

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0112618\
 Data File : VU028328.D
 Acq On : 26 Nov 2018 10:13
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 2:33:32 PM

Quant Time: Nov 27 00:53:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 00:37:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	48928	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	17930	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15861	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	17146	0.974	ug/l	97
3) Chloromethane	1.32	50	28683	0.957	ug/l	98
4) Vinyl Chloride	1.40	62	20397	0.995	ug/l	95
5) Bromomethane	1.63	94	9399	1.164	ug/l	96
6) Chloroethane	1.70	64	12124	1.013	ug/l	98
7) Trichlorofluoromethane	1.89	101	21781	0.973	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12956	1.006	ug/l	95
9) 1,1-Dichloroethene	2.29	96	11900	0.999	ug/l	97
10) Iodomethane	2.41	142	7216	0.896	ug/l	98
11) Allyl Chloride	2.59	41	30098	1.001	ug/l	96
12) Acrylonitrile	2.94	53	8466	2.231	ug/l	86
13) Acetone	2.33	43	18690	5.315	ug/l	93
14) Carbon Disulfide	2.48	76	45179	0.998	ug/l	99
15) Methylene Chloride	2.70	84	14262	0.982	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	13908	1.043	ug/l	97
17) 1,1-Dichloroethane	3.44	63	29640	0.997	ug/l	99
18) 2-Butanone	4.29	43	24579	4.678	ug/l	96
19) Cyclohexane	4.99	56	25237	0.978	ug/l	97
20) Methylcyclohexane	6.41	83	24192	0.958	ug/l	99
21) 2,2-Dichloropropane	4.22	77	24162	1.013	ug/l #	76
22) cis-1,2-Dichloroethene	4.22	96	14972	0.960	ug/l	96
23) Diethyl Ether	2.11	59	12306	1.030	ug/l	99
24) tert-Butyl Alcohol	2.85	59	12624	10.929	ug/l #	79
25) Methyl tert-Butyl Ether	3.01	73	35088	0.992	ug/l	95
26) Bromochloromethane	4.55	128	5983	1.006	ug/l	91
27) Chloroform	4.67	83	29394	1.026	ug/l	96
28) 1,1,1-Trichloroethane	4.92	97	23025	1.029	ug/l	95
29) 1,1-Dichloropropene	5.13	75	20923	0.974	ug/l	98
30) Carbon Tetrachloride	5.13	117	18437	1.020	ug/l	95
31) Isopropyl Ether	3.58	45	54451	1.023	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	43094	0.983	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	35096	0.965	ug/l	99
34) Propionitrile	4.35	54	7459	5.651	ug/l #	90
35) Benzene	5.39	78	62486	0.989	ug/l	98
36) 1,2-Dichloroethane	5.41	62	18948	1.002	ug/l	99
37) Trichloroethene	6.19	130	13455	0.977	ug/l	100
38) 1,2-Dichloropropane	6.43	63	17808	0.988	ug/l	93
39) Methacrylonitrile	4.55	41	7366	1.042	ug/l	97
40) Methyl acrylate	4.43	55	9285	0.955	ug/l #	92
41) Tetrahydrofuran	4.66	42	7337	2.064	ug/l	94
42) 1-Chlorobutane	5.06	56	33844	0.992	ug/l	97

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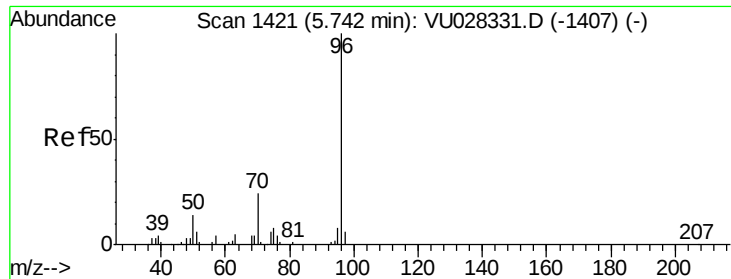
Manual Integrations
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Quant Time: Nov 27 00:53:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	7731	1.007	ug/l	99
44) Bromodichloromethane	6.76	83	20801	1.027	ug/l	91
45) 4-Methyl-2-Pentanone	7.47	43	58817	4.772	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	7789m	1.762	ug/l	
47) Methyl methacrylate	6.63	69	14849	1.896	ug/l	92
48) Ethyl methacrylate	8.02	69	15030	0.959	ug/l	98
49) Toluene	7.64	92	32586	0.928	ug/l	93
50) t-1,3-Dichloropropene	7.88	75	18773	0.965	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	23484	0.977	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	10967	1.018	ug/l	89
53) 1,3-Dichloropropane	8.24	76	19793	0.984	ug/l	97
54) 2-Hexanone	8.37	43	41432	4.673	ug/l	98
55) Dibromochloromethane	8.48	129	11103	0.969	ug/l	93
56) 1,2-Dibromoethane	8.59	107	9749	0.993	ug/l	97
58) Tetrachloroethene	8.22	164	12722	1.009	ug/l	96
59) Chlorobenzene	9.12	112	35666	0.976	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	12206	0.986	ug/l	95
61) Pentachloroethane	11.10	117	9326	0.968	ug/l	96
62) Hexachloroethane	12.14	117	8439	0.935	ug/l	96
63) Ethyl Benzene	9.25	91	63530	0.943	ug/l	98
64) m/p-Xylenes	9.37	106	45316	1.858	ug/l	99
65) o-Xylene	9.78	106	22107	0.939	ug/l	95
66) Styrene	9.79	104	36680	0.908	ug/l	98
67) Bromoform	9.96	173	6065	0.944	ug/l	97
69) Isopropylbenzene	10.17	105	59074	0.937	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	14374	0.995	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	10096m	1.014	ug/l	
72) Bromobenzene	10.45	156	13094	0.936	ug/l	93
73) n-propylbenzene	10.58	120	14845	0.908	ug/l	96
74) 2-Chlorotoluene	10.66	126	13459	0.940	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	47976	0.904	ug/l	97
76) 4-Chlorotoluene	10.77	126	12713	0.875	ug/l	91
77) tert-Butylbenzene	11.10	119	45243	0.906	ug/l	96
78) 1,2,4-Trimethylbenzene	11.15	105	50466	0.928	ug/l	99
79) sec-Butylbenzene	11.32	105	64452	0.926	ug/l	100
80) Nitrobenzene	12.86	77	2965	4.554	ug/l #	89
81) p-Isopropyltoluene	11.47	119	49448	0.894	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	27133	0.968	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	25904	0.929	ug/l	98
84) n-Butylbenzene	11.89	91	51265	0.883	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	25720	0.964	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2400	1.032	ug/l	87
87) 1,2,4-Trichlorobenzene	13.50	180	16130	0.860	ug/l	94
88) Hexachlorobutadiene	13.69	225	9770	0.963	ug/l	95
89) Naphthalene	13.74	128	32455	0.876	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	15926	0.901	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

