

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071119\
 Data File : VU033199.D
 Acq On : 11 Jul 2019 18:42
 Operator : JC/SP
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 4:03:23 PM

Quant Time: Jul 12 04:52:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U071119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 12 04:10:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.72	96	33595	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	13348	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	14704	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
Target Compounds					Ovalue	
2) Dichlorodifluoromethane	1.20	85	130293	9.328	ug/l	100
3) Chloromethane	1.32	50	149398	9.388	ug/l	100
4) Vinyl Chloride	1.40	62	153665	9.097	ug/l	100
5) Bromomethane	1.62	94	91858	9.764	ug/l	100
6) Chloroethane	1.69	64	95339	8.993	ug/l	100
7) Trichlorofluoromethane	1.87	101	214373	9.367	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	108942	9.420	ug/l	100
9) 1,1-Dichloroethene	2.27	96	107757	9.191	ug/l	100
10) Iodomethane	2.40	142	144758	9.243	ug/l	100
11) Allyl Chloride	2.58	41	180354	8.929	ug/l	100
12) Acrylonitrile	2.92	53	59962	18.359	ug/l	100
13) Acetone	2.31	43	126261	43.688	ug/l	100
14) Carbon Disulfide	2.46	76	396214	9.132	ug/l	100
15) Methylene Chloride	2.68	84	133256	8.821	ug/l	100
16) trans-1,2-Dichloroethene	2.96	96	122380	9.073	ug/l	100
17) 1,1-Dichloroethane	3.42	63	184949	9.322	ug/l	100
18) 2-Butanone	4.25	43	140054	54.076	ug/l	100
19) Cyclohexane	4.96	56	154328m	10.312	ug/l	
20) Methylcyclohexane	6.39	83	165074	11.119	ug/l	100
21) 2,2-Dichloropropane	4.20	77	154458	8.927	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	108368	9.852	ug/l	100
23) Diethyl Ether	2.09	59	94098	9.508	ug/l	100
24) tert-Butyl Alcohol	2.82	59	115212	91.427	ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	320758	9.603	ug/l	100
26) Bromochloromethane	4.52	128	46905	9.572	ug/l	100
27) Chloroform	4.65	83	193878	8.756	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	163746	9.439	ug/l	100
29) 1,1-Dichloropropene	5.11	75	142170	9.903	ug/l	100
30) Carbon Tetrachloride	5.11	117	145030	9.349	ug/l	100
31) Isopropyl Ether	3.55	45	258661	9.869	ug/l	100
32) Ethyl-t-butyl ether	4.05	59	255281	10.217	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	244254	10.842	ug/l	100
34) Propionitrile	4.31	54	42111	56.165	ug/l	100
35) Benzene	5.36	78	413462	9.901	ug/l	100
36) 1,2-Dichloroethane	5.38	62	130620	9.688	ug/l	100
37) Trichloroethene	6.16	130	106783	9.910	ug/l	100
38) 1,2-Dichloropropane	6.41	63	111927	9.732	ug/l	100
39) Methacrylonitrile	4.52	41	33756	10.852	ug/l	100
40) Methyl acrylate	4.40	55	56395	12.019	ug/l	100
41) Tetrahydrofuran	4.62	42	34727	21.888	ug/l	100
42) 1-Chlorobutane	5.04	56	192391	9.861	ug/l	100

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Quant Time: Jul 12 04:52:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U071119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 12 04:10:37 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	59715	9.900	ug/l	100
44) Bromodichloromethane	6.74	83	144191	9.601	ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	358132	55.959	ug/l	100
46) t-1,4-Dichloro-2-butene	10.50	75	63990m	22.146	ug/l	100
47) Methyl methacrylate	6.61	69	106186	22.683	ug/l	100
48) Ethyl methacrylate	8.00	69	100163	11.556	ug/l	100
49) Toluene	7.62	92	258174	10.496	ug/l	100
50) t-1,3-Dichloropropene	7.86	75	137501	10.613	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	155003	10.176	ug/l	100
52) 1,1,2-Trichloroethane	8.05	97	82110	9.873	ug/l	100
53) 1,3-Dichloropropane	8.22	76	142003	10.163	ug/l	100
54) 2-Hexanone	8.35	43	254198	58.321	ug/l	100
55) Dibromochloromethane	8.46	129	97081	9.993	ug/l	100
56) 1,2-Dibromoethane	8.57	107	78915	10.377	ug/l	100
58) Tetrachloroethene	8.21	164	97816	9.907	ug/l	100
59) Chlorobenzene	9.10	112	287008	10.480	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	100954	9.629	ug/l	100
61) Pentachloroethane	11.09	117	81041	9.515	ug/l	100
62) Hexachloroethane	12.13	117	81164	9.924	ug/l	100
63) Ethyl Benzene	9.23	91	497802	11.035	ug/l	100
64) m/p-Xylenes	9.36	106	392919	22.353	ug/l	100
65) o-Xylene	9.76	106	186873	11.071	ug/l	100
66) Styrene	9.77	104	328095	11.543	ug/l	100
67) Bromoform	9.94	173	56122	10.552	ug/l	100
69) Isopropylbenzene	10.15	105	492761	11.179	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	112286	10.205	ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	81576m	10.300	ug/l	100
72) Bromobenzene	10.44	156	119316	10.606	ug/l	100
73) n-propylbenzene	10.57	120	142885	11.657	ug/l	100
74) 2-Chlorotoluene	10.64	126	123013	10.976	ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	443962	11.370	ug/l	100
76) 4-Chlorotoluene	10.76	126	130959	11.149	ug/l	100
77) tert-Butylbenzene	11.08	119	411680	11.058	ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	456089	11.531	ug/l	100
79) sec-Butylbenzene	11.31	105	563599	11.075	ug/l	100
80) Nitrobenzene	12.85	77	20267	74.449	ug/l	100
81) p-Isopropyltoluene	11.46	119	474059	11.574	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	250022	10.578	ug/l	100
83) 1,4-Dichlorobenzene	11.49	146	254451	10.922	ug/l	100
84) n-Butylbenzene	11.87	91	464857	11.617	ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	234466	10.712	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	19178	11.289	ug/l	100
87) 1,2,4-Trichlorobenzene	13.49	180	155051	12.867	ug/l	100
88) Hexachlorobutadiene	13.68	225	82790	10.591	ug/l	100
89) Naphthalene	13.73	128	300754	14.862	ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	147780	12.611	ug/l	100

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

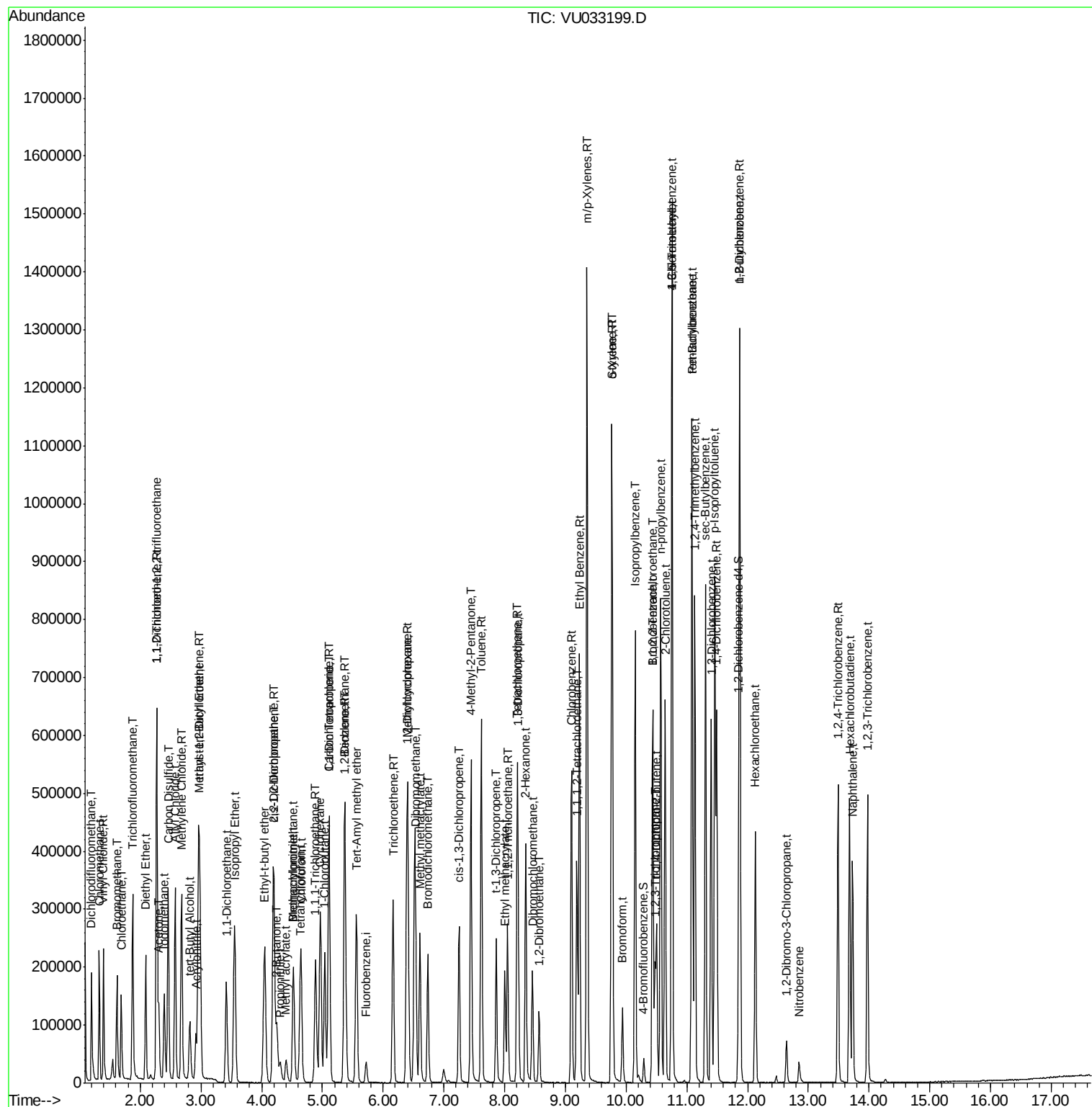
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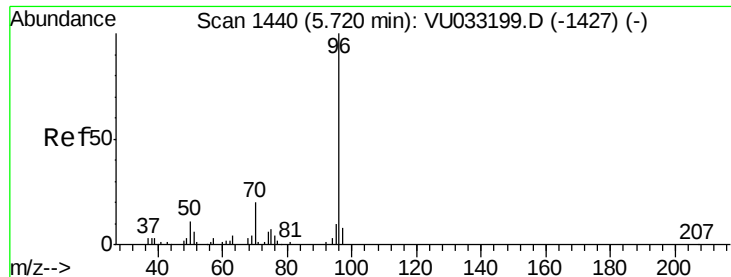
Instrument :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

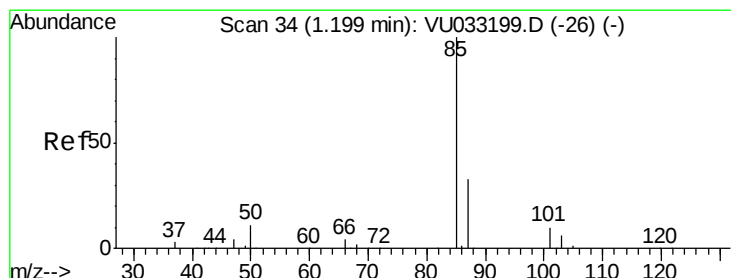
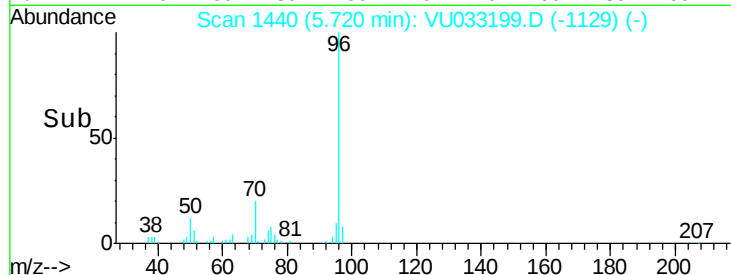
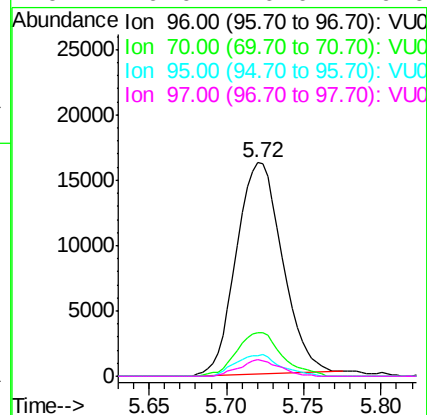
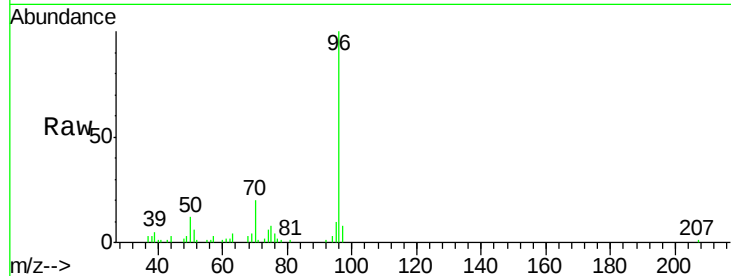
ClientSampleId :

VSTDICCC010

Tot Ion:	96	Resp:	33595
Ion Ratio	Lower	Upper	
96	100		
70	20.3	16.2	24.4
95	9.8	7.8	11.8
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 9.328 ug/l

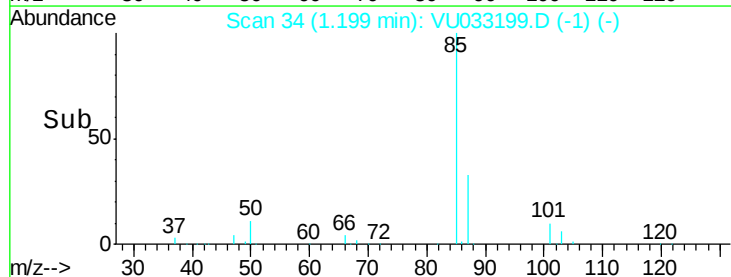
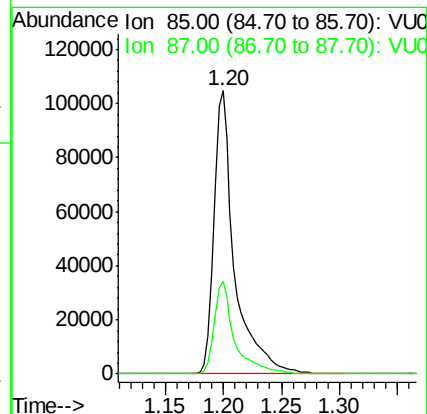
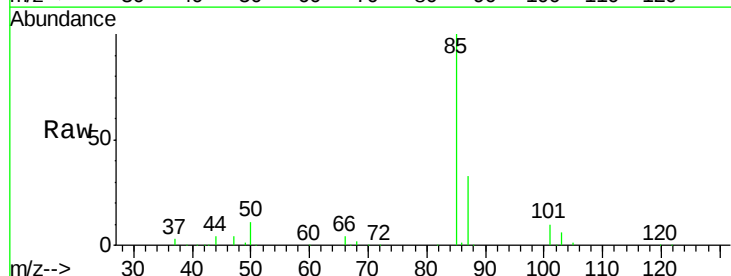
RT: 1.20 min Scan# 34

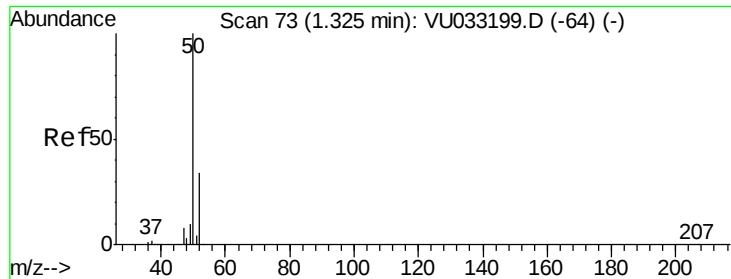
Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tgt Ion:	85	Resp:	130293
Ion Ratio	Lower	Upper	
85	100		
87	32.7	16.4	49.1





#3

Chloromethane

Concen: 9.388 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

Tot Ion: 50 Resp: 149398

Ion Ratio Lower Upper

50 100

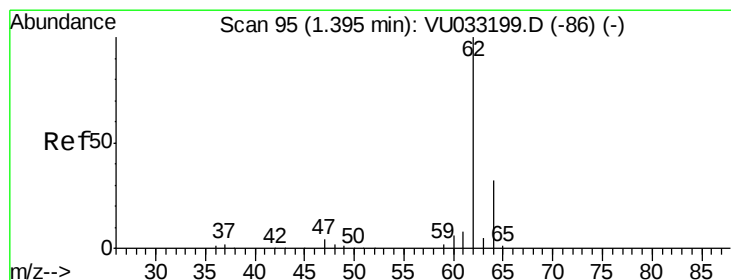
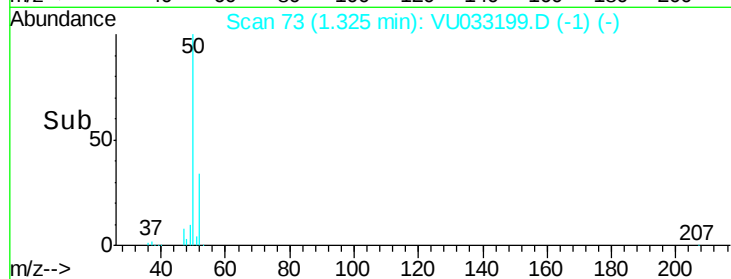
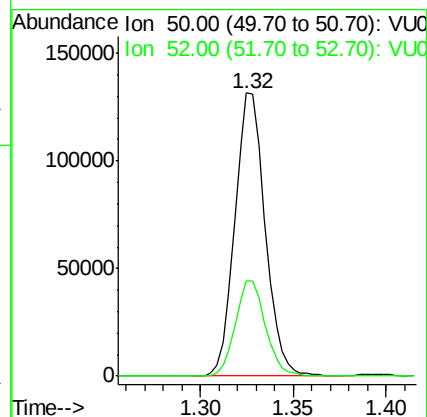
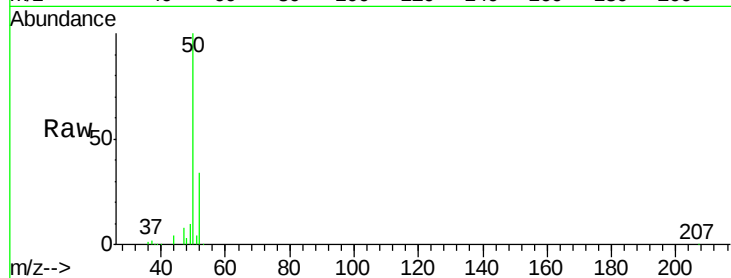
52 33.7 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.097 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033199.D

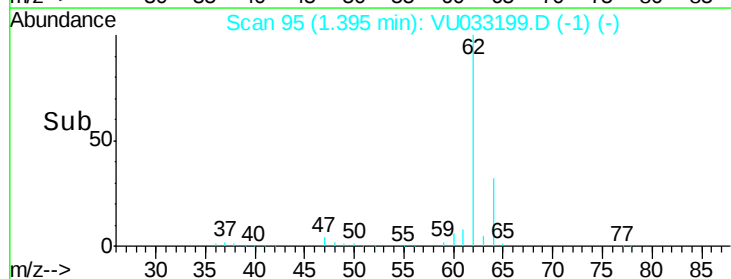
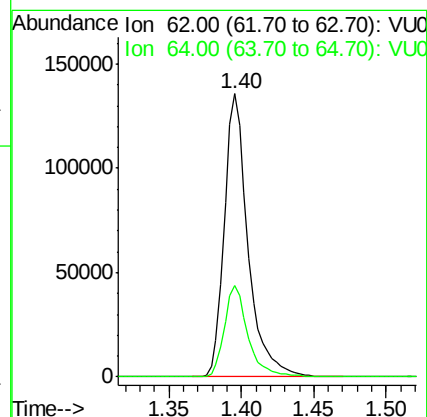
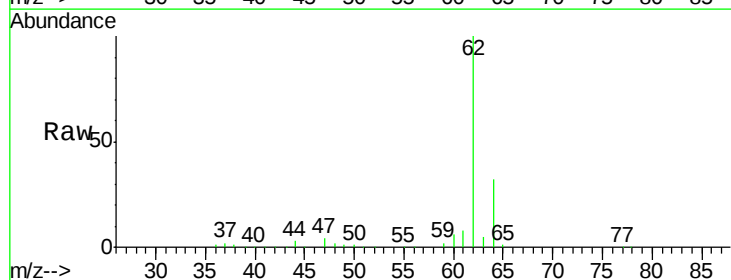
Acq: 11 Jul 2019 18:42

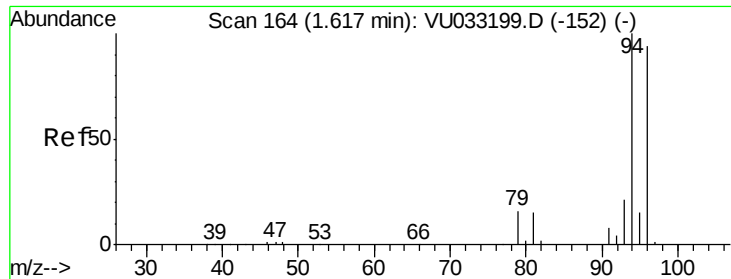
Tgt Ion: 62 Resp: 153665

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 9.764 ug/l

RT: 1.62 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tot Ion: 94 Resp: 91858

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2

Instrument :

MSVOA_U

ClientSampleId :

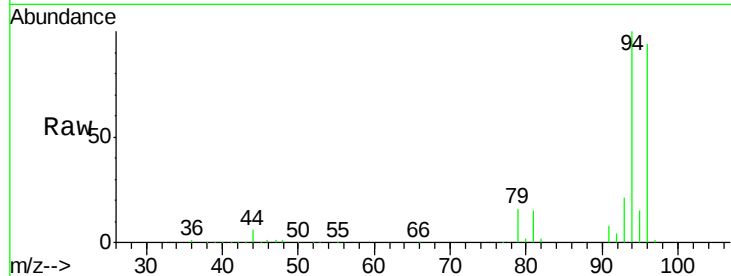
VSTDICCC010

Manual Integrations

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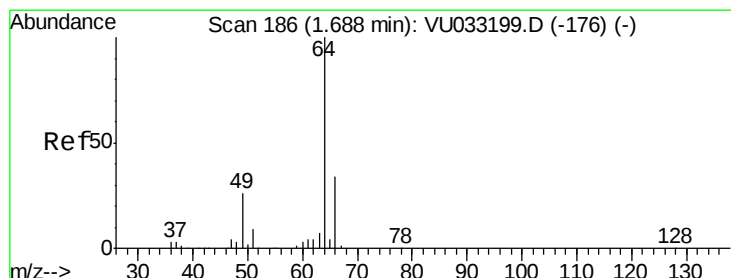
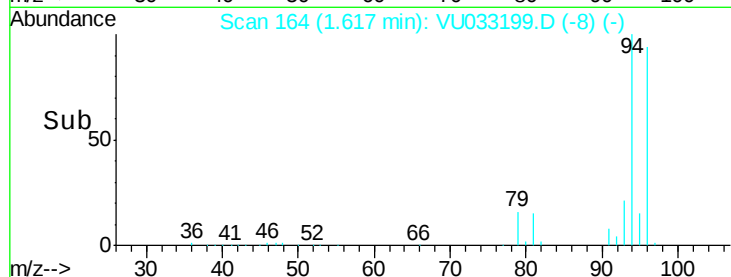
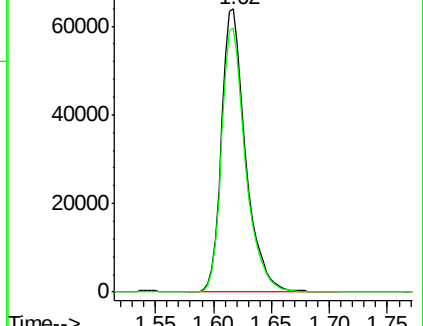
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Abundance Ion 94.00 (93.70 to 94.70): VU033199.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU033199.D (-152) (-)



#6

Chloroethane

Concen: 8.993 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU033199.D

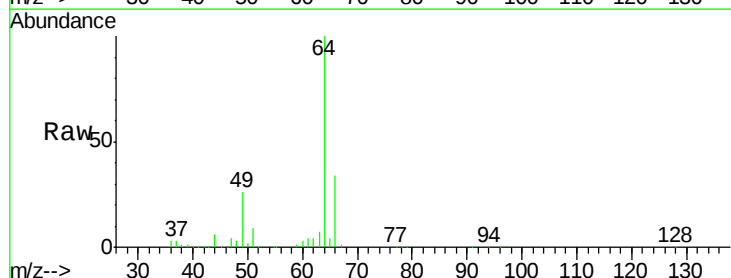
Acq: 11 Jul 2019 18:42

Tgt Ion: 64 Resp: 95339

Ion Ratio Lower Upper

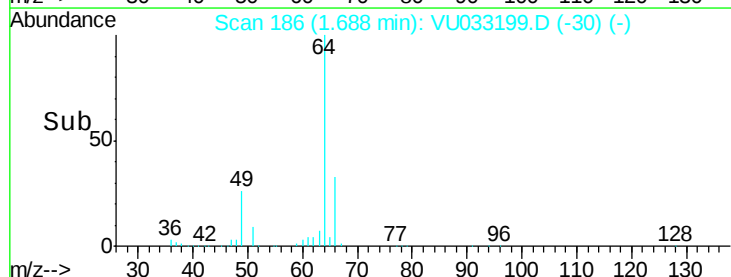
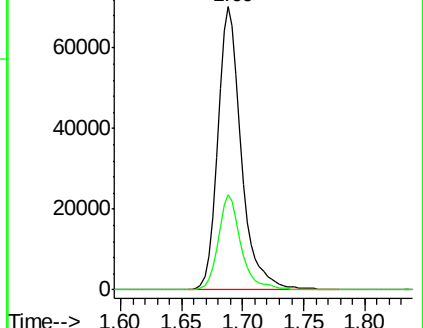
64 100

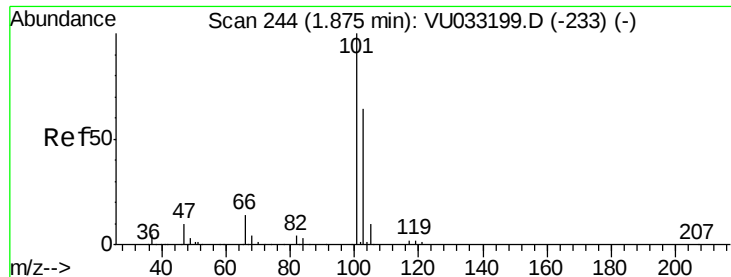
66 33.7 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VU033199.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU033199.D (-176) (-)





#7

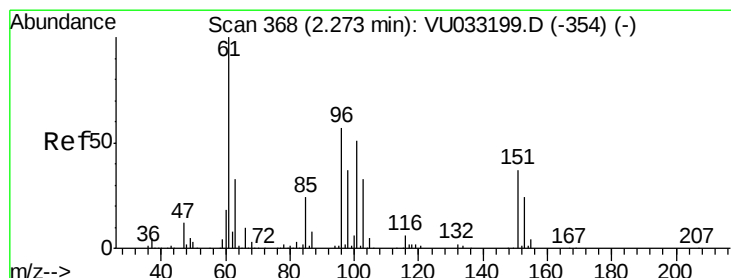
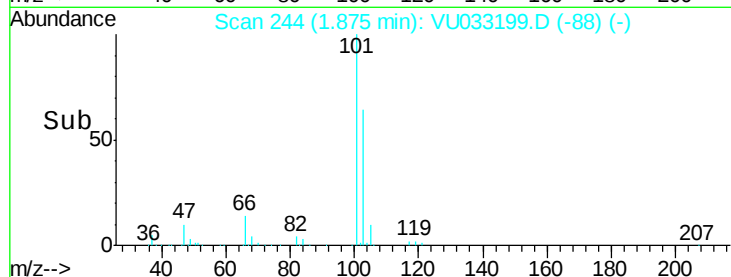
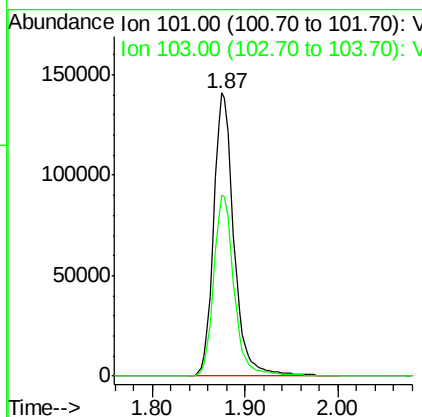
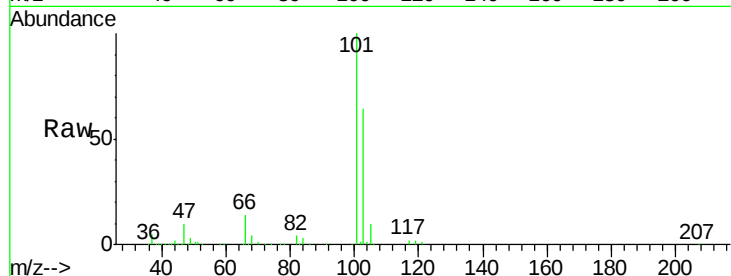
Trichlorofluoromethane
Concen: 9.367 ug/l
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	214373		
103	63.8	51.0	76.6	

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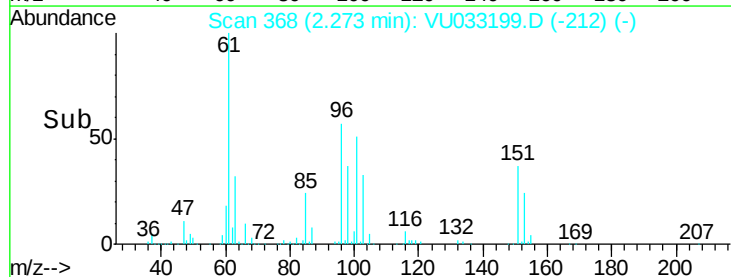
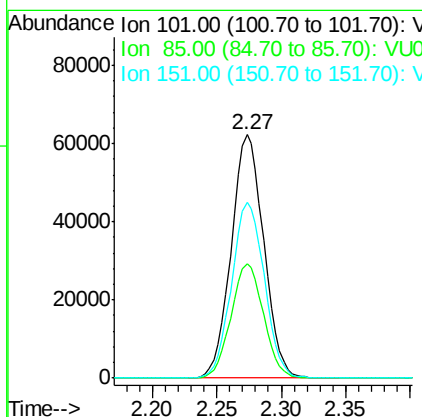
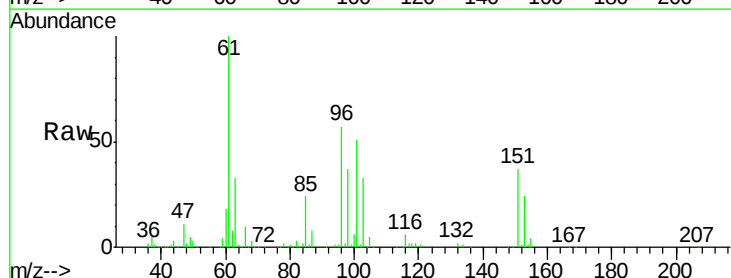
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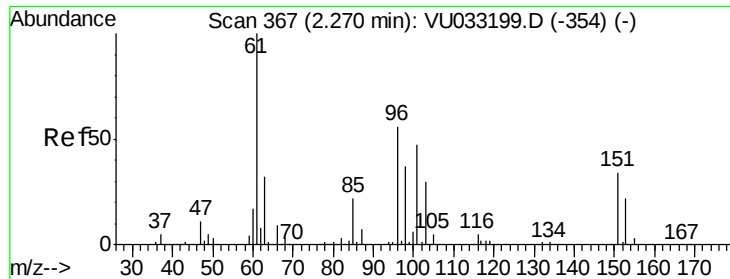


