

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0103019\
 Data File : VU035554.D
 Acq On : 30 Oct 2019 11:55
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:09:31 PM

Quant Time: Oct 31 01:26:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	76615	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	30034	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	31156	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.40	85	284758	9.490	ug/l	99
3) Chloromethane	1.54	50	338003	9.193	ug/l	99
4) Vinyl Chloride	1.62	62	307889	9.449	ug/l	100
5) Bromomethane	1.87	94	149116	9.002	ug/l	100
6) Chloroethane	1.95	64	180520	9.638	ug/l	99
7) Trichlorofluoromethane	2.16	101	390422	9.697	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	207159	9.494	ug/l	99
9) 1,1-Dichloroethene	2.61	96	198682	9.436	ug/l	99
10) Iodomethane	2.75	142	131267	9.029	ug/l	99
11) Allyl Chloride	2.96	41	335238	9.477	ug/l	100
12) Acrylonitrile	3.37	53	102104	19.319	ug/l	99
13) Acetone	2.67	43	224011	43.668	ug/l	100
14) Carbon Disulfide	2.82	76	688644	9.250	ug/l	100
15) Methylene Chloride	3.08	84	240799	8.894	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	219602	9.484	ug/l	100
17) 1,1-Dichloroethane	3.92	63	418757	9.654	ug/l	98
18) 2-Butanone	4.78	43	313542	47.158	ug/l	100
19) Cyclohexane	5.43	56	340908m	9.918	ug/l	
20) Methylcyclohexane	6.80	83	350891	9.951	ug/l	99
21) 2,2-Dichloropropane	4.72	77	352951	9.429	ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	249077	10.051	ug/l	99
23) Diethyl Ether	2.41	59	168640	9.713	ug/l	97
24) tert-Butyl Alcohol	3.26	59	176298	91.106	ug/l	99
25) Methyl tert-Butyl Ether	3.43	73	542457	9.609	ug/l	99
26) Bromochloromethane	5.02	128	105565	9.540	ug/l	99
27) Chloroform	5.14	83	421414	9.093	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	350064	9.534	ug/l	99
29) 1,1-Dichloropropene	5.57	75	307405	9.984	ug/l	100
30) Carbon Tetrachloride	5.57	117	315716	9.668	ug/l	99
31) Isopropyl Ether	4.07	45	596923	9.854	ug/l	98
32) Ethyl-t-butyl ether	4.57	59	560373	9.992	ug/l	99
33) Tert-Amyl methyl ether	6.00	73	505077	10.472	ug/l	99
34) Propionitrile	4.85	54	91180	47.348	ug/l	98
35) Benzene	5.82	78	924116	9.836	ug/l	98
36) 1,2-Dichloroethane	5.84	62	260482	9.677	ug/l	99
37) Trichloroethene	6.58	130	247594	9.487	ug/l	99
38) 1,2-Dichloropropane	6.84	63	248103	9.630	ug/l	99
39) Methacrylonitrile	5.04	41	70649	9.771	ug/l	97
40) Methyl acrylate	4.91	55	115394	10.481	ug/l	99
41) Tetrahydrofuran	5.14	42	72848	19.597	ug/l #	38
42) 1-Chlorobutane	5.50	56	422820	9.981	ug/l	100

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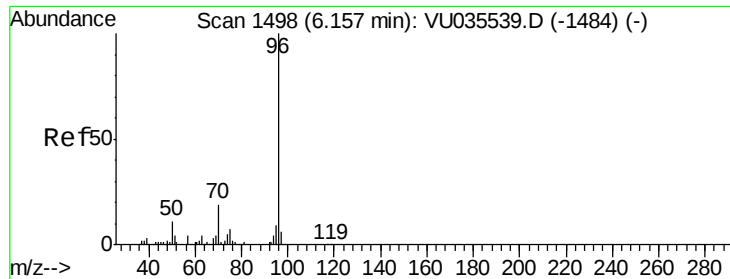
Manual Integrations
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 10/31/2019 4:09:31 PM

Quant Time: Oct 31 01:26:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	125231	9.731	ug/l	98
44) Bromodichloromethane	7.15	83	311195	9.704	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	697000	50.786	ug/l	100
46) t-1,4-Dichloro-2-butene	10.87	75	121644m	24.388	ug/l	
47) Methyl methacrylate	7.01	69	229395	21.521	ug/l	96
48) Ethyl methacrylate	8.38	69	200600	10.770	ug/l	99
49) Toluene	8.01	92	569358	10.536	ug/l	100
50) t-1,3-Dichloropropene	8.25	75	289411	10.191	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	342685	10.171	ug/l	98
52) 1,1,2-Trichloroethane	8.44	97	174792	9.691	ug/l	98
53) 1,3-Dichloropropane	8.61	76	309059	10.111	ug/l	99
54) 2-Hexanone	8.73	43	494296	50.683	ug/l	99
55) Dibromochloromethane	8.84	129	221777	10.071	ug/l	100
56) 1,2-Dibromoethane	8.96	107	169210	10.255	ug/l	99
58) Tetrachloroethene	8.58	164	236343	9.879	ug/l	98
59) Chlorobenzene	9.48	112	637125	10.226	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	235719	9.840	ug/l	99
61) Pentachloroethane	11.46	117	190474	9.758	ug/l	99
62) Hexachloroethane	12.50	117	178204	9.993	ug/l	99
63) Ethyl Benzene	9.60	91	1062513	10.981	ug/l	99
64) m/p-Xylenes	9.72	106	861642	22.553	ug/l #	1
65) o-Xylene	10.13	106	403462	10.929	ug/l	100
66) Styrene	10.14	104	707083	11.571	ug/l	100
67) Bromoform	10.32	173	138150	10.111	ug/l	99
69) Isopropylbenzene	10.51	105	1053200	10.942	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	234889	9.767	ug/l #	65
71) 1,2,3-Trichloropropane	10.86	75	166553m	9.222	ug/l	
72) Bromobenzene	10.81	156	279710	10.430	ug/l	97
73) n-propylbenzene	10.93	120	308826	11.489	ug/l	96
74) 2-Chlorotoluene	11.01	126	272036	10.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	902685	11.382	ug/l	100
76) 4-Chlorotoluene	11.12	126	283255	11.066	ug/l	98
77) tert-Butylbenzene	11.45	119	887713	10.914	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	910659	11.346	ug/l	100
79) sec-Butylbenzene	11.67	105	1150373	11.056	ug/l	100
80) Nitrobenzene	13.24	77	20928	25.969	ug/l	96
81) p-Isopropyltoluene	11.82	119	948577	11.394	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	533576	10.446	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	531758	10.856	ug/l	99
84) n-Butylbenzene	12.23	91	780038	11.416	ug/l	100
85) 1,2-Dichlorobenzene	12.24	146	499306	10.381	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	32032	10.459	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	203575	9.225	ug/l	99
88) Hexachlorobutadiene	14.04	225	169637	9.469	ug/l	100
89) Naphthalene	14.11	128	290019	8.907	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	205501	9.476	ug/l	100

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



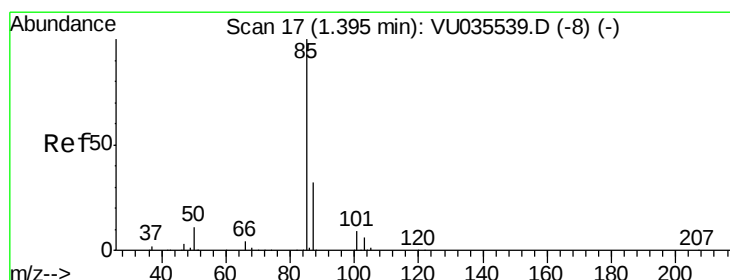
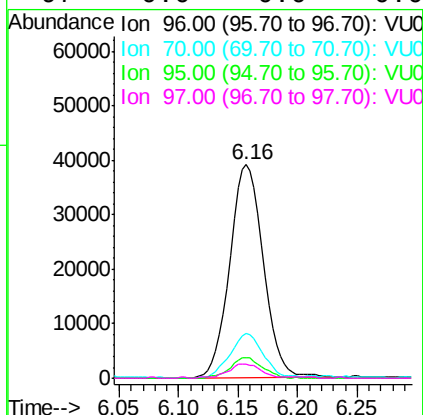
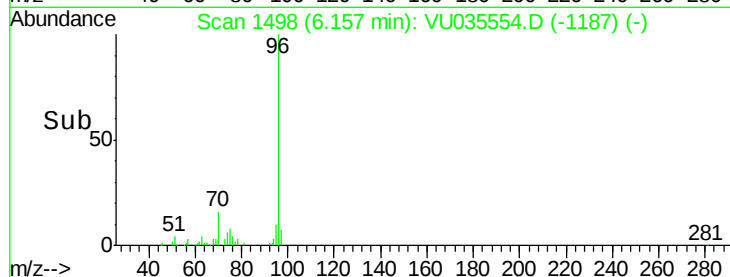
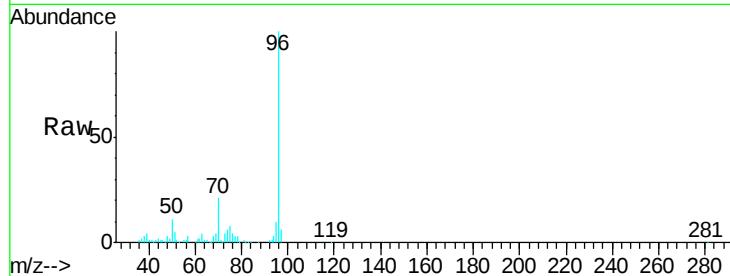
#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 6.16 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
96	100		
70	19.9	15.8	23.8
95	9.3	7.4	11.2
97	0.0	0.0	0.0

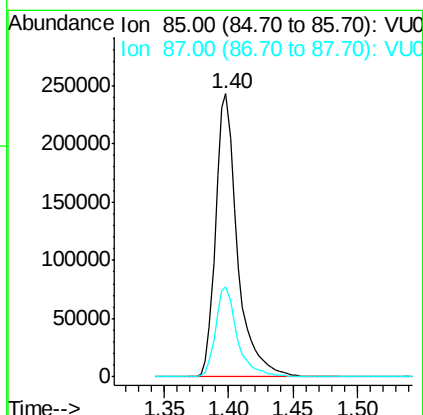
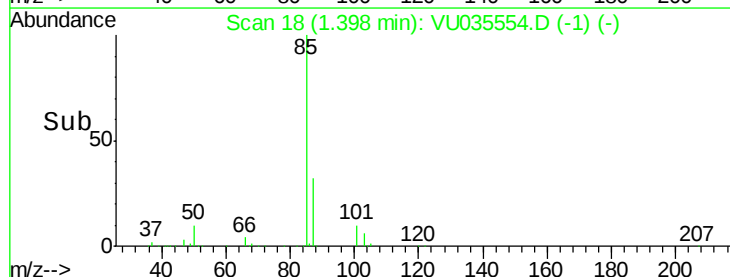
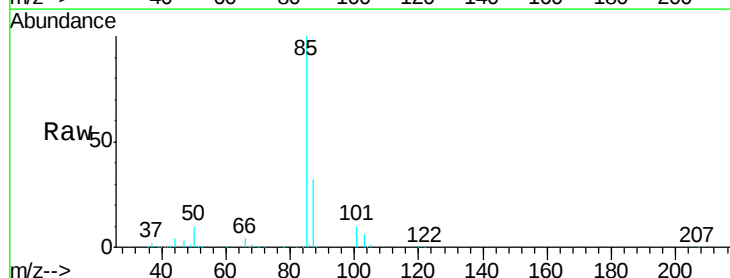
Manual Integrations
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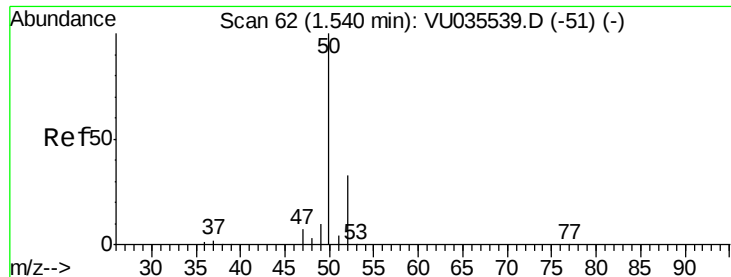
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#2
 Dichlorodifluoromethane
 Concen: 9.490 ug/l
 RT: 1.40 min Scan# 18
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.8	47.4





#3

Chloromethane

Concen: 9.193 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 50 Resp: 338003

Ion Ratio Lower Upper

50 100

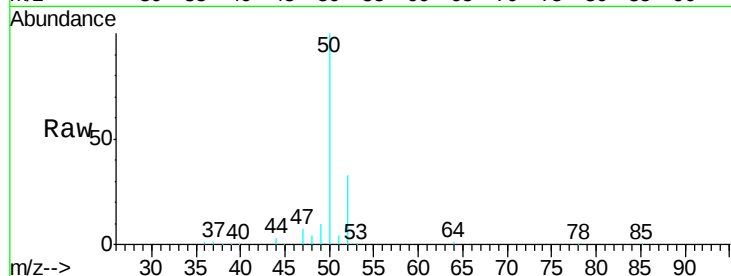
52 33.3 26.0 39.0

Manual Integrations

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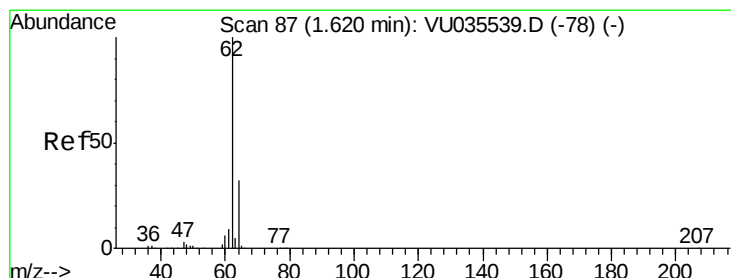
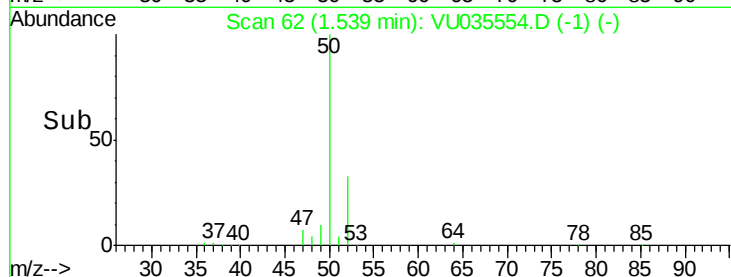
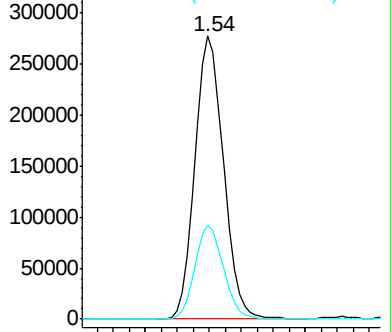
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.449 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035554.D

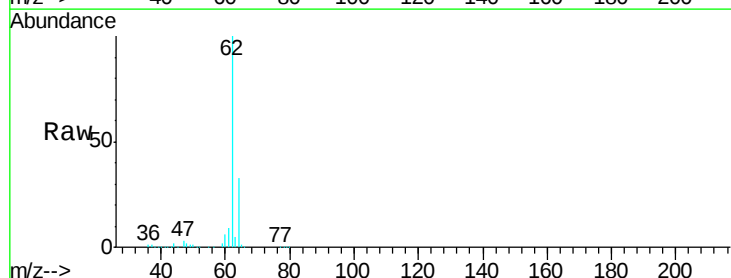
Acq: 30 Oct 2019 11:55

Tgt Ion: 62 Resp: 307889

Ion Ratio Lower Upper

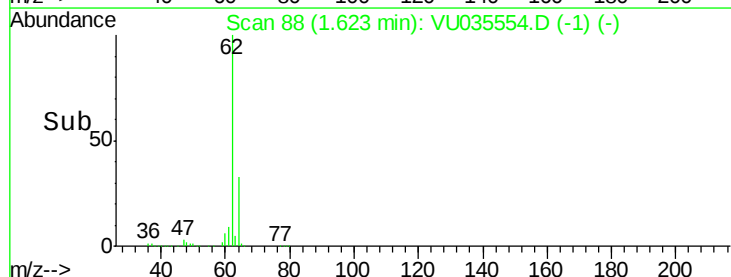
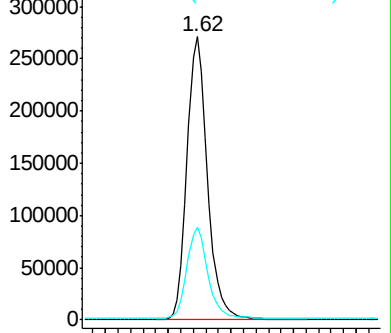
62 100

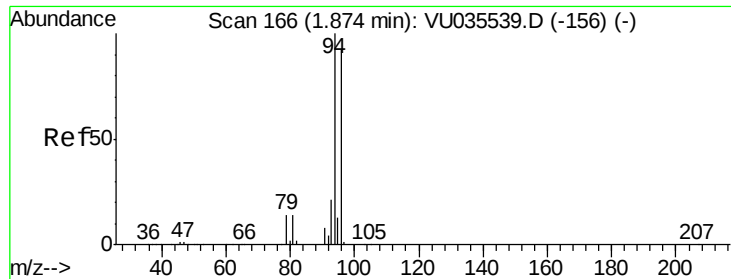
64 32.1 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 9.002 ug/l

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 94 Resp: 149116

Ion Ratio Lower Upper

94 100

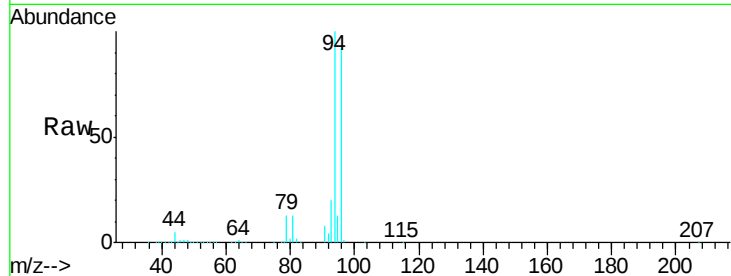
96 92.4 73.8 110.8

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU035539.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035539.D (-156) (-)

1.87

120000

100000

80000

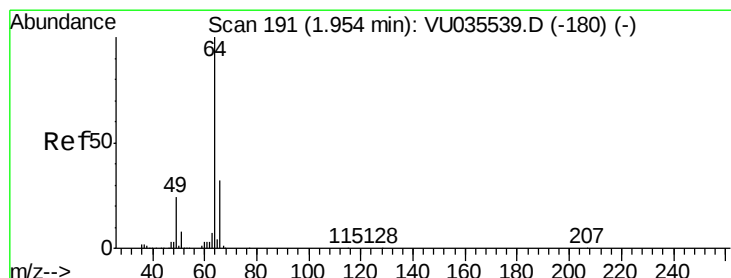
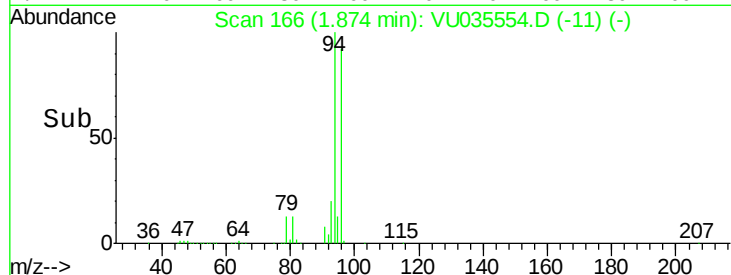
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 9.638 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035554.D

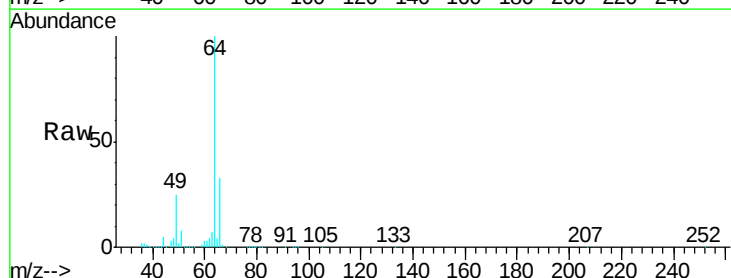
Acq: 30 Oct 2019 11:55

Tgt Ion: 64 Resp: 180520

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VU035539.D (-180) (-)

Ion 66.00 (65.70 to 66.70): VU035539.D (-180) (-)

1.95

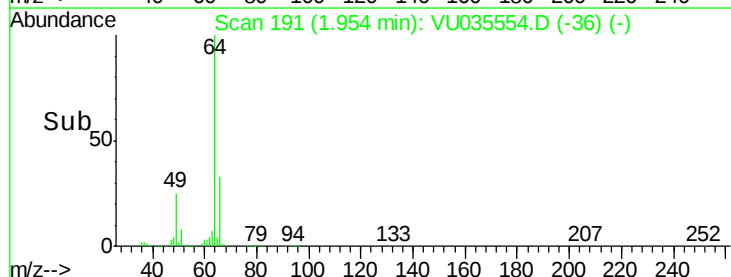
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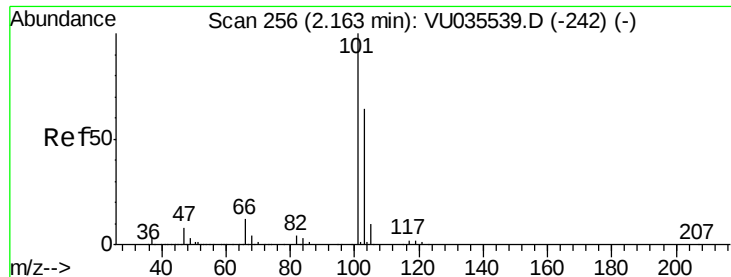
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Time-->





#7

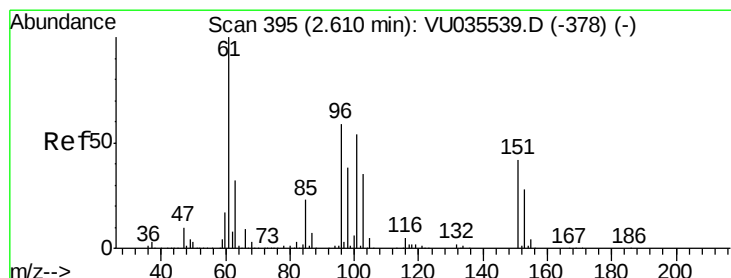
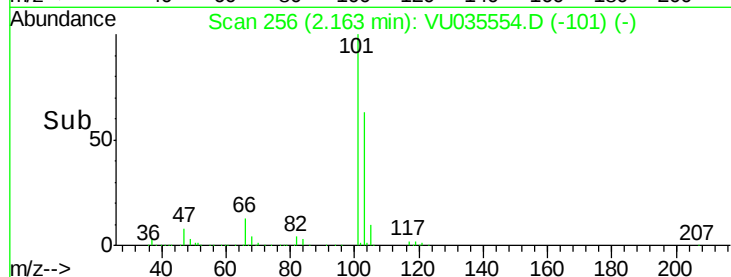
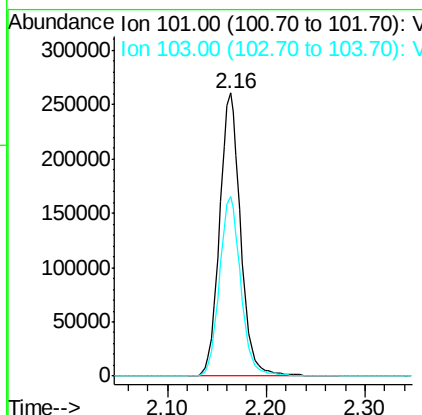
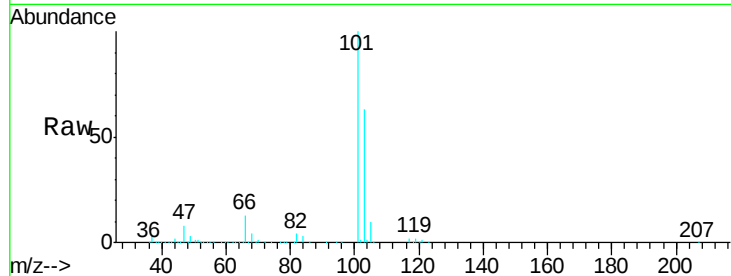
Trichlorofluoromethane
Concen: 9.697 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	390422		
103	63.4	51.0	76.6	

Manual Integrations
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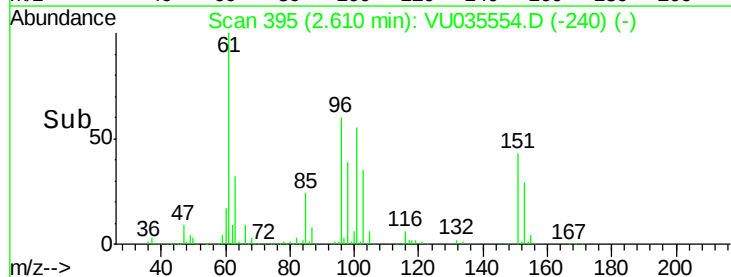
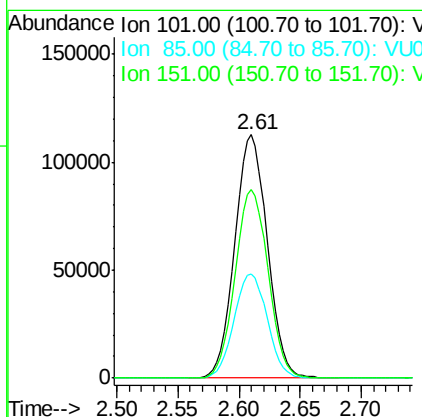
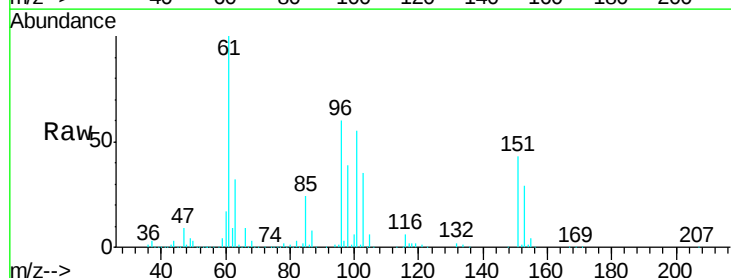
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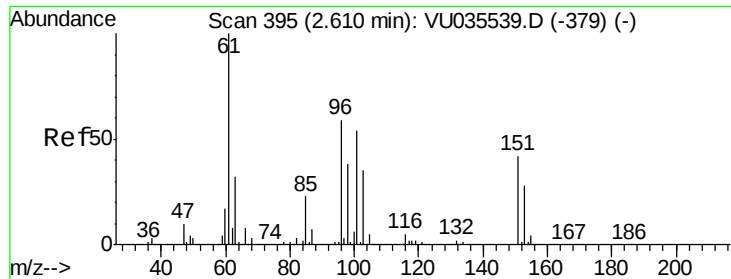


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.494 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	207159		
85	44.1	35.8	53.6	
151	78.8	61.8	92.6	





#9

1,1-Dichloroethene

Concen: 9.436 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

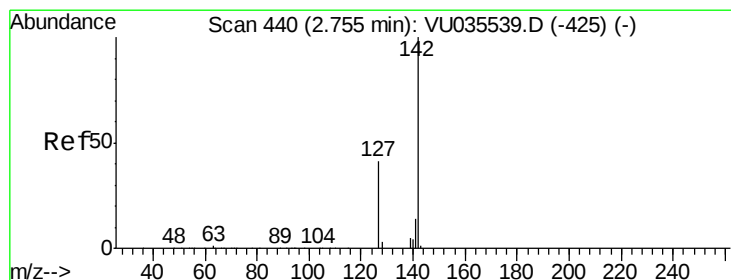
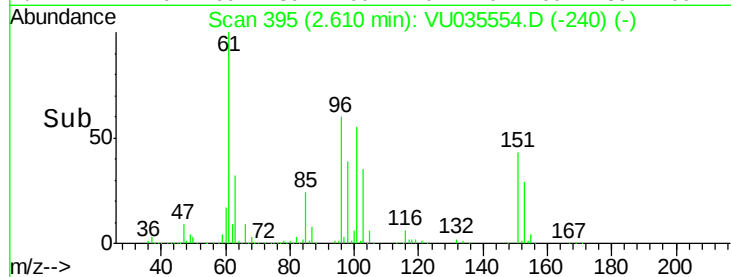
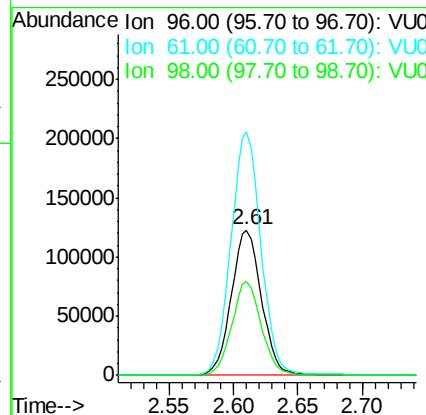
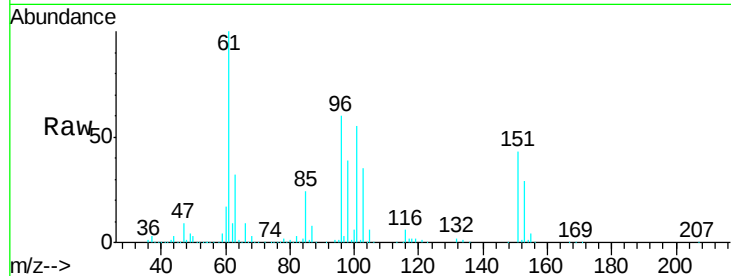
ClientSampleId :

VSTDCCC010EC

Tgt Ion:	96	Resp:	198682
Ion Ratio	Lower	Upper	
96	100		
61	167.9	0.0	508.8
98	64.8	0.0	130.4