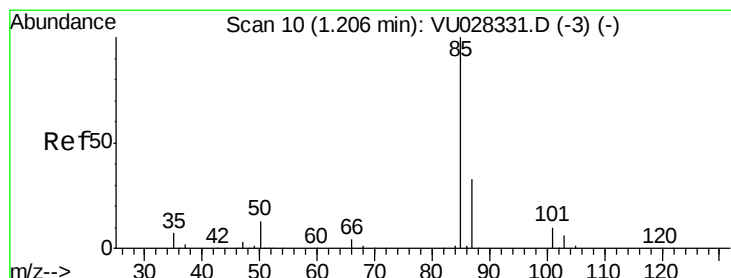
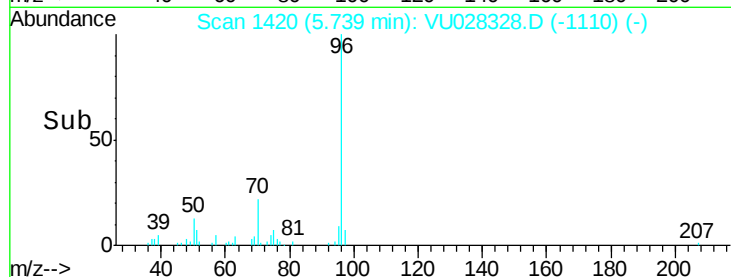
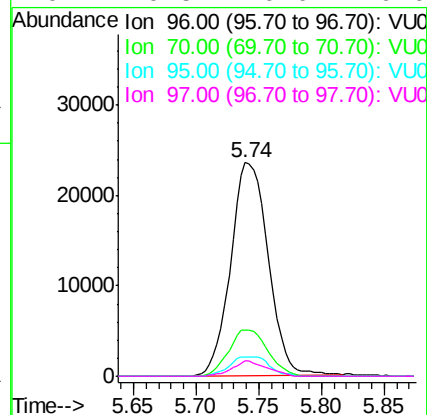
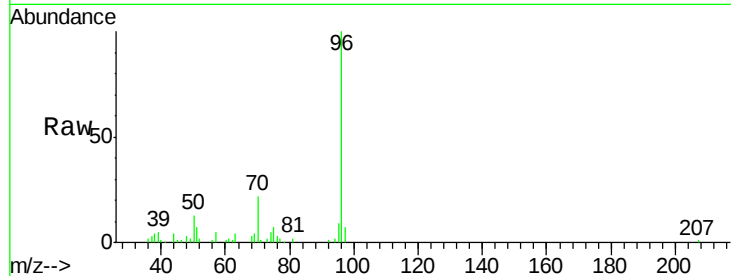
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	48928
Ion	Ratio	Lower	Upper
96	100		
70	22.7	17.8	26.8
95	9.7	7.6	11.4
97	6.5	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 0.974 ug/l

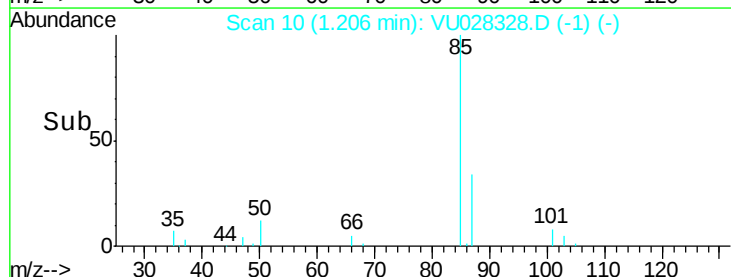
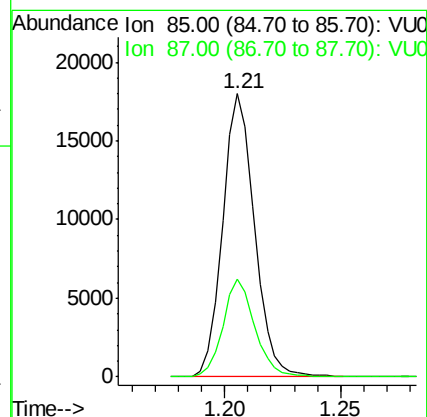
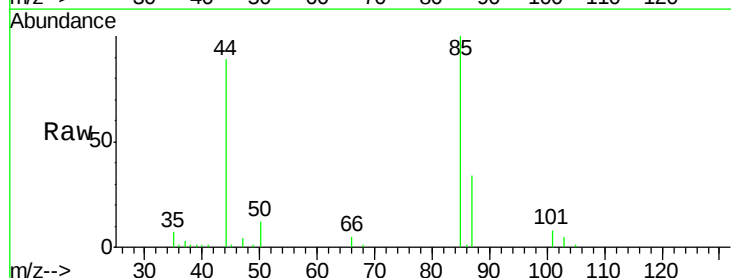
RT: 1.21 min Scan# 10

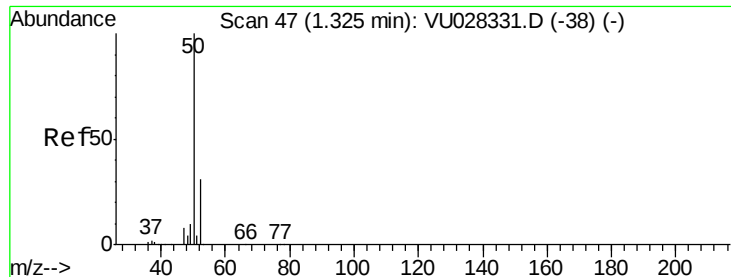
Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Tgt Ion:	85	Resp:	17146
Ion	Ratio	Lower	Upper
85	100		
87	34.4	16.3	48.8





#3

Chloromethane

Concen: 0.957 ug/l

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 50 Resp: 28683

Ion Ratio Lower Upper

50 100

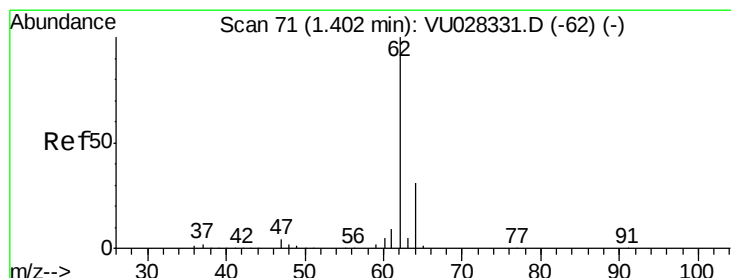
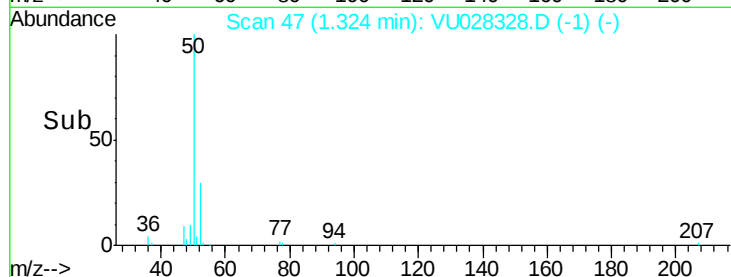
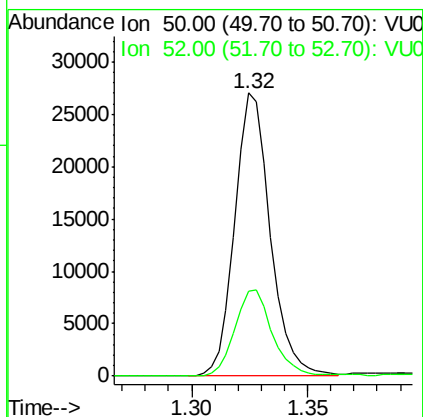
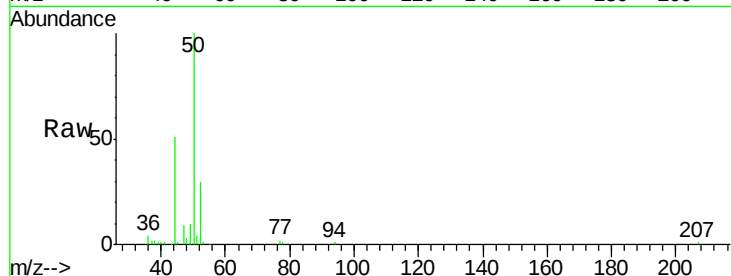
52 30.1 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.995 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028328.D

