

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034185.D
 Acq On : 01 Sep 2019 21:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:43:59 AM

Quant Time: Sep 02 09:00:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	393020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	632358	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	613828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339677	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	248075	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	4.86	113	213644	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	7.55	98	833672	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	10.29	95	316803	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	187985	47.559	ug/l	99
3) Chloromethane	1.32	50	233002	43.884	ug/l	100
4) Vinyl Chloride	1.40	62	246059	46.772	ug/l	99
5) Bromomethane	1.61	94	123999	48.831	ug/l	98
6) Chloroethane	1.69	64	150706	46.858	ug/l	99
7) Trichlorofluoromethane	1.87	101	292850	48.042	ug/l	99
8) Diethyl Ether	2.09	74	130940	50.213	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	187996	48.683	ug/l	98
10) Methyl Iodide	2.40	142	137060	25.020	ug/l	99
11) Tert butyl alcohol	2.81	59	263688	227.061	ug/l	99
12) 1,1-Dichloroethene	2.27	96	192807	49.004	ug/l	100
13) Acrolein	2.18	56	89683	183.576	ug/l	100
14) Allyl chloride	2.58	41	359175m	48.553	ug/l	
15) Acrylonitrile	2.92	53	681063	255.573	ug/l	100
16) Acetone	2.31	43	550506	214.242	ug/l	99
17) Carbon Disulfide	2.47	76	538818	43.270	ug/l	99
18) Methyl Acetate	2.60	43	322733	48.603	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	673606	52.252	ug/l	99
20) Methylene Chloride	2.69	84	237179	48.758	ug/l	96
21) trans-1,2-Dichloroethene	2.97	96	209775	49.126	ug/l	99
22) Diisopropyl ether	3.55	45	716247	52.839	ug/l	98
23) Vinyl Acetate	3.50	43	3012909	258.740	ug/l	100
24) 1,1-Dichloroethane	3.42	63	408582	51.054	ug/l	100
25) 2-Butanone	4.23	43	891562	249.393	ug/l	99
26) 2,2-Dichloropropane	4.20	77	274260	42.116	ug/l	97
27) cis-1,2-Dichloroethene	4.20	96	242751	50.649	ug/l	98
28) Bromochloromethane	4.52	49	201920	51.211	ug/l	99
29) Tetrahydrofuran	4.61	42	574919	260.775	ug/l	99
30) Chloroform	4.65	83	393543	49.286	ug/l	99
31) Cyclohexane	4.97	56	343460	45.673	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	329206	50.340	ug/l	99
36) 1,1-Dichloropropene	5.12	75	284455	47.557	ug/l	100
37) Ethyl Acetate	4.36	43	325965	48.666	ug/l	100
38) Carbon Tetrachloride	5.11	117	278008	48.152	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	323529	45.892	ug/l	98
40) Benzene	5.37	78	885054	48.907	ug/l	99
41) Methacrylonitrile	4.52	41	179060	52.127	ug/l	99
42) 1,2-Dichloroethane	5.38	62	303365	48.546	ug/l	99
43) Isopropyl Acetate	5.53	43	505986	49.655	ug/l	100
44) Trichloroethene	6.17	130	237476	49.972	ug/l	97
45) 1,2-Dichloropropane	6.41	63	251538	50.494	ug/l	99
46) Dibromomethane	6.54	93	158500	49.386	ug/l	99
47) Bromodichloromethane	6.74	83	313005	49.848	ug/l	99
48) Methyl methacrylate	6.60	41	246616	50.154	ug/l	98
49) 1,4-Dioxane	6.59	88	107686	874.053	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	1716713	243.946	ug/l	99
52) Toluene	7.62	92	562474	50.455	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	328086	47.089	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	372135	48.889	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	233768	49.575	ug/l	100
56) Ethyl methacrylate	8.00	69	353496	45.288	ug/l	100
57) 1,3-Dichloropropane	8.22	76	395453	49.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	618343	237.028	ug/l	100
59) 2-Hexanone	8.34	43	1304599	245.572	ug/l	100
60) Dibromochloromethane	8.46	129	247145	48.826	ug/l	100
61) 1,2-Dibromoethane	8.57	107	237128	47.738	ug/l	99
64) Tetrachloroethene	8.21	164	212270	51.494	ug/l	99
65) Chlorobenzene	9.10	112	618836	48.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	219031	47.818	ug/l	99
67) Ethyl Benzene	9.23	91	1068164	49.884	ug/l	99
68) m/p-Xylenes	9.36	106	834223	102.459	ug/l	99
69) o-Xylene	9.76	106	399007	51.080	ug/l	100
70) Styrene	9.77	104	712037	53.163	ug/l	99
71) Bromoform	9.94	173	185490	46.609	ug/l #	100
73) Isopropylbenzene	10.15	105	1072092	46.989	ug/l	100
74) N-amyl acetate	9.99	43	458173	47.745	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	389751	44.631	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	339793m	44.384	ug/l	
77) Bromobenzene	10.43	156	281396	45.848	ug/l	98
78) n-propylbenzene	10.57	91	1260240	47.429	ug/l	100
79) 2-Chlorotoluene	10.64	91	745592	46.782	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	926836	47.928	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	76268m	33.545	ug/l	
82) 4-Chlorotoluene	10.75	91	866889	47.295	ug/l	100
83) tert-Butylbenzene	11.08	119	871885	45.800	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	935397	48.713	ug/l	99
85) sec-Butylbenzene	11.30	105	1063480	46.610	ug/l	100
86) p-Isopropyltoluene	11.46	119	973514	47.176	ug/l	100
87) 1,3-Dichlorobenzene	11.39	146	510003	46.937	ug/l	100
88) 1,4-Dichlorobenzene	11.48	146	513199	46.702	ug/l	99
89) n-Butylbenzene	11.87	91	867735	47.695	ug/l	100
90) Hexachloroethane	12.12	117	138336	38.774	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	499630	48.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	77607	44.608	ug/l	99

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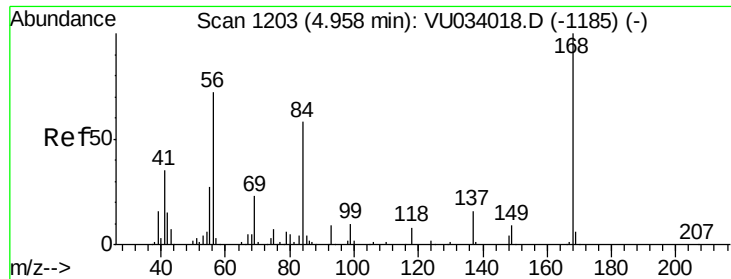
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	343216	46.440	ug/l	99
94) Hexachlorobutadiene	13.67	225	152223	37.385	ug/l	98
95) Naphthalene	13.72	128	988390	46.739	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	337898	50.678	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 393020

Ion Ratio Lower Upper

168 100

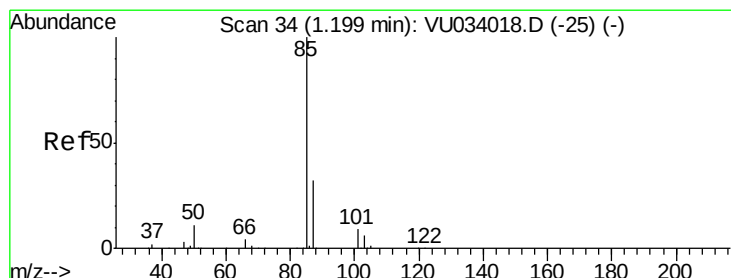
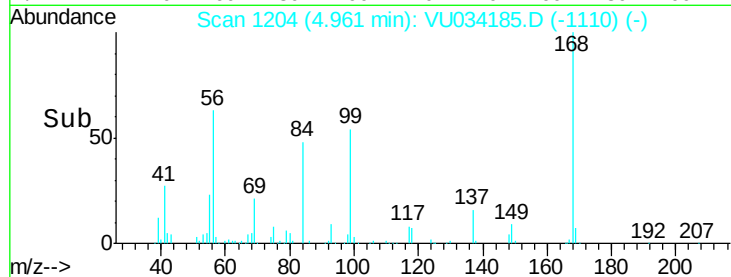
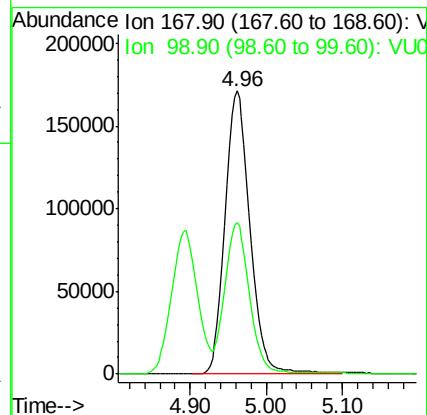
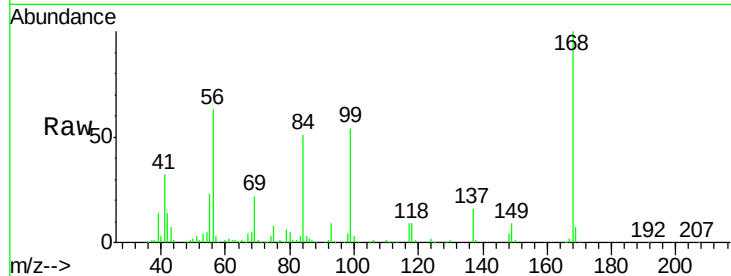
99 53.2 42.3 63.5

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#2

Dichlorodifluoromethane

Concen: 47.559 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034185.D

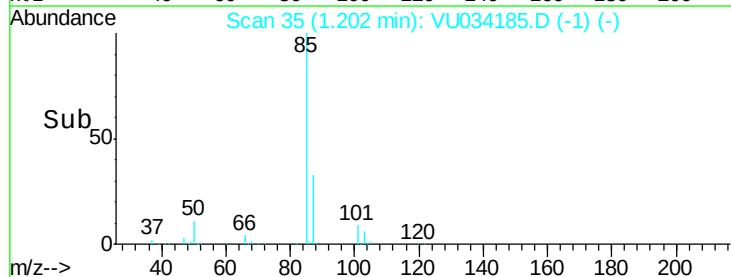
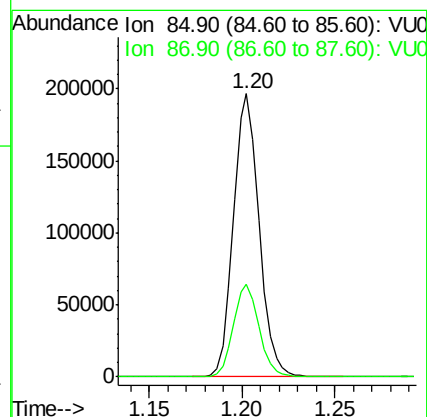
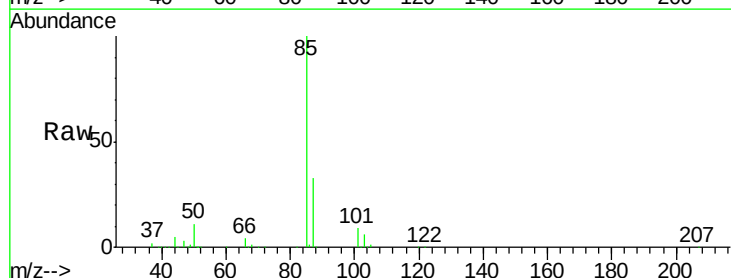
Acq: 01 Sep 2019 21:31

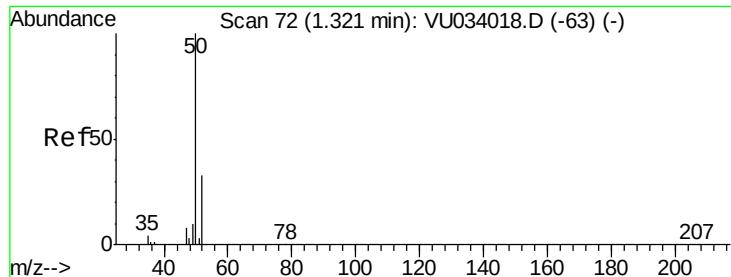
Tgt Ion: 85 Resp: 187985

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3





#3

Chloromethane

Concen: 43.884 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 233002

Ion Ratio Lower Upper

50 100

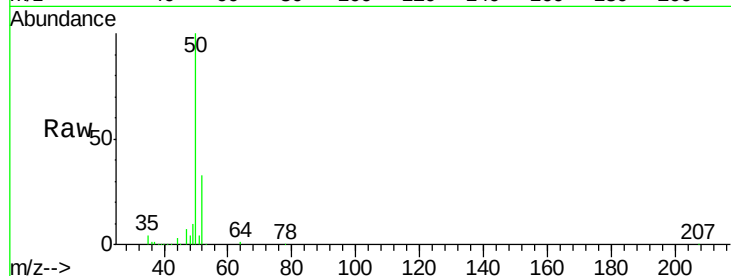
52 32.8 26.2 39.4

Manual Integrations

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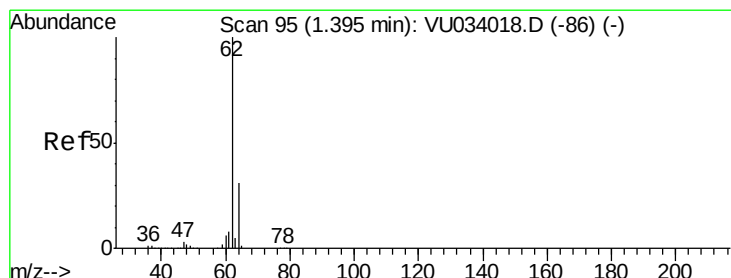
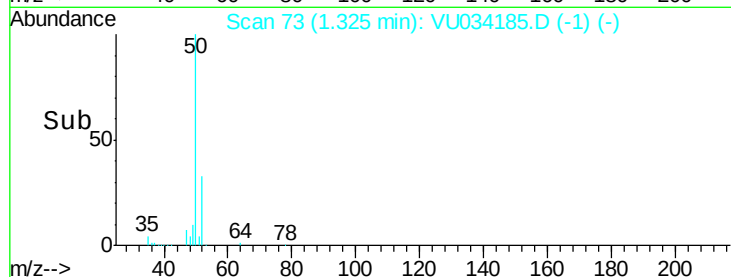
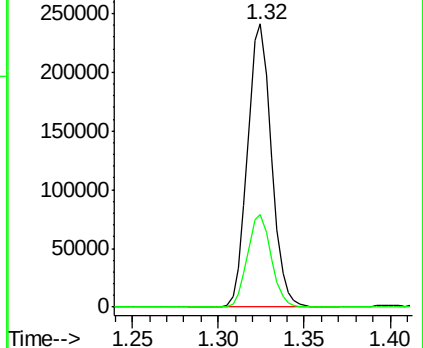
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 46.772 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034185.D

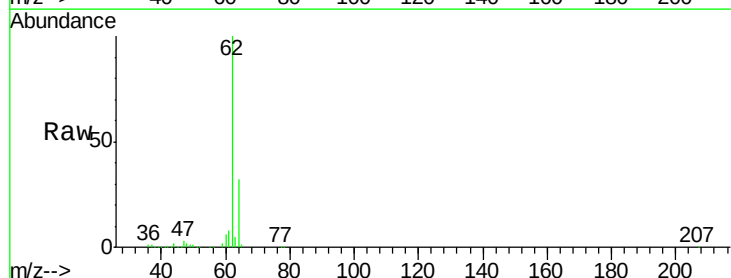
Acq: 01 Sep 2019 21:31

Tgt Ion: 62 Resp: 246059

Ion Ratio Lower Upper

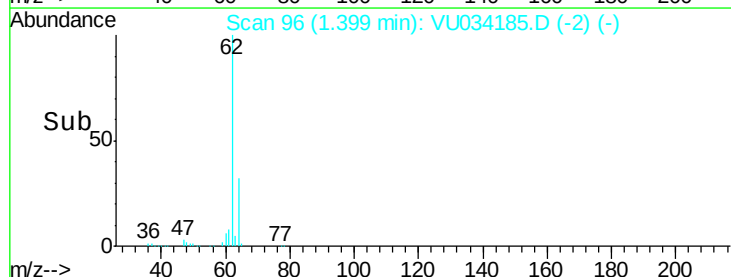
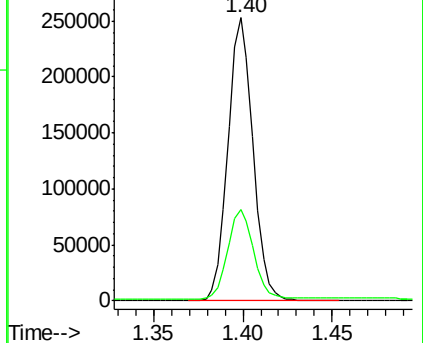
62 100

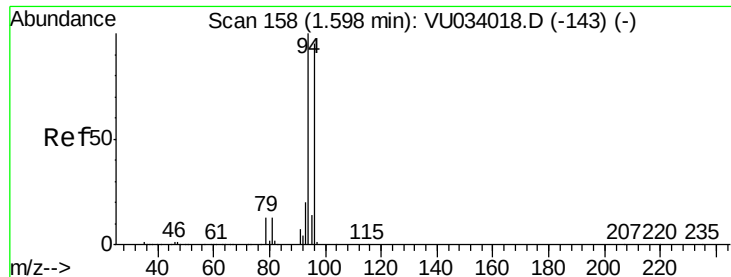
64 31.7 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 48.831 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 123999

Ion Ratio Lower Upper

94 100

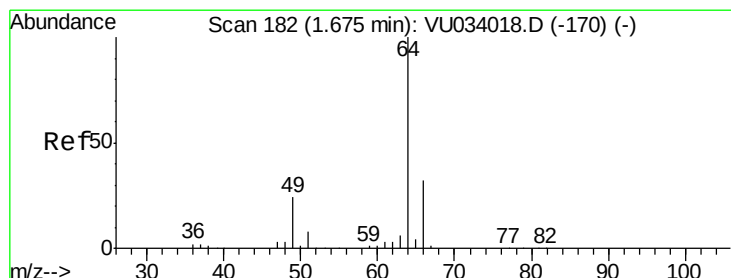
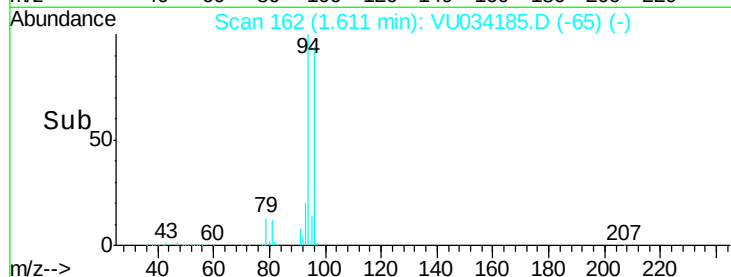
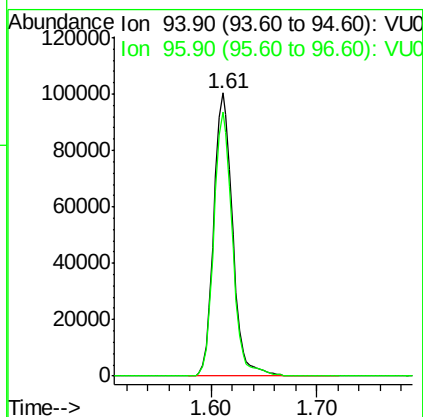
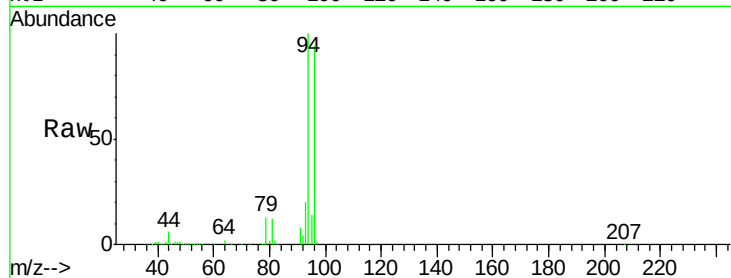
96 93.5 76.3 114.5

Manual Integrations

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#6

Chloroethane

Concen: 46.858 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.01 min

Lab File: VU034185.D

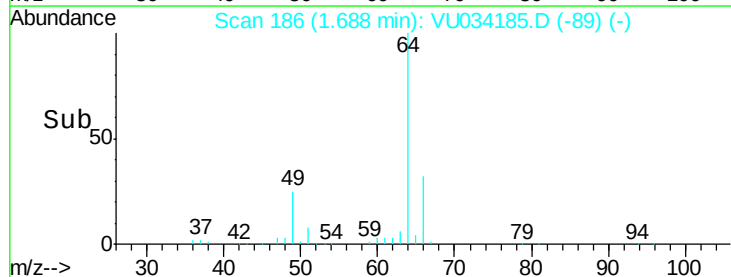
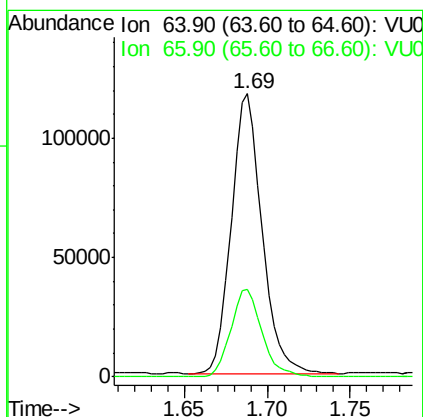
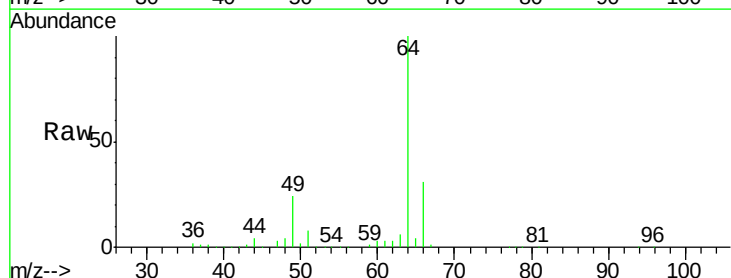
Acq: 01 Sep 2019 21:31

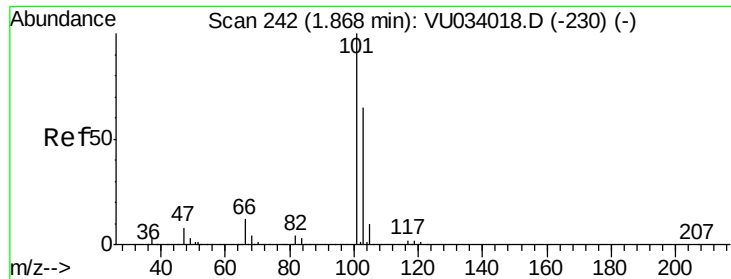
Tgt Ion: 64 Resp: 150706

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3





#7

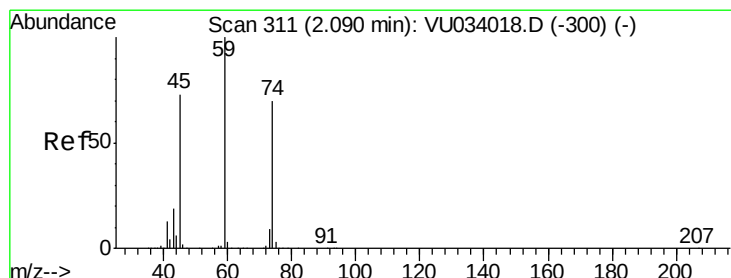
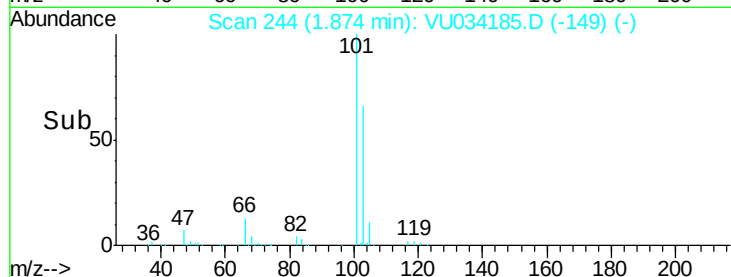
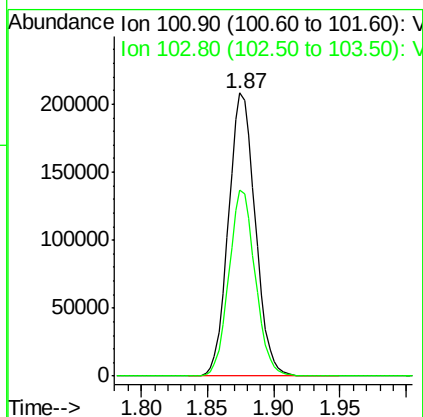
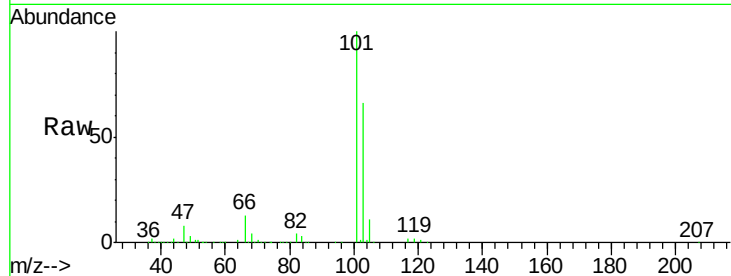
Trichlorofluoromethane
Concen: 48.042 ug/l
RT: 1.87 min Scan# 244
Delta R.T. 0.01 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	292850		
103	65.6	52.1	78.1	

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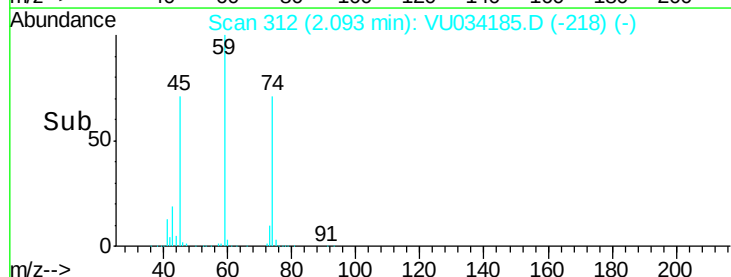
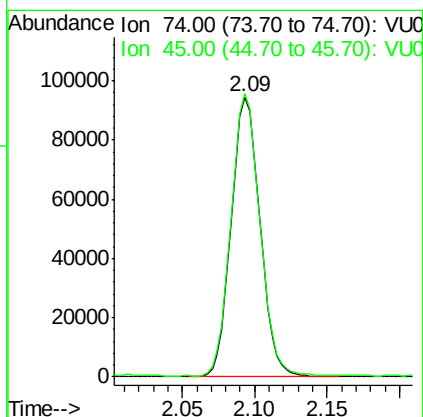
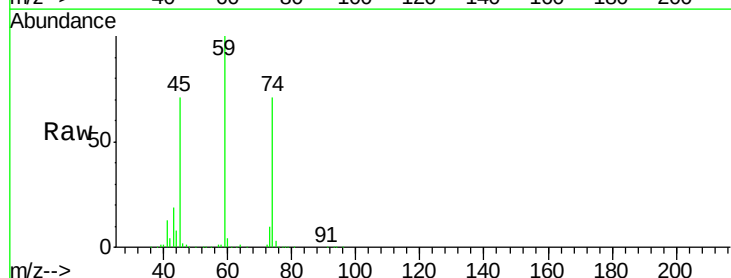
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9/3/2019 11:43:59 AM

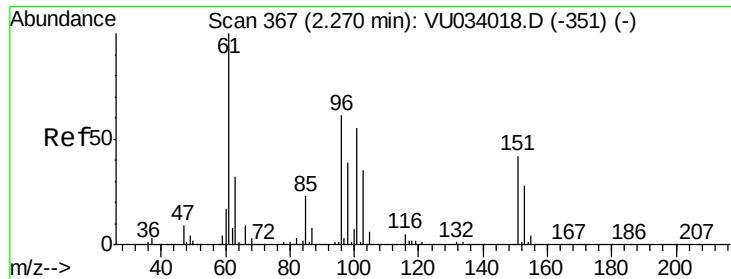


#8

Diethyl Ether
Concen: 50.213 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	130940		
45	100.8	51.8	155.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.683 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034185.D

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Instrument :

MSVOA_U

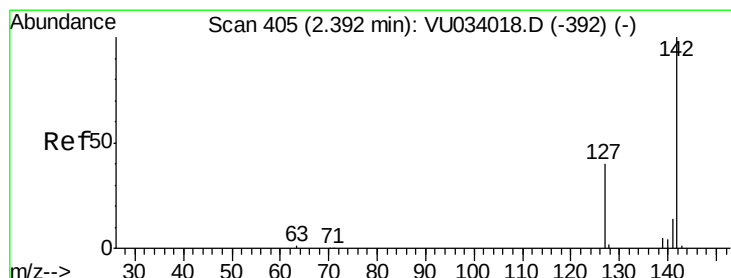
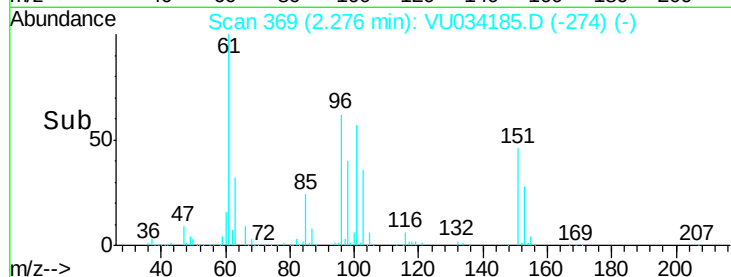
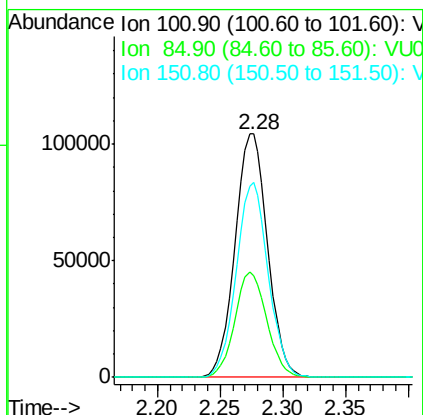
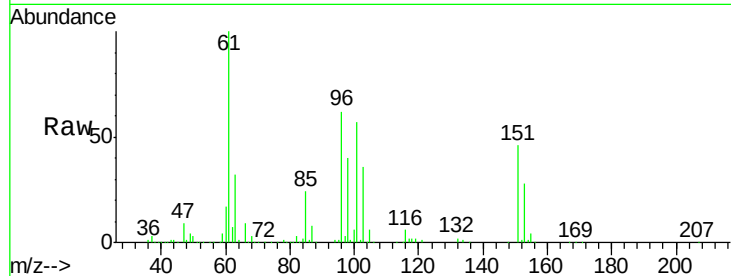
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	187996
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.2
151	78.7	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 25.020 ug/l

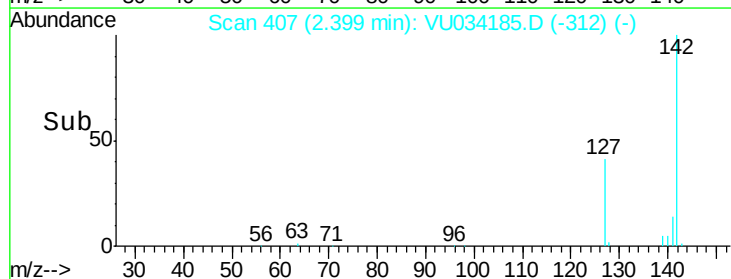
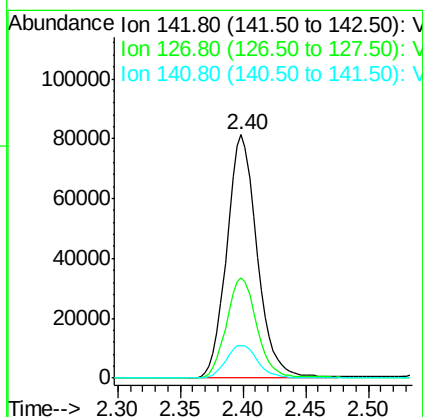
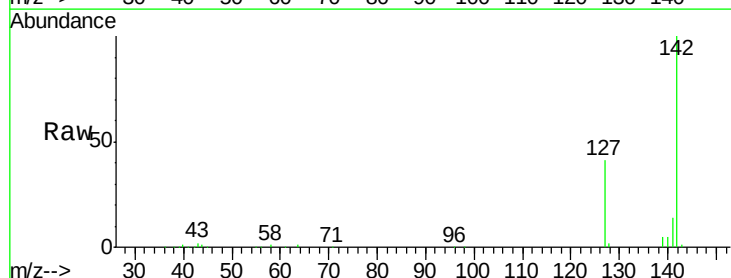
RT: 2.40 min Scan# 407

