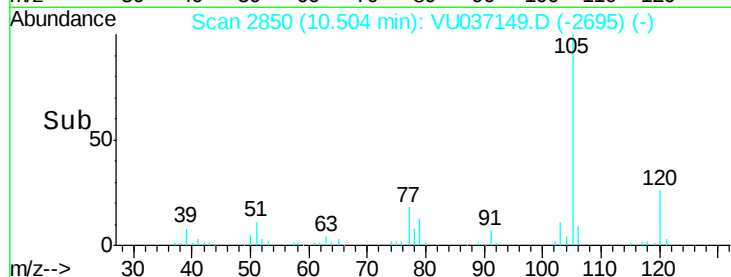
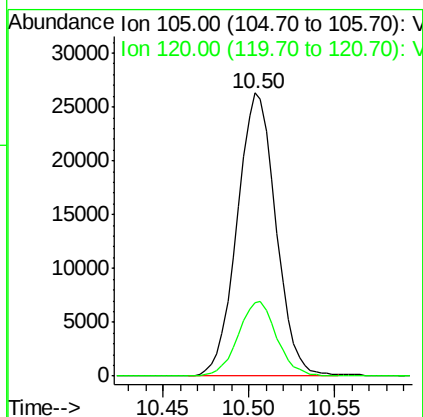
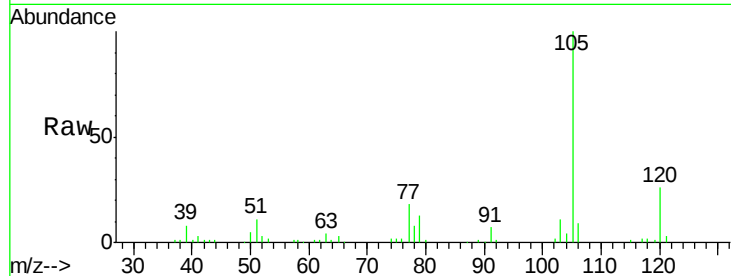
#69
Isopropylbenzene
Concen: 1.906 ug/l
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.6	40.7

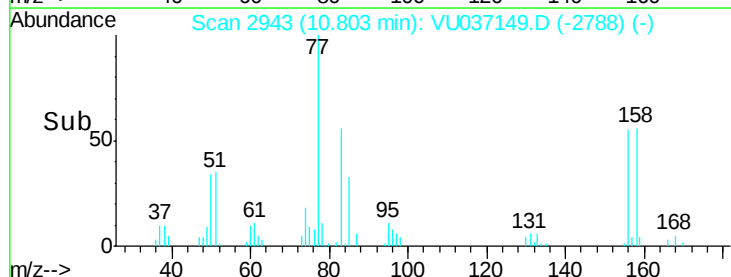
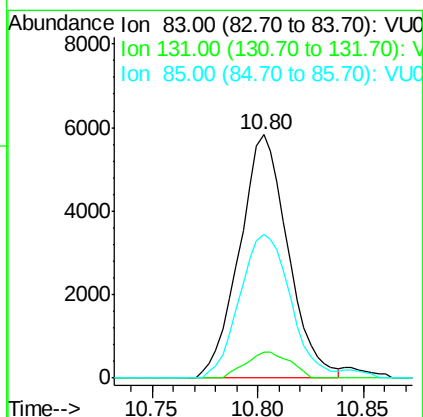
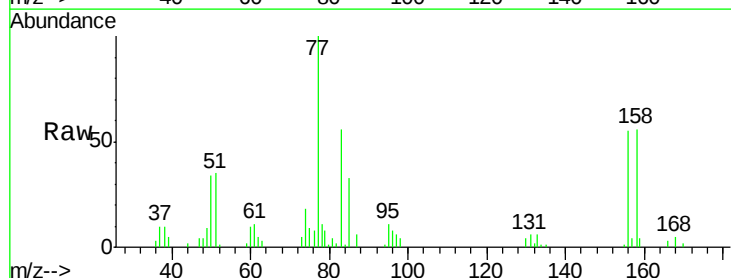
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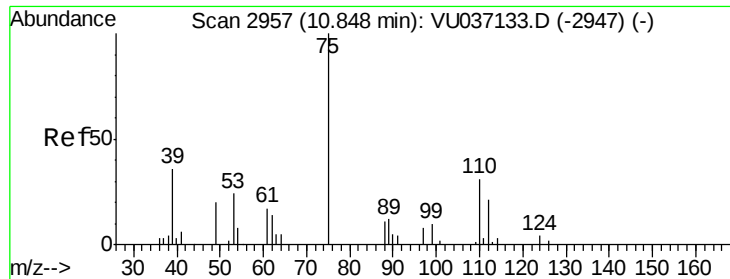
sam
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#70
1,1,2,2-Tetrachloroethane
Concen: 1.994 ug/l
RT: 10.80 min Scan# 2943
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.6	7.8	11.8
85	62.0	53.2	79.8





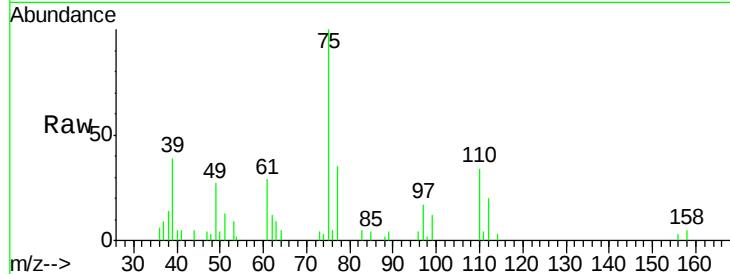
#71
 1,2,3-Trichloropropane
 Concen: 1.893 ug/l m
 RT: 10.84 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampled :
 VU0310WBS01

Tot Ion:	75	Resp:	7226
Ion	Ratio	Lower	Upper
75	100		
77	49.0	0.0	129.6
110	33.7	0.0	77.4
97	18.0	0.0	42.0

Manual Integrations
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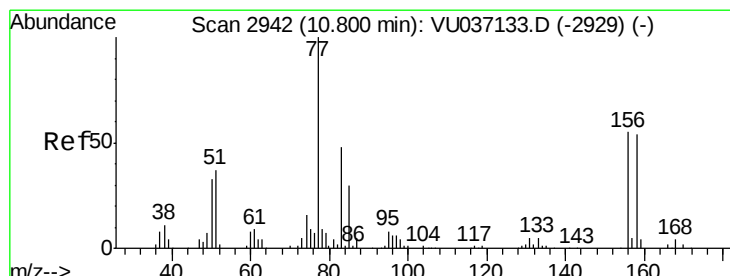
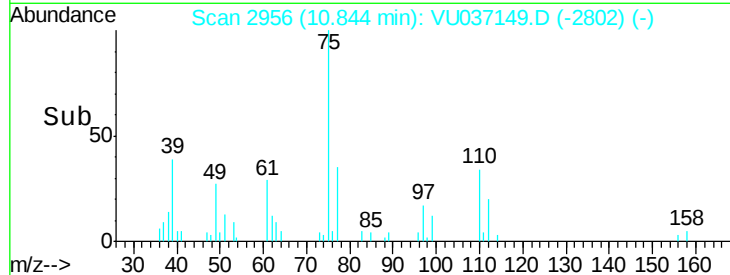
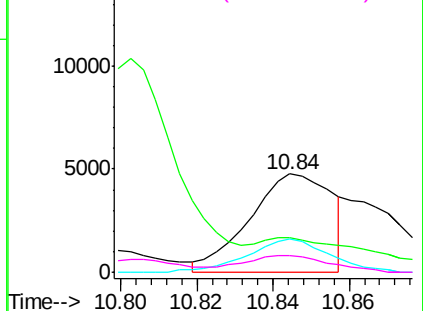
Abundance