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.420 ug/l
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	108942		
85	47.1	37.7	56.5	
151	72.7	58.2	87.2	





#9

1,1-Dichloroethene

Concen: 9.191 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

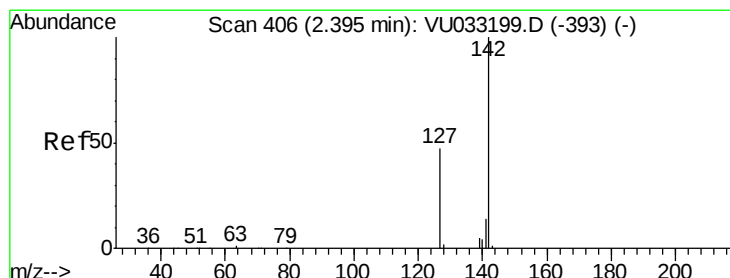
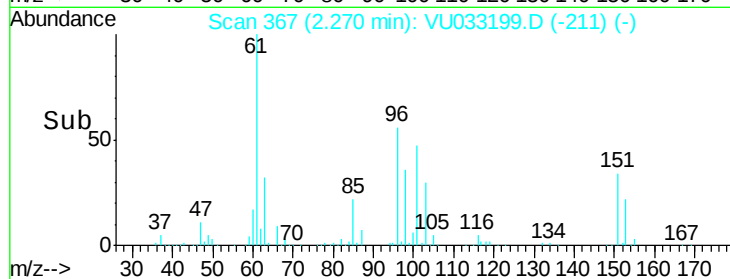
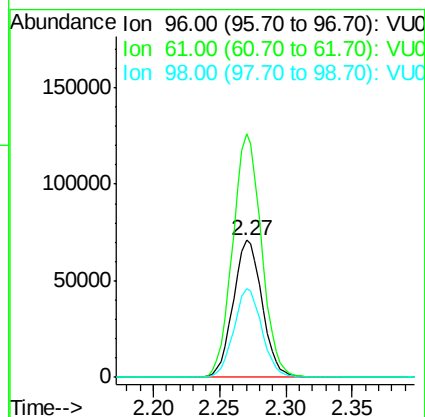
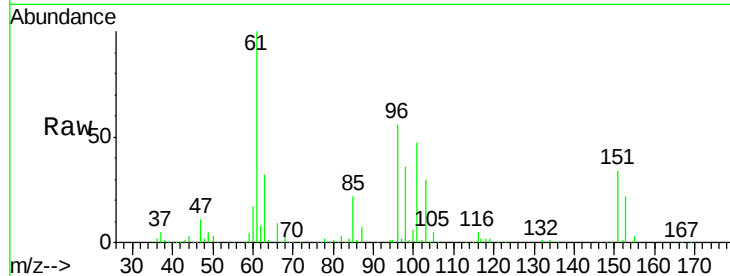
ClientSampleId :

VSTDICCC010

Tot Ion:	96	Resp:	107757
Ion Ratio	Lower	Upper	
96	100		
61	177.9	0.0	533.7
98	64.9	0.0	129.8

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#10

Iodomethane

Concen: 9.243 ug/l

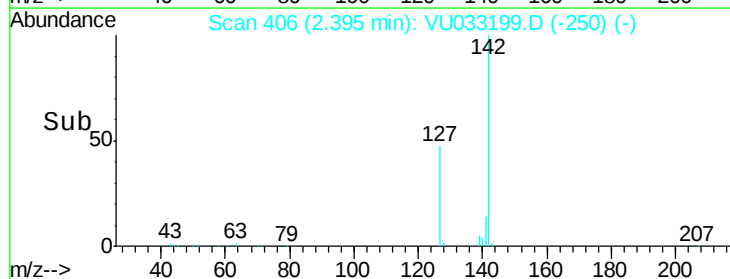
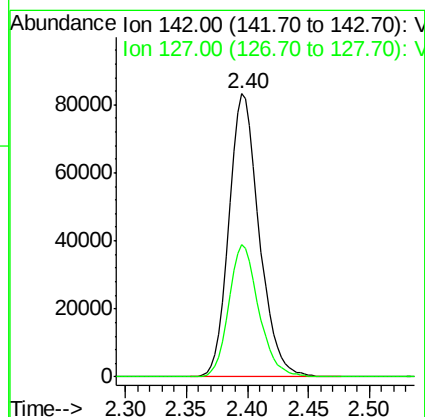
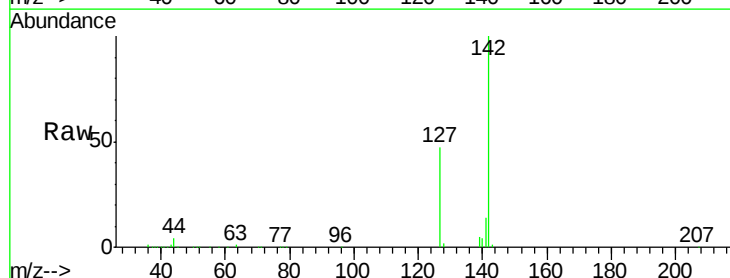
RT: 2.40 min Scan# 406

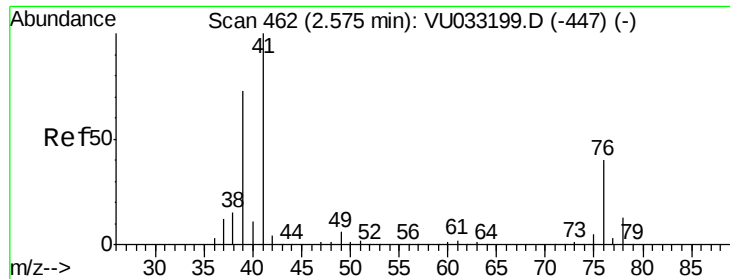
Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tgt Ion:	142	Resp:	144758
Ion Ratio	Lower	Upper	
142	100		
127	46.2	37.0	55.4





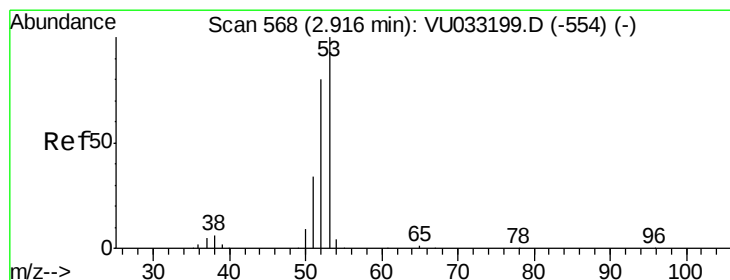
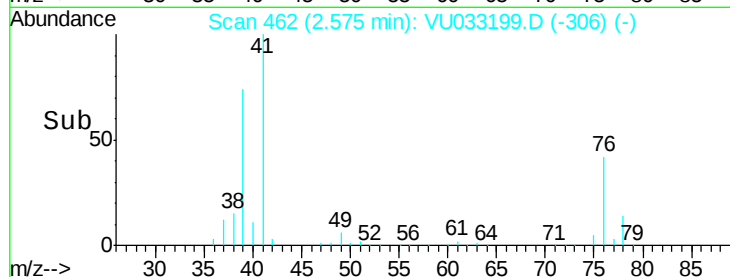
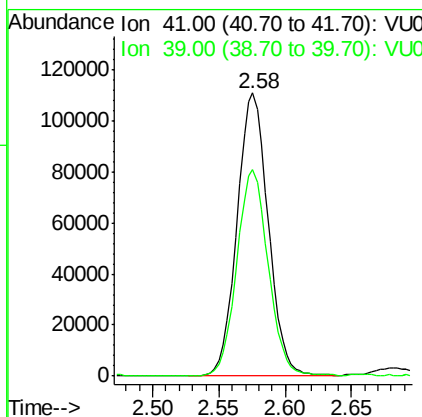
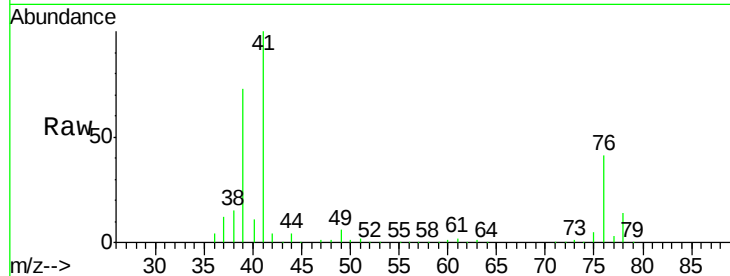
#11
Allvl Chloride
Concen: 8.929 ug/l
RT: 2.58 min Scan# 462
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 41 Resp: 180354
Ion Ratio Lower Upper
41 100
39 73.4 58.7 88.1

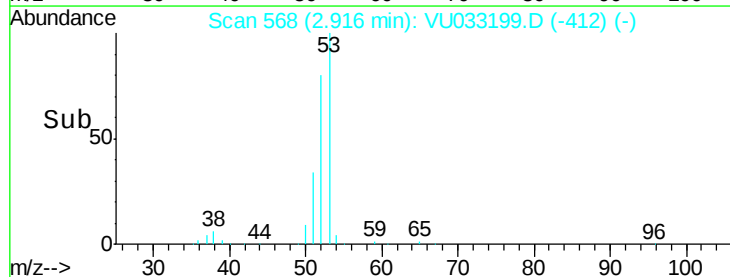
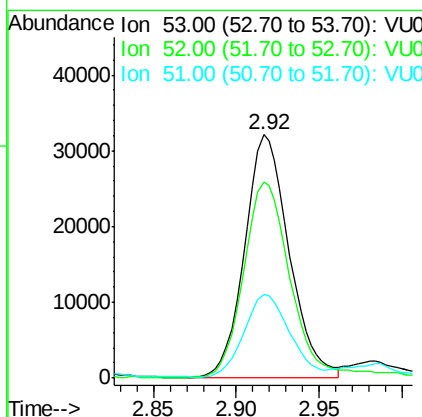
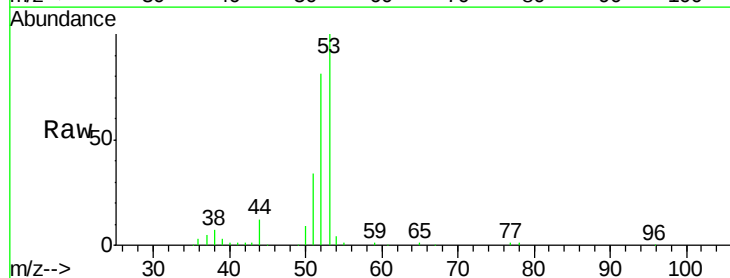
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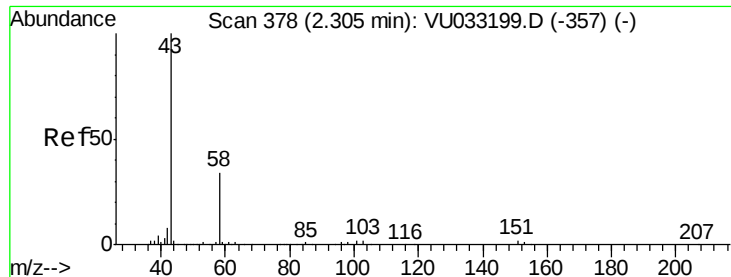
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#12
Acrylonitrile
Concen: 18.359 ug/l
RT: 2.92 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion: 53 Resp: 59962
Ion Ratio Lower Upper
53 100
52 85.4 68.3 102.5
51 35.9 28.7 43.1





#13

Acetone

Concen: 43.688 ug/l

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033199.D

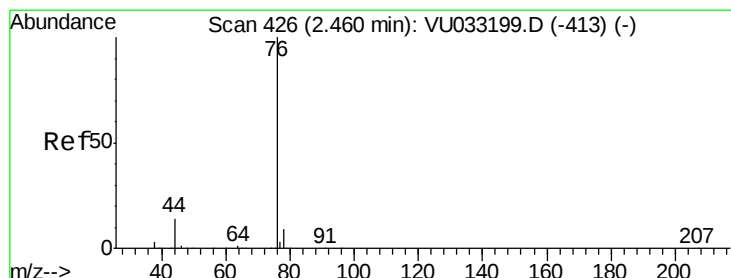
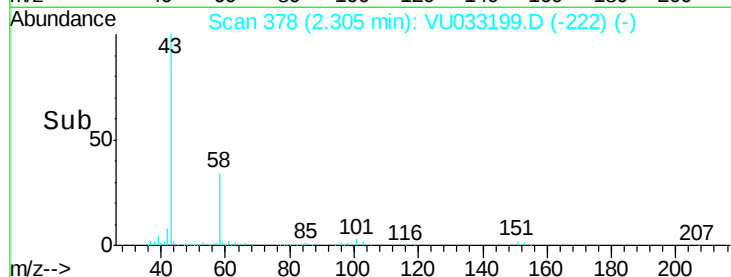
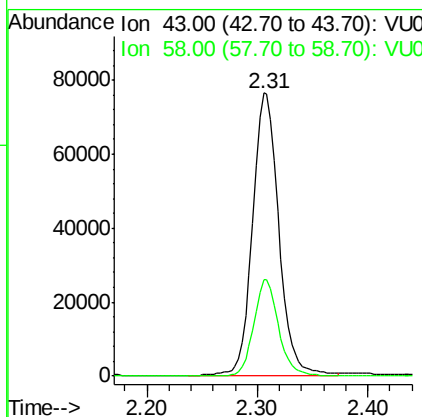
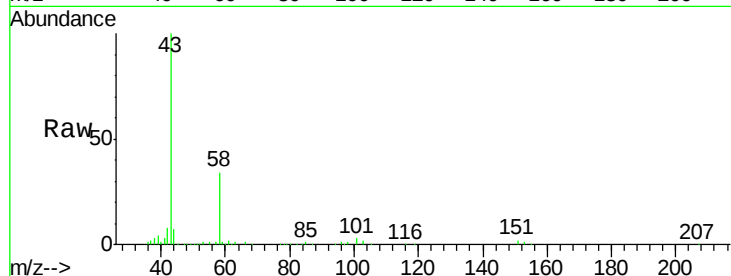
Acq: 11 Jul 2019 18:42

Tot Ion	43	Resp	126261
Ion Ratio	100	Lower	Upper
43	100		
58	33.9	27.1	40.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
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#14

Carbon Disulfide

Concen: 9.132 ug/l

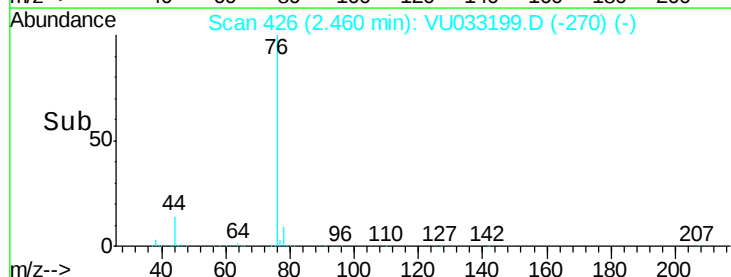
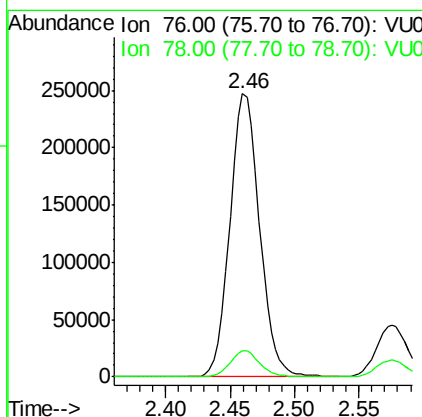
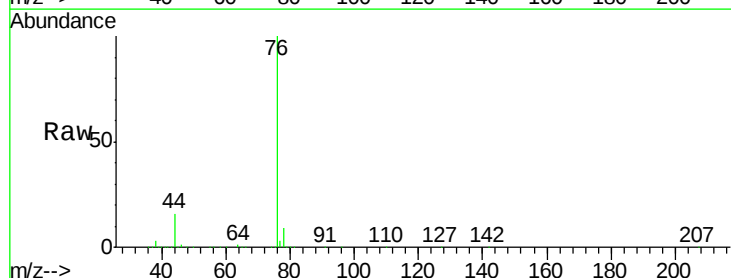
RT: 2.46 min Scan# 426

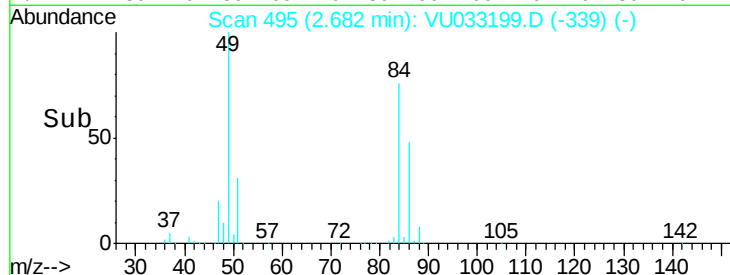
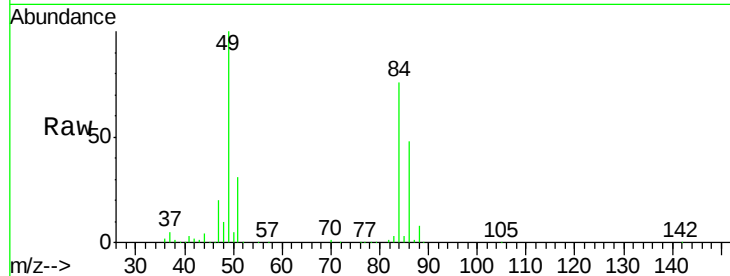
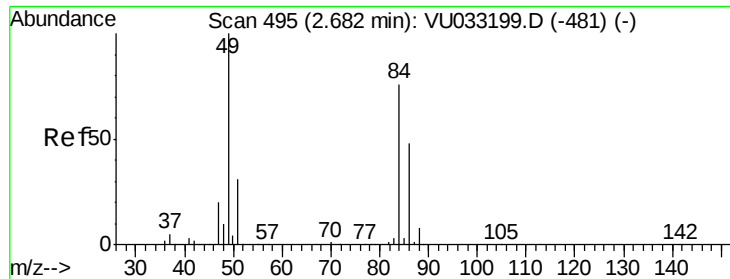
Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tgt Ion	76	Resp	396214
Ion Ratio	100	Lower	Upper
76	100		
78	9.2	7.4	11.0





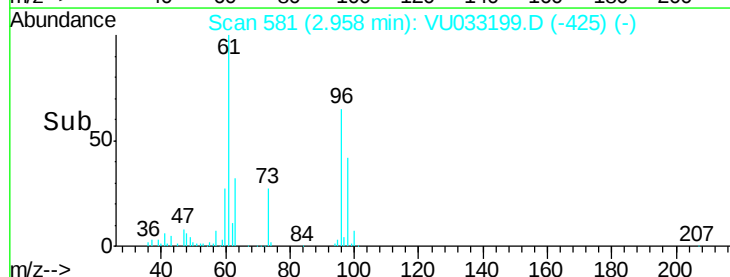
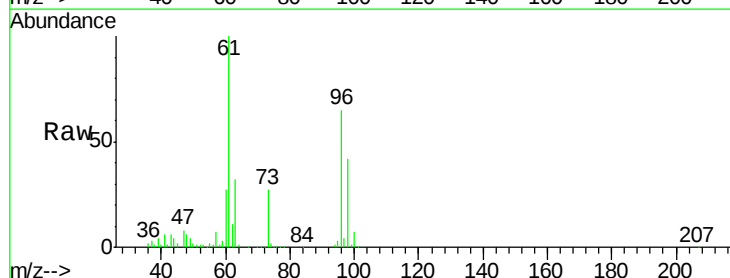
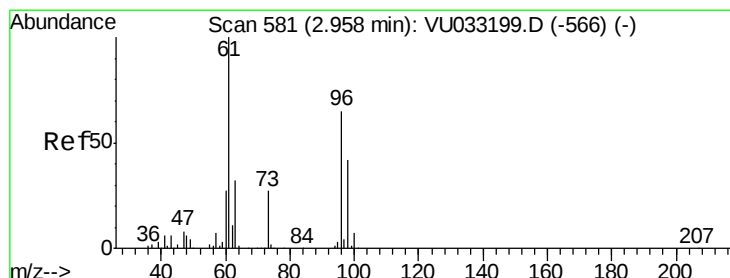
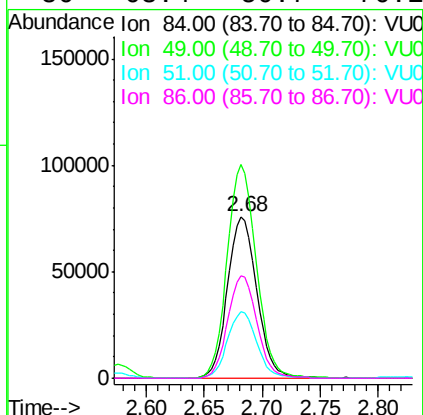
#15
Methvlene Chloride
Concen: 8.821 ug/l
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tot Ion	Ratio	Lower	Upper
84	100		
49	132.3	105.8	158.8
51	41.0	0.0	82.0
86	63.4	50.7	76.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

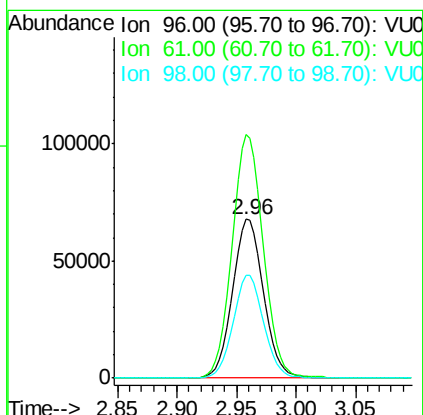
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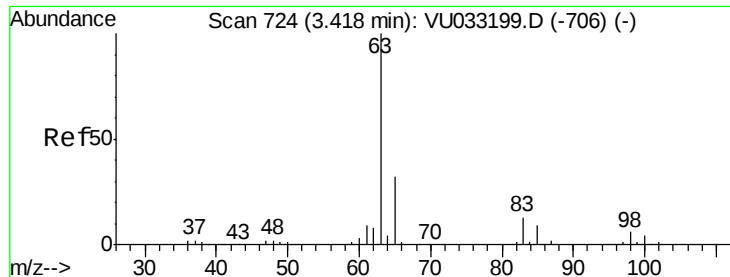
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#16
trans-1,2-Dichloroethene
Concen: 9.073 ug/l
RT: 2.96 min Scan# 581
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.3	122.6	184.0
98	65.0	52.0	78.0





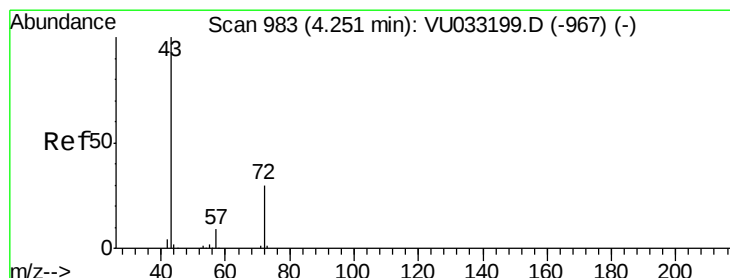
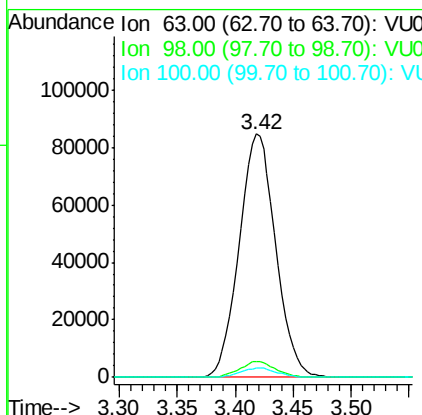
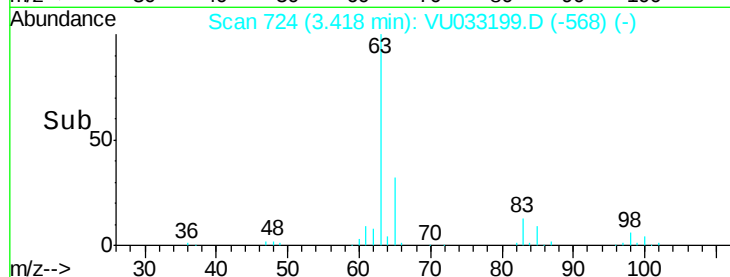
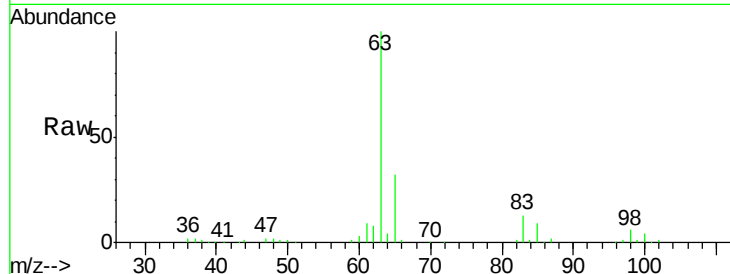
#17
 1,1-Dichloroethane
 Concen: 9.322 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:	63	Resp:	184949
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.3	9.8
100	3.6	1.8	5.4

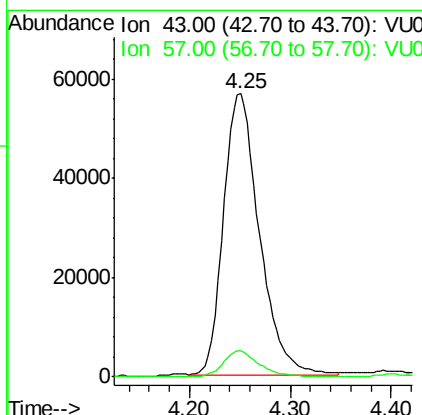
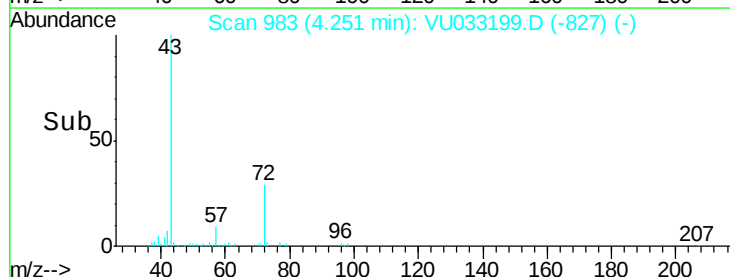
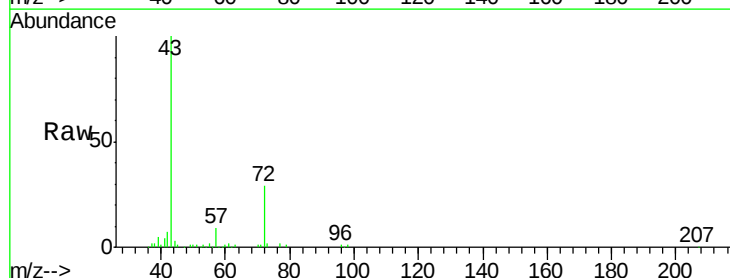
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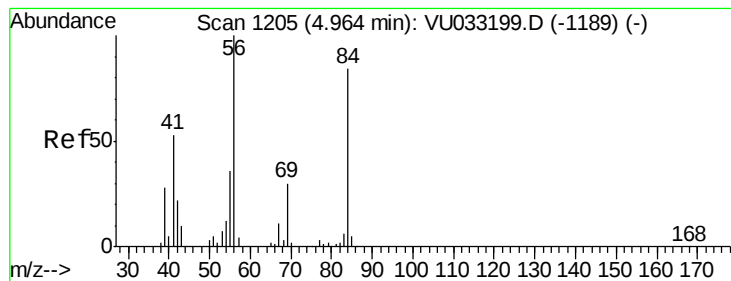
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#18
 2-Butanone
 Concen: 54.076 ug/l
 RT: 4.25 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion:	43	Resp:	140054
Ion Ratio	Lower	Upper	
43	100		
57	9.2	0.0	18.4





#19

Cyclohexane

Concen: 10.312 ug/l m

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 56 Resp: 154328

Ion Ratio Lower Upper

56 100

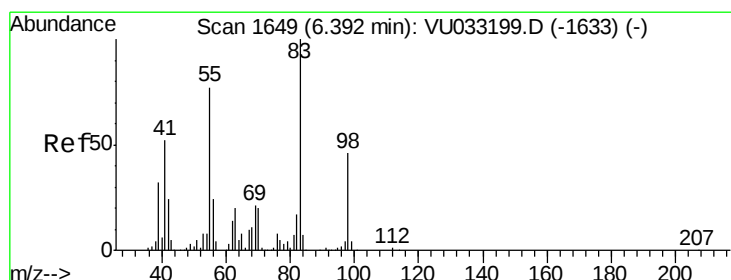
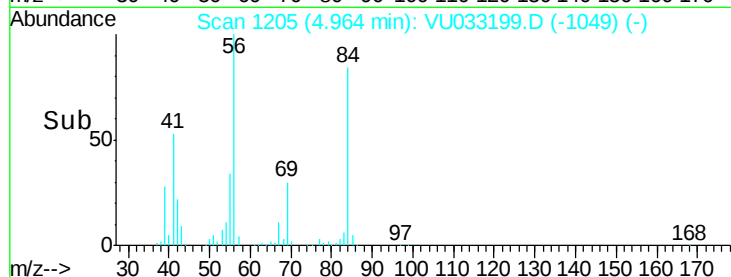
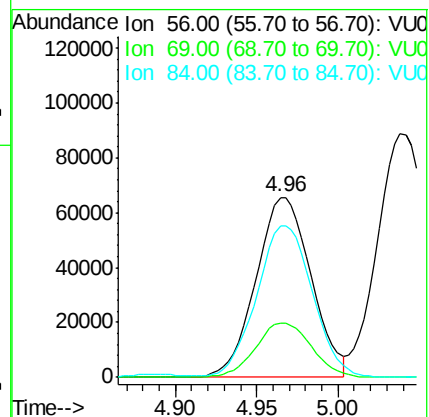
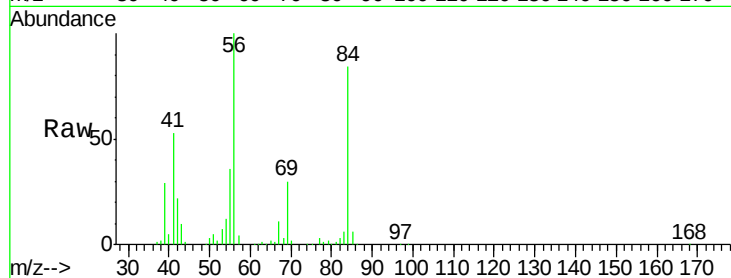
69 30.8 24.6 37.0