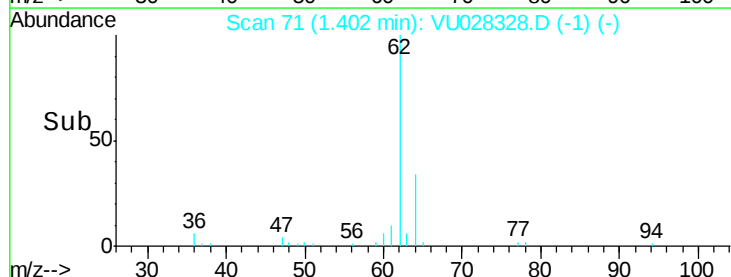
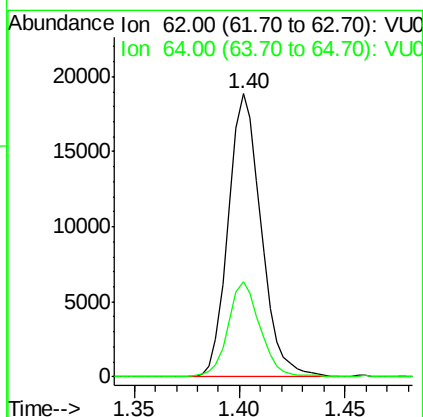
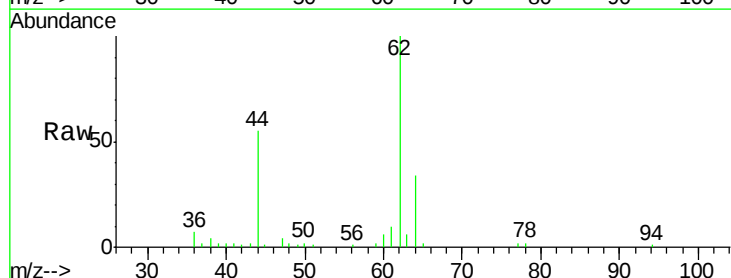
Acq: 26 Nov 2018 10:13

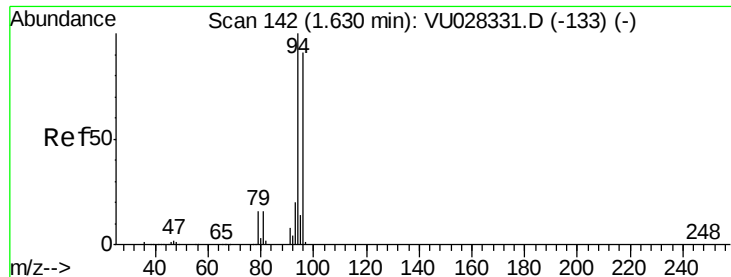
Tgt Ion: 62 Resp: 20397

Ion Ratio Lower Upper

62 100

64 33.7 24.7 37.1





#5

Bromomethane

Concen: 1.164 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 94 Resp: 9399

Ion Ratio Lower Upper

94 100

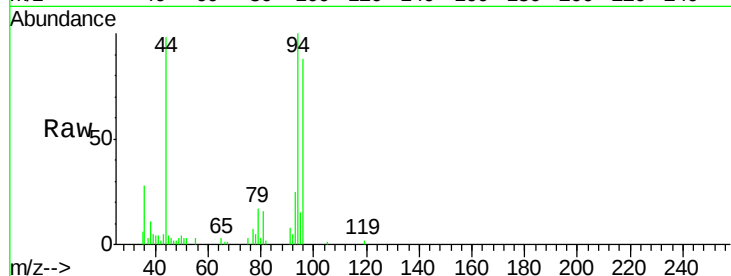
96 87.7 73.1 109.7

Manual Integrations

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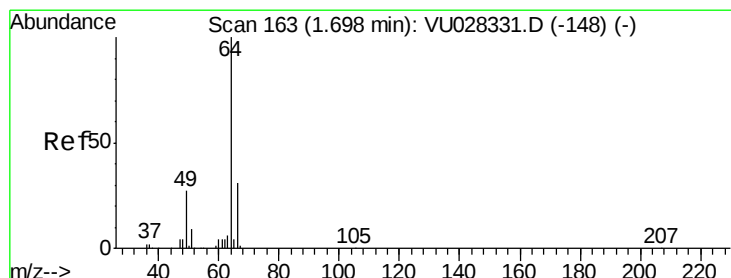
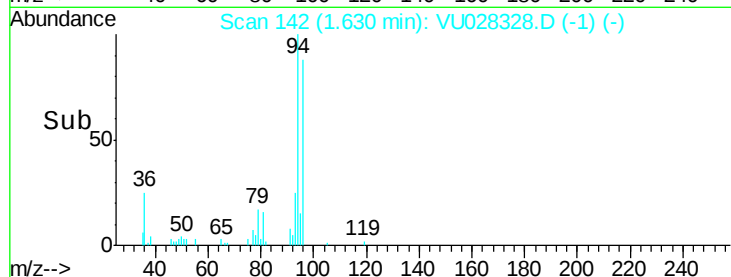
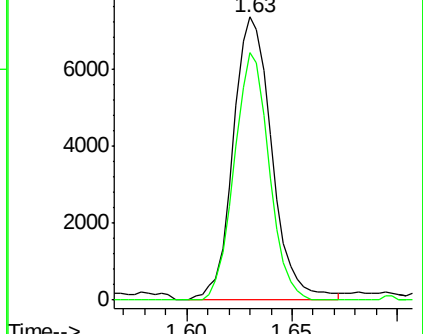
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.013 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028328.D

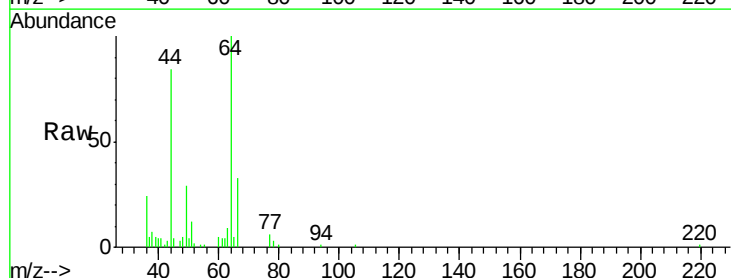
Acq: 26 Nov 2018 10:13

Tgt Ion: 64 Resp: 12124

Ion Ratio Lower Upper

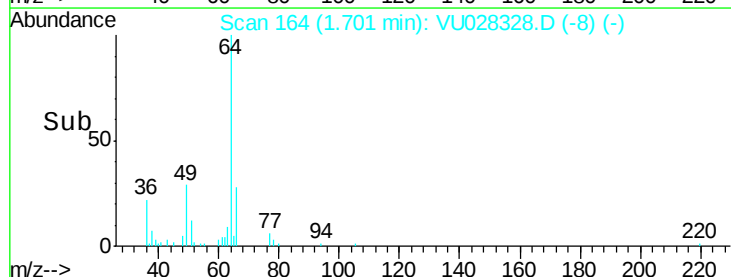
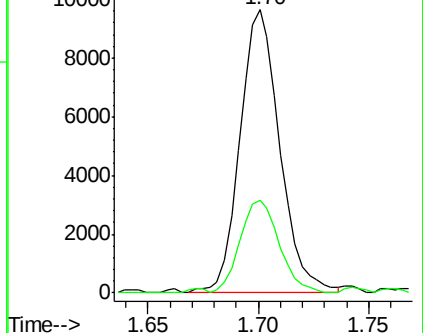
64 100