Ion 75.00 (74.70 to 75.70): VU037133.D (-2947) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-2947) (-)

Ion 110.00 (109.70 to 110.70): VU037133.D (-2947) (-)

Ion 97.00 (96.70 to 97.70): VU037133.D (-2947) (-)



#72
 Bromobenzene
 Concen: 1.884 ug/l
 RT: 10.80 min Scan# 2943
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

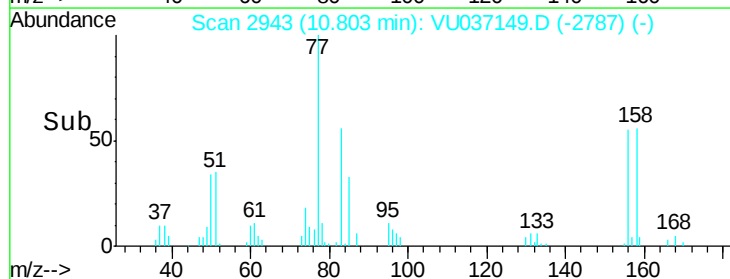
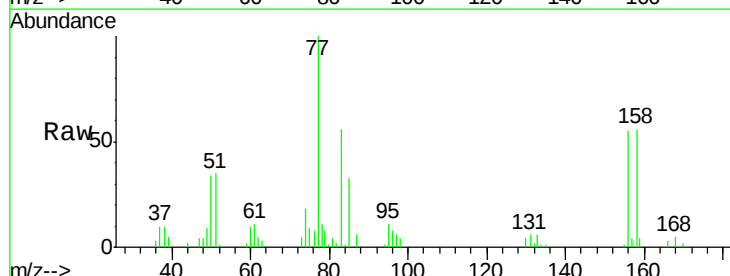
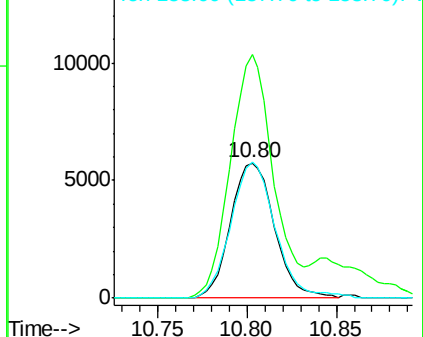
Tgt Ion:	156	Resp:	9877
Ion	Ratio	Lower	Upper
156	100		
77	175.6	0.0	306.6
158	101.6	0.0	192.0

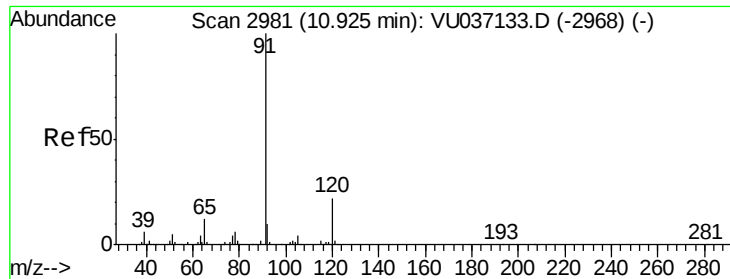
Abundance

Ion 156.00 (155.70 to 156.70): VU037133.D (-2929) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-2929) (-)

Ion 158.00 (157.70 to 158.70): VU037133.D (-2929) (-)





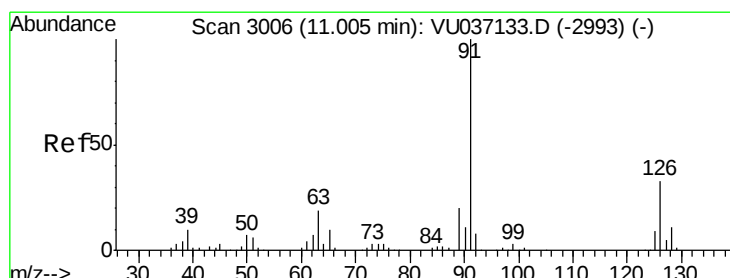
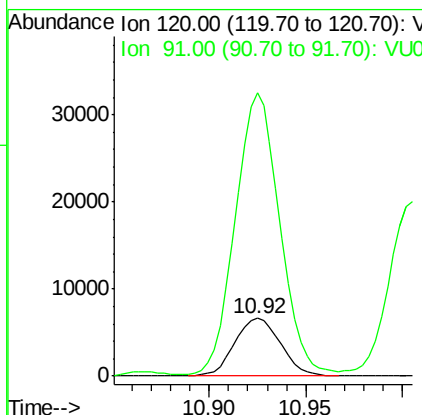
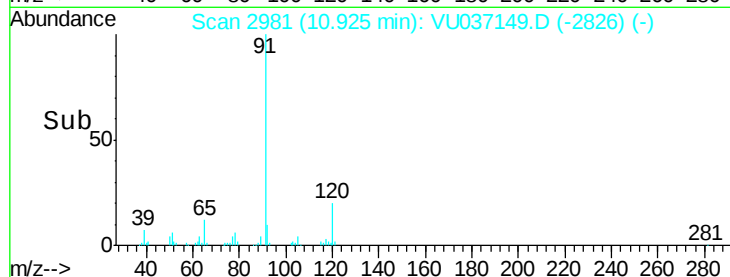
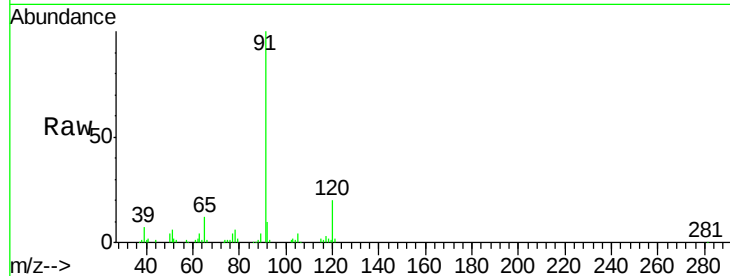
#73
n-propylbenzene
Concen: 1.907 ug/l
RT: 10.92 min Scan# 2981
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion:120 Resp: 10952
Ion Ratio Lower Upper
120 100
91 467.8 329.5 494.3