Manual Integrations
APPROVED

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10/31/2019 4:09:31 PM



#10

Iodomethane

Concen: 9.029 ug/l

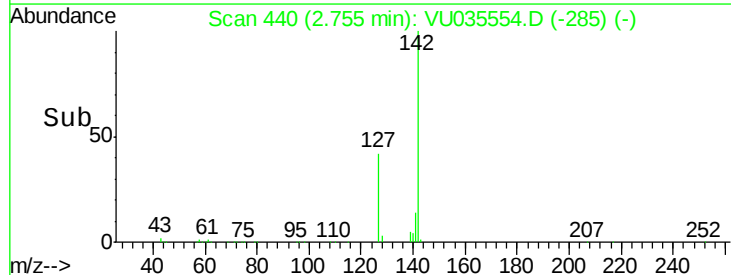
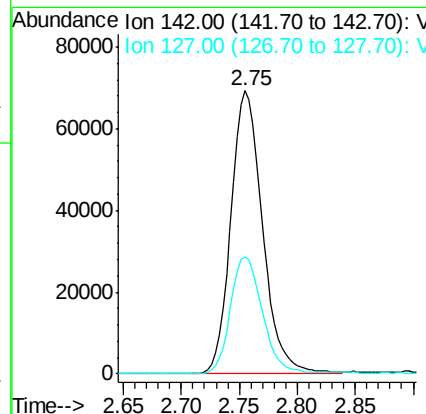
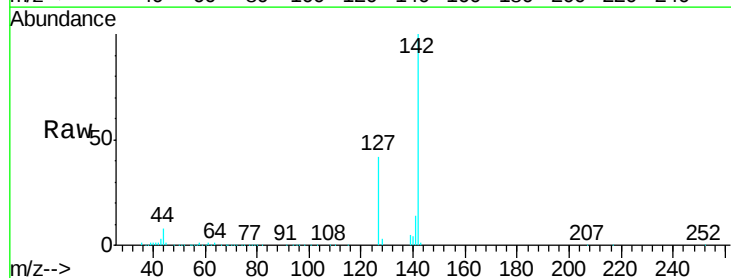
RT: 2.75 min Scan# 440

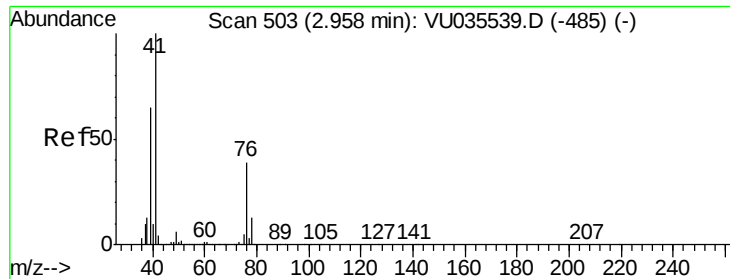
Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Tgt Ion:	142	Resp:	131267
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.4	50.0





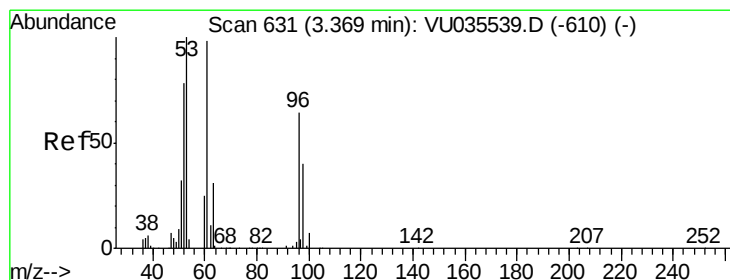
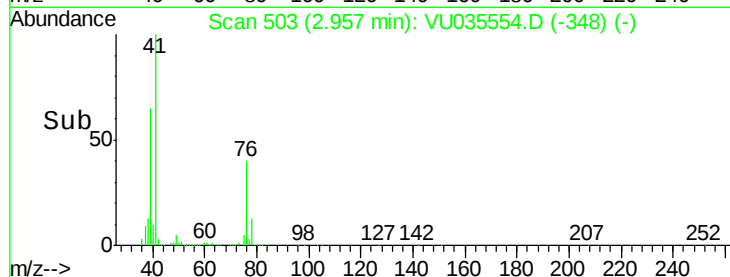
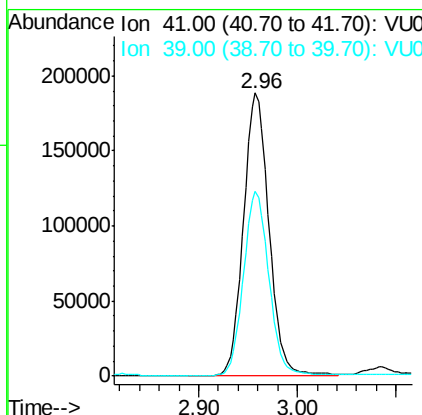
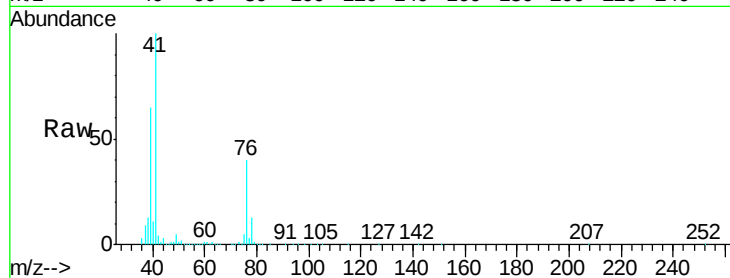
#11
 Allyl Chloride
 Concen: 9.477 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	52.0	78.0

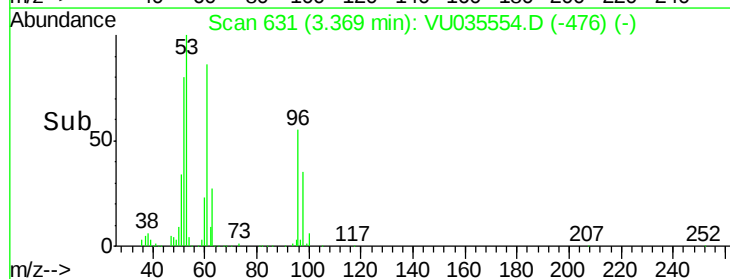
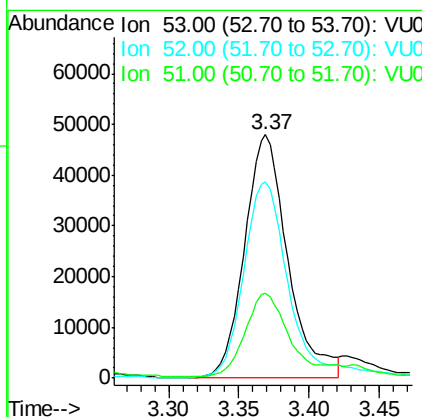
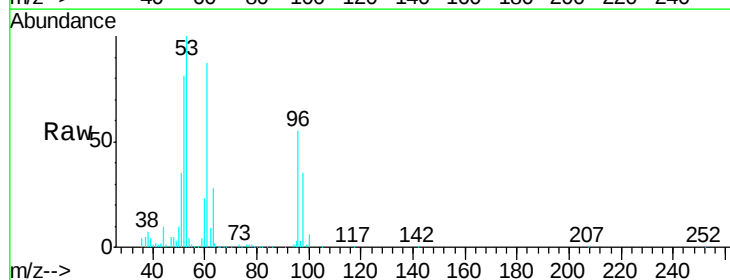
Manual Integrations
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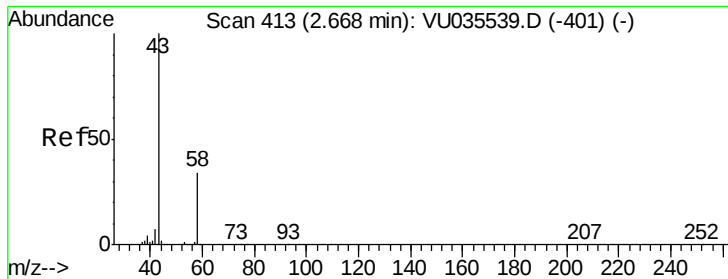
MMDadoda
 10/31/2019 4:09:31 PM



#12
 Acrylonitrile
 Concen: 19.319 ug/l
 RT: 3.37 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.4	67.4	101.0
51	34.2	27.0	40.4





#13

Acetone

Concen: 43.668 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 224011

Ion Ratio Lower Upper

43 100

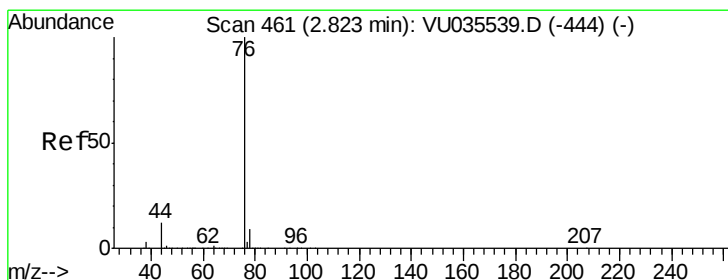
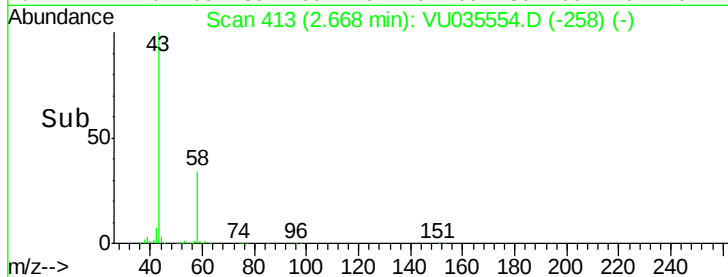
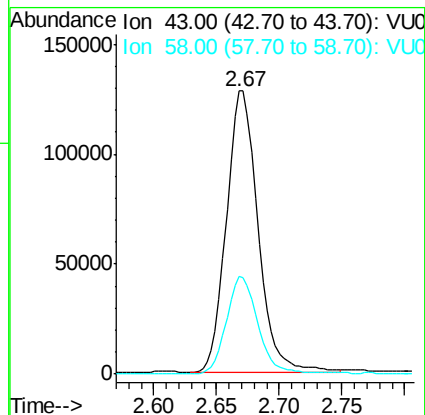
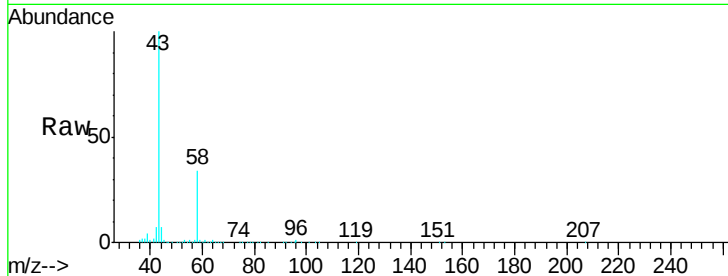
58 34.3 27.6 41.4

Manual Integrations

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#14

Carbon Disulfide

Concen: 9.250 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035554.D

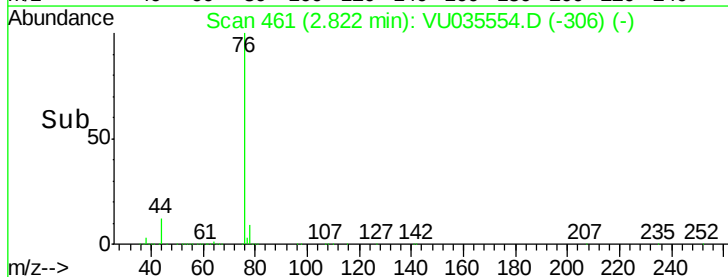
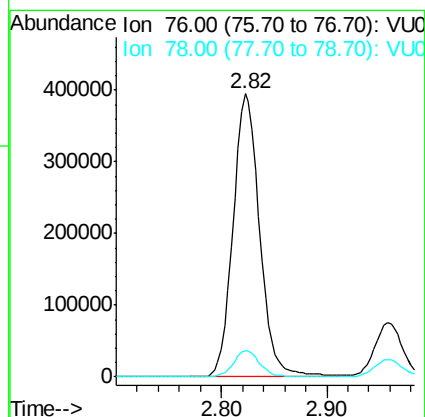
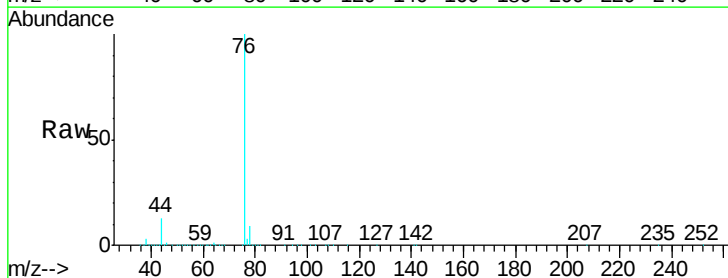
Acq: 30 Oct 2019 11:55

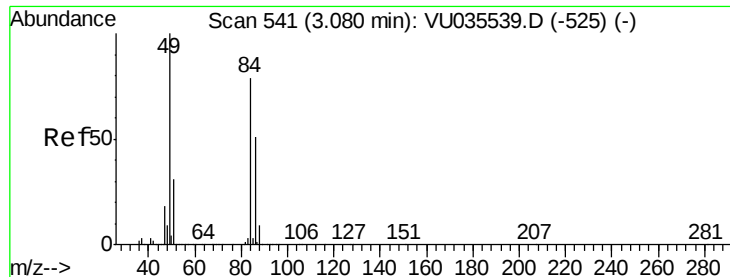
Tgt Ion: 76 Resp: 688644

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





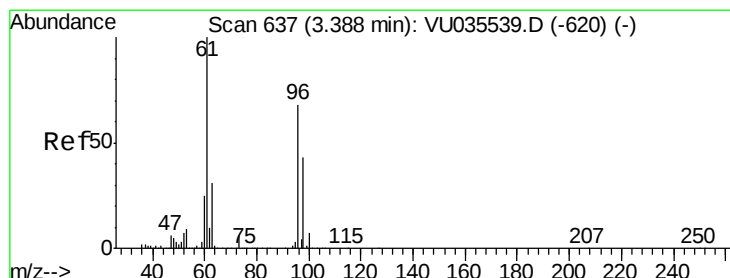
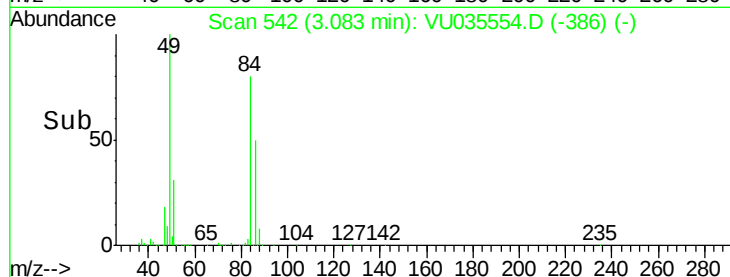
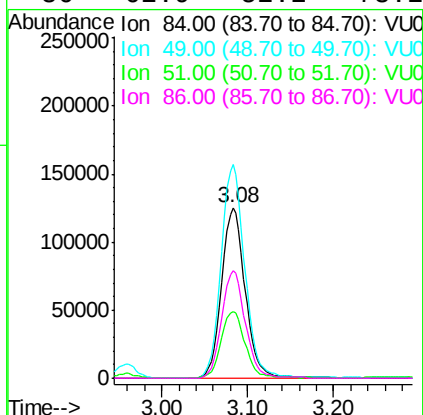
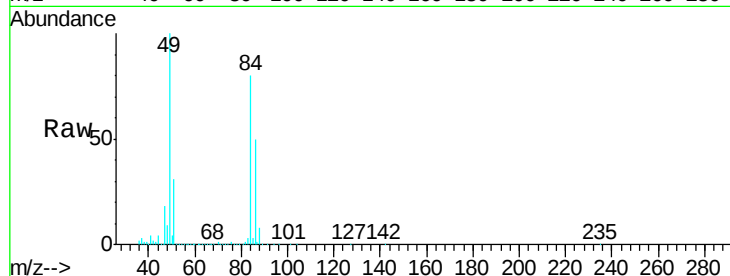
#15
Methylene Chloride
Concen: 8.894 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	101.5	152.3
51	39.1	0.0	78.6
86	62.9	52.2	78.2

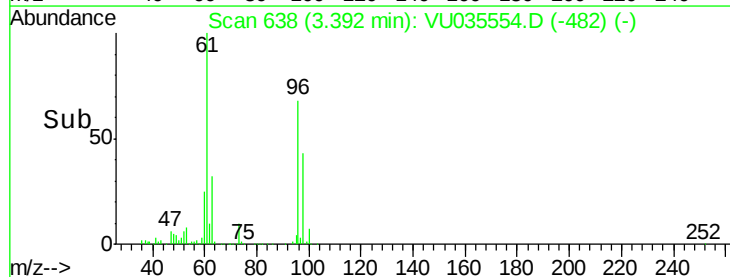
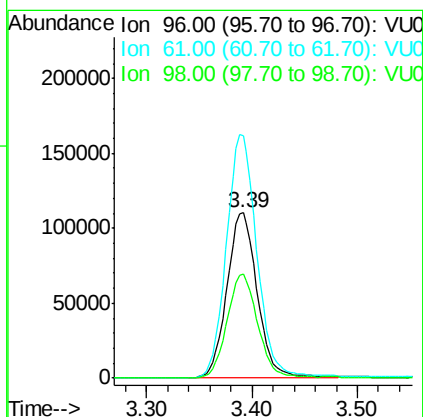
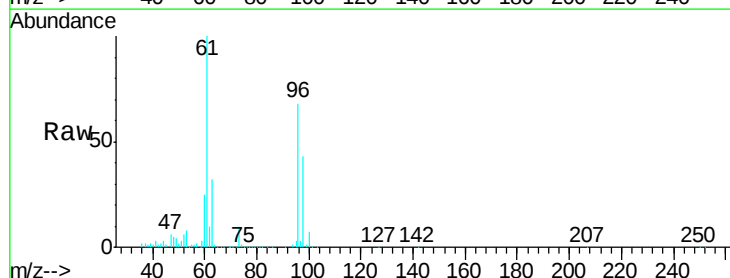
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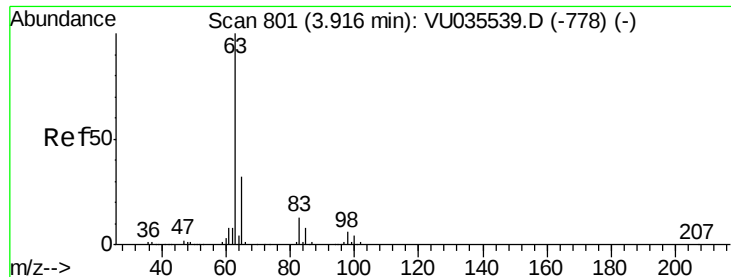
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 9.484 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.7	117.8	176.8
98	62.8	50.2	75.2





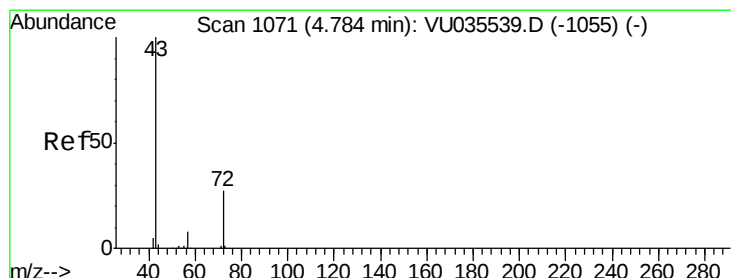
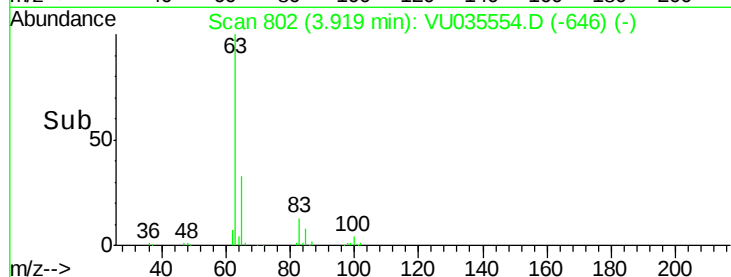
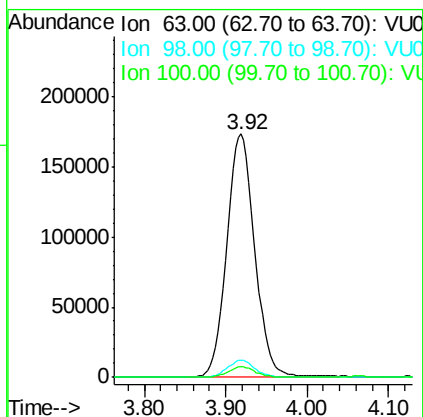
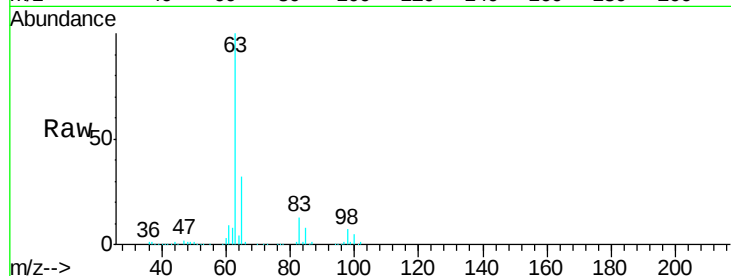
#17
 1,1-Dichloroethane
 Concen: 9.654 ug/l
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Resp Lower	Upper
63	100		
98	7.0	3.1	9.3
100	4.5	2.1	6.3

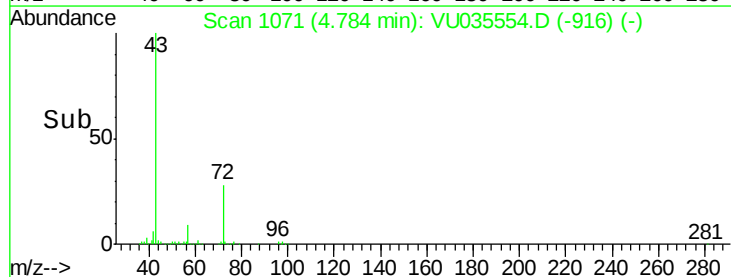
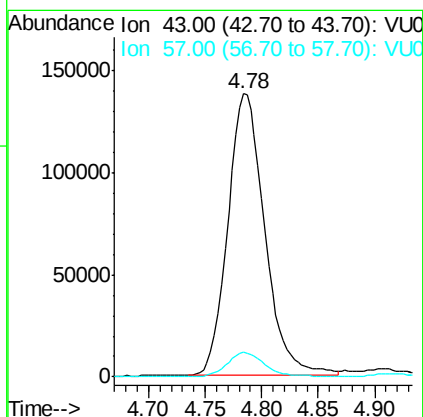
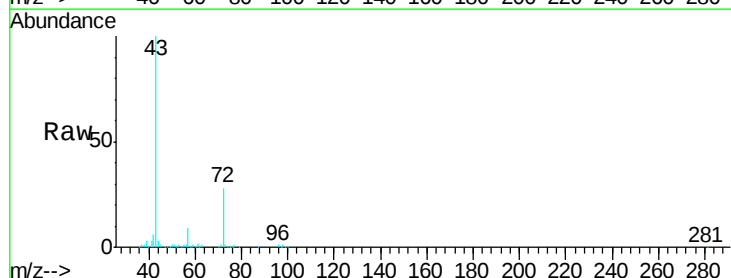
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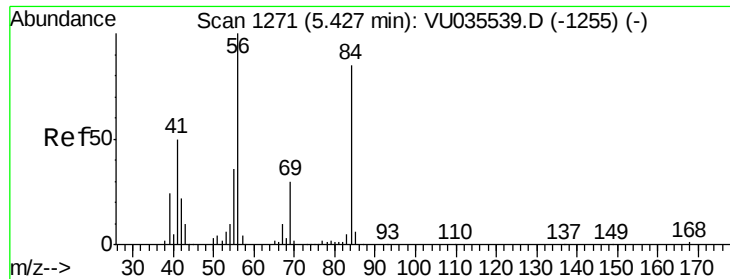
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#18
 2-Butanone
 Concen: 47.158 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.5	0.0	17.0





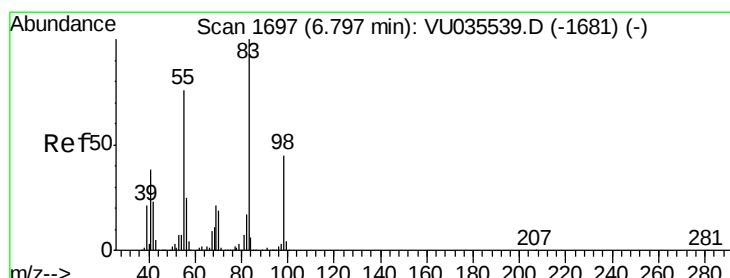
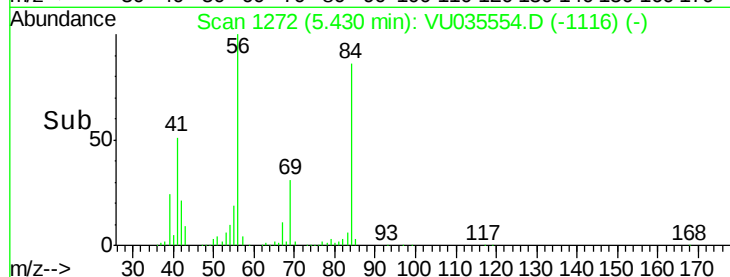
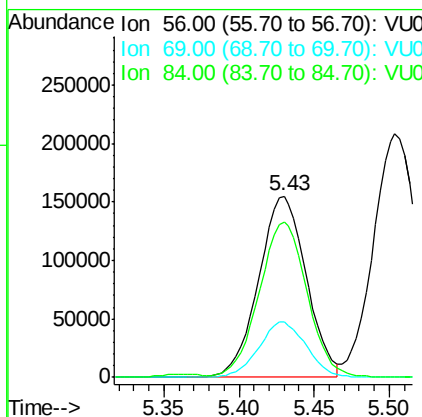
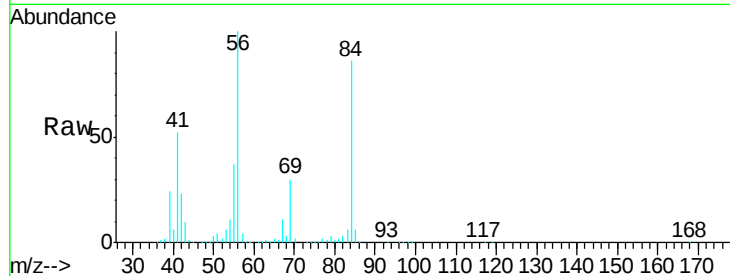
#19
Cyclohexane
Concen: 9.918 ug/l m
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.5	26.4	39.6
84	84.2	72.9	109.3

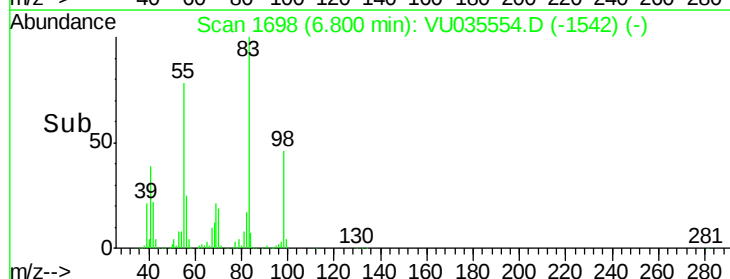
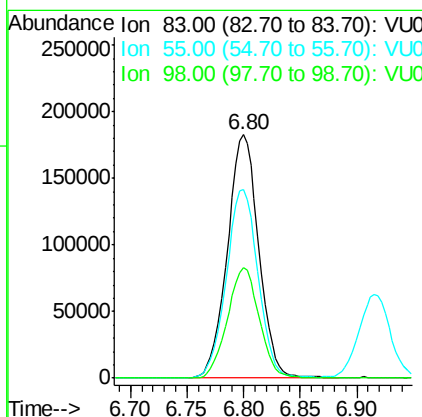
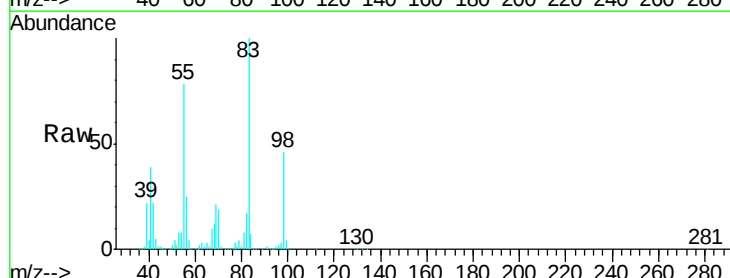
Manual Integrations
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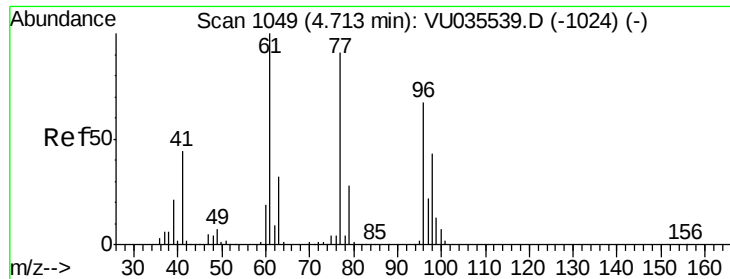
MMDadoda
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#20
Methylcyclohexane
Concen: 9.951 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.2	91.8
98	46.0	36.7	55.1





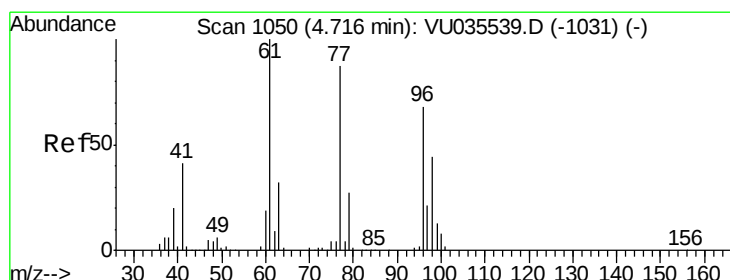
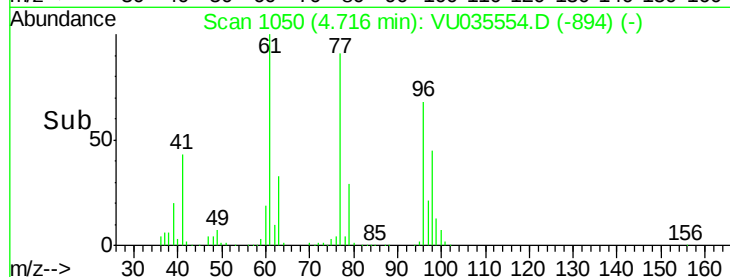
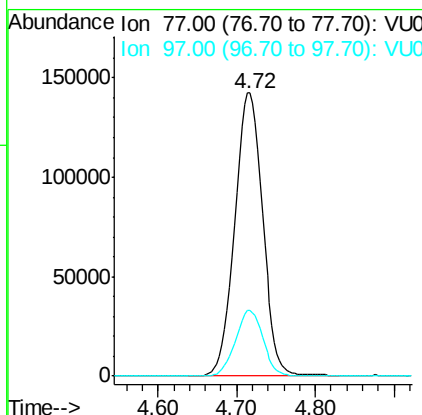
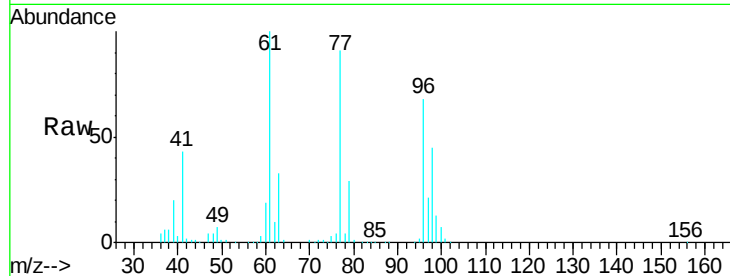
#21
 2,2-Dichloropropane
 Concen: 9.429 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 77 Resp: 352951
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.8 28.2