84 84.4 67.5 101.3

Manual Integrations
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#20

Methylcyclohexane

Concen: 11.119 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

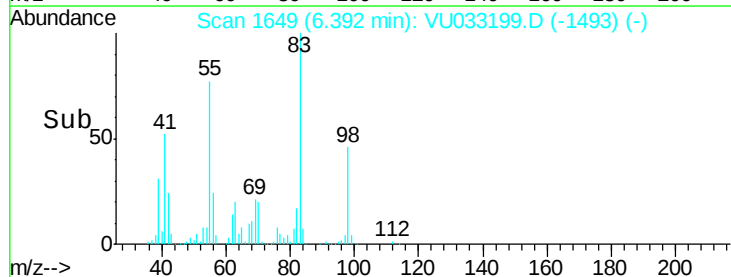
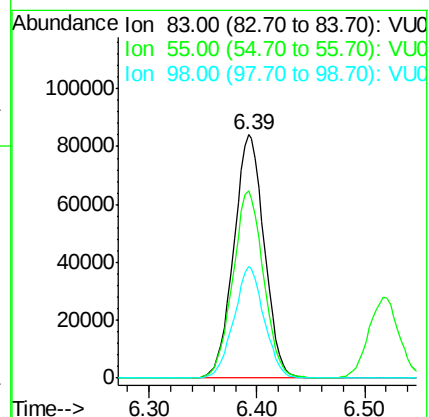
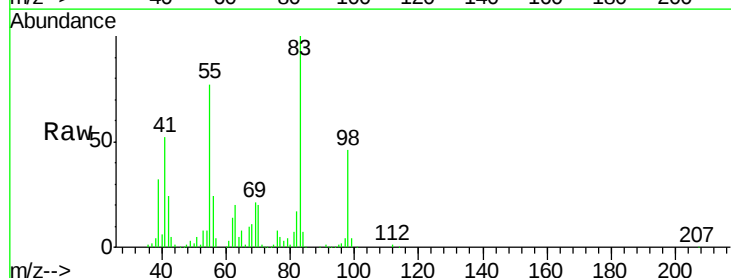
Tgt Ion: 83 Resp: 165074

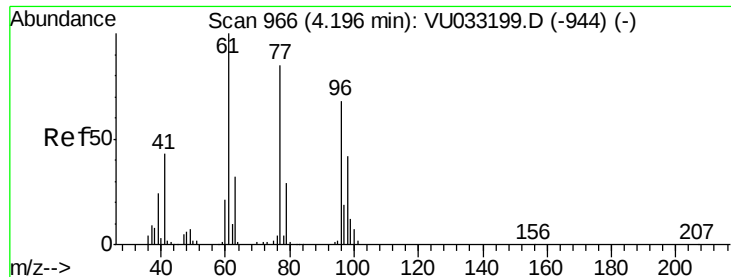
Ion Ratio Lower Upper

83 100

55 77.5 62.0 93.0

98 45.4 36.3 54.5





#21

2,2-Dichloropropane

Concen: 8.927 ug/l

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 77 Resp: 154458

Ion Ratio Lower Upper

77 100

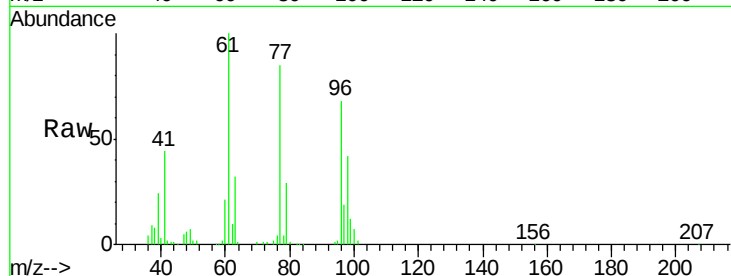
97 22.0 17.6 26.4

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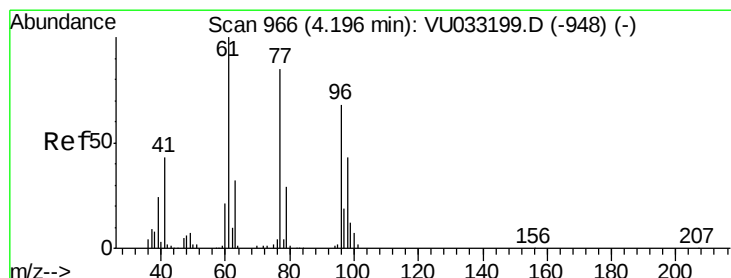
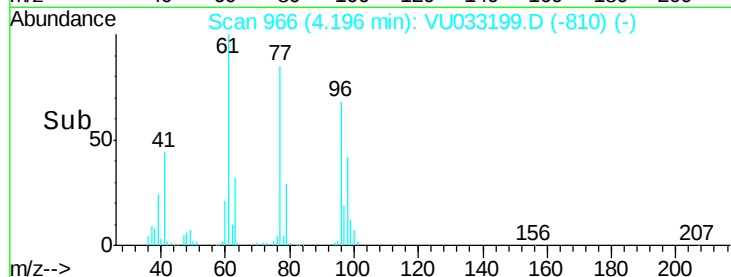
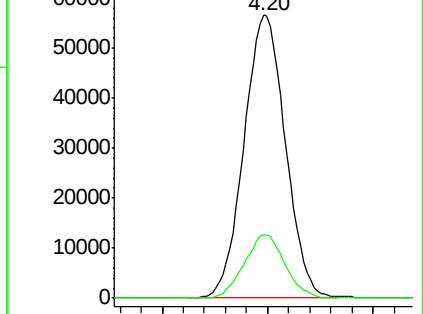
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Abundance Ion 77.00 (76.70 to 77.70): VU033199.D (-944) (-)

Ion 97.00 (96.70 to 97.70): VU033199.D (-944) (-)



#22

cis-1,2-Dichloroethene

Concen: 9.852 ug/l

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

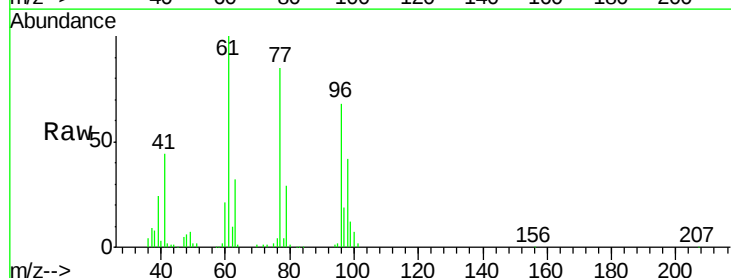
Tgt Ion: 96 Resp: 108368

Ion Ratio Lower Upper

96 100

61 150.9 0.0 377.3

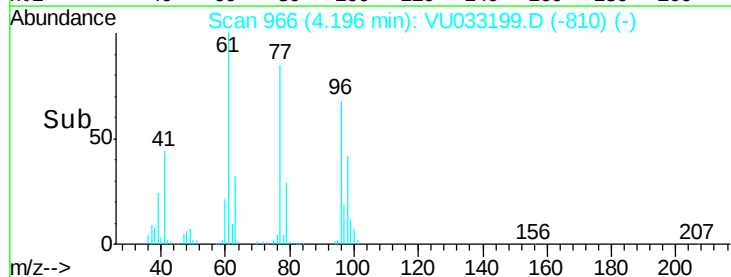
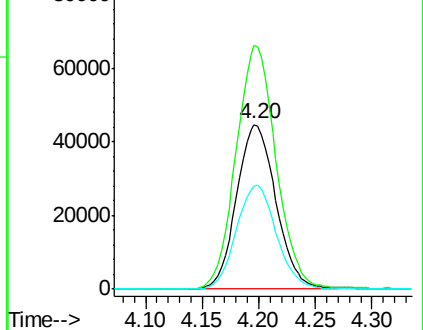
98 64.5 32.3 96.8

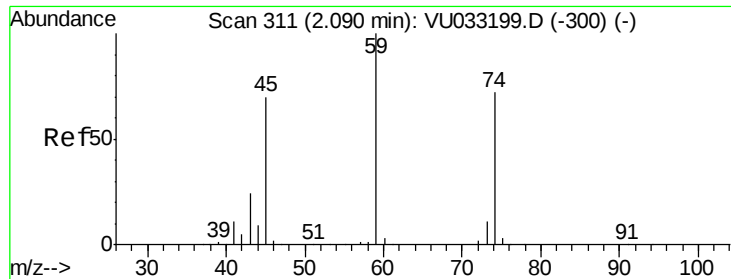


Abundance Ion 96.00 (95.70 to 96.70): VU033199.D (-948) (-)

Ion 61.00 (60.70 to 61.70): VU033199.D (-948) (-)

Ion 98.00 (97.70 to 98.70): VU033199.D (-948) (-)





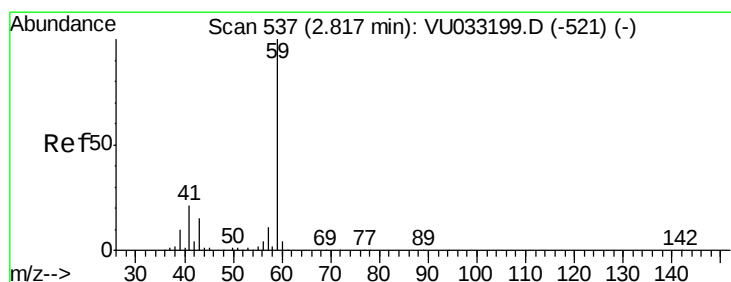
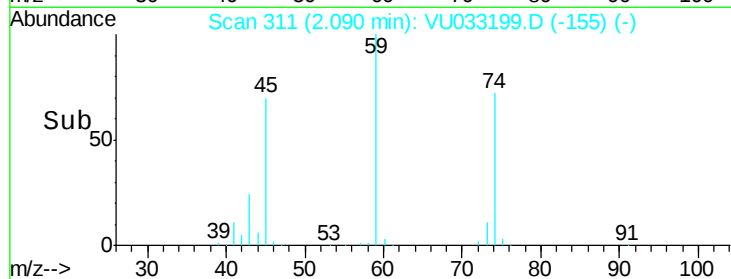
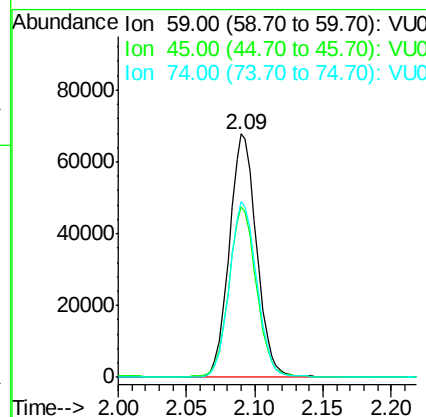
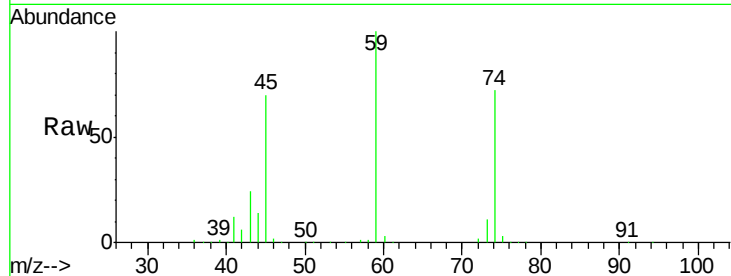
#23
Diethyl Ether
Concen: 9.508 ug/l
RT: 2.09 min Scan# 311
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	69.6	55.7	83.5
74	72.6	58.1	87.1

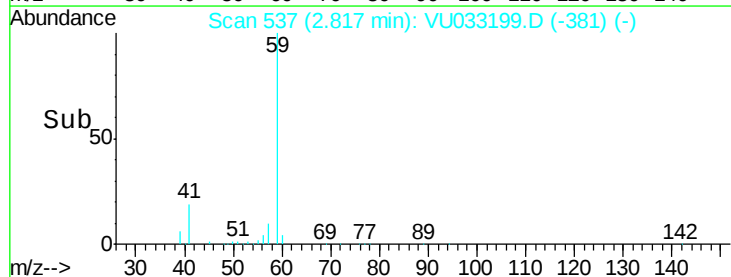
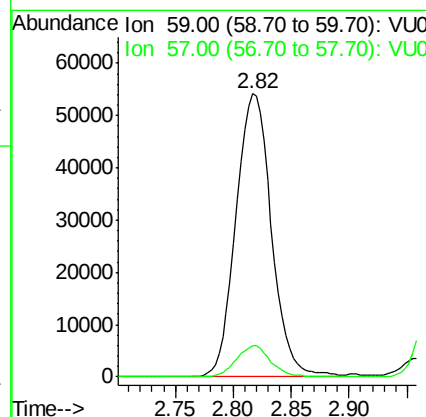
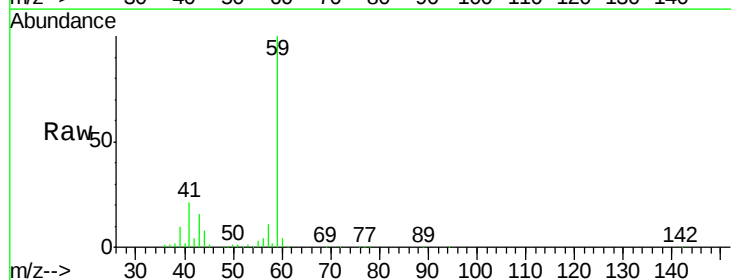
Manual Integrations
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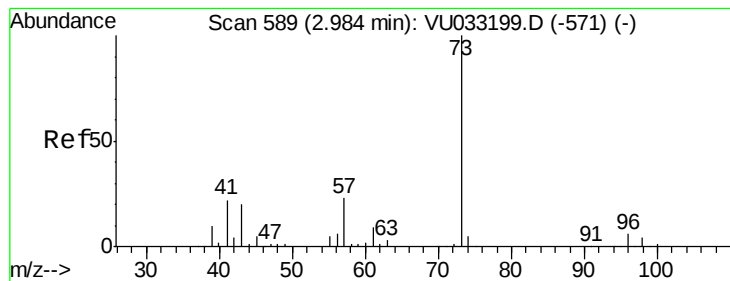
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 91.427 ug/l
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7





#25

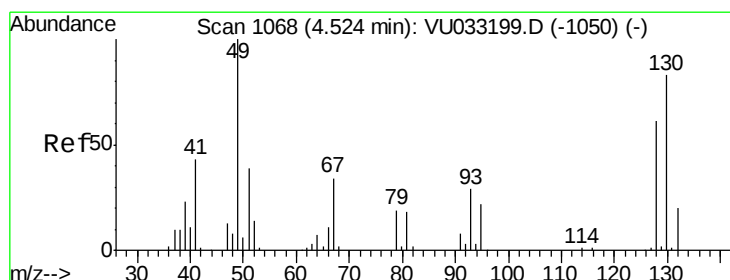
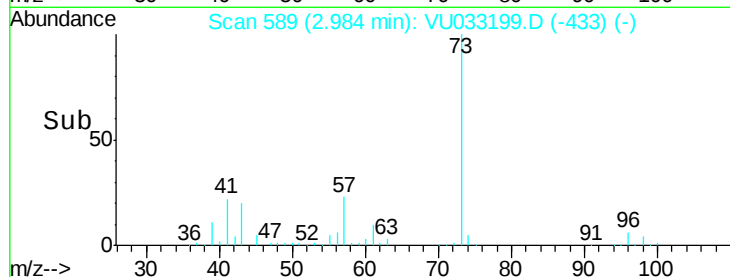
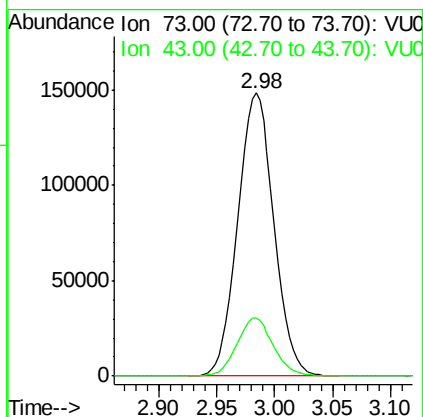
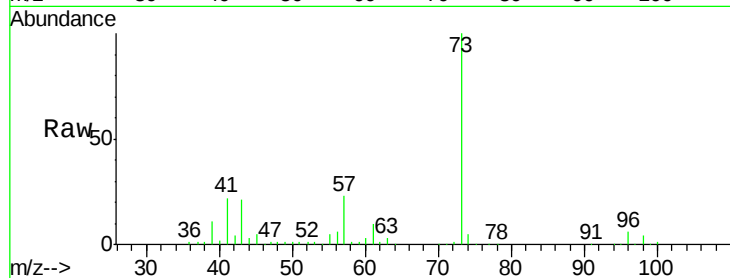
Methvl tert-Butvl Ether
 Concen: 9.603 ug/l
 RT: 2.98 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
73	100		
43	20.1	16.1	24.1

Manual Integrations
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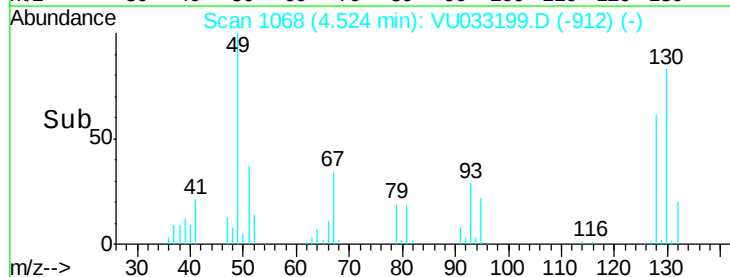
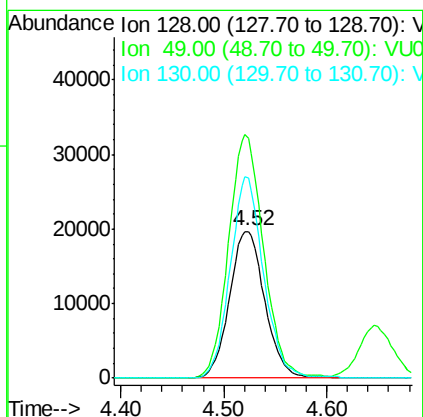
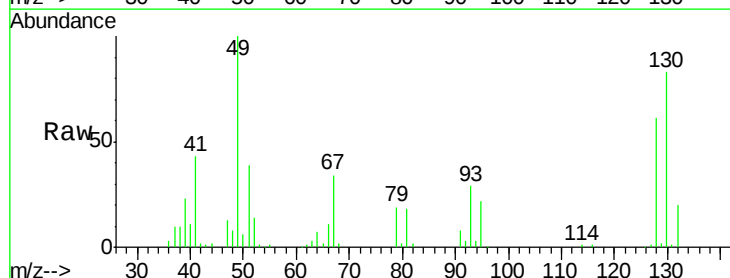
MMDadoda
 7/16/2019 4:03:23 PM

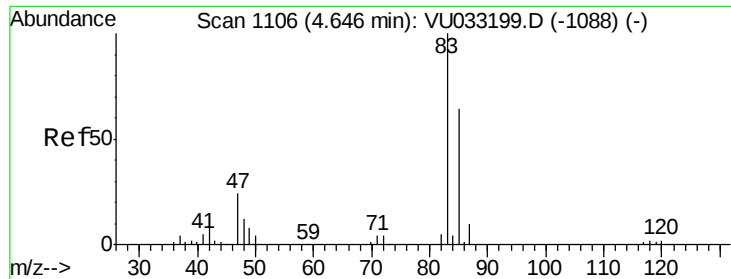


#26

Bromochloromethane
 Concen: 9.572 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
128	100		
49	164.3	0.0	328.6
130	130.1	104.1	156.1





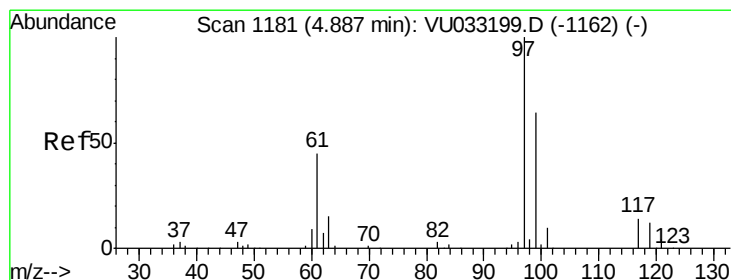
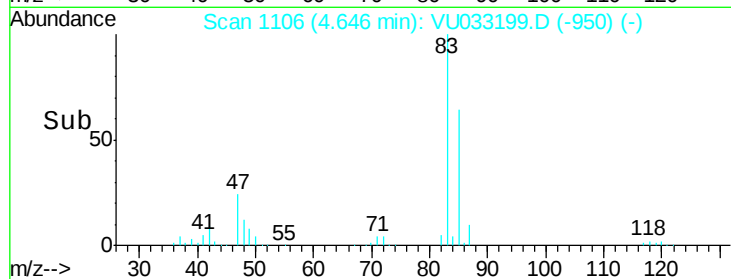
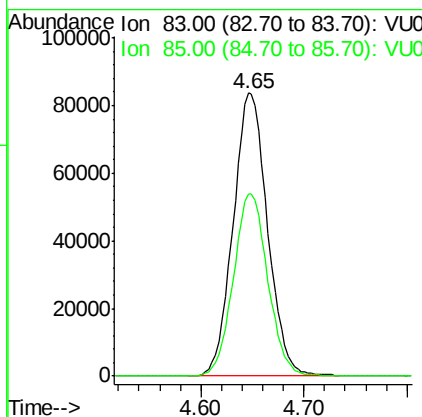
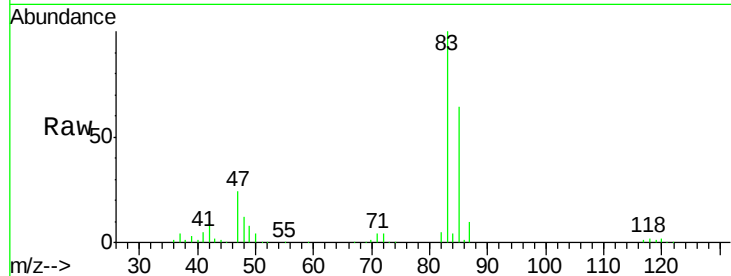
#27
Chloroform
Concen: 8.756 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	83	Resp	193878
Ion Ratio	100	Lower	Upper
85	64.2	0.0	128.4

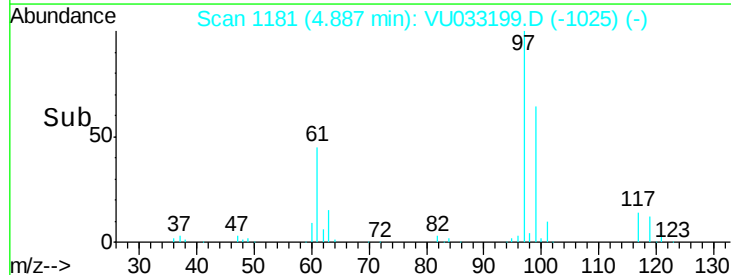
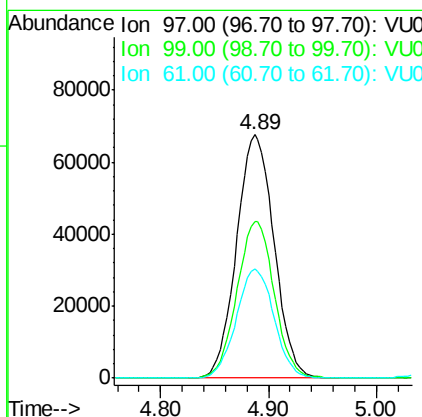
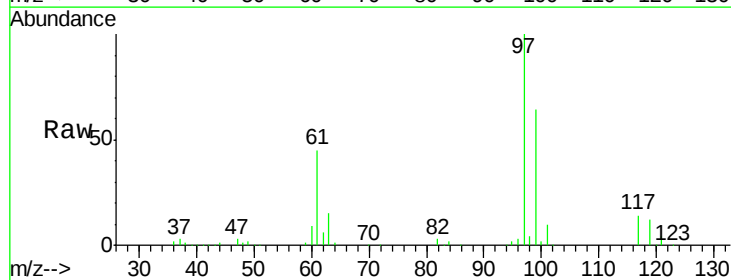
Manual Integrations
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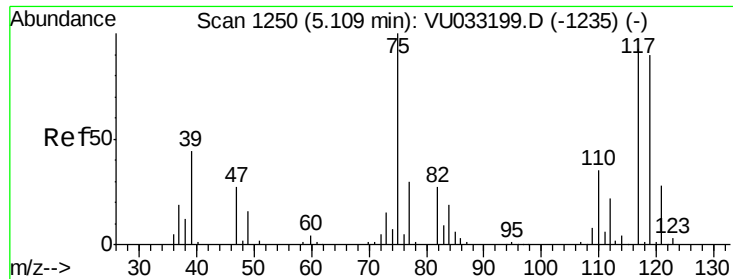
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#28
1,1,1-Trichloroethane
Concen: 9.439 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	97	Resp	163746
Ion Ratio	100	Lower	Upper
99	63.7	31.9	95.5
61	45.1	22.6	67.7





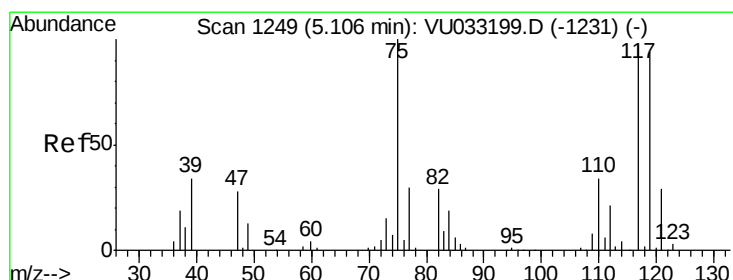
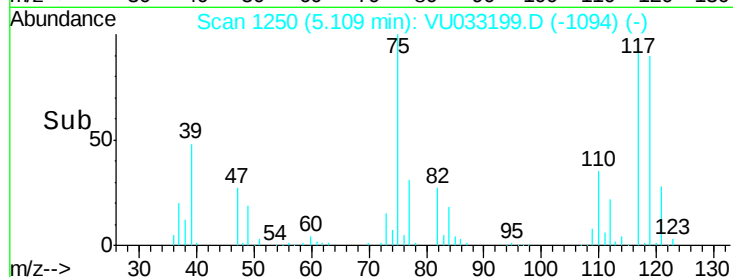
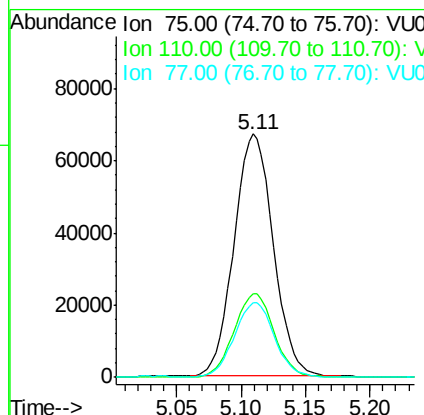
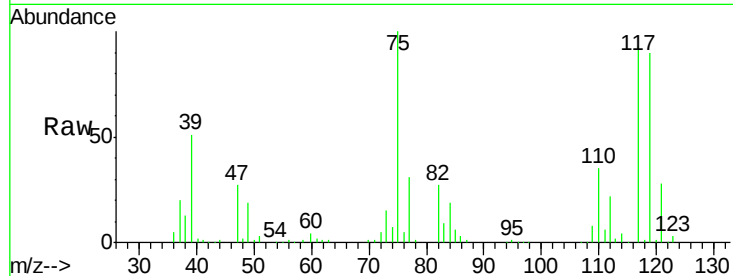
#29
 1,1-Dichloropropene
 Concen: 9.903 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.5	52.6
77	30.8	24.6	37.0

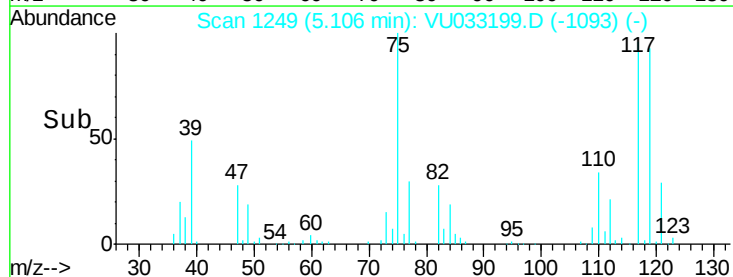
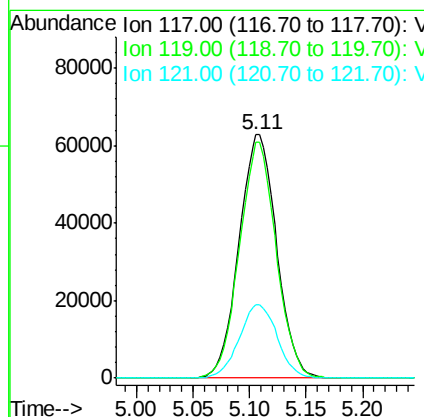
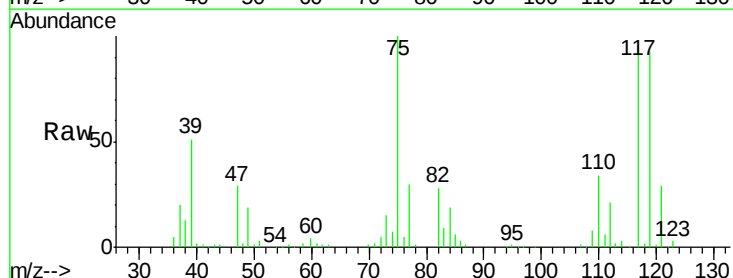
Manual Integrations
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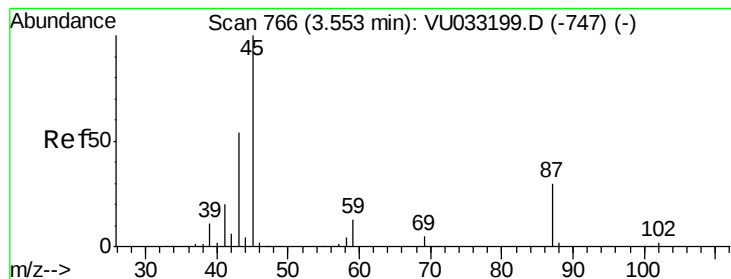
MMDadoda
 7/16/2019 4:03:23 PM



#30
 Carbon Tetrachloride
 Concen: 9.349 ug/l
 RT: 5.11 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	30.2	24.2	36.2





#31

Isopropyl Ether

Concen: 9.869 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 45 Resp: 258661