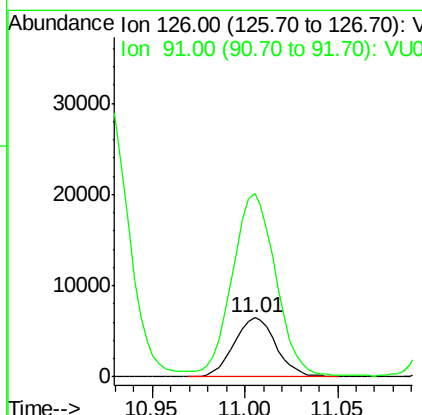
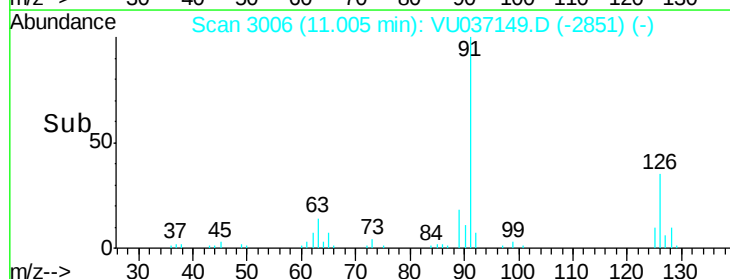
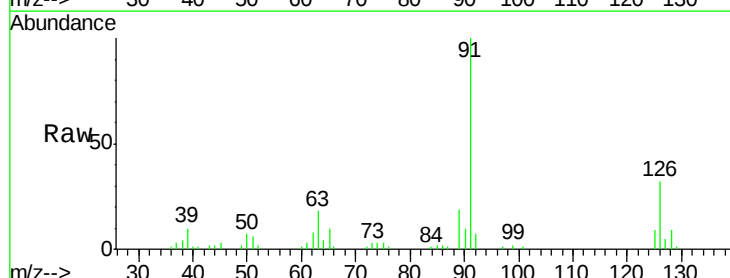
Manual Integrations
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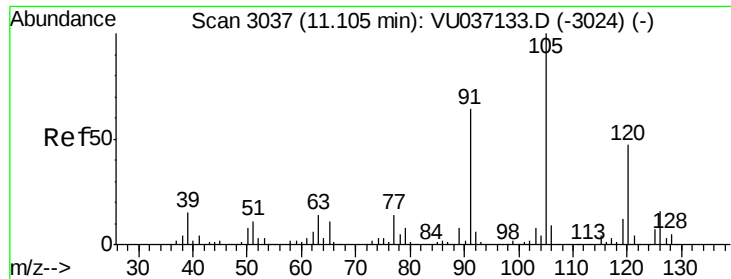
sam
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#74
2-Chlorotoluene
Concen: 1.969 ug/l
RT: 11.01 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion:126 Resp: 10238
Ion Ratio Lower Upper
126 100
91 315.7 0.0 567.4





#75

1,3,5-Trimethylbenzene

Concen: 1.898 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampled :

VU0310WBS01

Tot Ion:105 Resp: 35613

Ion Ratio Lower Upper

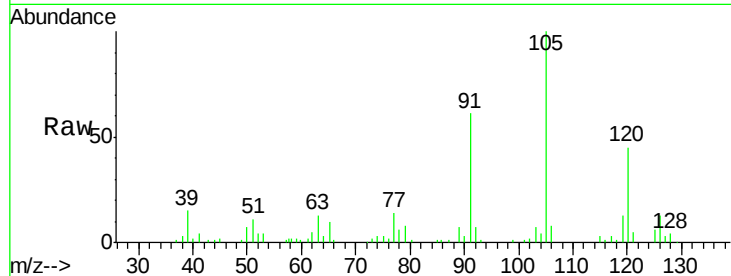
105 100

120 47.8 39.8 59.8

Manual Integrations
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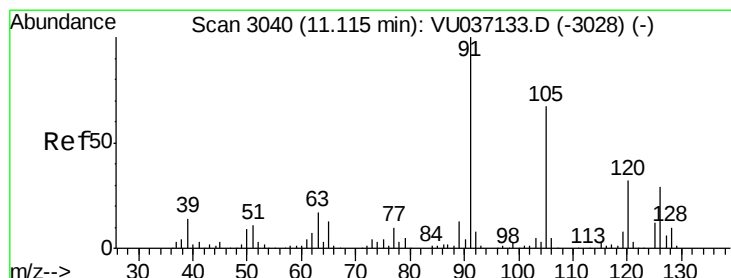
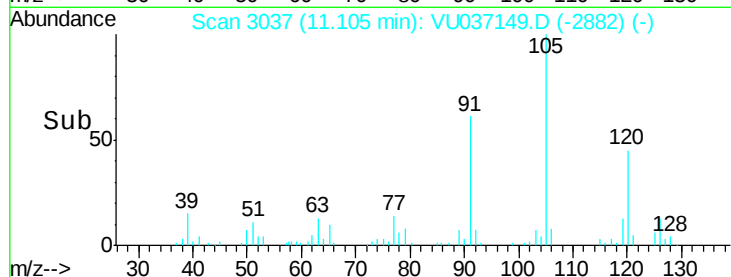
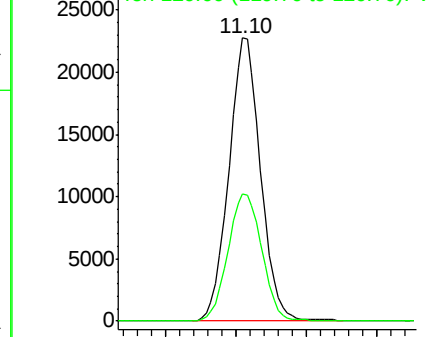
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.945 ug/l

RT: 11.12 min Scan# 3041

Delta R.T. 0.00 min

Lab File: VU037149.D

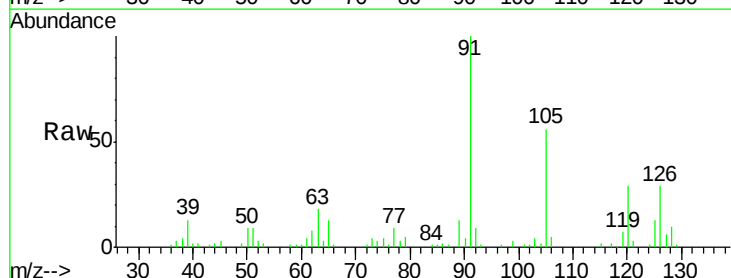
Acq: 10 Mar 2020 13:13

Tgt Ion:126 Resp: 10182

Ion Ratio Lower Upper

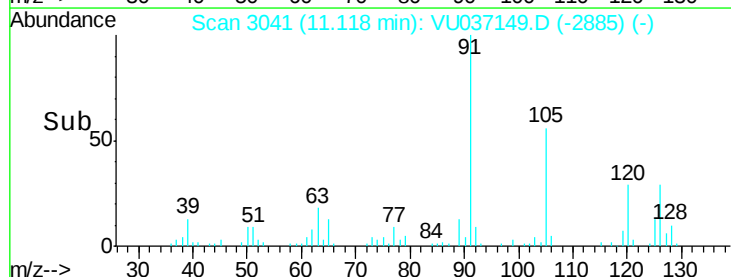
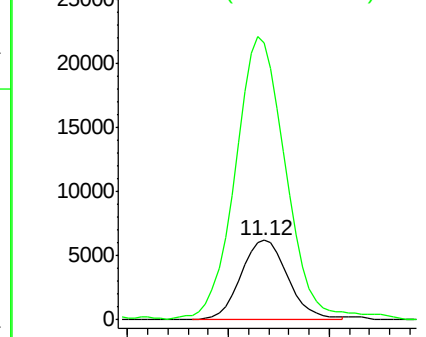
126 100

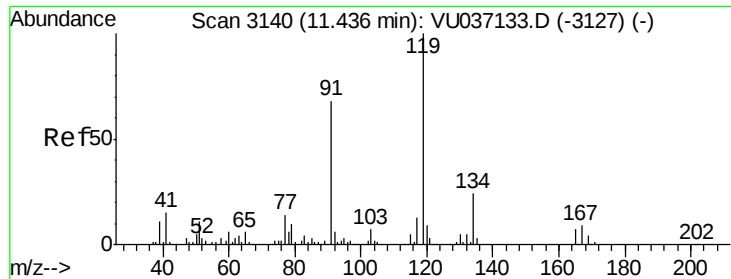
91 382.0 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