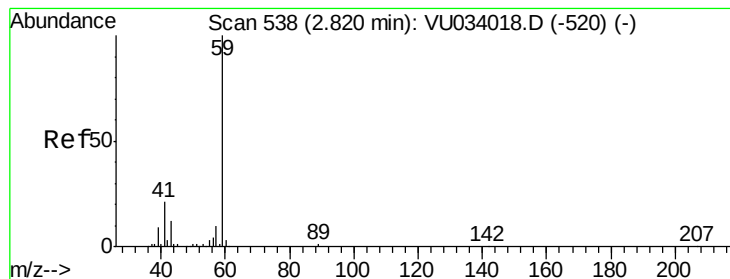
Delta R.T. 0.01 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion:	142	Resp:	137060
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.6	48.8
141	14.0	11.3	16.9





#11

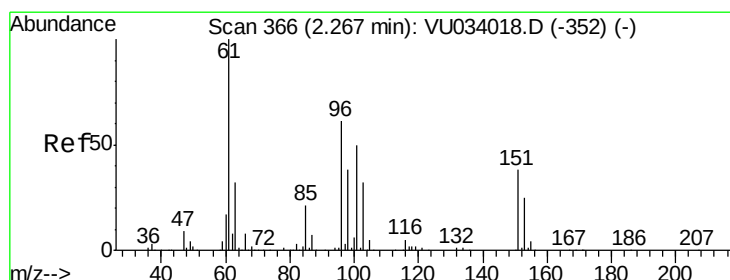
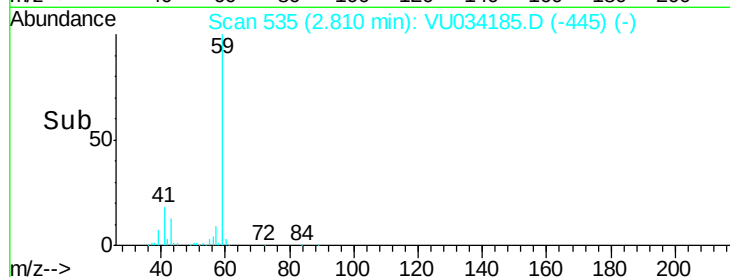
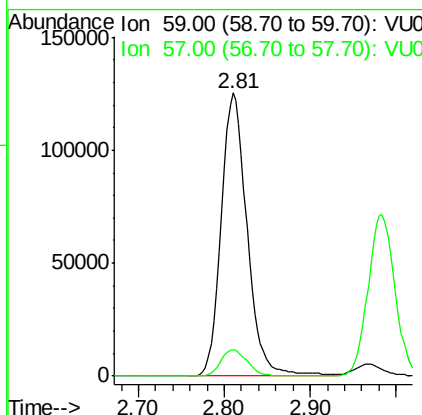
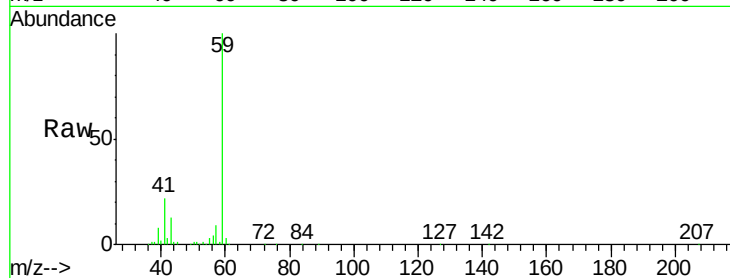
Tert butyl alcohol
 Concen: 227.061 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	263688		
57	9.7		8.0	12.0

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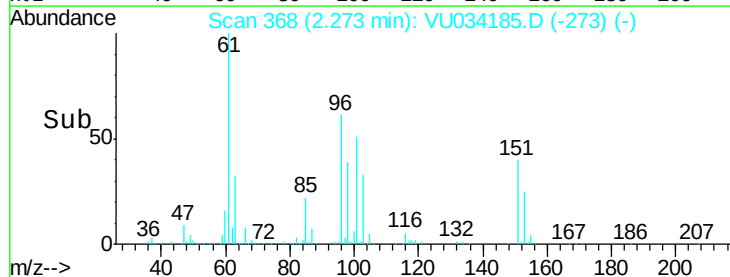
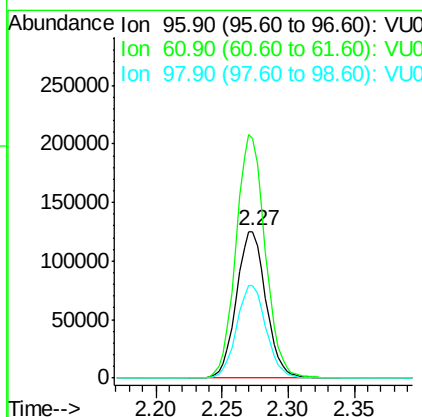
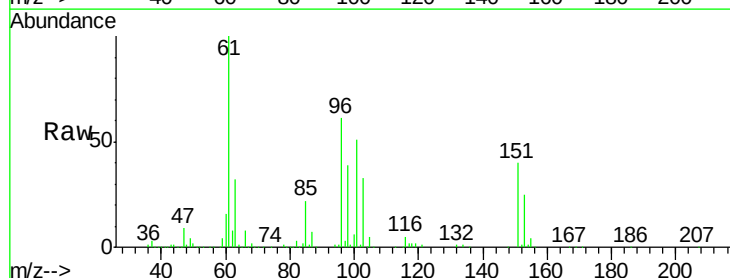
MMDadoda
 9/3/2019 11:43:59 AM

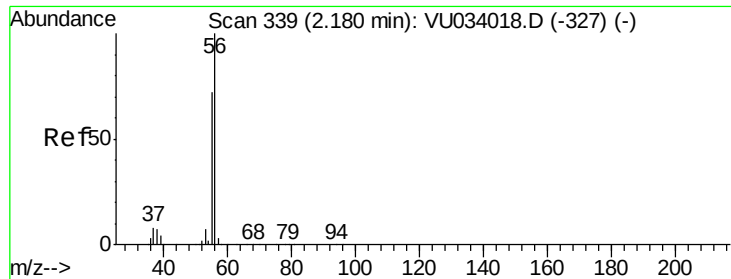


#12

1,1-Dichloroethene
 Concen: 49.004 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	192807		
61	164.3		131.3	196.9
98	63.6		50.3	75.5





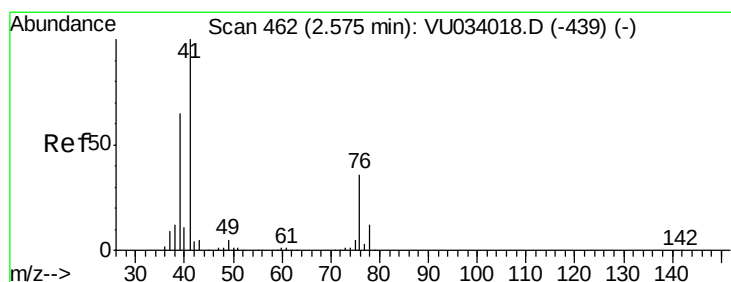
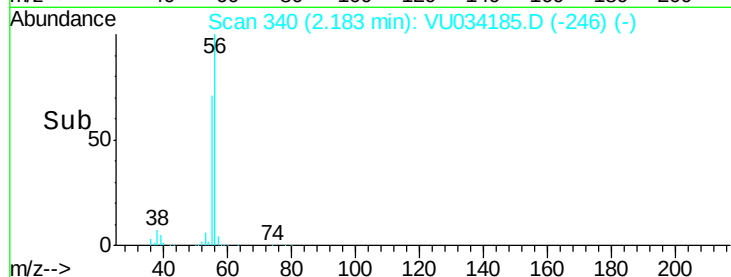
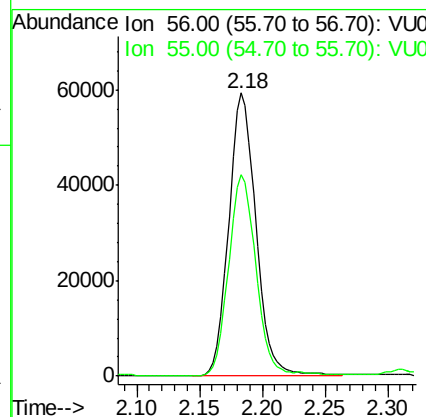
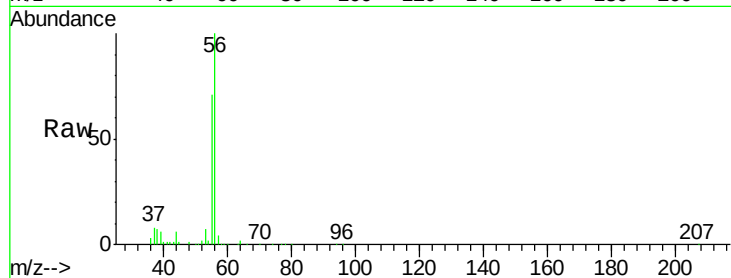
#13
Acrolein
Concen: 183.576 ug/l
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.1	85.7

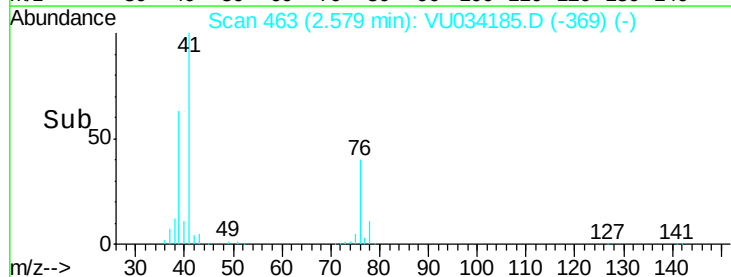
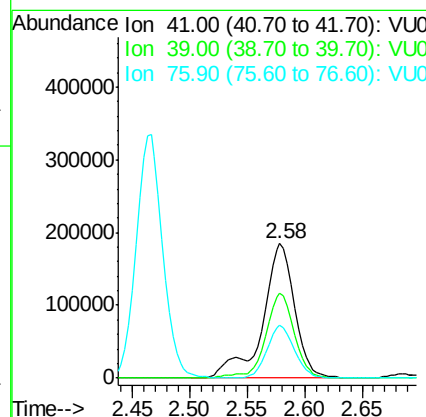
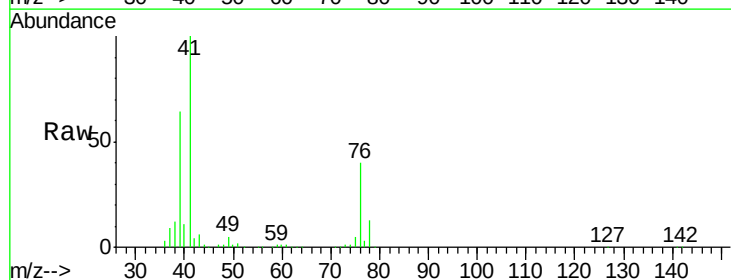
Manual Integrations
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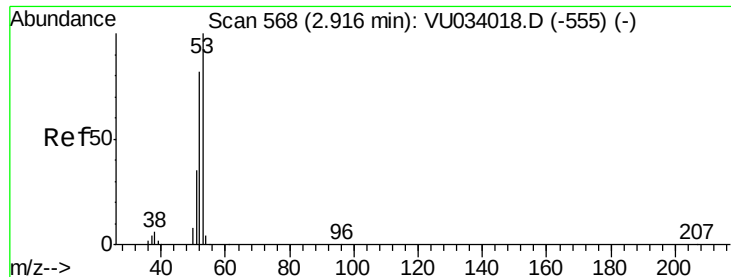
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#14
Allyl chloride
Concen: 48.553 ug/l m
RT: 2.58 min Scan# 463
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.8	70.2
76	33.2	26.6	40.0





#15

Acrylonitrile

Concen: 255.573 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

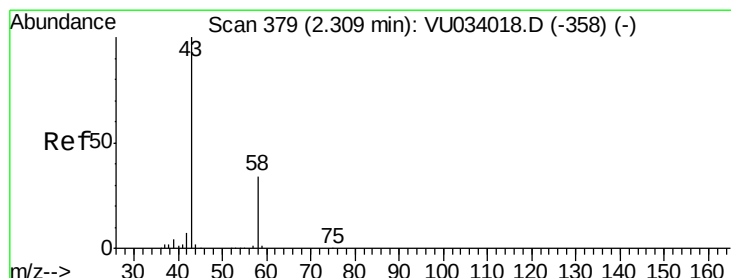
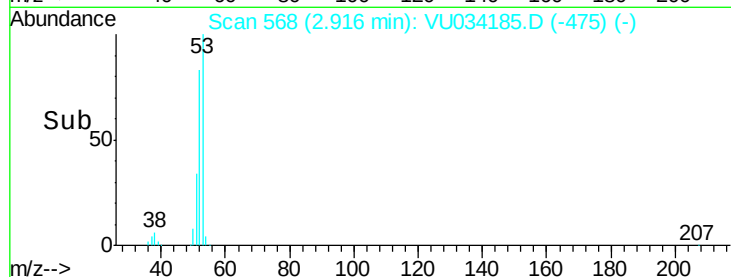
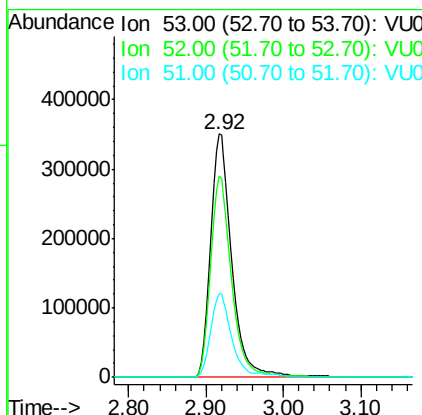
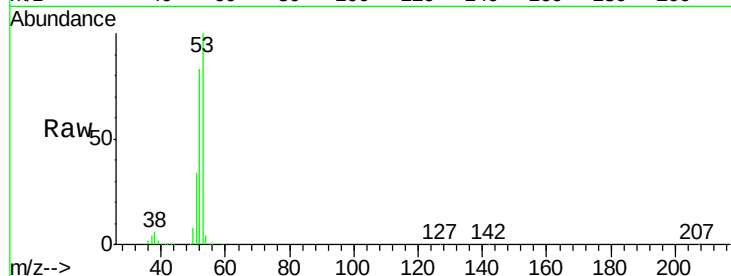
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	681063
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	35.0	27.9	41.9

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#16

Acetone

Concen: 214.242 ug/l

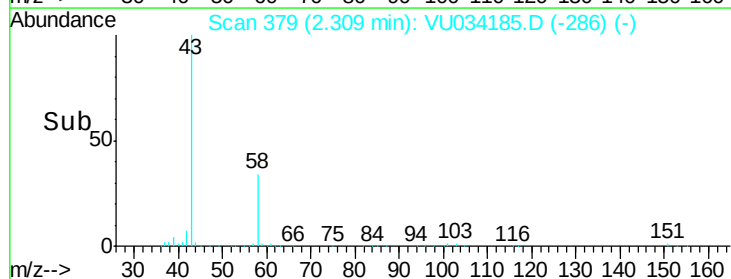
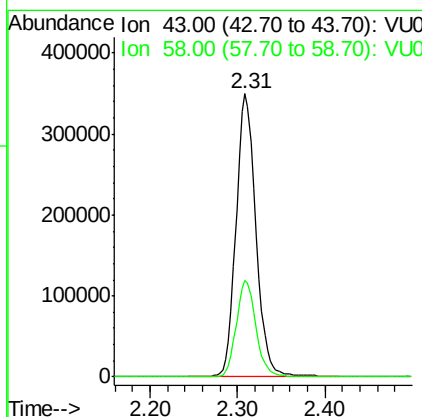
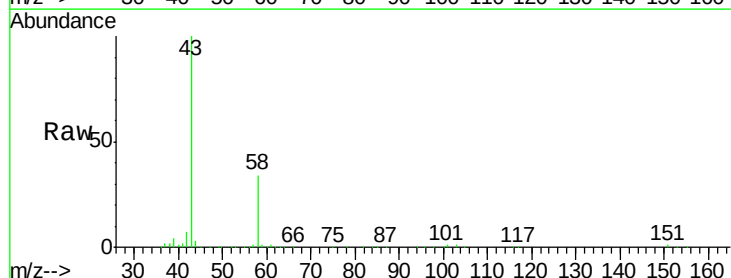
RT: 2.31 min Scan# 379

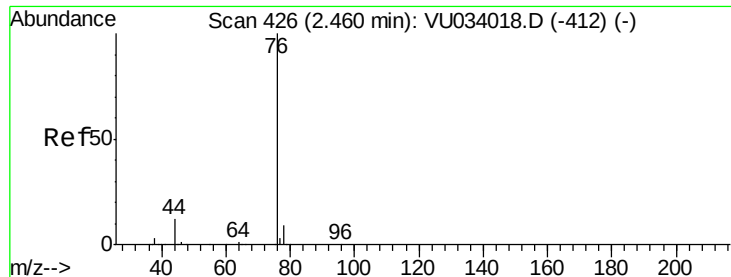
Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion:	43	Resp:	550506
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.8	40.2





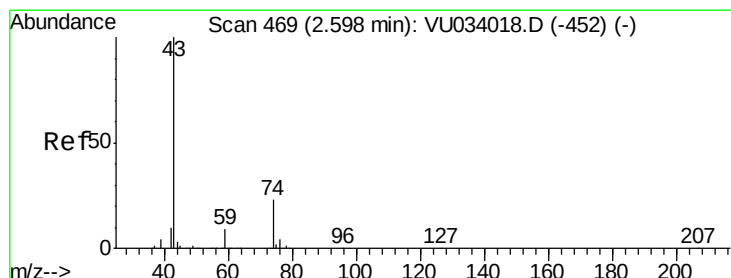
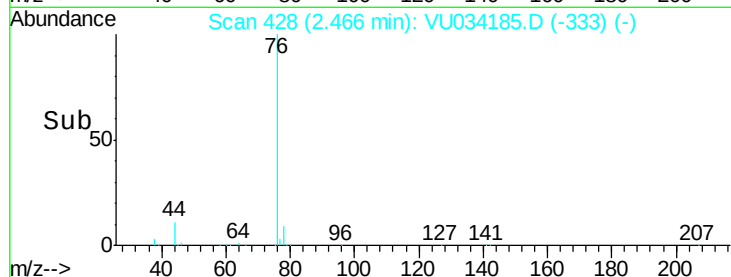
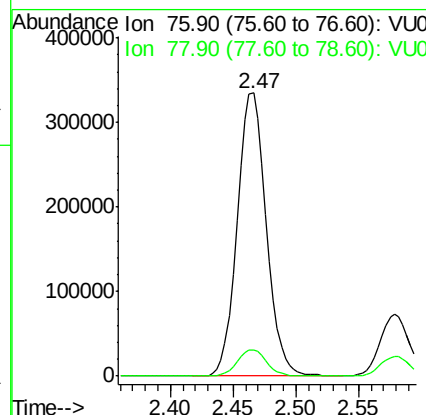
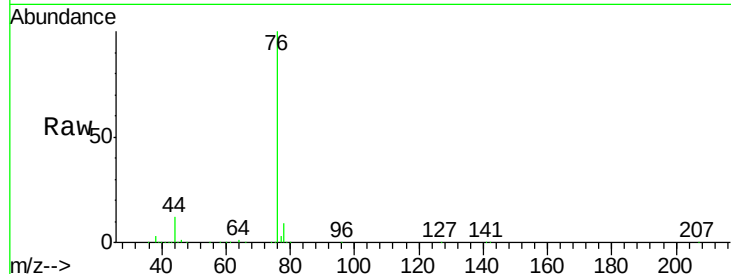
#17
Carbon Disulfide
Concen: 43.270 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

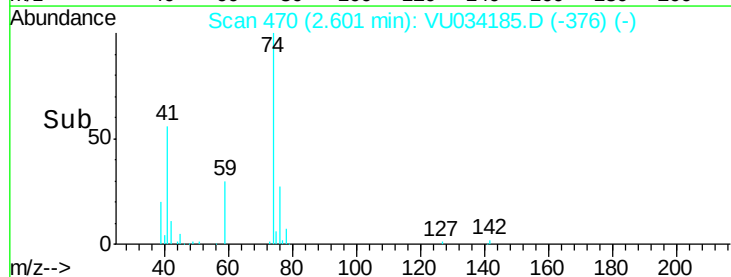
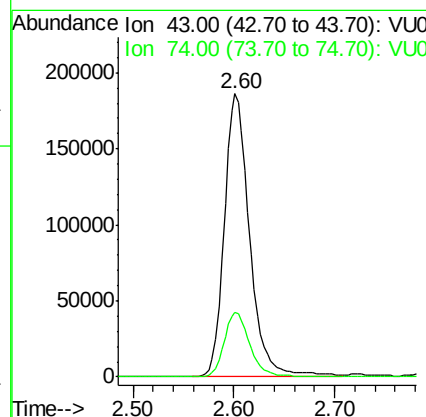
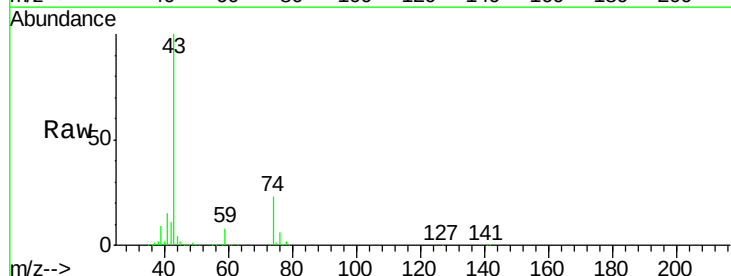
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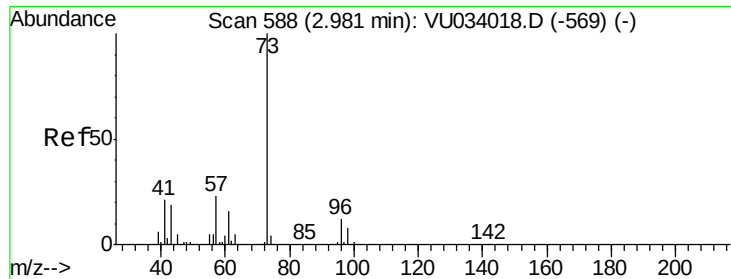
MMDadoda
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#18
Methyl Acetate
Concen: 48.603 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.2	28.8





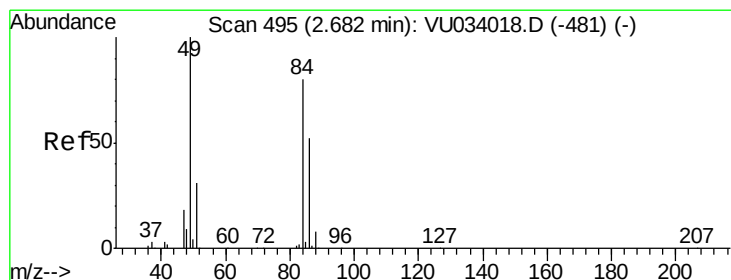
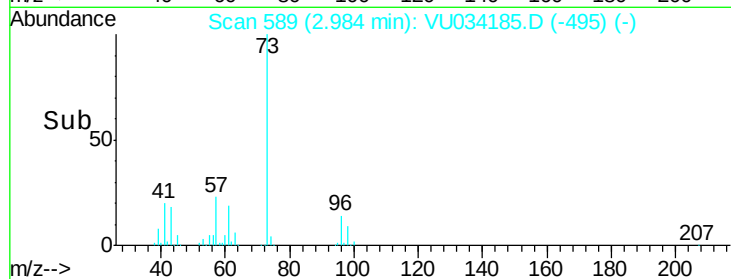
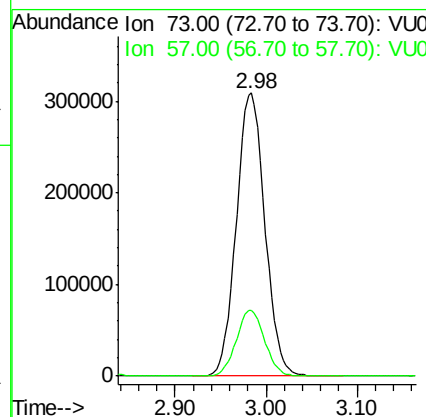
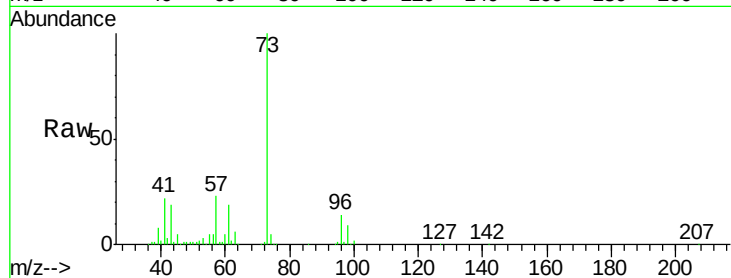
#19
Methyl tert-butyl Ether
Concen: 52.252 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.3	27.5

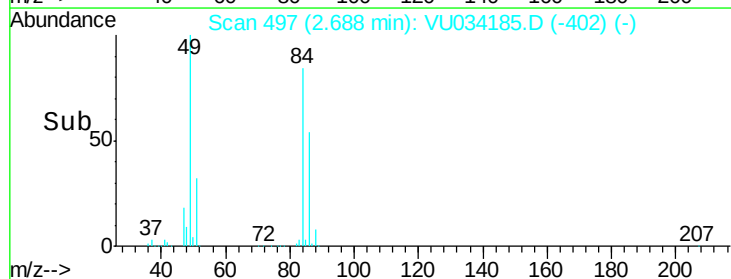
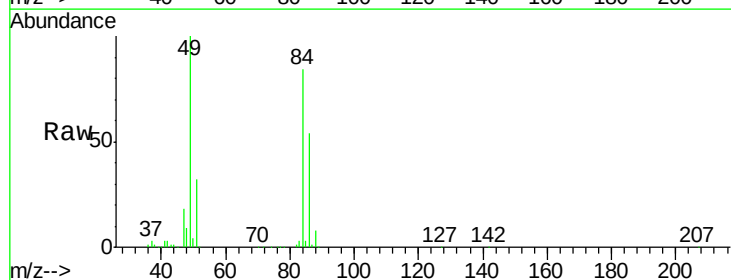
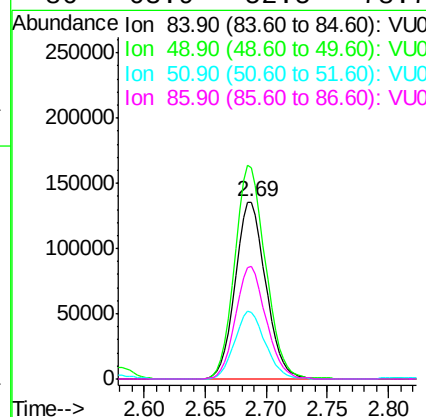
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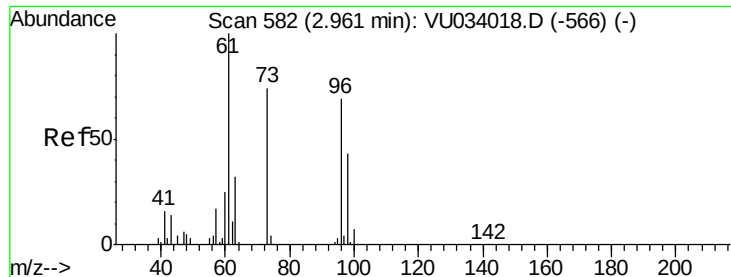
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#20
Methylene Chloride
Concen: 48.758 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.2	100.2	150.4
51	37.5	30.8	46.2
86	63.9	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 49.126 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

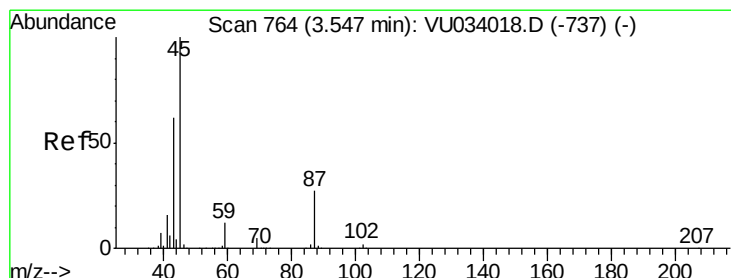
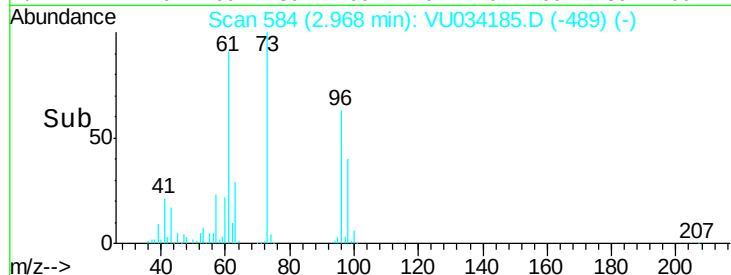
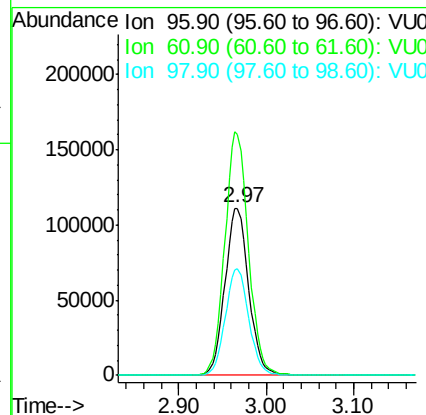
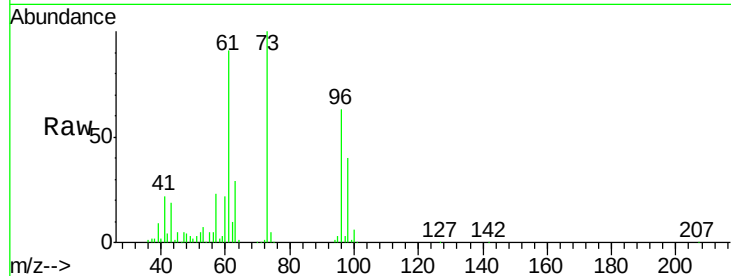
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	209775
Ion	Ratio	Lower	Upper
96	100		
61	144.2	115.5	173.3
98	64.0	50.1	75.1

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#22

Diisopropyl ether

Concen: 52.839 ug/l

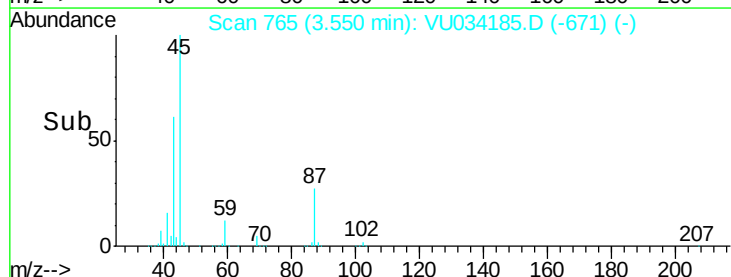
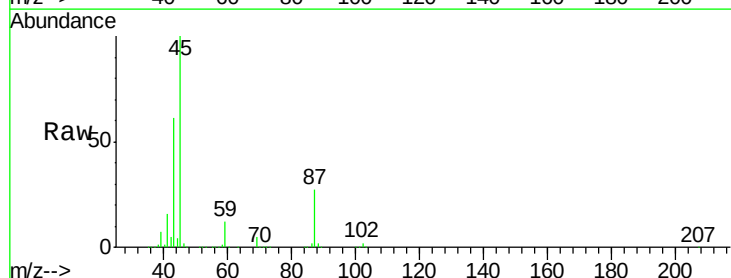
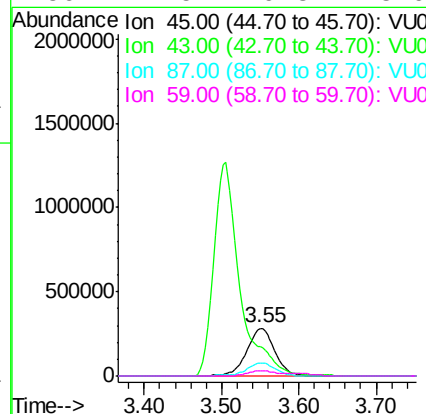
RT: 3.55 min Scan# 765