Ion Ratio Lower Upper

45 100

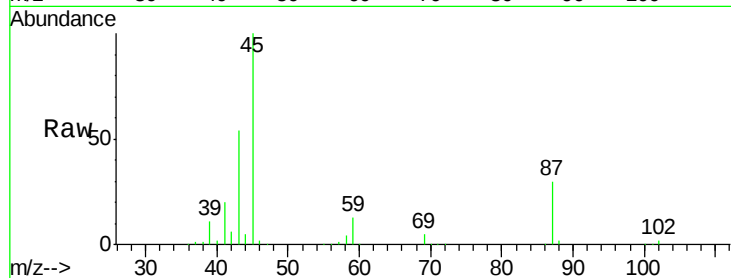
43 54.5 27.3 81.8

Manual Integrations

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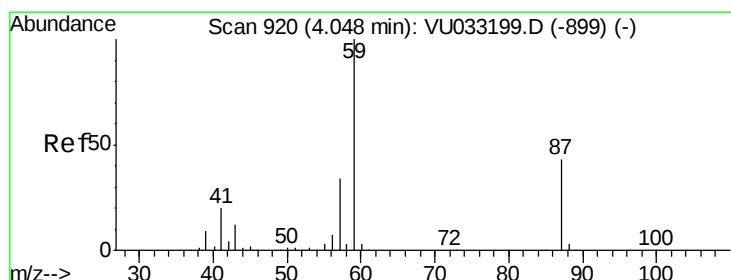
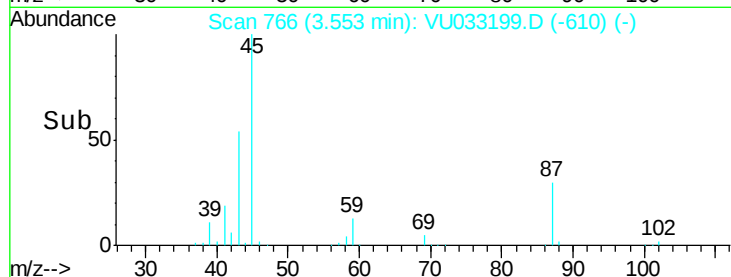
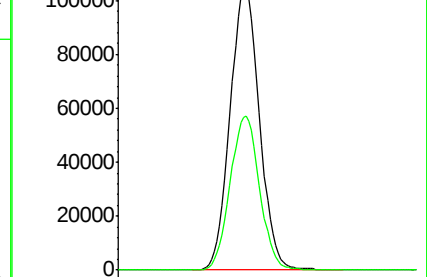
7/16/2019 4:03:23 PM



Abundance Ion 45.00 (44.70 to 45.70): VU033199.D (-747) (-)

Ion 43.00 (42.70 to 43.70): VU033199.D (-747) (-)

3.55



#32

Ethyl-t-butyl ether

Concen: 10.217 ug/l

RT: 4.05 min Scan# 920

Delta R.T. 0.00 min

Lab File: VU033199.D

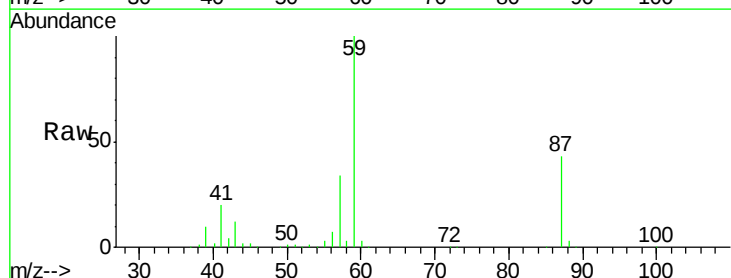
Acq: 11 Jul 2019 18:42

Tgt Ion: 59 Resp: 255281

Ion Ratio Lower Upper

59 100

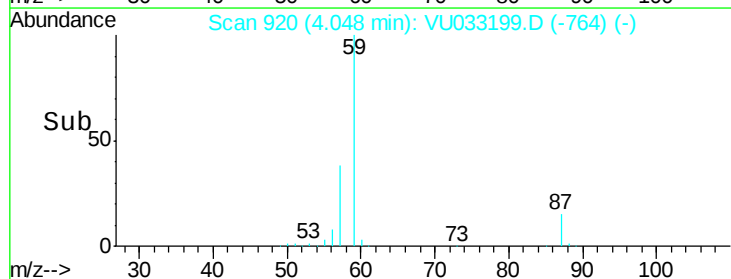
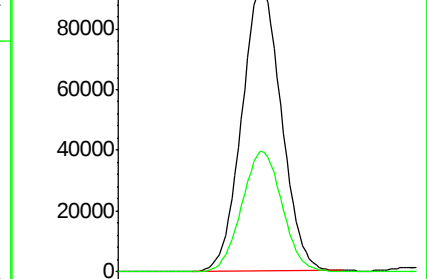
87 43.1 34.5 51.7

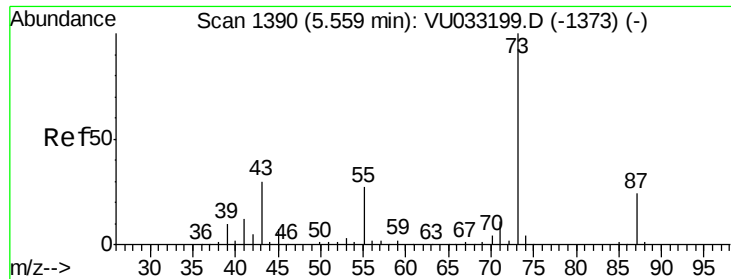


Abundance Ion 59.00 (58.70 to 59.70): VU033199.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VU033199.D (-899) (-)

4.05





#33

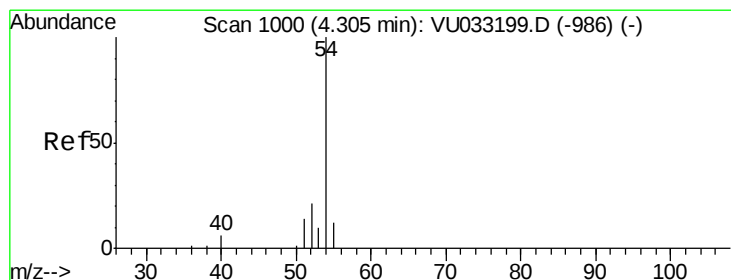
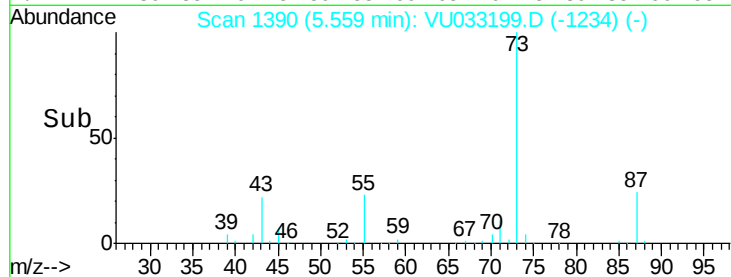
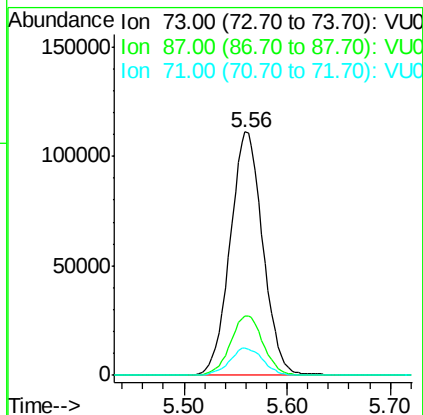
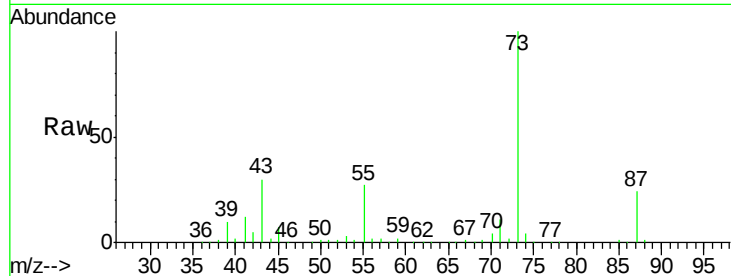
Tert-Amvl methvl ether
Concen: 10.842 ug/l
RT: 5.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.7	19.8	29.6
71	11.4	9.1	13.7

Manual Integrations
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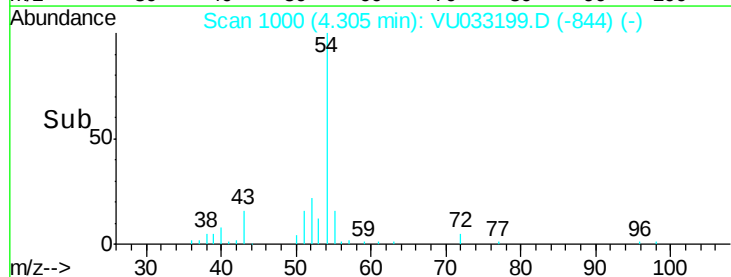
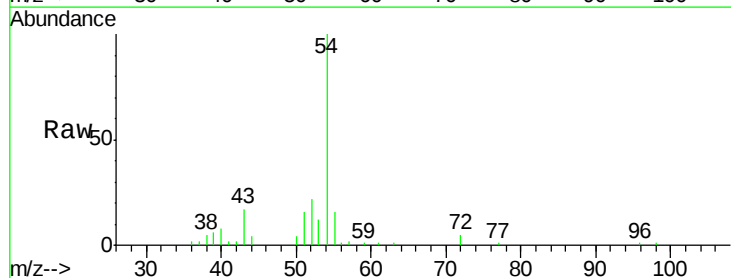
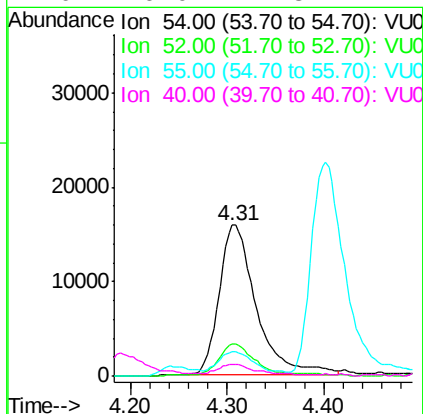
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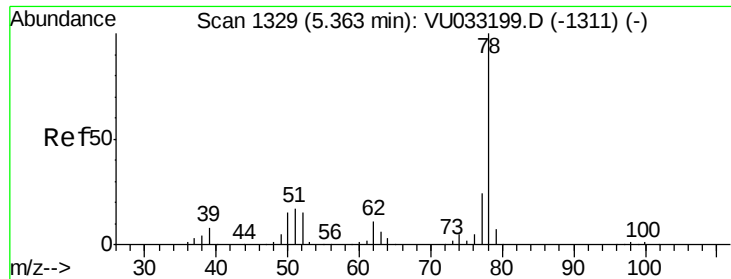


#34

Propionitrile
Concen: 56.165 ug/l
RT: 4.31 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.9	16.7	25.1
55	16.1	12.9	19.3
40	6.0	4.8	7.2





#35

Benzene

Concen: 9.901 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 78 Resp: 413462

Ion Ratio Lower Upper

78 100

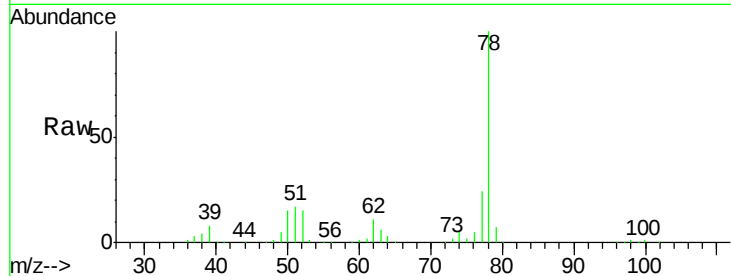
77 24.1 19.3 28.9

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Abundance Ion 78.10 (77.80 to 78.80): VU033199.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033199.D (-1311) (-)

5.36

200000

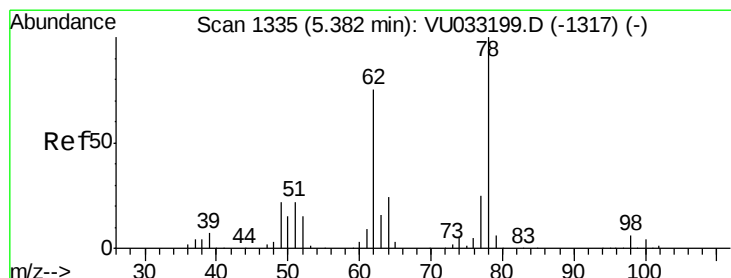
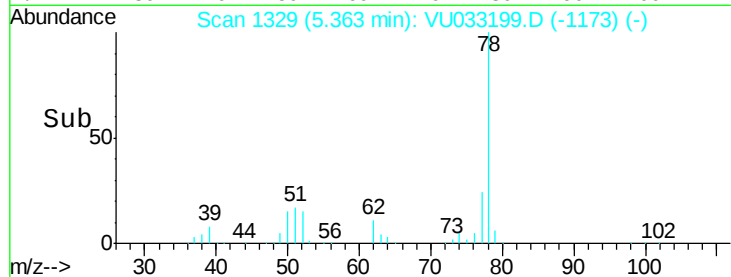
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.688 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU033199.D

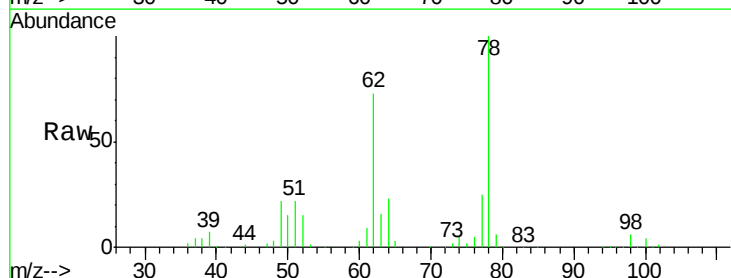
Acq: 11 Jul 2019 18:42

Tgt Ion: 62 Resp: 130620

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU033199.D (-1317) (-)

Ion 98.00 (97.70 to 98.70): VU033199.D (-1317) (-)

5.38

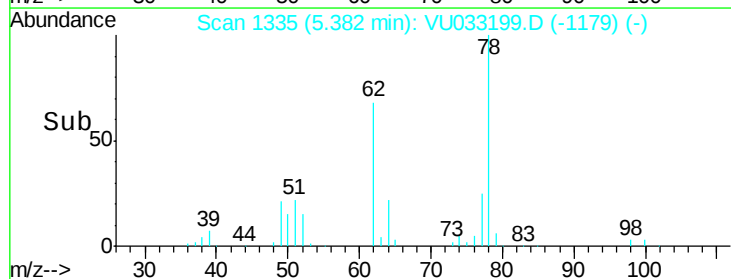
60000

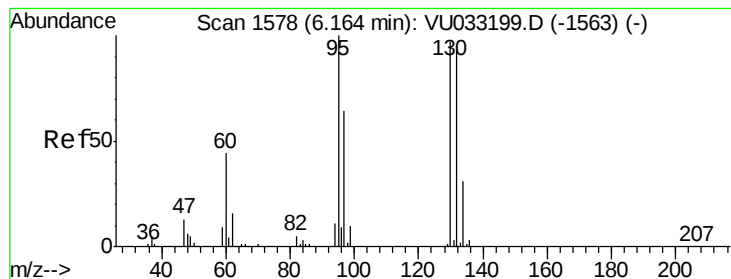
40000

20000

0

Time-->





#37

Trichloroethene

Concen: 9.910 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:130 Resp: 106783

Ion Ratio Lower Upper

130 100

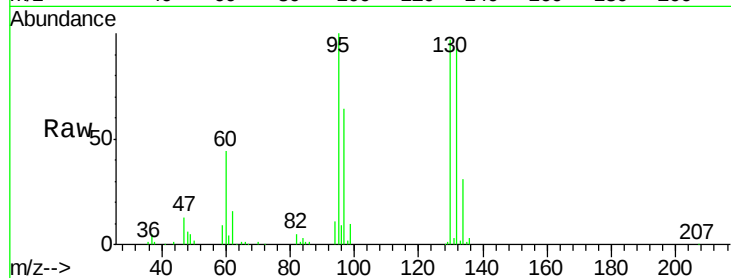
95 103.0 82.4 123.6

Manual Integrations

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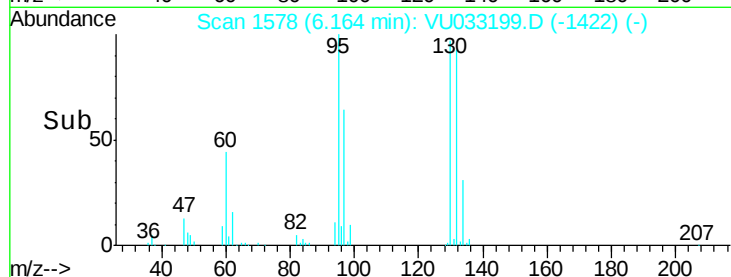


Abundance Ion 129.90 (129.60 to 130.60): VU033199.D (-1563) (-)

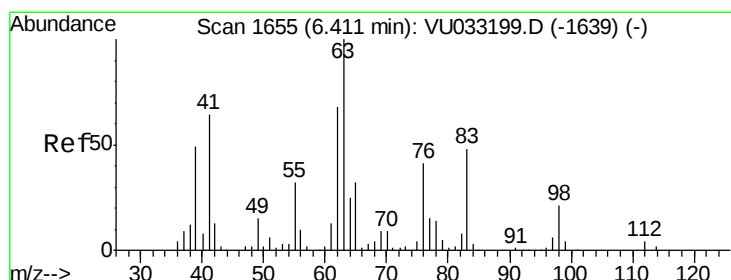
Ion 94.90 (94.60 to 95.60): VU033199.D (-1563) (-)

6.16

6.10 6.20 6.30



Time-->



#38

1,2-Dichloropropane

Concen: 9.732 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU033199.D

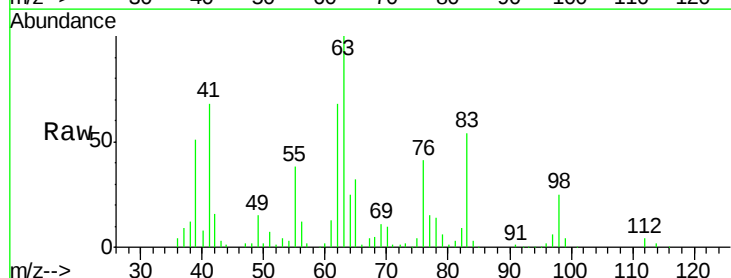
Acq: 11 Jul 2019 18:42

Tgt Ion: 63 Resp: 111927

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9

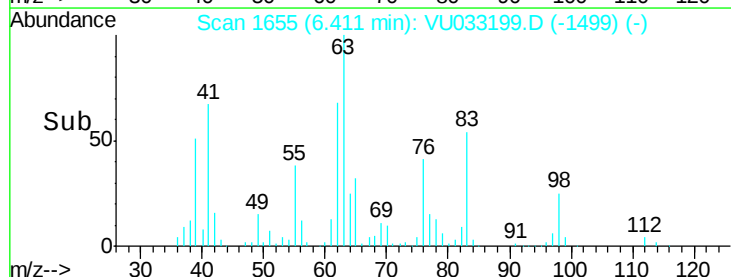


Abundance Ion 63.00 (62.70 to 63.70): VU033199.D (-1639) (-)

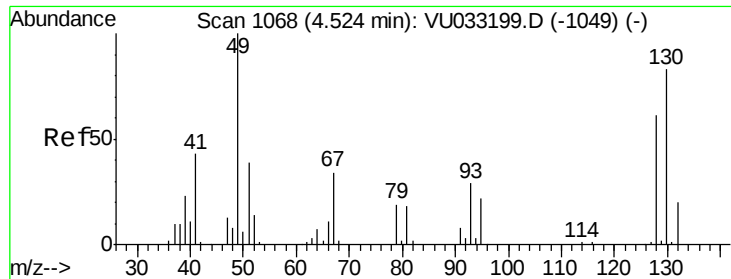
Ion 65.00 (64.70 to 65.70): VU033199.D (-1639) (-)

6.41

6.30 6.35 6.40 6.45 6.50



Time-->



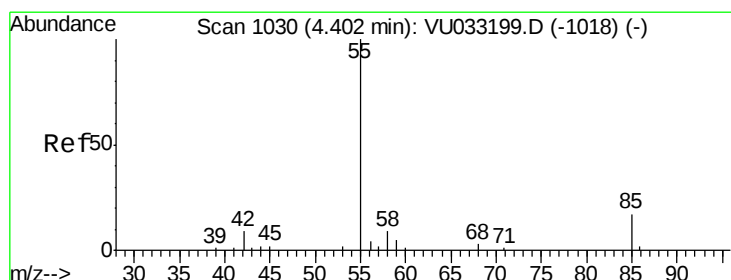
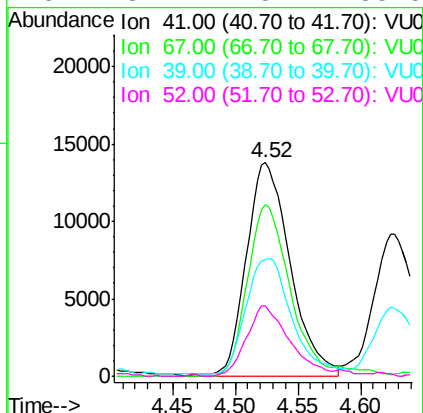
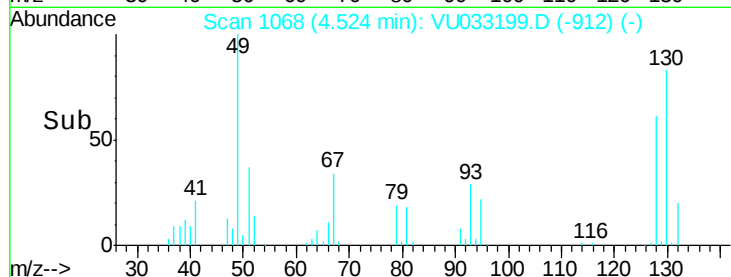
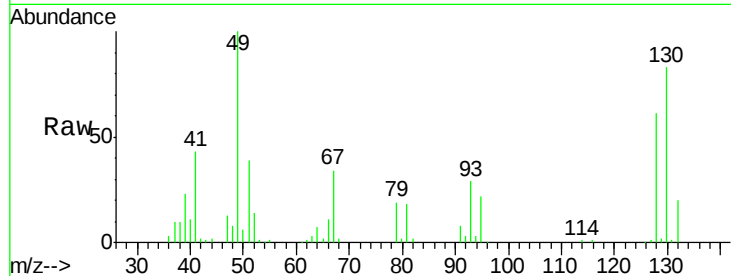
#39
Methacrylonitrile
Concen: 10.852 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
67	76.2	61.0	91.4		
39	55.5	44.4	66.6		
52	32.1	25.7	38.5		

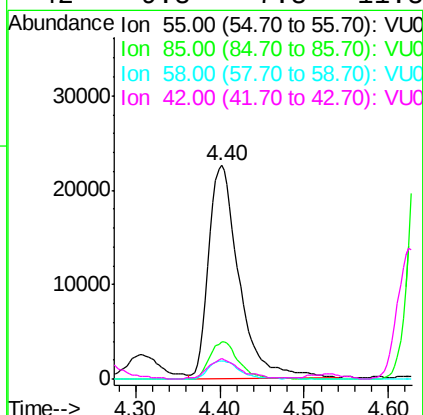
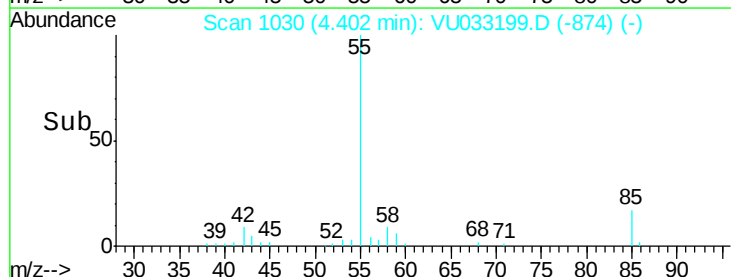
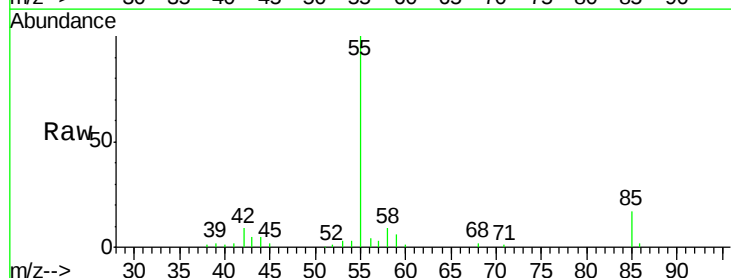
Manual Integrations
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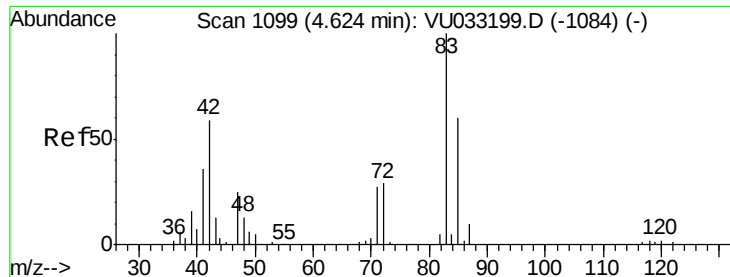
MMDadoda
7/16/2019 4:03:23 PM



#40
Methyl acrylate
Concen: 12.019 ug/l
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100				
85	16.3	13.0	19.6		
58	8.7	7.0	10.4		
42	9.8	7.8	11.8		





#41

Tetrahydrofuran

Concen: 21.888 ug/l

RT: 4.62 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

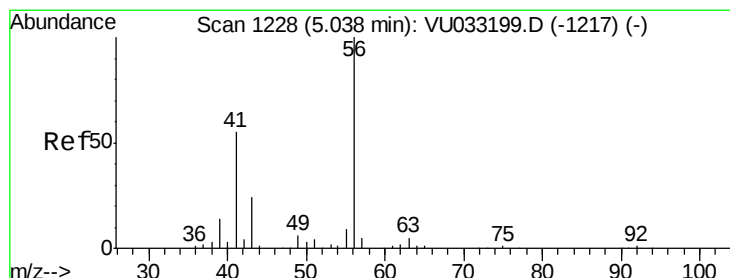
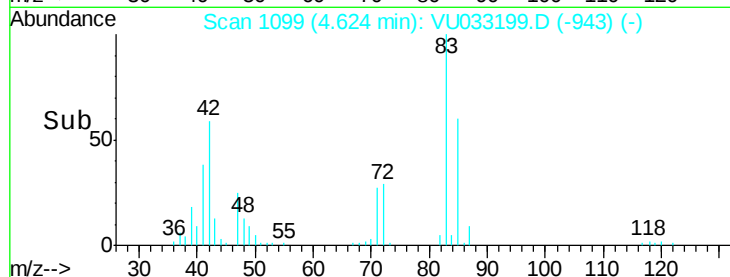
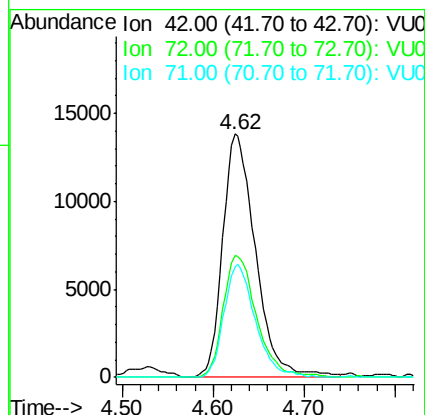
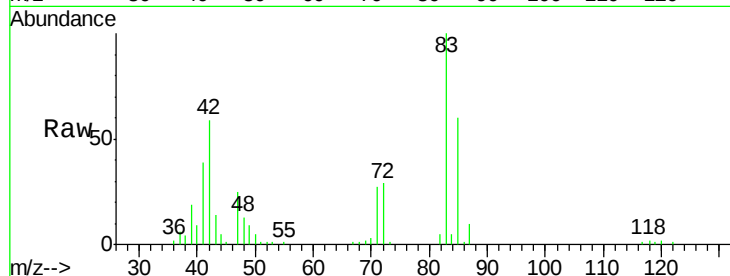
ClientSampleId :

VSTDICCC010

Tot Ion:	42	Resp:	34727
Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.7	61.1
71	44.2	35.4	53.0

Manual Integrations
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7/16/2019 4:03:23 PM



#42

1-Chlorobutane

Concen: 9.861 ug/l

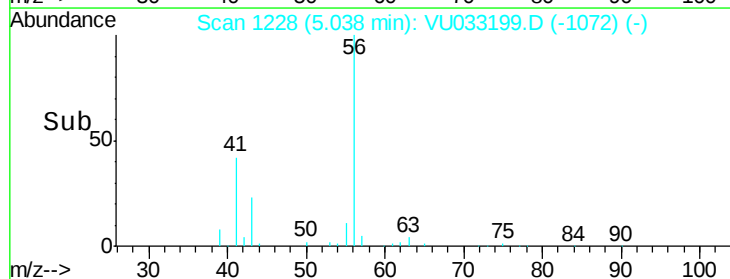
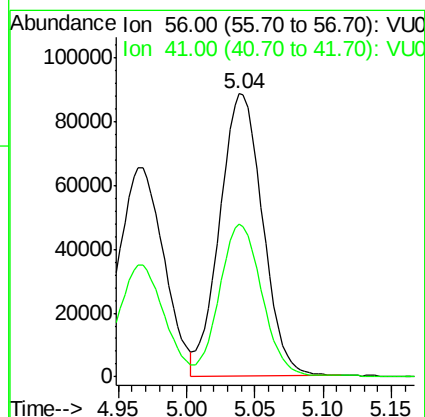
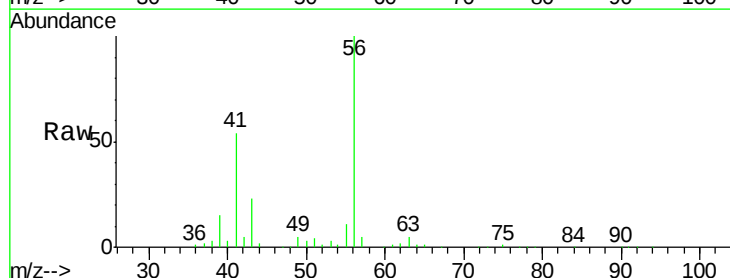
RT: 5.04 min Scan# 1228

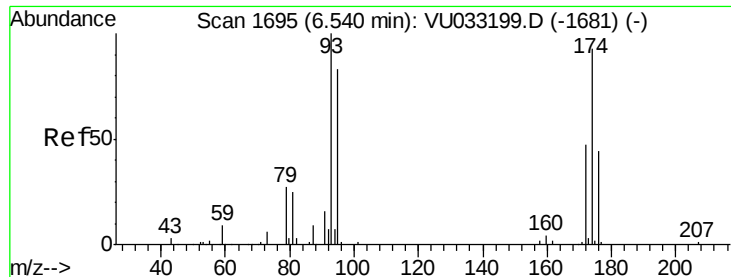
Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tgt Ion:	56	Resp:	192391
Ion	Ratio	Lower	Upper
56	100		
41	52.9	26.5	79.4