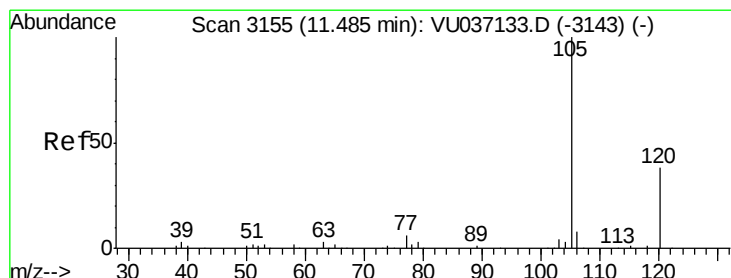
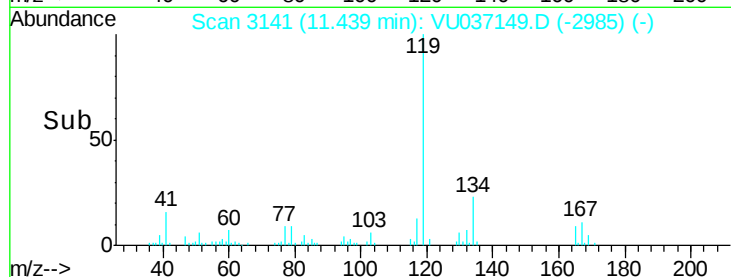
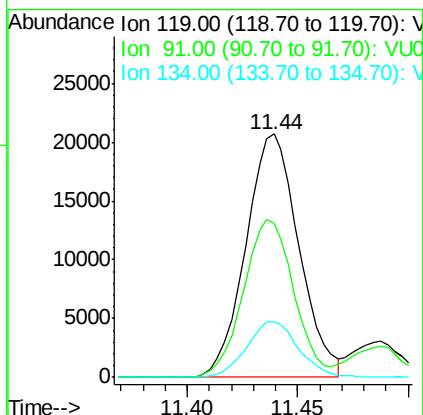
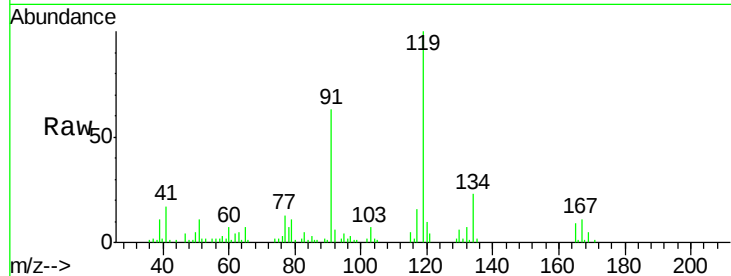
#77
tert-Butylbenzene
Concen: 1.889 ug/l
RT: 11.44 min Scan# 3141
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	29.3	87.8
134	22.5	19.0	28.4

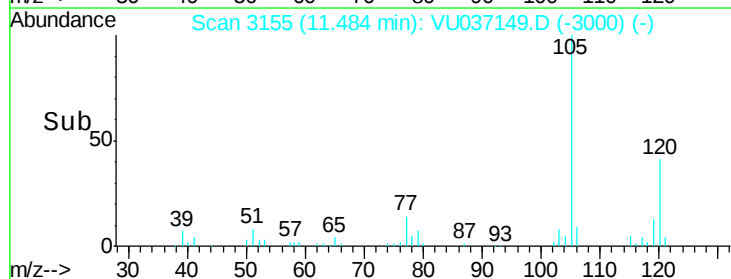
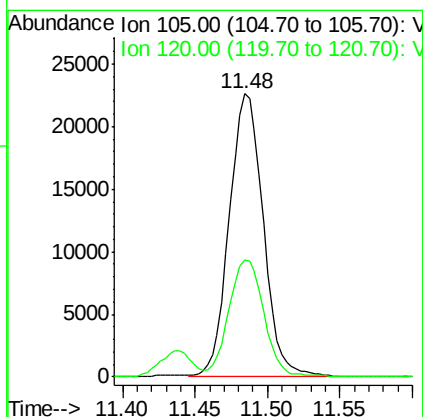
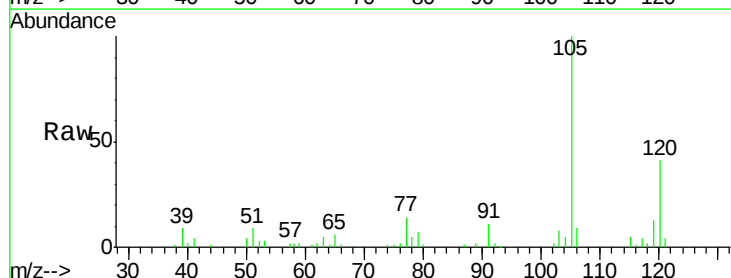
Manual Integrations
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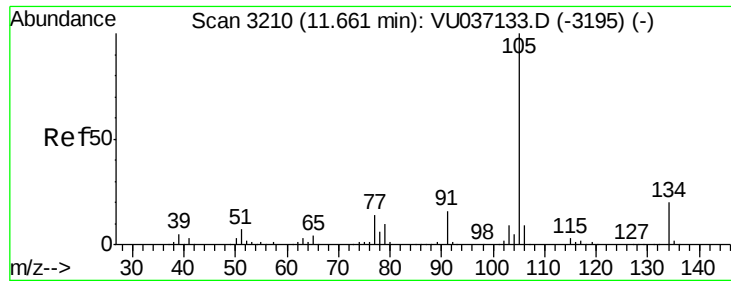
sam
3/11/2020 3:32:41 PM



#78
1,2,4-Trimethylbenzene
Concen: 1.950 ug/l
RT: 11.48 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.7	23.3	69.8





#79

sec-Butylbenzene

Concen: 1.961 ug/l

RT: 11.66 min Scan# 3210

Delta R.T. -0.00 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

Instrument :

MSVOA_U

ClientSampled :

VU0310WBS01

Tot Ion:105 Resp: 48807

Ion Ratio Lower Upper

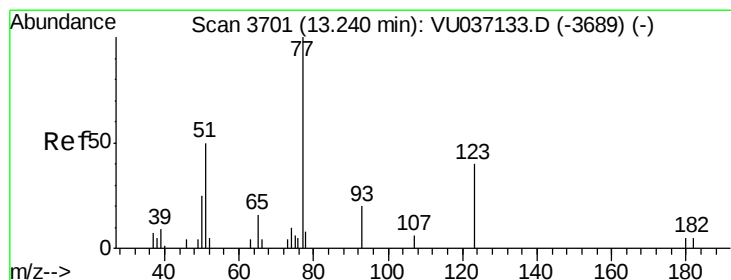
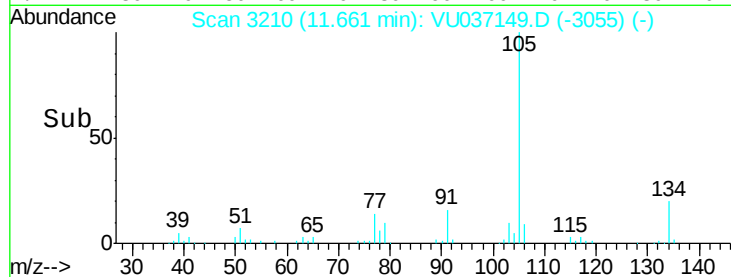
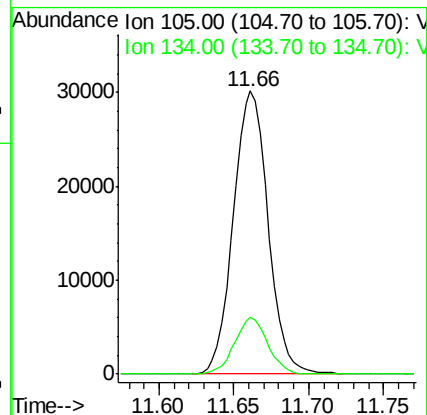
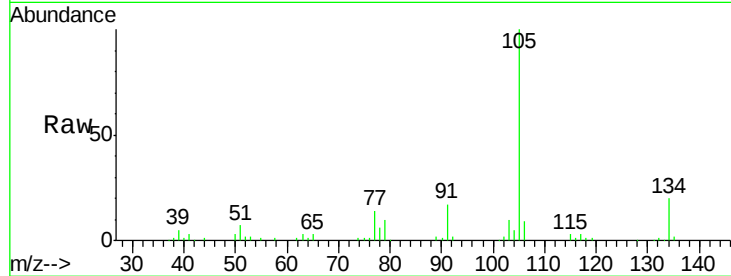
105 100