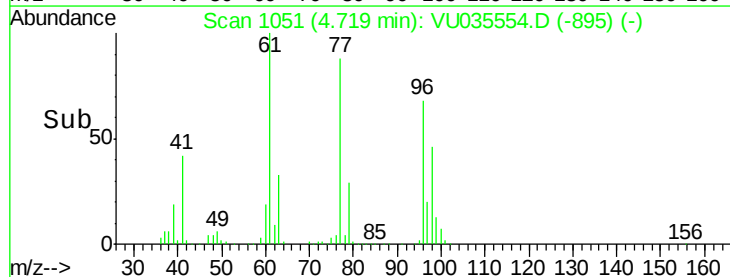
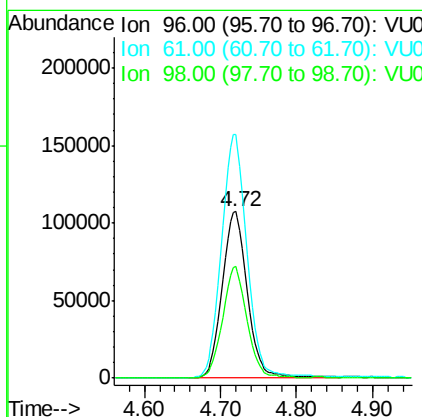
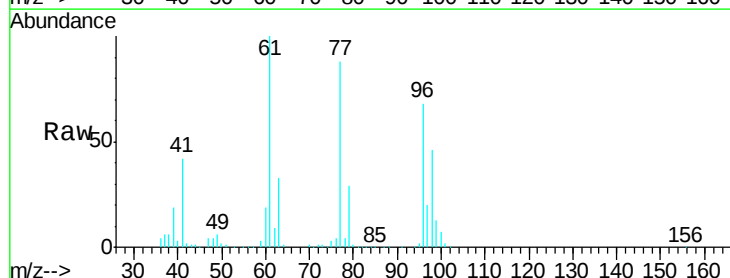
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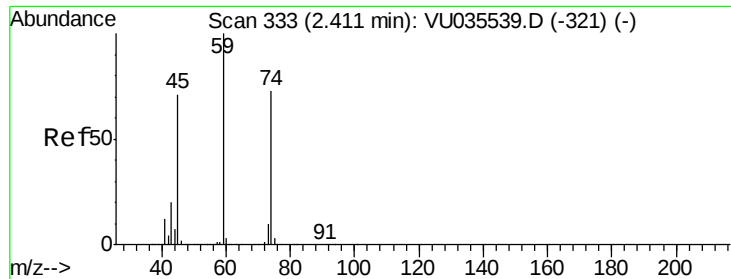
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#22
 cis-1,2-Dichloroethene
 Concen: 10.051 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion: 96 Resp: 249077
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 370.5
 98 64.9 31.8 95.4





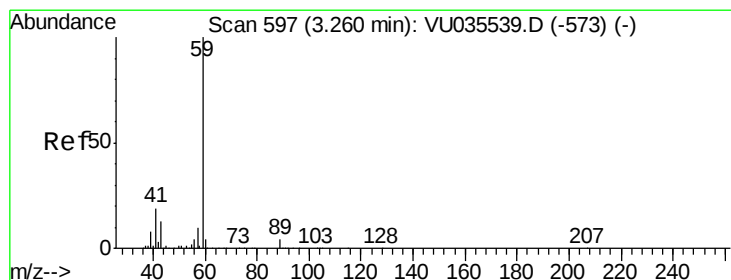
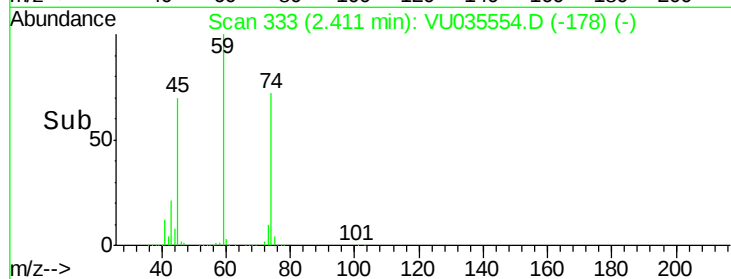
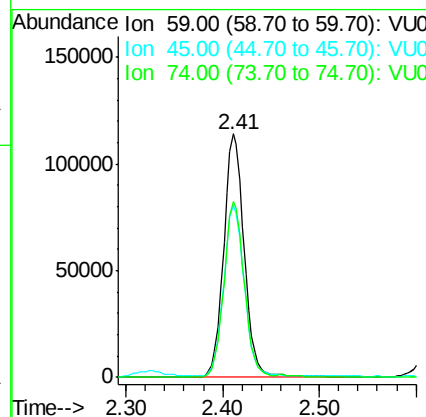
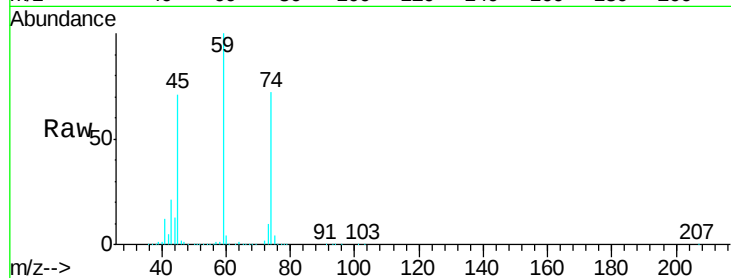
#23
Diethyl Ether
Concen: 9.713 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
59	100		
45	69.6	56.9	85.3
74	71.1	59.5	89.3

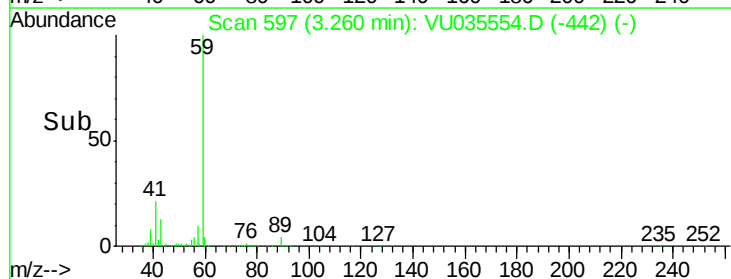
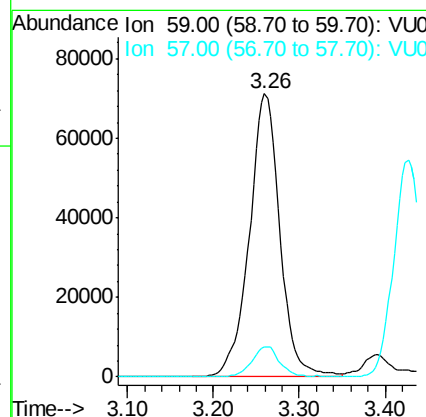
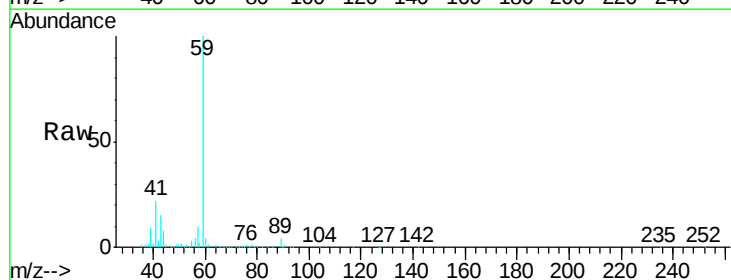
Manual Integrations
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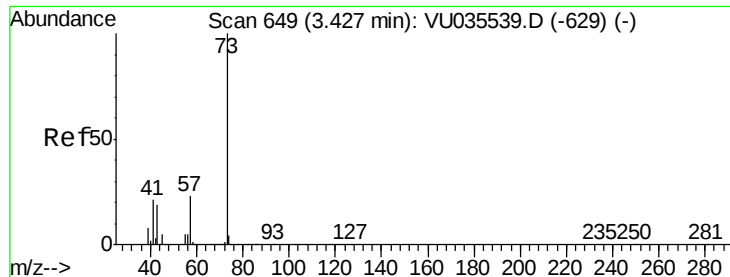
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 91.106 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.4	11.0





#25

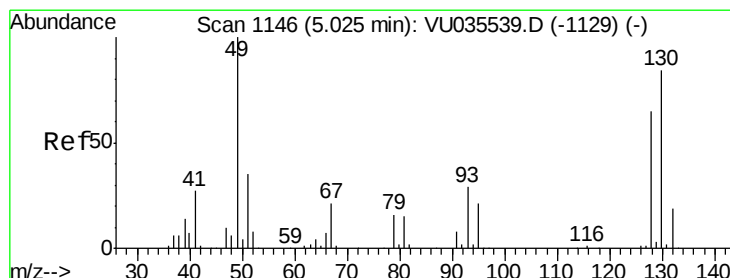
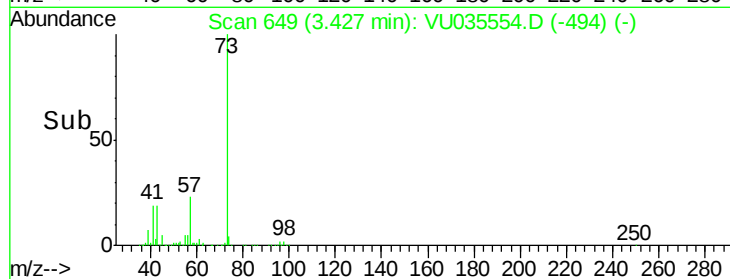
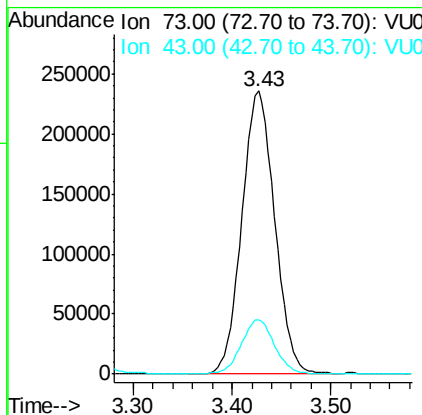
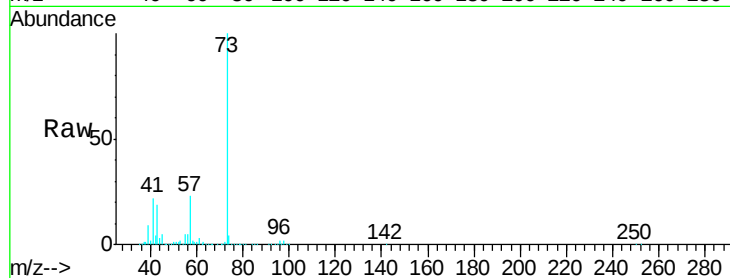
Methyl tert-Butyl Ether
Concen: 9.609 ug/l
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.4	23.2

Manual Integrations
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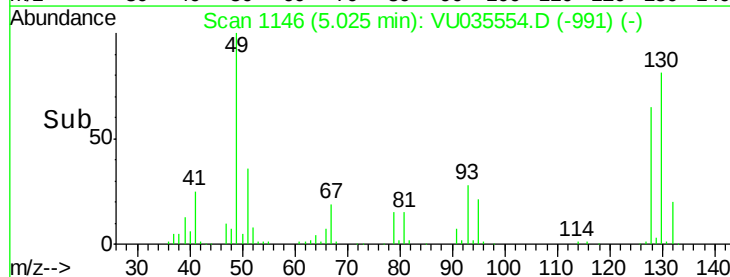
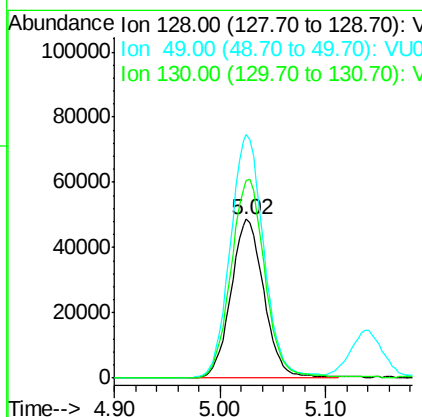
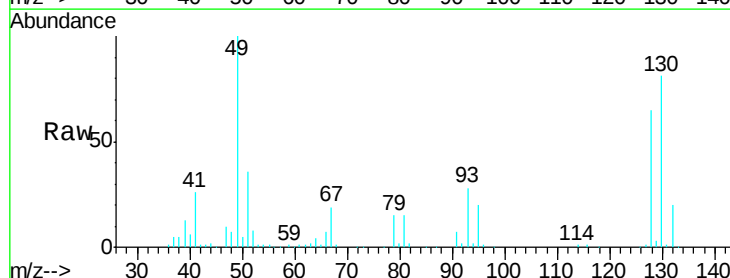
MMDadoda
10/31/2019 4:09:31 PM

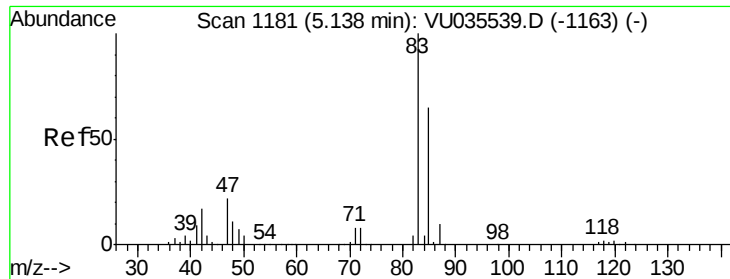


#26

Bromochloromethane
Concen: 9.540 ug/l
RT: 5.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
128	100		
49	155.3	0.0	309.0
130	128.7	101.8	152.8





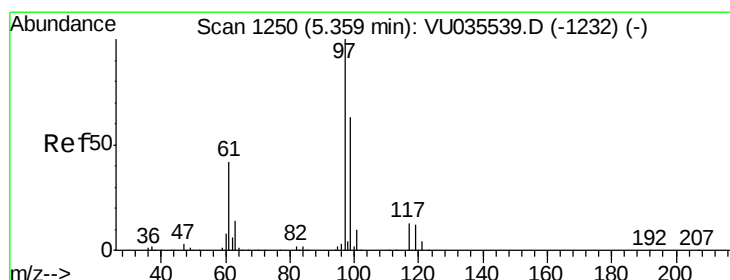
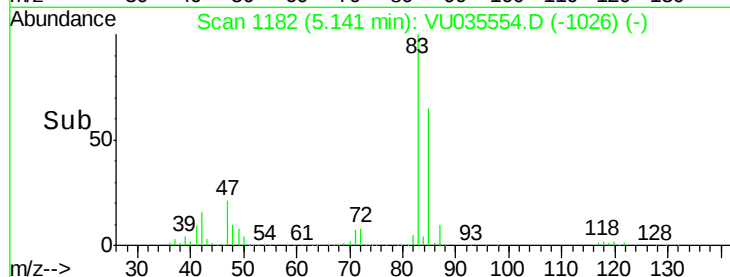
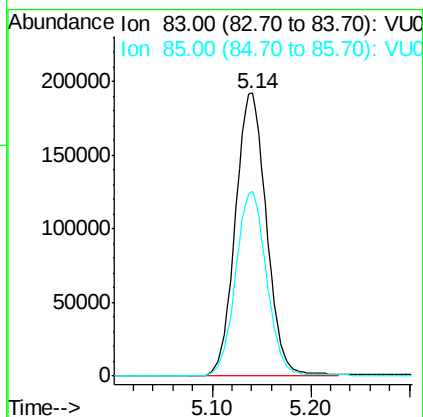
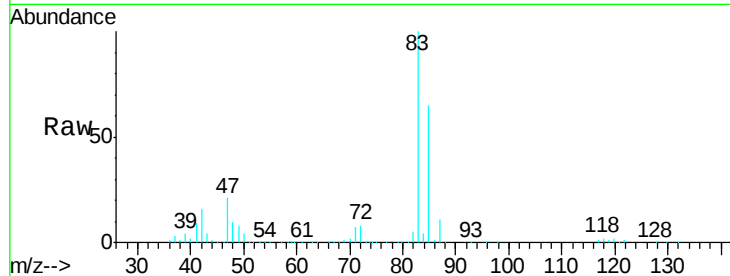
#27
Chloroform
Concen: 9.093 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 421414
Ion Ratio Lower Upper
83 100
85 65.2 0.0 130.6

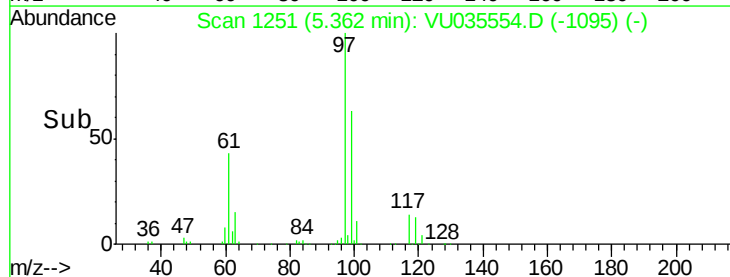
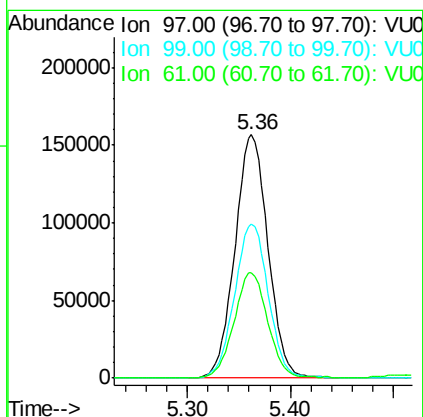
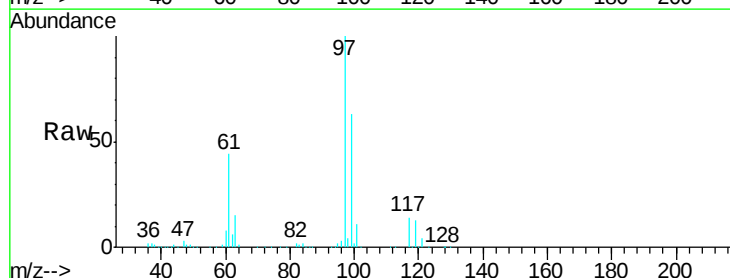
Manual Integrations
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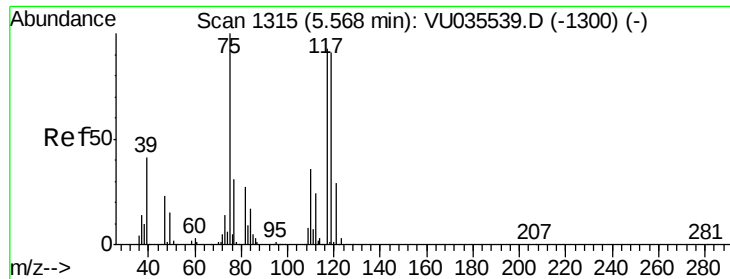
MMDadoda
10/31/2019 4:09:31 PM



#28
1,1,1-Trichloroethane
Concen: 9.534 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 97 Resp: 350064
Ion Ratio Lower Upper
97 100
99 64.5 32.6 97.7
61 43.9 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.984 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

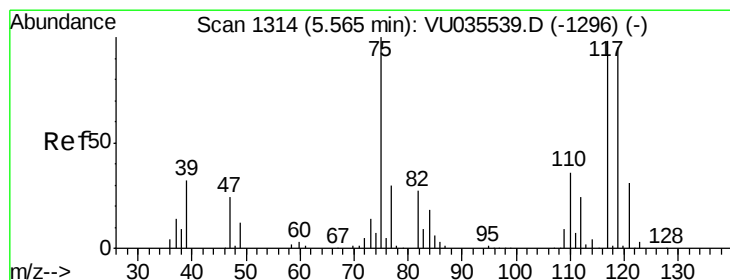
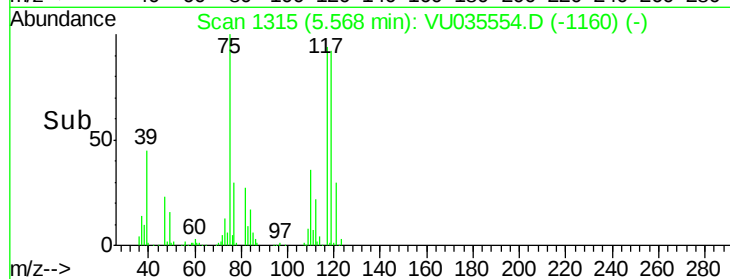
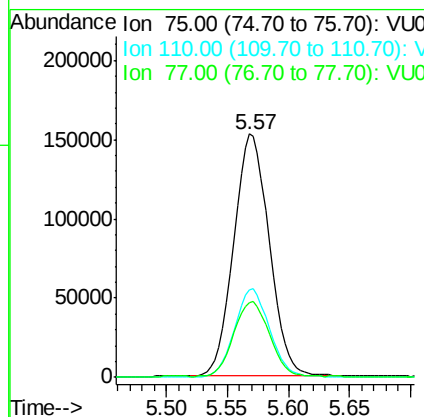
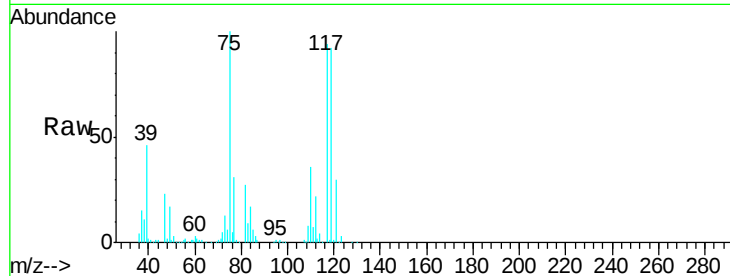
ClientSampleId :

VSTDCCC010EC

Tgt Ion:	75	Resp:	307405
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.3	54.8
77	31.1	24.6	37.0

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#30

Carbon Tetrachloride

Concen: 9.668 ug/l

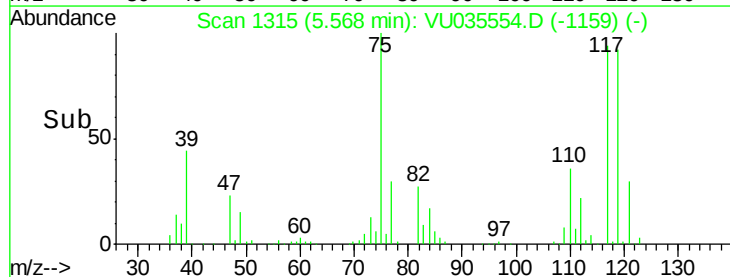
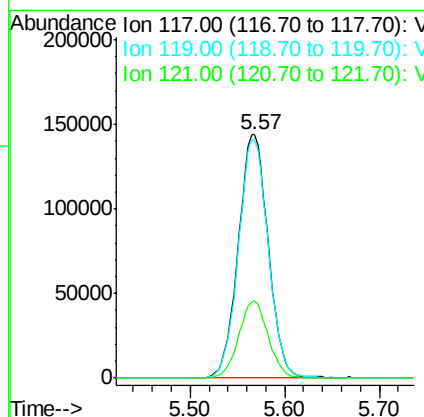
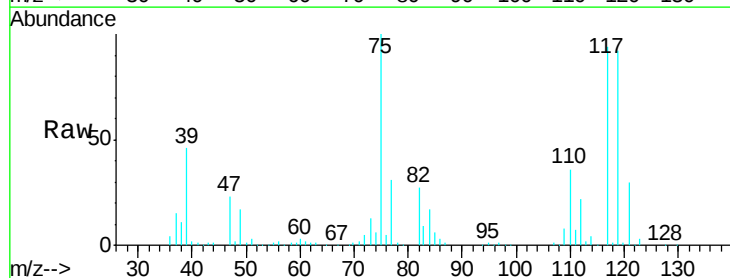
RT: 5.57 min Scan# 1315

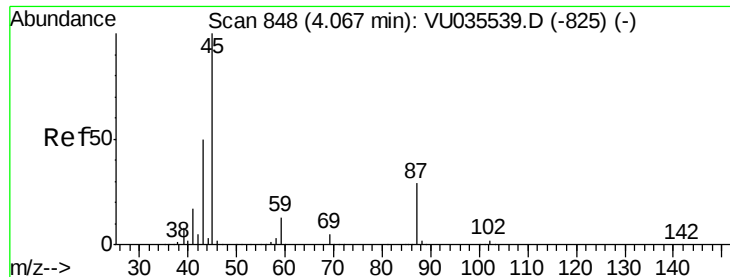
Delta R.T. 0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Tgt Ion:	117	Resp:	315716
Ion Ratio	Lower	Upper	
117	100		
119	98.1	77.3	115.9
121	31.8	25.2	37.8





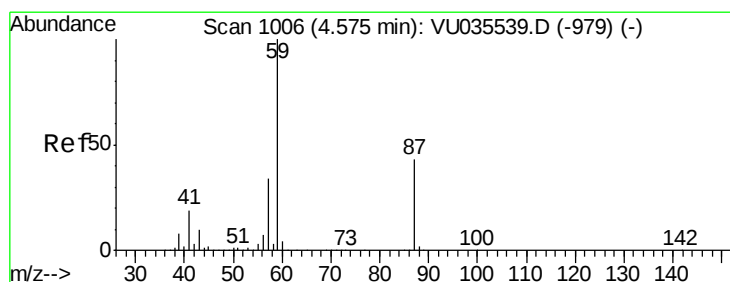
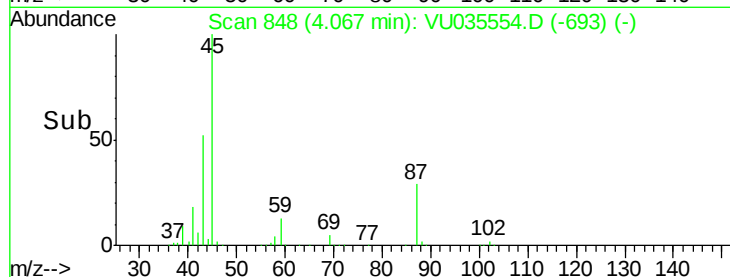
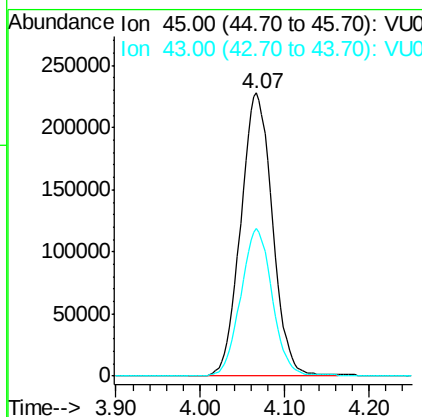
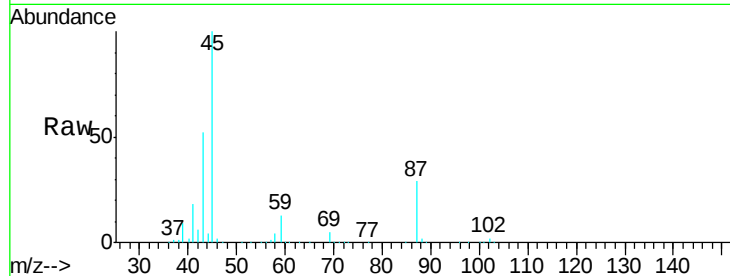
#31
Isopropyl Ether
Concen: 9.854 ug/l
RT: 4.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 596923
Ion Ratio Lower Upper
45 100
43 51.7 25.3 75.8

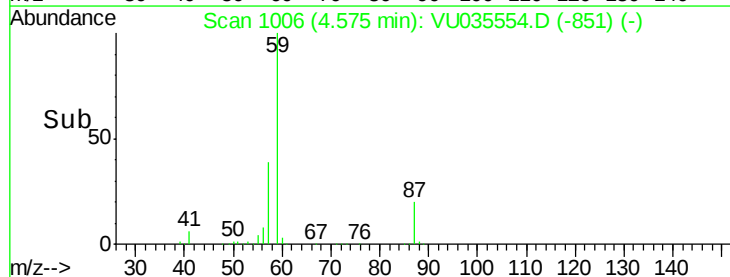
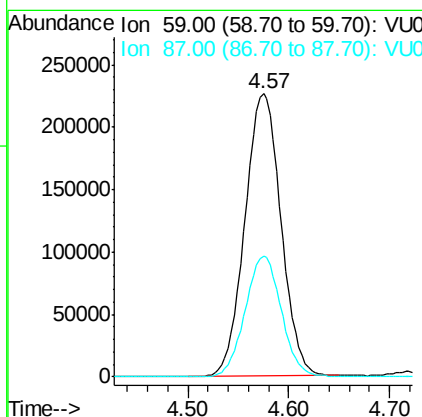
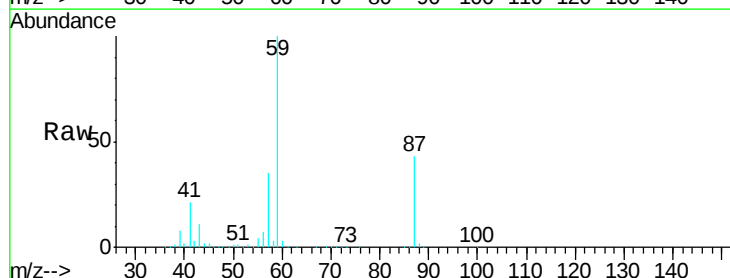
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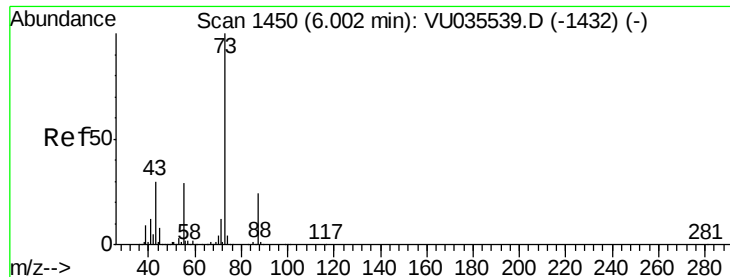
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#32
Ethyl-t-butyl ether
Concen: 9.992 ug/l
RT: 4.57 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 59 Resp: 560373
Ion Ratio Lower Upper
59 100
87 42.7 33.9 50.9