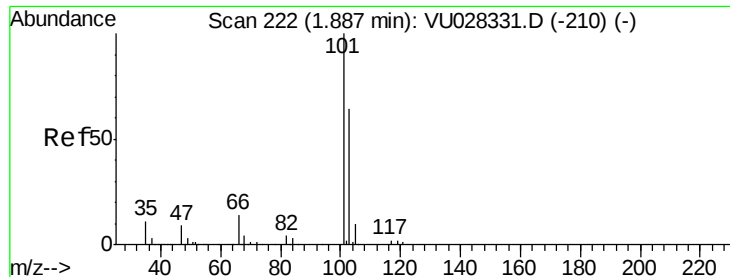
66 32.8 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

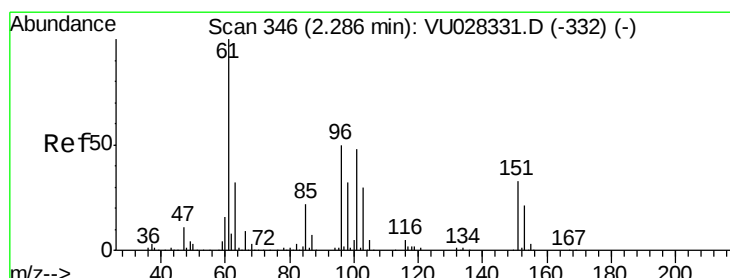
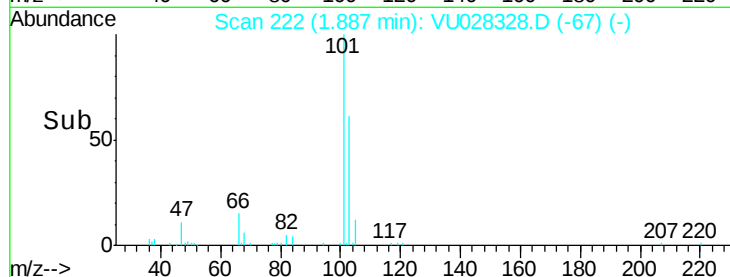
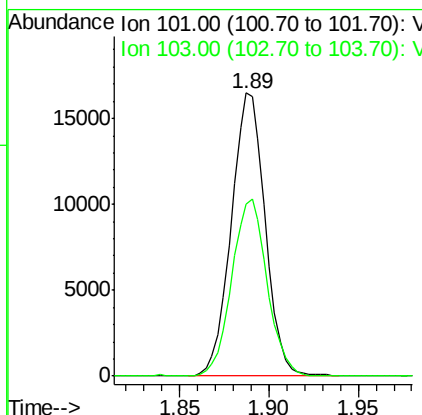
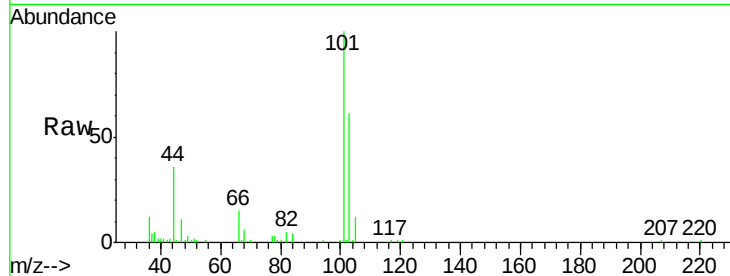
Trichlorofluoromethane
Concen: 0.973 ug/l
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

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VSTDIC001

Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.7	51.4	77.0

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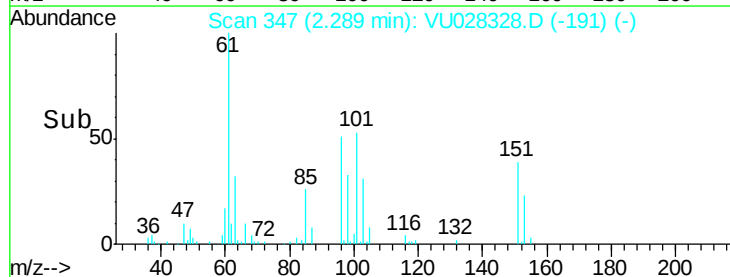
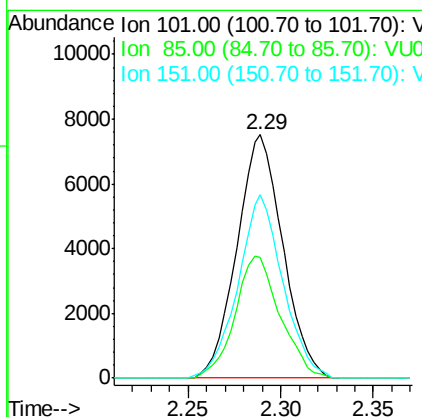
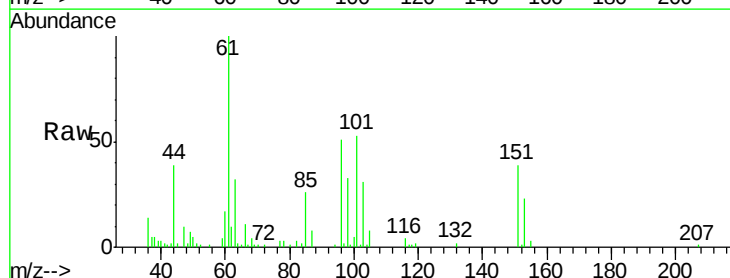
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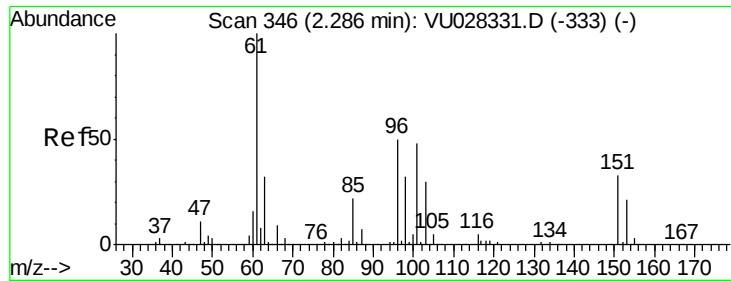


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.006 ug/l
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
101	100		
85	49.1	36.7	55.1
151	73.2	55.8	83.6





#9

1,1-Dichloroethene

Concen: 0.999 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

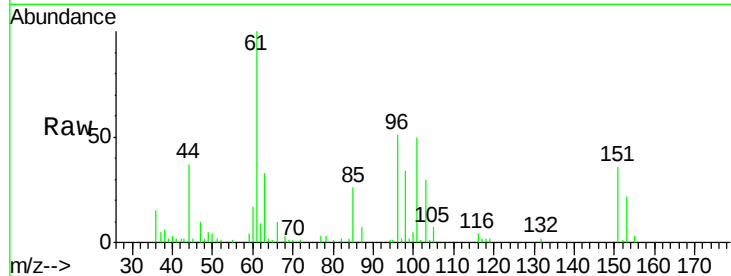
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	11900
Ion Ratio	Lower	Upper	
96	100		
61	194.3	0.0	597.6
98	66.9	0.0	127.6