134 19.0 16.0 24.0

Manual Integrations
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#80

Nitrobenzene

Concen: 4.930 ug/l

RT: 13.25 min Scan# 3703

Delta R.T. 0.01 min

Lab File: VU037149.D

Acq: 10 Mar 2020 13:13

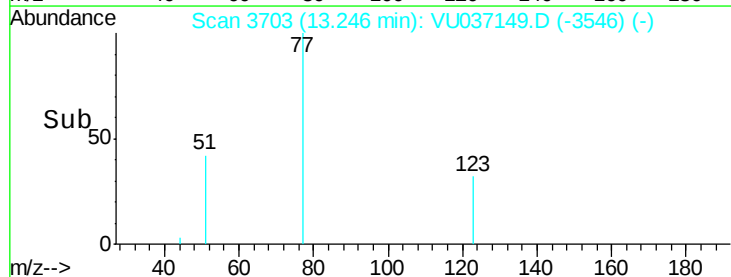
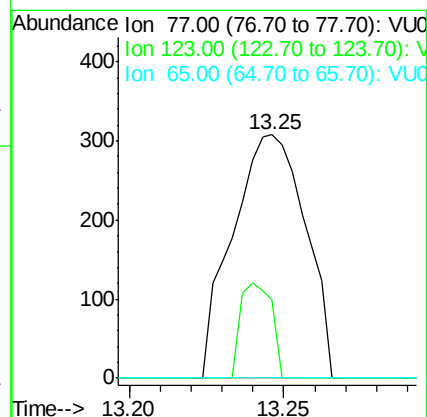
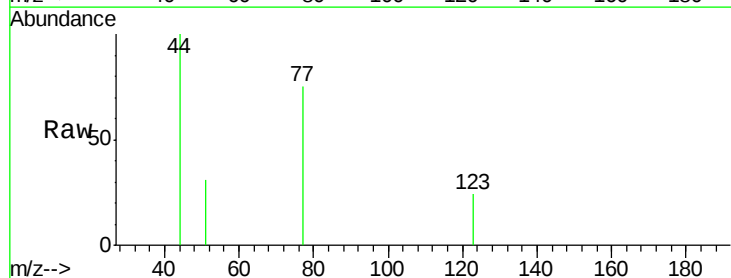
Tgt Ion: 77 Resp: 504

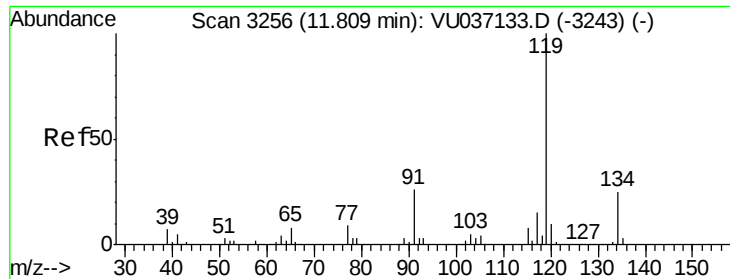
Ion Ratio Lower Upper

77 100

123 16.9 19.6 69.6#

65 0.0 12.7 16.1#





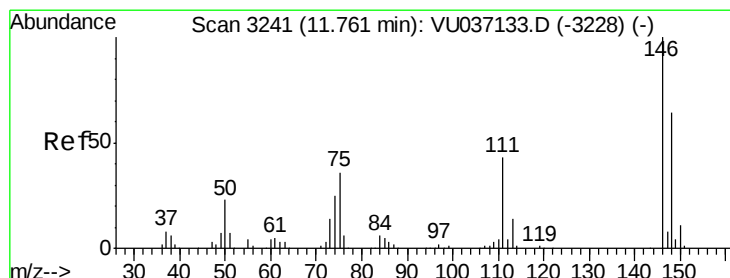
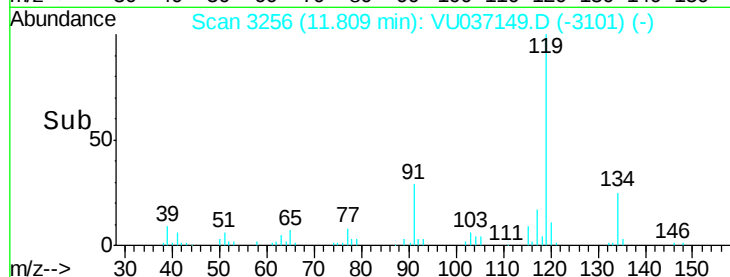
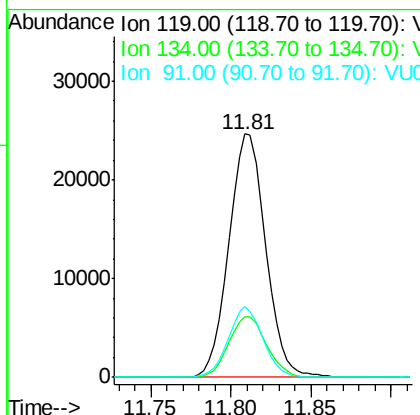
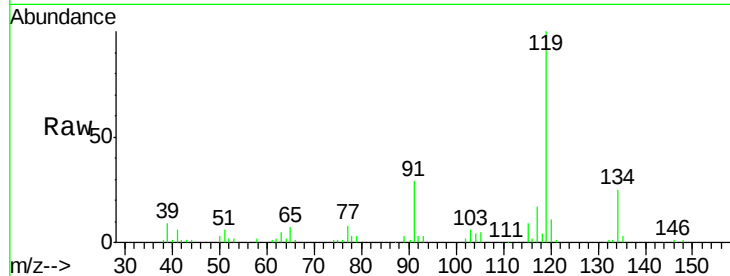
#81
 p-Isopropyltoluene
 Concen: 1.966 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	21.4	32.0
91	27.3	18.3	27.5