#43

Dibromomethane

Concen: 9.900 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

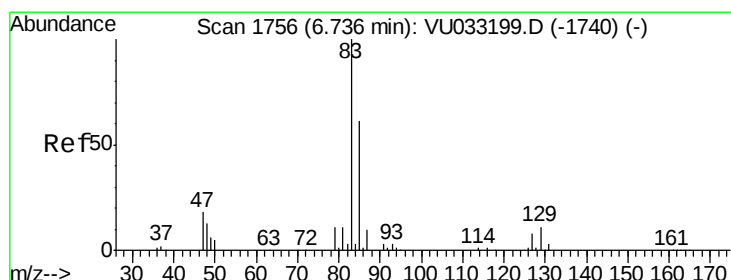
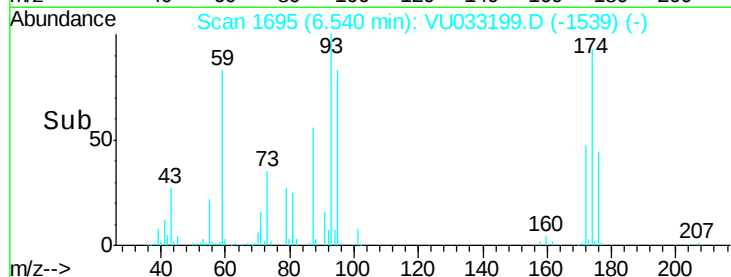
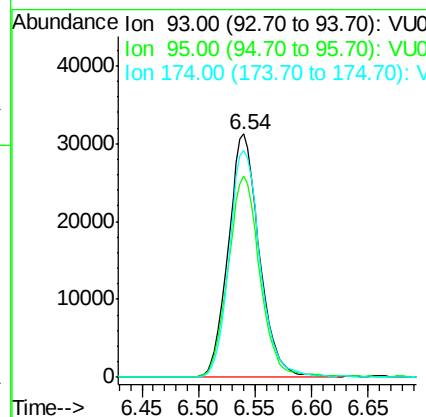
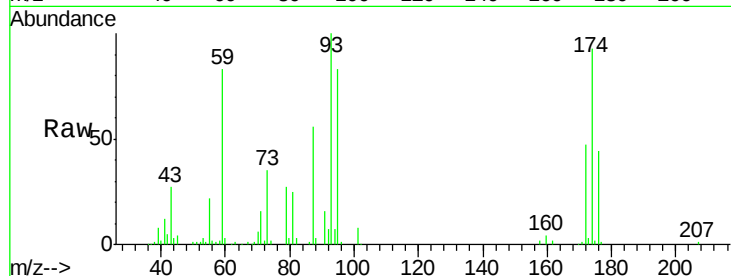
ClientSampleId :

VSTDICCC010

Tot Ion:	93	Resp:	59715
Ion	Ratio	Lower	Upper
93	100		
95	84.4	67.5	101.3
174	92.7	74.2	111.2

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#44

Bromodichloromethane

Concen: 9.601 ug/l

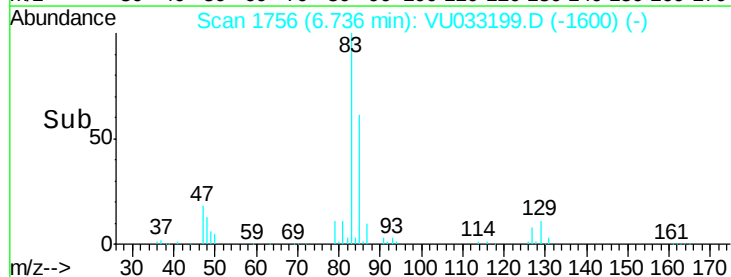
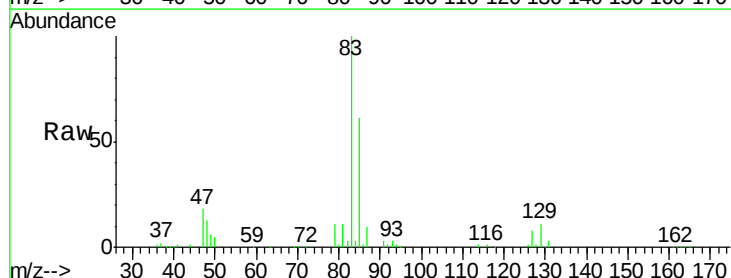
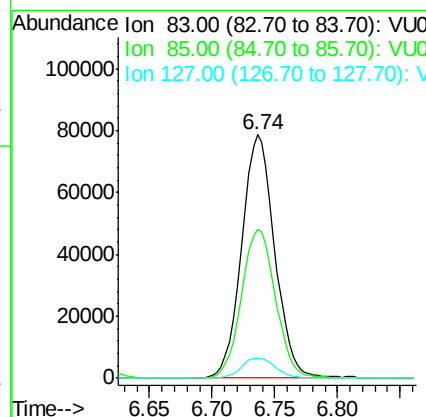
RT: 6.74 min Scan# 1756

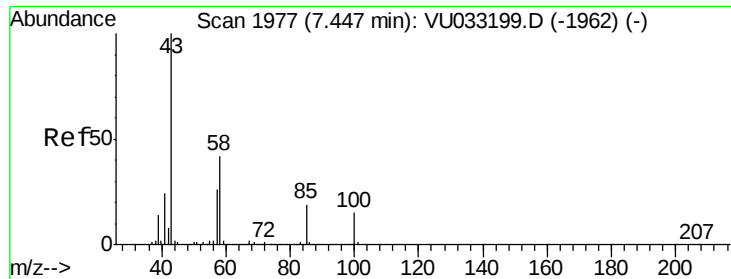
Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tgt Ion:	83	Resp:	144191
Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	8.2	6.6	9.8





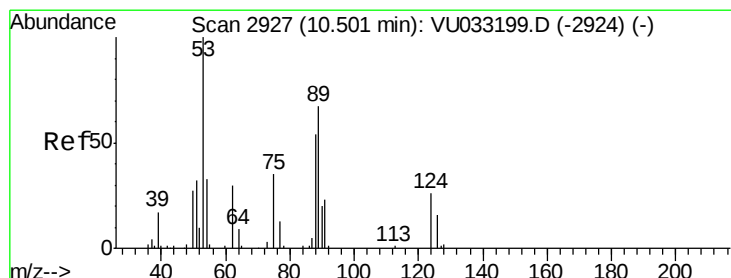
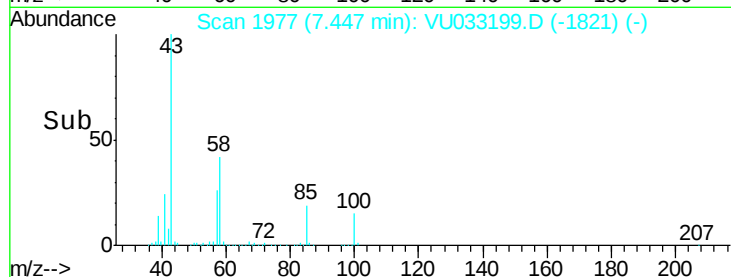
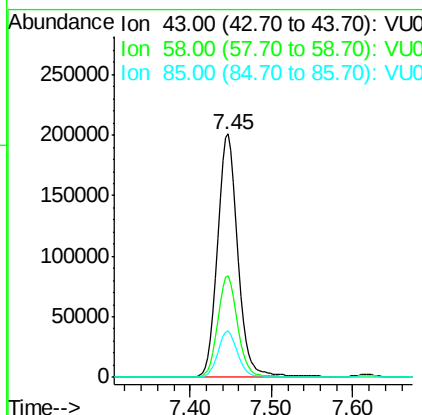
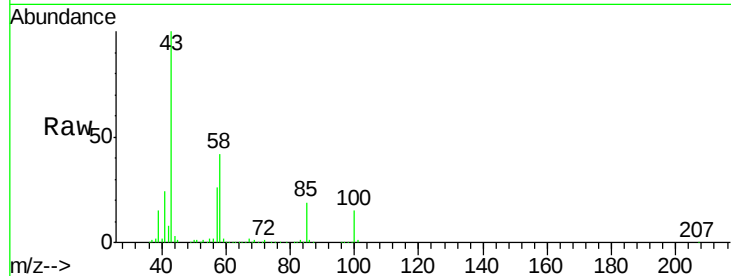
#45
4-Methyl-2-Pentanone
Concen: 55.959 ug/l
RT: 7.45 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	40.8	20.4	61.2	
85	18.4	14.7	22.1	

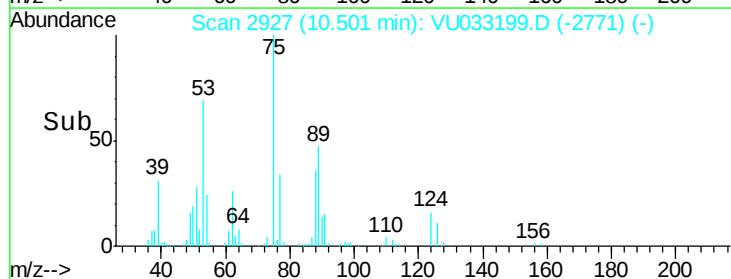
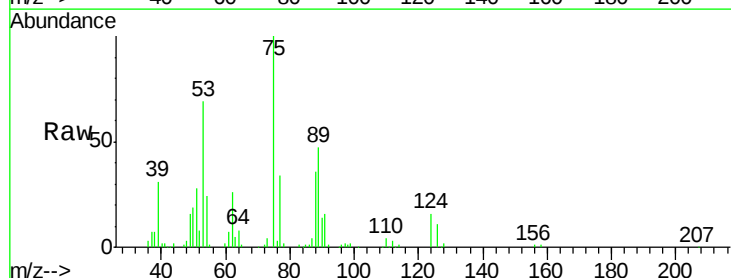
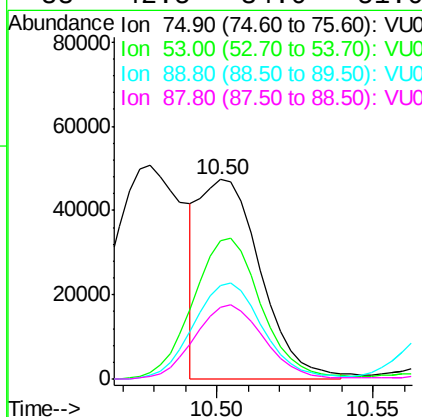
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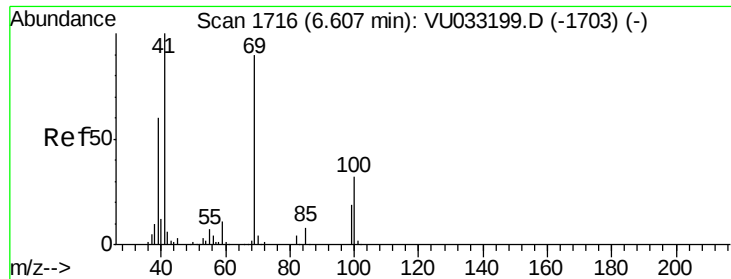
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#46
t-1,4-Dichloro-2-butene
Concen: 22.146 ug/l m
RT: 10.50 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
53	79.7	63.8	95.6	
89	55.0	44.0	66.0	
88	42.5	34.0	51.0	





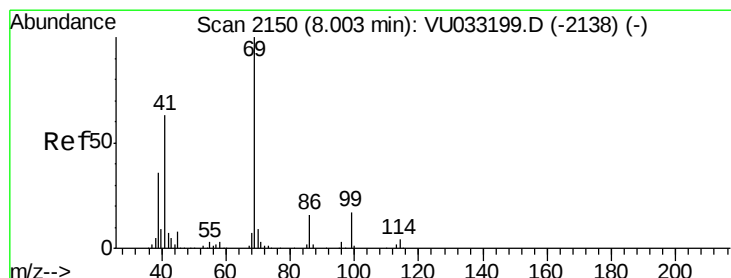
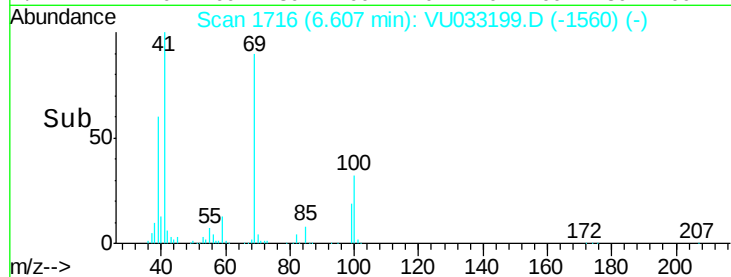
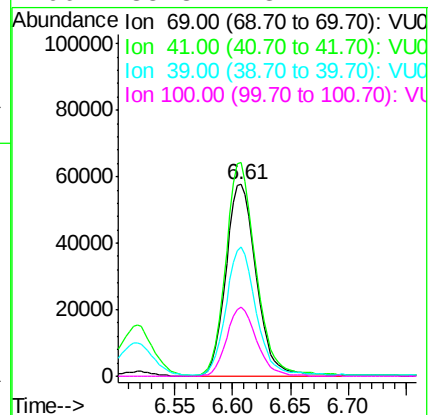
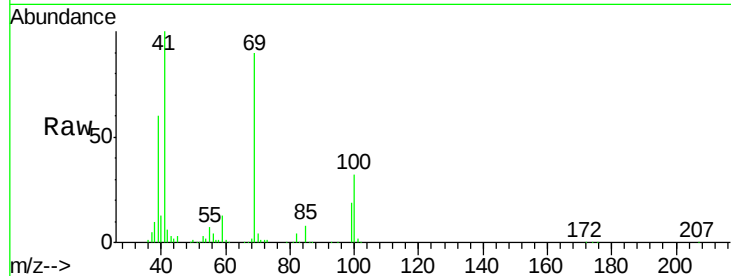
#47
Methvl methacrvlte
Concen: 22.683 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	108.5	0.0	217.0	
39	65.1	52.1	78.1	
100	35.3	28.2	42.4	

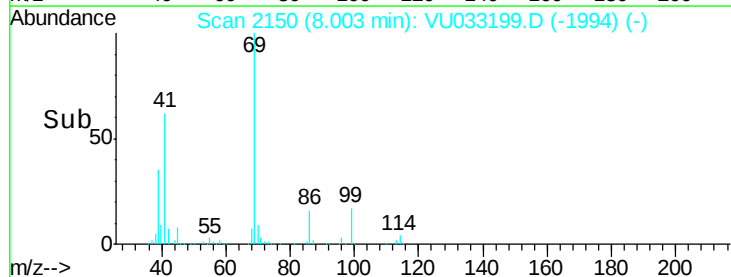
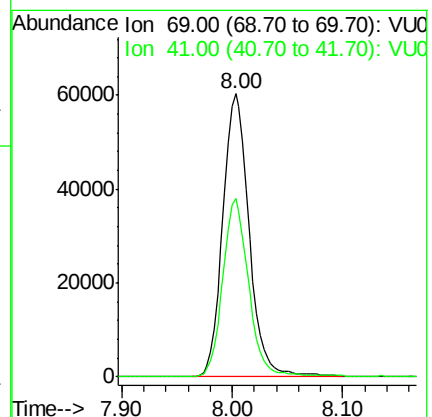
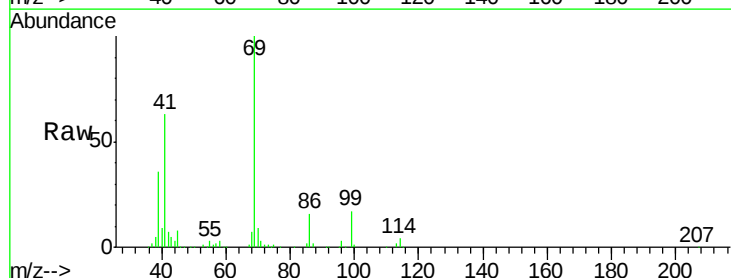
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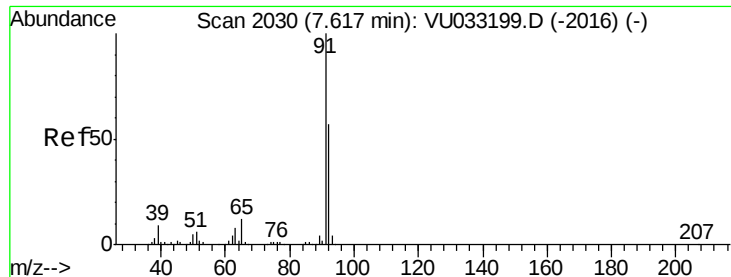
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#48
Ethyl methacrylate
Concen: 11.556 ug/l
RT: 8.00 min Scan# 2150
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	62.5	31.3	93.8	





#49

Toluene

Concen: 10.496 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 92 Resp: 258174

Ion Ratio Lower Upper

92 100

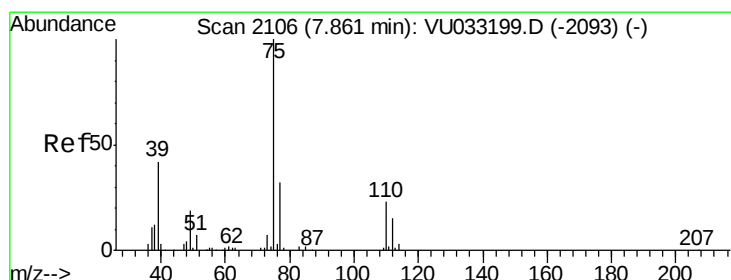
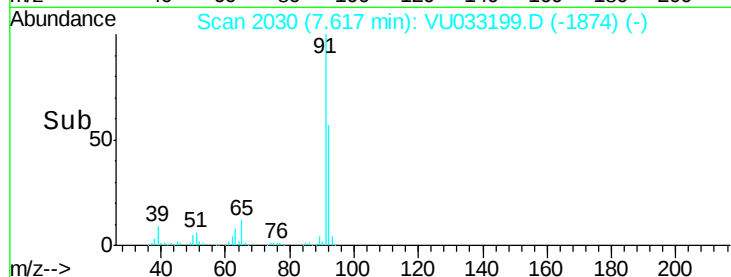
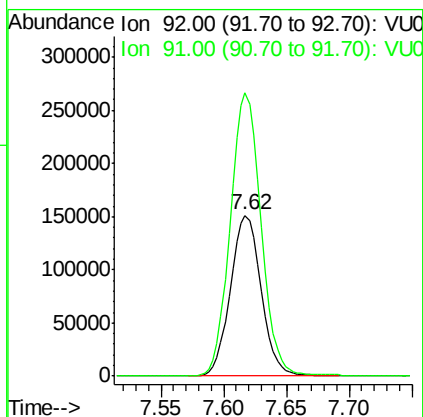
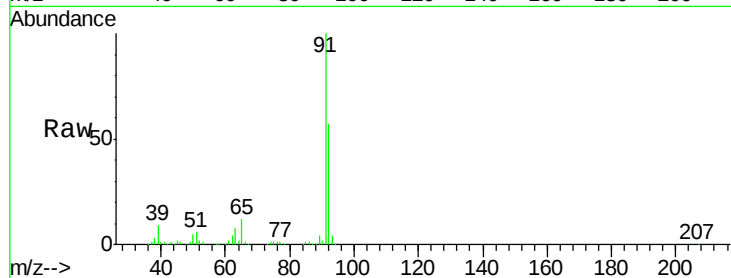
91 176.5 141.2 211.8

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#50

t-1,3-Dichloropropene

Concen: 10.613 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU033199.D

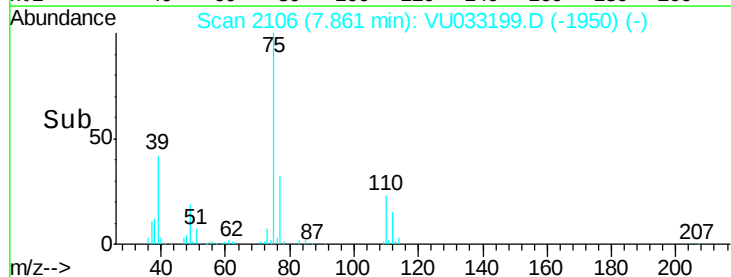
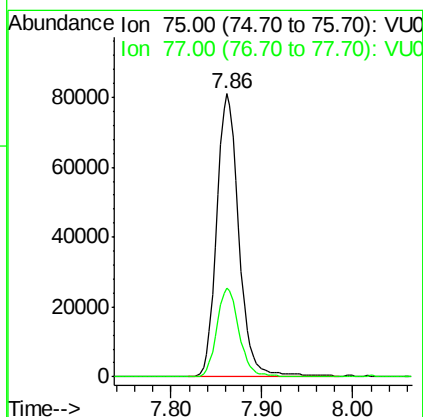
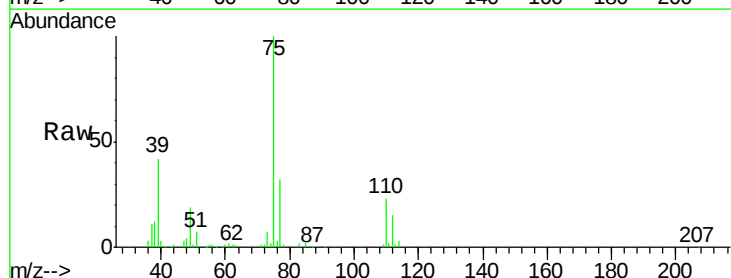
Acq: 11 Jul 2019 18:42

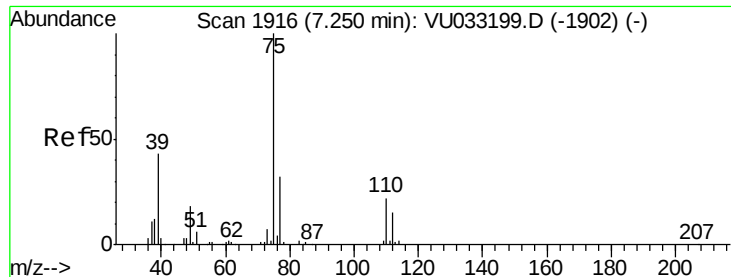
Tgt Ion: 75 Resp: 137501

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8





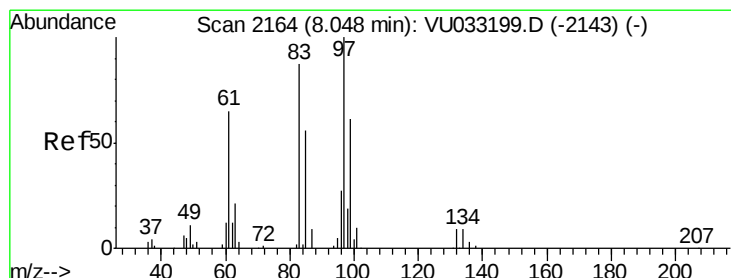
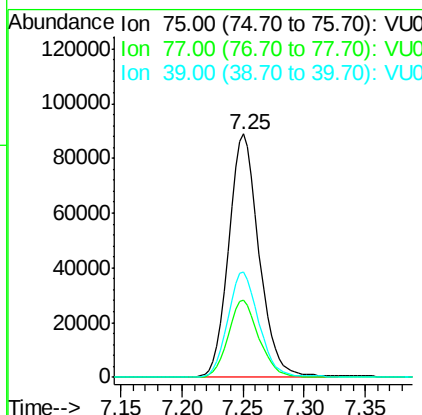
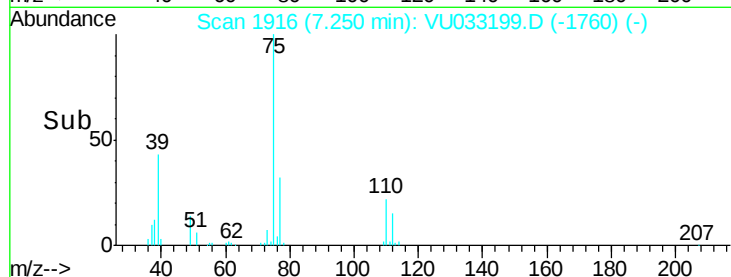
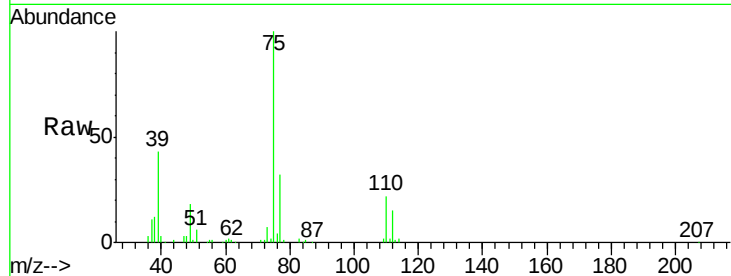
#51
 cis-1,3-Dichloropropene
 Concen: 10.176 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	43.1	34.5	51.7

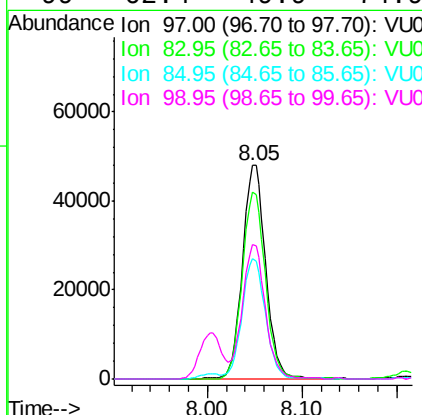
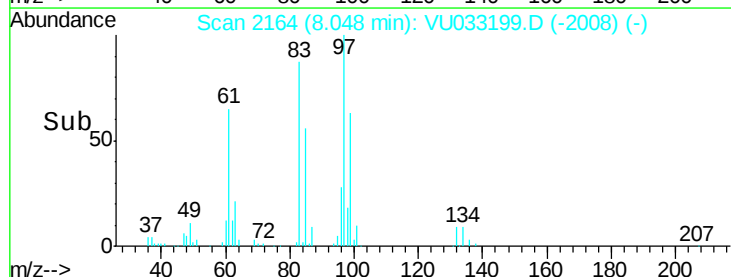
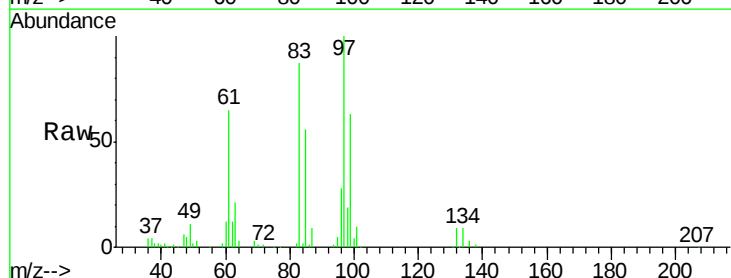
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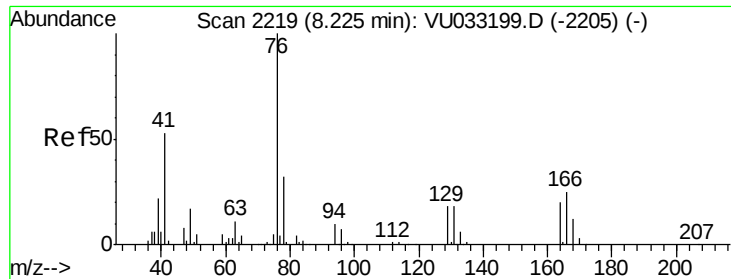
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#52
 1,1,2-Trichloroethane
 Concen: 9.873 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.9	104.9
85	56.5	45.2	67.8
99	62.4	49.9	74.9





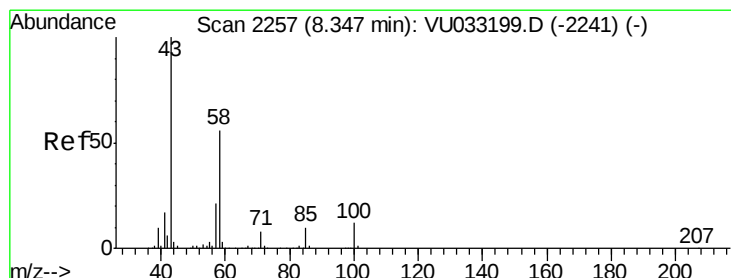
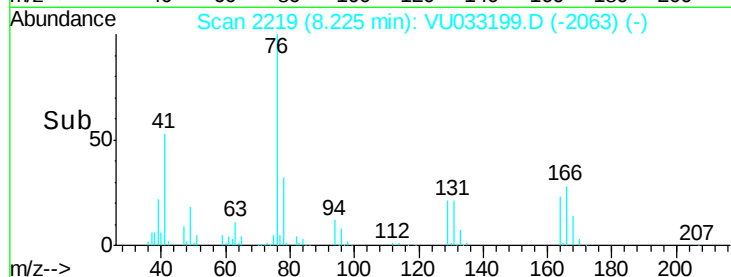
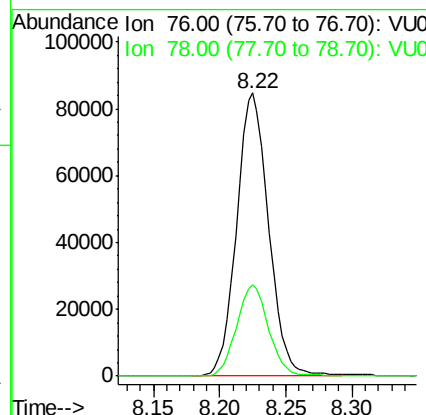
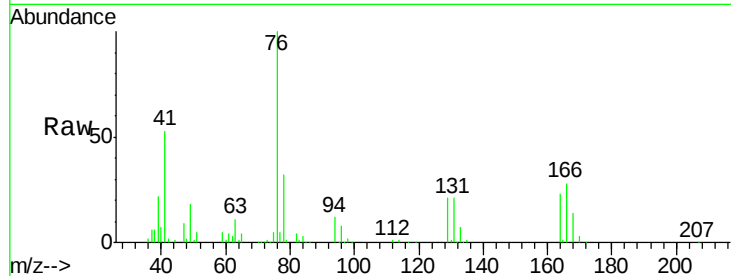
#53
 1,3-Dichloropropane
 Concen: 10.163 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

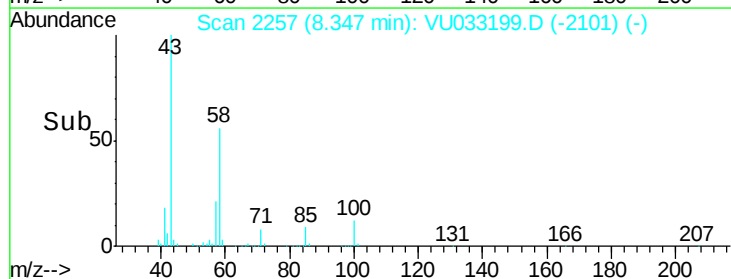
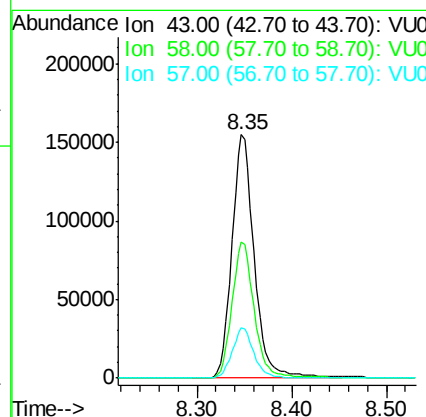
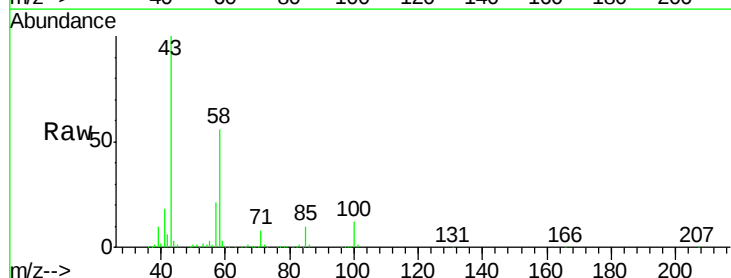
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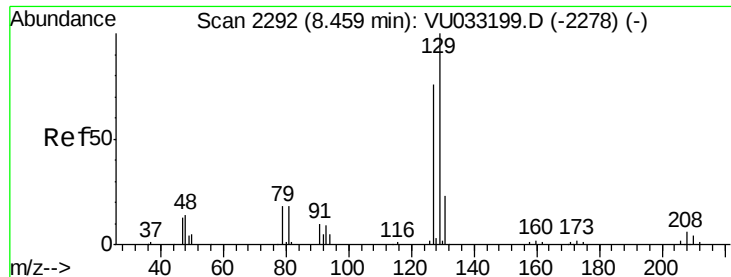
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#54
 2-Hexanone
 Concen: 58.321 ug/l
 RT: 8.35 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.8	35.8	75.8
57	20.2	0.2	40.2