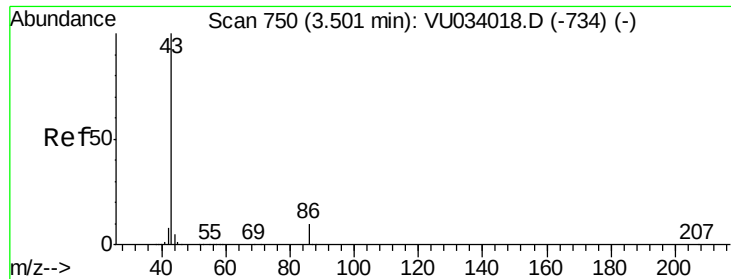
Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion:	45	Resp:	716247
Ion	Ratio	Lower	Upper
45	100		
43	60.4	49.7	74.5
87	27.1	21.8	32.8
59	11.5	9.3	13.9





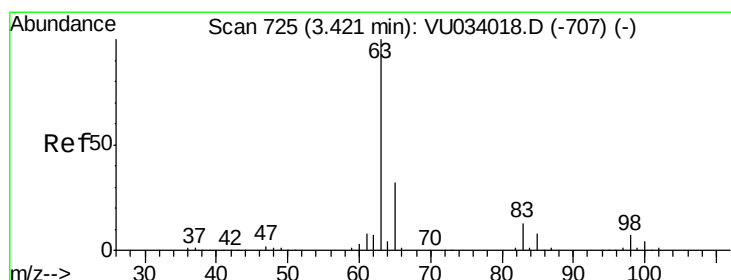
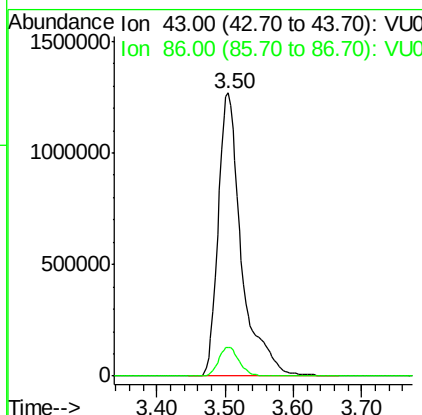
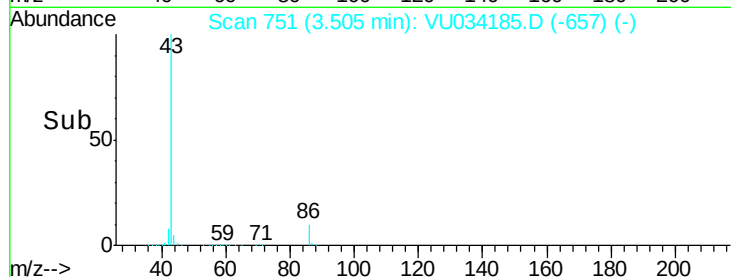
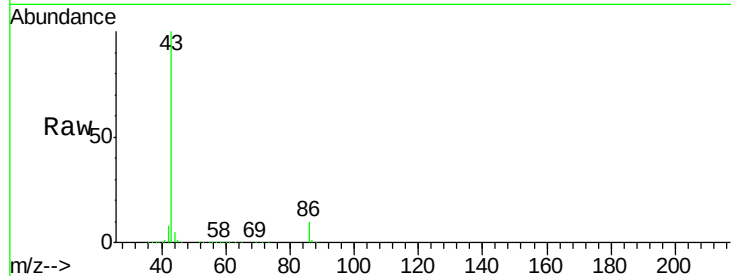
#23
 Vinyl Acetate
 Concen: 258.740 ug/l
 RT: 3.50 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3012909
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.3 12.5

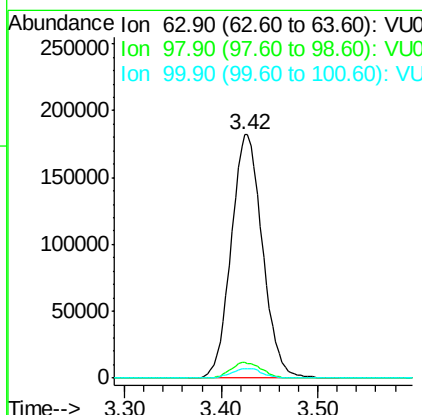
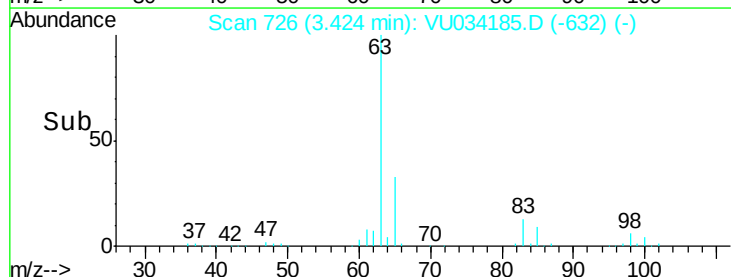
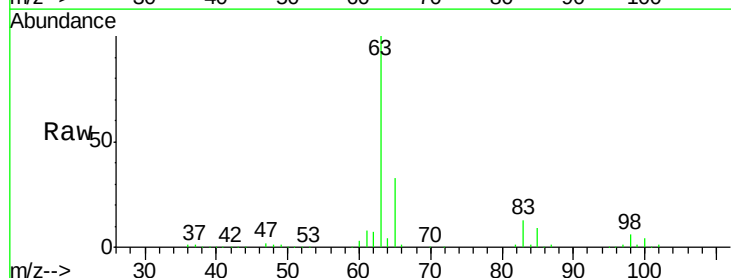
Manual Integrations
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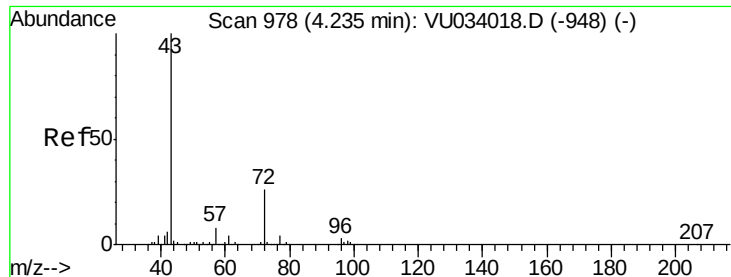
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#24
 1,1-Dichloroethane
 Concen: 51.054 ug/l
 RT: 3.42 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion: 63 Resp: 408582
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 249.393 ug/l

RT: 4.23 min Scan# 978

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 891562

Ion Ratio Lower Upper

43 100

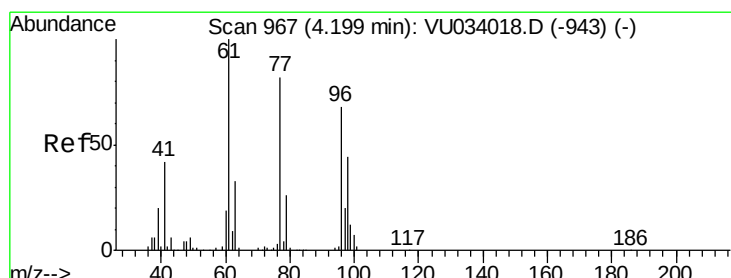
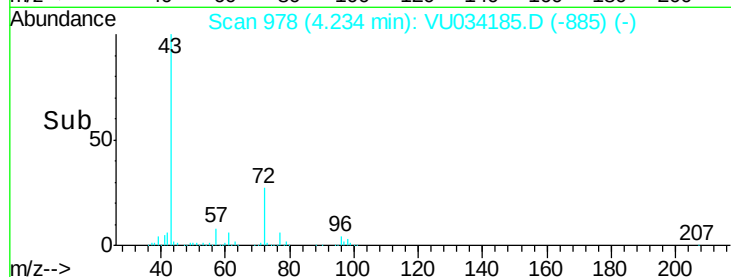
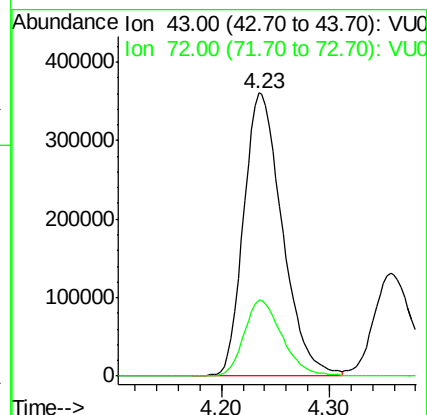
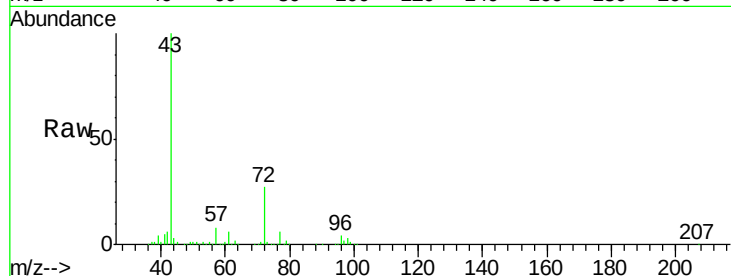
72 26.9 21.2 31.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 42.116 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034185.D

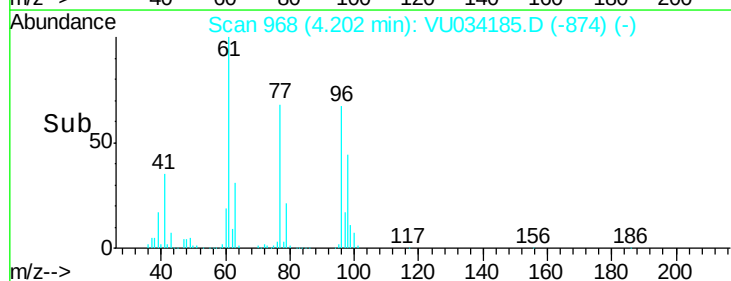
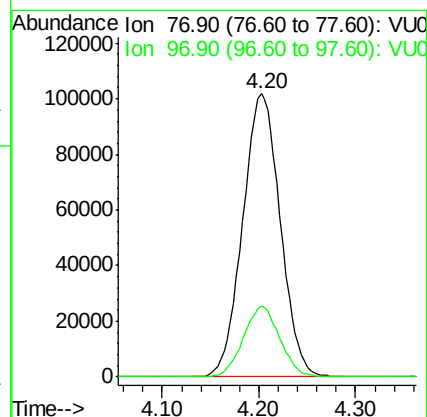
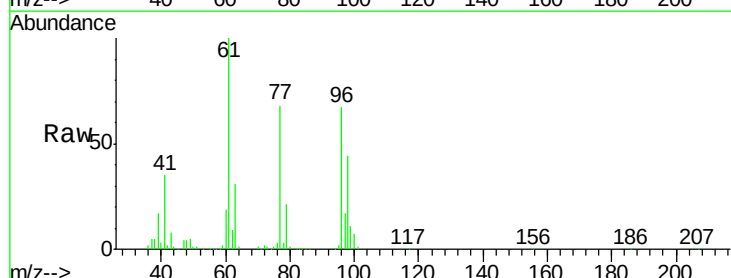
Acq: 01 Sep 2019 21:31

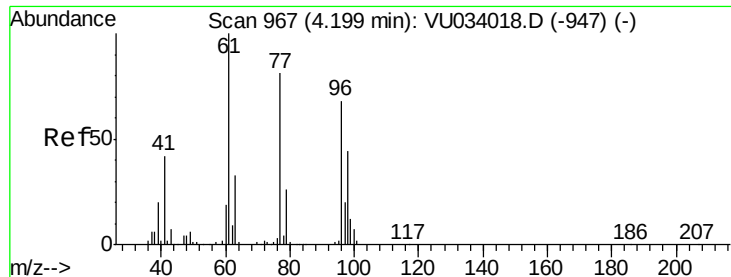
Tgt Ion: 77 Resp: 274260

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.7





#27

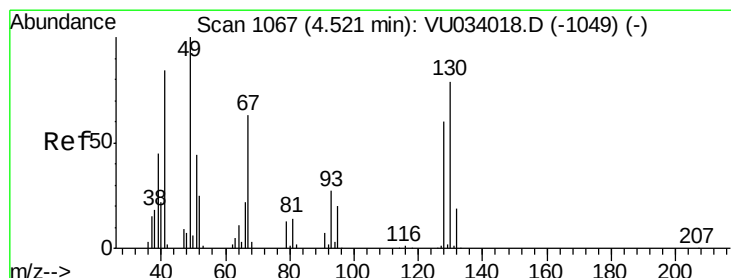
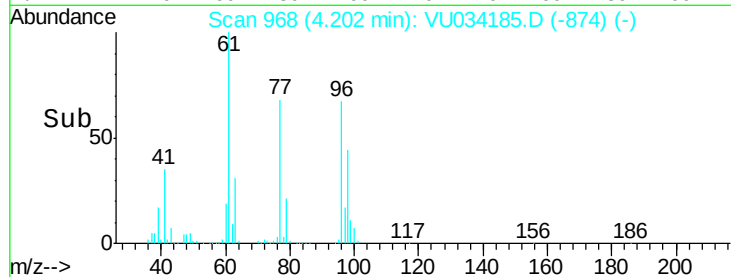
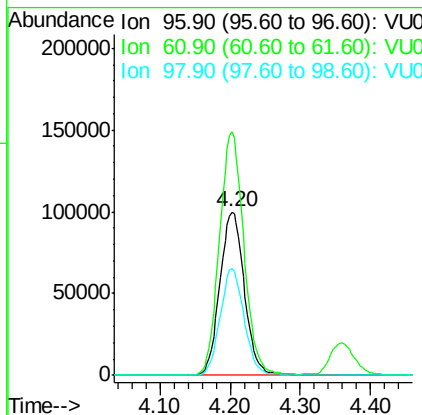
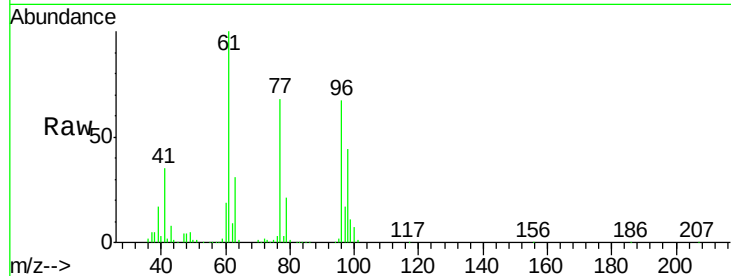
cis-1,2-Dichloroethene
Concen: 50.649 ug/l
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	242751		
61	147.7	0.0	303.0	
98	63.6	0.0	129.2	

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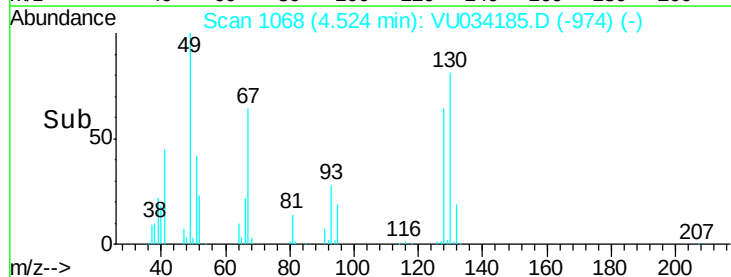
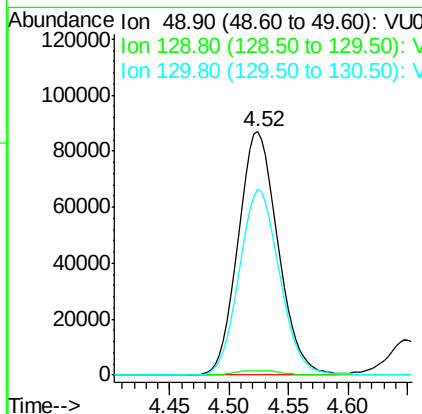
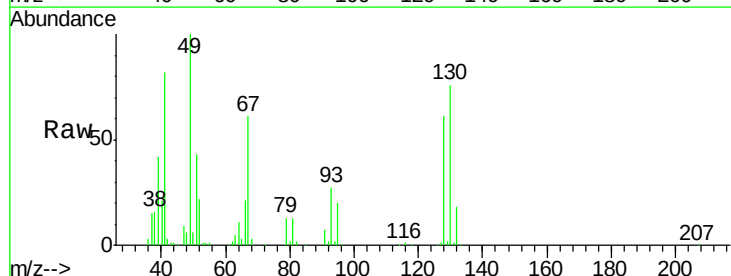
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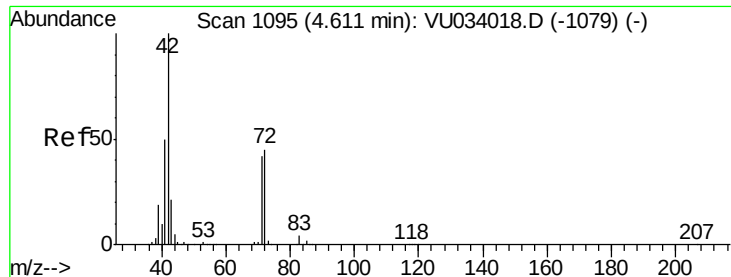


#28

Bromochloromethane
Concen: 51.211 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	201920		
129	2.1	0.0	3.6	
130	77.4	62.8	94.2	





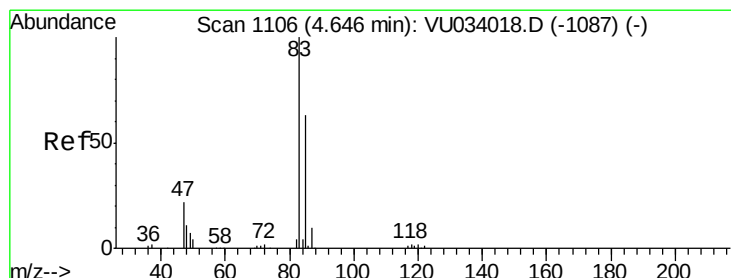
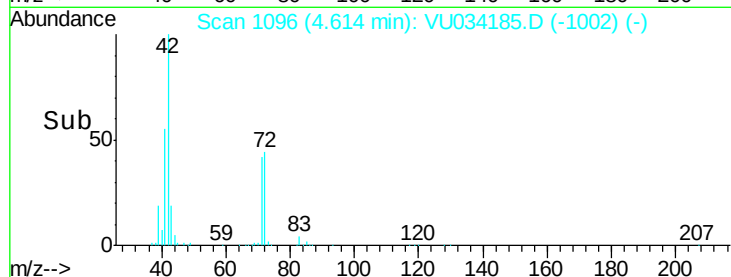
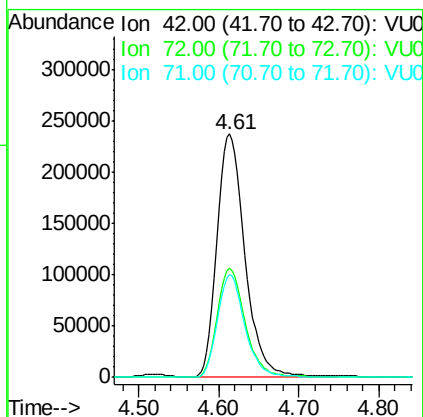
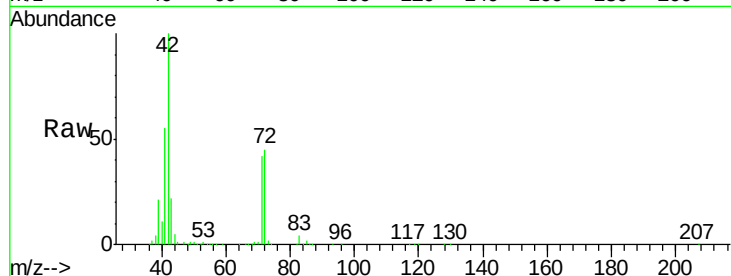
#29
Tetrahydrofuran
Concen: 260.775 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.6
71	41.5	34.0	51.0

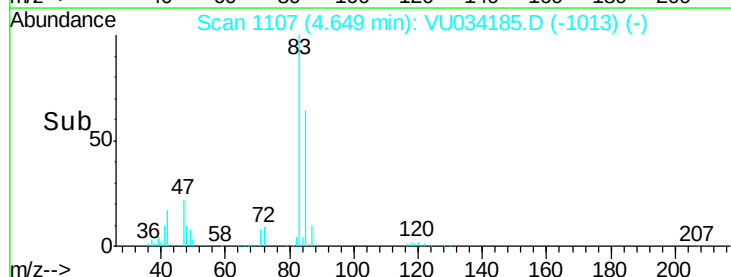
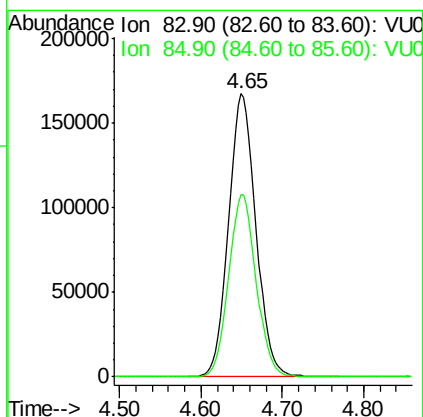
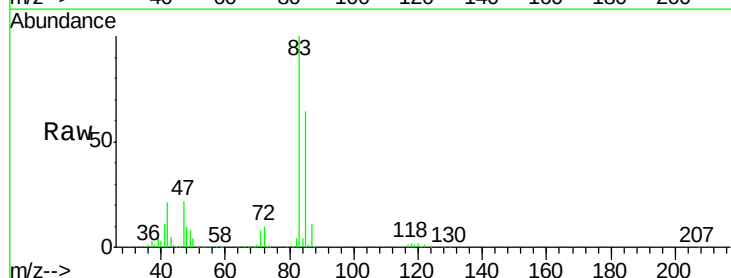
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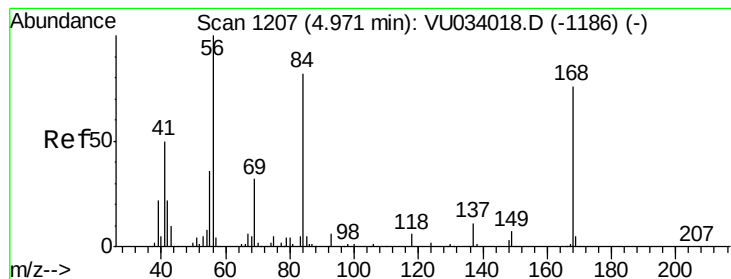
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#30
Chloroform
Concen: 49.286 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





#31

Cyclohexane

Concen: 45.673 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 343460

Ion Ratio Lower Upper

56 100

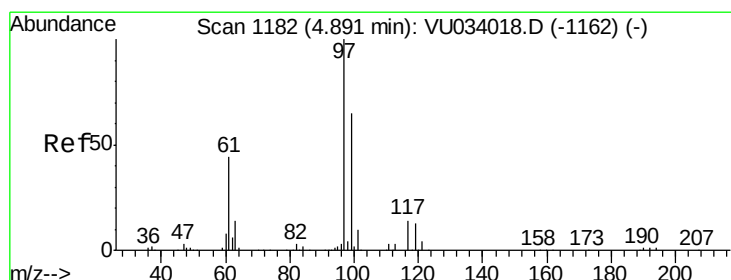
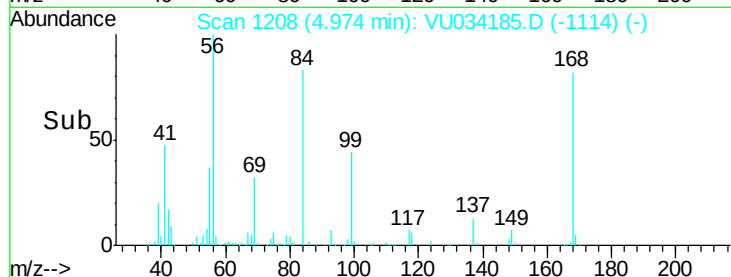
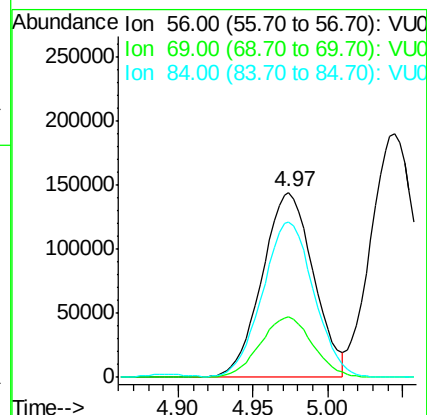
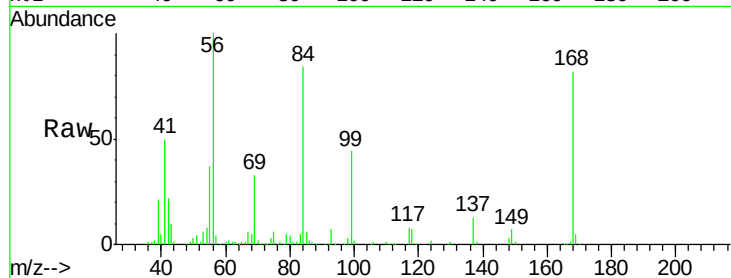
69 32.5 25.4 38.0

84 83.4 65.8 98.8

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#32

1,1,1-Trichloroethane

Concen: 50.340 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

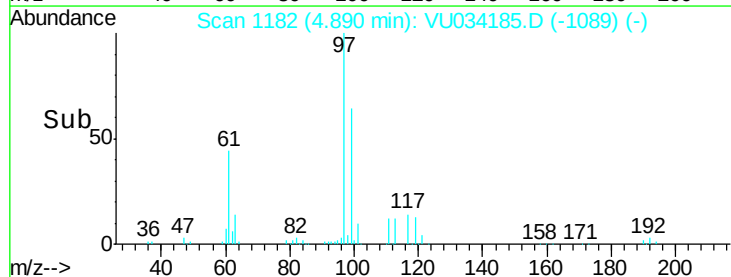
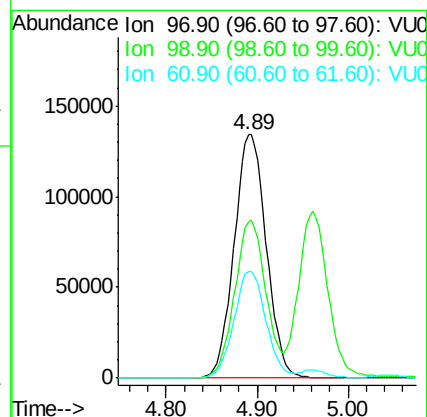
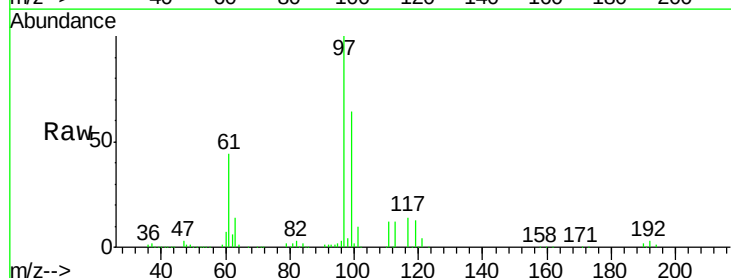
Tgt Ion: 97 Resp: 329206

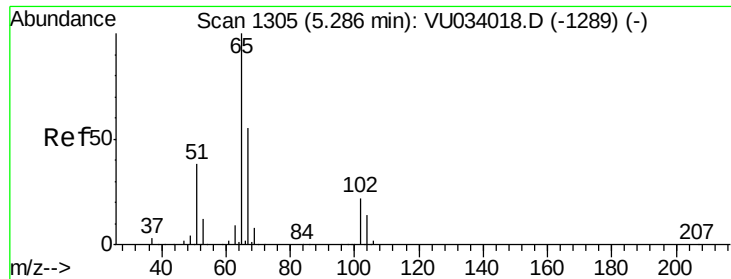
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

61 43.7 35.3 52.9





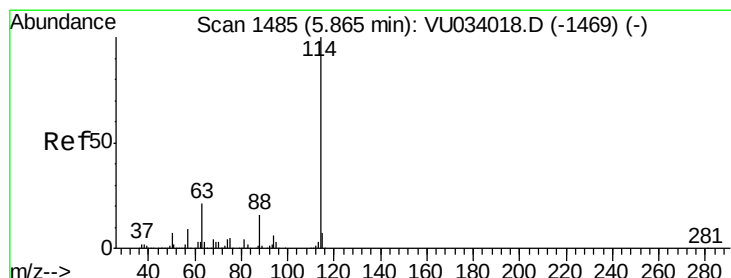
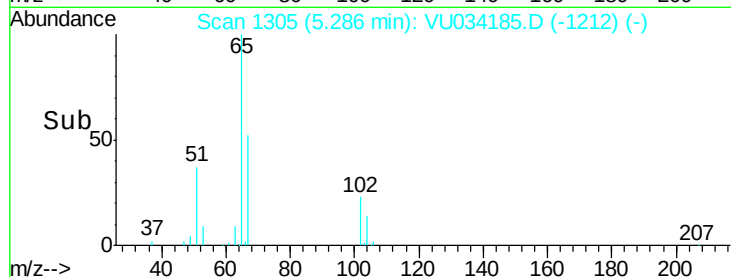
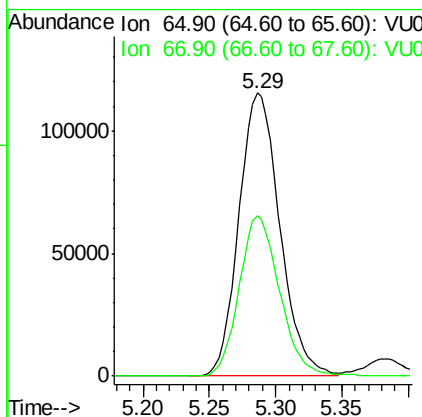
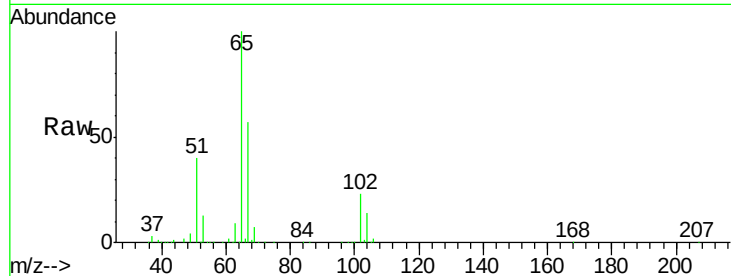
#33
 1,2-Dichloroethane-d4
 Concen: 49.261 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	248075		
67	55.9	0.0	110.6	

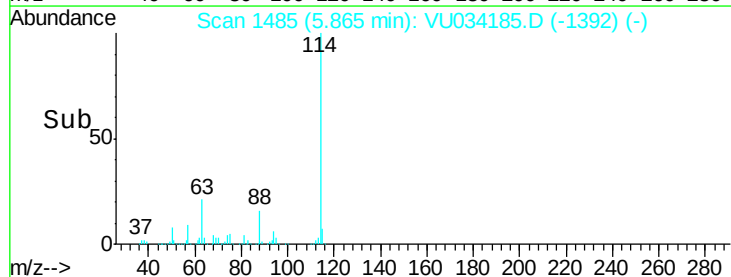
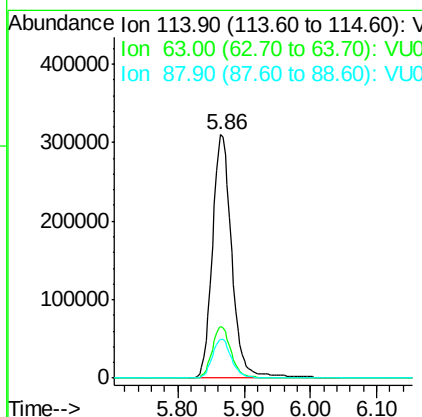
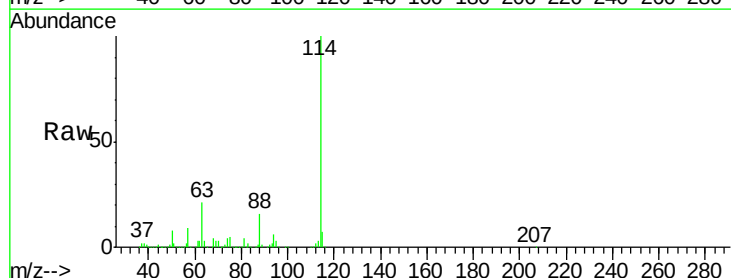
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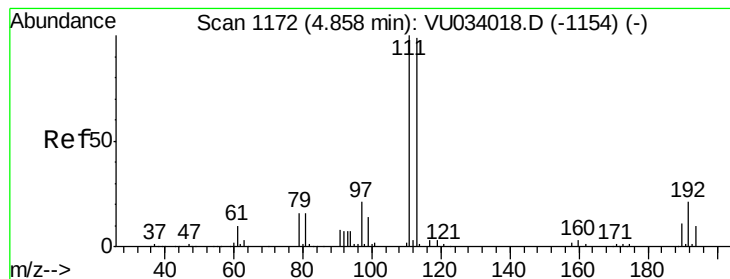
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	632358		
63	21.4	0.0	42.0	
88	16.1	0.0	32.0	