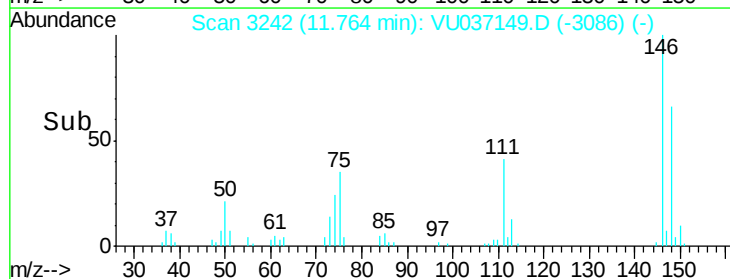
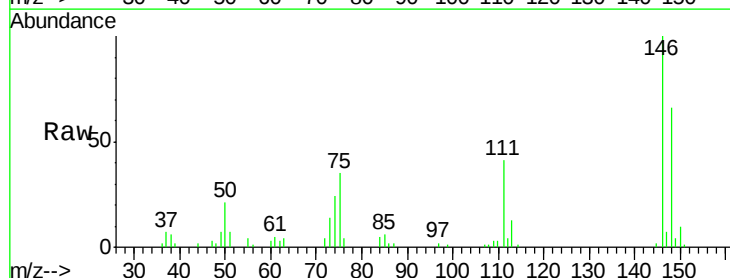
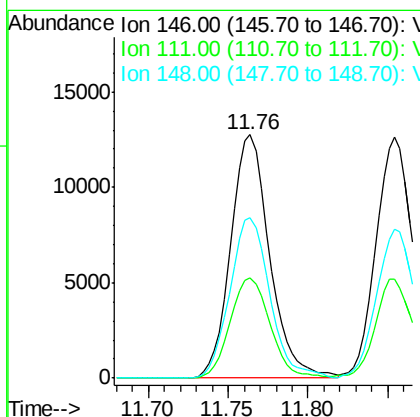
Manual Integrations
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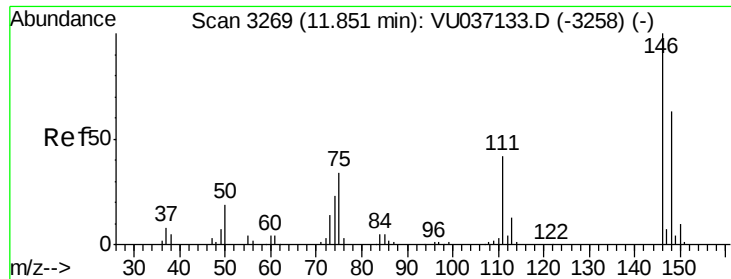
sam
 3/11/2020 3:32:41 PM



#82
 1,3-Dichlorobenzene
 Concen: 2.034 ug/l
 RT: 11.76 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	32.2	48.2
148	67.5	51.4	77.2





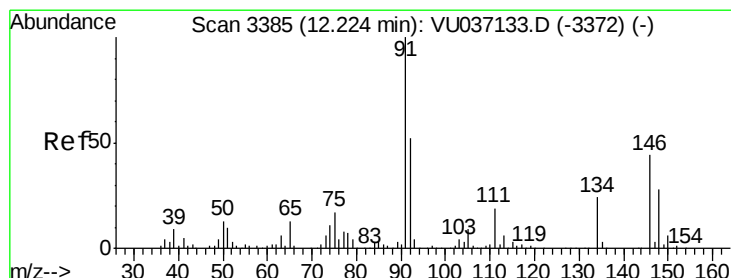
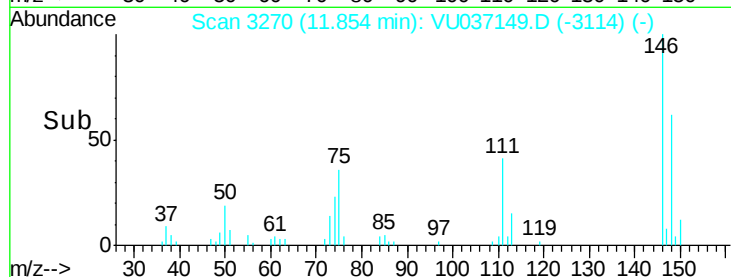
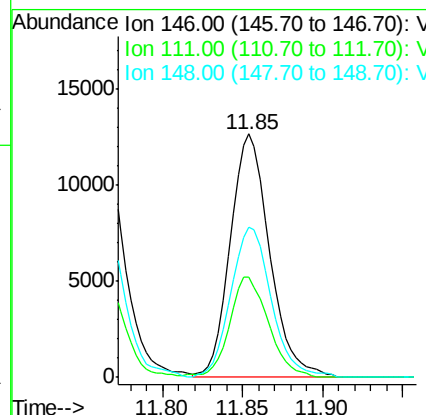
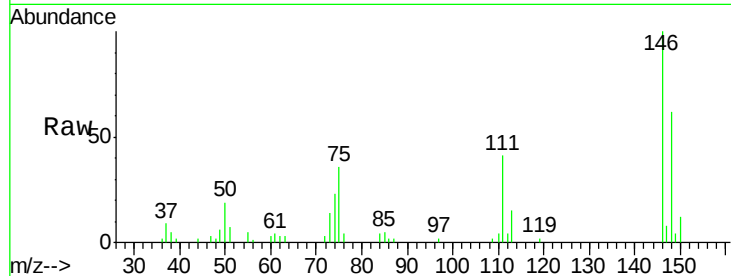
#83
 1,4-Dichlorobenzene
 Concen: 2.022 ug/l
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	30.5	45.7
148	63.3	51.0	76.4

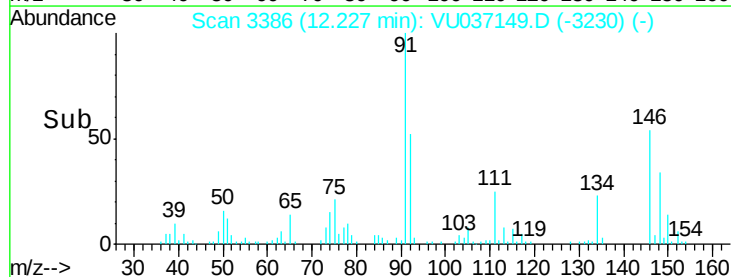
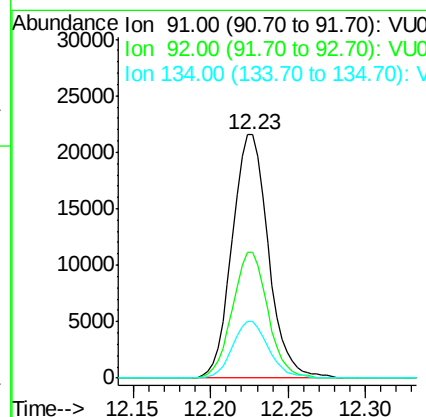
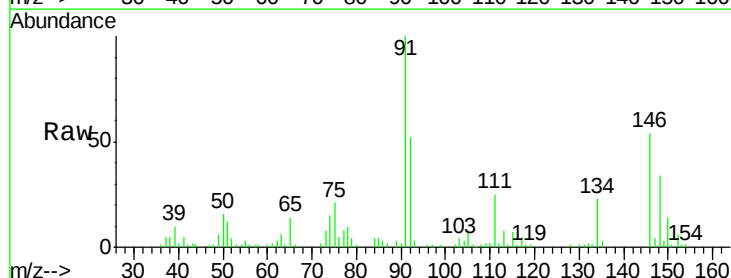
Manual Integrations
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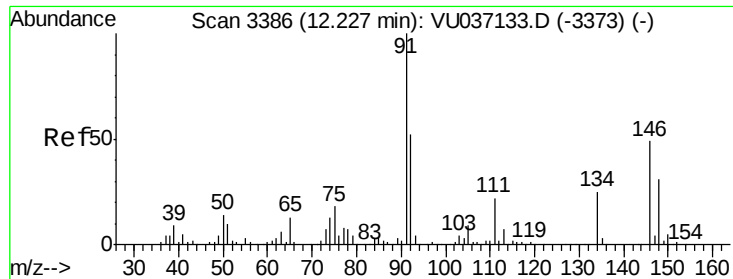
sam
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#84
 n-Butylbenzene
 Concen: 1.883 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.6	42.9	64.3
134	23.1	21.4	32.0