#55

Dibromochloromethane

Concen: 9.993 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:129 Resp: 97081

Ion Ratio Lower Upper

129 100

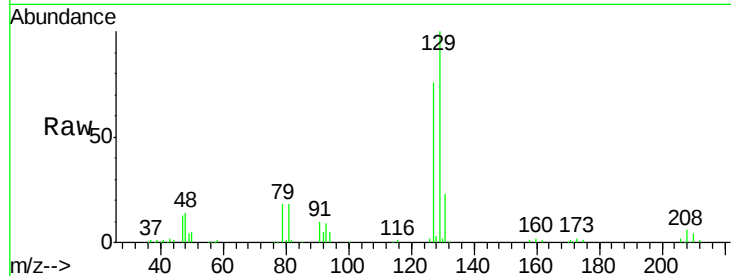
127 78.6 62.9 94.3

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

60000

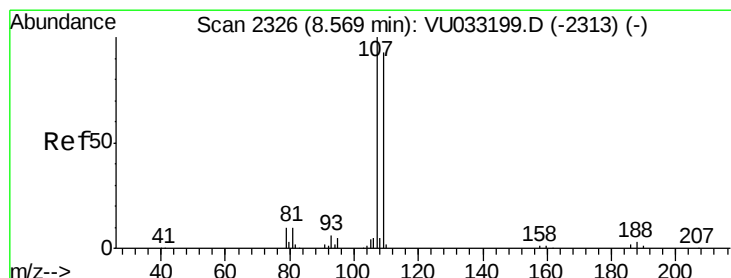
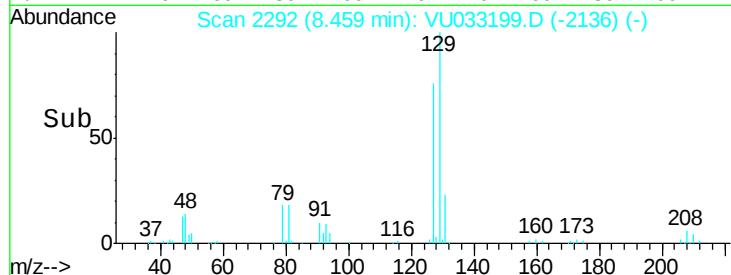
40000

20000

0

8.35 8.40 8.45 8.50 8.55

Time-->



#56

1,2-Dibromoethane

Concen: 10.377 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU033199.D

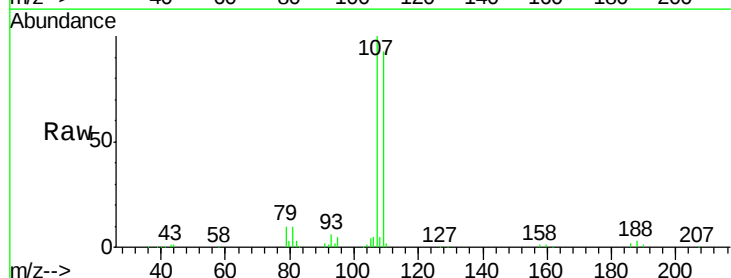
Acq: 11 Jul 2019 18:42

Tgt Ion:107 Resp: 78915

Ion Ratio Lower Upper

107 100

109 94.6 0.0 189.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

50000

40000

30000

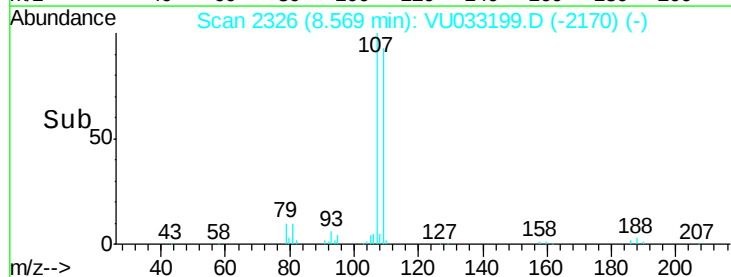
20000

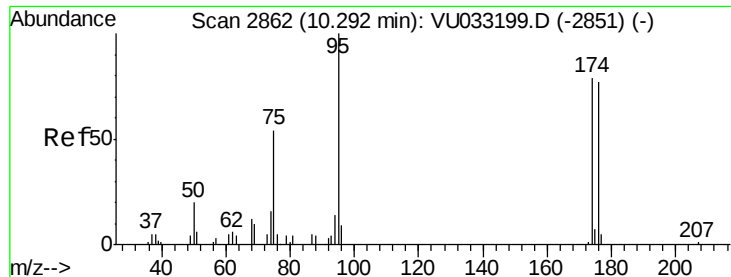
10000

0

8.50 8.55 8.60 8.65

Time-->





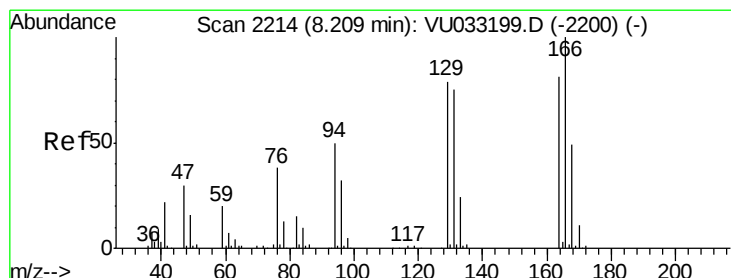
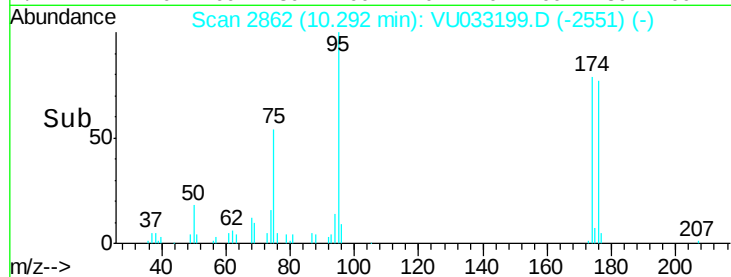
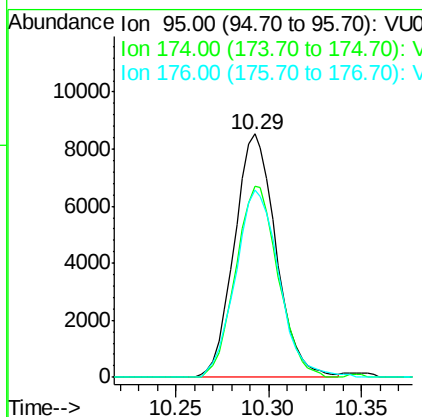
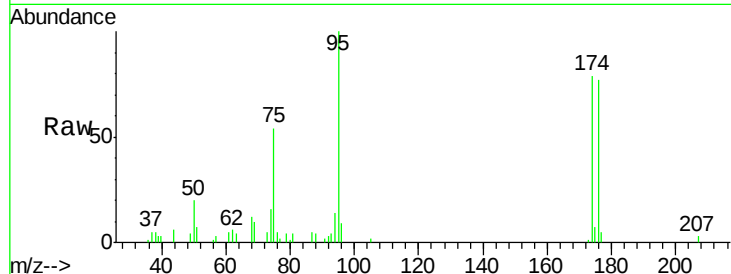
#57
4-Bromofluorobenzene
Concen: 1.008 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
95	100		
174	79.8	63.8	95.8
176	80.6	64.5	96.7

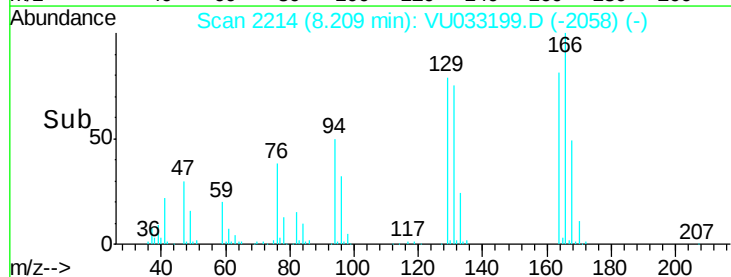
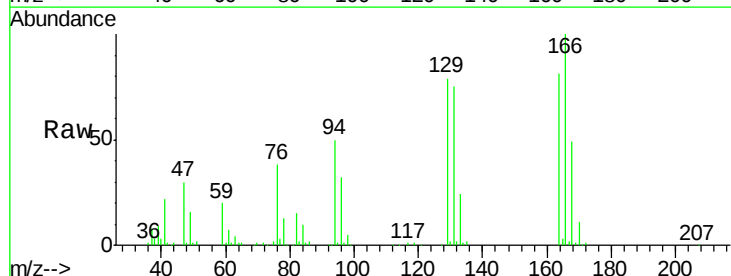
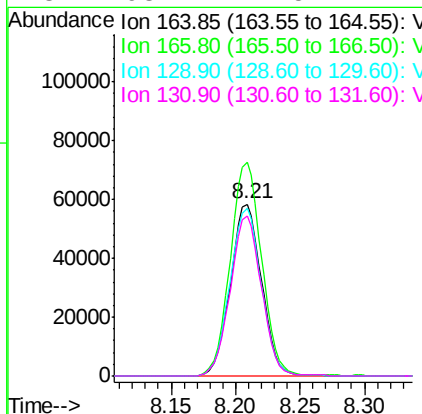
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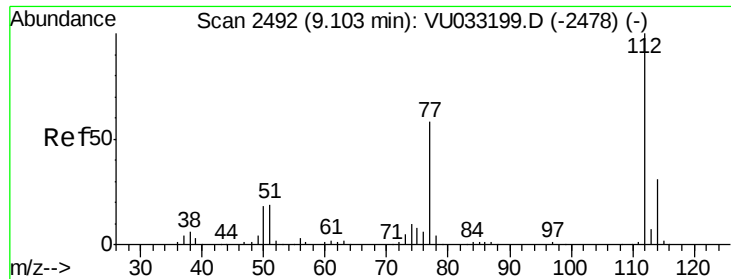
MMDadoda
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#58
Tetrachloroethene
Concen: 9.907 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	99.3	148.9
129	97.5	78.0	117.0
131	93.1	74.5	111.7





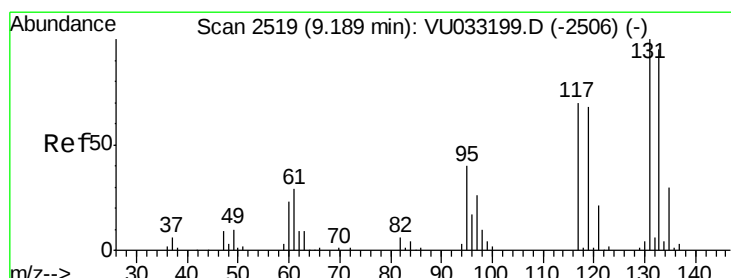
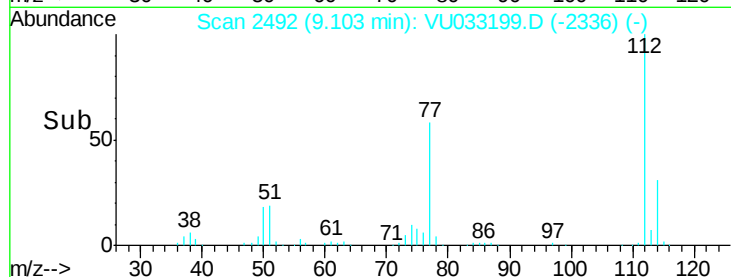
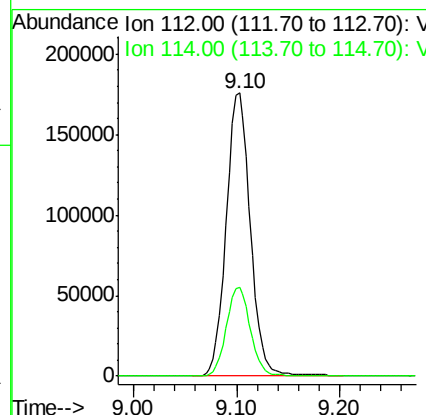
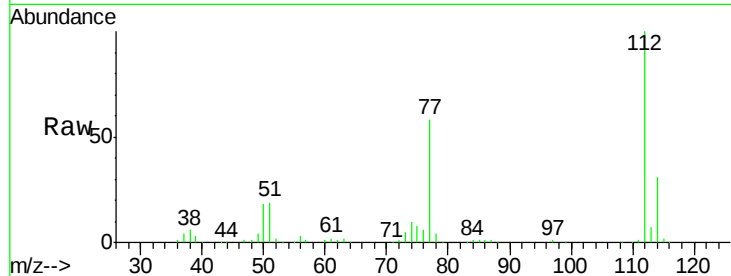
#59
Chlorobenzene
Concen: 10.480 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:112 Resp: 287008
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

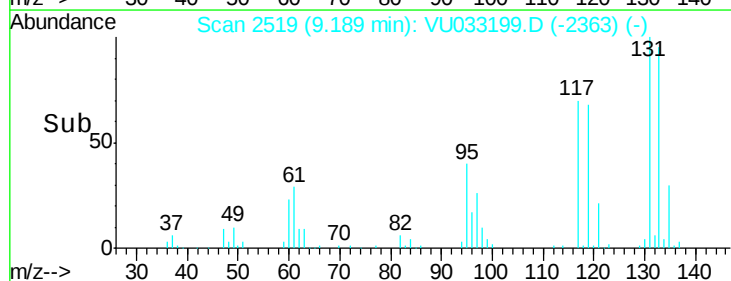
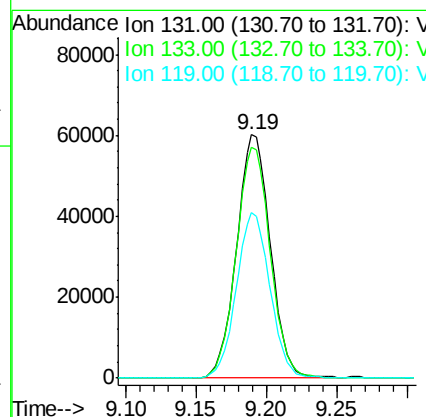
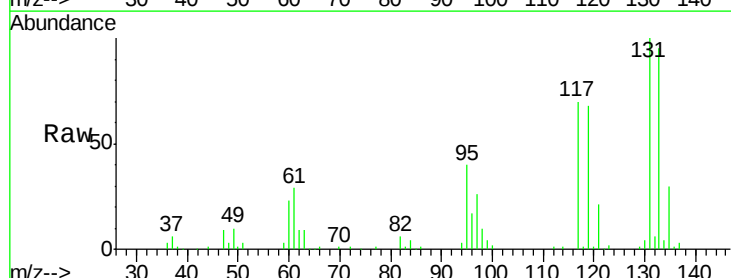
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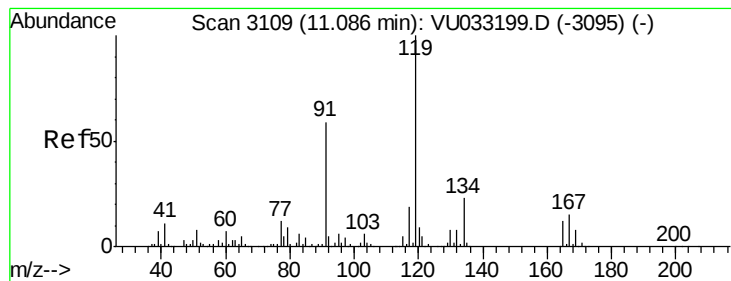
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.629 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion:131 Resp: 100954
Ion Ratio Lower Upper
131 100
133 95.9 76.7 115.1
119 67.7 54.2 81.2





#61

Pentachloroethane

Concen: 9.515 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:117 Resp: 81041

Ion Ratio Lower Upper

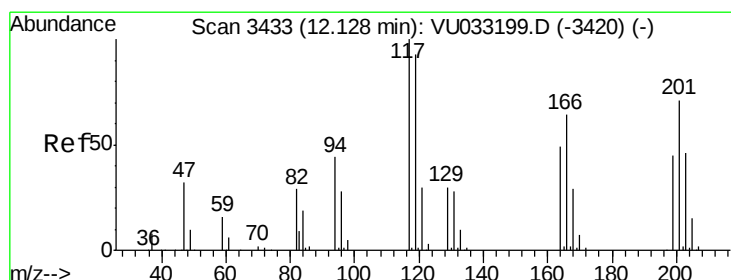
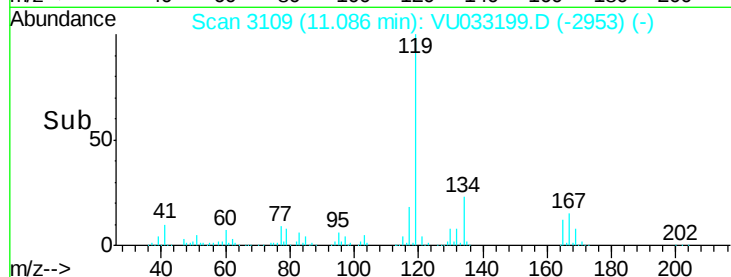
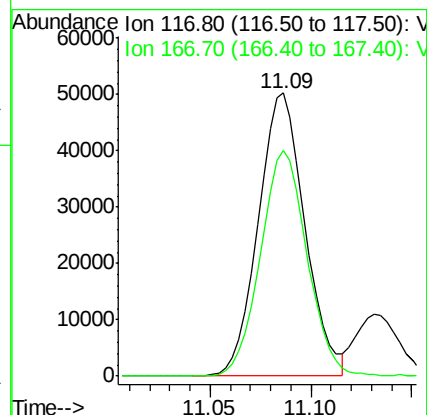
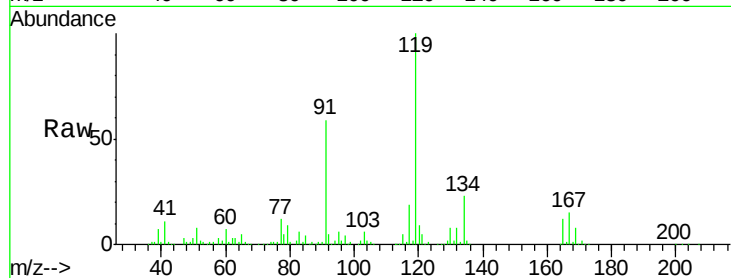
117 100

167 79.5 63.6 95.4

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#62

Hexachloroethane

Concen: 9.924 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. 0.00 min

Lab File: VU033199.D

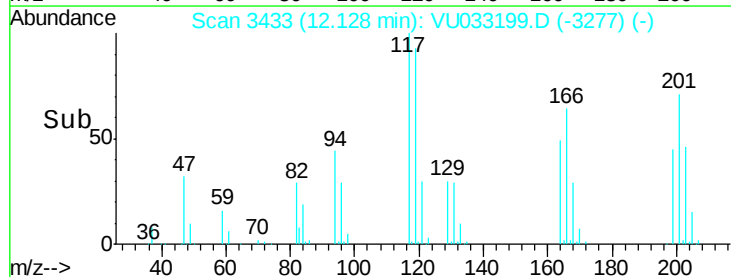
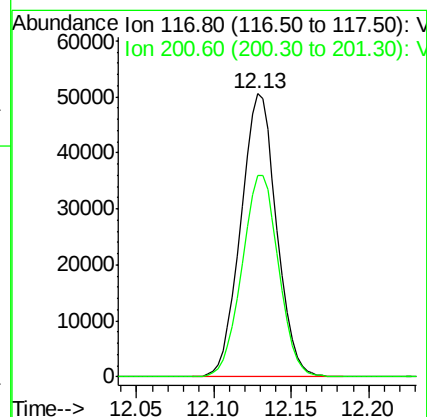
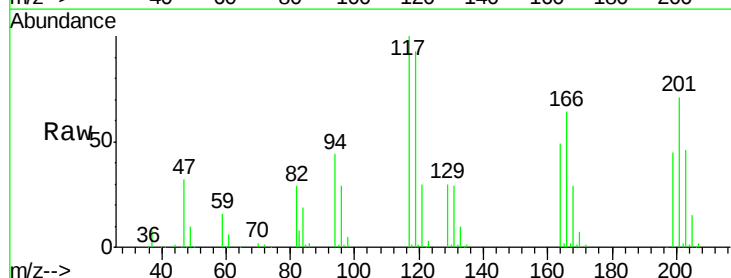
Acq: 11 Jul 2019 18:42

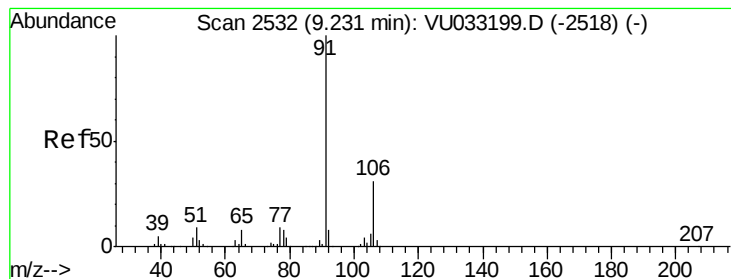
Tgt Ion:117 Resp: 81164

Ion Ratio Lower Upper

117 100

201 73.1 58.5 87.7





#63

Ethyl Benzene

Concen: 11.035 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 91 Resp: 497802

Ion Ratio Lower Upper

91 100

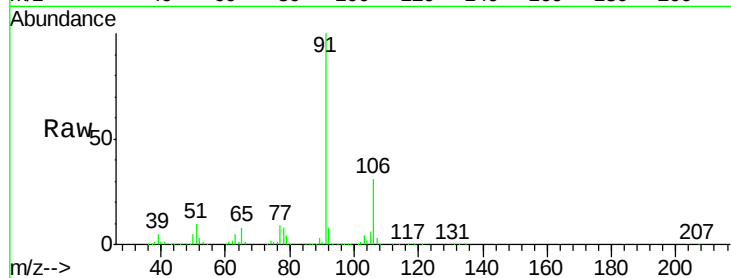
106 31.1 24.9 37.3

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Abundance Ion 91.00 (90.70 to 91.70): VU033199.D (-2518) (-)

Ion 106.00 (105.70 to 106.70): VU033199.D (-2518) (-)

500000

400000

300000

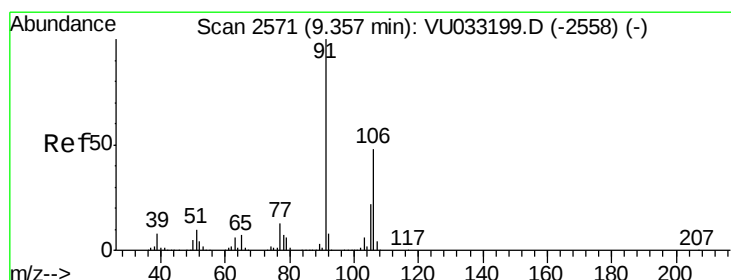
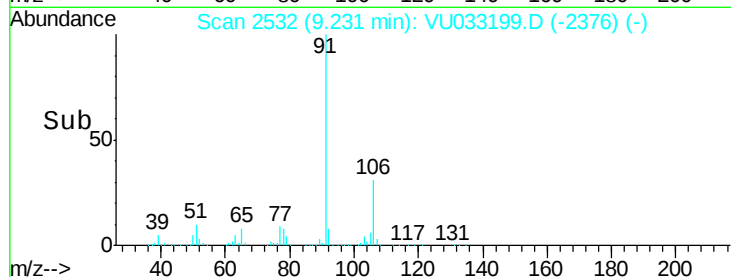
200000

100000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#64

m/p-Xylenes

Concen: 22.353 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033199.D

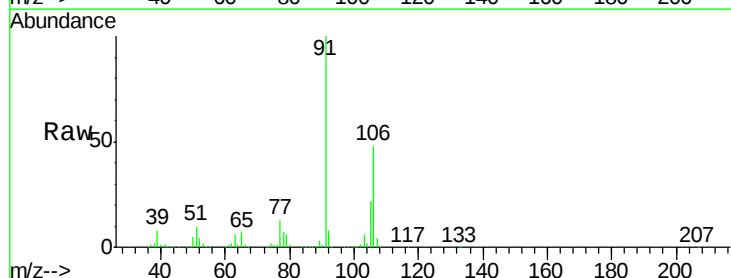
Acq: 11 Jul 2019 18:42

Tgt Ion: 106 Resp: 392919

Ion Ratio Lower Upper

106 100

91 206.0 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): VU033199.D (-2558) (-)

Ion 91.00 (90.70 to 91.70): VU033199.D (-2558) (-)

500000

400000

300000

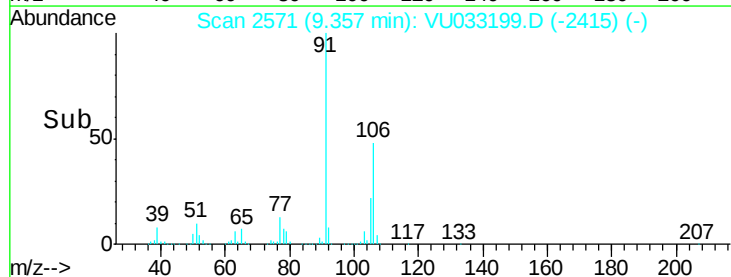
200000

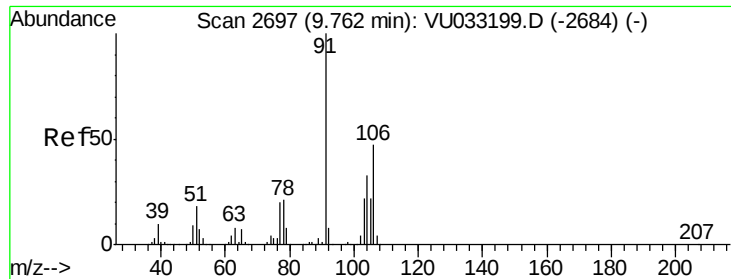
100000

0

9.30 9.40

Time-->





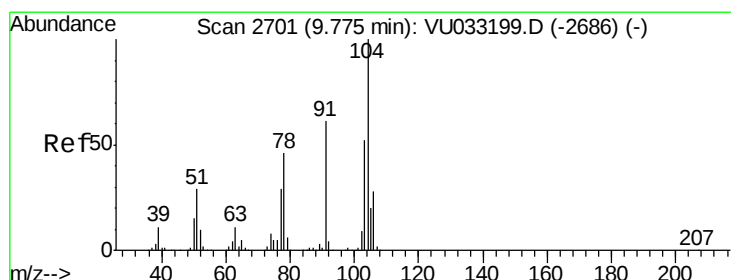
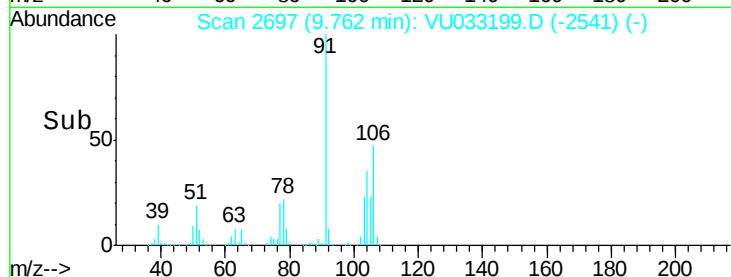
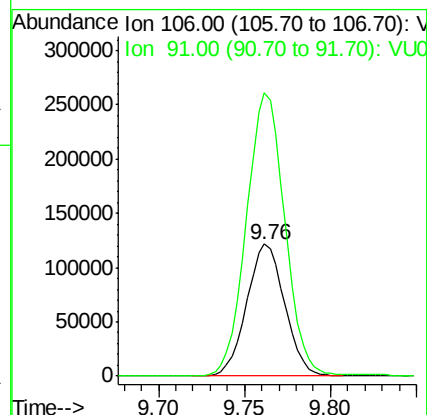
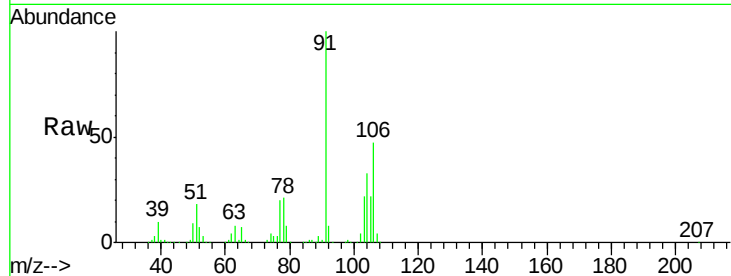
#65
o-Xylene
Concen: 11.071 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.2	108.6	325.8

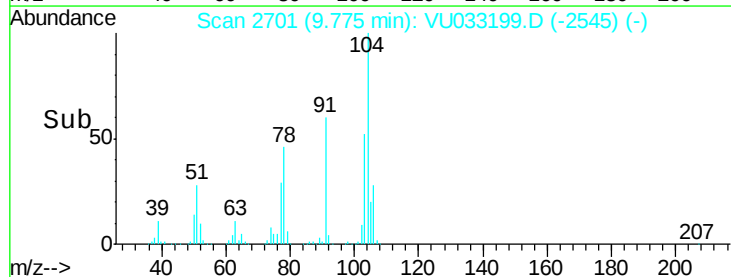
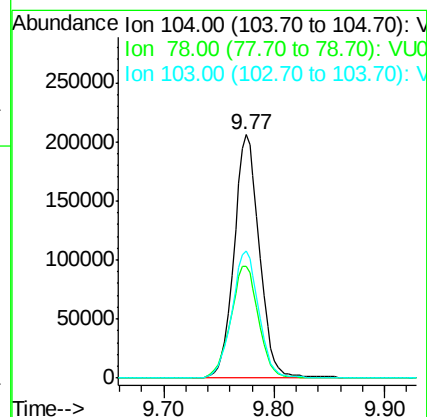
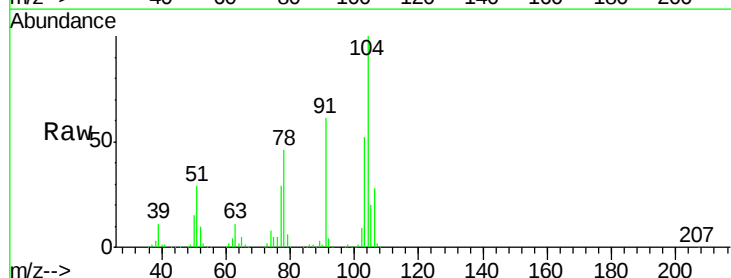
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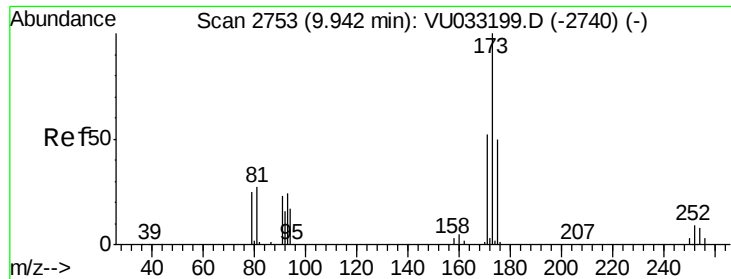
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#66
Styrene
Concen: 11.543 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	40.4	60.6
103	55.4	44.3	66.5