#33

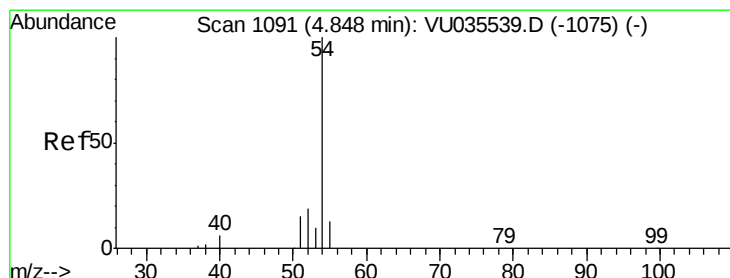
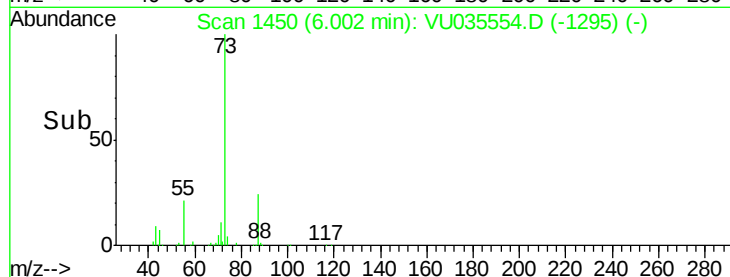
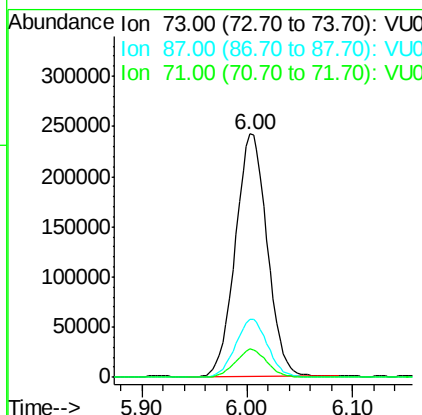
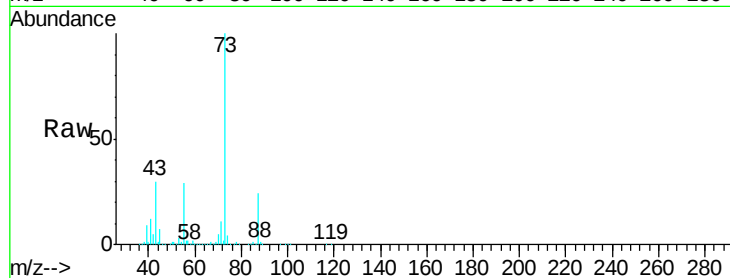
Tert-Amyl methyl ether
 Concen: 10.472 ug/l
 RT: 6.00 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
73	100		
87	23.9	19.5	29.3
71	11.5	9.4	14.2

Manual Integrations
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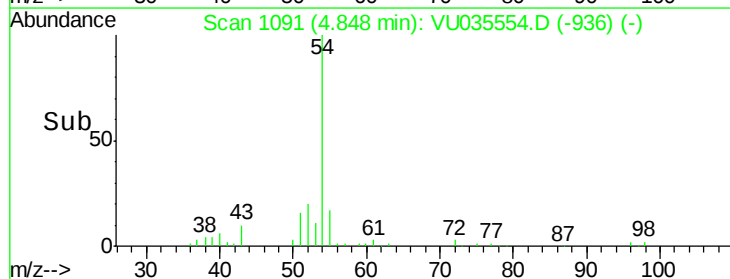
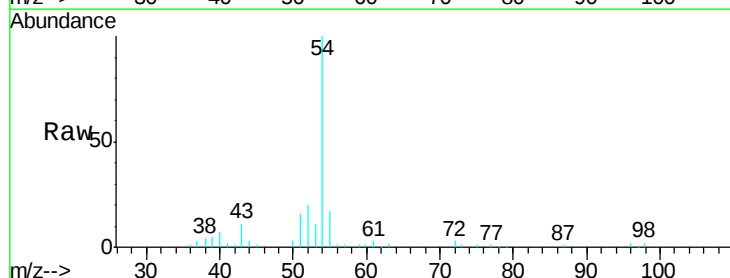
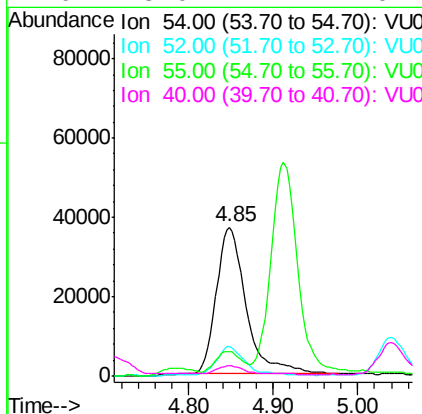
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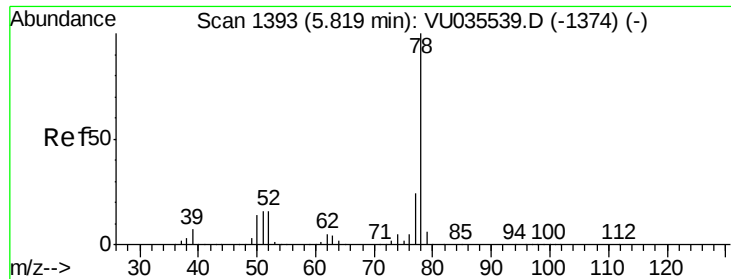


#34

Propionitrile
 Concen: 47.348 ug/l
 RT: 4.85 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.9	14.6	21.8
55	13.8	11.7	17.5
40	5.0	4.2	6.2





#35

Benzene

Concen: 9.836 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 78 Resp: 924116

Ion Ratio Lower Upper

78 100

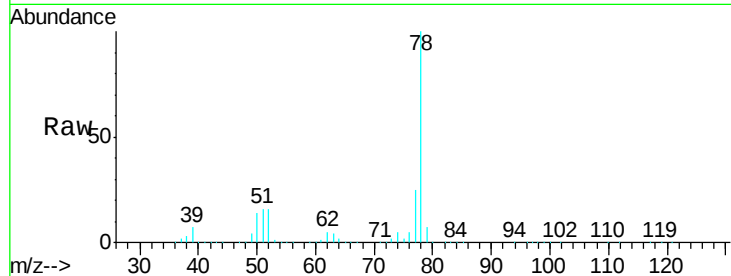
77 24.5 19.0 28.4

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

500000

400000

300000

200000

100000

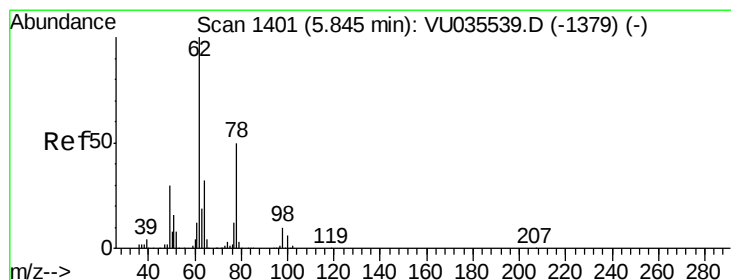
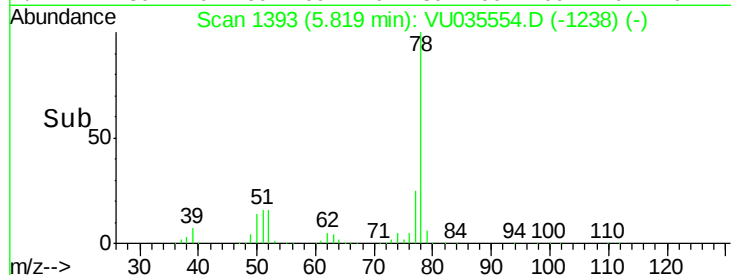
0

5.70

5.80

5.90

Time-->



#36

1,2-Dichloroethane

Concen: 9.677 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035554.D

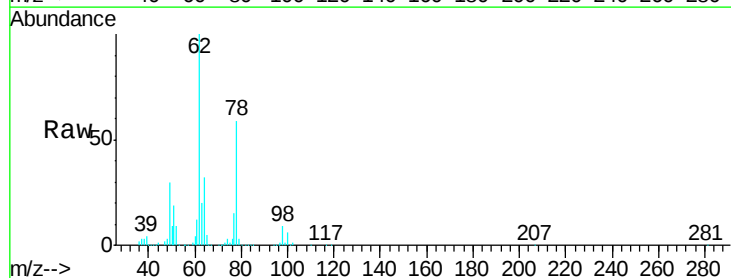
Acq: 30 Oct 2019 11:55

Tgt Ion: 62 Resp: 260482

Ion Ratio Lower Upper

62 100

98 9.7 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

100000

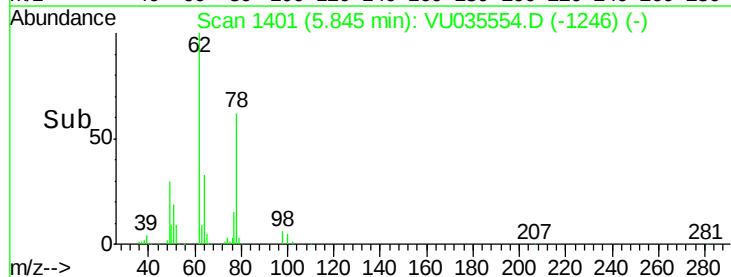
50000

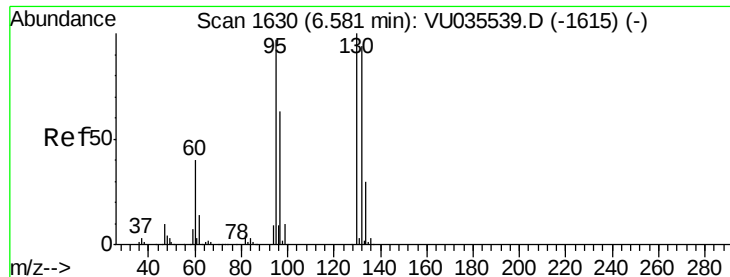
0

5.80

5.90

Time-->





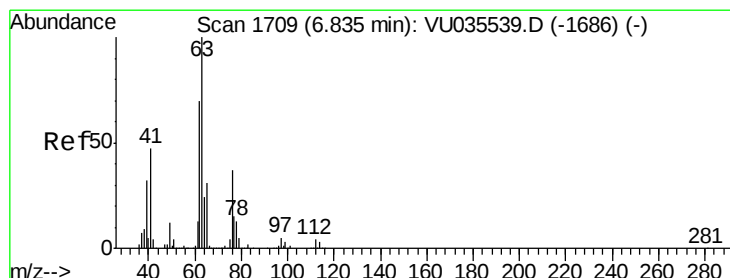
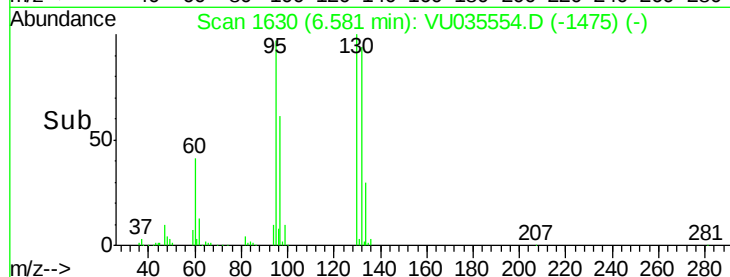
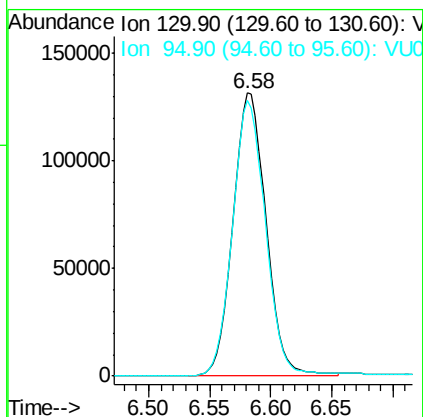
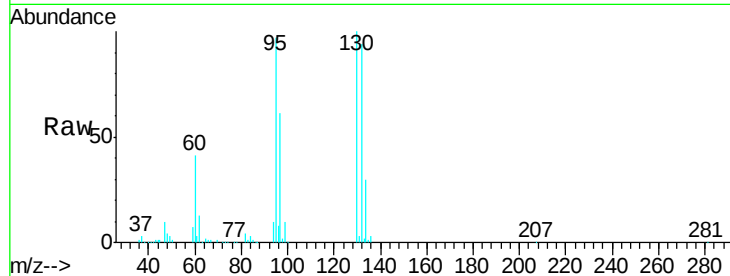
#37
 Trichloroethene
 Concen: 9.487 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 130 Resp: 247594
 Ion Ratio Lower Upper
 130 100
 95 97.5 77.5 116.3

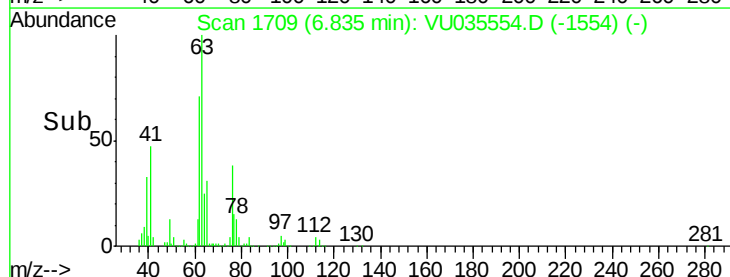
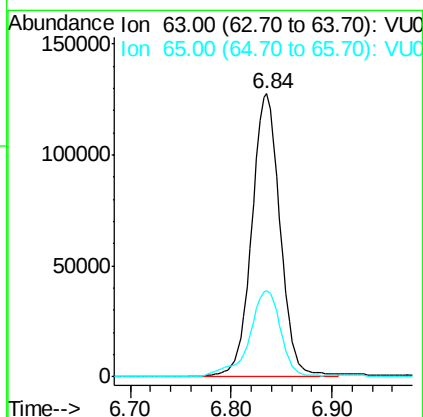
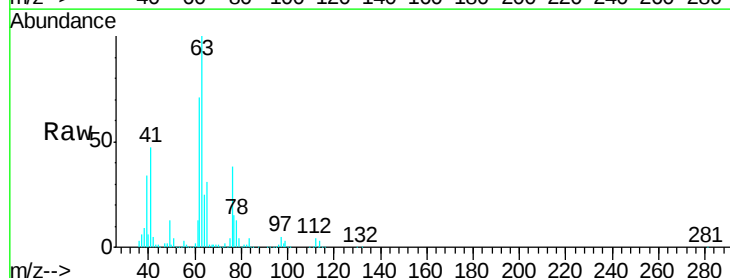
Manual Integrations
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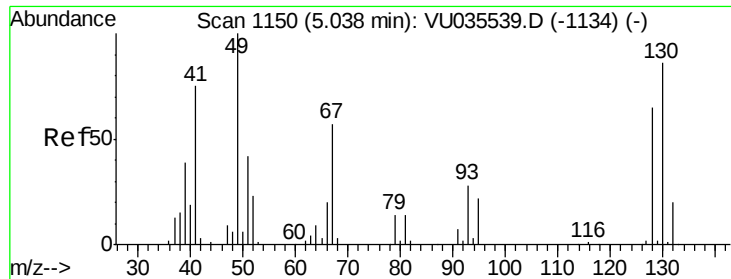
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#38
 1,2-Dichloropropane
 Concen: 9.630 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion: 63 Resp: 248103
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6





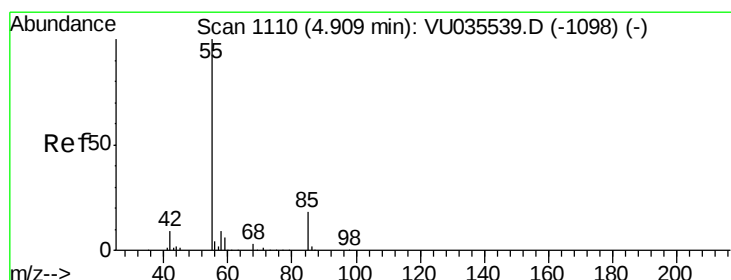
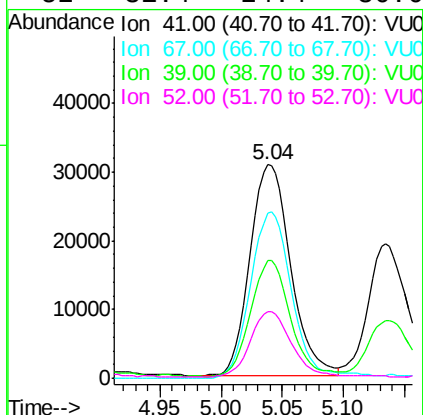
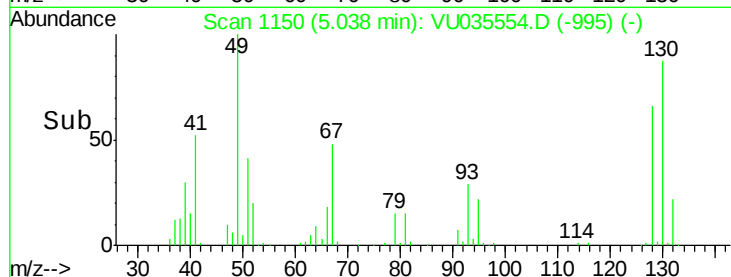
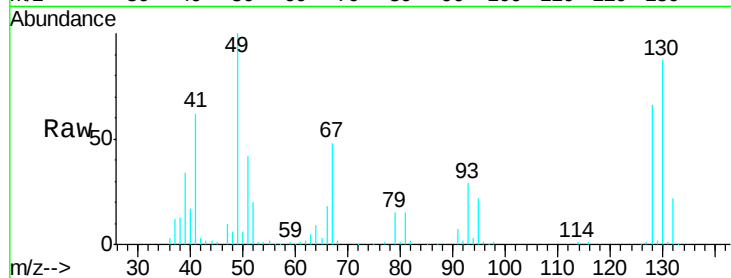
#39
Methacrylonitrile
Concen: 9.771 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
41	100		
67	79.5	61.5	92.3
39	54.1	41.3	61.9
52	31.4	24.4	36.6

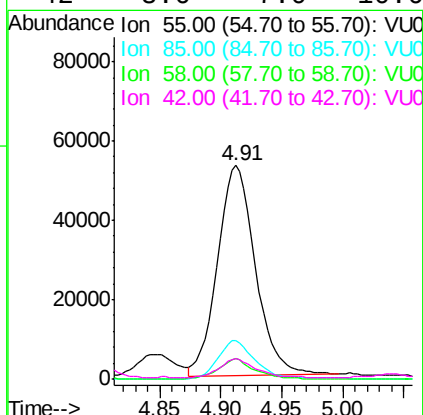
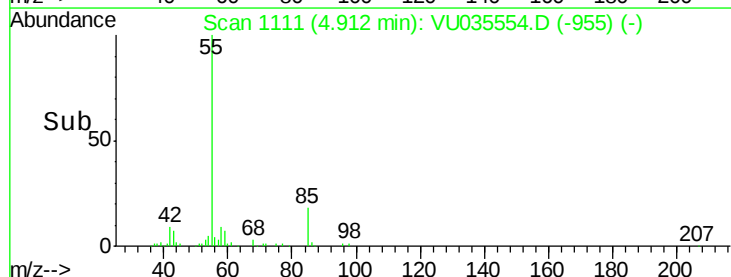
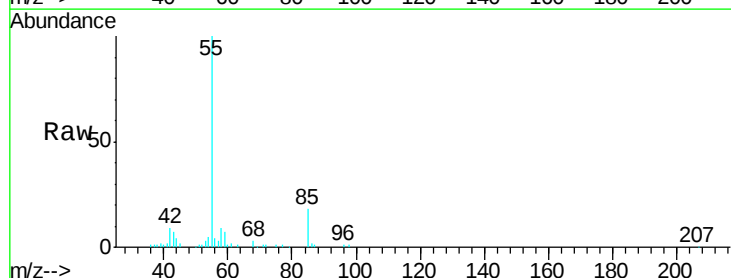
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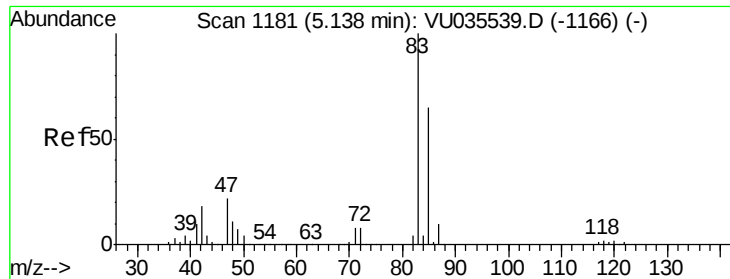
MMDadoda
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#40
Methyl acrylate
Concen: 10.481 ug/l
RT: 4.91 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
55	100		
85	17.6	13.5	20.3
58	9.0	6.6	10.0
42	8.6	7.0	10.6





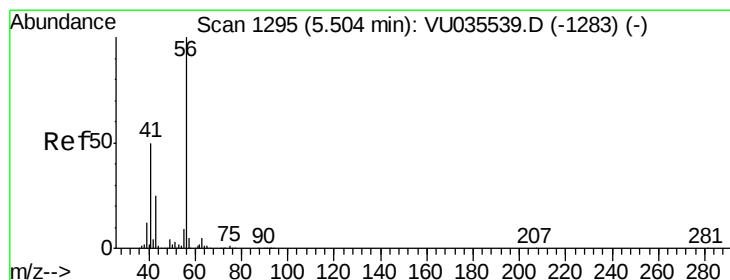
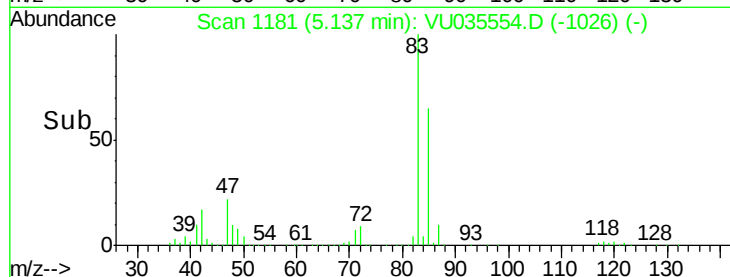
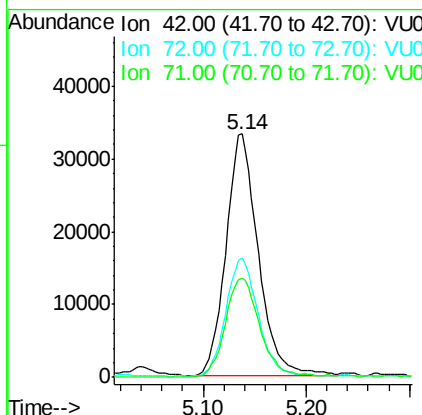
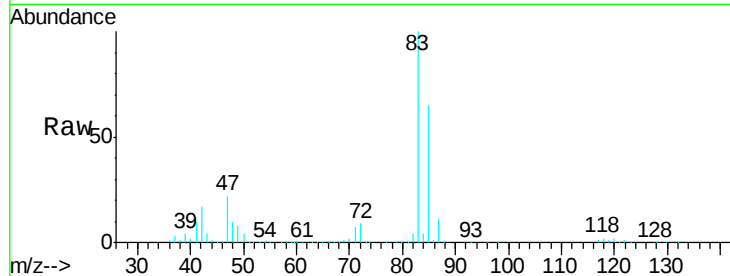
#41
Tetrahydrofuran
Concen: 19.597 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.3	89.9	134.9#
71	43.8	3.7	5.5#

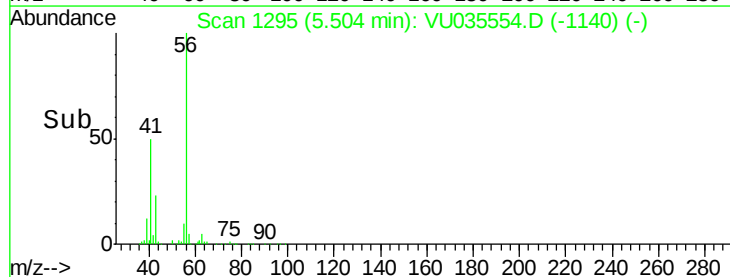
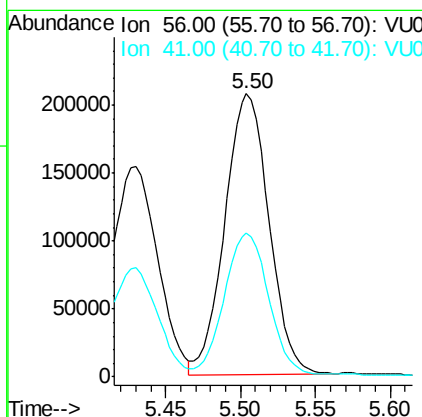
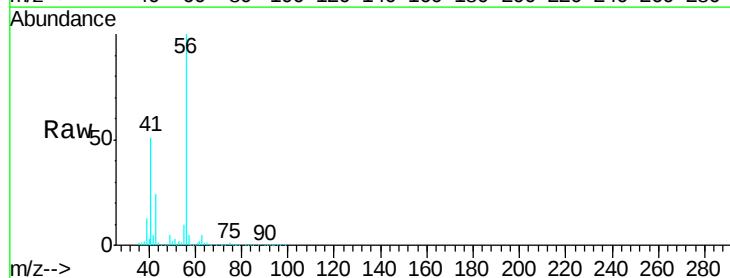
Manual Integrations
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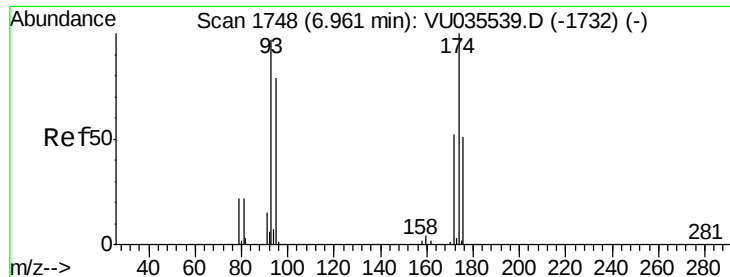
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#42
1-Chlorobutane
Concen: 9.981 ug/l
RT: 5.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
56	100		
41	50.7	25.5	76.5





#43

Dibromomethane

Concen: 9.731 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

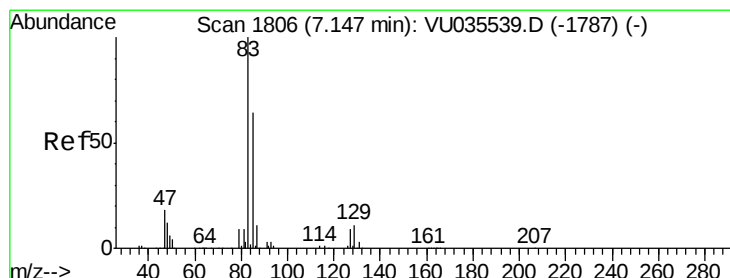
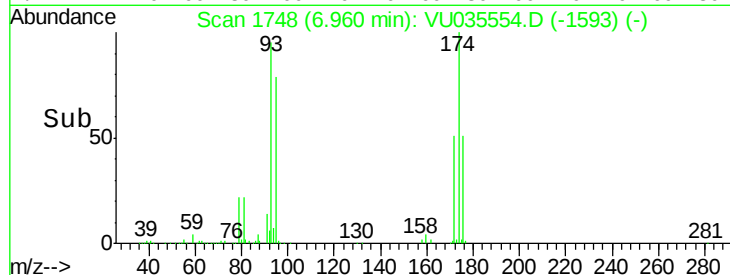
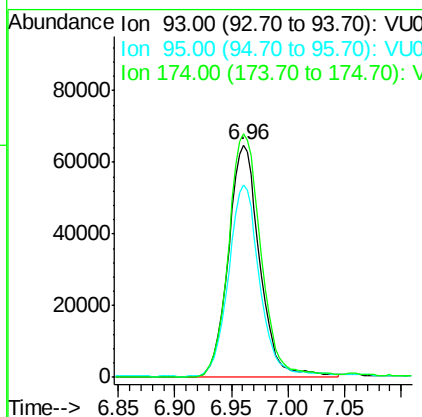
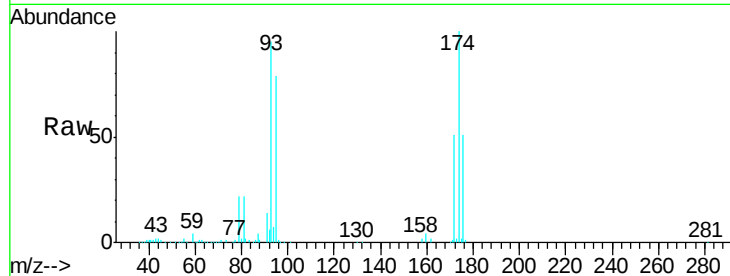
ClientSampleId :

VSTDCCC010EC

Tgt Ion:	93	Resp:	125231
Ion Ratio	Lower	Upper	
93	100		
95	81.5	65.1	97.7
174	108.8	84.2	126.4

Manual Integrations
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#44

Bromodichloromethane

Concen: 9.704 ug/l

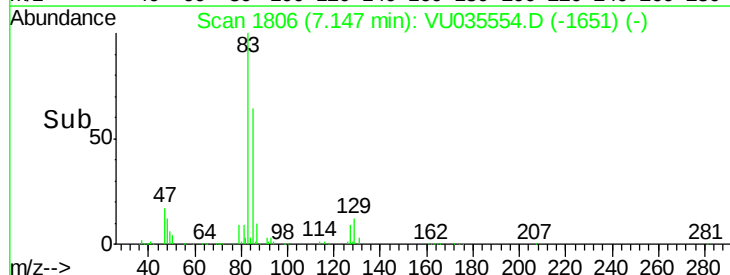
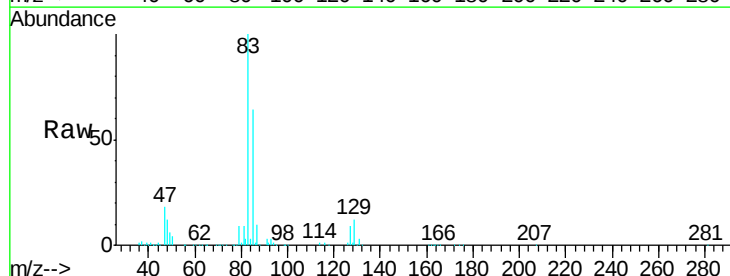
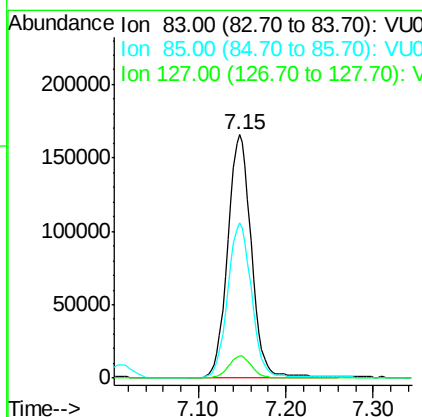
RT: 7.15 min Scan# 1806