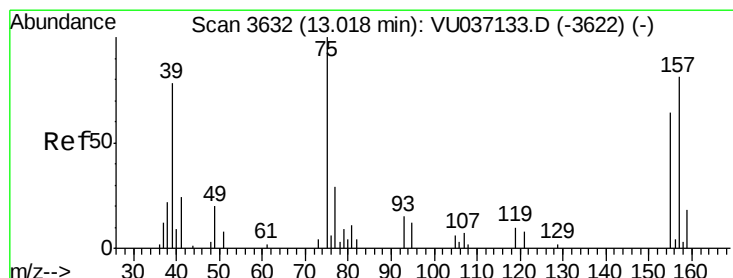
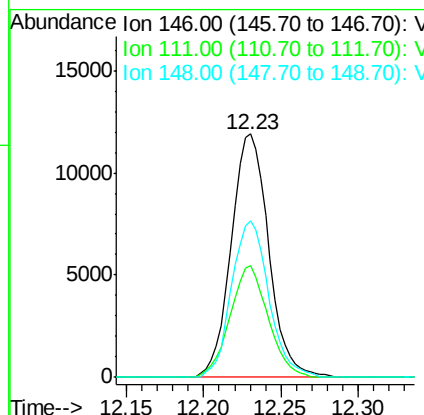
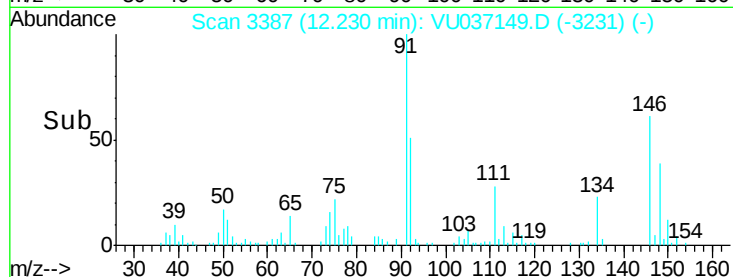
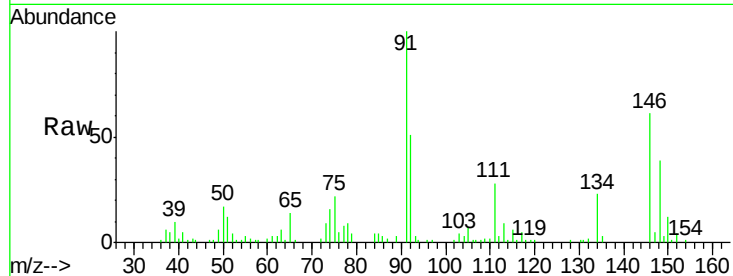
#85
 1,2-Dichlorobenzene
 Concen: 1.992 ug/l
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.8	62.4
148	63.8	32.0	96.2

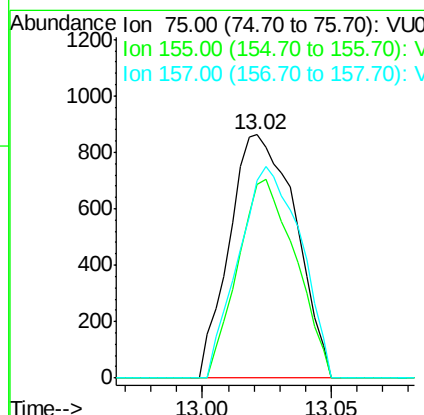
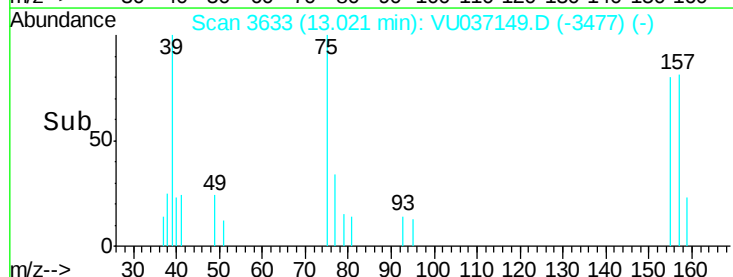
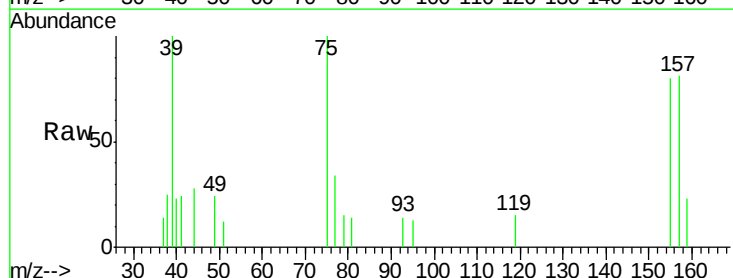
Manual Integrations
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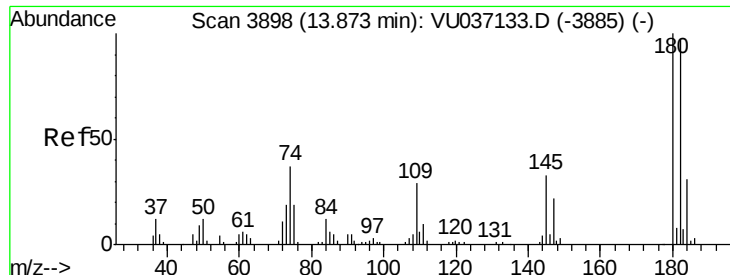
sam
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.867 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	71.8	107.8#
157	81.9	92.4	138.6#





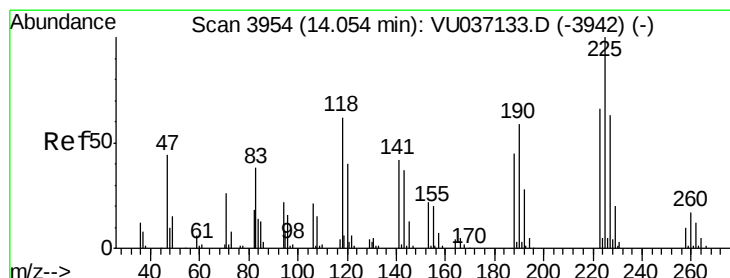
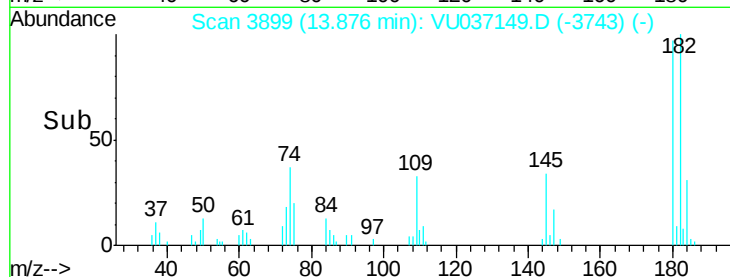
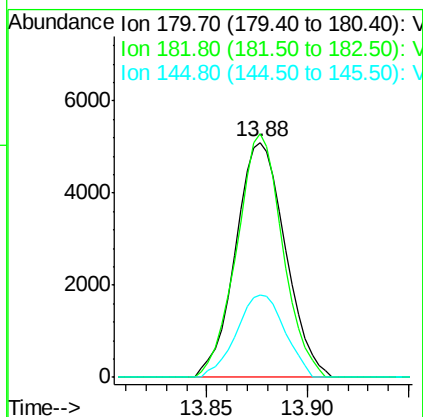
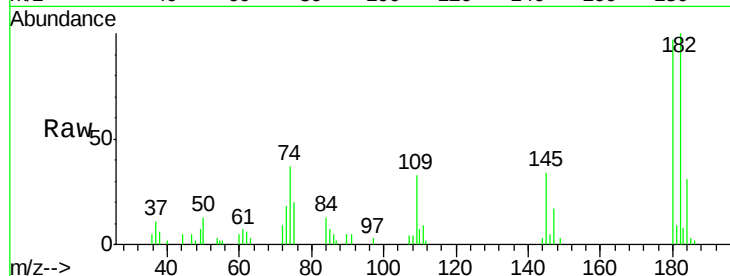
#87
 1,2,4-Trichlorobenzene
 Concen: 1.739 ug/l
 RT: 13.88 min Scan# 3899
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	34.1	23.4	35.2