#35

Dibromofluoromethane

Concen: 48.711 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

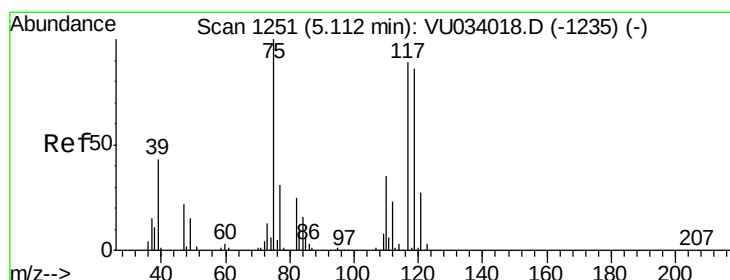
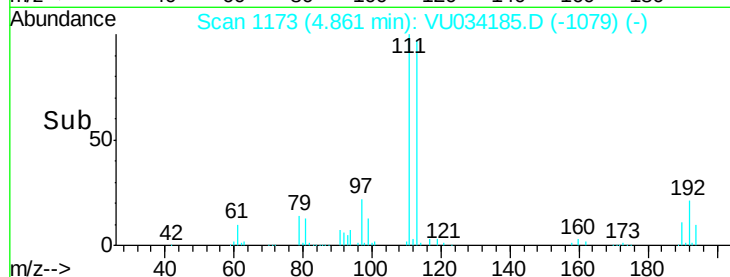
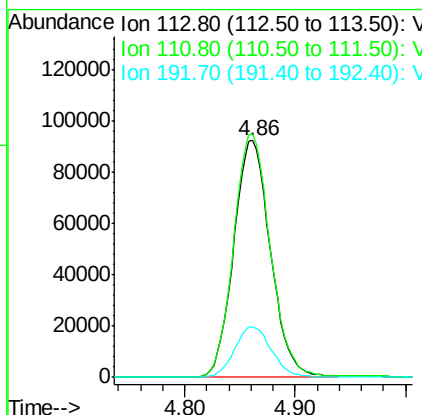
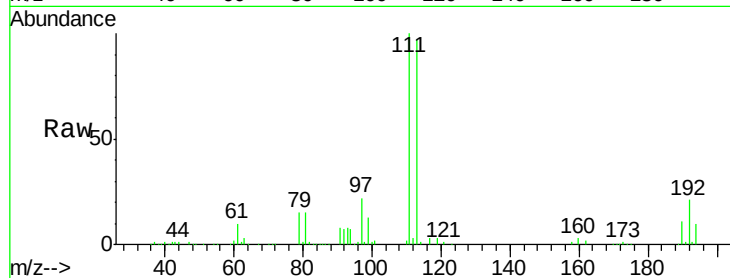
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	213644
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	21.4	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 47.557 ug/l

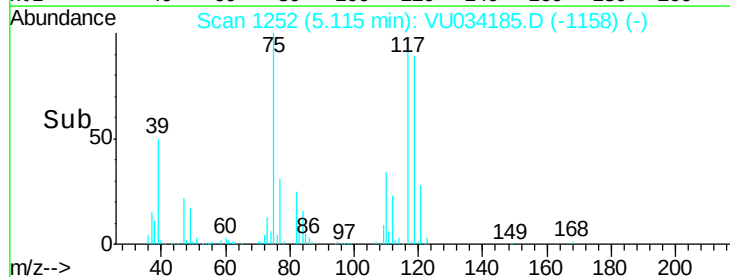
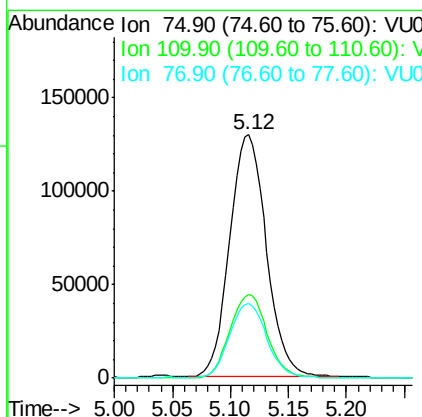
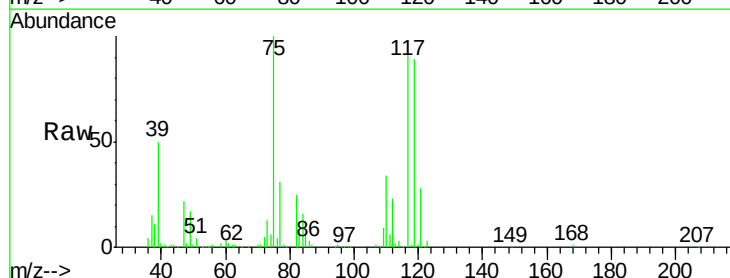
RT: 5.12 min Scan# 1252

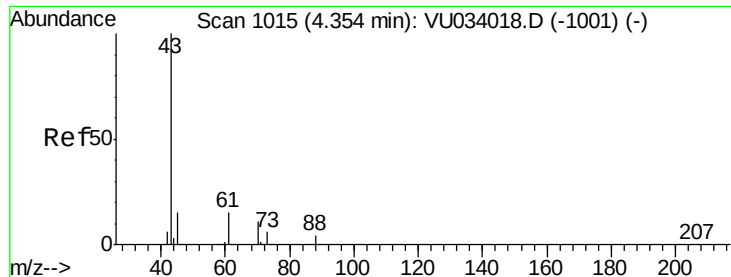
Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion:	75	Resp:	284455
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.8	53.5
77	31.1	25.0	37.4





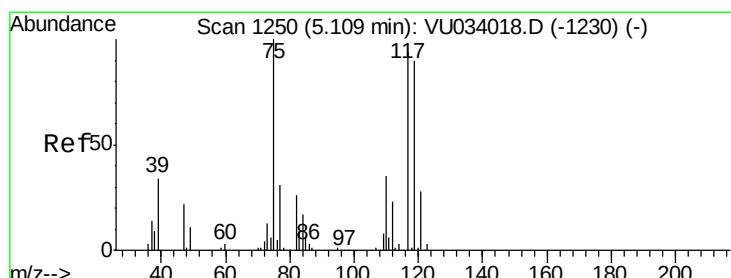
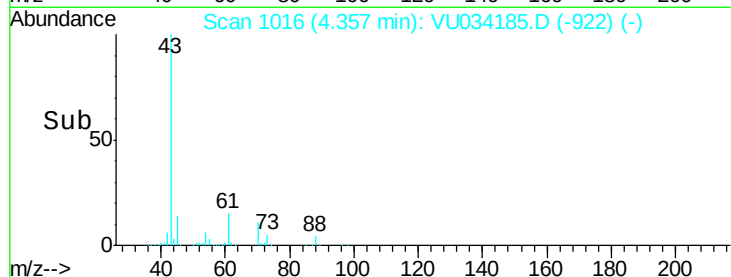
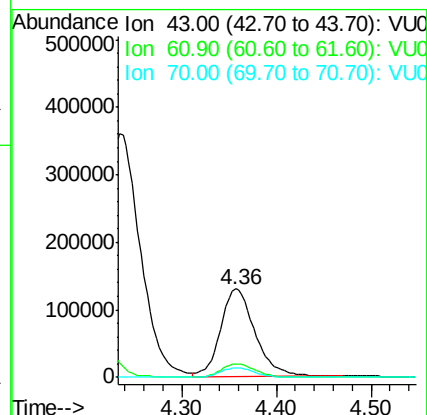
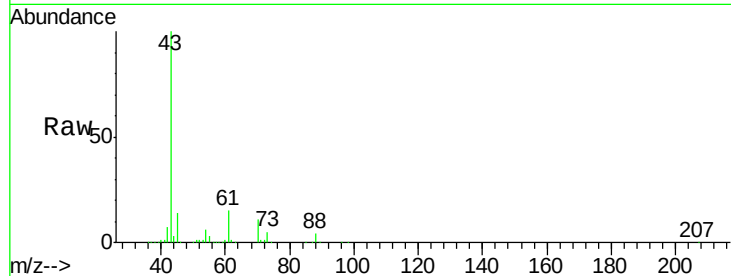
#37
Ethyl Acetate
Concen: 48.666 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	10.7	8.6	12.8

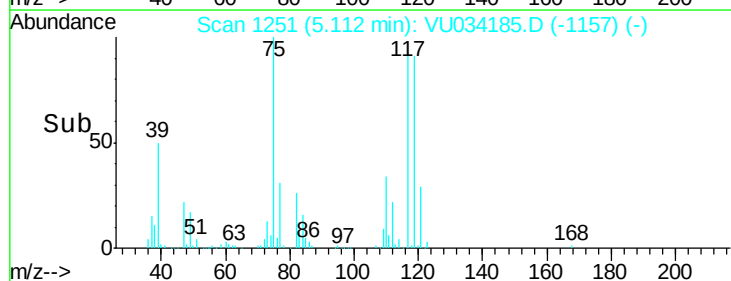
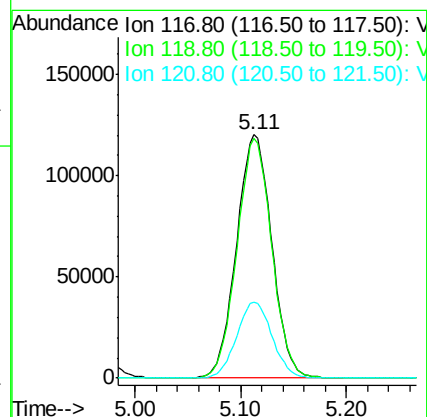
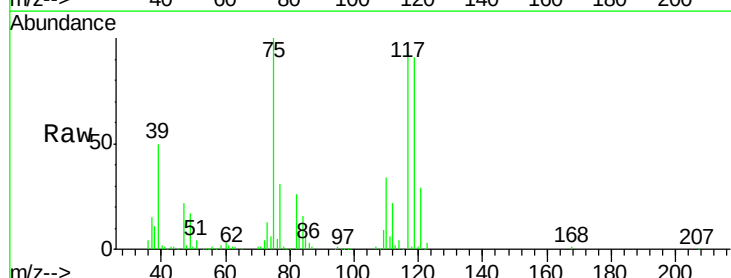
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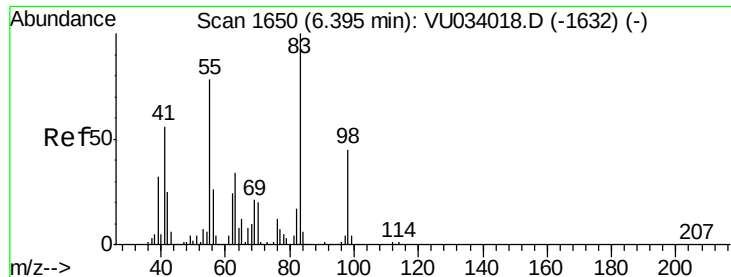
MMDadoda
9/3/2019 11:43:59 AM



#38
Carbon Tetrachloride
Concen: 48.152 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.0	115.4
121	31.3	23.9	35.9





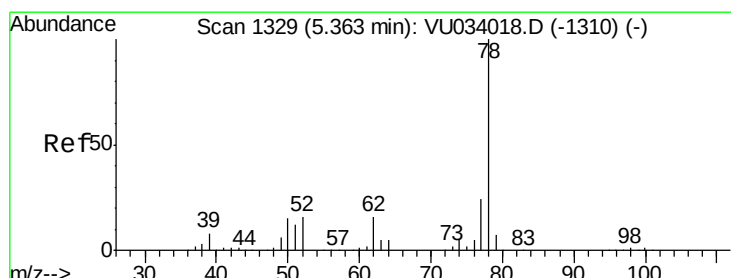
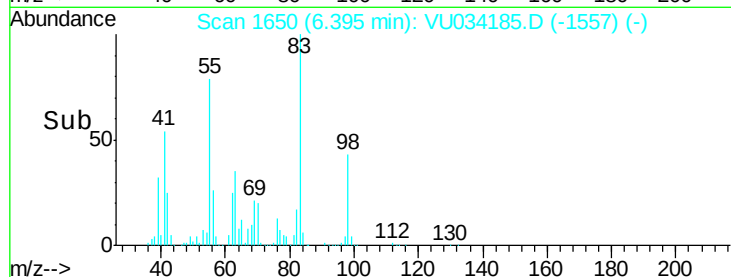
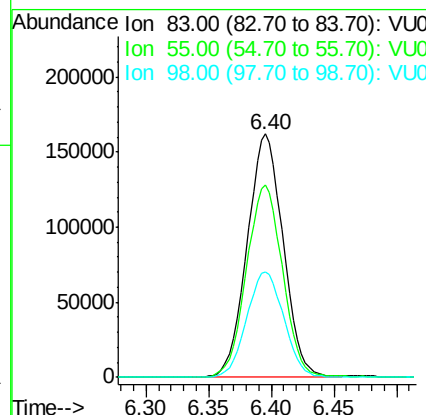
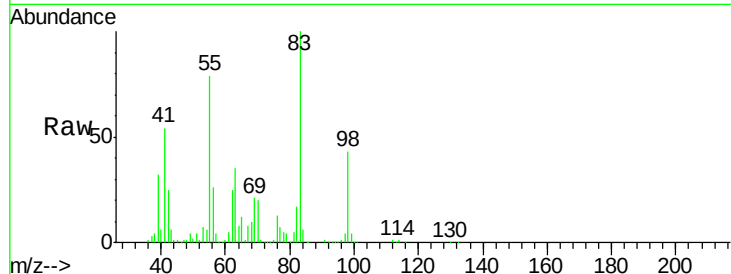
#39
Methylvlcyclohexane
Concen: 45.892 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.3	93.5
98	43.5	36.2	54.2

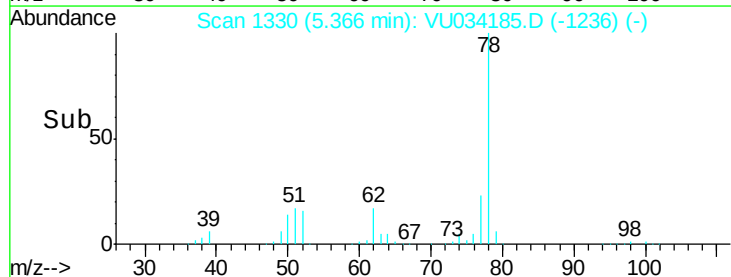
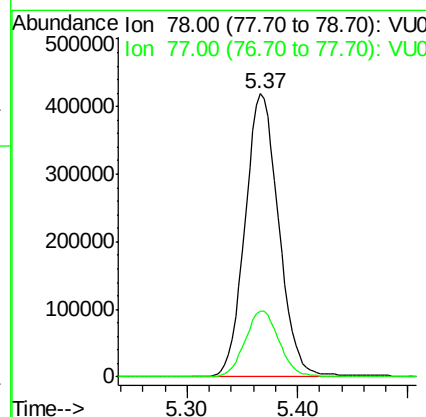
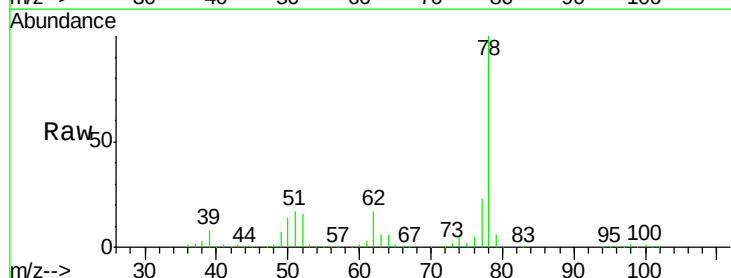
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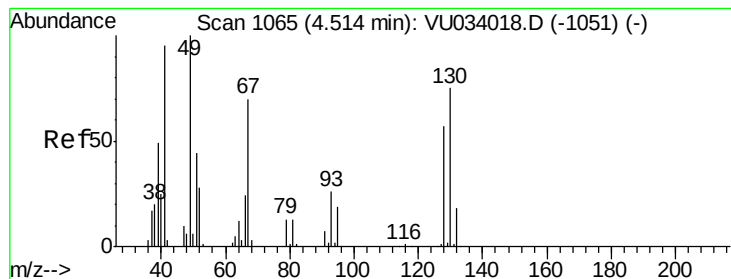
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#40
Benzene
Concen: 48.907 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41

Methacrylonitrile

Concen: 52.127 ug/l

RT: 4.52 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 179060

Ion Ratio Lower Upper

41 100

39 51.5 42.1 63.1

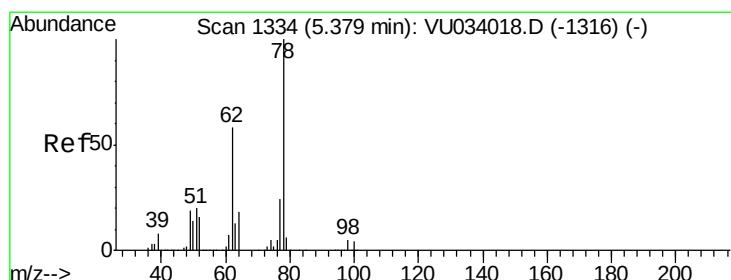
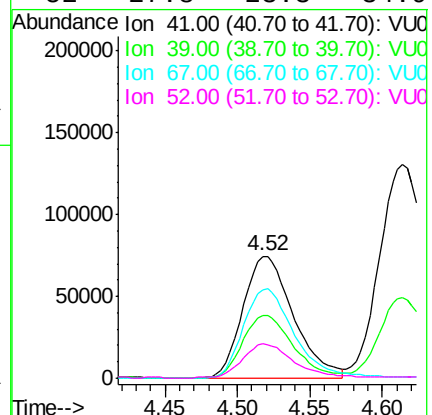
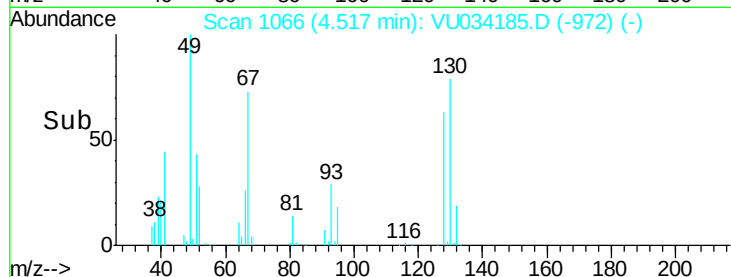
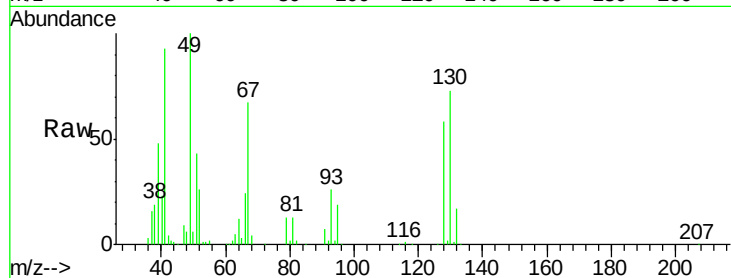
67 75.3 61.0 91.4

52 27.8 23.3 34.9

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#42

1,2-Dichloroethane

Concen: 48.546 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU034185.D

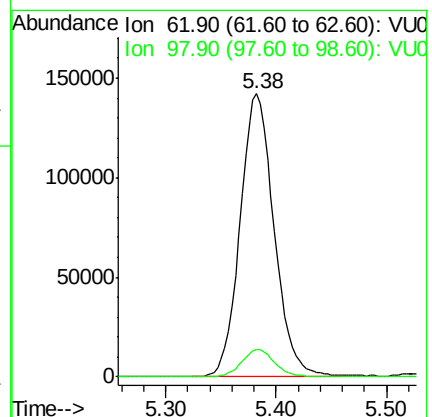
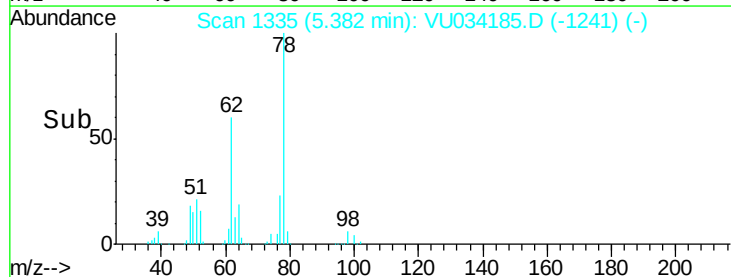
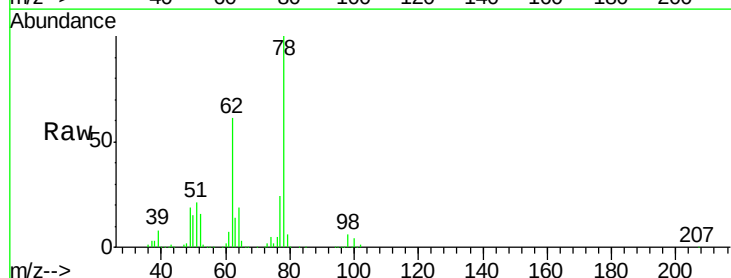
Acq: 01 Sep 2019 21:31

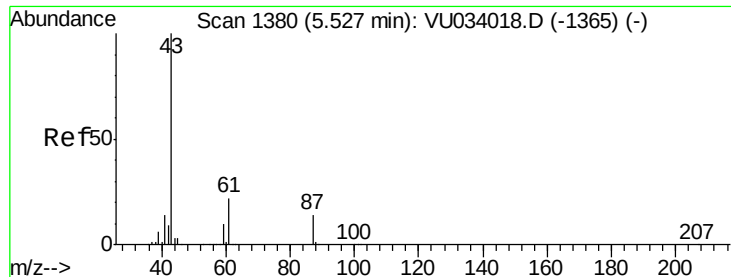
Tgt Ion: 62 Resp: 303365

Ion Ratio Lower Upper

62 100

98 9.5 0.0 18.2





#43

Isopropyl Acetate

Concen: 49.655 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

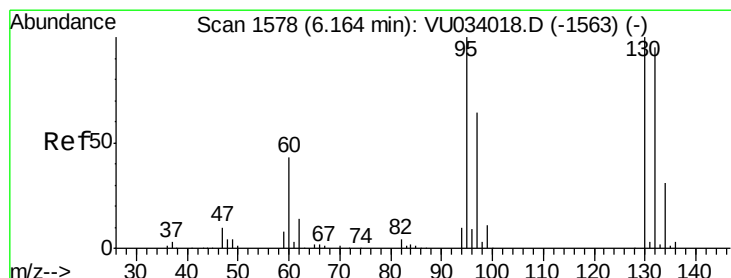
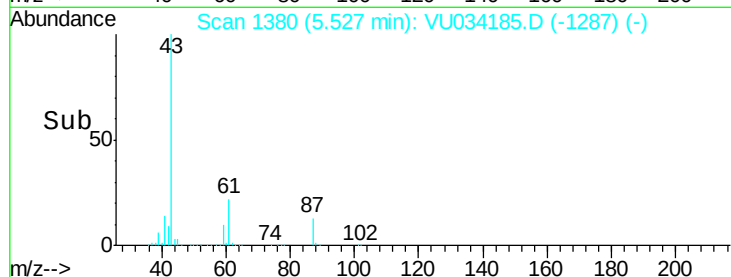
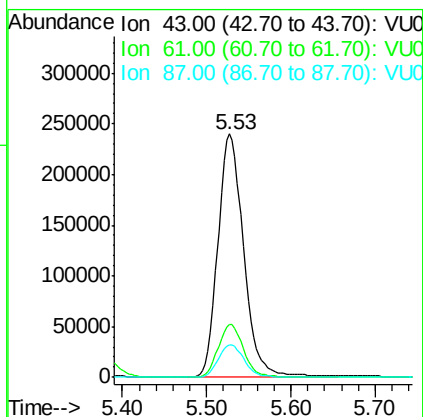
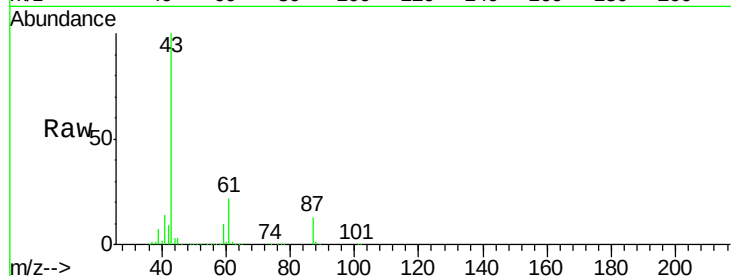
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	505986
Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.2	25.8
87	13.5	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.972 ug/l

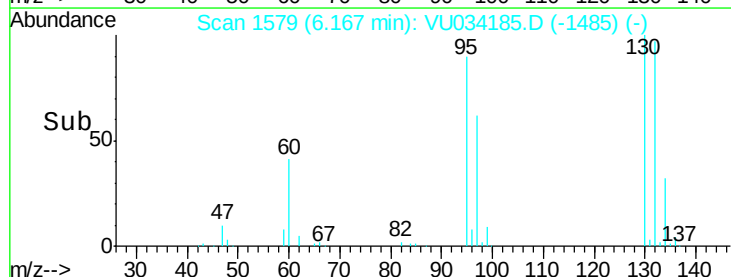
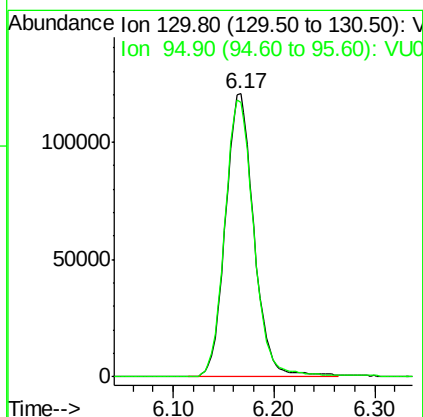
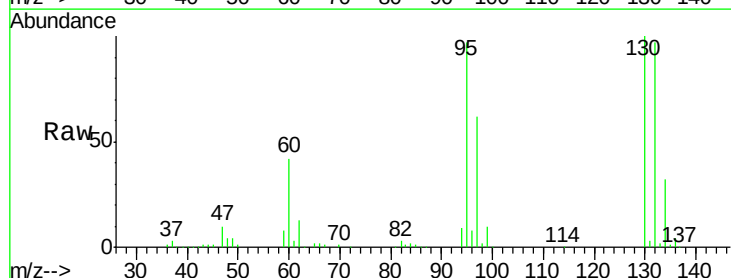
RT: 6.17 min Scan# 1579

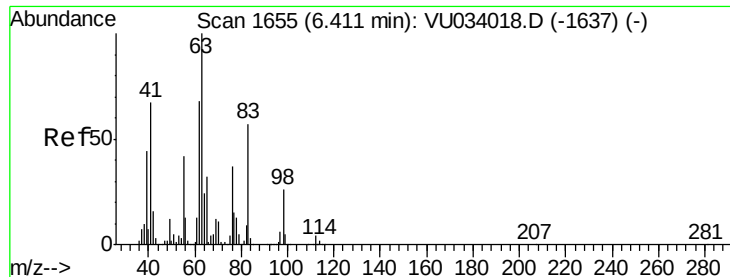
Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion:	130	Resp:	237476
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	199.6





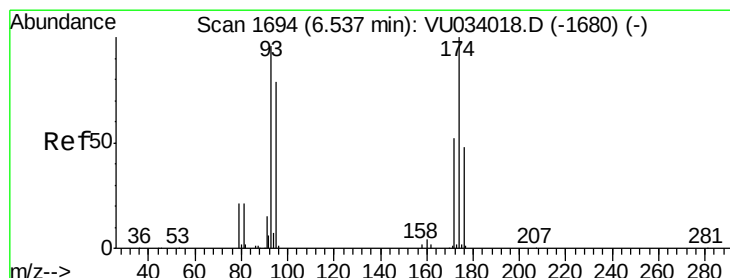
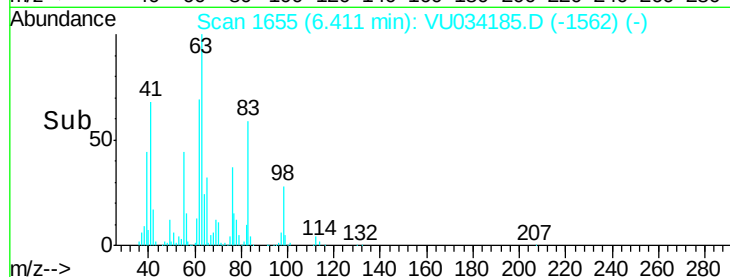
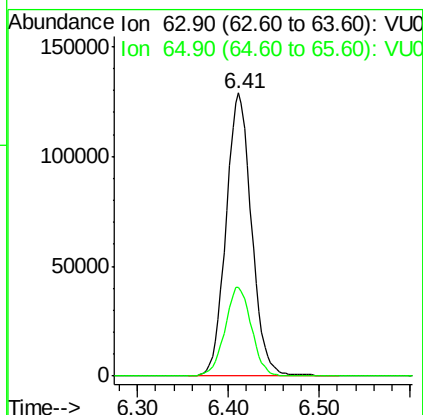
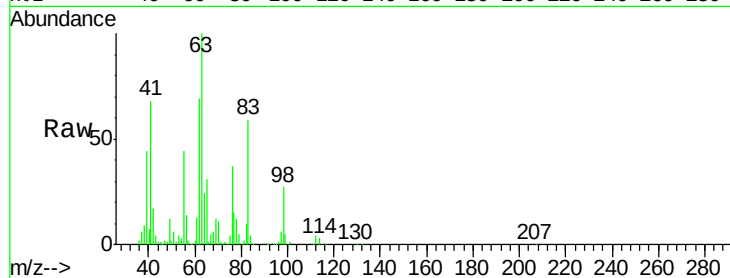
#45
 1,2-Dichloropropane
 Concen: 50.494 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	251538		
65	31.5		25.4	38.2

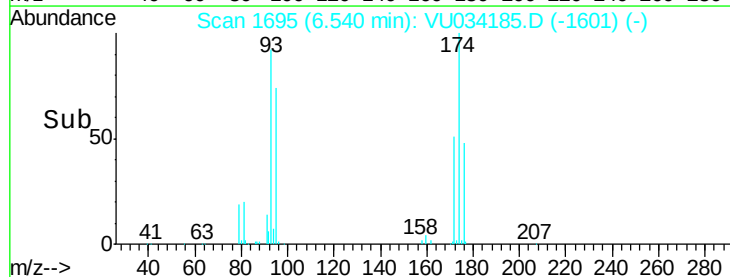
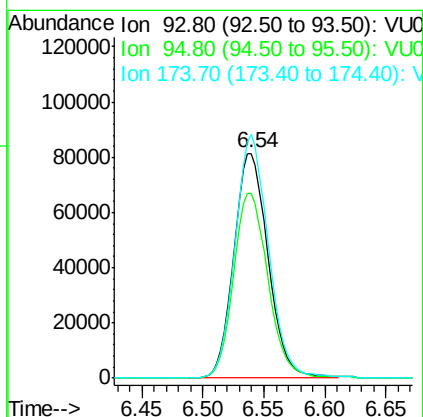
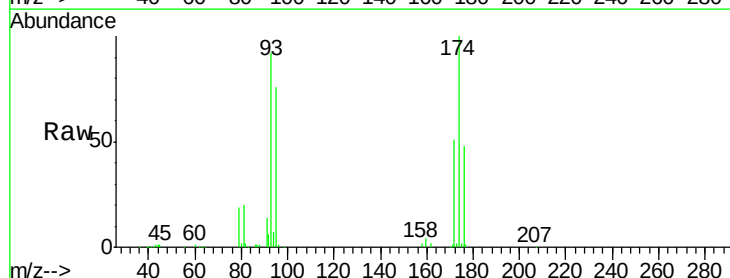
Manual Integrations
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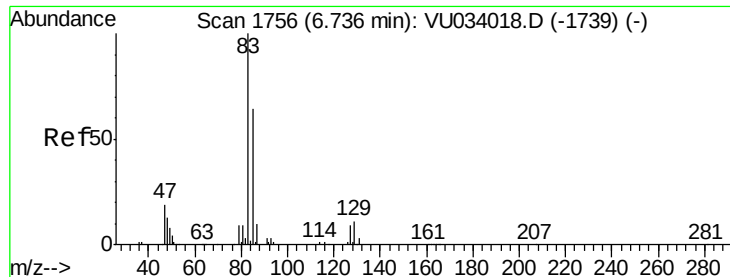
MMDadoda
 9/3/2019 11:43:59 AM