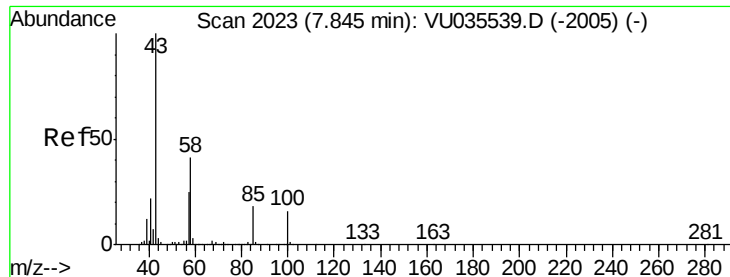
Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Tgt Ion:	83	Resp:	311195
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.6	77.4
127	9.2	7.0	10.4





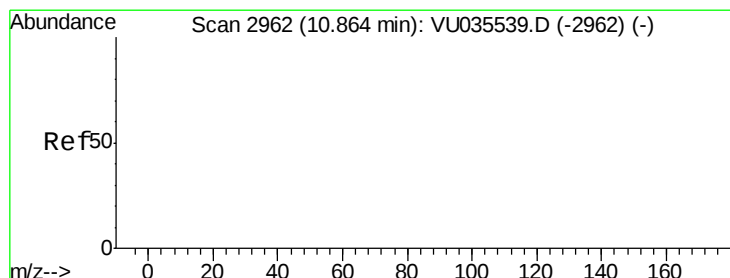
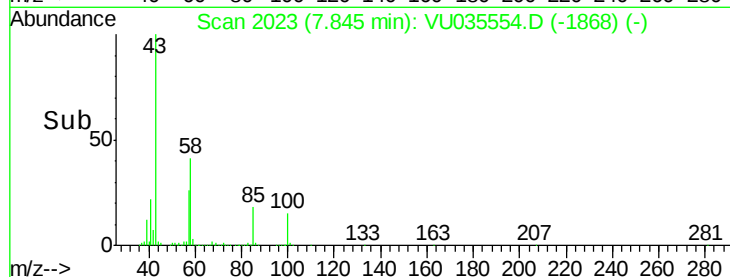
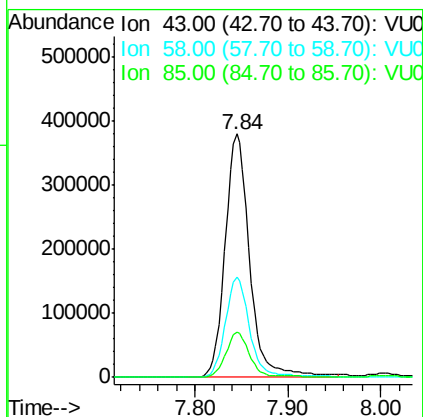
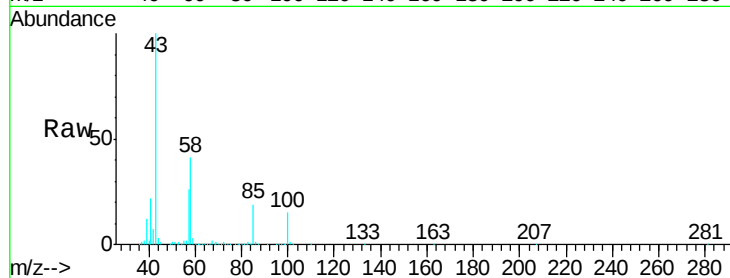
#45
 4-Methyl-2-Pentanone
 Concen: 50.786 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.1	20.6	61.8
85	18.4	14.5	21.7

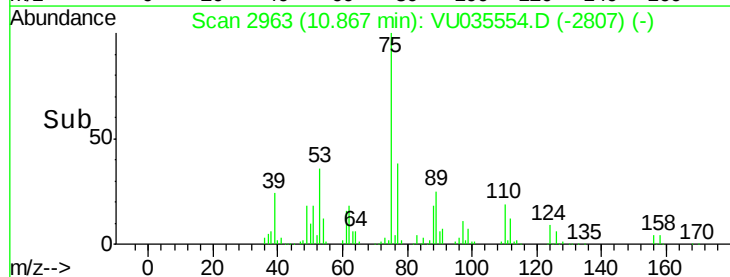
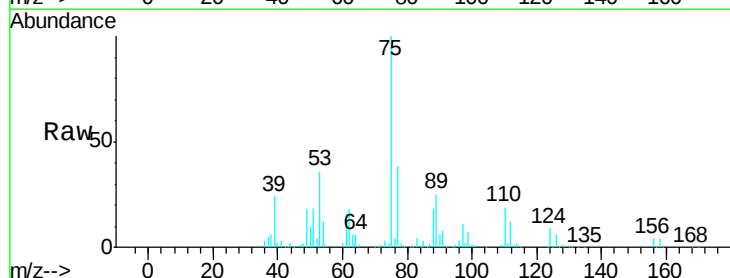
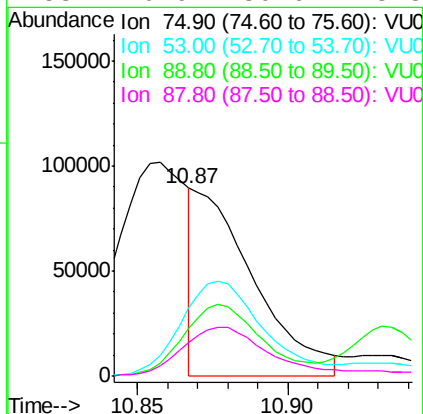
Manual Integrations
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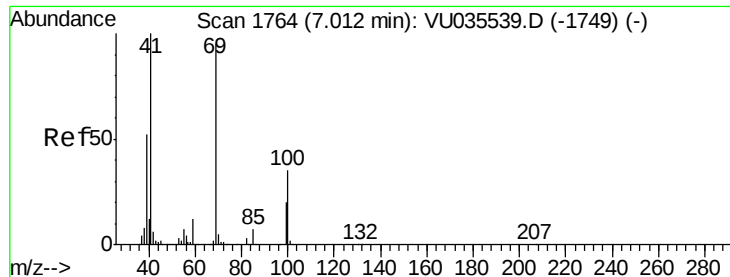
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#46
 t-1,4-Dichloro-2-butene
 Concen: 24.388 ug/l m
 RT: 10.87 min Scan# 2963
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
53	71.2	54.1	81.1
89	51.0	38.2	57.4
88	40.9	30.6	45.8





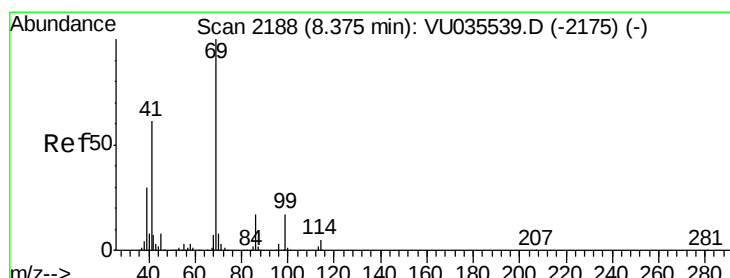
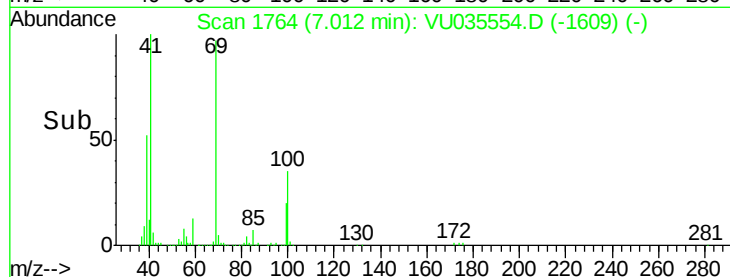
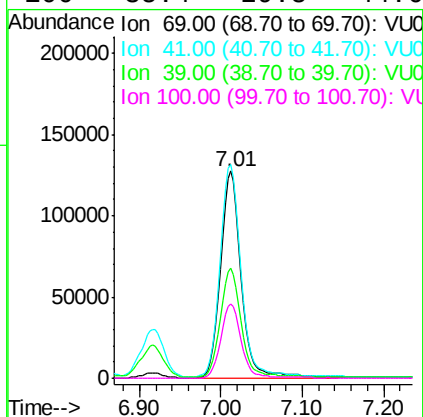
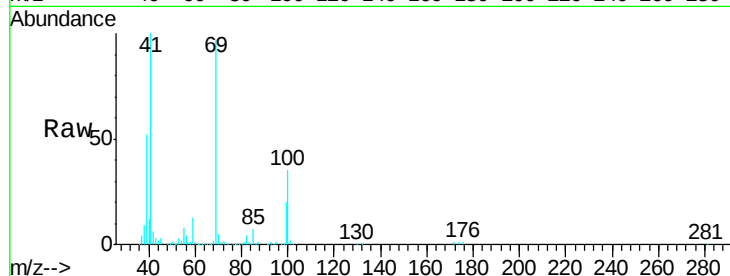
#47
Methyl methacrylate
Concen: 21.521 ug/l
RT: 7.01 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
69	100		
41	103.8	0.0	216.8
39	53.5	45.1	67.7
100	35.4	29.8	44.6

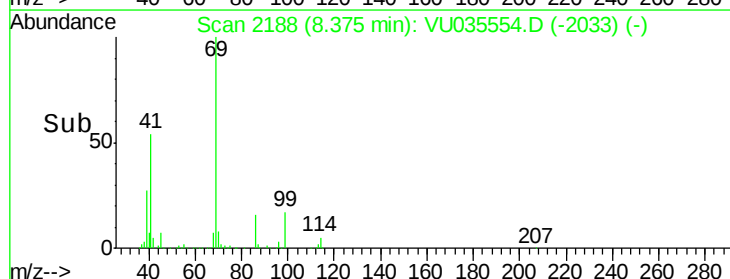
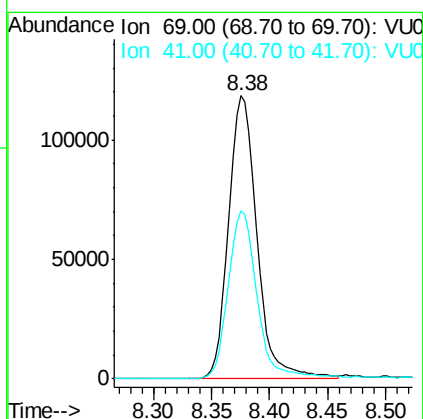
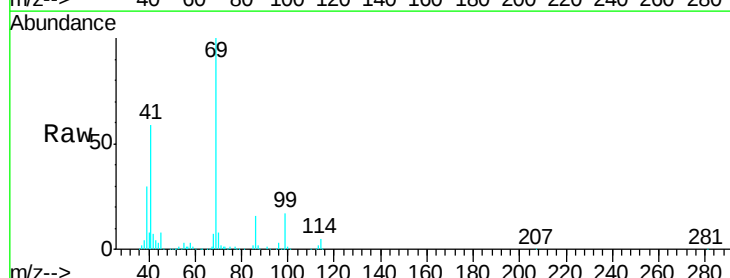
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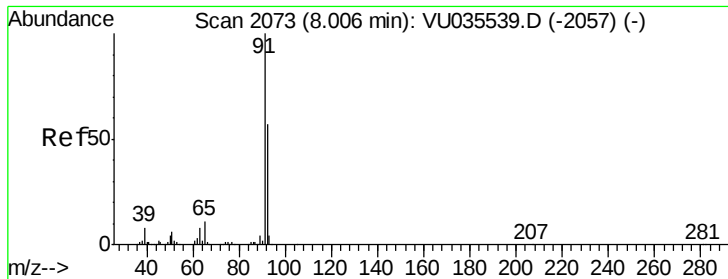
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#48
Ethyl methacrylate
Concen: 10.770 ug/l
RT: 8.38 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.3	30.4	91.2





#49

Toluene

Concen: 10.536 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 569358

Ion Ratio Lower Upper

92 100

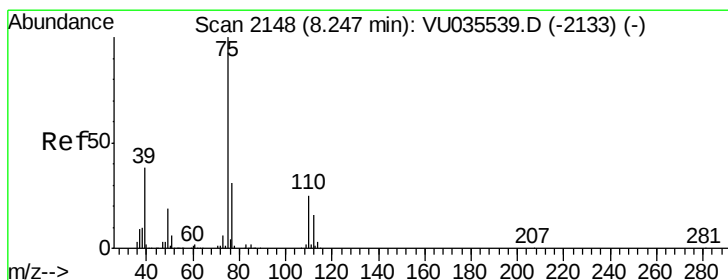
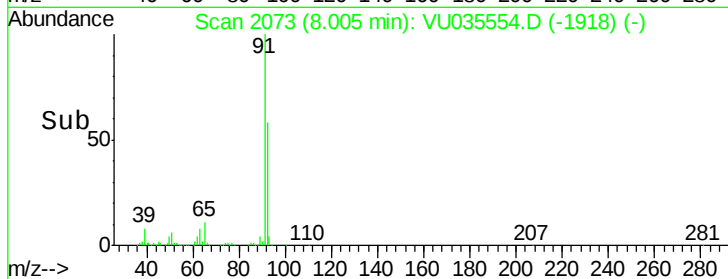
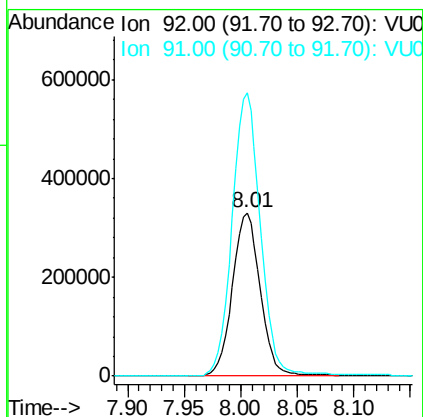
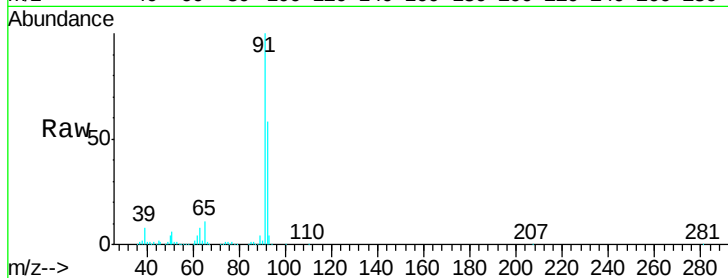
91 176.9 141.4 212.0

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 10.191 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035554.D

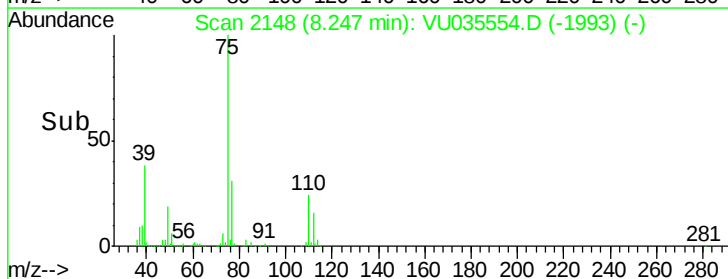
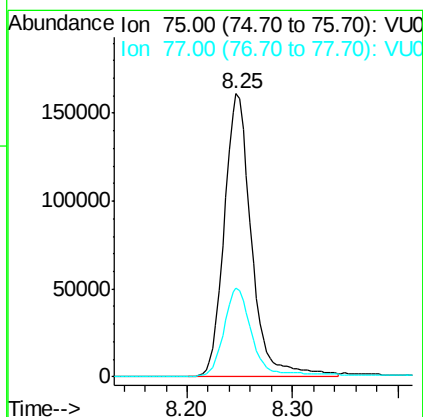
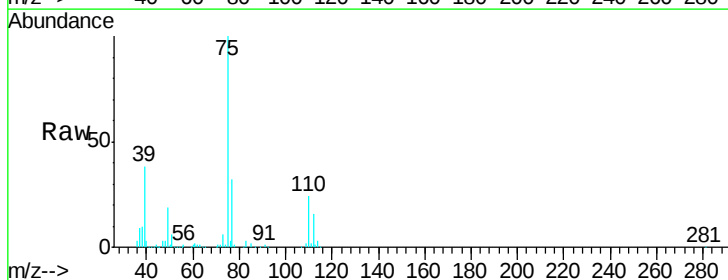
Acq: 30 Oct 2019 11:55

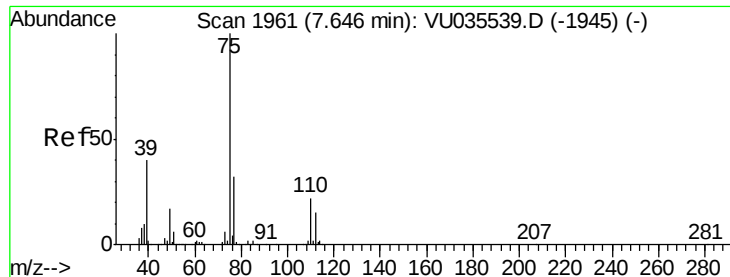
Tgt Ion: 75 Resp: 289411

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8





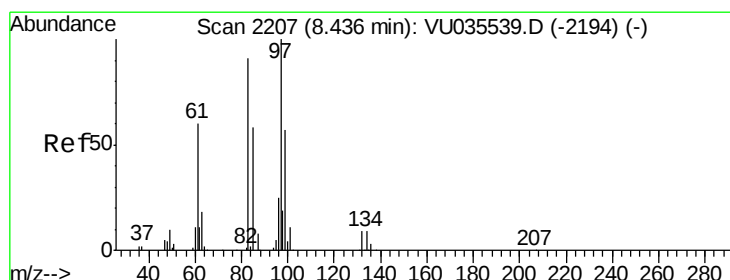
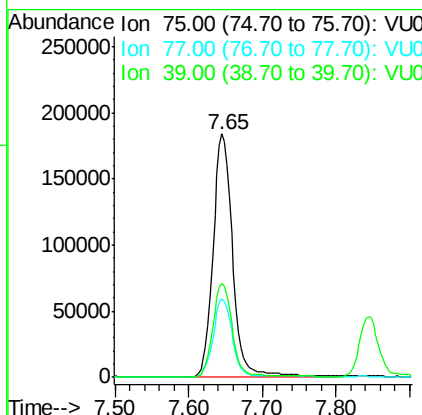
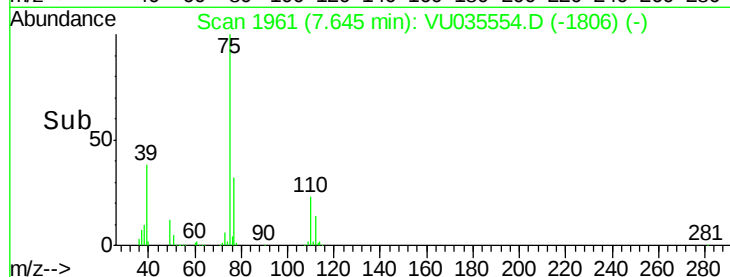
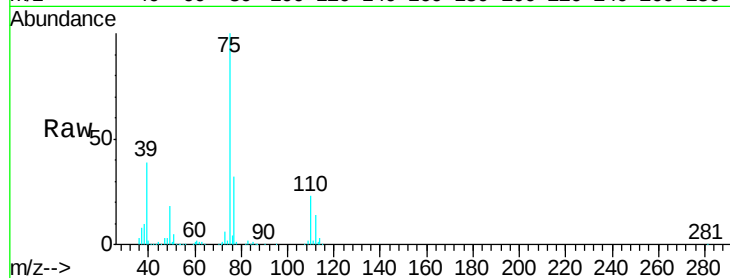
#51
 cis-1,3-Dichloropropene
 Concen: 10.171 ug/l
 RT: 7.65 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	38.4	32.1	48.1

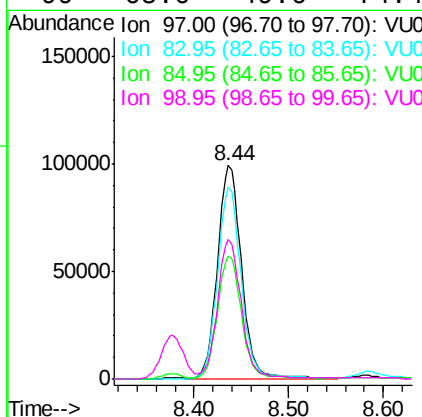
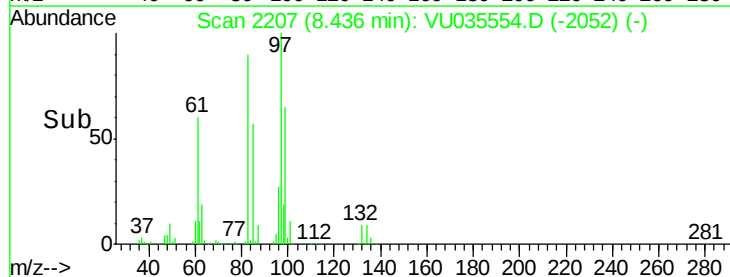
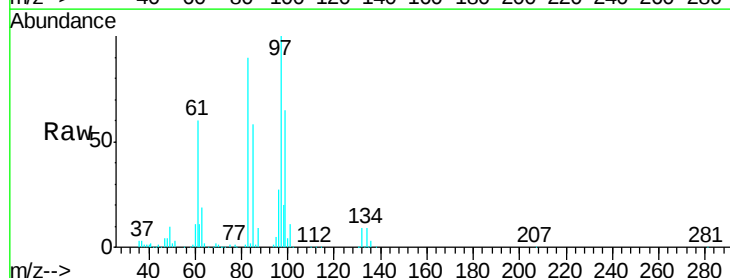
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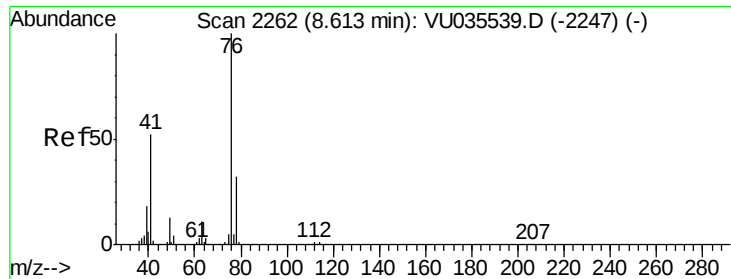
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#52
 1,1,2-Trichloroethane
 Concen: 9.691 ug/l
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	72.6	108.8
85	57.4	46.4	69.6
99	65.0	49.6	74.4





#53

1,3-Dichloropropane

Concen: 10.111 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 309059

Ion Ratio Lower Upper

76 100

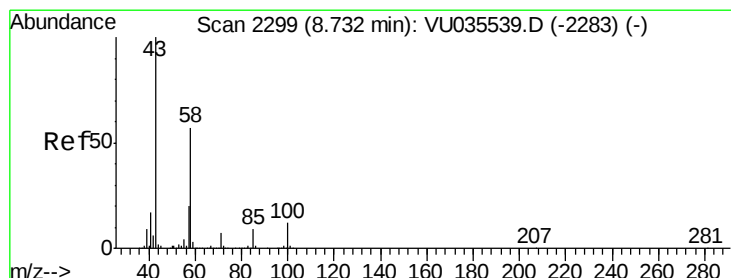
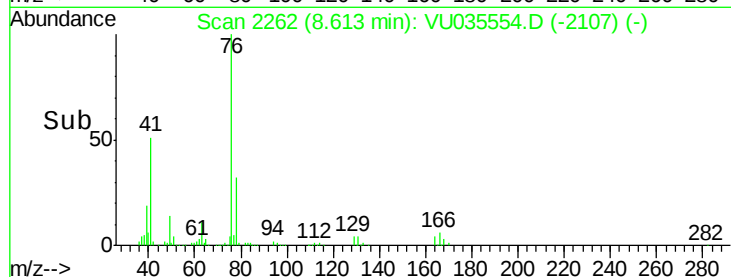
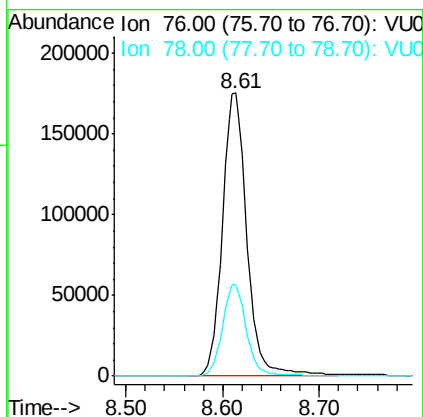
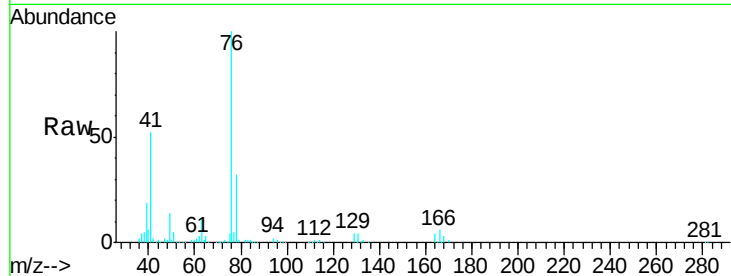
78 31.7 25.6 38.4

Manual Integrations

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#54

2-Hexanone

Concen: 50.683 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

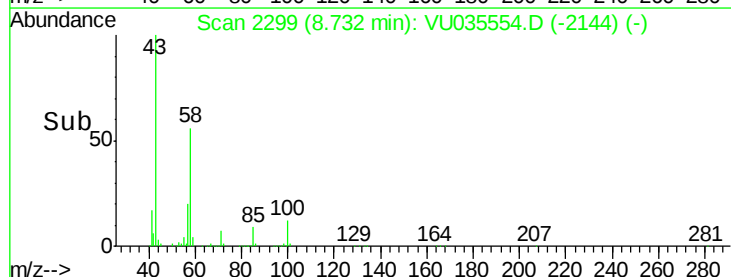
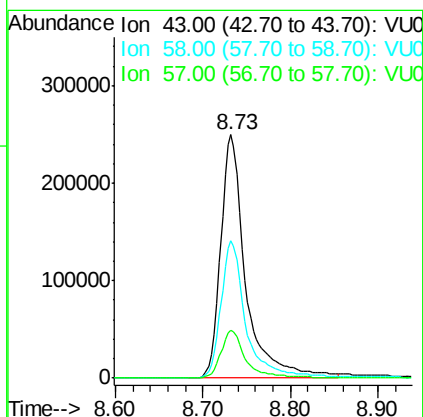
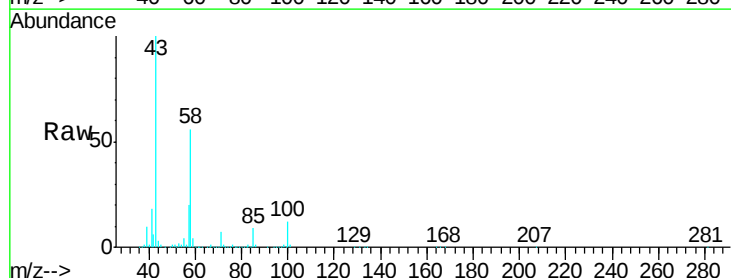
Tgt Ion: 43 Resp: 494296

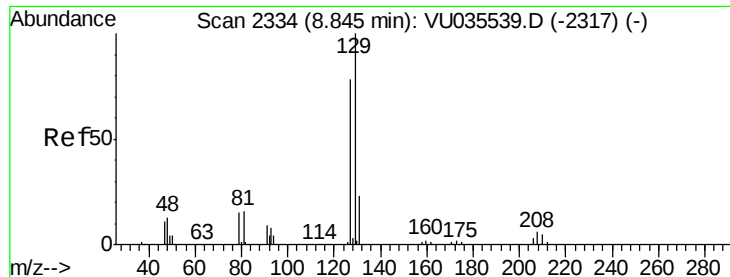
Ion Ratio Lower Upper

43 100

58 56.3 37.2 77.2

57 19.0 0.0 39.1





#55

Dibromochloromethane

Concen: 10.071 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:129 Resp: 221777

Ion Ratio Lower Upper

129 100

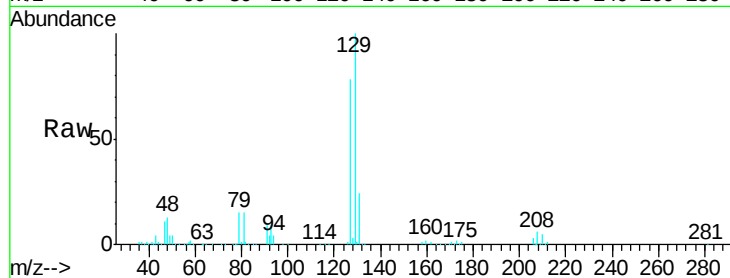
127 77.7 62.3 93.5

Manual Integrations

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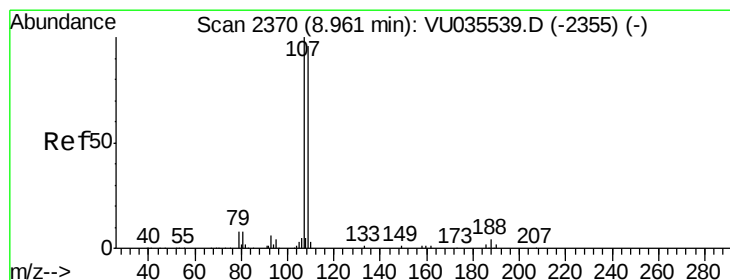
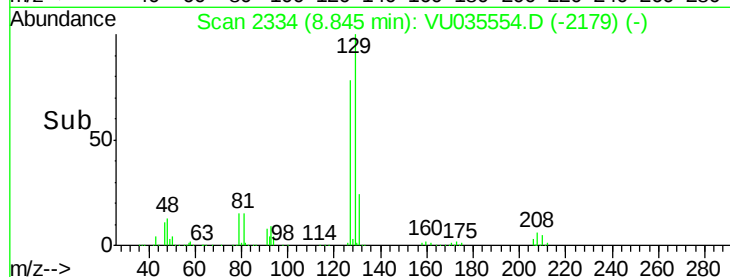
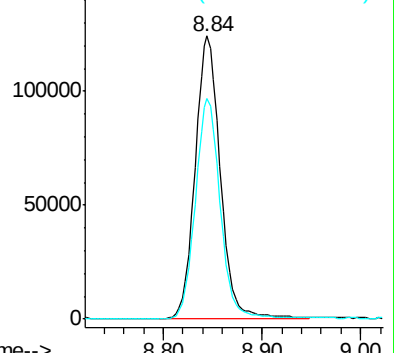
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.255 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035554.D