Manual Integrations
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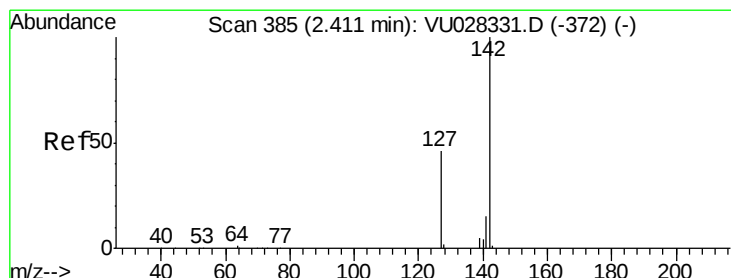
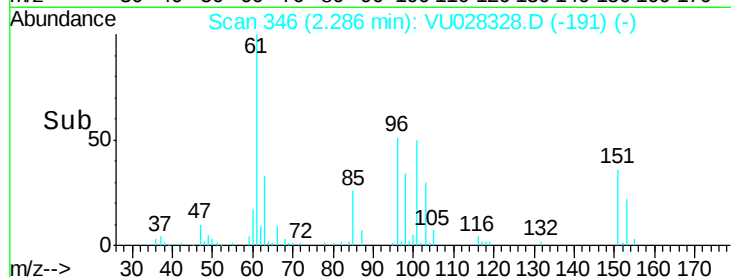
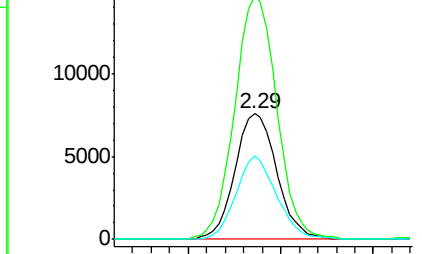
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Abundance Ion 96.00 (95.70 to 96.70): VU028331.D (-333) (-)

Ion 61.00 (60.70 to 61.70): VU028331.D (-333) (-)

Ion 98.00 (97.70 to 98.70): VU028331.D (-333) (-)



#10

Iodomethane

Concen: 0.896 ug/l

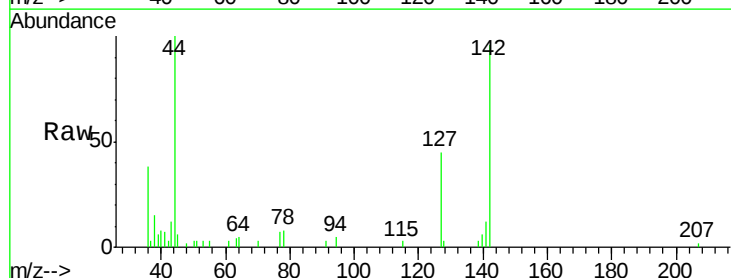
RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU028328.D

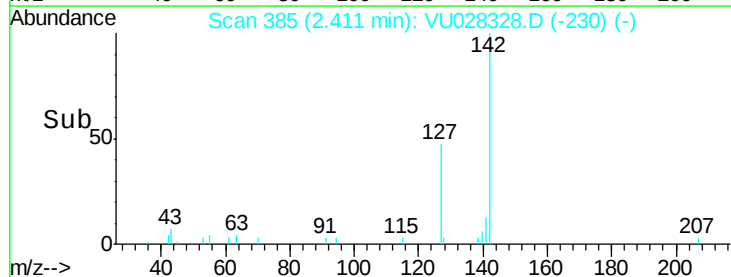
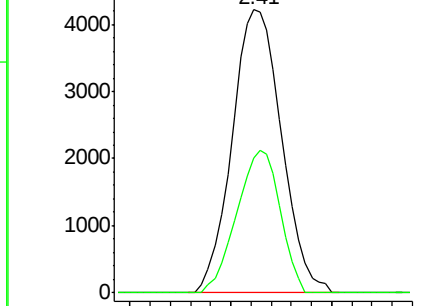
Acq: 26 Nov 2018 10:13

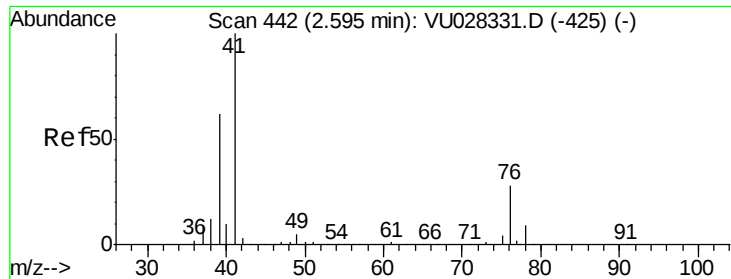
Tgt Ion:	142	Resp:	7216
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.4	54.6



Abundance Ion 142.00 (141.70 to 142.70): VU028331.D (-372) (-)

Ion 127.00 (126.70 to 127.70): VU028331.D (-372) (-)





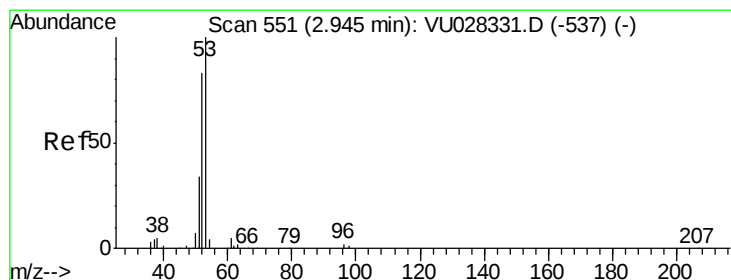
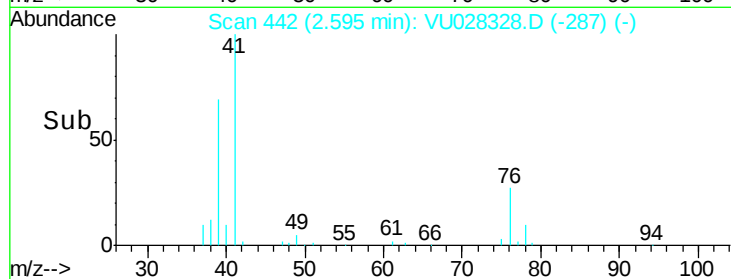
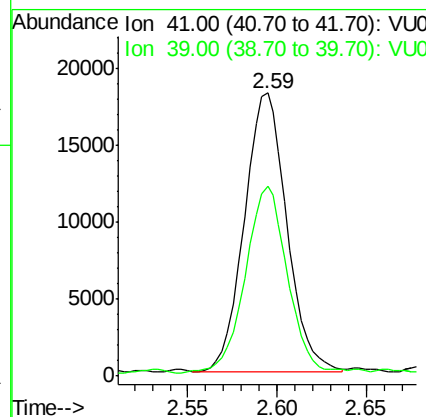
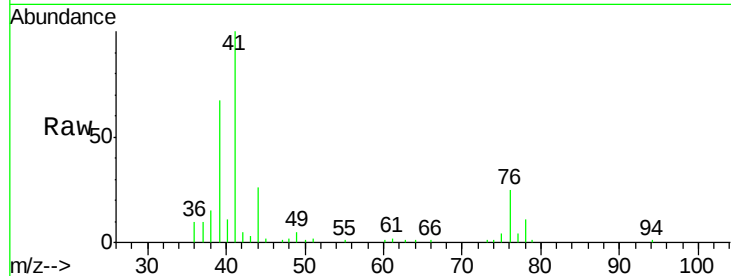
#11
 Allyl Chloride
 Concen: 1.001 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 30098
 Ion Ratio Lower Upper
 41 100
 39 66.6 50.8 76.2