#46
 Dibromomethane
 Concen: 49.386 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158500		
95	82.6		66.7	100.1
174	105.8		84.9	127.3





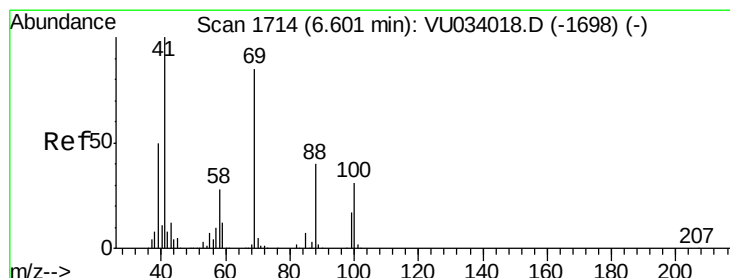
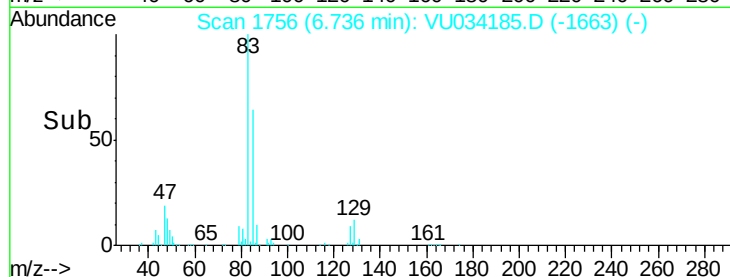
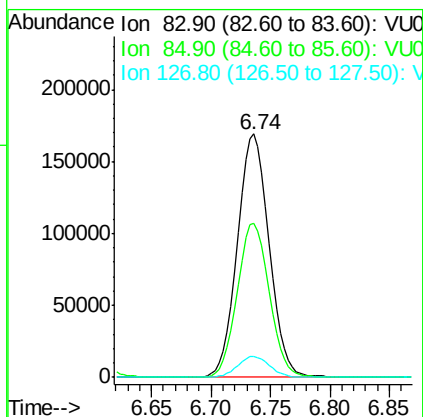
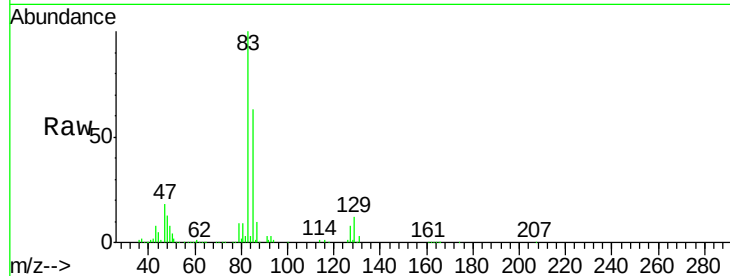
#47
Bromodichloromethane
Concen: 49.848 ug/l
RT: 6.74 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.2	51.2	76.8	
127	8.5	7.0	10.6	

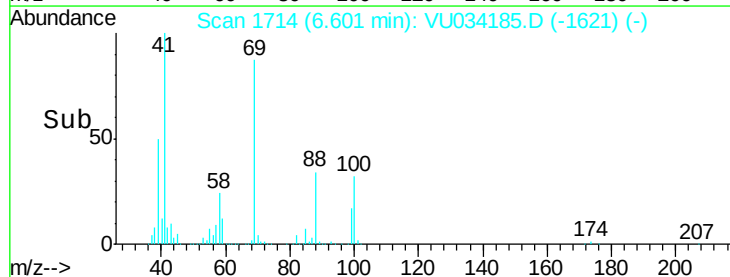
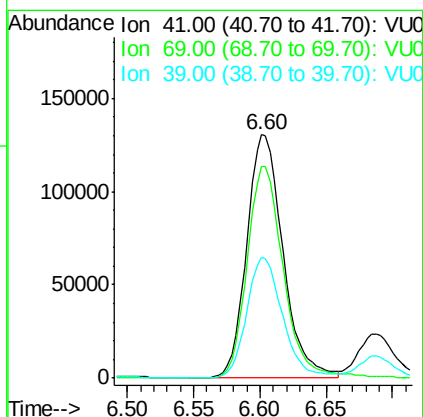
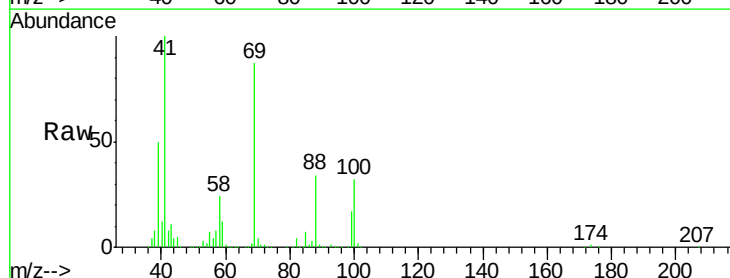
Manual Integrations
APPROVED

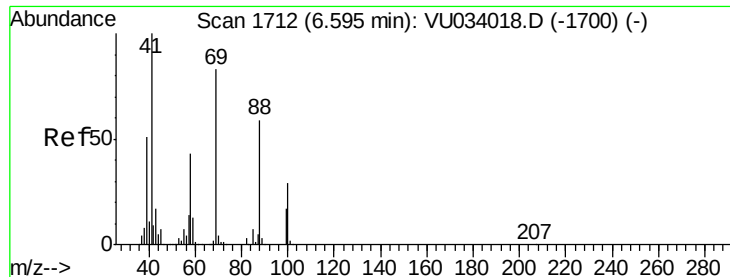
MMDadoda
9/3/2019 11:43:59 AM



#48
Methyl methacrylate
Concen: 50.154 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	88.2	69.5	104.3	
39	49.1	40.3	60.5	





#49

1,4-Dioxane

Concen: 874.053 ug/l

RT: 6.59 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

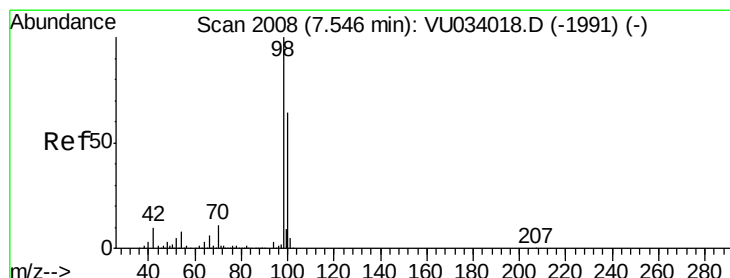
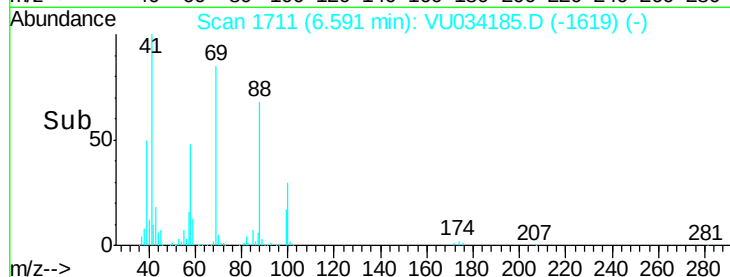
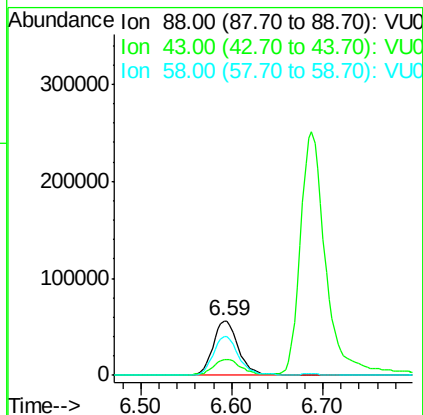
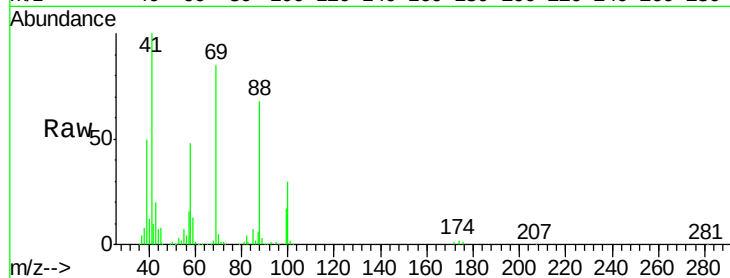
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	107686
Ion	Ratio	Lower	Upper
88	100		
43	30.0	24.8	37.2
58	72.1	59.3	88.9

Manual Integrations
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9/3/2019 11:43:59 AM



#50

Toluene-d8

Concen: 50.763 ug/l

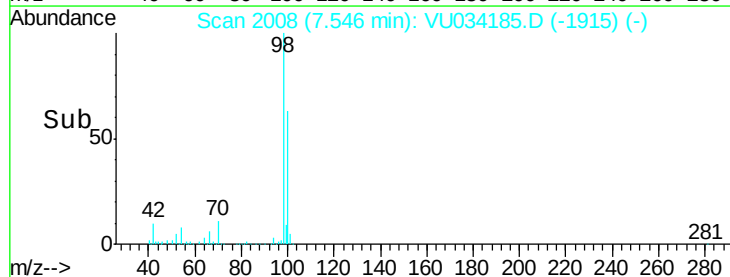
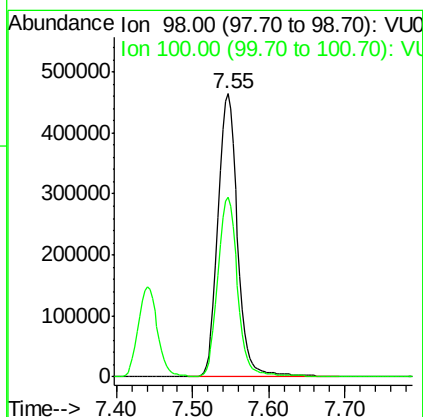
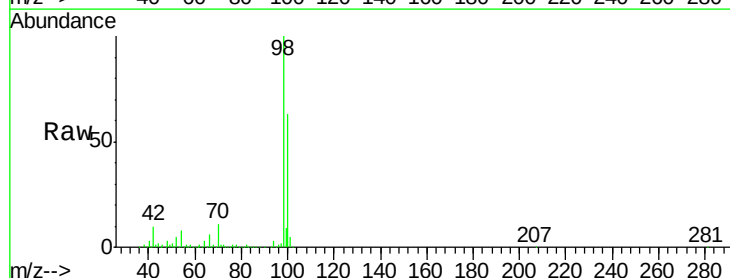
RT: 7.55 min Scan# 2008

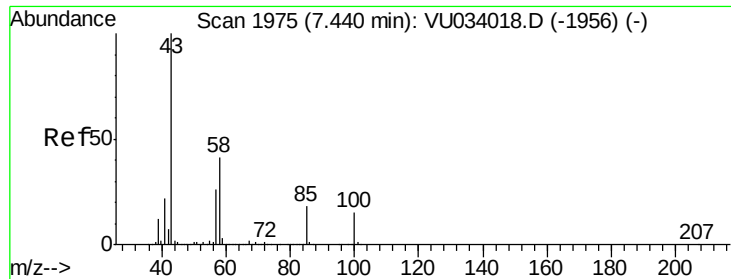
Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion:	98	Resp:	833672
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.3	75.5





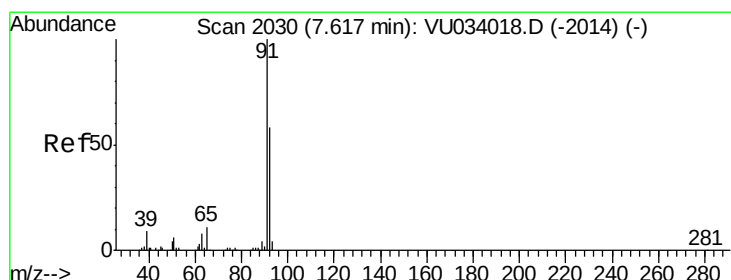
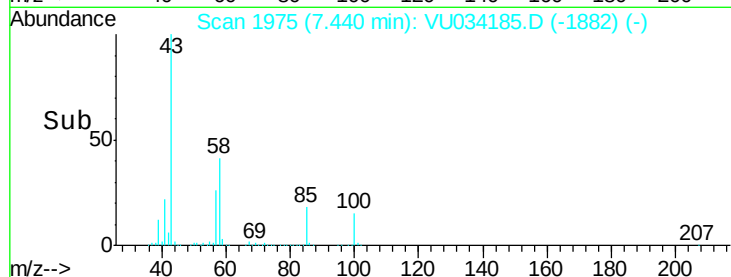
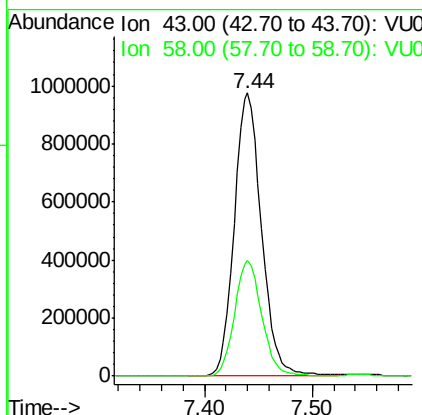
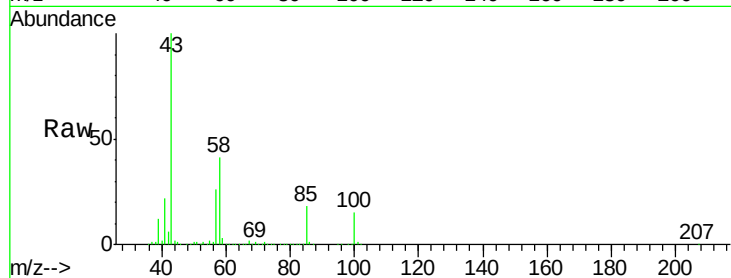
#51
4-Methyl-2-Pentanone
Concen: 243.946 ug/l
RT: 7.44 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1716713
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4

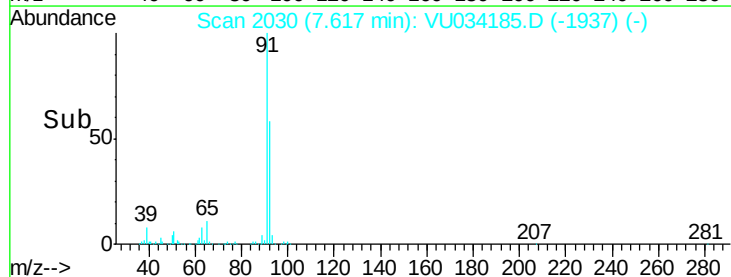
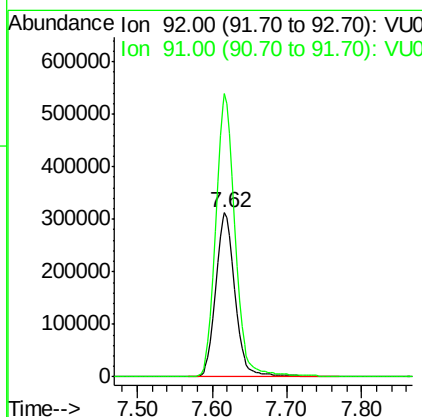
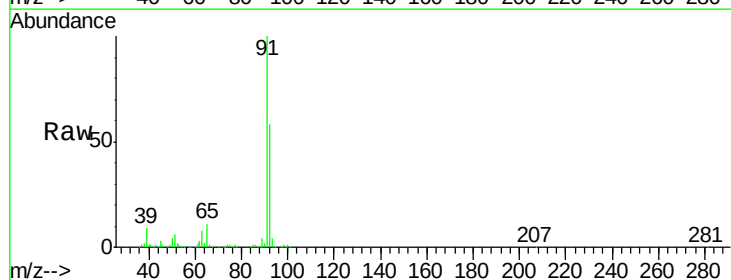
Manual Integrations
APPROVED

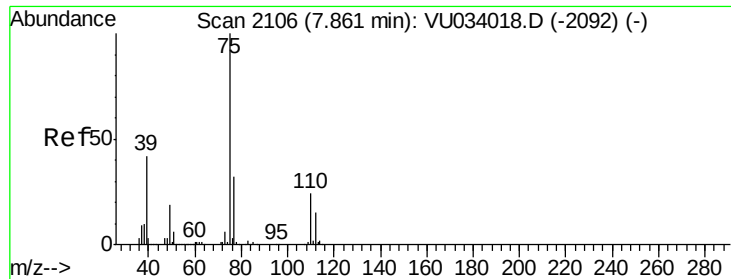
MMDadoda
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#52
Toluene
Concen: 50.455 ug/l
RT: 7.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion: 92 Resp: 562474
Ion Ratio Lower Upper
92 100
91 173.2 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 47.089 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 328086

Ion Ratio Lower Upper

75 100

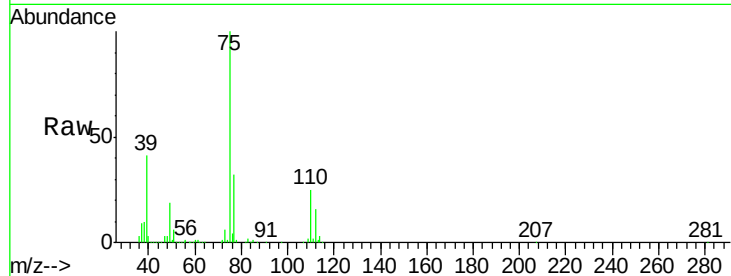
77 31.9 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.86

200000

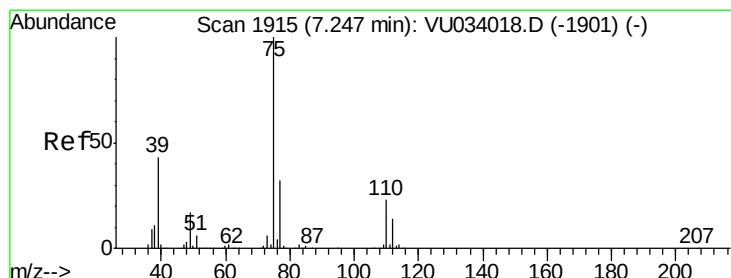
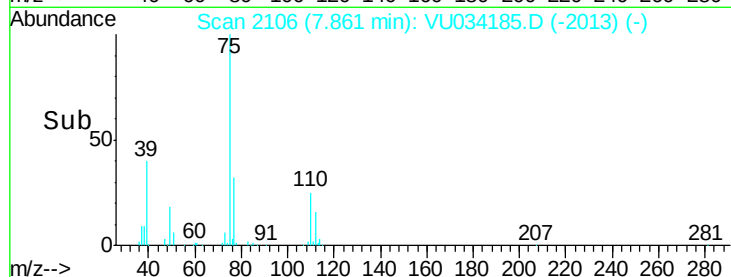
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.889 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

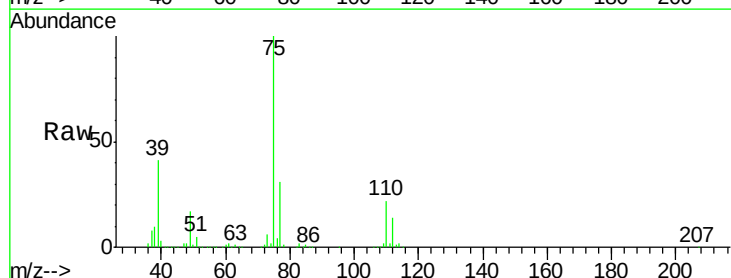
Tgt Ion: 75 Resp: 372135

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 40.8 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

7.25

250000

200000

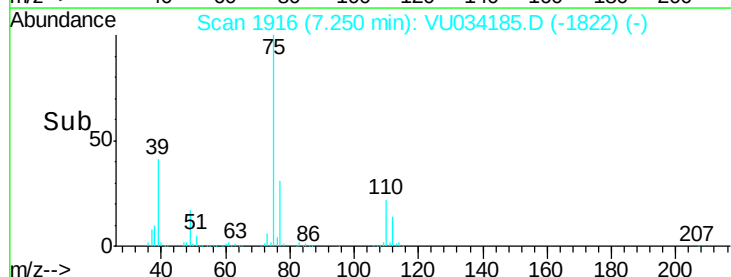
150000

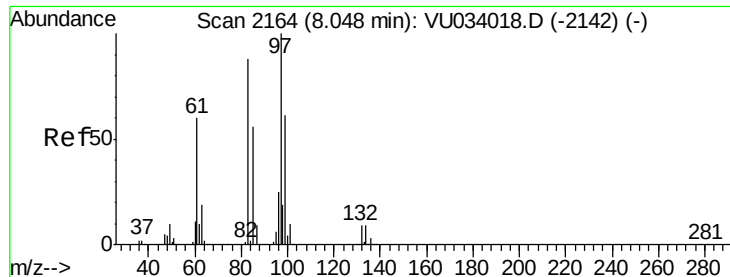
100000

50000

0

Time-->





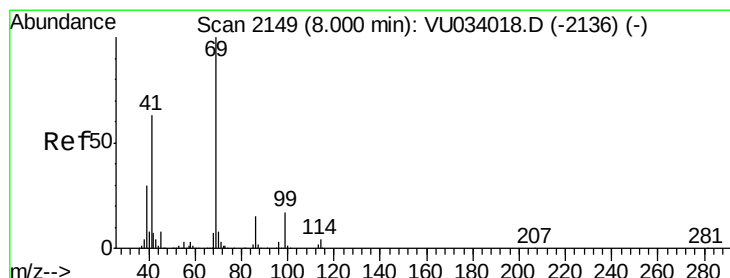
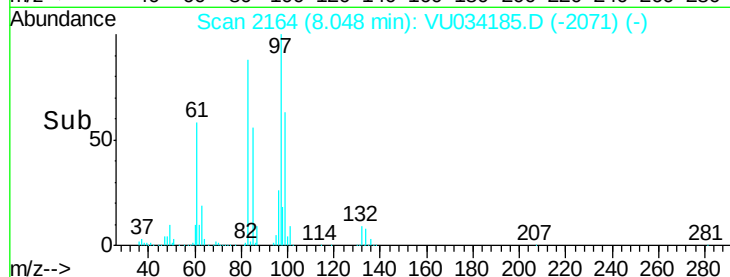
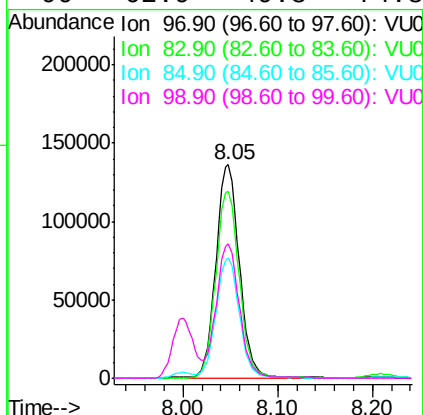
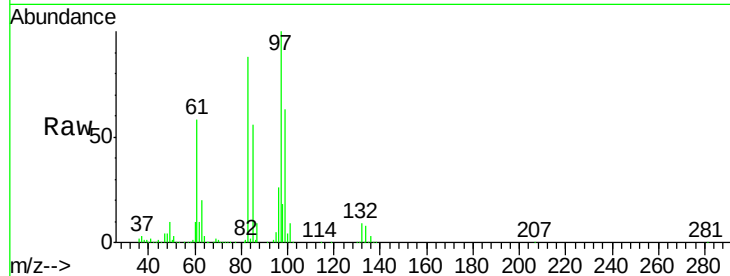
#55
 1,1,2-Trichloroethane
 Concen: 49.575 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	233768
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.1	105.1
85	56.3	45.0	67.4
99	62.9	49.8	74.8

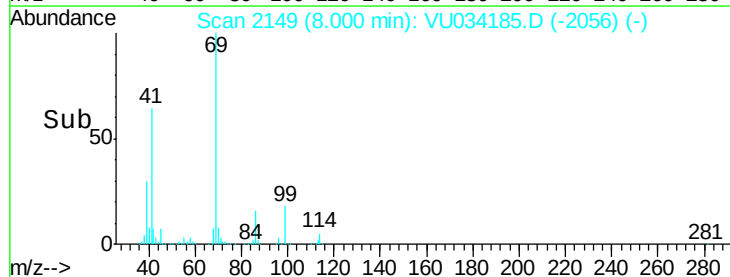
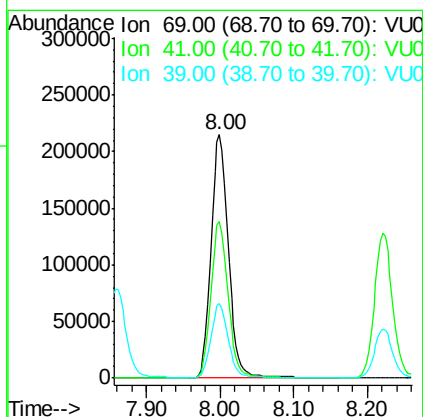
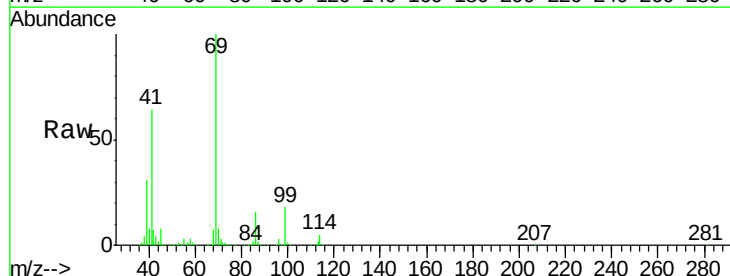
Manual Integrations
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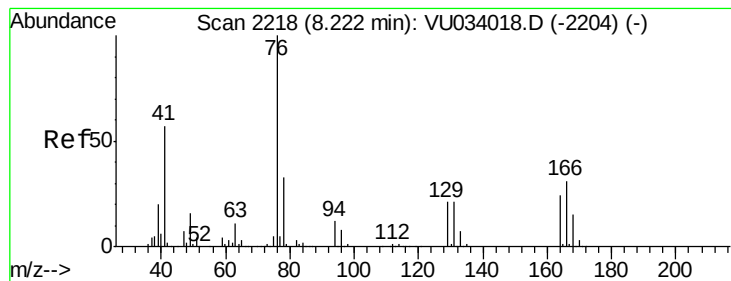
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 45.288 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion:	69	Resp:	353496
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.7	76.1
39	29.9	24.2	36.2





#57

1,3-Dichloropropane

Concen: 49.391 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 395453

Ion Ratio Lower Upper

76 100

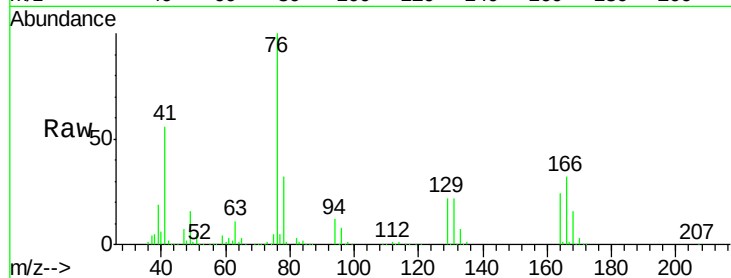
78 31.9 26.2 39.4

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.22

250000

200000

150000

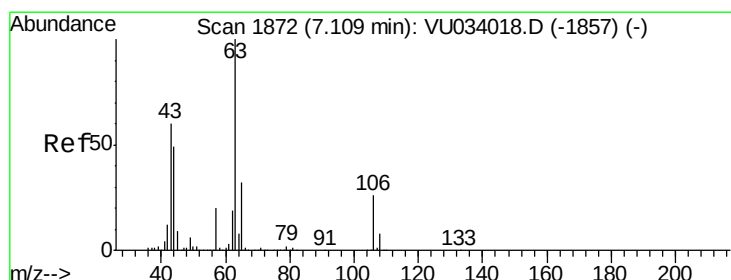
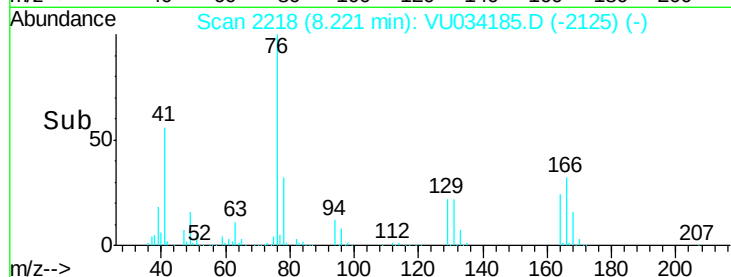
100000

50000

0

8.20 8.30

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 237.028 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VU034185.D

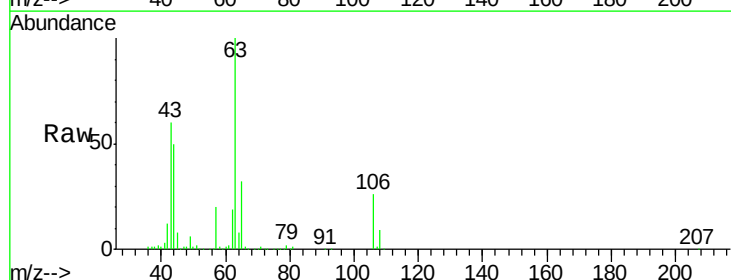
Acq: 01 Sep 2019 21:31

Tgt Ion: 63 Resp: 618343

Ion Ratio Lower Upper

63 100

106 25.8 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

7.11

400000

300000

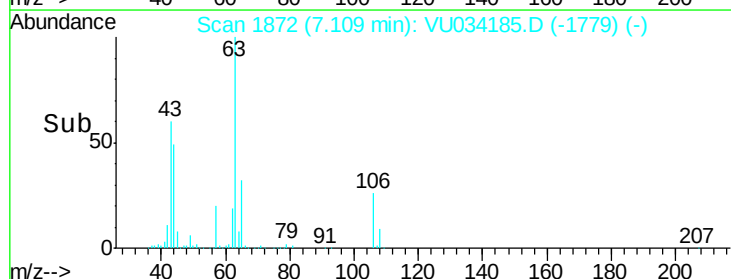
200000

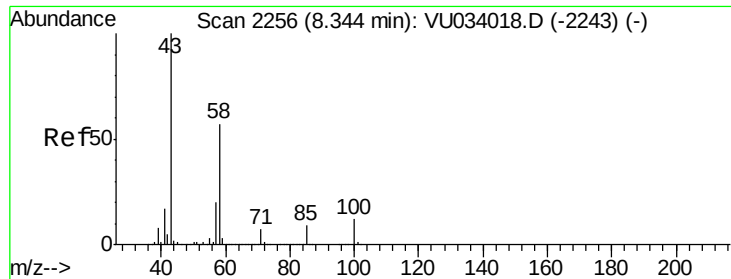
100000

0

7.00 7.10 7.20

Time-->





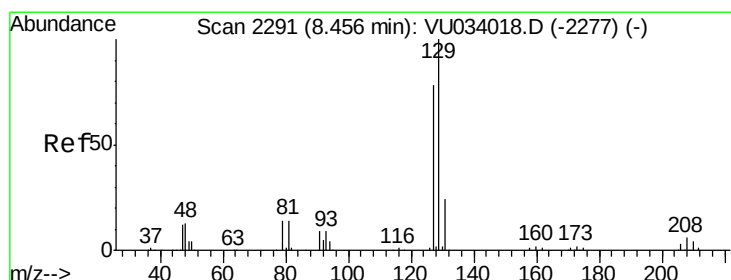
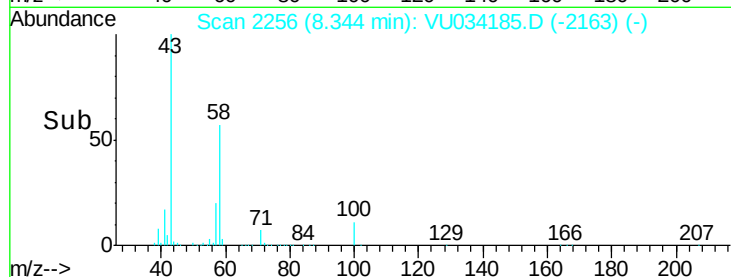
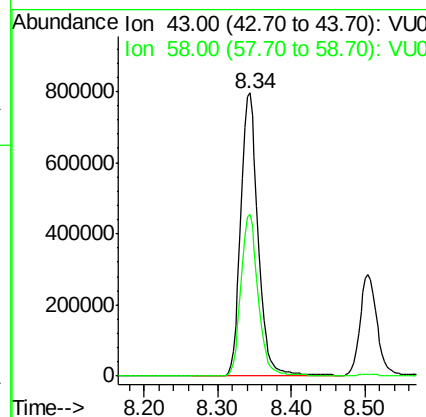
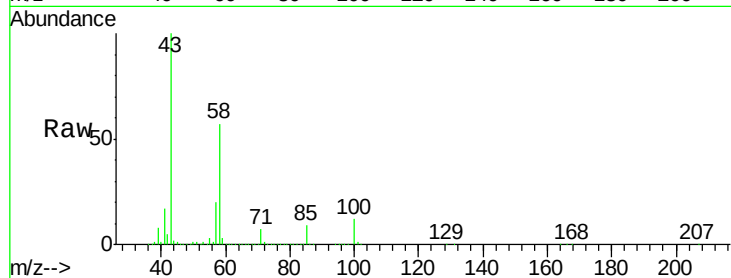
#59
2-Hexanone
Concen: 245.572 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1304599
Ion Ratio Lower Upper
43 100
58 56.9 28.4 85.3