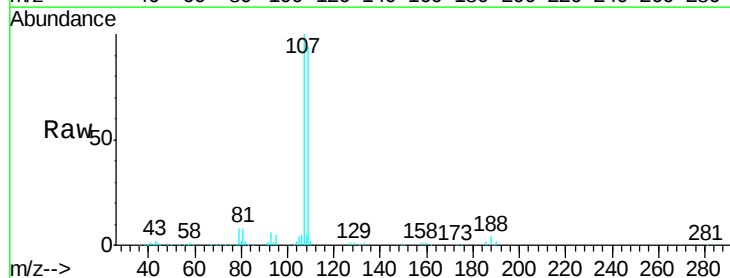
Acq: 30 Oct 2019 11:55

Tgt Ion:107 Resp: 169210

Ion Ratio Lower Upper

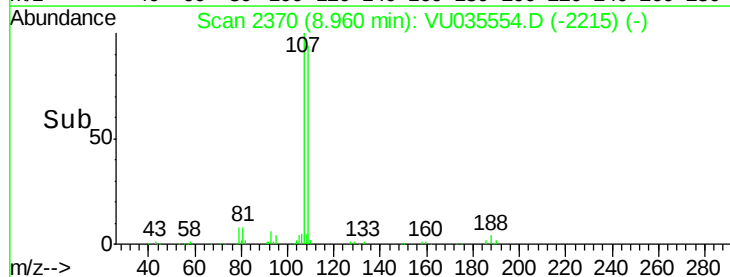
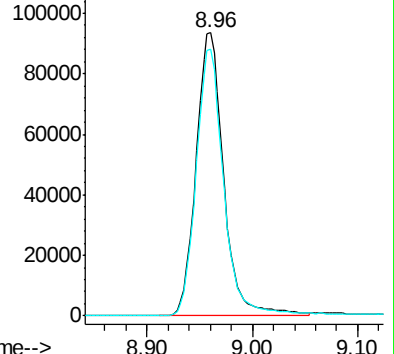
107 100

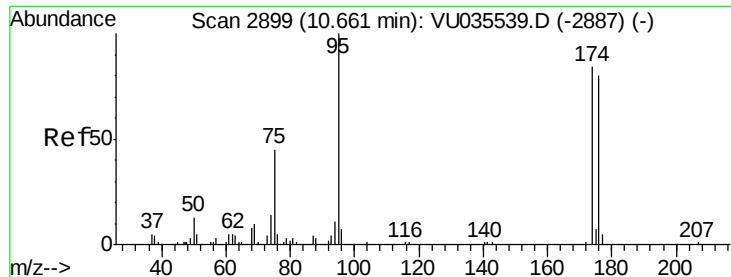
109 95.1 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





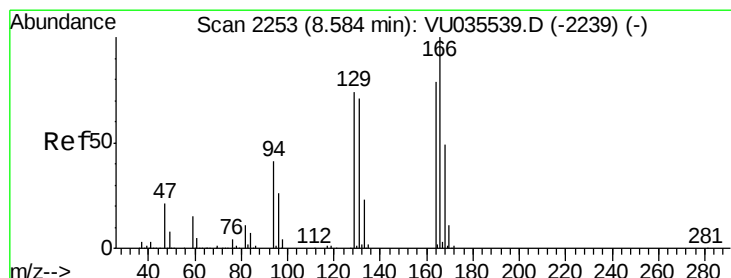
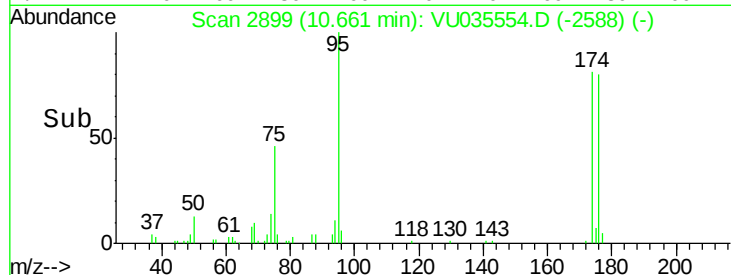
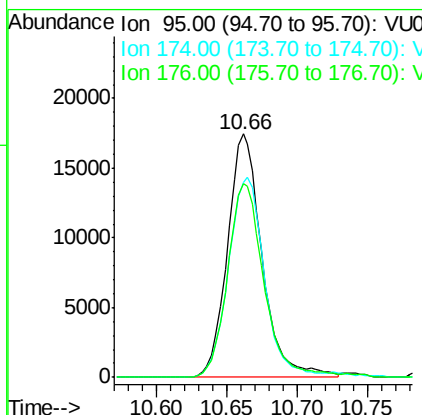
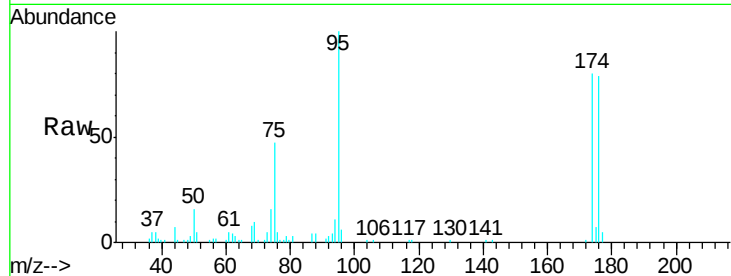
#57
4-Bromofluorobenzene
Concen: 1.089 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 95 Resp: 30034
Ion Ratio Lower Upper
95 100
174 85.1 70.2 105.4
176 83.2 67.7 101.5

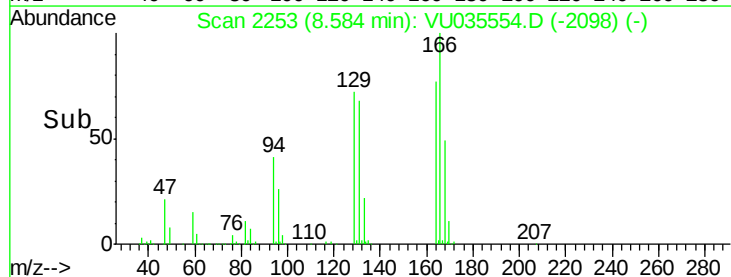
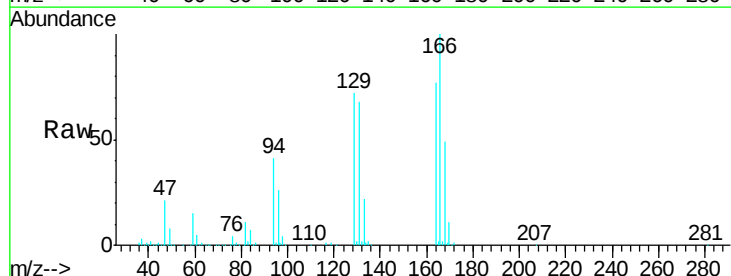
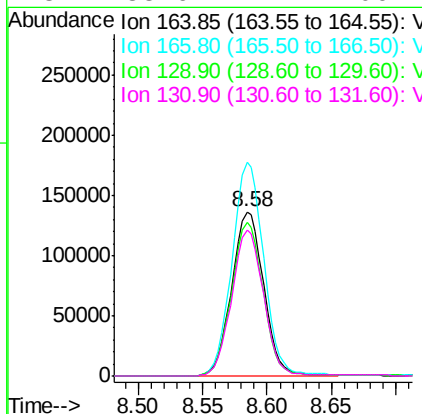
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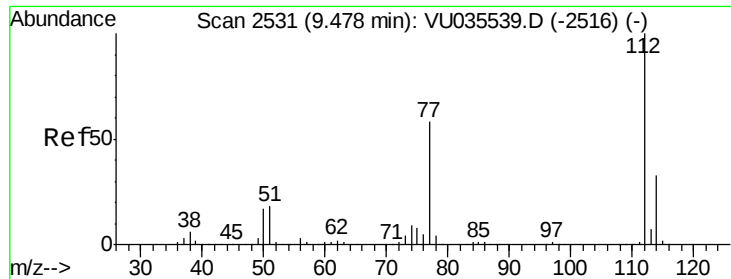
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#58
Tetrachloroethene
Concen: 9.879 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion: 164 Resp: 236343
Ion Ratio Lower Upper
164 100
166 129.9 100.6 151.0
129 93.5 74.1 111.1
131 88.6 71.1 106.7





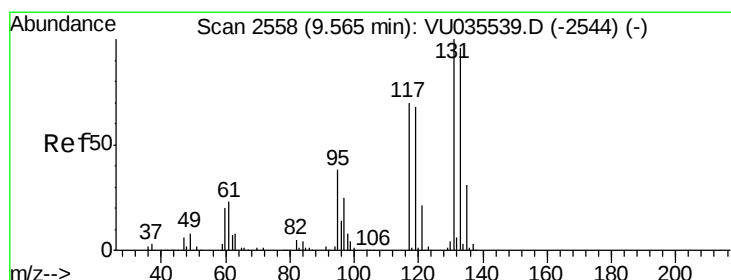
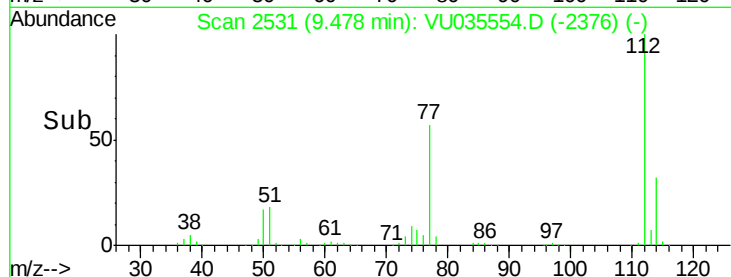
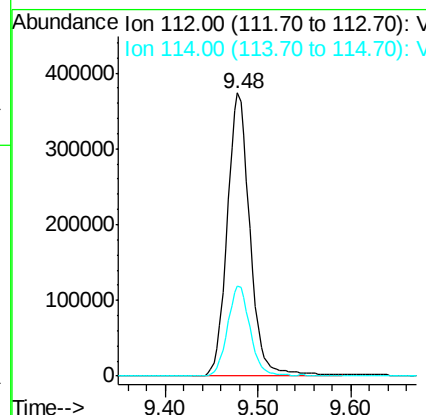
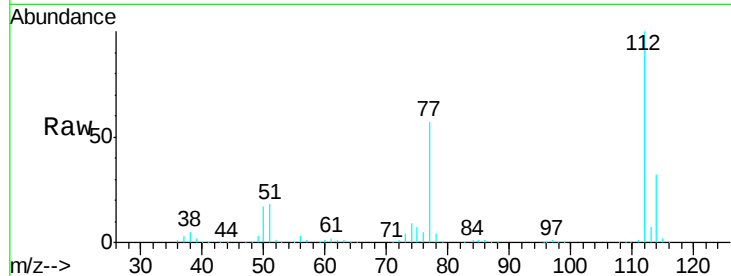
#59
Chlorobenzene
Concen: 10.226 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 637125
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7

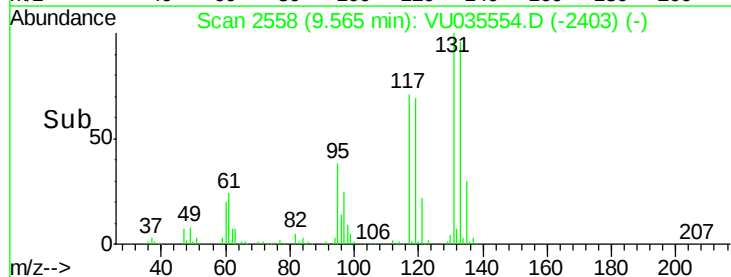
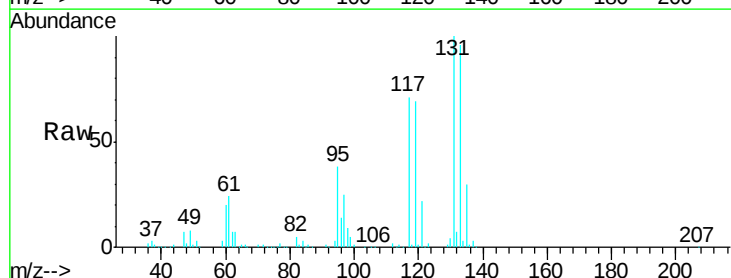
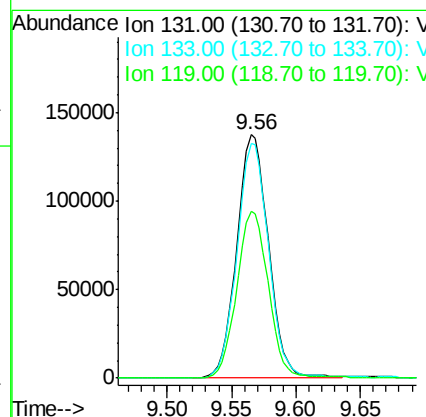
Manual Integrations
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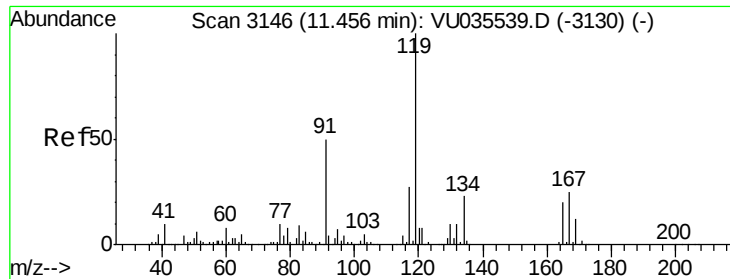
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.840 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion:131 Resp: 235719
Ion Ratio Lower Upper
131 100
133 96.0 76.9 115.3
119 68.6 53.6 80.4





#61

Pentachloroethane

Concen: 9.758 ug/l

RT: 11.46 min Scan# 3146

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 190474

Ion Ratio Lower Upper

117 100

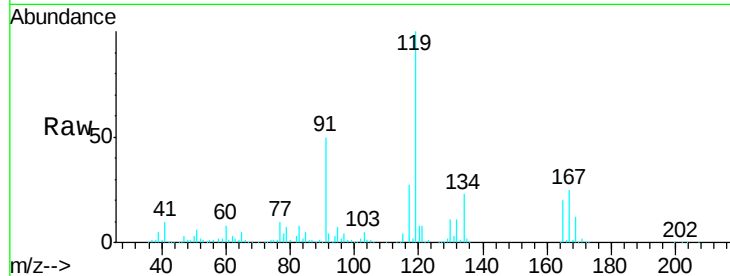
167 87.8 69.8 104.6

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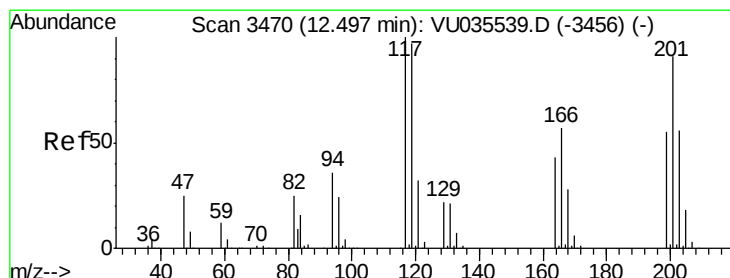
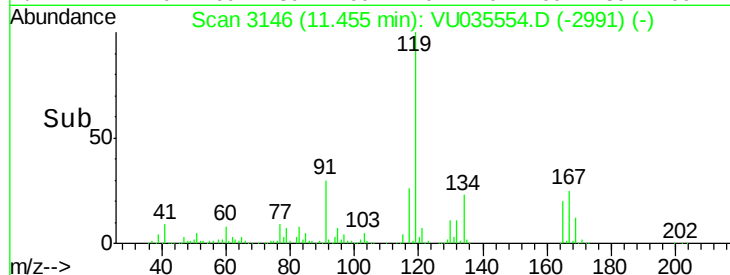
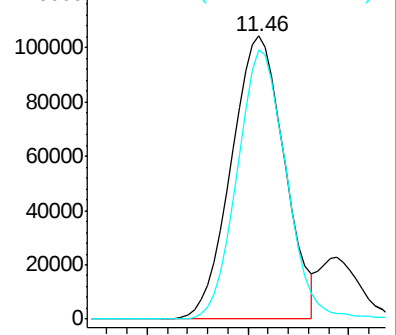
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 9.993 ug/l

RT: 12.50 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VU035554.D

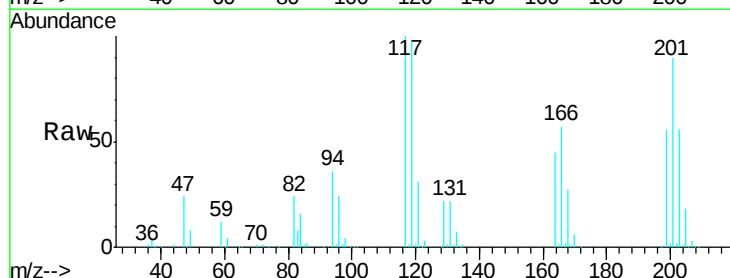
Acq: 30 Oct 2019 11:55

Tgt Ion:117 Resp: 178204

Ion Ratio Lower Upper

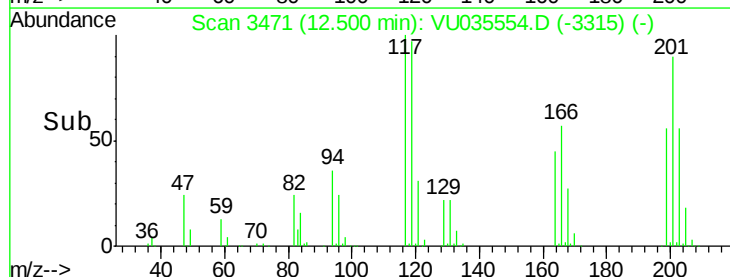
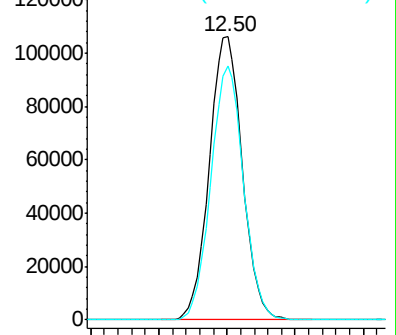
117 100

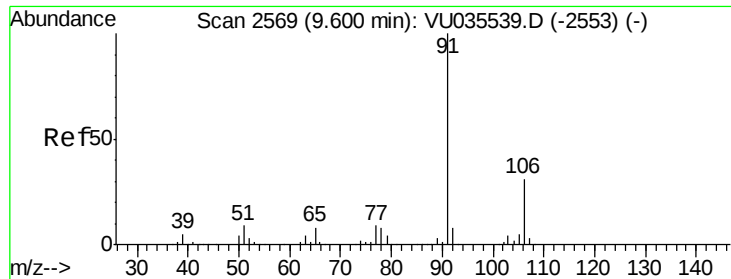
201 88.5 71.8 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 10.981 ug/l

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 1062513

Ion Ratio Lower Upper

91 100

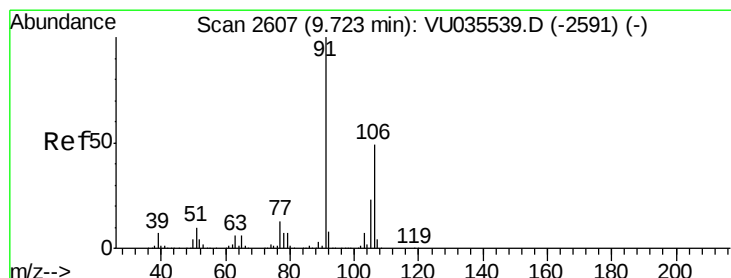
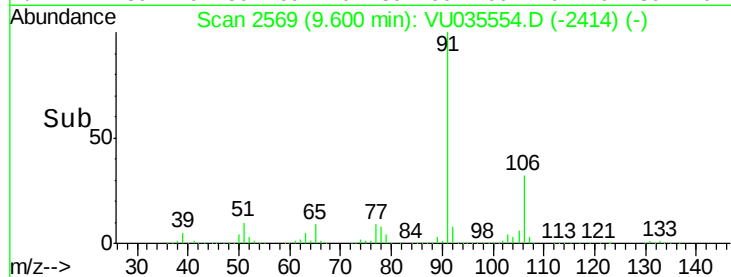
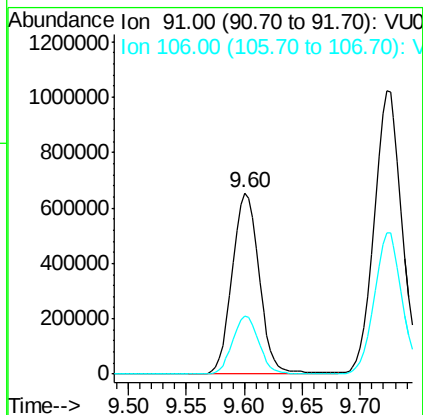
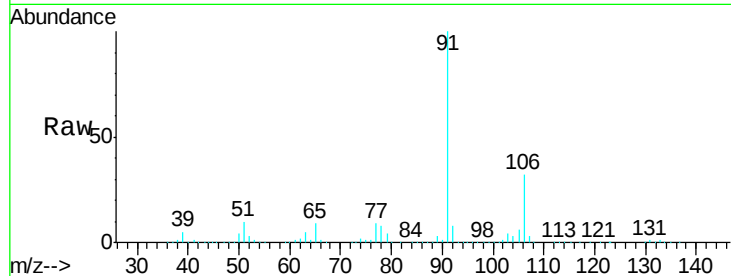
106 31.9 25.2 37.8

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#64

m/p-Xylenes

Concen: 22.553 ug/l

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035554.D

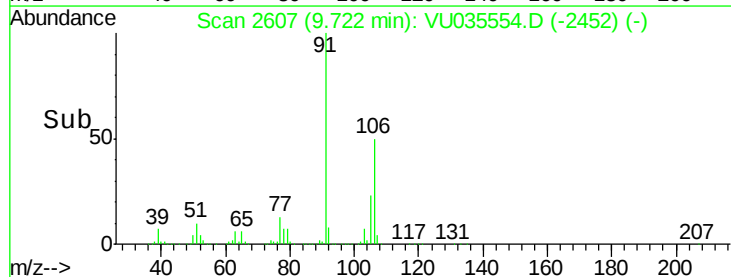
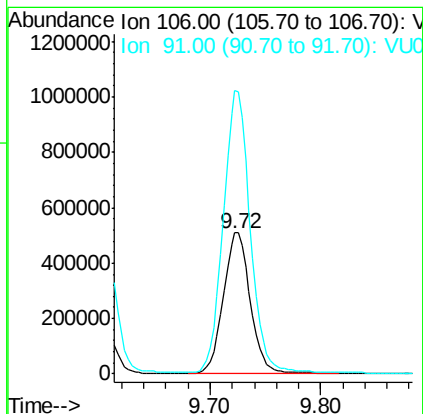
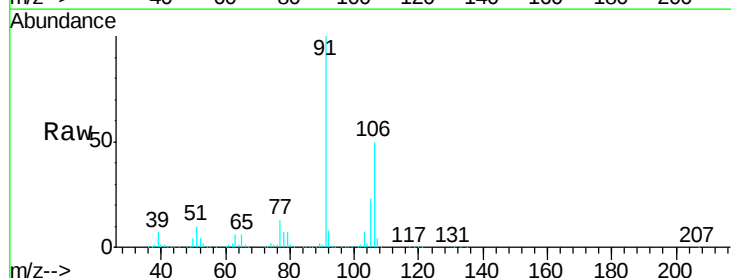
Acq: 30 Oct 2019 11:55

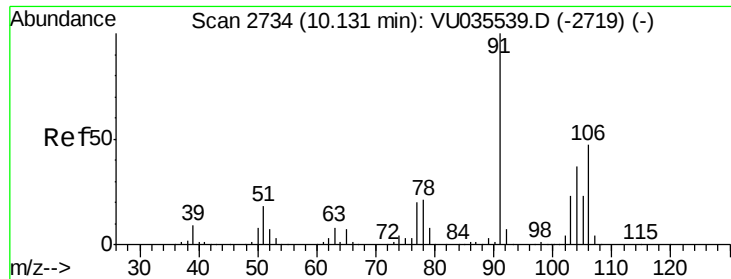
Tgt Ion: 106 Resp: 861642

Ion Ratio Lower Upper

106 100

91 204.8 81.0 121.4#





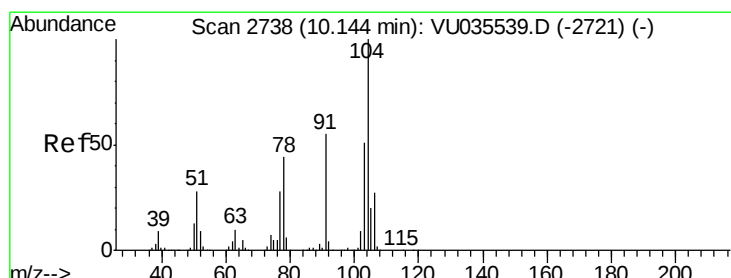
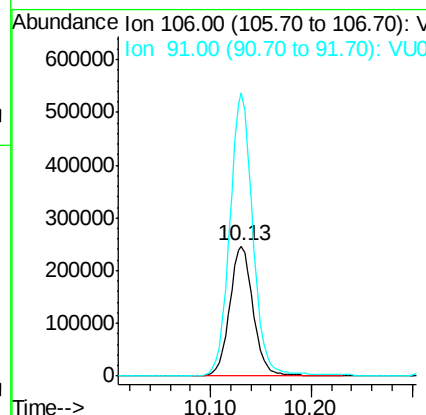
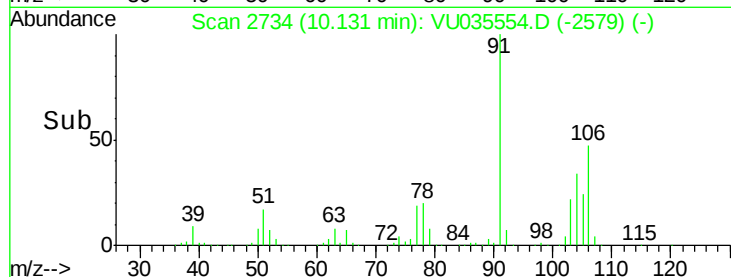
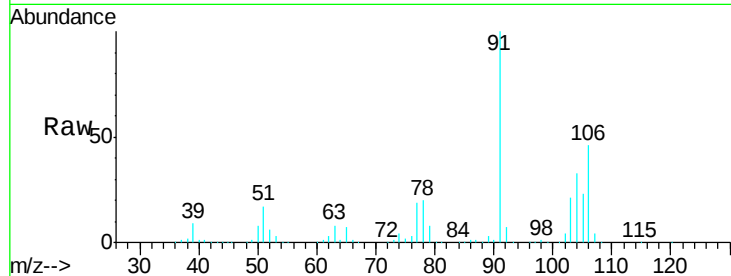
#65
o-Xylene
Concen: 10.929 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 403462
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.1

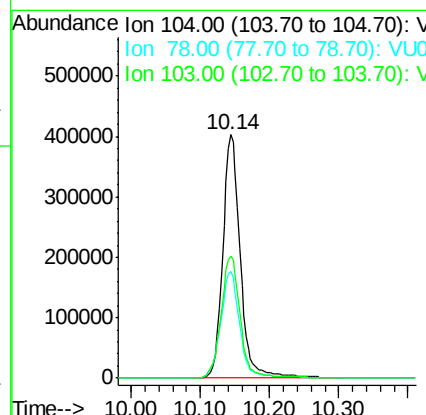
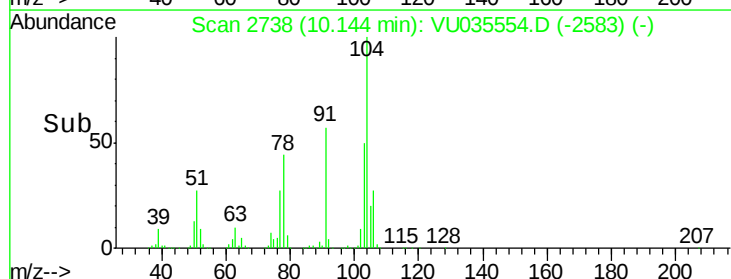
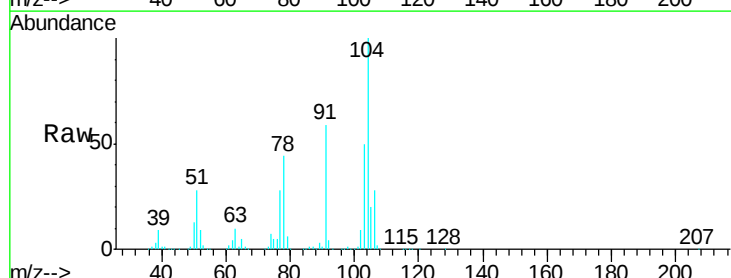
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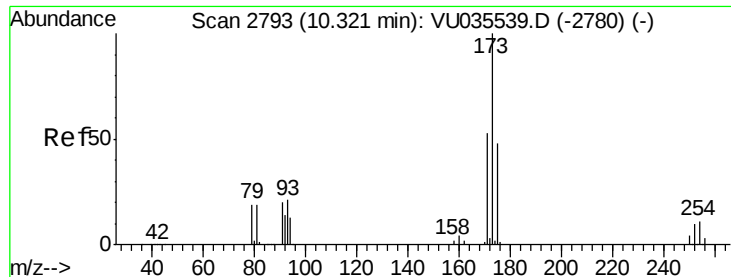
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#66
Styrene
Concen: 11.571 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion:104 Resp: 707083
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.1 43.6 65.4





#67

Bromoform

Concen: 10.111 ug/l

RT: 10.32 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

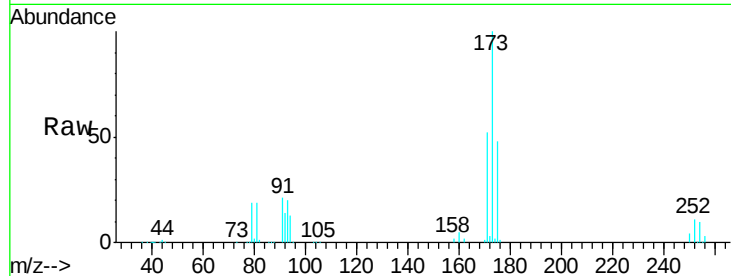
ClientSampleId :

VSTDCCC010EC

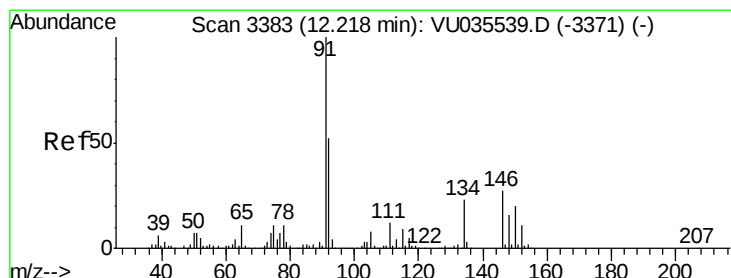
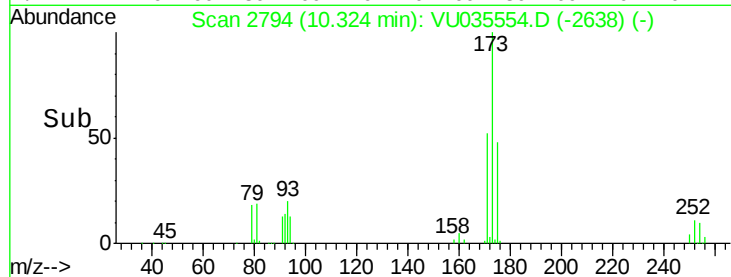
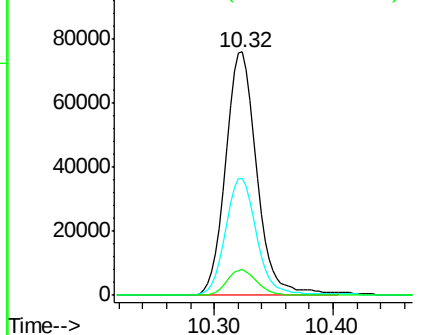
Tgt Ion:	173	Resp:	138150
Ion Ratio	Lower	Upper	
173	100		
175	48.0	38.7	58.1
254	10.3	8.2	12.2