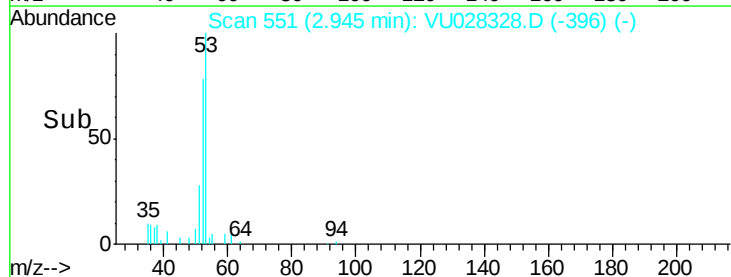
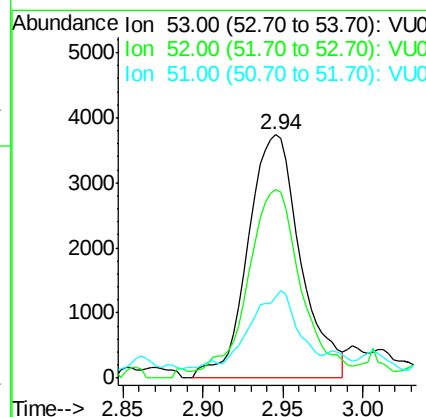
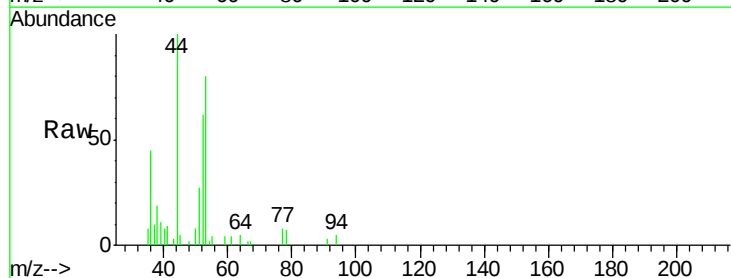
Manual Integrations
 APPROVED

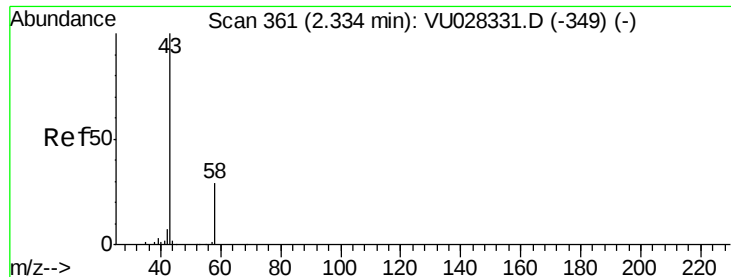
MMDadoda
 11/30/2018 2:33:32 PM



#12
 Acrylonitrile
 Concen: 2.231 ug/l
 RT: 2.94 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 53 Resp: 8466
 Ion Ratio Lower Upper
 53 100
 52 72.8 69.3 103.9
 51 28.2 27.8 41.8





#13

Acetone

Concen: 5.315 ug/l

RT: 2.33 min Scan# 361

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 18690

Ion Ratio Lower Upper

43 100

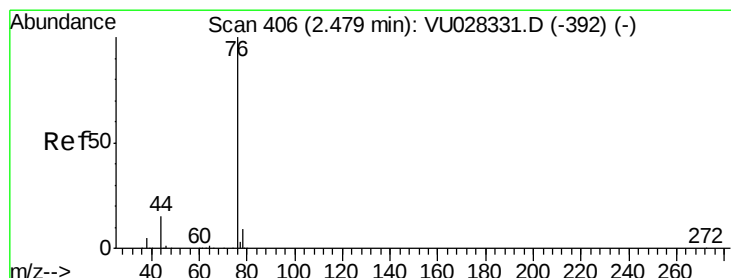
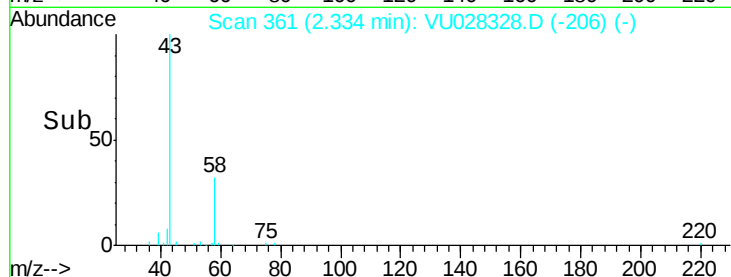
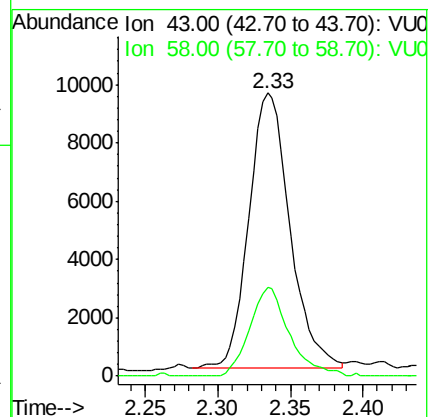
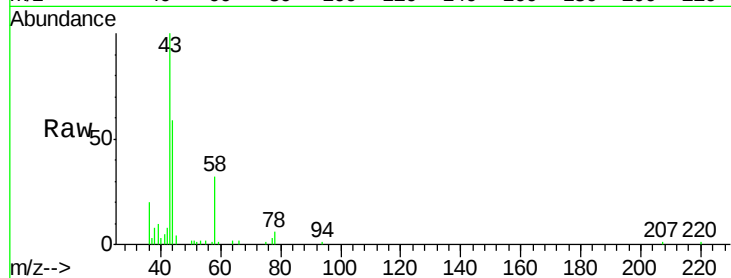
58 32.4 23.1 34.7

Manual Integrations

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#14

Carbon Disulfide

Concen: 0.998 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU028328.D

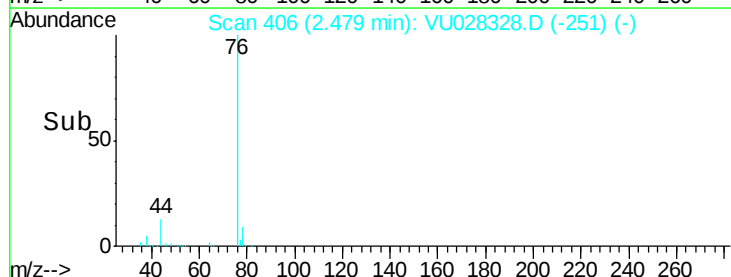
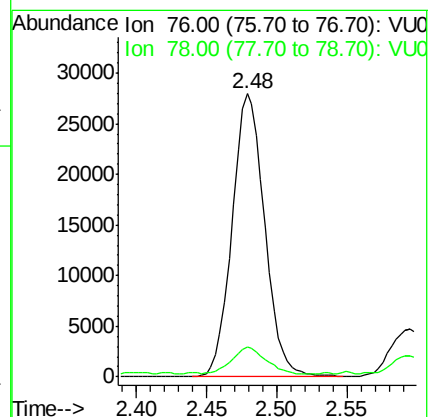
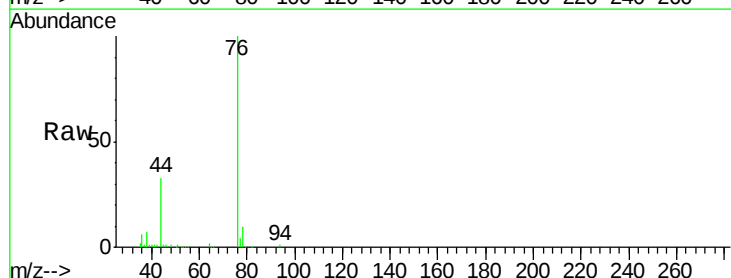
Acq: 26 Nov 2018 10:13