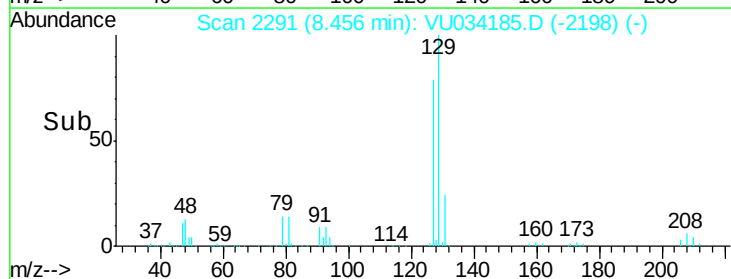
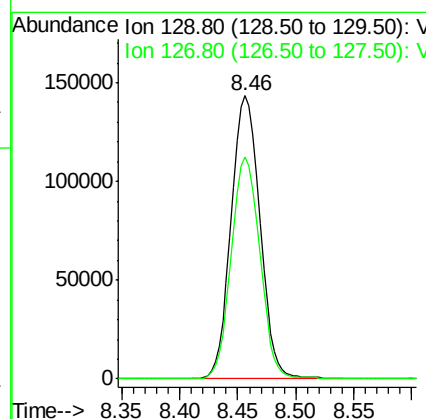
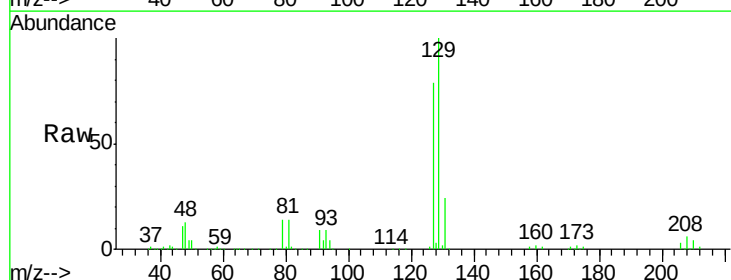
Manual Integrations
APPROVED

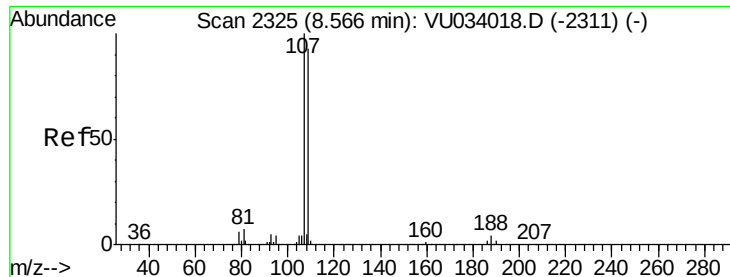
MMDadoda
9/3/2019 11:43:59 AM



#60
Dibromochloromethane
Concen: 48.826 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion: 129 Resp: 247145
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





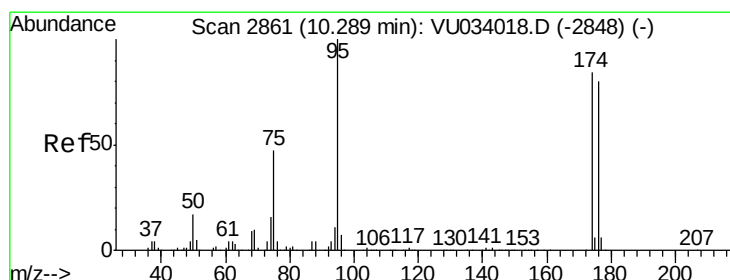
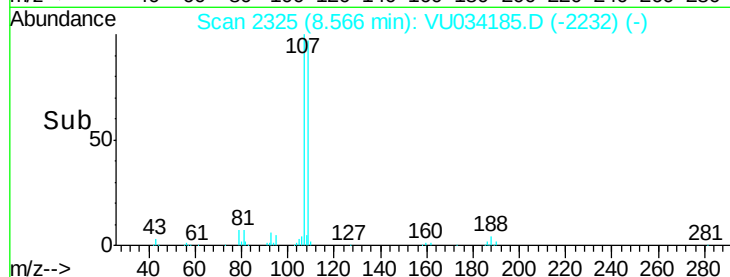
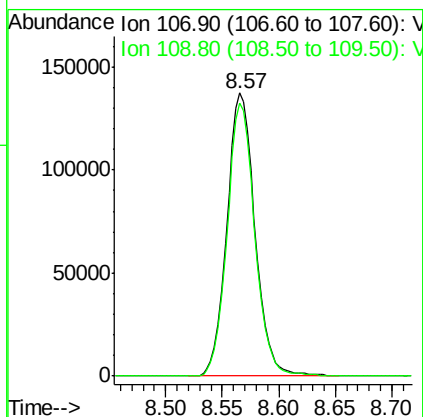
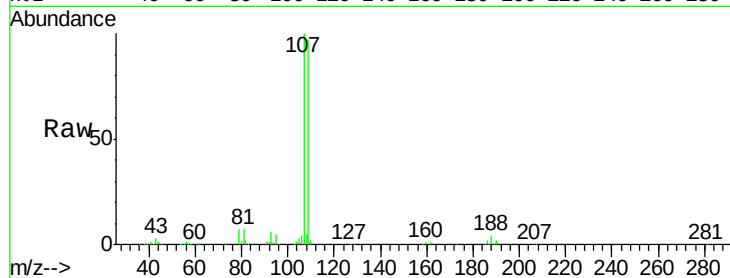
#61
 1,2-Dibromoethane
 Concen: 47.738 ug/l
 RT: 8.57 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.2	112.8

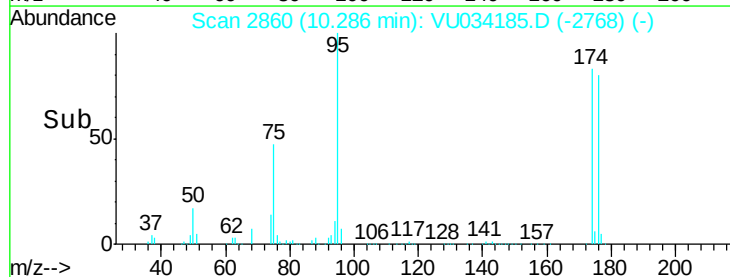
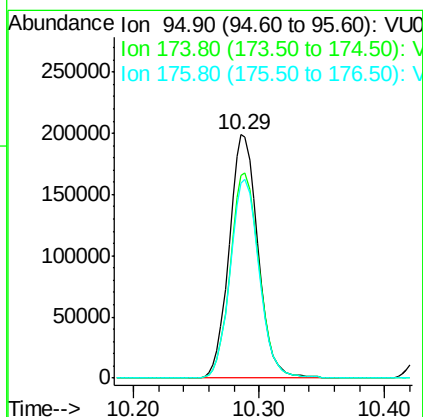
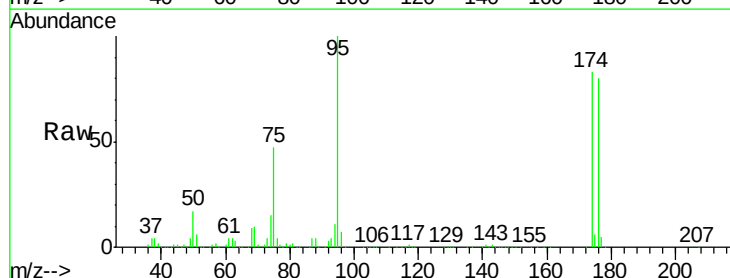
Manual Integrations
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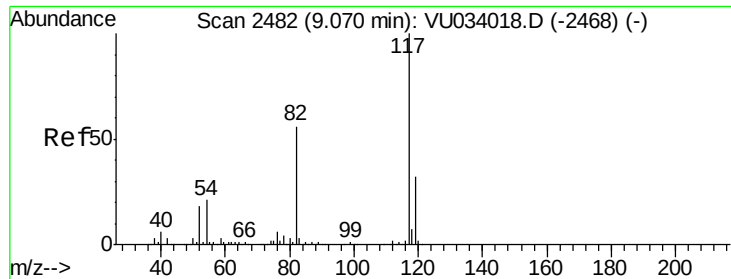
MMDadoda
 9/3/2019 11:43:59 AM



#62
 4-Bromofluorobenzene
 Concen: 49.591 ug/l
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	168.8
176	82.2	0.0	161.8





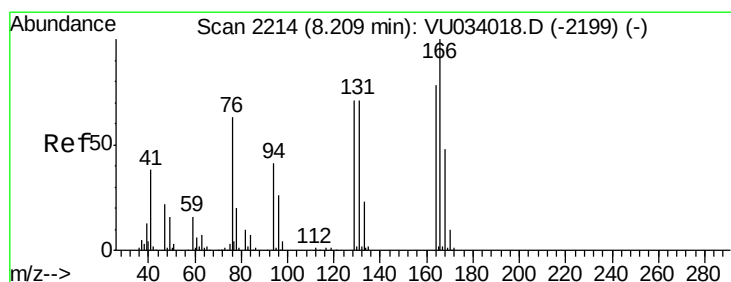
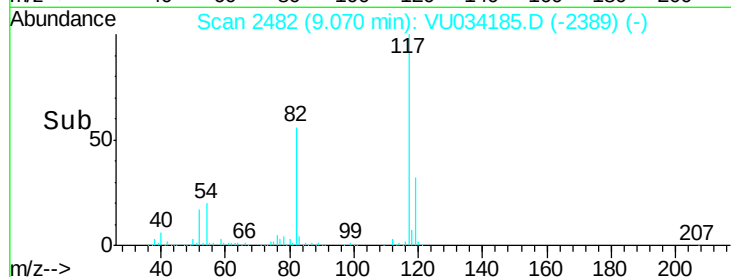
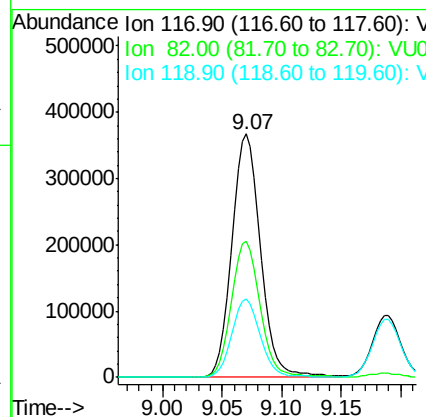
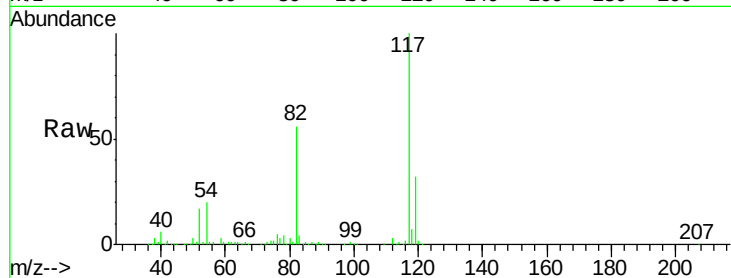
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	613828		
82	55.9	45.1	67.7	
119	32.2	25.4	38.0	

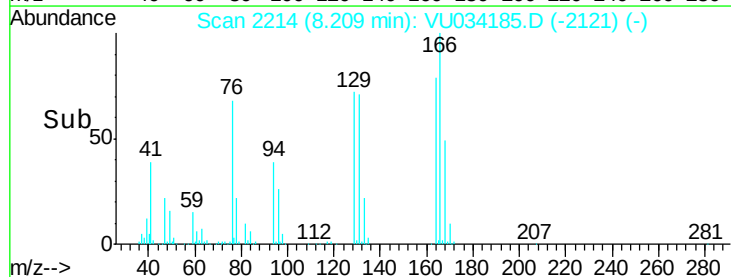
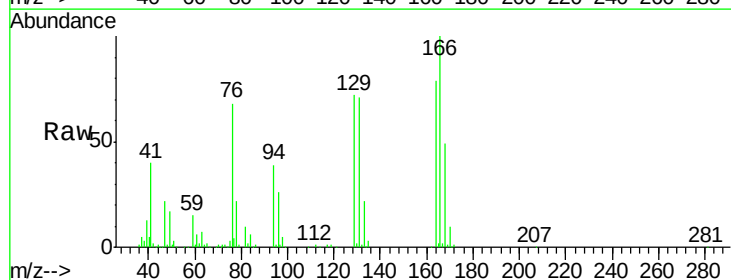
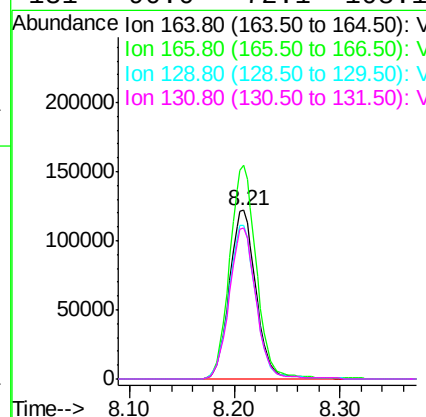
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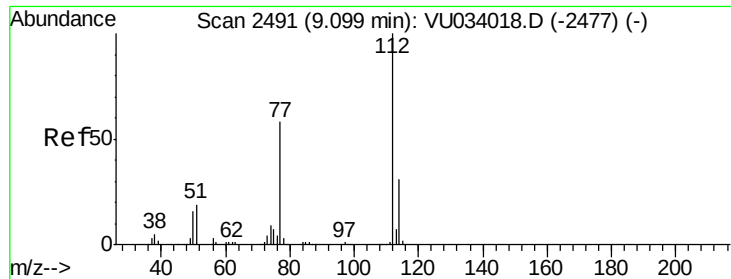
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#64
Tetrachloroethene
Concen: 51.494 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212270		
166	126.8	102.2	153.2	
129	91.3	72.4	108.6	
131	90.0	72.1	108.1	





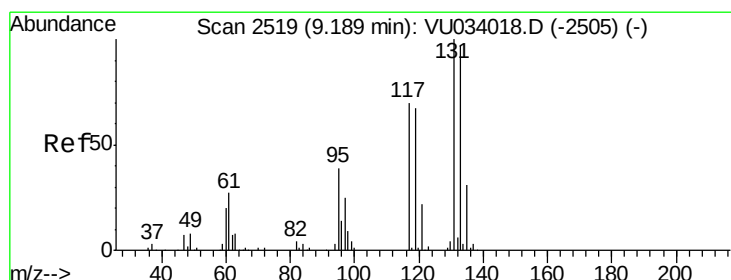
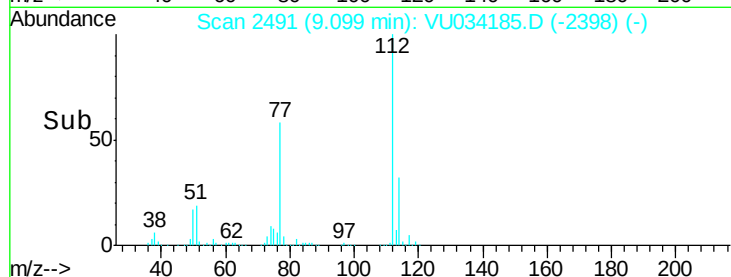
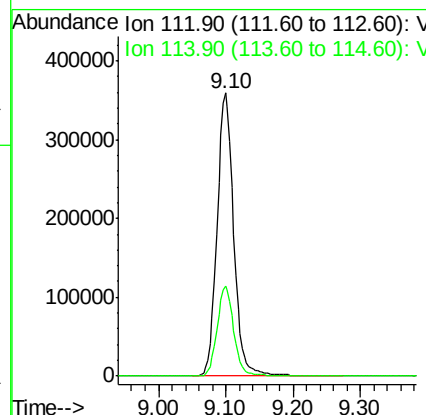
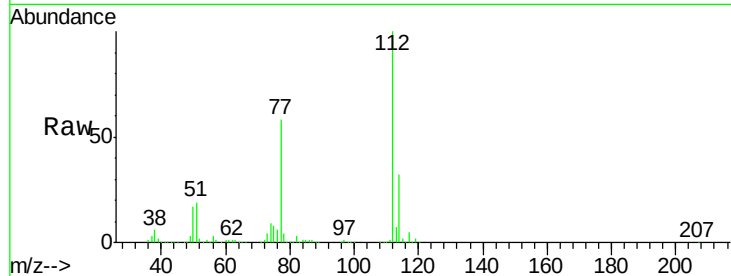
#65
Chlorobenzene
Concen: 48.990 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.0	37.4

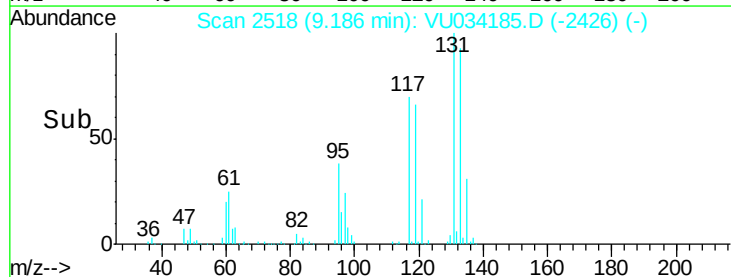
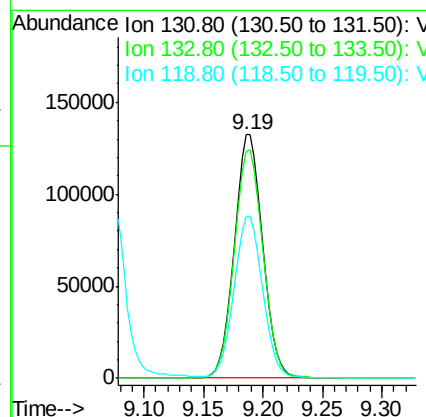
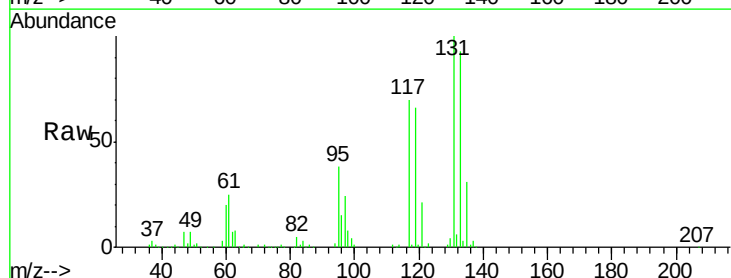
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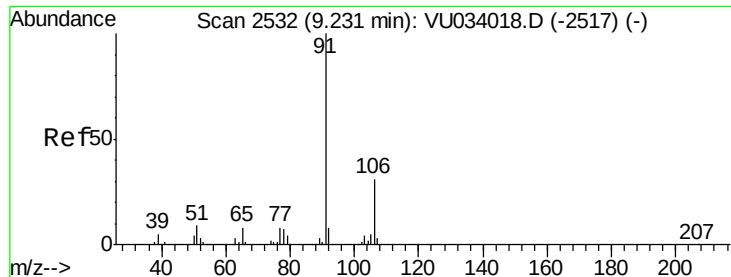
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.818 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.4	145.2
119	67.7	33.6	100.6





#67

Ethyl Benzene

Concen: 49.884 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1068164

Ion Ratio Lower Upper

91 100

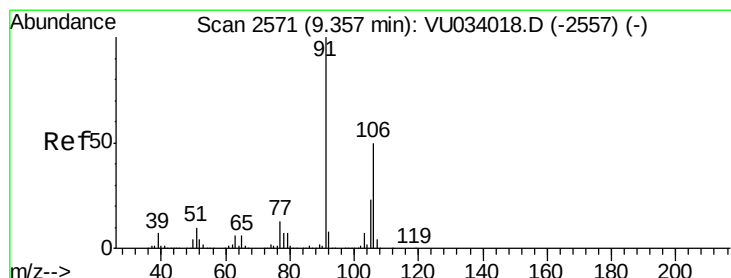
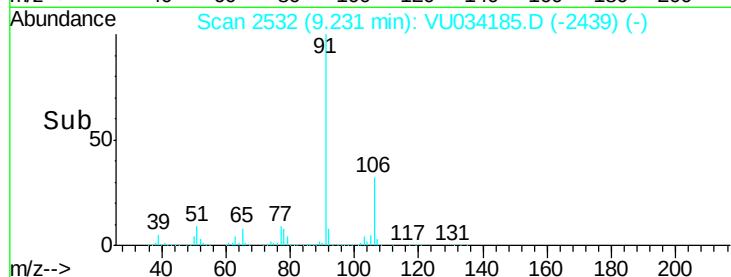
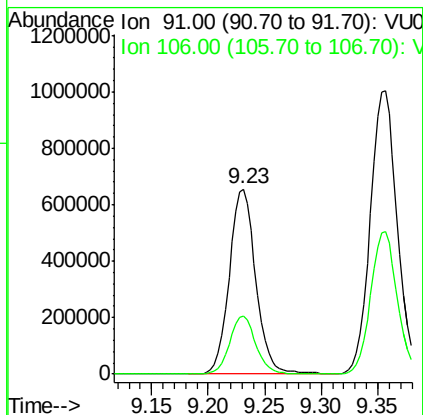
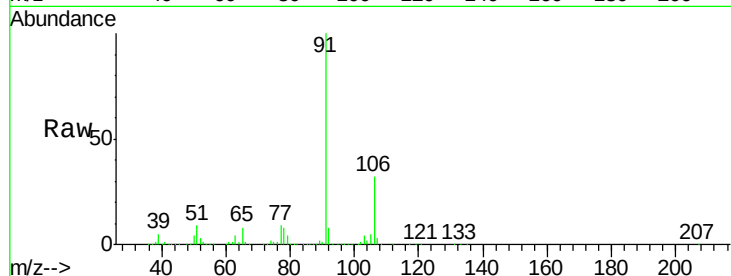
106 31.5 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 102.459 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU034185.D

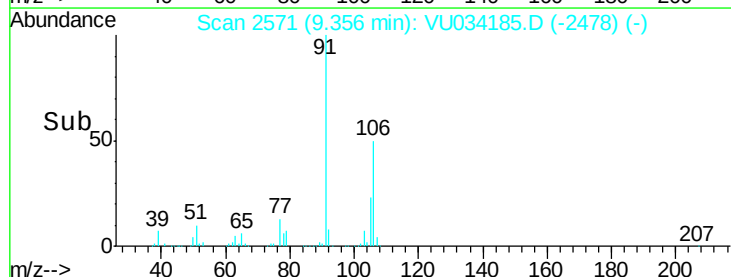
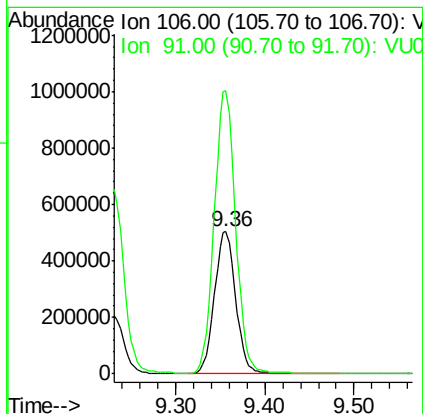
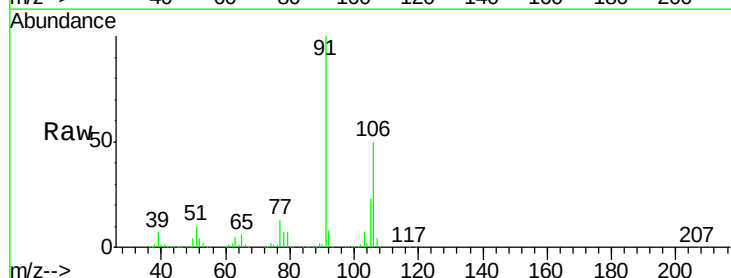
Acq: 01 Sep 2019 21:31

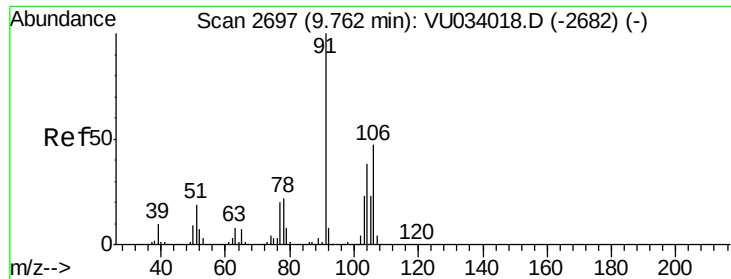
Tgt Ion: 106 Resp: 834223

Ion Ratio Lower Upper

106 100

91 200.3 161.6 242.4





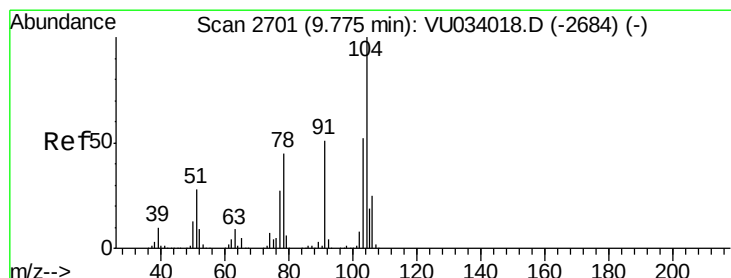
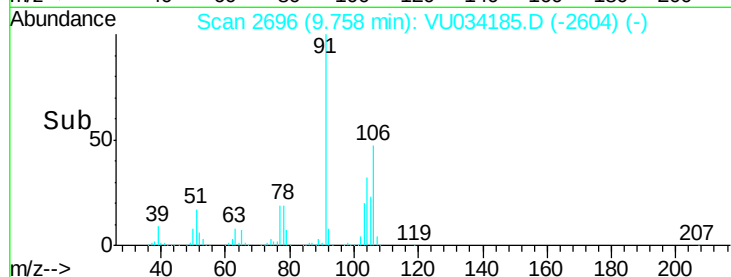
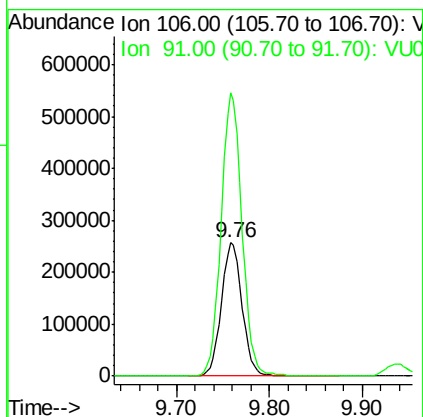
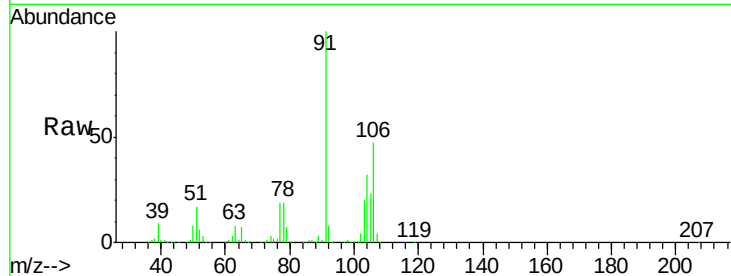
#69
o-Xylene
Concen: 51.080 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.7	106.0	318.0

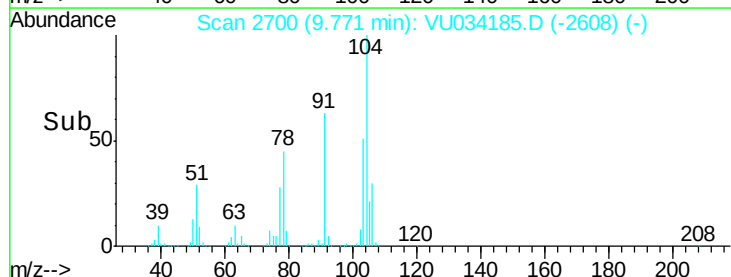
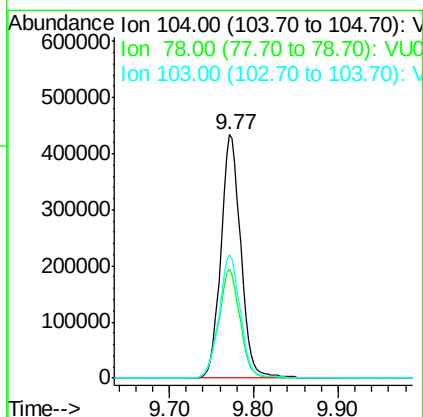
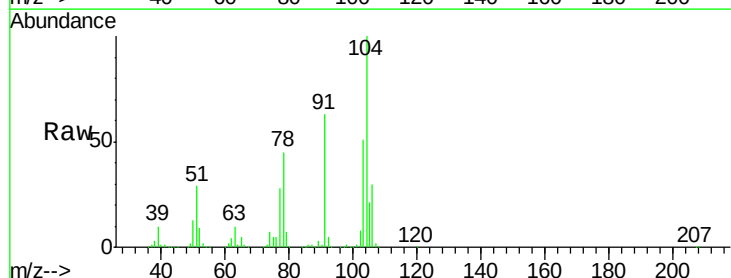
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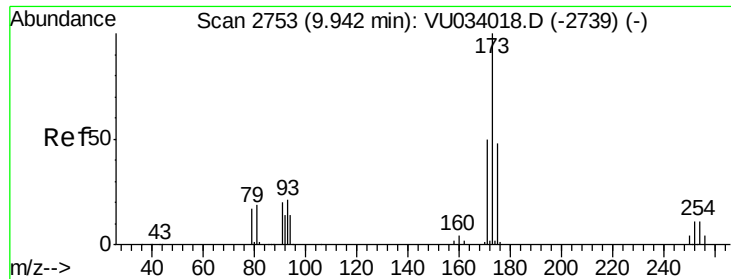
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#70
Styrene
Concen: 53.163 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	39.0	58.4
103	53.9	44.0	66.0





#71

Bromoform

Concen: 46.609 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

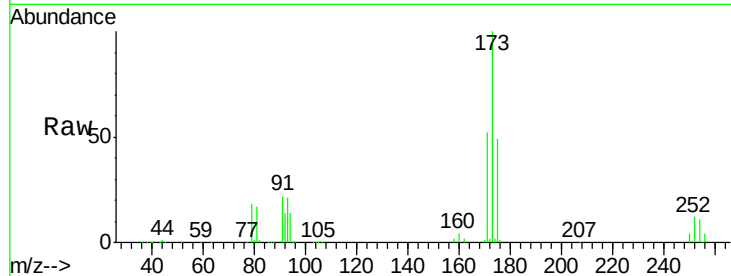
ClientSampleId :

VSTDCCC050EC

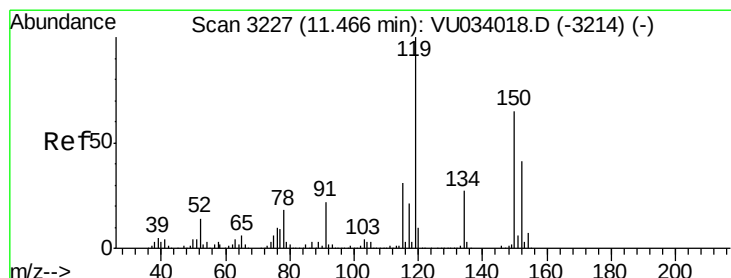
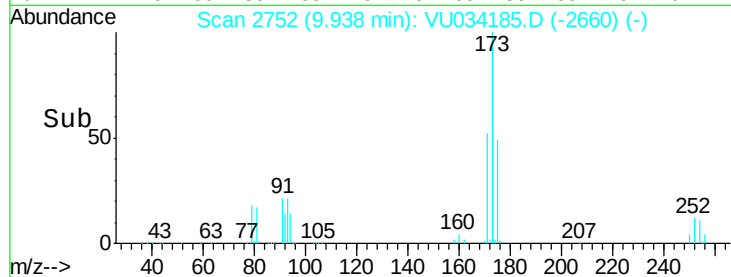
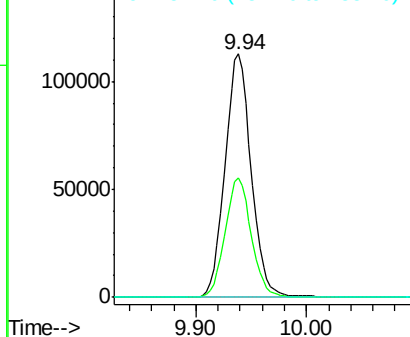
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.1	0.0	0.0#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