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.063 ug/l

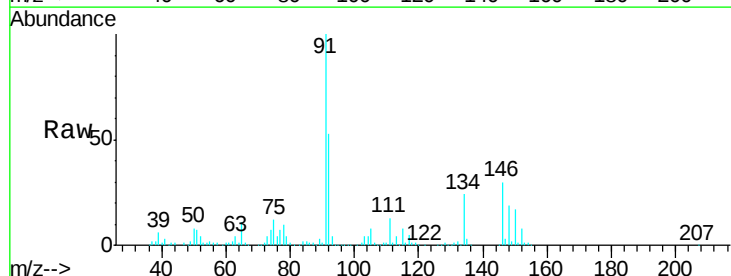
RT: 12.22 min Scan# 3384

Delta R.T. 0.00 min

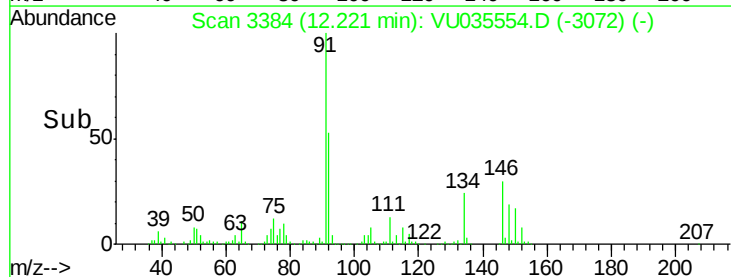
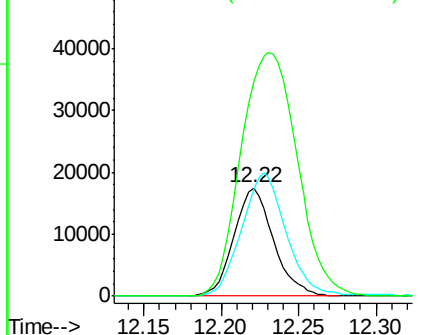
Lab File: VU035554.D

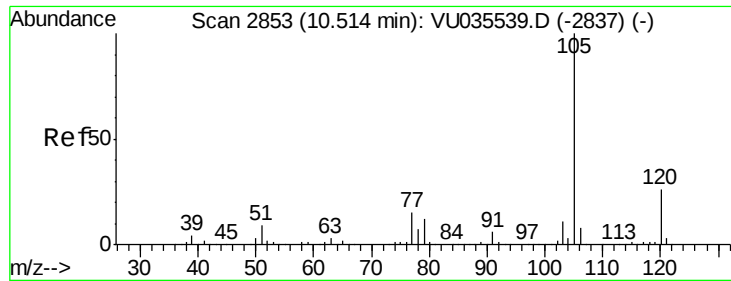
Acq: 30 Oct 2019 11:55

Tgt Ion:	152	Resp:	31156
Ion Ratio	Lower	Upper	
152	100		
115	128.0	0.0	250.6
150	320.2	0.0	656.8



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





#69

Isopropylbenzene

Concen: 10.942 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 105 Resp: 1053200

Ion Ratio Lower Upper

105 100

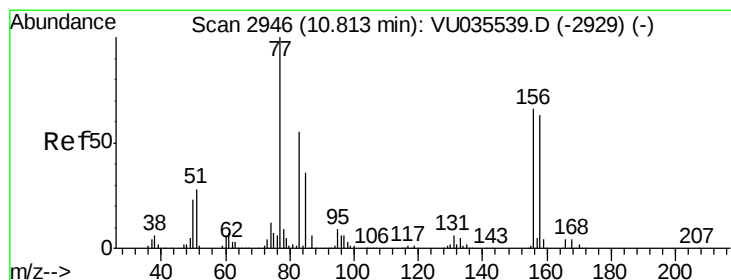
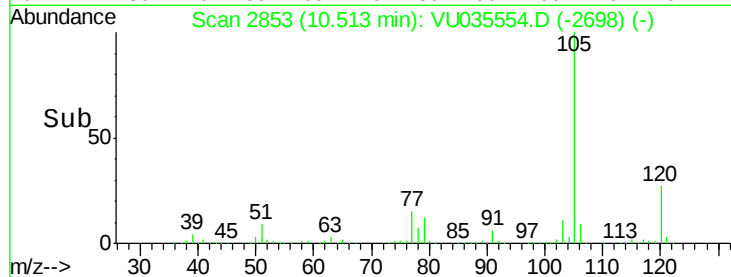
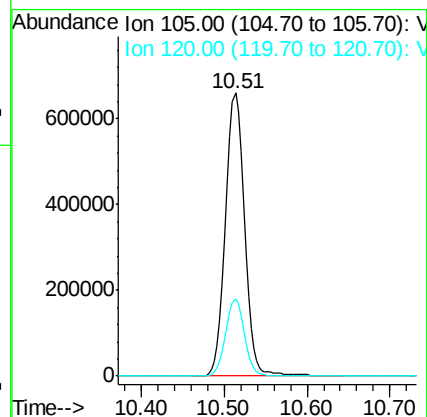
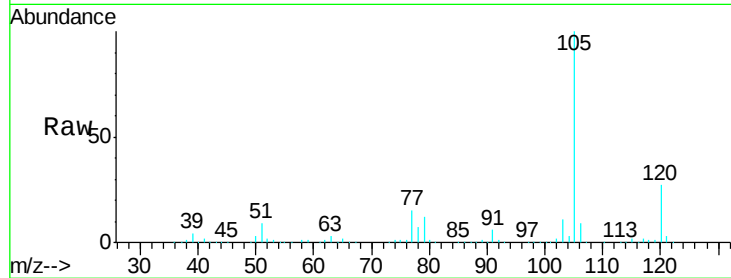
120 27.0 13.2 39.5

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.767 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

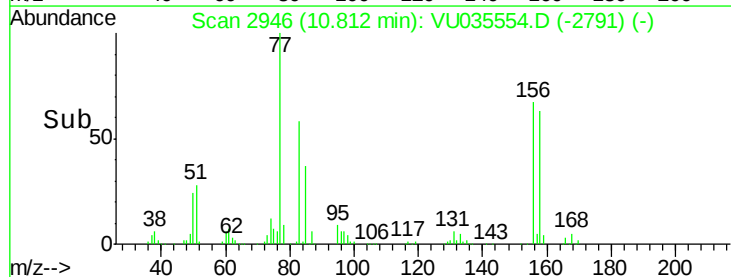
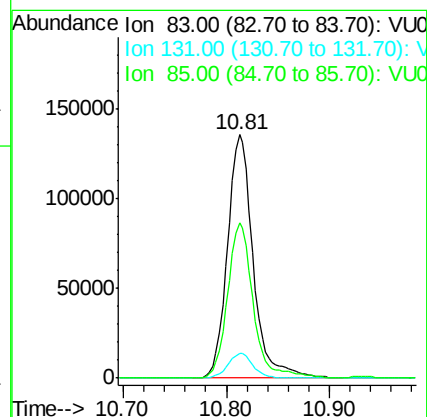
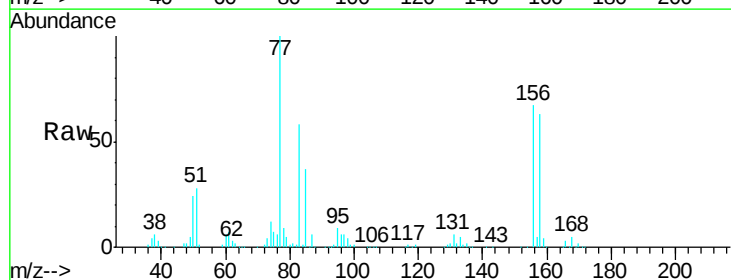
Tgt Ion: 83 Resp: 234889

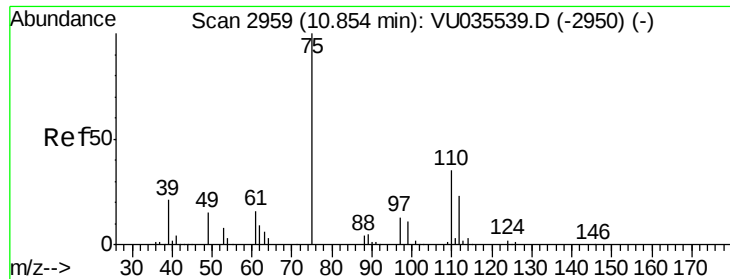
Ion Ratio Lower Upper

83 100

131 10.0 0.0 0.0#

85 64.0 33.5 50.3#





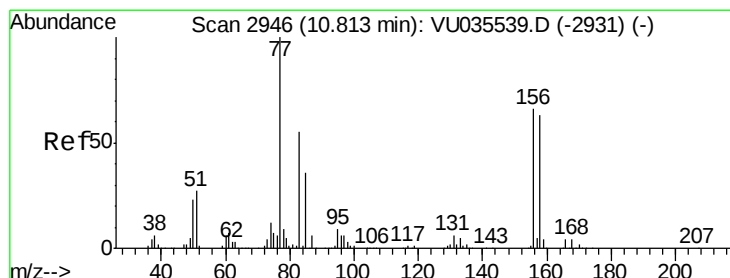
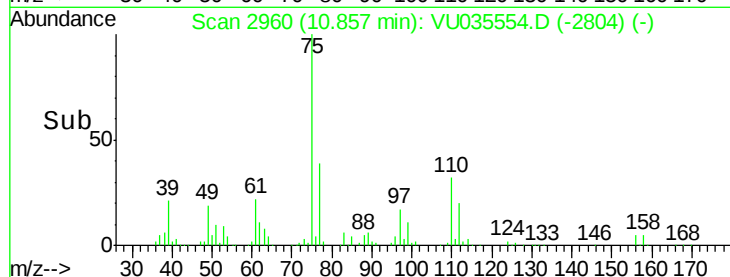
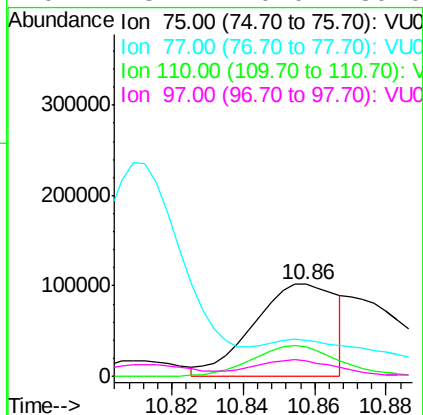
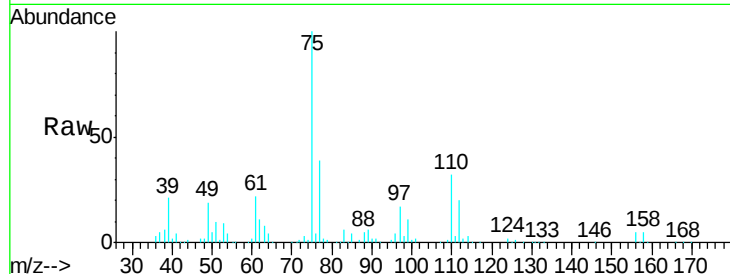
#71
1,2,3-Trichloropropane
Concen: 9.222 ug/l m
RT: 10.86 min Scan# 2960
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	0.0	68.6
110	36.0	0.0	77.2
97	18.7	0.0	39.0

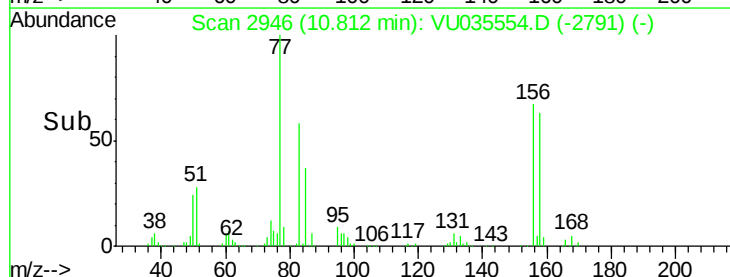
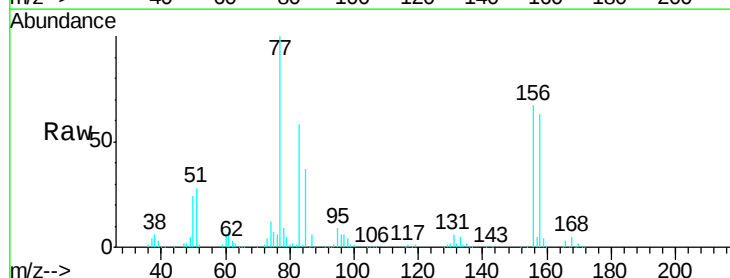
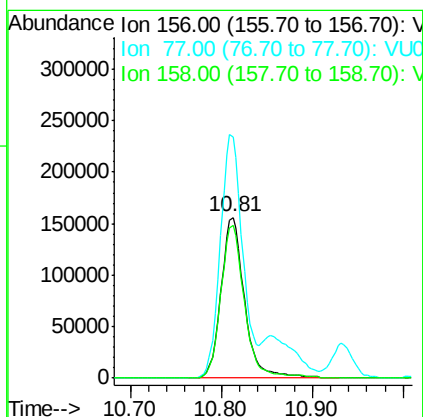
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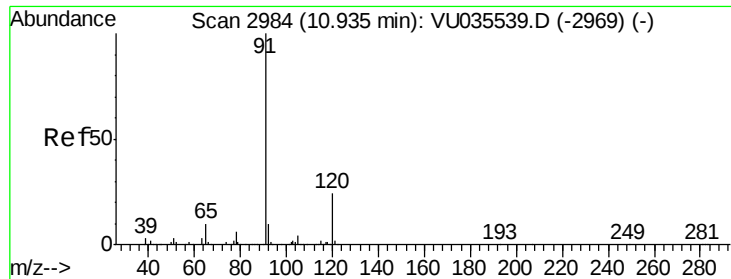
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#72
Bromobenzene
Concen: 10.430 ug/l
RT: 10.81 min Scan# 2946
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
156	100		
77	145.4	0.0	300.4
158	96.1	0.0	194.4





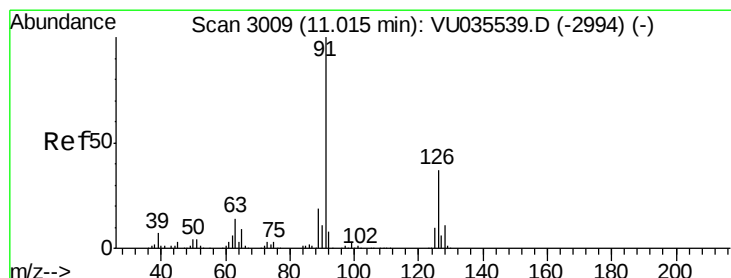
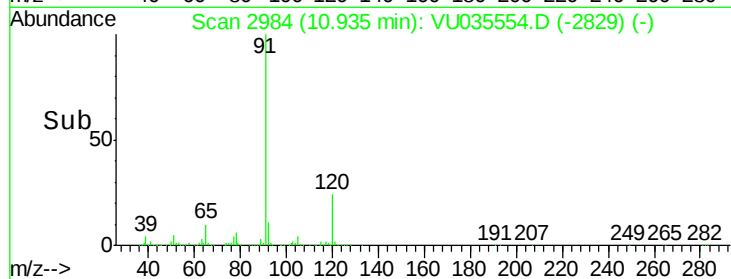
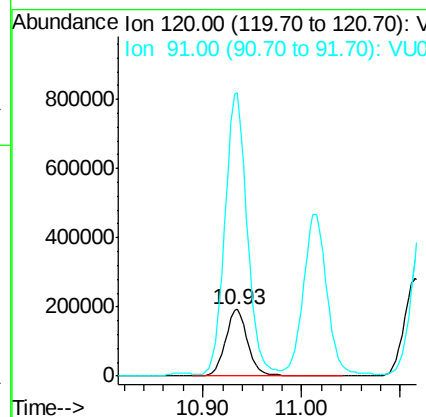
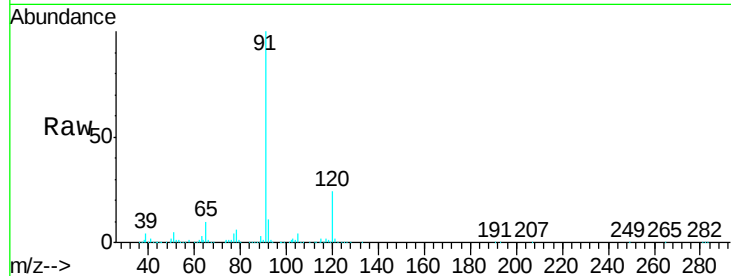
#73
n-propylbenzene
Concen: 11.489 ug/l
RT: 10.93 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 308826
Ion Ratio Lower Upper
120 100
91 416.9 340.6 510.8

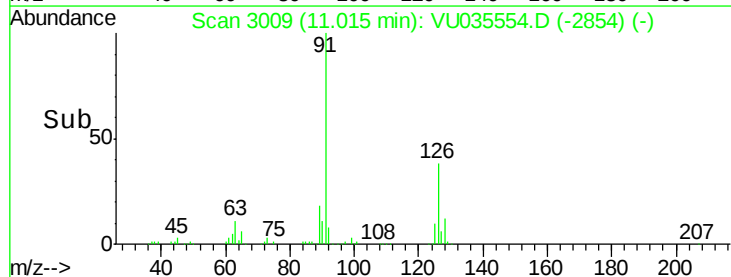
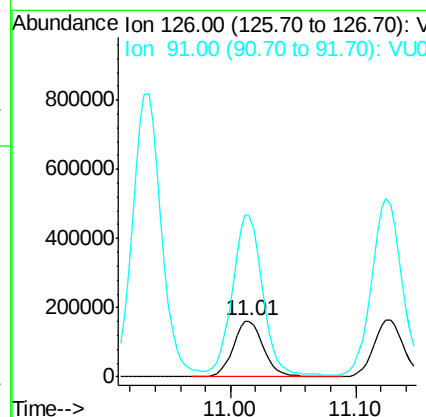
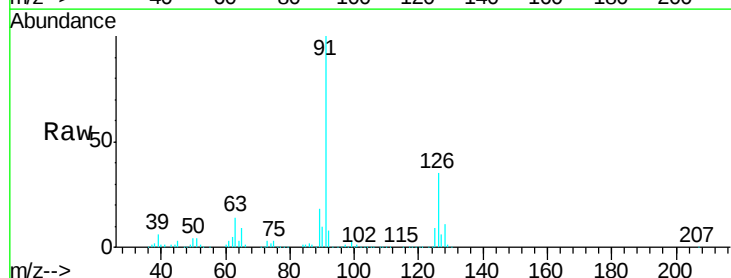
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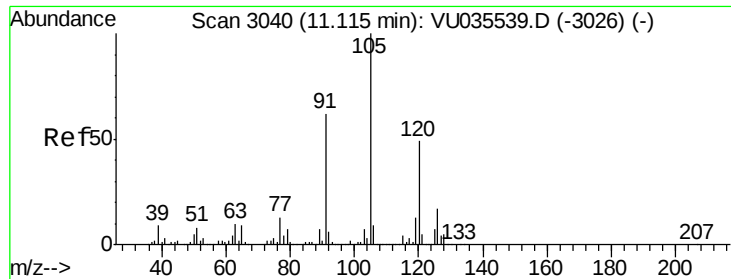
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#74
2-Chlorotoluene
Concen: 10.793 ug/l
RT: 11.01 min Scan# 3009
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion:126 Resp: 272036
Ion Ratio Lower Upper
126 100
91 287.9 0.0 574.2





#75

1,3,5-Trimethylbenzene

Concen: 11.382 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 902685

Ion Ratio Lower Upper

105 100

120 49.5

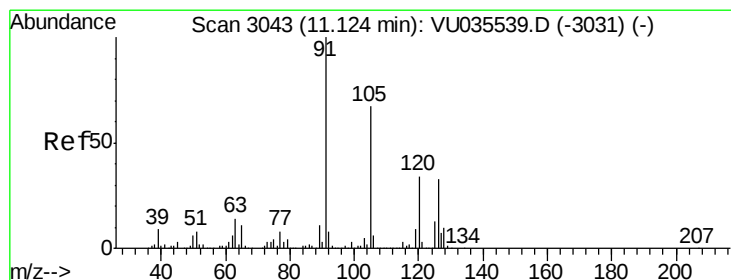
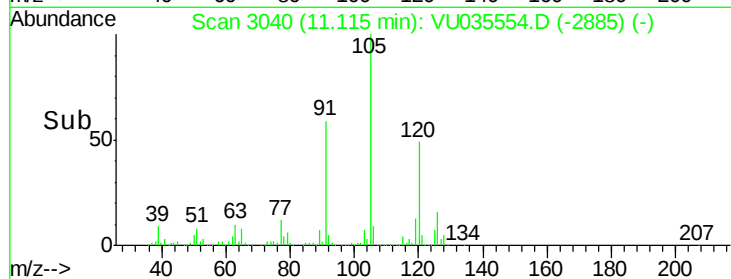
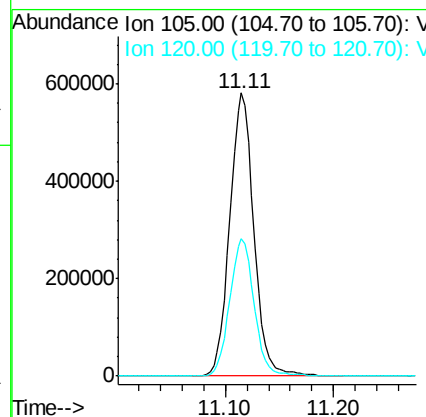
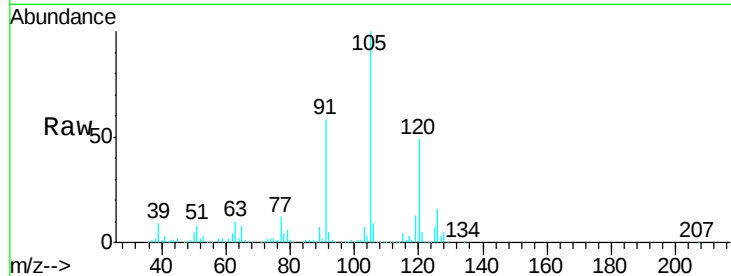
39.4 59.2

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#76

4-Chlorotoluene

Concen: 11.066 ug/l

RT: 11.12 min Scan# 3043

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

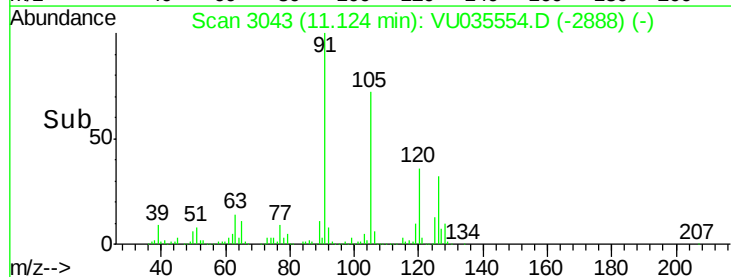
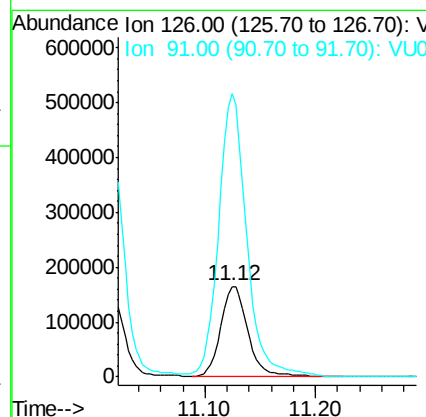
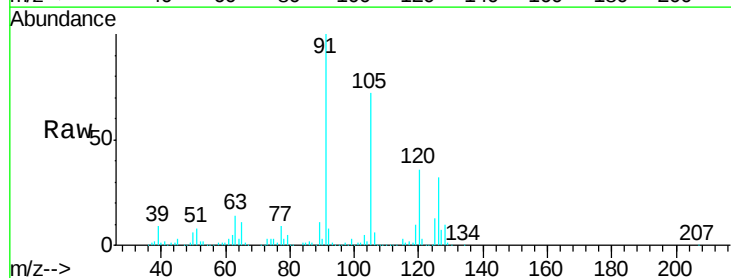
Tgt Ion:126 Resp: 283255

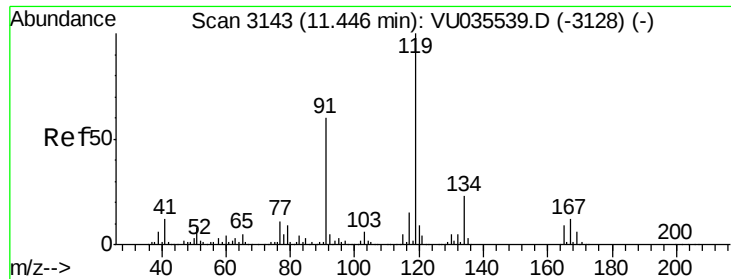
Ion Ratio Lower Upper

126 100

91 321.7

0.0 637.0





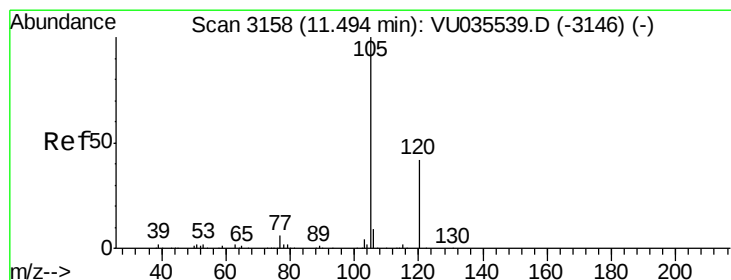
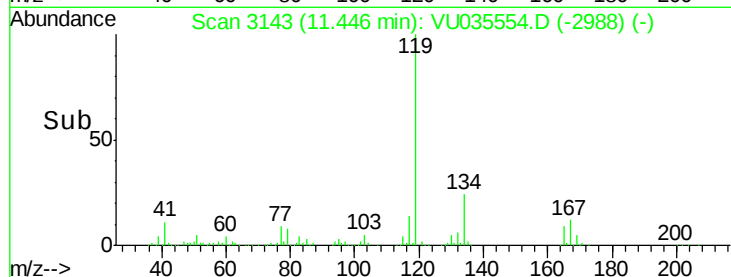
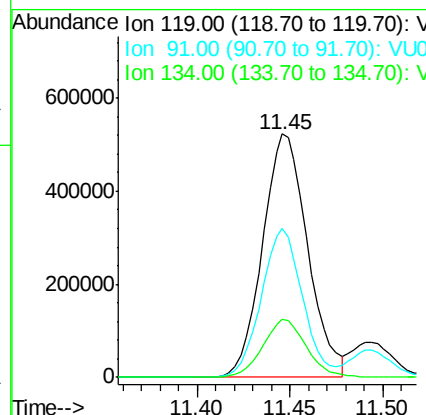
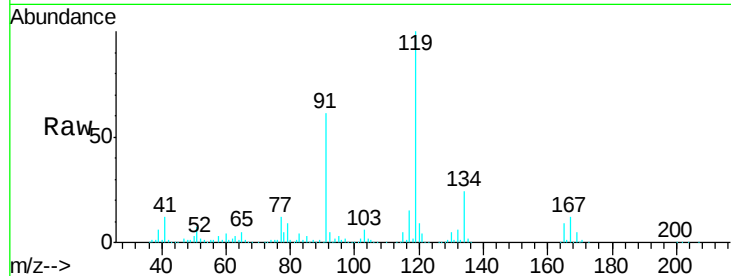
#77
 tert-Butylbenzene
 Concen: 10.914 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	887713		
91	56.0	27.9	83.7	
134	22.9	18.3	27.5	

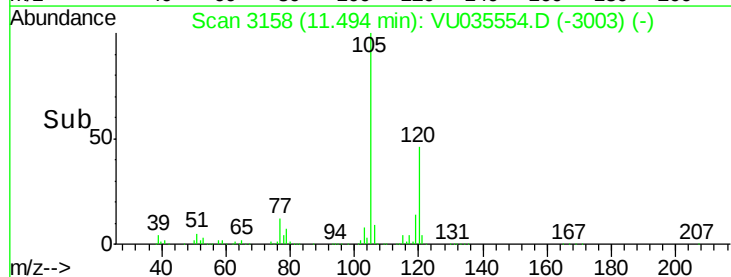
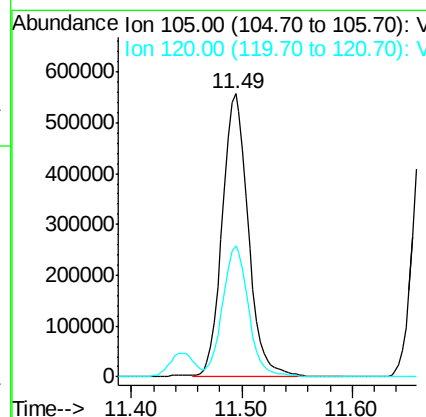
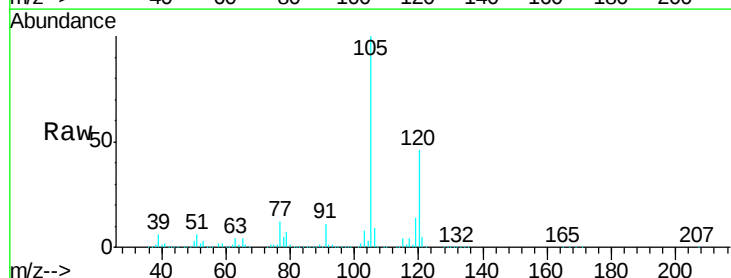
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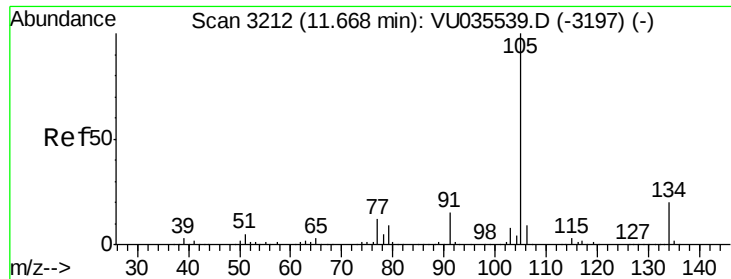
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#78
 1,2,4-Trimethylbenzene
 Concen: 11.346 ug/l
 RT: 11.49 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	910659		
120	46.1	23.2	69.5	