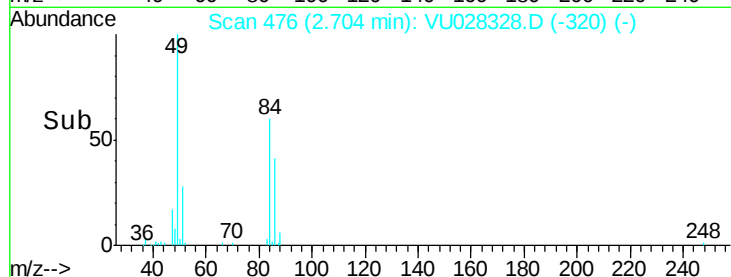
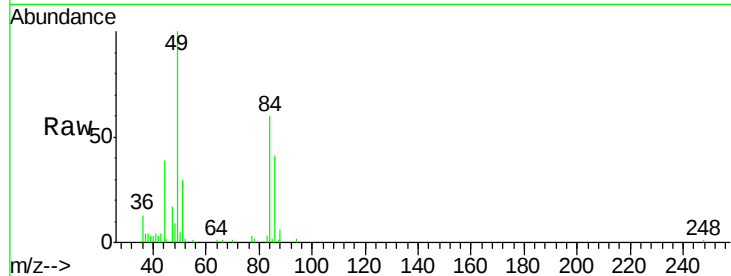
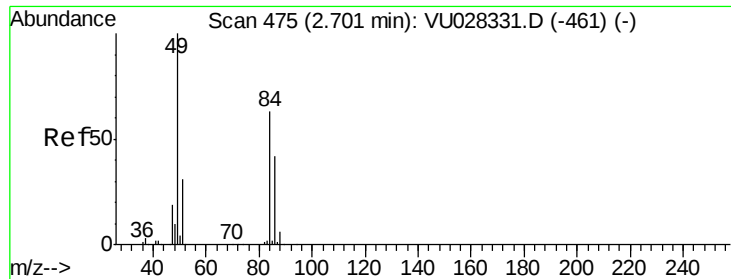
Tgt Ion: 76 Resp: 45179

Ion Ratio Lower Upper

76 100

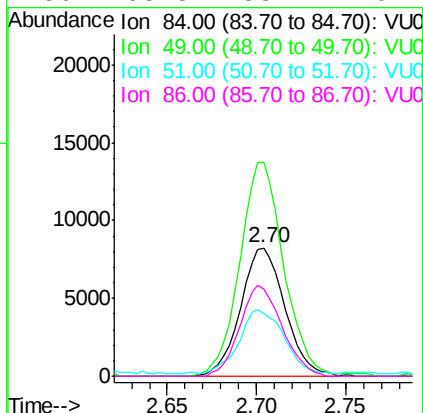
78 8.9 7.4 11.2





#15
Methylene Chloride
Concen: 0.982 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

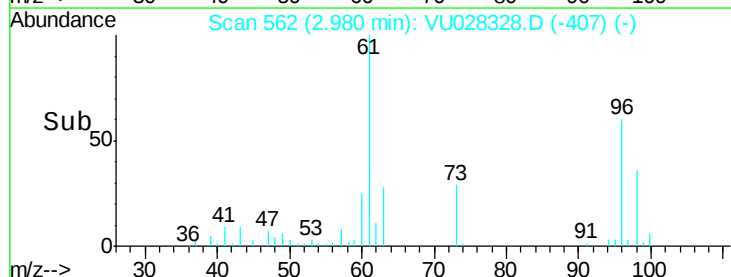
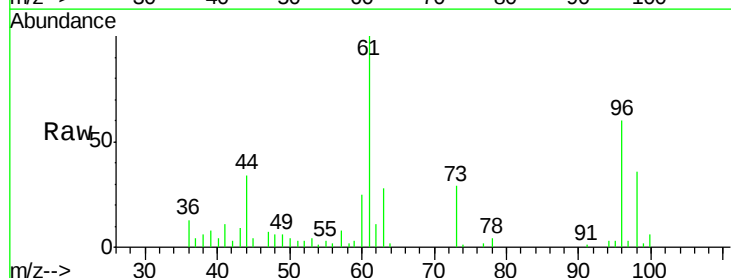
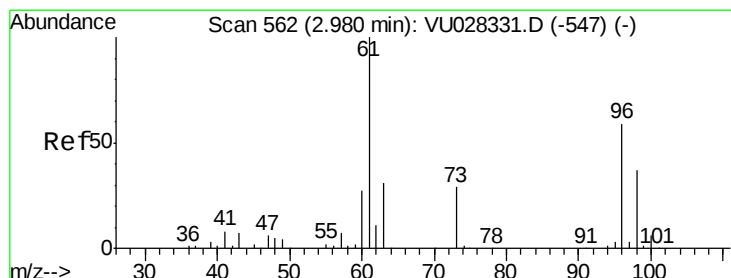
Tgt Ion	Ratio	Lower	Upper
84	100		
49	166.3	127.7	191.5
51	47.1	0.0	98.2
86	68.3	53.1	79.7



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

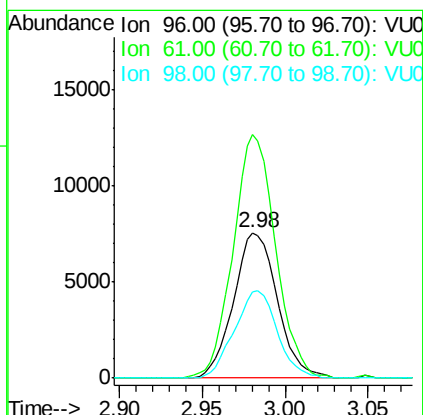
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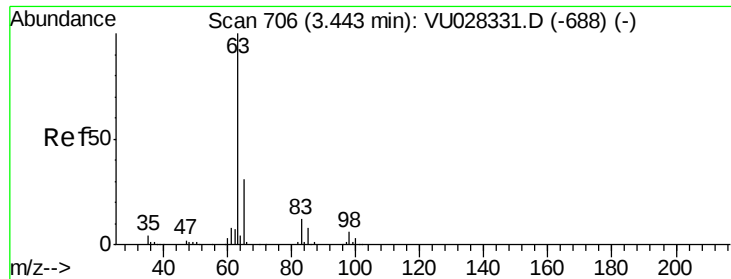
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 1.043 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.6	136.4	204.6
98	59.5	49.8	74.8