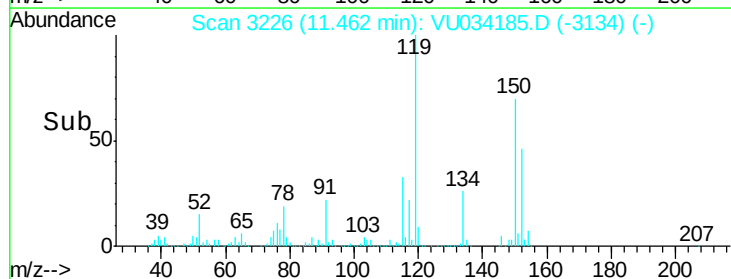
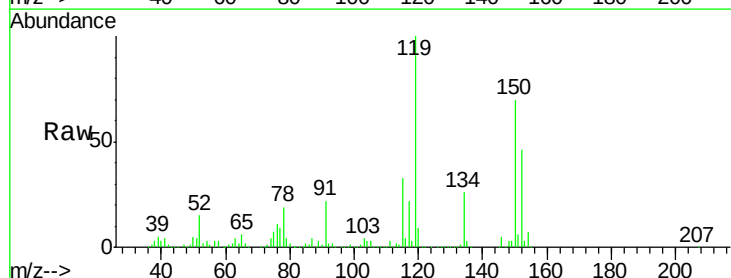
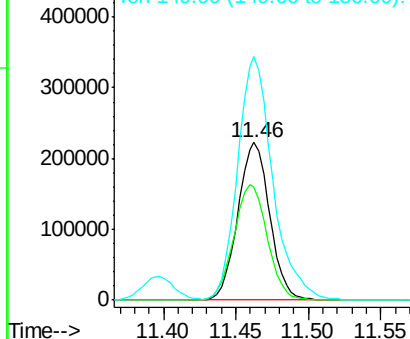
Delta R.T. -0.00 min

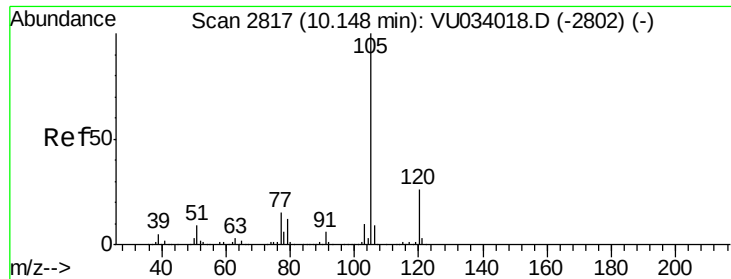
Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	41.1	123.3
150	170.8	0.0	348.8

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.989 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1072092

Ion Ratio Lower Upper

105 100

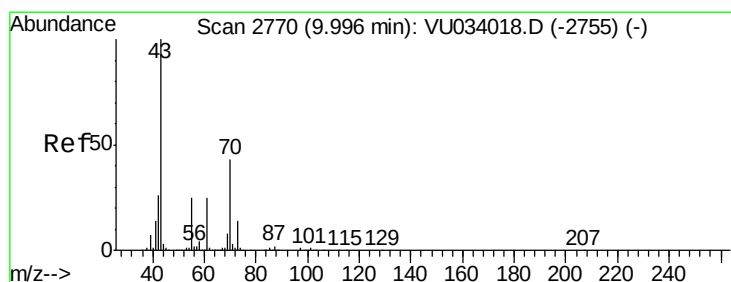
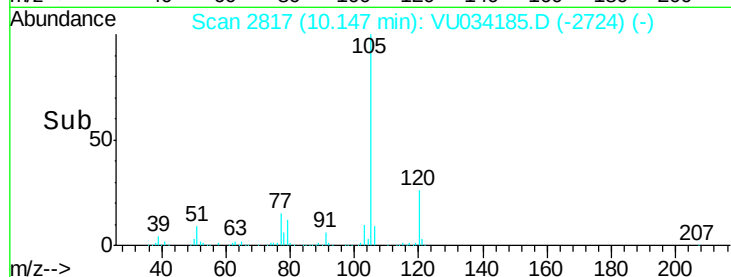
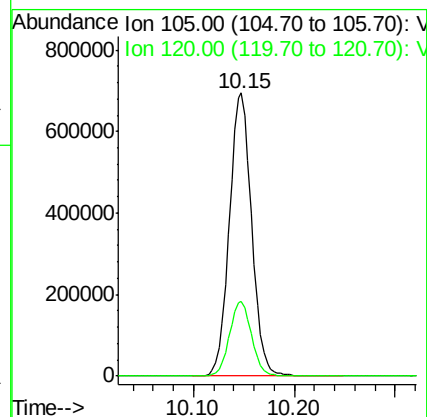
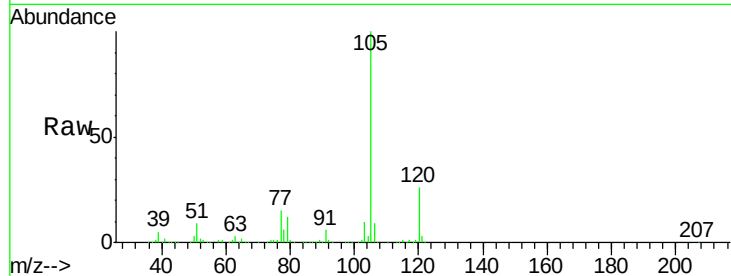
120 26.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 47.745 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion: 43 Resp: 458173

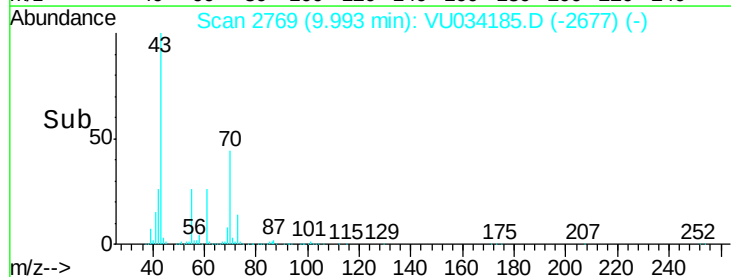
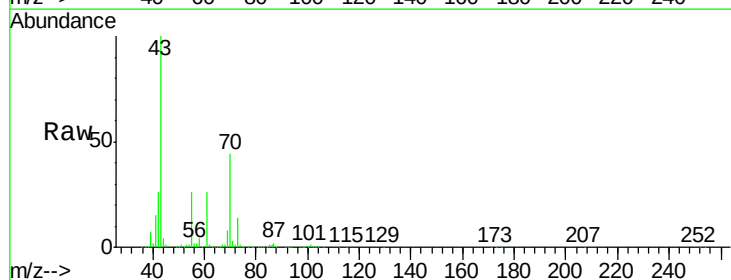
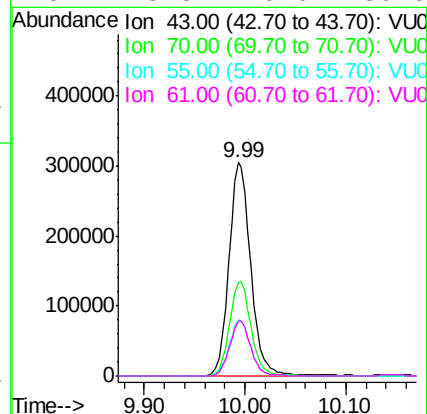
Ion Ratio Lower Upper

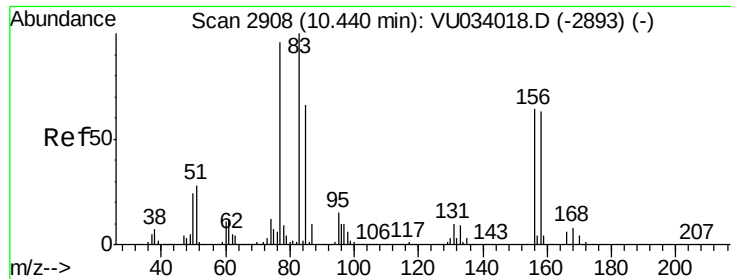
43 100

70 44.0 35.2 52.8

55 26.4 20.5 30.7

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.631 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

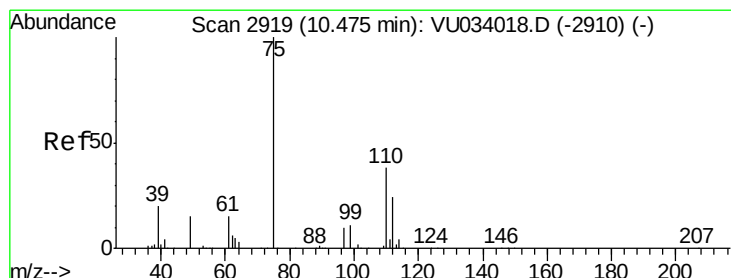
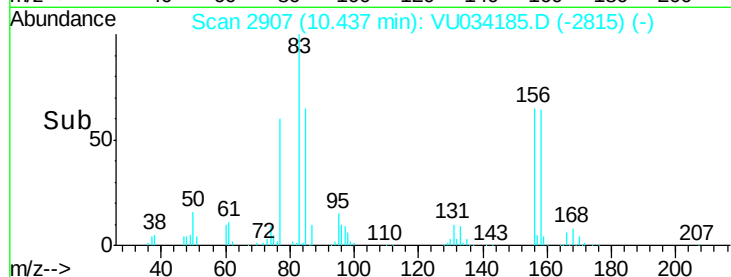
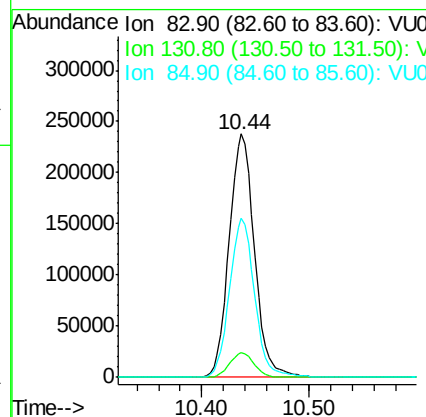
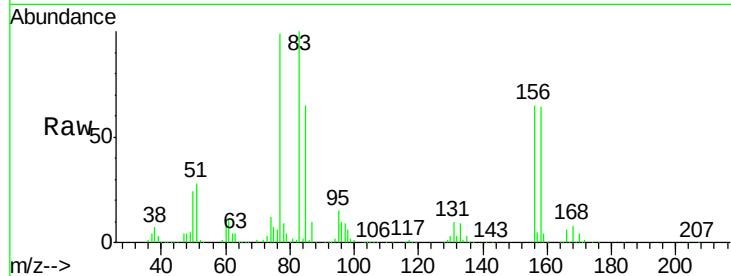
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	389751
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	64.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 44.384 ug/l m

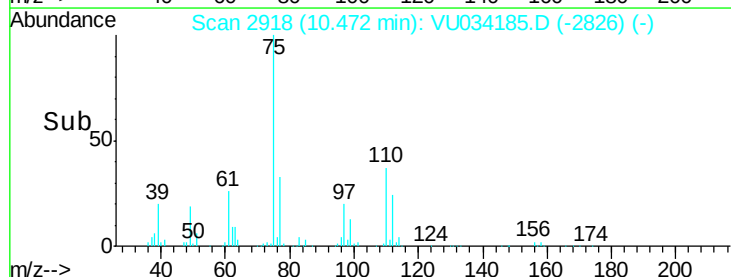
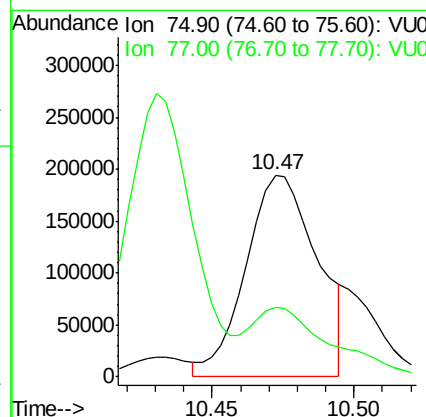
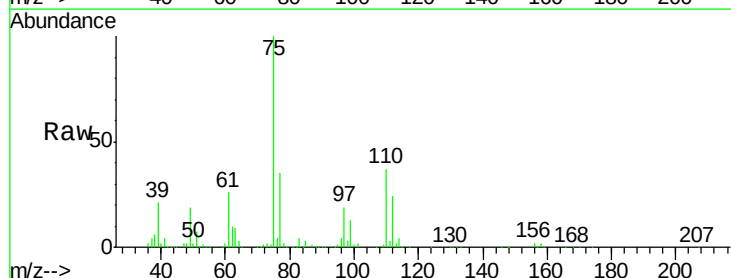
RT: 10.47 min Scan# 2918

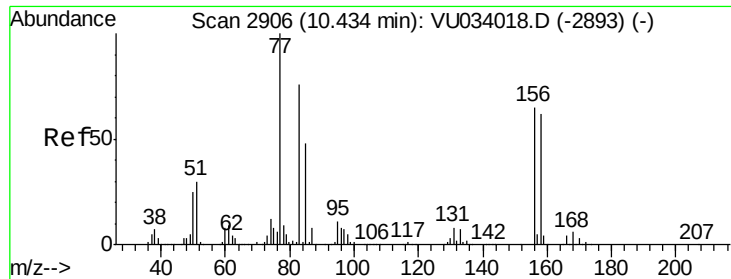
Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Tgt Ion:	75	Resp:	339793
Ion Ratio	Lower	Upper	
75	100		
77	38.3	20.1	60.2





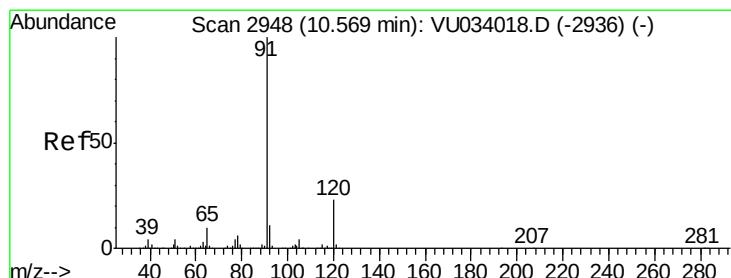
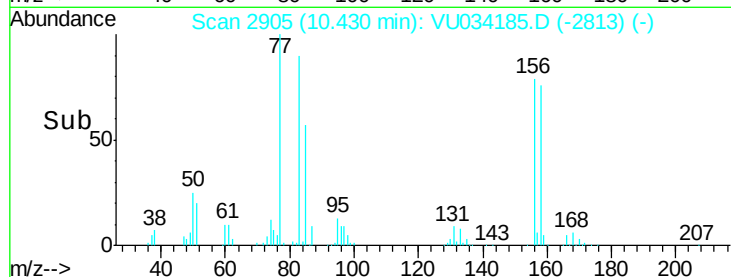
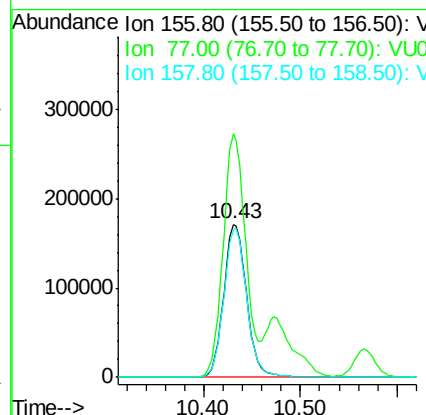
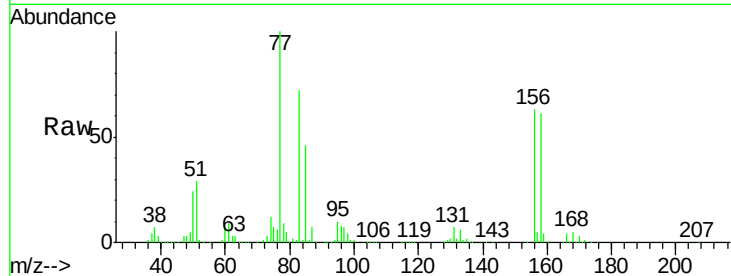
#77
Bromobenzene
Concen: 45.848 ug/l
RT: 10.43 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.0	76.8	230.5
158	97.3	48.4	145.0

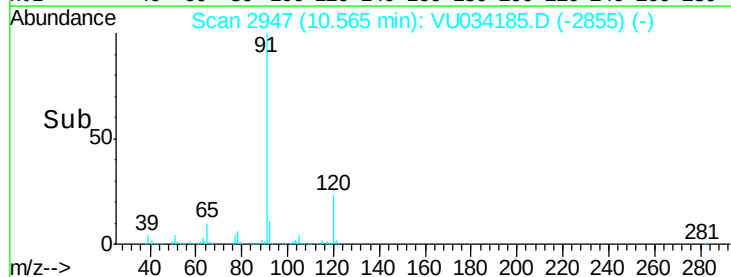
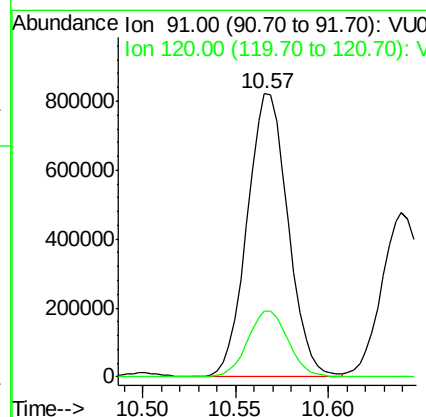
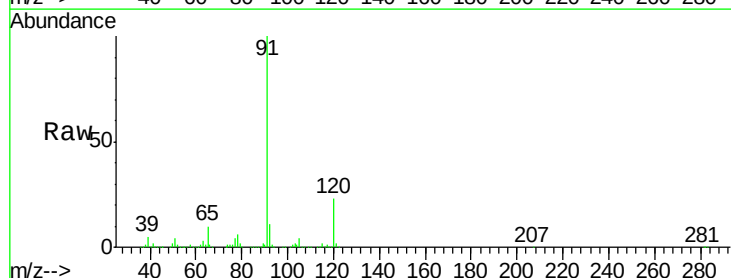
Manual Integrations
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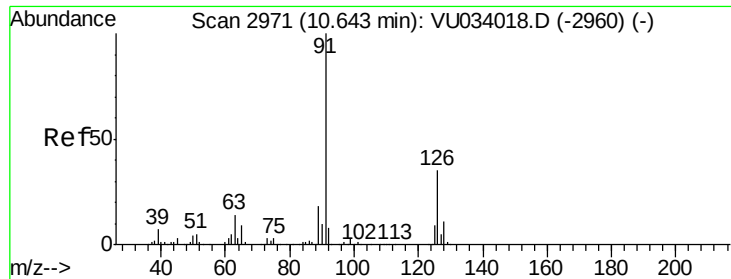
MMDadoda
9/3/2019 11:43:59 AM



#78
n-propylbenzene
Concen: 47.429 ug/l
RT: 10.57 min Scan# 2947
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 46.782 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 745592

Ion Ratio Lower Upper

91 100

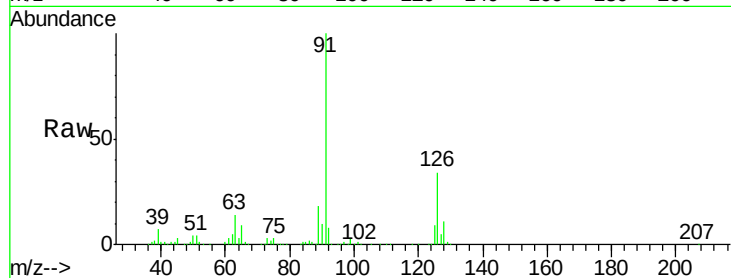
126 34.3 17.1 51.2

Manual Integrations

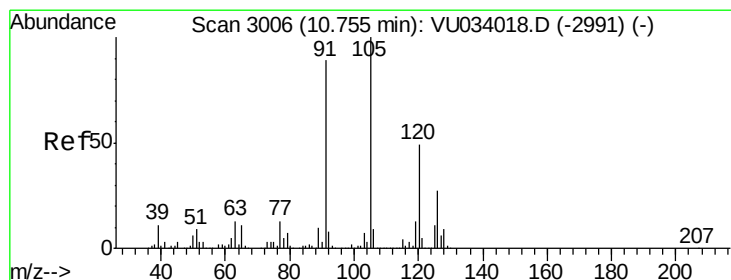
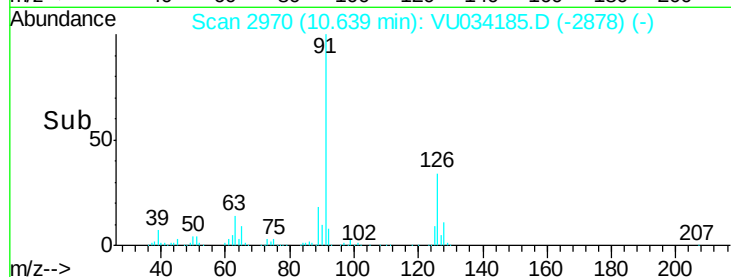
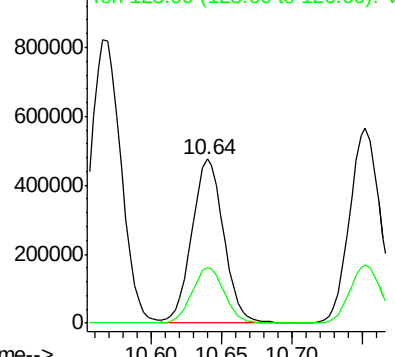
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Abundance Ion 91.00 (90.70 to 91.70): VU034185.D (-2960) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.928 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034185.D

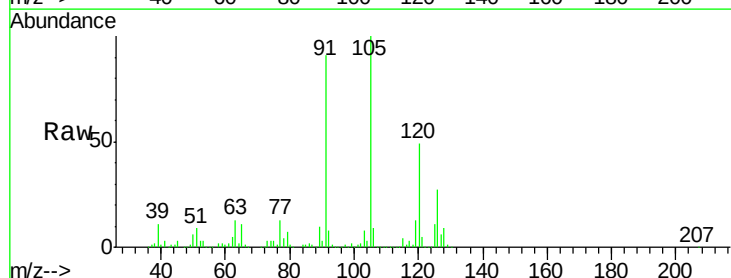
Acq: 01 Sep 2019 21:31

Tgt Ion: 105 Resp: 926836

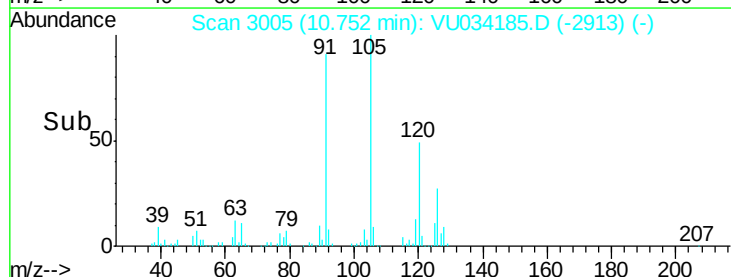
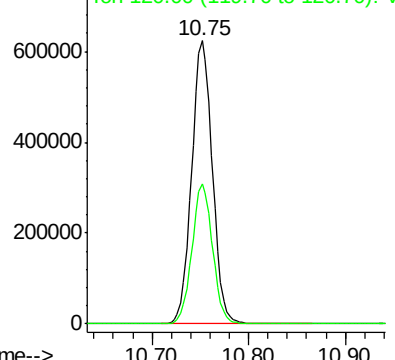
Ion Ratio Lower Upper

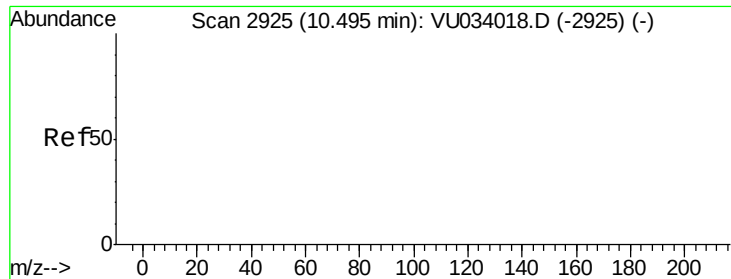
105 100

120 49.2 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VU034185.D (-2991) (-)





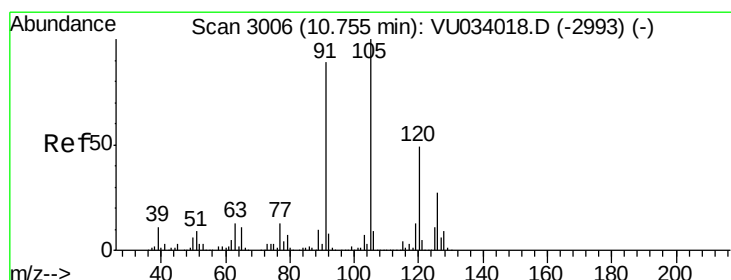
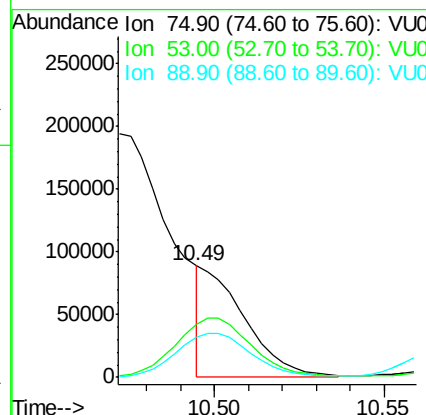
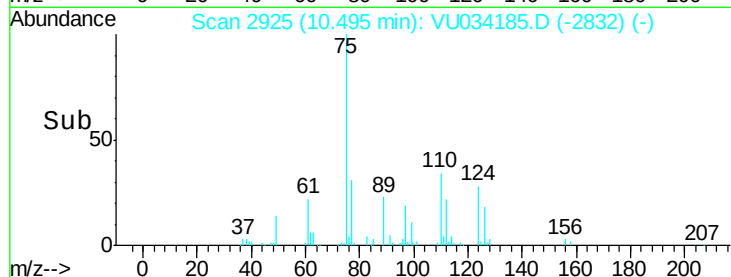
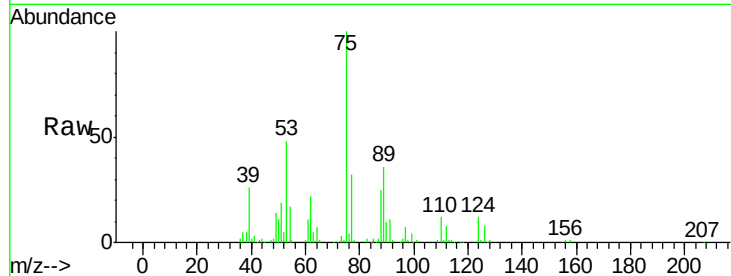
#81
trans-1,4-Dichloro-2-butene
Concen: 33.545 ug/l m
RT: 10.49 min Scan# 2925
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

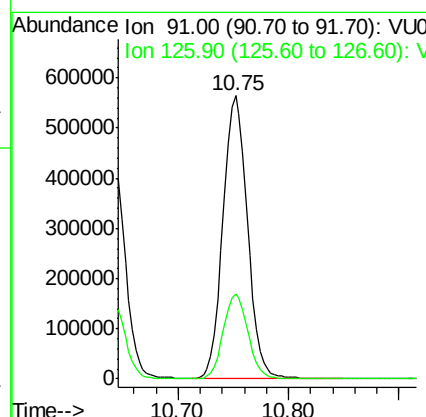
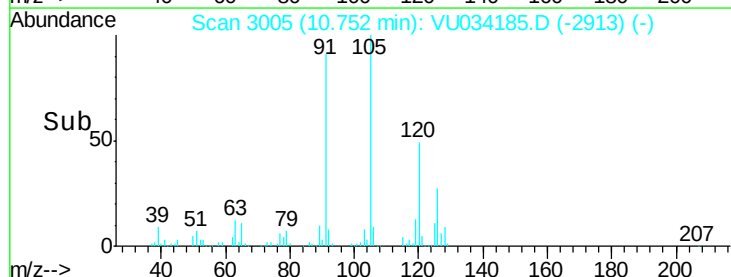
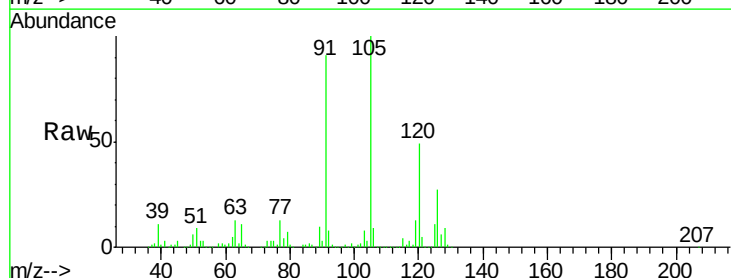
Manual Integrations
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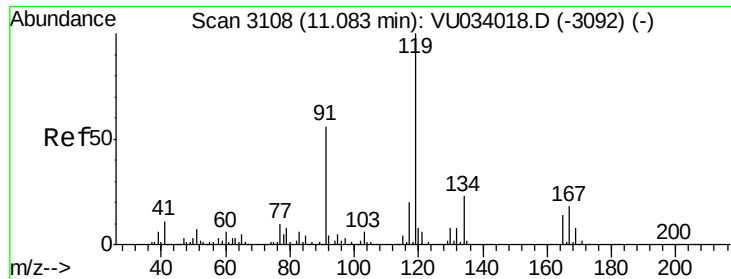
MMDadoda
9/3/2019 11:43:59 AM



#82
4-Chlorotoluene
Concen: 47.295 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.0	45.1





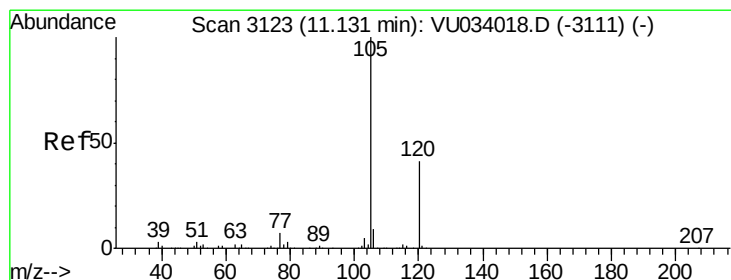
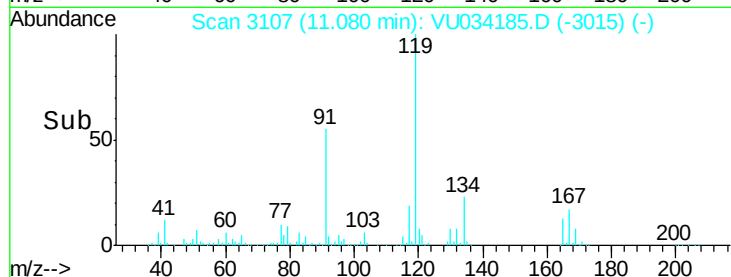
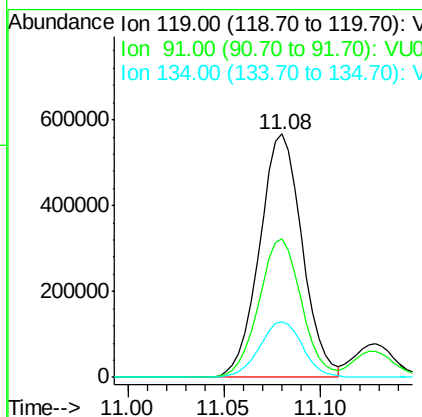
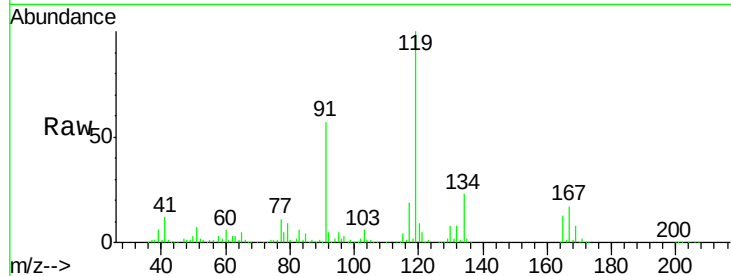
#83
 tert-Butylbenzene
 Concen: 45.800 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	871885		
91	56.7		27.9	83.6
134	23.0		11.4	34.2