#79

sec-Butylbenzene

Concen: 11.056 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 105 Resp: 1150373

Ion Ratio Lower Upper

105 100

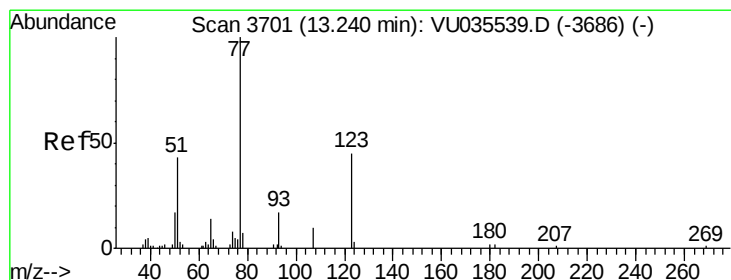
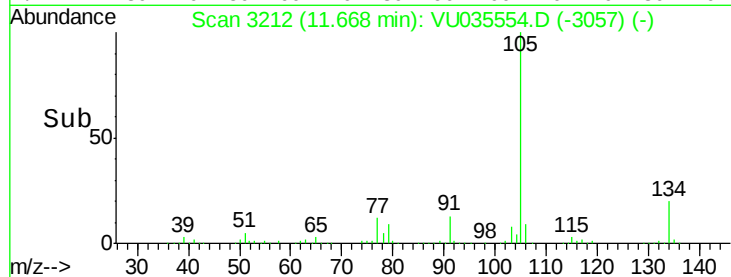
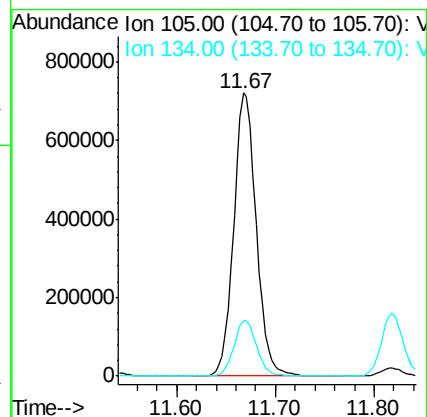
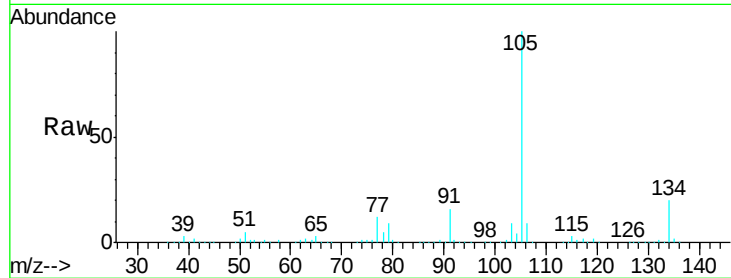
134 19.9 15.9 23.9

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#80

Nitrobenzene

Concen: 25.969 ug/l

RT: 13.24 min Scan# 3701

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

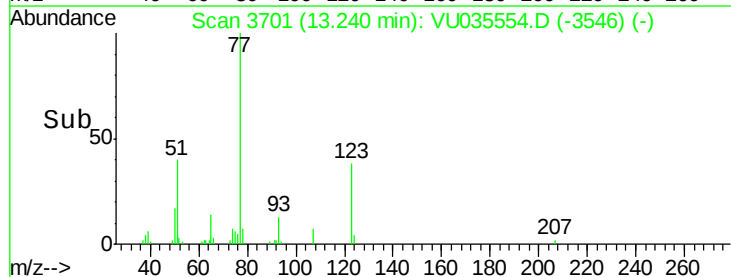
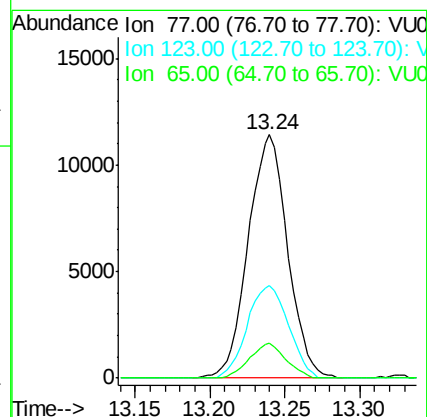
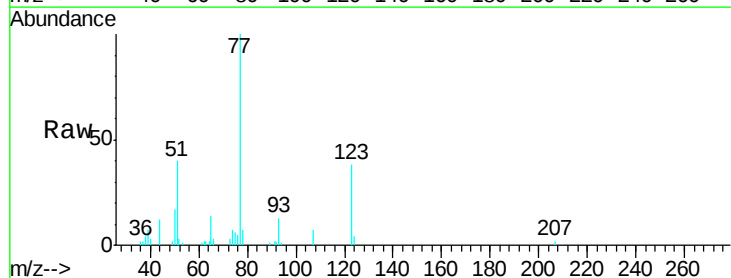
Tgt Ion: 77 Resp: 20928

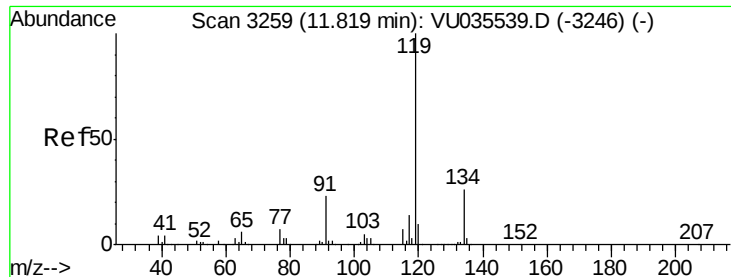
Ion Ratio Lower Upper

77 100

123 39.5 18.9 67.1

65 13.2 11.2 14.2





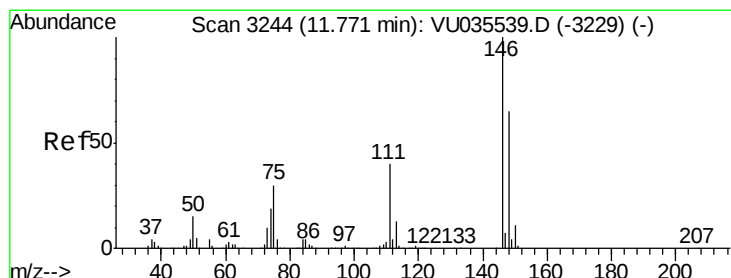
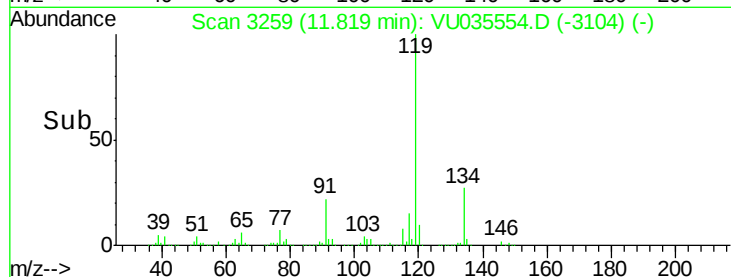
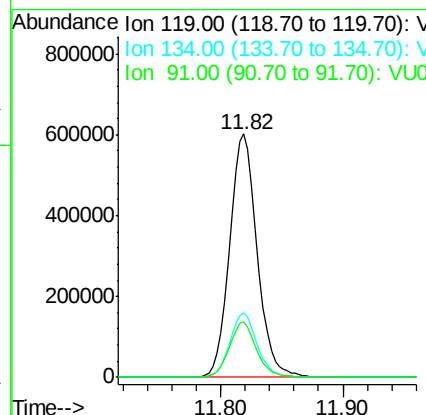
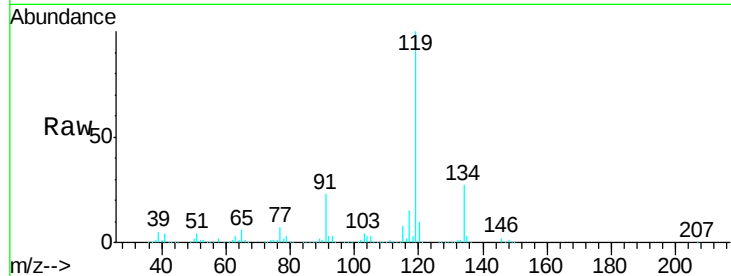
#81
p-Isopropyltoluene
Concen: 11.394 ug/l
RT: 11.82 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	17.0	25.4#
91	22.5	41.3	61.9#

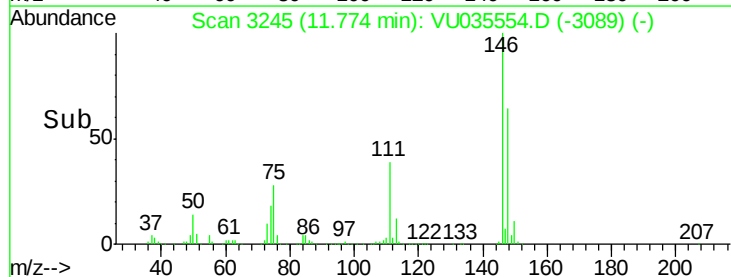
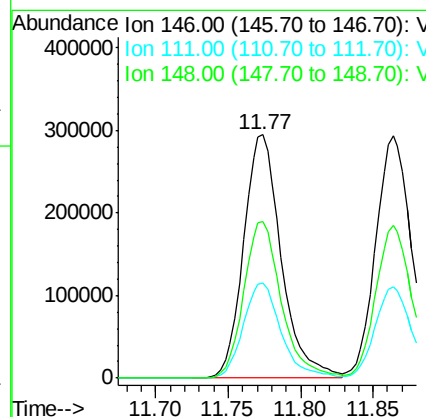
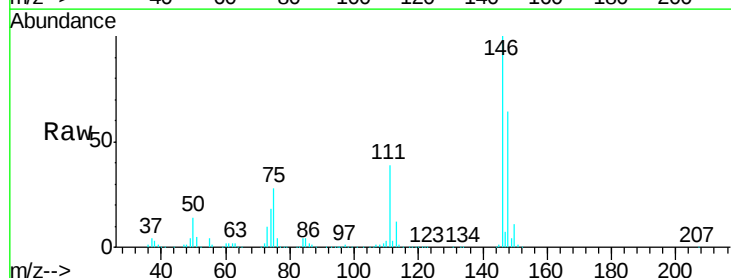
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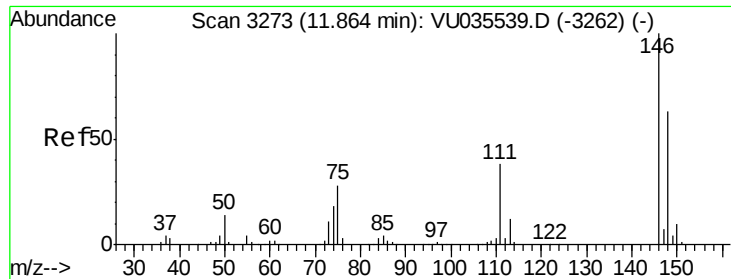
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#82
1,3-Dichlorobenzene
Concen: 10.446 ug/l
RT: 11.77 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.8	47.6
148	64.2	50.9	76.3





#83

1,4-Dichlorobenzene

Concen: 10.856 ug/l

RT: 11.86 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

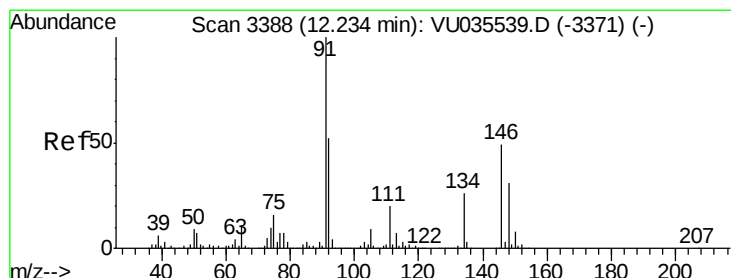
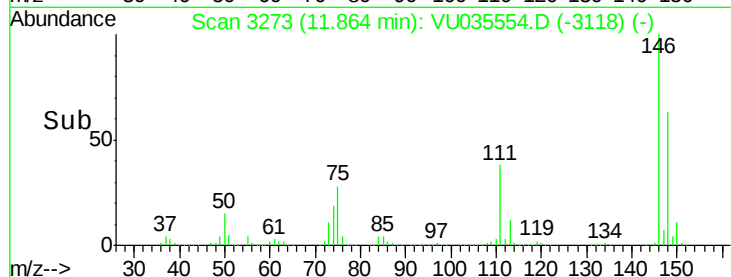
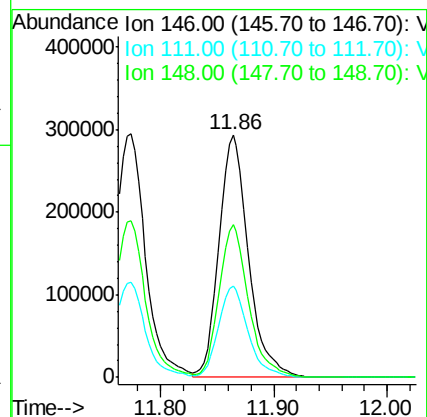
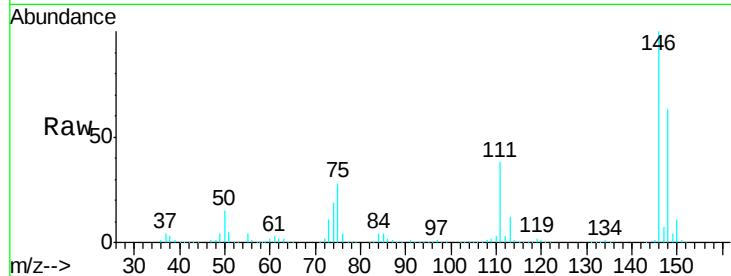
ClientSampleId :

VSTDCCC010EC

Tgt Ion:	146	Resp:	531758
Ion Ratio	Lower	Upper	
146	100		
111	37.9	30.1	45.1
148	63.0	51.0	76.4

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#84

n-Butylbenzene

Concen: 11.416 ug/l

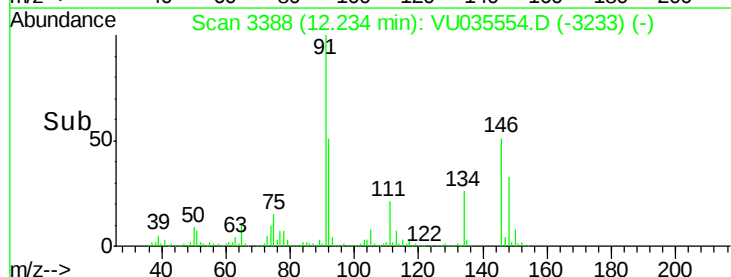
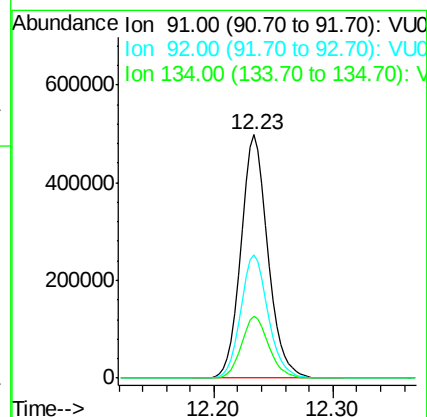
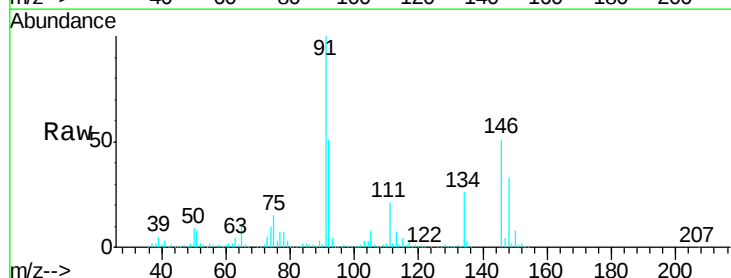
RT: 12.23 min Scan# 3388

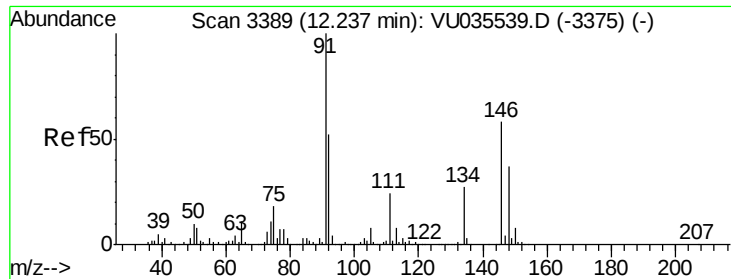
Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Tgt Ion:	91	Resp:	780038
Ion Ratio	Lower	Upper	
91	100		
92	51.3	41.4	62.0
134	25.7	20.6	30.8





#85

1,2-Dichlorobenzene

Concen: 10.381 ug/l

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Instrument :

MSVOA_U

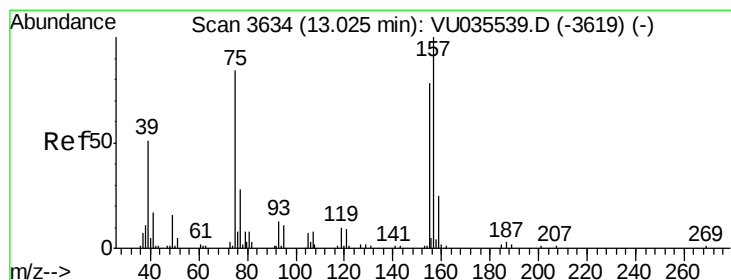
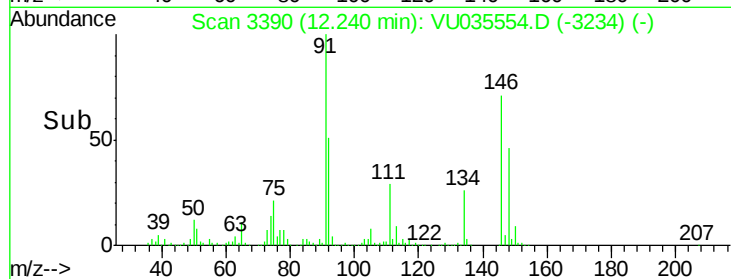
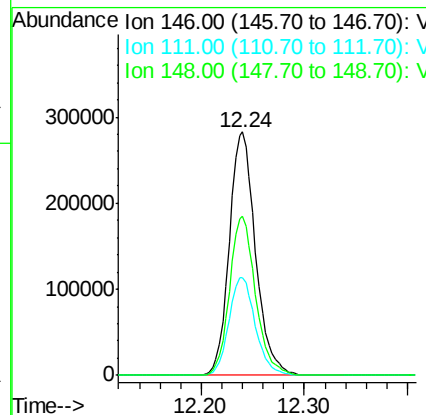
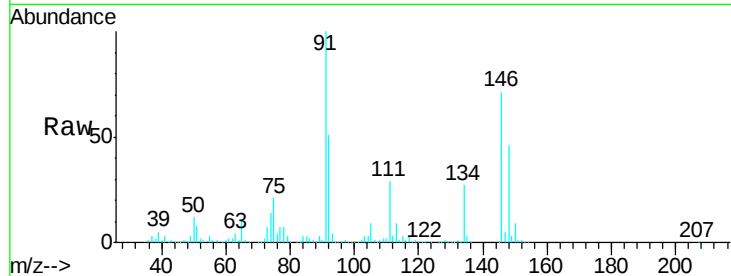
ClientSampleId :

VSTDCCC010EC

Tgt Ion:	146	Resp:	499306
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.5	61.5
148	64.8	32.0	96.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 10.459 ug/l

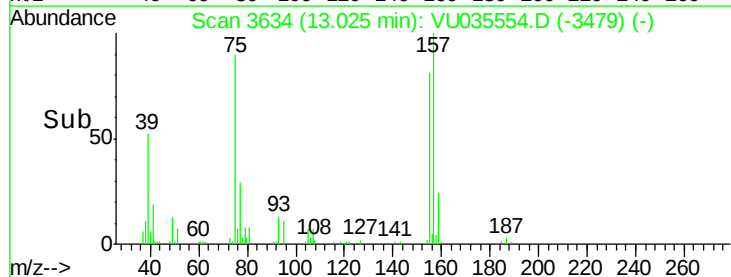
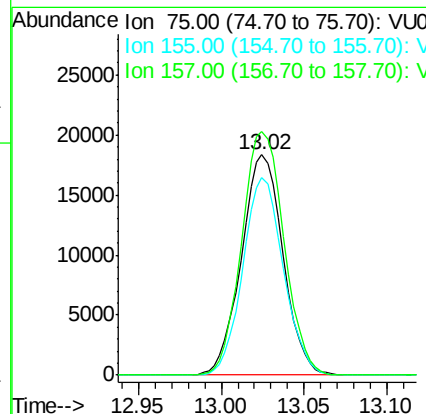
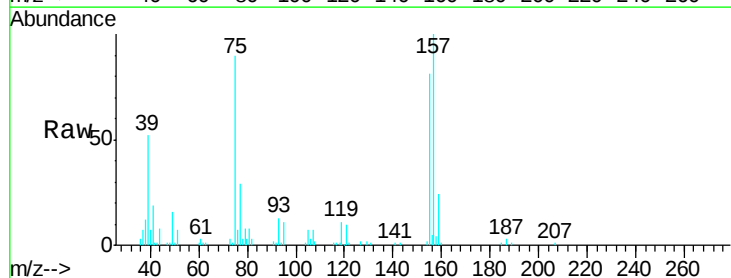
RT: 13.02 min Scan# 3634

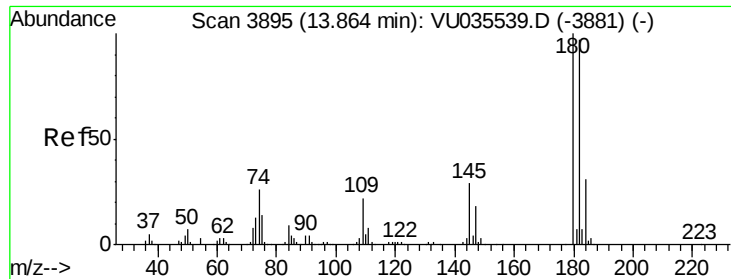
Delta R.T. -0.00 min

Lab File: VU035554.D

Acq: 30 Oct 2019 11:55

Tgt Ion:	75	Resp:	32032
Ion Ratio	Lower	Upper	
75	100		
155	87.3	71.3	106.9
157	112.5	91.2	136.8





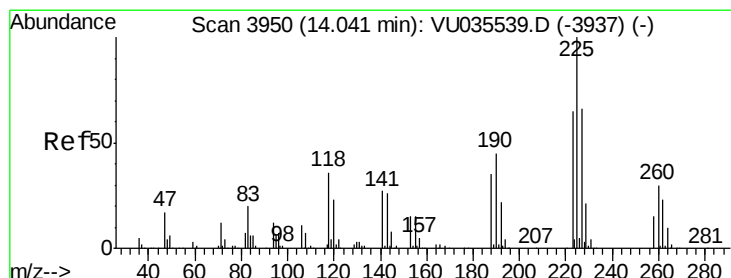
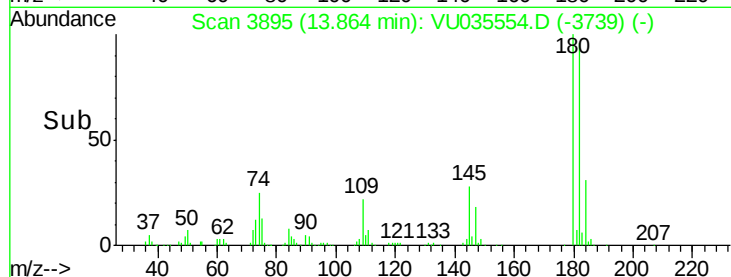
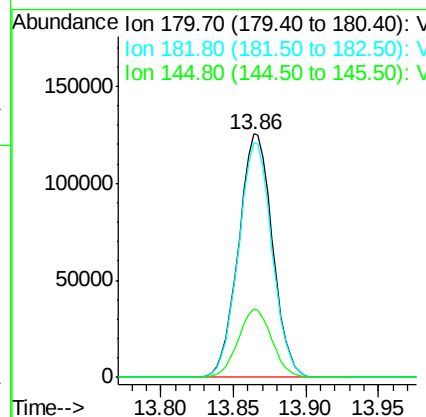
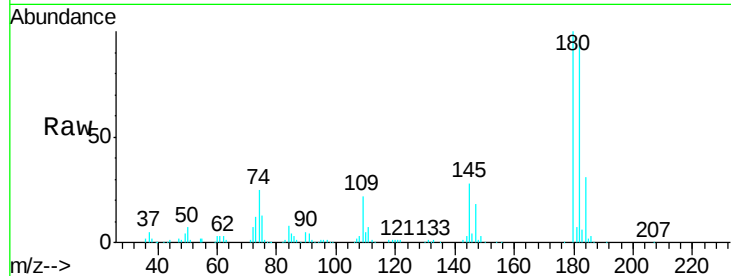
#87
 1,2,4-Trichlorobenzene
 Concen: 9.225 ug/l
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203575		
182	95.6	77.4	116.0	
145	28.0	22.6	33.8	

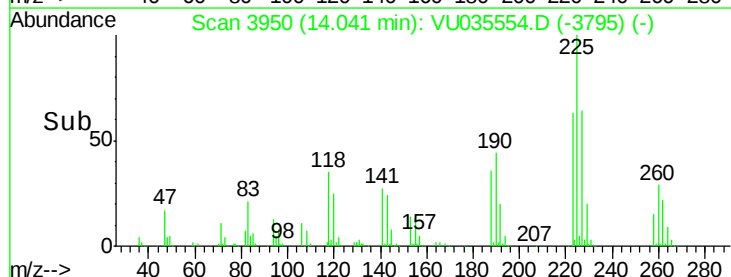
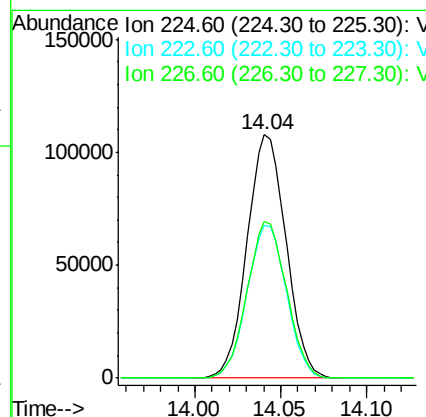
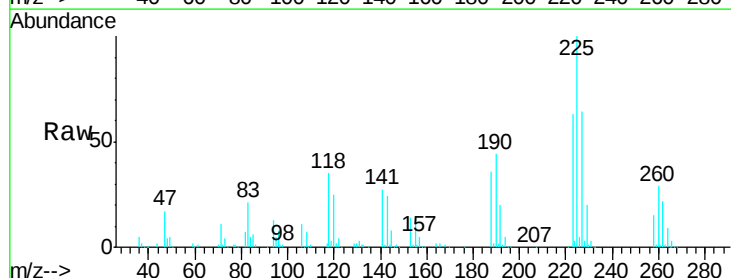
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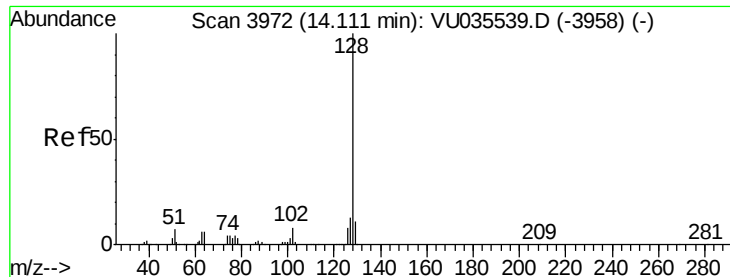
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#88
 Hexachlorobutadiene
 Concen: 9.469 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035554.D
 Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169637		
223	63.3	50.7	76.1	
227	64.9	52.2	78.4	





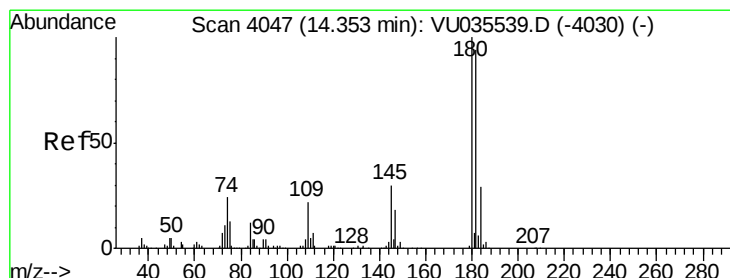
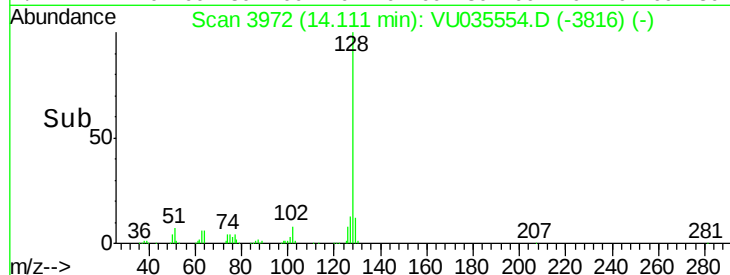
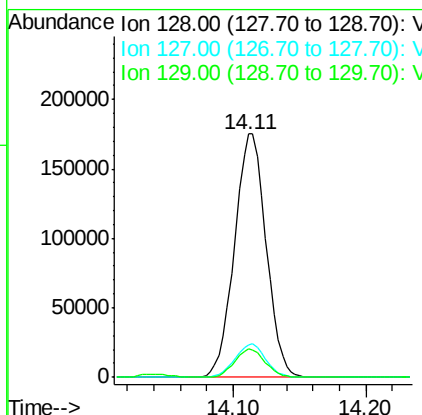
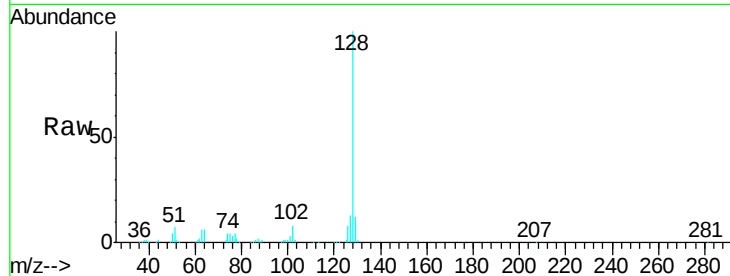
#89
Naphthalene
Concen: 8.907 ug/l
RT: 14.11 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	290019		
127	13.4	10.3	15.5	
129	11.1	8.6	13.0	

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#90
1,2,3-Trichlorobenzene
Concen: 9.476 ug/l
RT: 14.35 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VU035554.D
Acq: 30 Oct 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205501		
182	94.5	75.8	113.8	
145	29.3	23.7	35.5	