#67

Bromoform

Concen: 10.552 ug/l

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

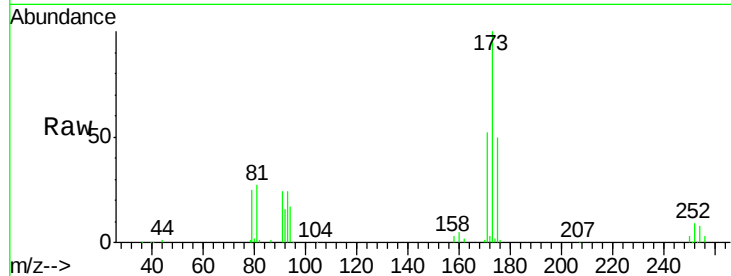
ClientSampleId :

VSTDICCC010

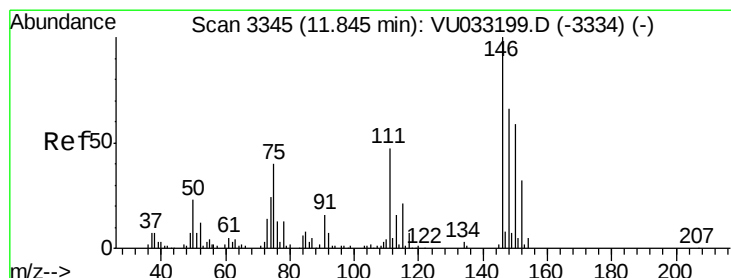
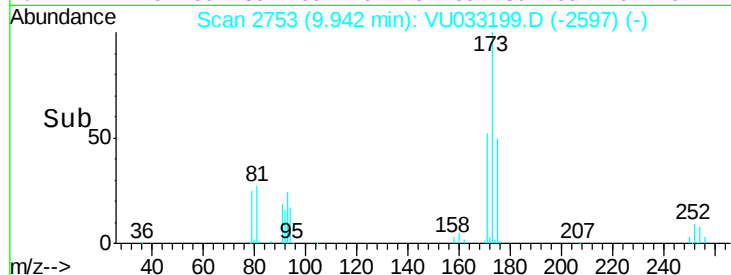
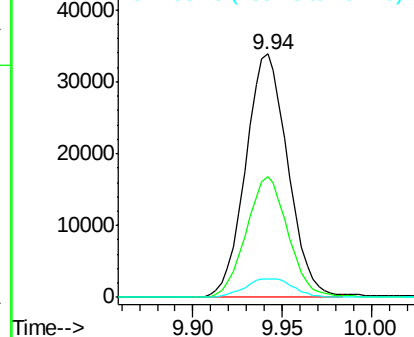
Tot Ion:	173	Resp:	56122
Ion Ratio	Lower	Upper	
173	100		
175	49.2	39.4	59.0
254	8.6	6.9	10.3

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.079 ug/l

RT: 11.85 min Scan# 3345

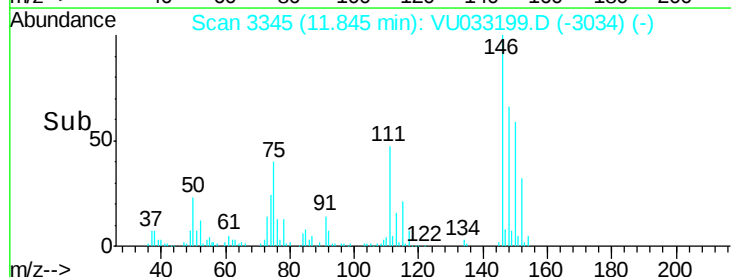
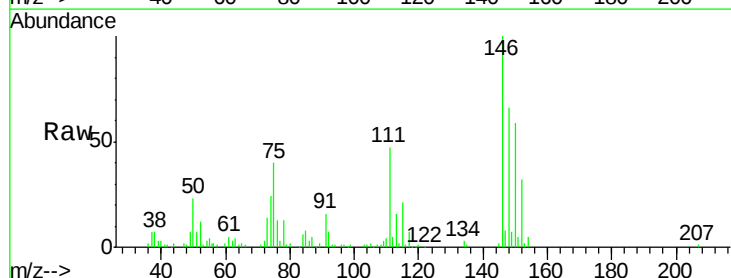
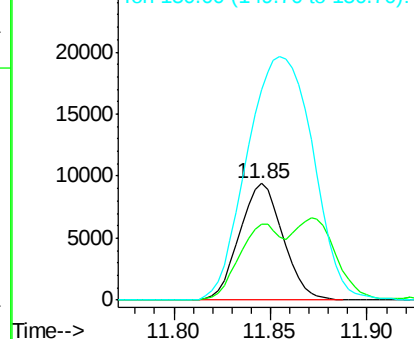
Delta R.T. 0.00 min

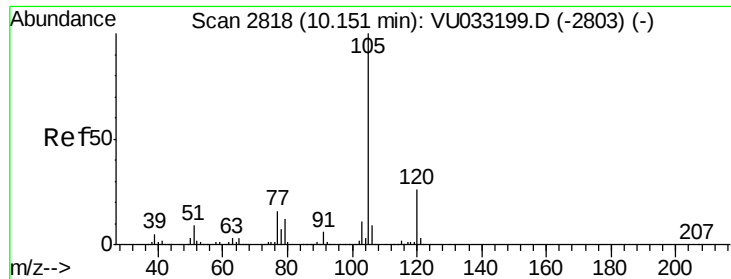
Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tgt Ion:	152	Resp:	14704
Ion Ratio	Lower	Upper	
152	100		
115	65.5	0.0	131.0
150	317.2	0.0	634.4

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: 11.179 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 105 Resp: 492761

Ion Ratio Lower Upper

105 100

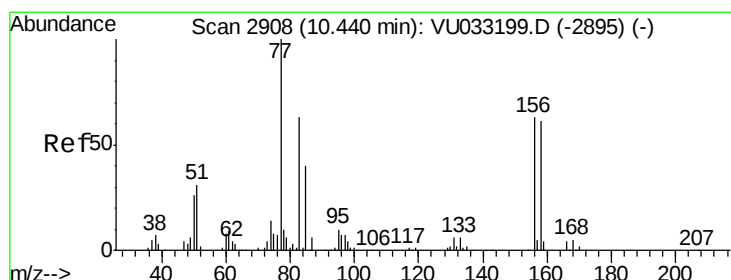
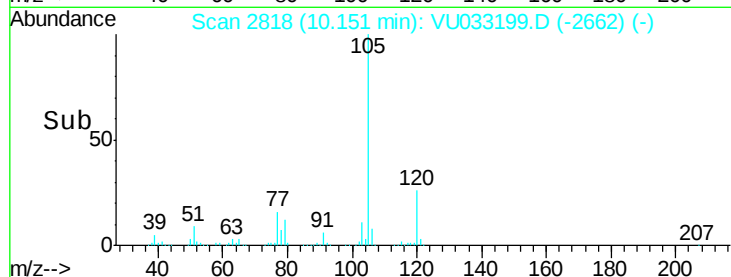
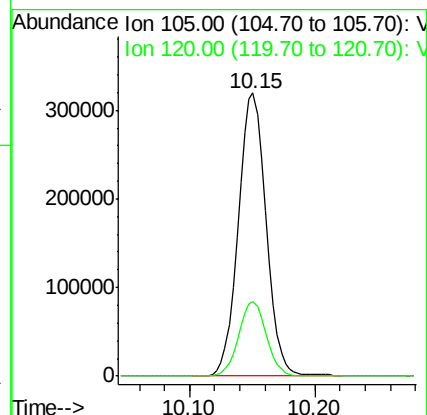
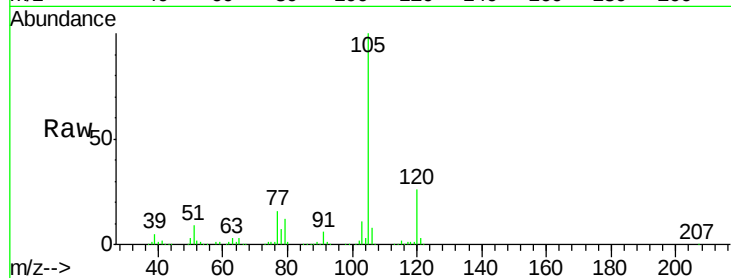
120 26.4 13.2 39.6

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#70

1,1,2,2-Tetrachloroethane

Concen: 10.205 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

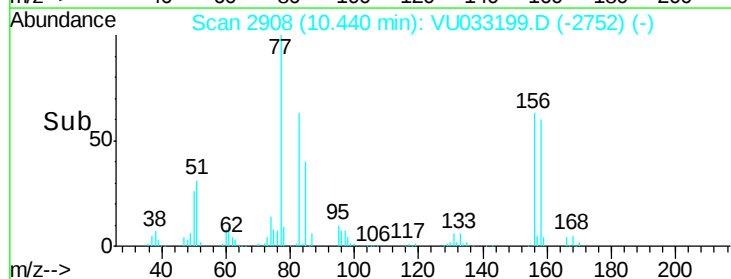
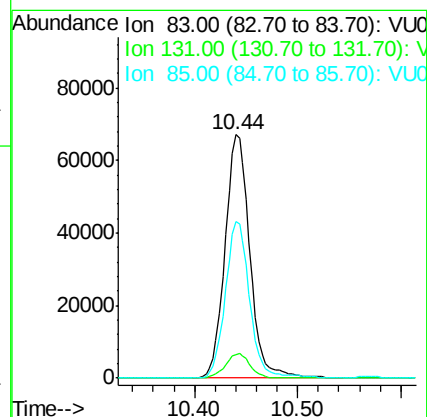
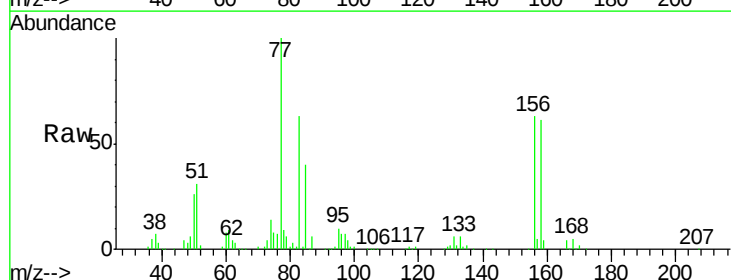
Tgt Ion: 83 Resp: 112286

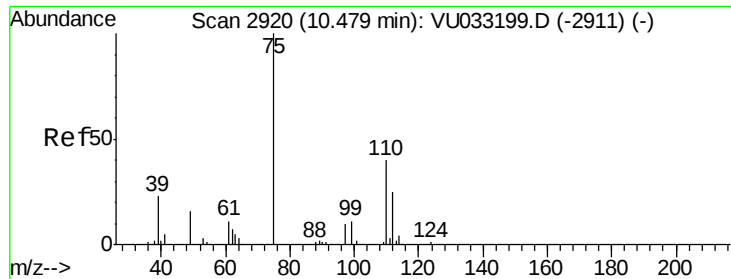
Ion Ratio Lower Upper

83 100

131 10.0 8.0 12.0

85 63.3 50.6 76.0





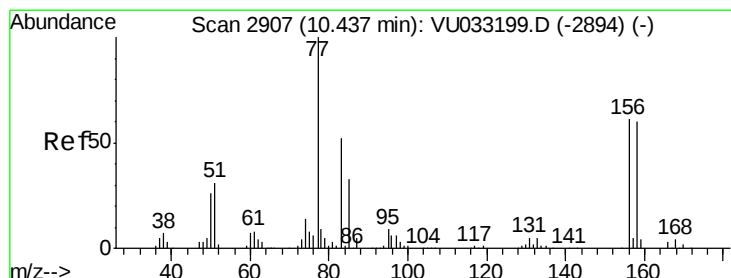
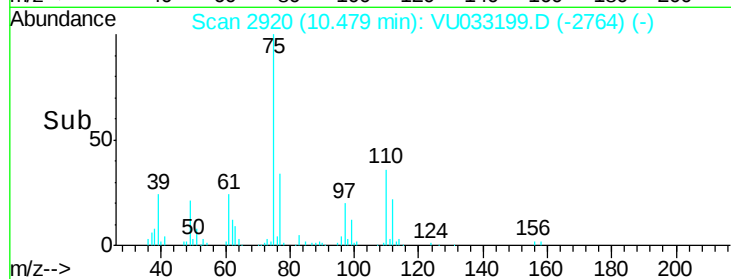
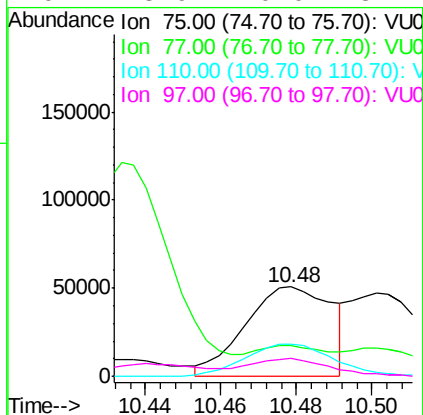
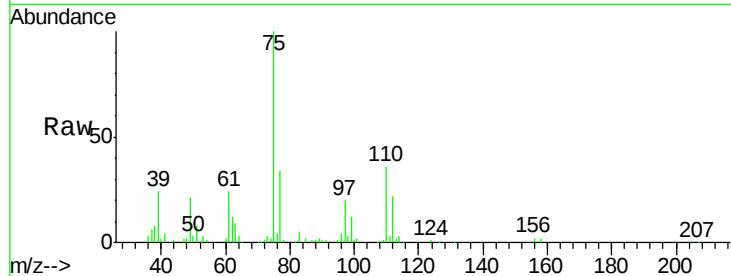
#71
1,2,3-Trichloropropane
Concen: 10.300 ug/l m
RT: 10.48 min Scan# 2920
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	7.8	0.0	15.4
110	36.6	0.0	72.2
97	18.9	0.0	37.2

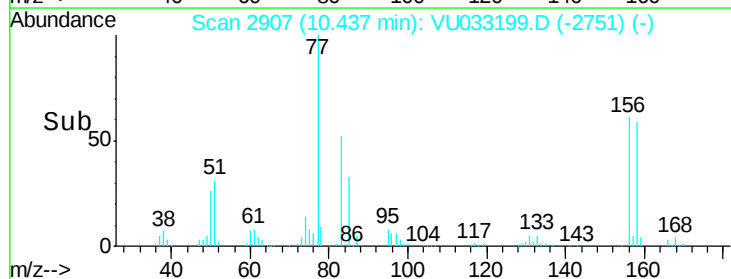
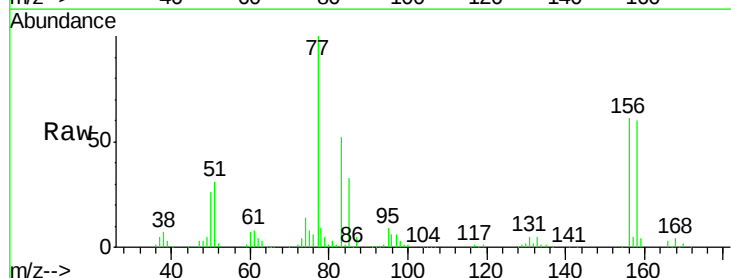
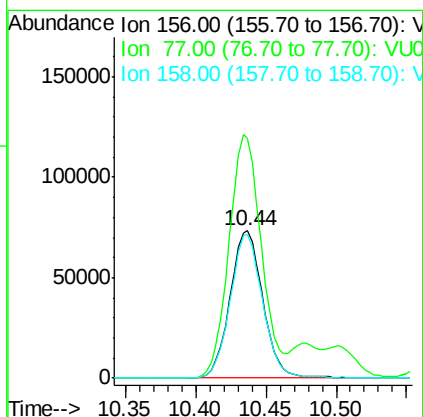
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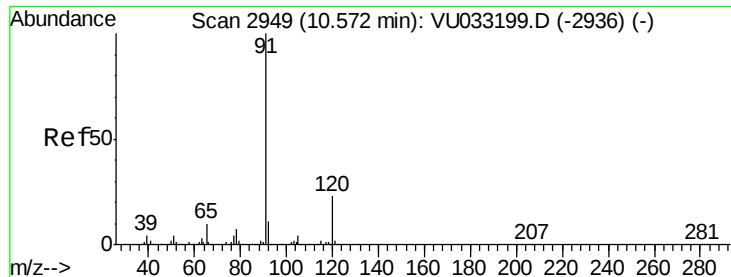
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#72
Bromobenzene
Concen: 10.606 ug/l
RT: 10.44 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
156	100		
77	163.0	0.0	326.0
158	96.6	0.0	193.2





#73

n-propylbenzene

Concen: 11.657 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:120 Resp: 142885

Ion Ratio Lower Upper

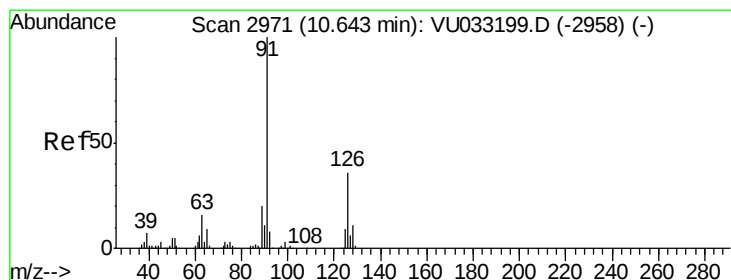
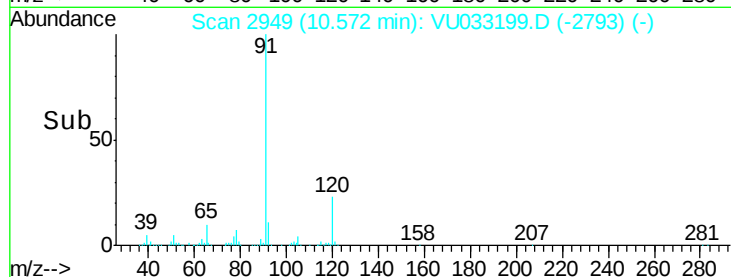
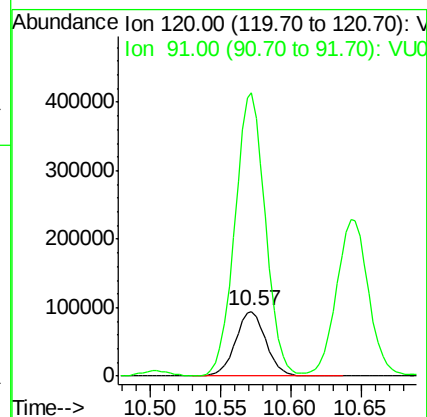
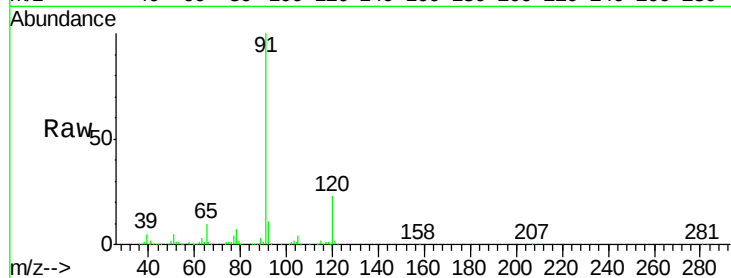
120 100

91 436.2 349.0 523.4

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#74

2-Chlorotoluene

Concen: 10.976 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033199.D

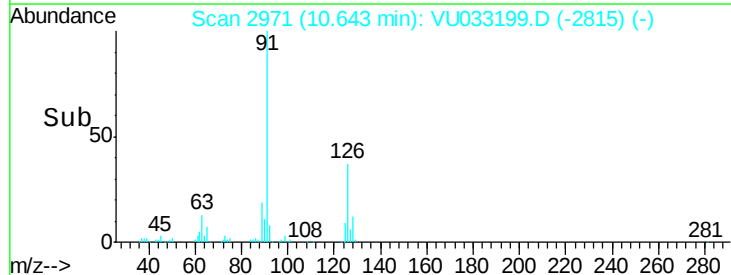
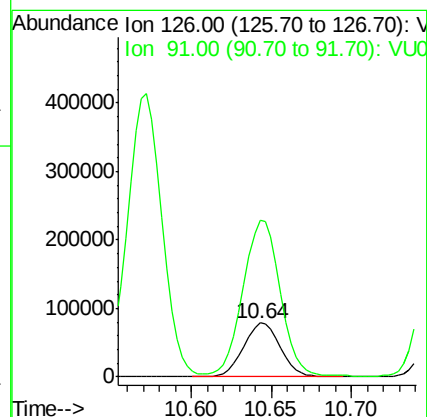
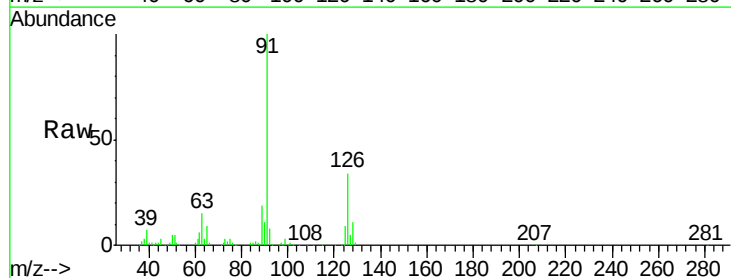
Acq: 11 Jul 2019 18:42

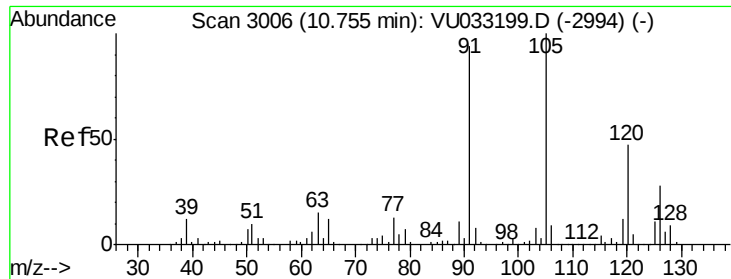
Tgt Ion:126 Resp: 123013

Ion Ratio Lower Upper

126 100

91 296.1 0.0 592.2





#75

1,3,5-Trimethylbenzene

Concen: 11.370 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 443962

Ion Ratio Lower Upper

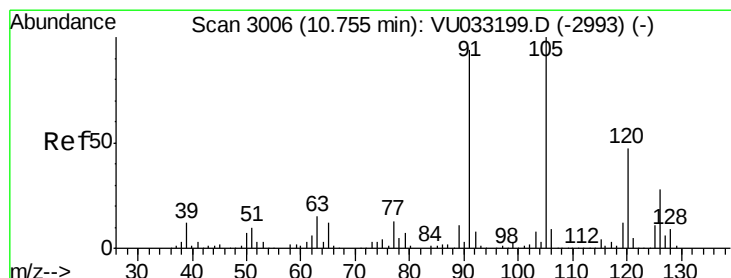
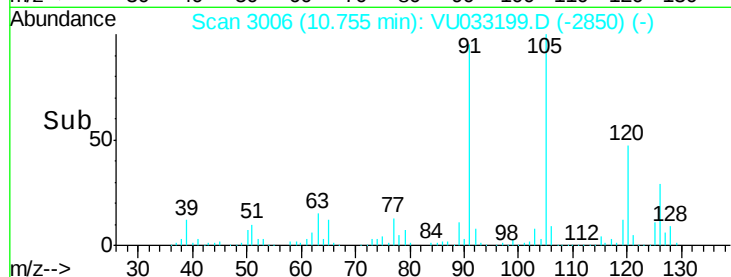
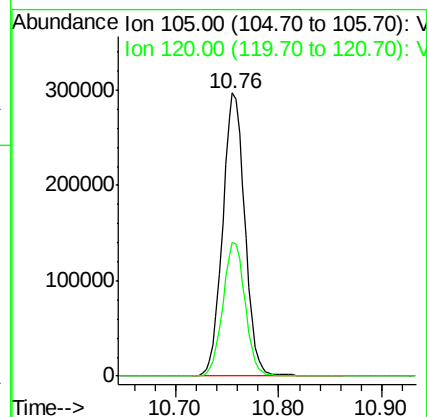
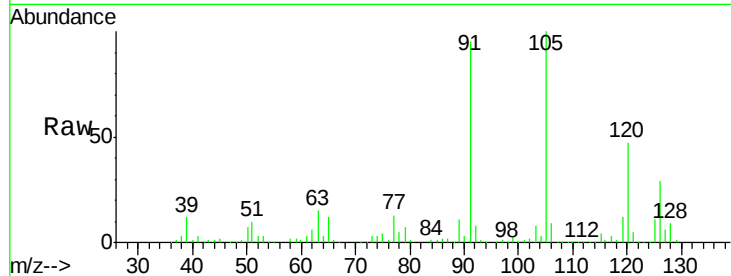
105 100

120 47.3 37.8 56.8

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#76

4-Chlorotoluene

Concen: 11.149 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033199.D

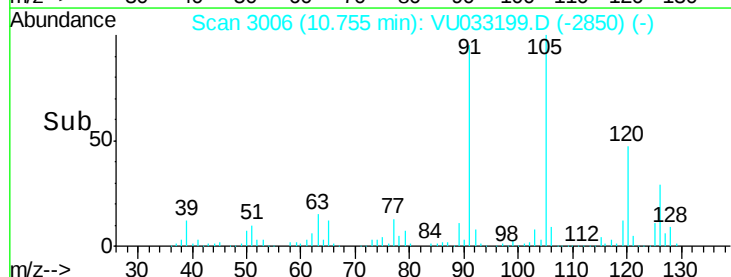
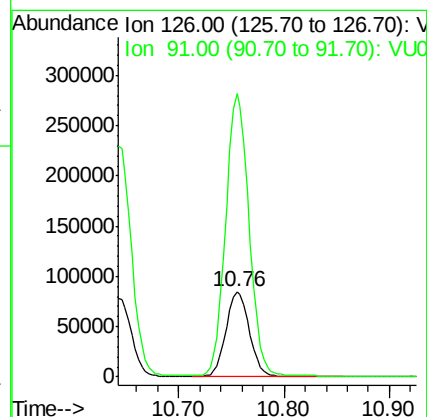
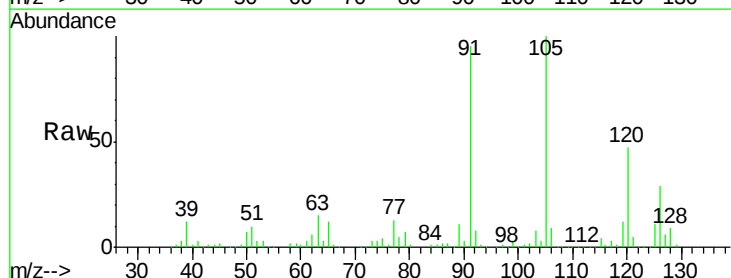
Acq: 11 Jul 2019 18:42

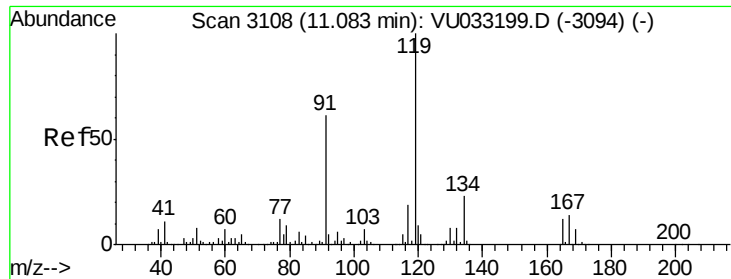
Tgt Ion:126 Resp: 130959

Ion Ratio Lower Upper

126 100

91 331.7 0.0 663.4





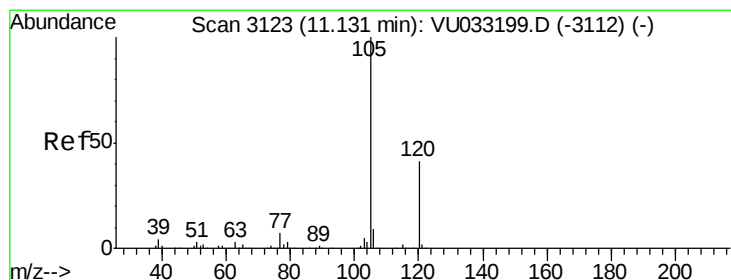
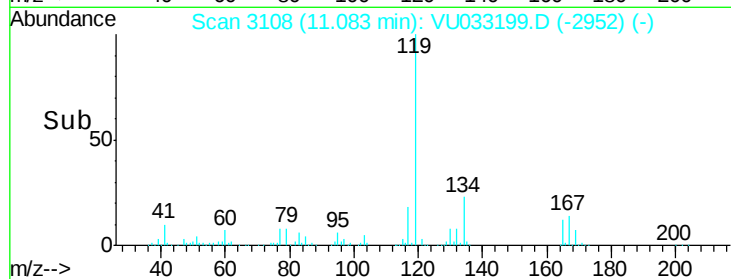
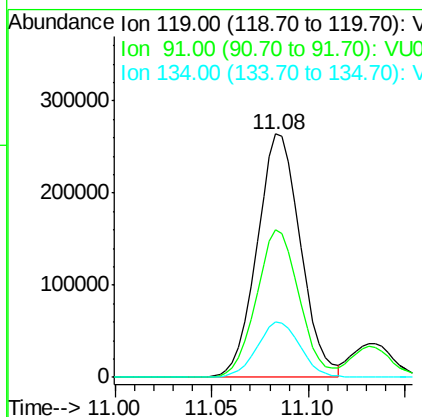
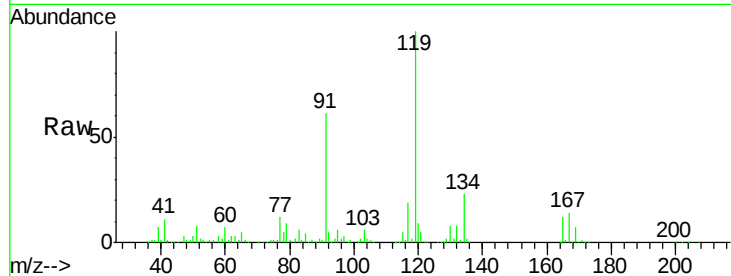
#77
 tert-Butylbenzene
 Concen: 11.058 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.7	29.8	89.5
134	22.8	18.2	27.4