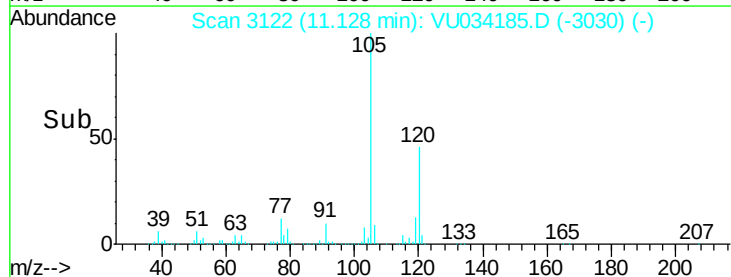
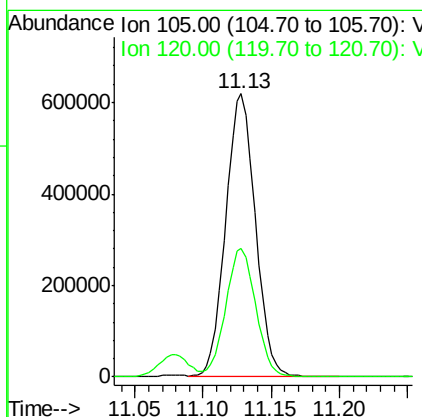
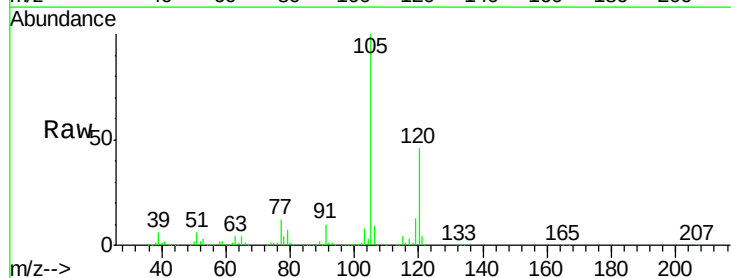
Manual Integrations
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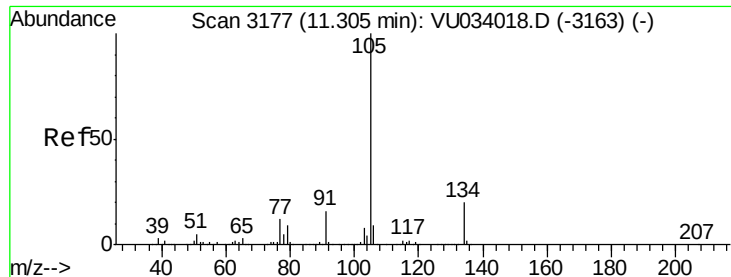
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.713 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	935397		
120	45.8		22.6	67.8





#85

sec-Butylbenzene

Concen: 46.610 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1063480

Ion Ratio Lower Upper

105 100

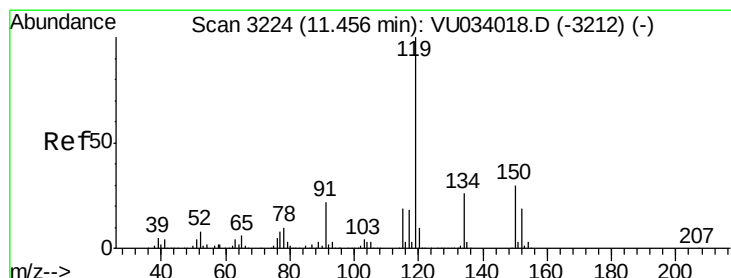
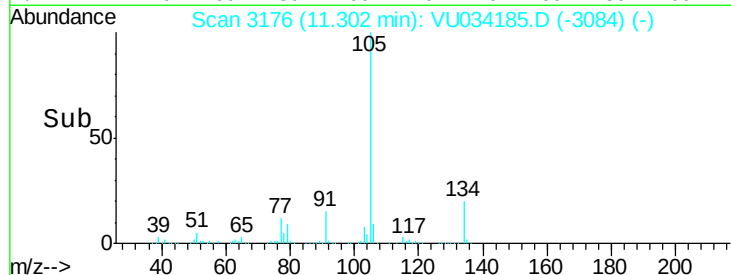
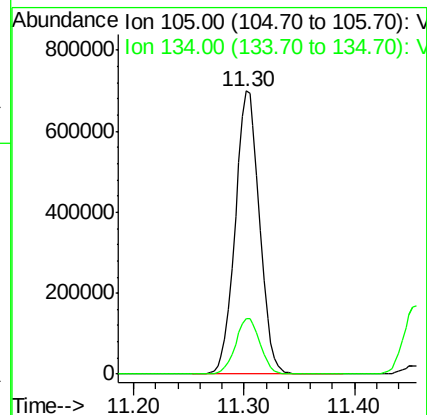
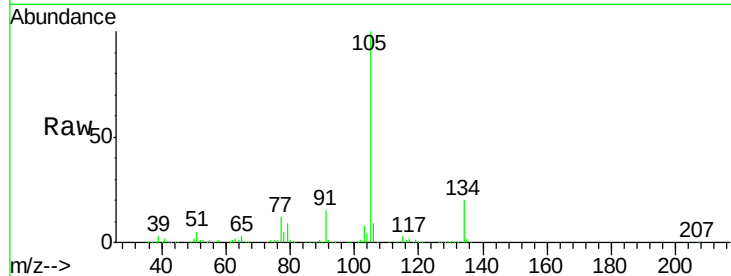
134 19.9 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 47.176 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. -0.00 min

Lab File: VU034185.D

Acq: 01 Sep 2019 21:31

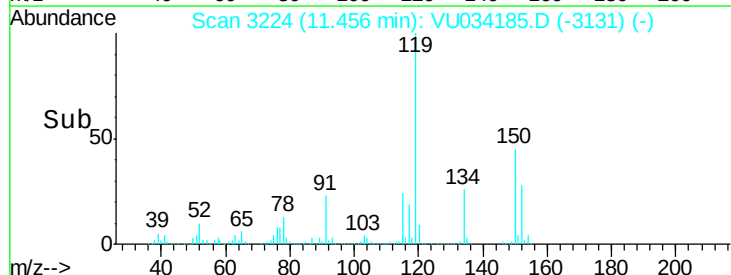
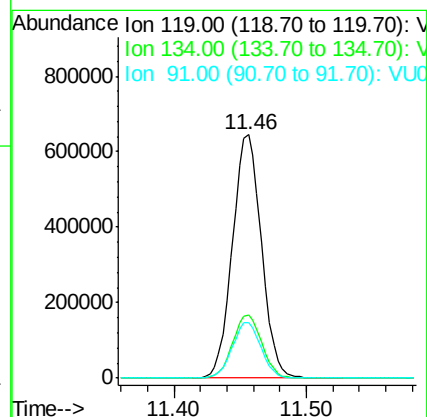
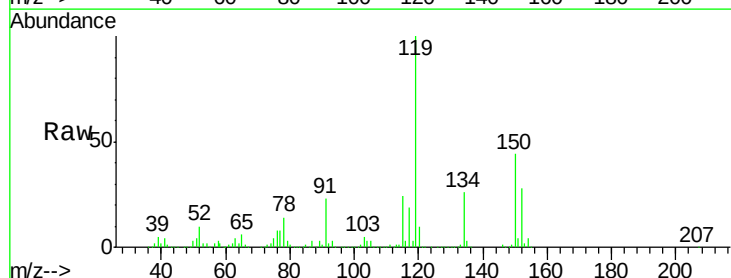
Tgt Ion:119 Resp: 973514

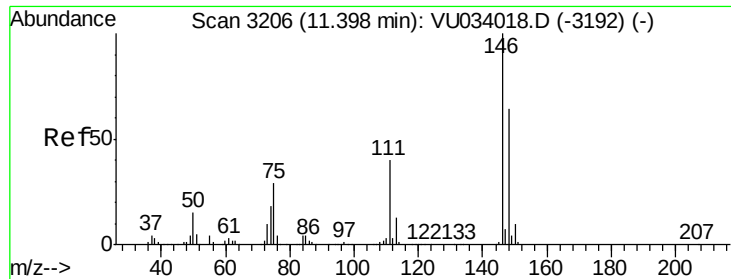
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 22.8 11.2 33.6





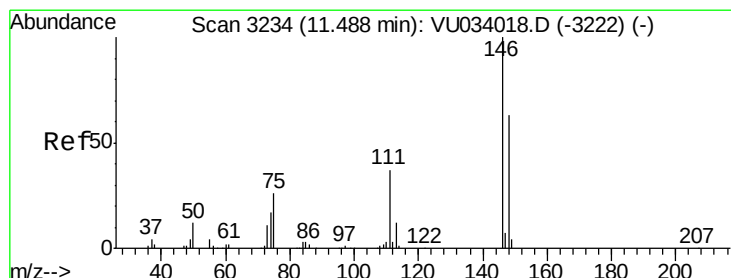
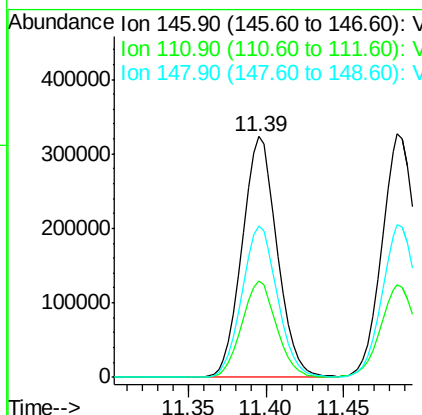
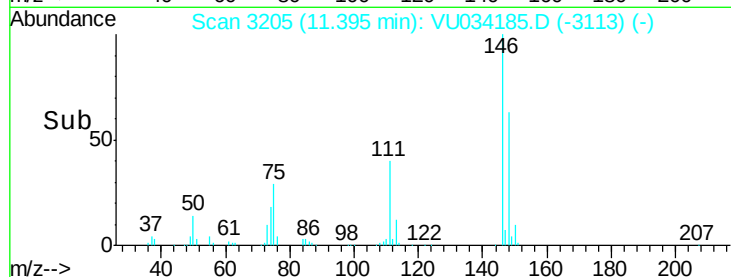
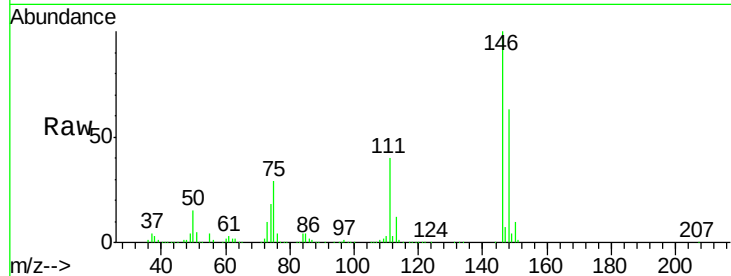
#87
 1,3-Dichlorobenzene
 Concen: 46.937 ug/l
 RT: 11.39 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.6
148	63.5	31.9	95.5

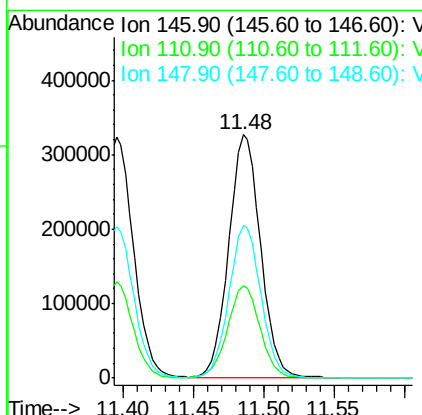
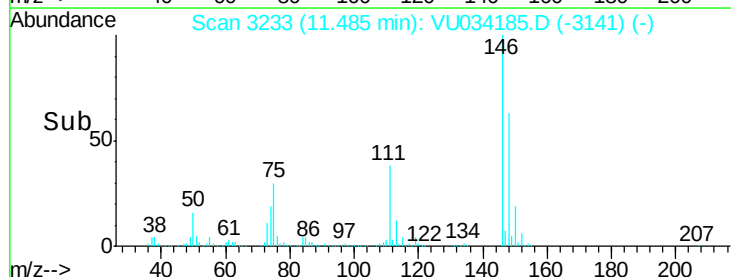
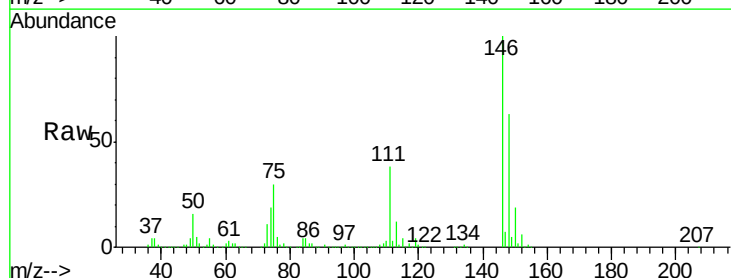
Manual Integrations
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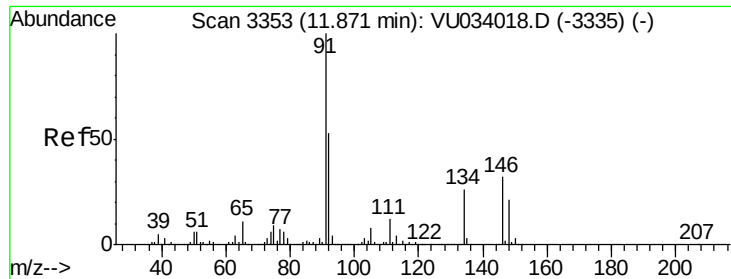
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#88
 1,4-Dichlorobenzene
 Concen: 46.702 ug/l
 RT: 11.48 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.6	31.9	95.9





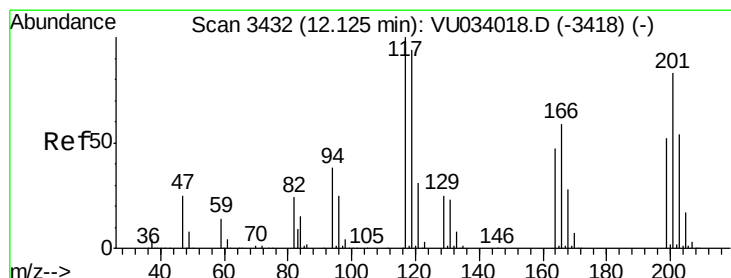
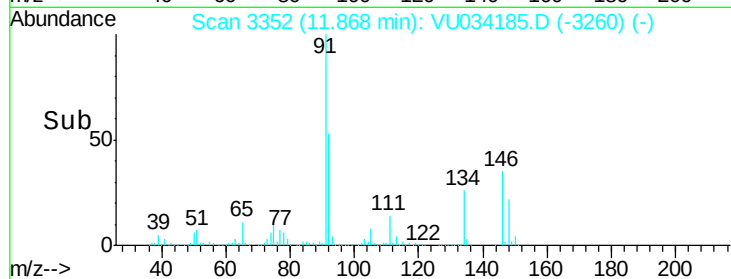
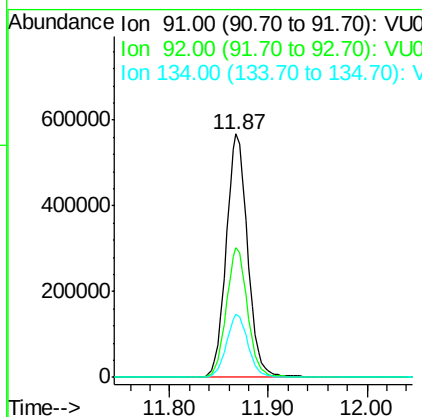
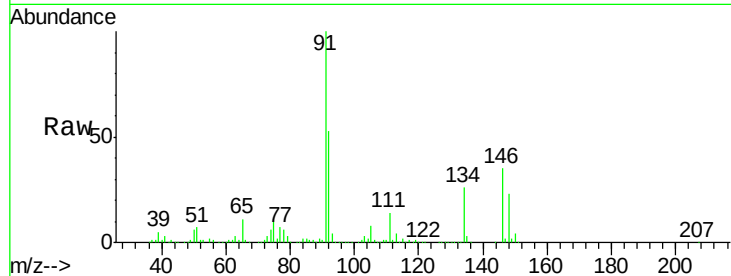
#89
n-Butylbenzene
Concen: 47.695 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.3	78.9
134	25.9	12.9	38.7

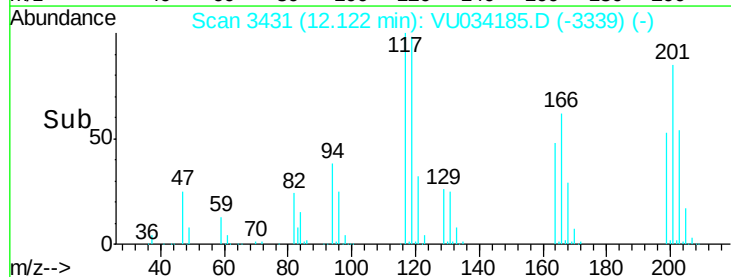
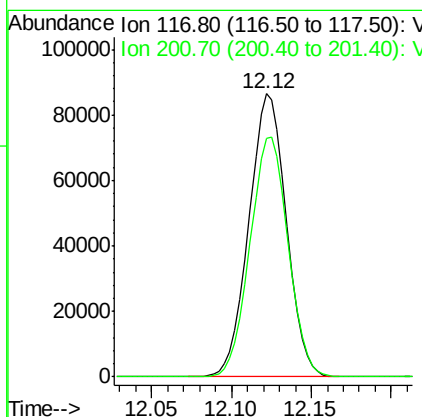
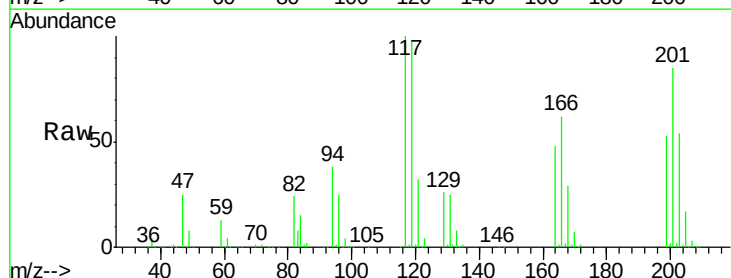
Manual Integrations
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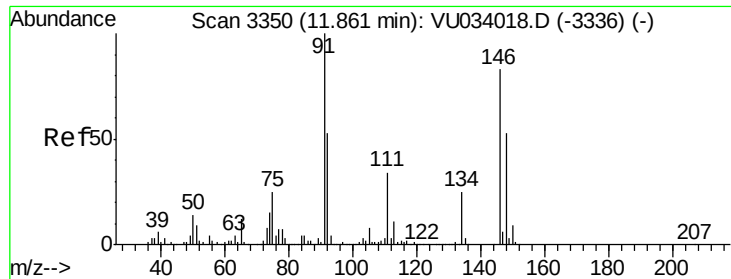
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#90
Hexachloroethane
Concen: 38.774 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	42.5	127.6





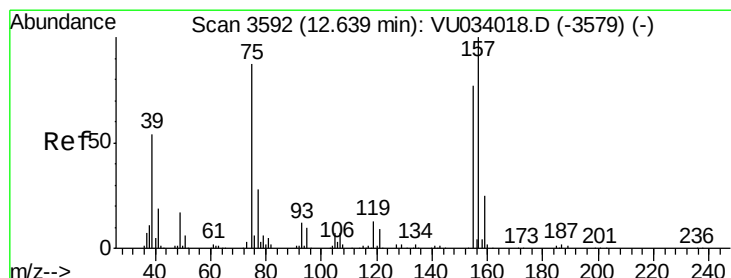
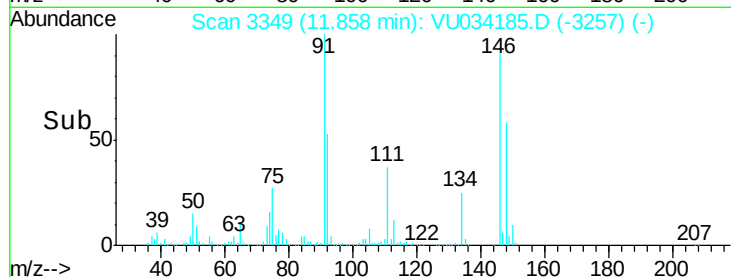
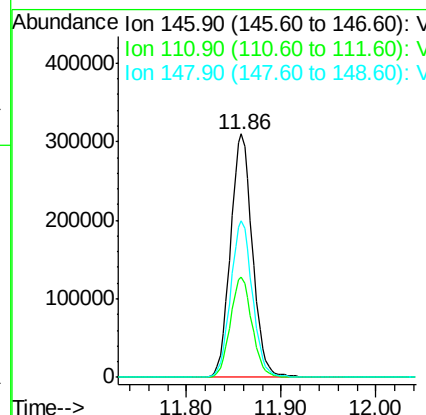
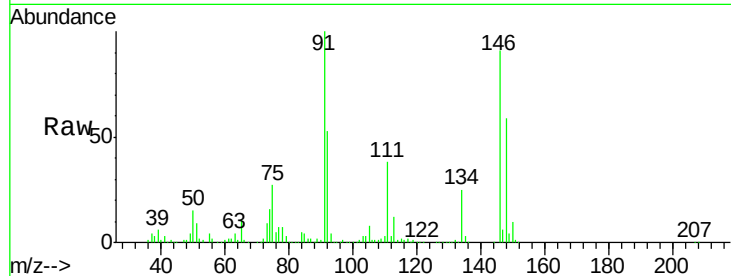
#91
 1,2-Dichlorobenzene
 Concen: 48.002 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	499630		
111	40.9	20.4	61.2	
148	63.9	32.3	96.8	

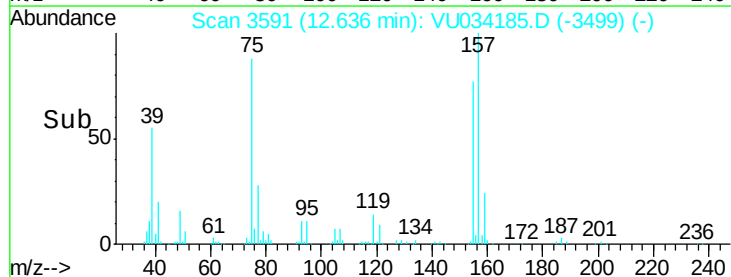
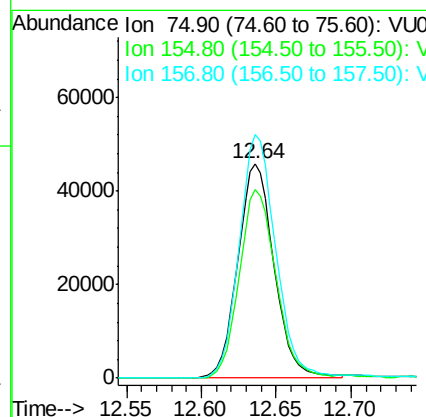
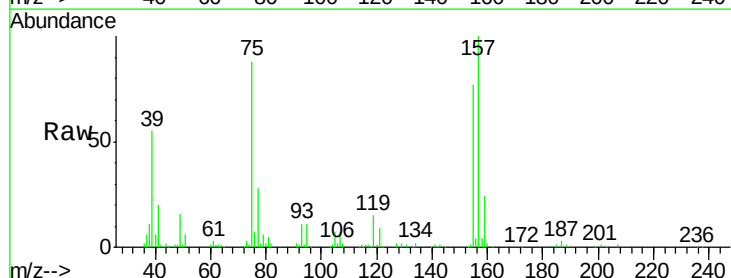
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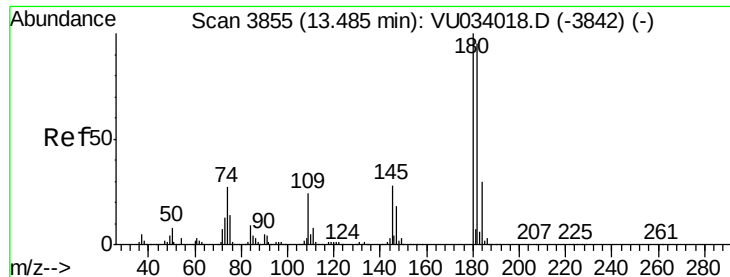
MMDadoda
 9/3/2019 11:43:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.608 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77607		
155	88.3	43.5	130.7	
157	115.2	56.9	170.6	





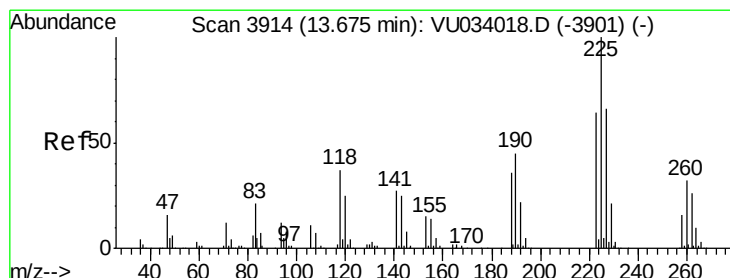
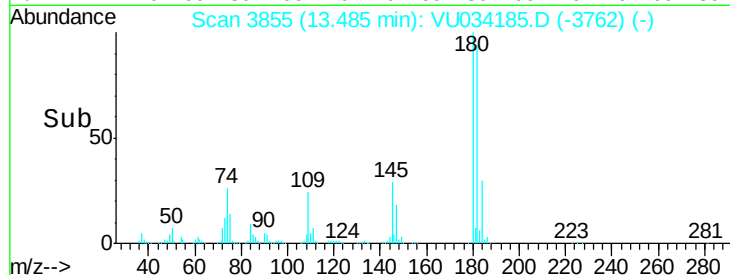
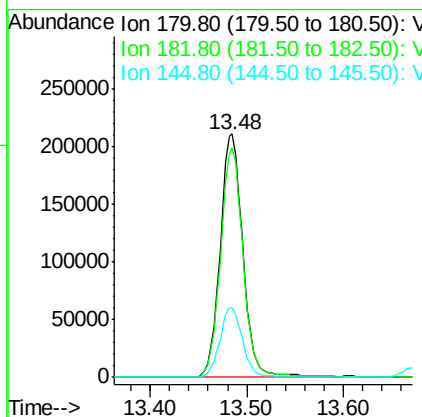
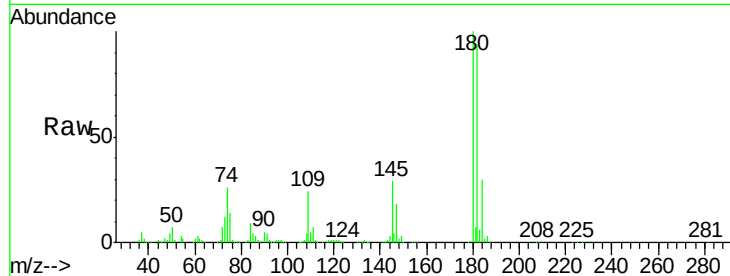
#93
 1,2,4-Trichlorobenzene
 Concen: 46.440 ug/l
 RT: 13.48 min Scan# 3855
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180	Resp:	343216
Ion Ratio	Lower	Upper
180 100		
182 94.1	47.4	142.2
145 28.4	14.1	42.3

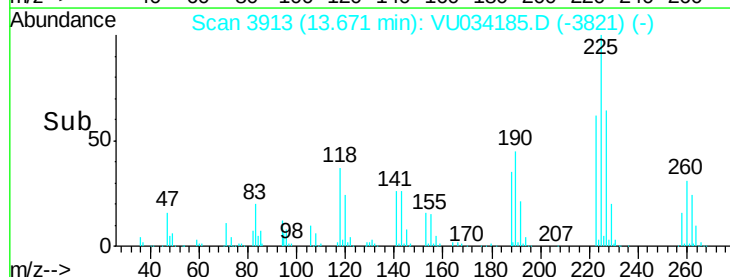
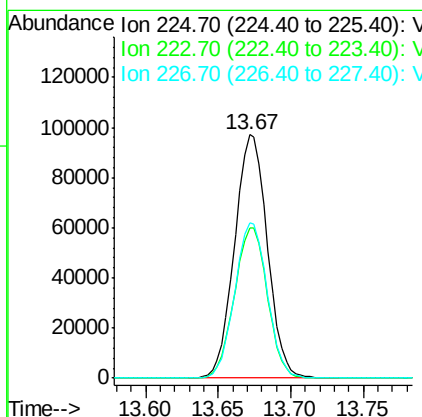
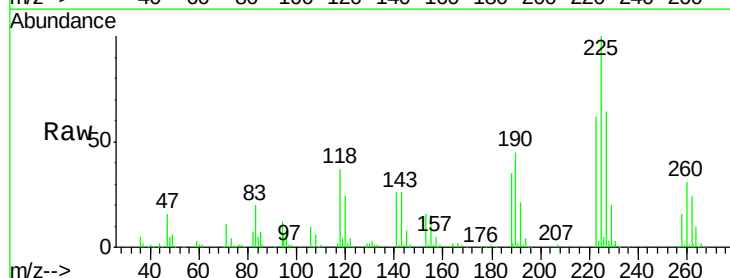
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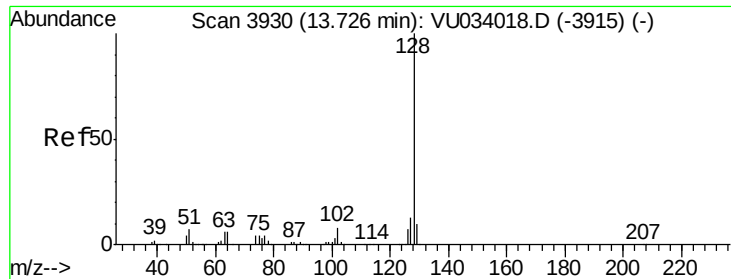
MMDadoda
 9/3/2019 11:43:59 AM



#94
 Hexachlorobutadiene
 Concen: 37.385 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034185.D
 Acq: 01 Sep 2019 21:31

Tgt Ion:225	Resp:	152223
Ion Ratio	Lower	Upper
225 100		
223 62.2	31.8	95.3
227 63.5	32.6	97.8





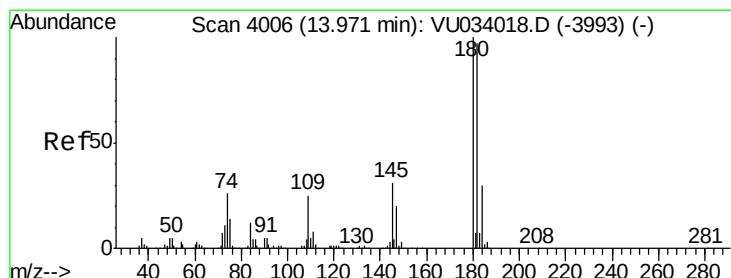
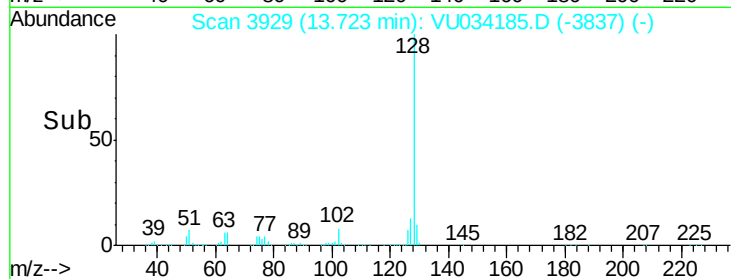
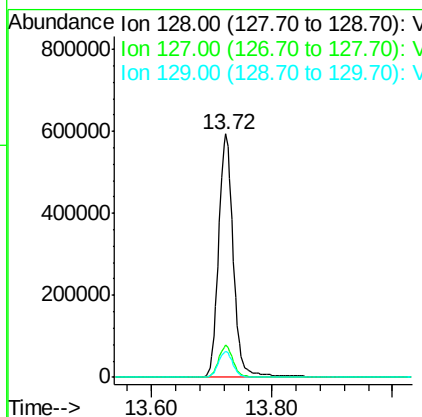
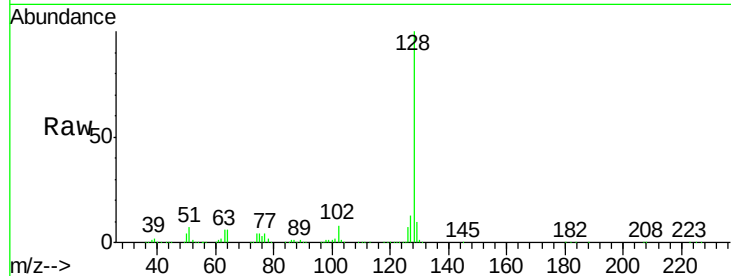
#95
Naphthalene
Concen: 46.739 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	988390		
127	13.0		10.2	15.4
129	10.5		8.4	12.6

Manual Integrations
APPROVED

MMDadoda
9/3/2019 11:43:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.678 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. -0.00 min
Lab File: VU034185.D
Acq: 01 Sep 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337898		
182	97.0		48.2	144.6
145	30.7		15.5	46.5