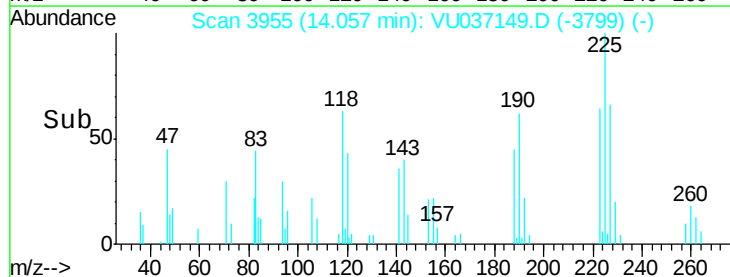
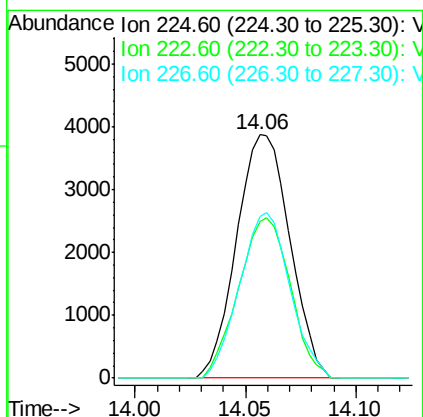
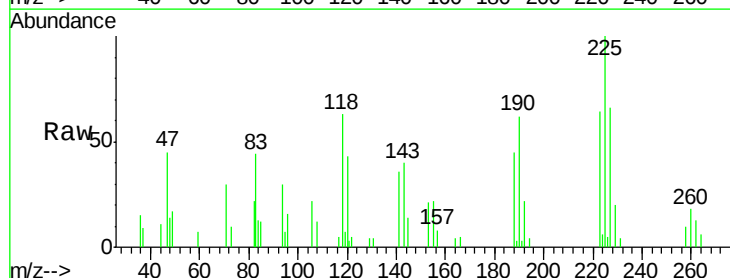
Manual Integrations
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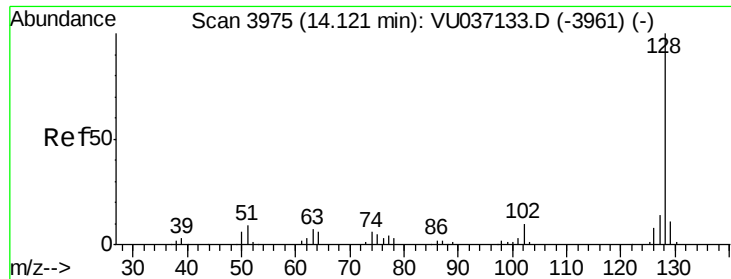
sam
 3/11/2020 3:32:41 PM



#88
 Hexachlorobutadiene
 Concen: 2.075 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU037149.D
 Acq: 10 Mar 2020 13:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.7	77.5
227	64.1	50.6	75.8





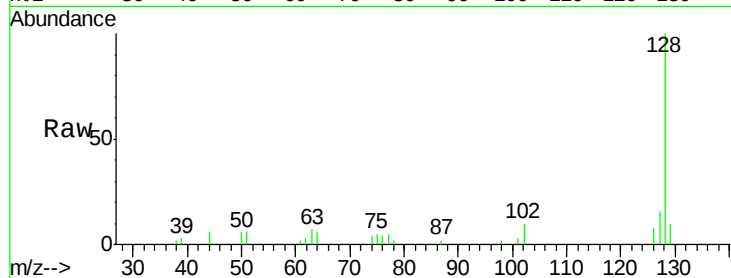
#89
Naphthalene
Concen: 1.616 ug/l
RT: 14.12 min Scan# 3976
Delta R.T. 0.00 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

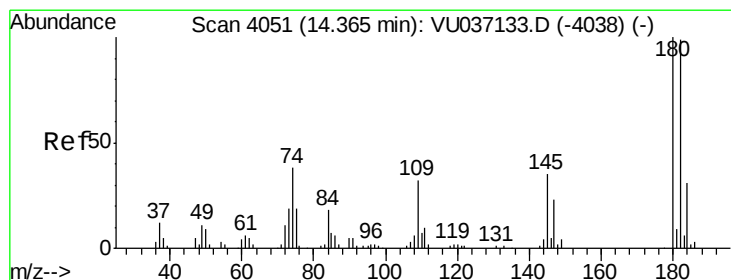
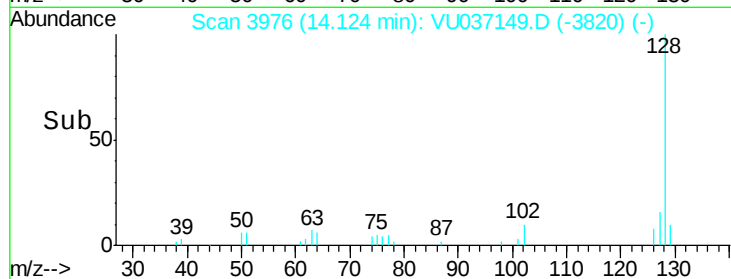
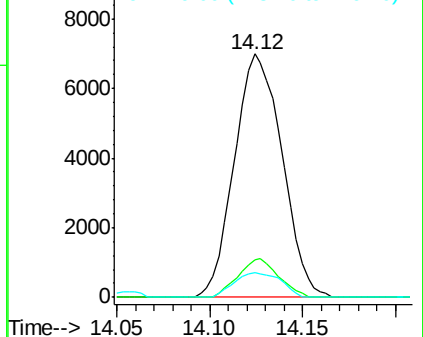
Tot Ion:128 Resp: 12484
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.0 8.7 13.1

Manual Integrations
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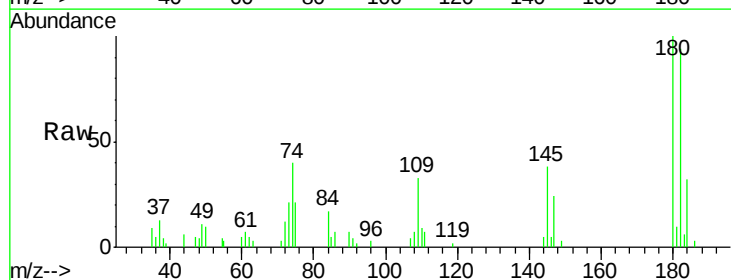


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.767 ug/l
RT: 14.37 min Scan# 4053
Delta R.T. 0.01 min
Lab File: VU037149.D
Acq: 10 Mar 2020 13:13

Tgt Ion:180 Resp: 8688
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 36.6 25.2 37.8



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