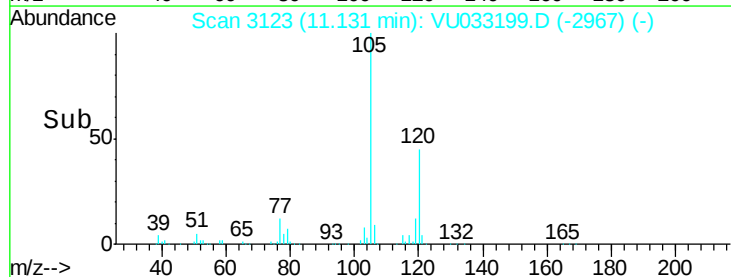
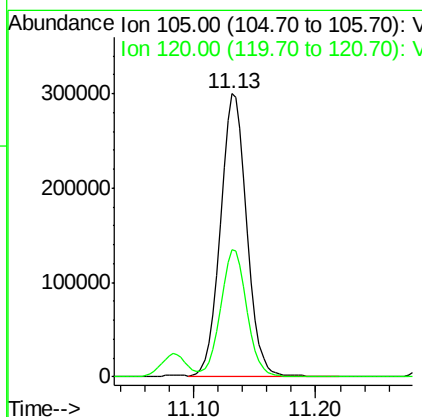
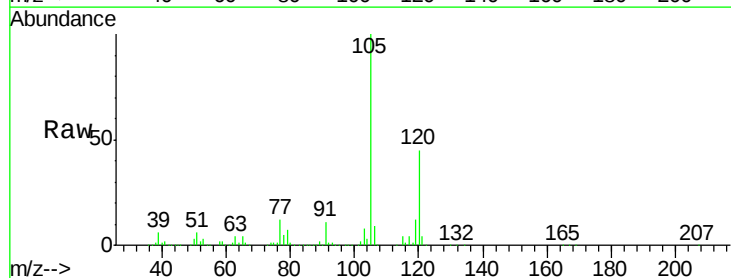
Manual Integrations
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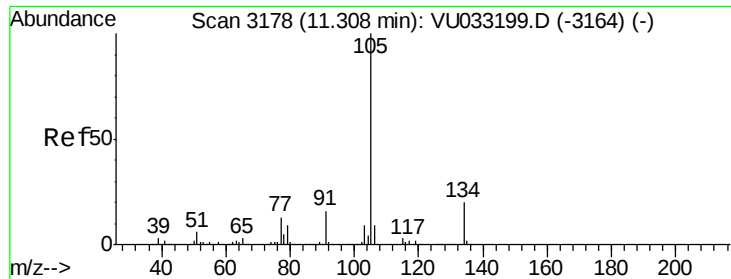
MMDadoda
 7/16/2019 4:03:23 PM



#78
 1,2,4-Trimethylbenzene
 Concen: 11.531 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





#79

sec-Butylbenzene

Concen: 11.075 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 105 Resp: 563599

Ion Ratio Lower Upper

105 100

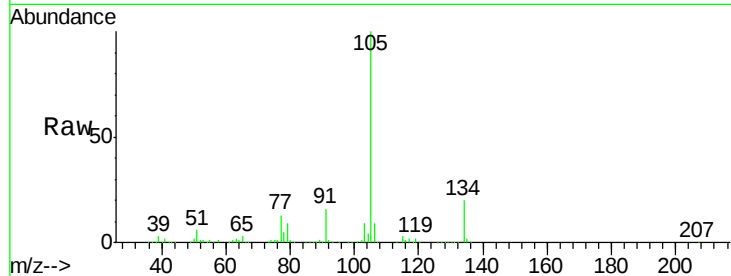
134 19.8 15.8 23.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.31

400000

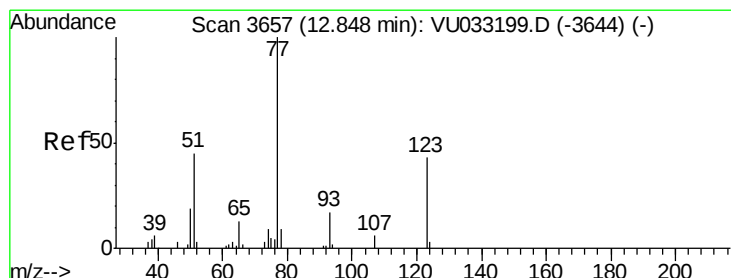
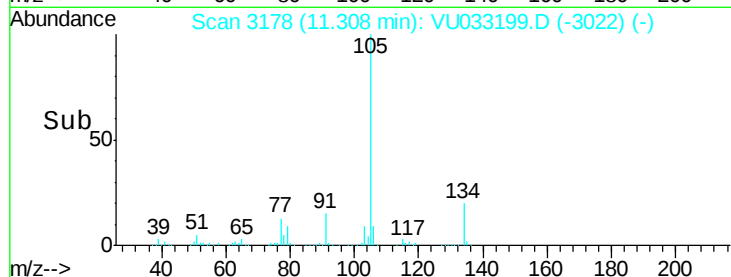
300000

200000

100000

0

Time-->



#80

Nitrobenzene

Concen: 74.449 ug/l

RT: 12.85 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

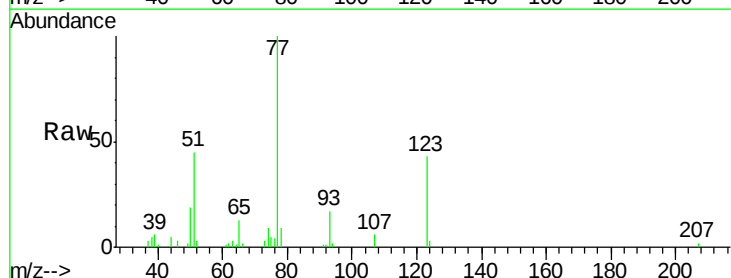
Tgt Ion: 77 Resp: 20267

Ion Ratio Lower Upper

77 100

123 47.5 20.9 74.1

65 12.2 10.7 13.7



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

12.85

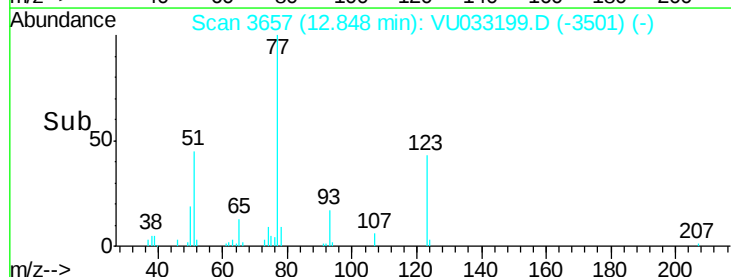
15000

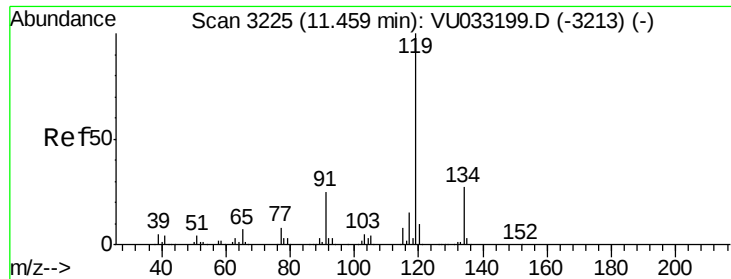
10000

5000

0

Time-->





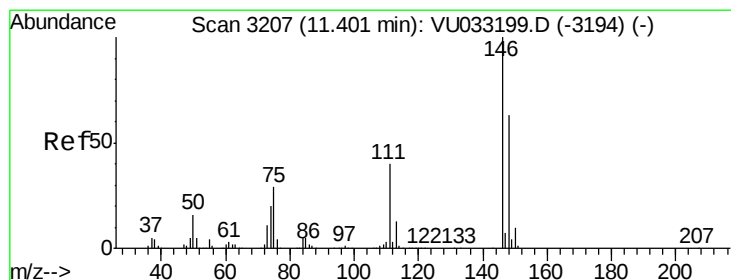
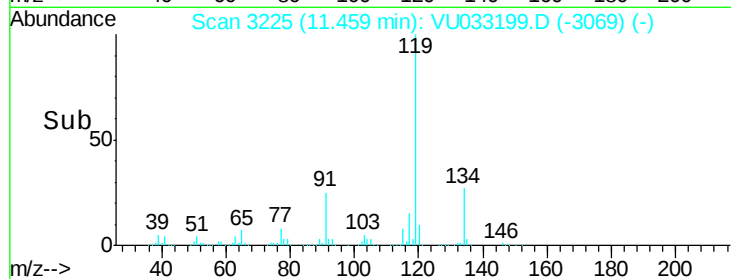
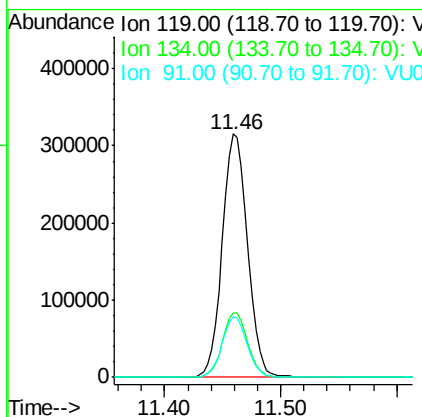
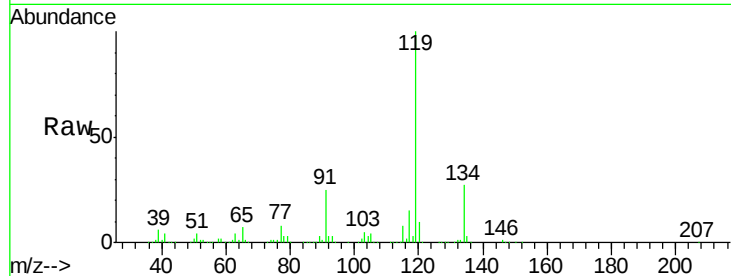
#81
 p-Isopropyltoluene
 Concen: 11.574 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.1	31.7
91	24.6	19.7	29.5

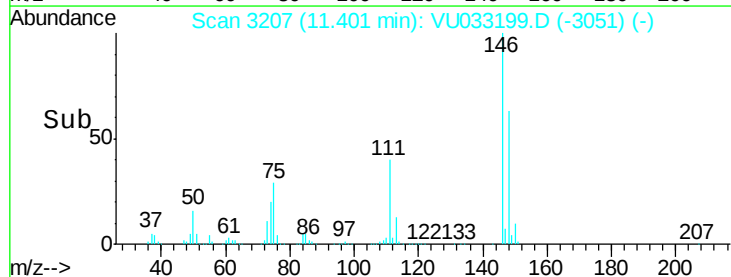
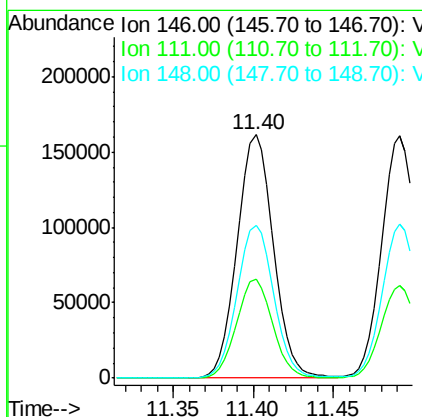
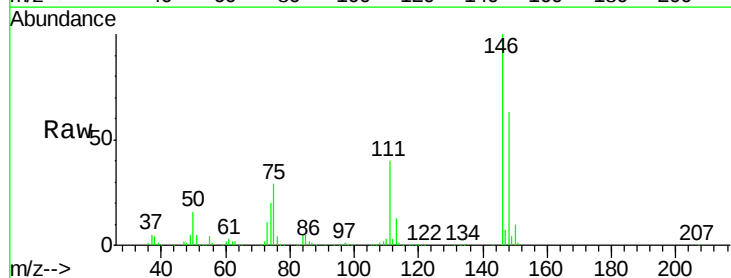
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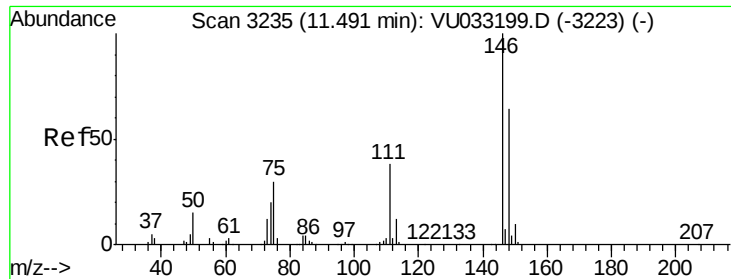
MMDadoda
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#82
 1,3-Dichlorobenzene
 Concen: 10.578 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	32.2	48.4
148	63.5	50.8	76.2





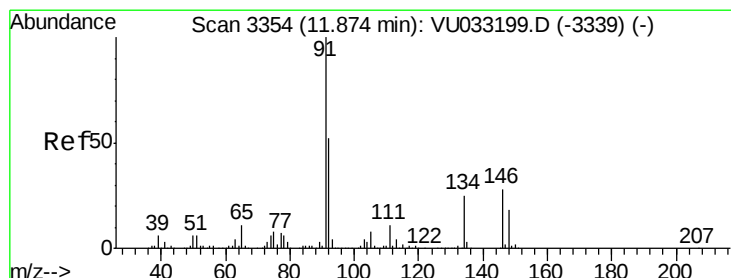
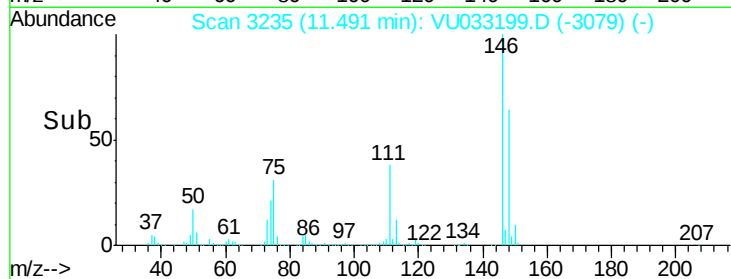
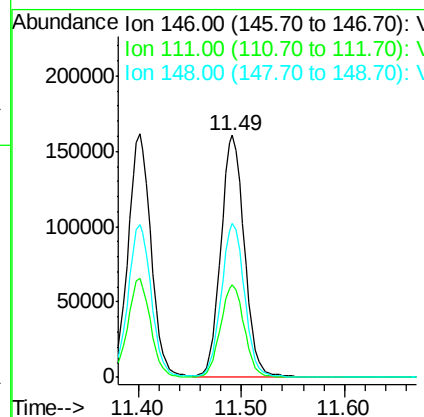
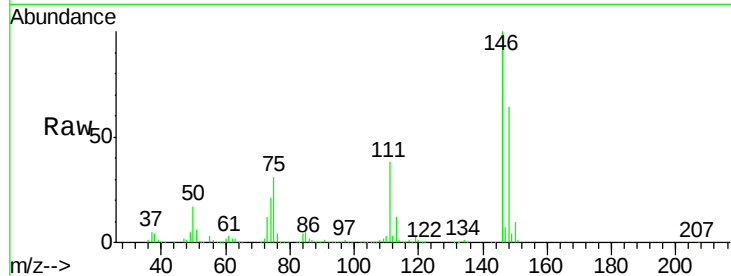
#83
 1,4-Dichlorobenzene
 Concen: 10.922 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.8	46.2
148	63.3	50.6	76.0

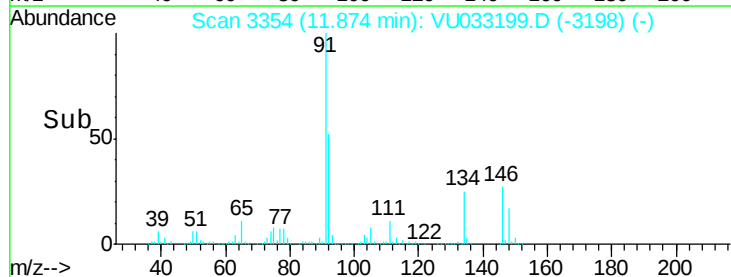
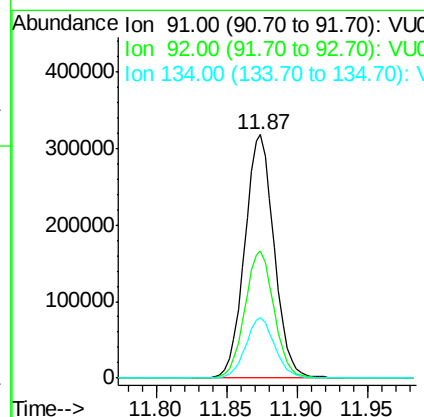
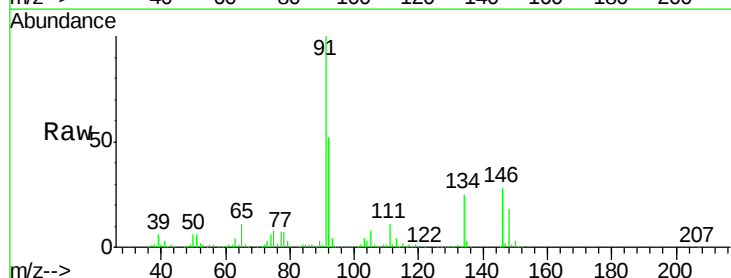
Manual Integrations
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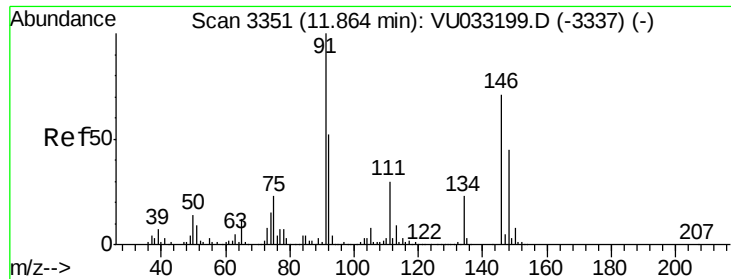
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#84
 n-Butylbenzene
 Concen: 11.617 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	41.5	62.3
134	24.5	19.6	29.4





#85

1,2-Dichlorobenzene

Concen: 10.712 ug/l

RT: 11.86 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Instrument :

MSVOA_U

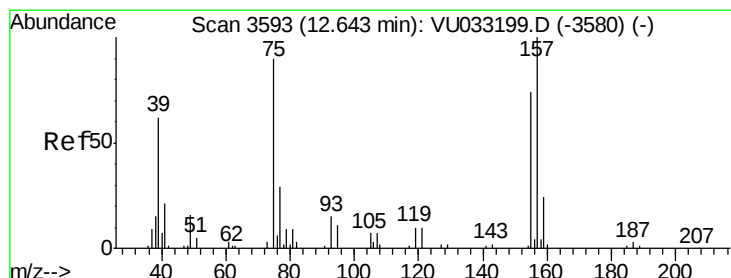
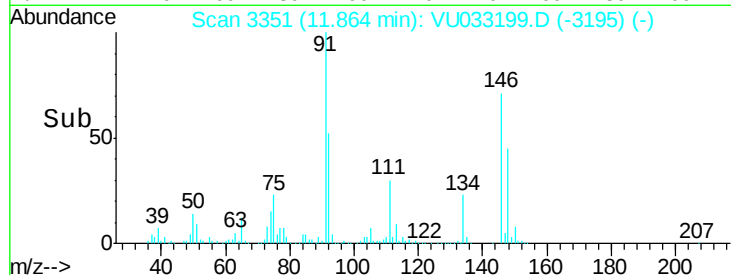
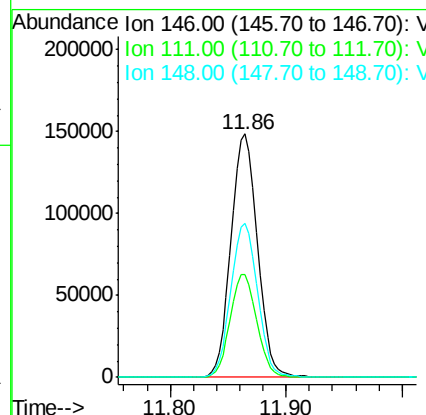
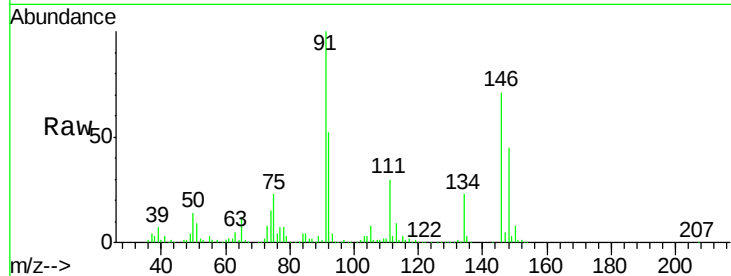
ClientSampleId :

VSTDICCC010

Tot Ion:	146	Resp:	234466
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.3	63.7
148	64.0	32.0	96.0

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#86

1,2-Dibromo-3-Chloropropane

Concen: 11.289 ug/l

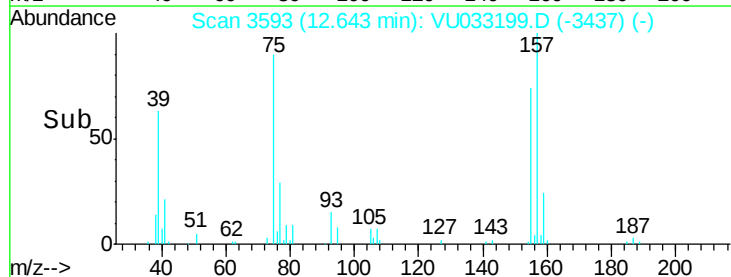
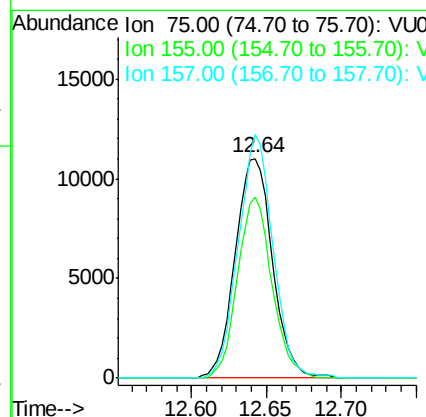
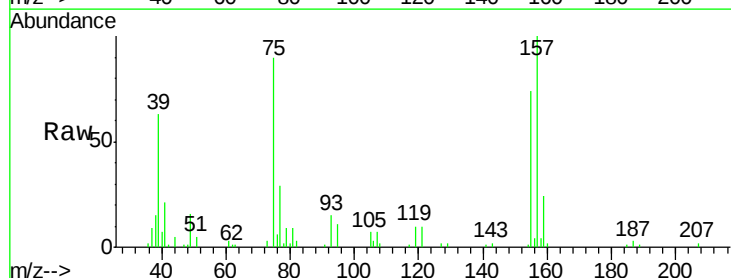
RT: 12.64 min Scan# 3593

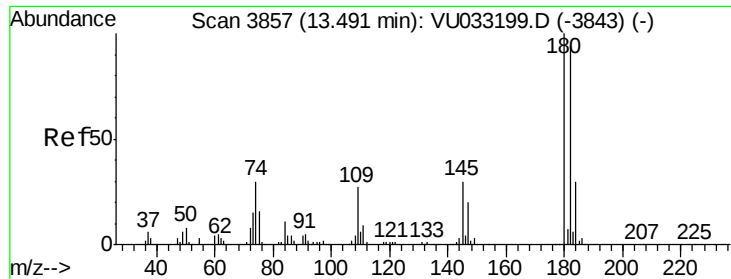
Delta R.T. 0.00 min

Lab File: VU033199.D

Acq: 11 Jul 2019 18:42

Tgt Ion:	75	Resp:	19178
Ion Ratio	Lower	Upper	
75	100		
155	75.7	60.6	90.8
157	103.1	82.5	123.7





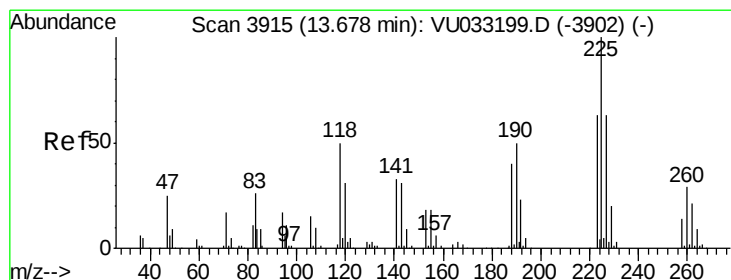
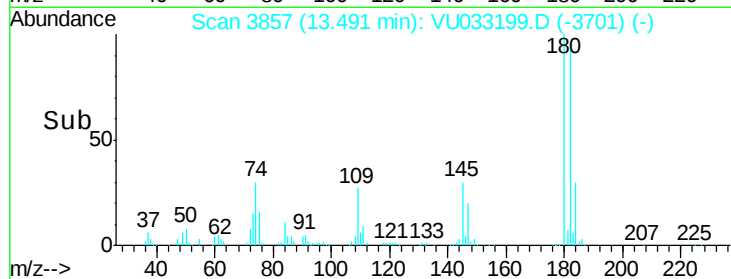
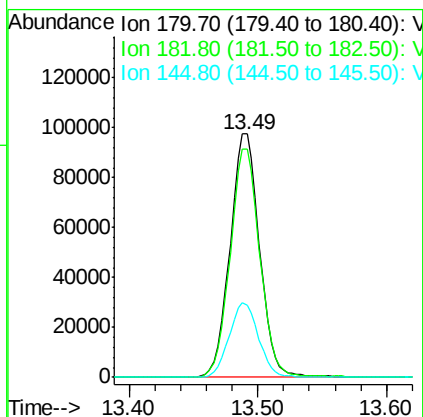
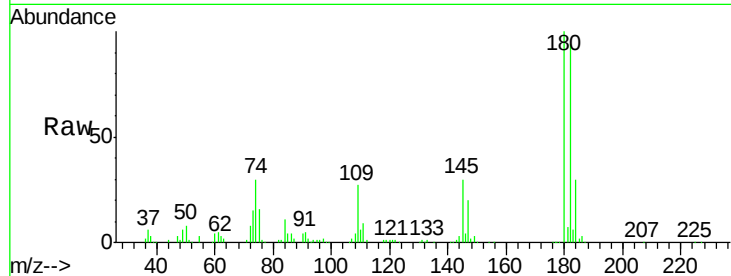
#87
 1,2,4-Trichlorobenzene
 Concen: 12.867 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.2
145	30.6	24.5	36.7

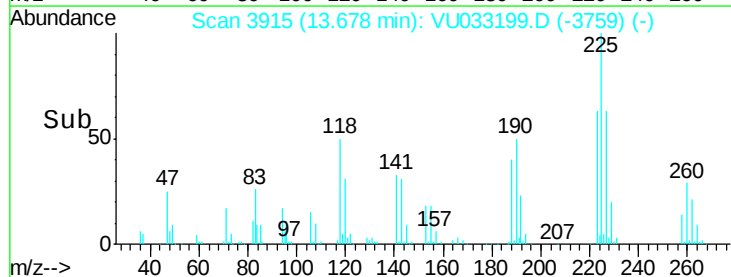
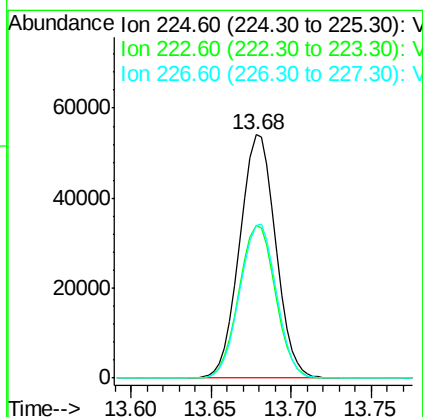
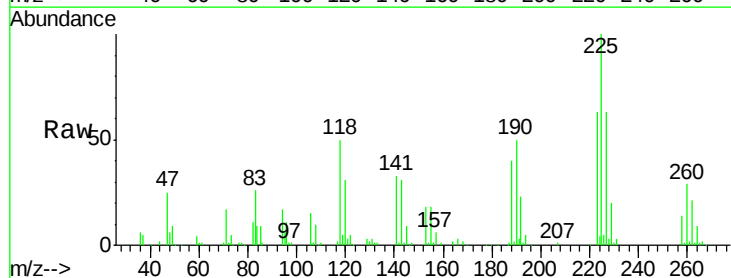
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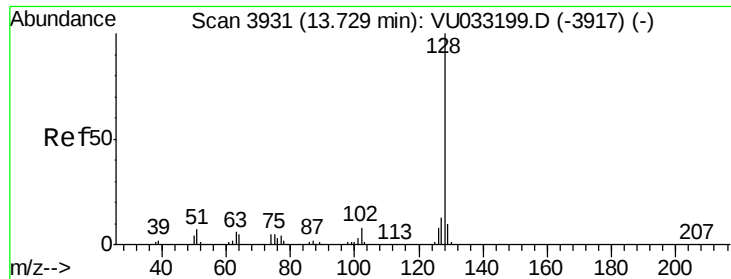
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#88
 Hexachlorobutadiene
 Concen: 10.591 ug/l
 RT: 13.68 min Scan# 3915
 Delta R.T. 0.00 min
 Lab File: VU033199.D
 Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.1	76.7
227	64.0	51.2	76.8





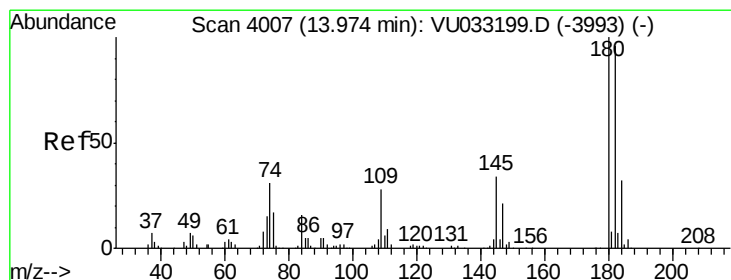
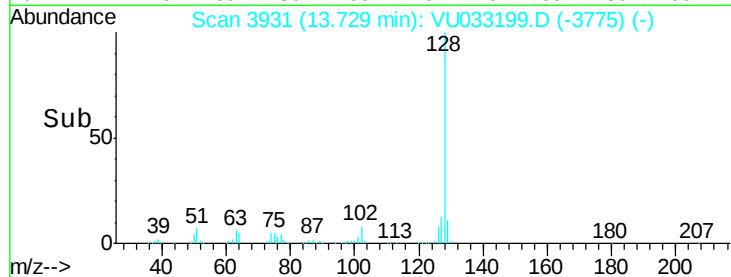
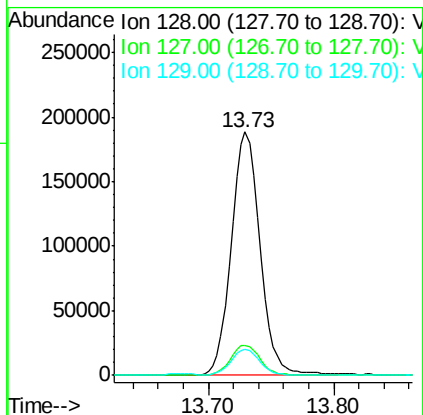
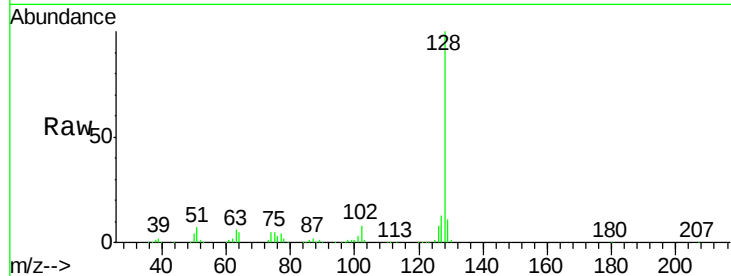
#89
Naphthalene
Concen: 14.862 ug/l
RT: 13.73 min Scan# 3931
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	12.8

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 12.611 ug/l
RT: 13.97 min Scan# 4007
Delta R.T. 0.00 min
Lab File: VU033199.D
Acq: 11 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	33.3	26.6	40.0