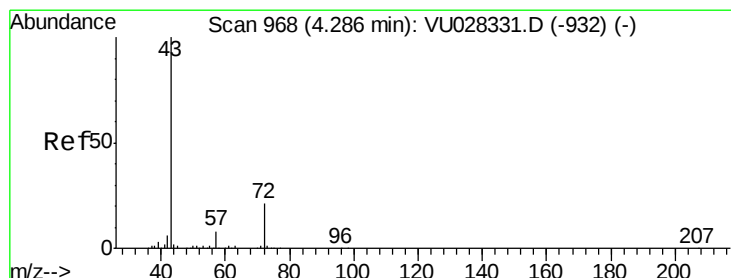
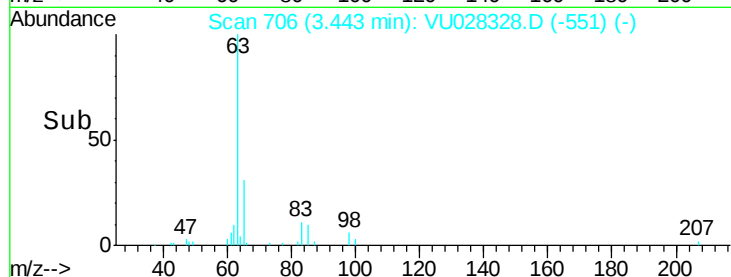
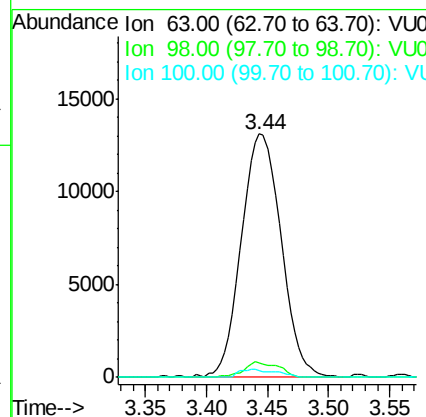
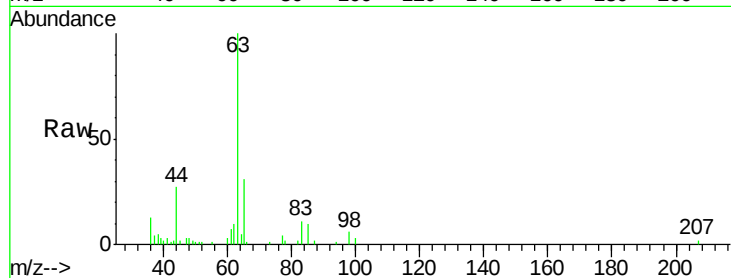
#17
1,1-Dichloroethane
Concen: 0.997 ug/l
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	29640		
98	6.1	3.0	9.0	
100	2.6	1.8	5.3	

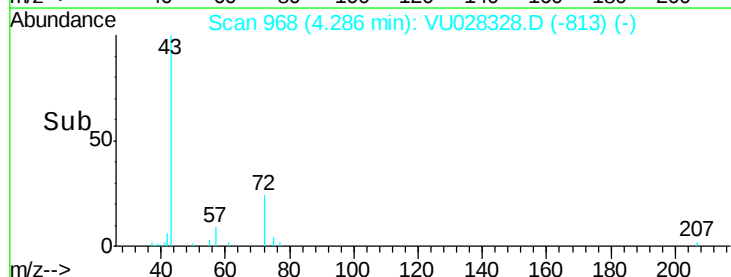
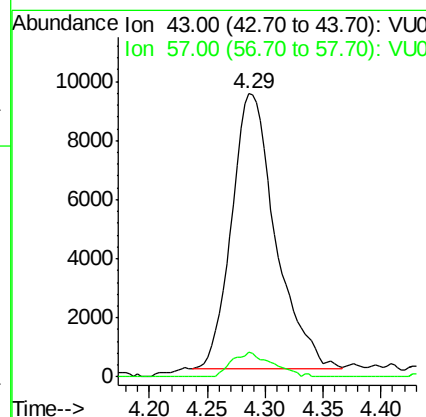
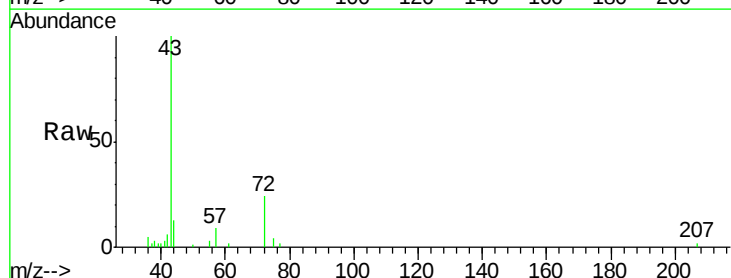
Manual Integrations
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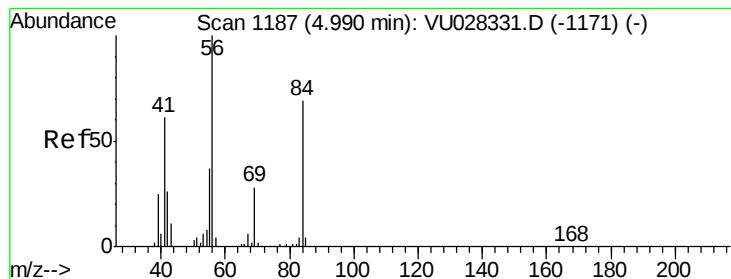
MMDadoda
11/30/2018 2:33:32 PM



#18
2-Butanone
Concen: 4.678 ug/l
RT: 4.29 min Scan# 968
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	24579		
57	9.0	0.0	15.0	





#19

Cyclohexane

Concen: 0.978 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

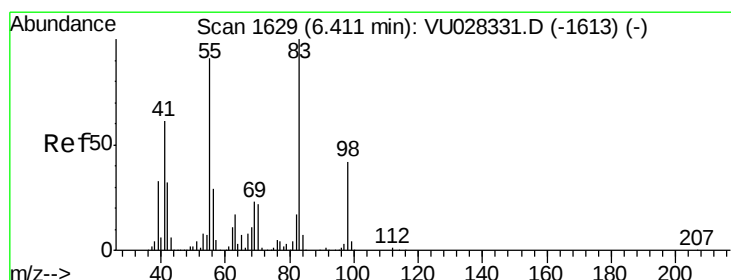
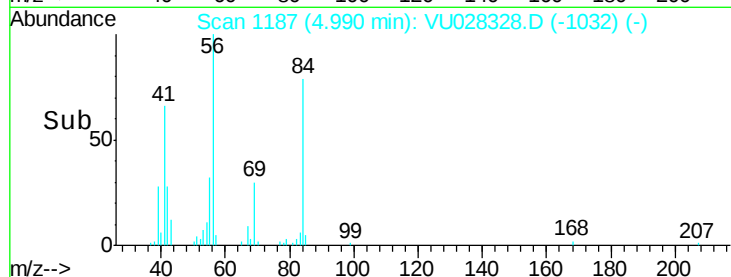
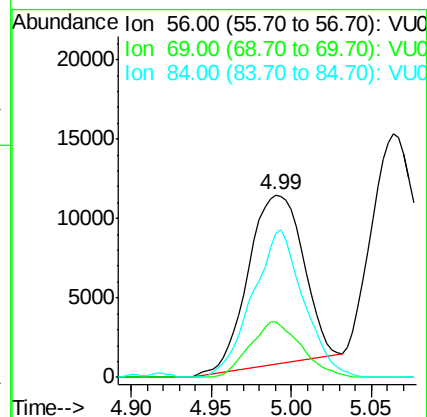
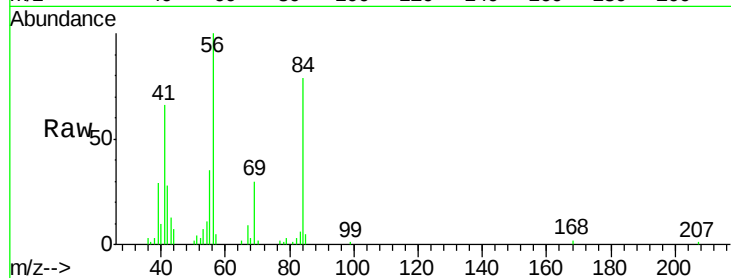
ClientSampleId :

VSTDIC001

Tgt Ion:	56	Resp:	25237
Ion Ratio	Lower	Upper	
56	100		
69	30.8	25.0	37.6
84	81.1	62.6	94.0

Manual Integrations
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11/30/2018 2:33:32 PM



#20

Methylcyclohexane

Concen: 0.958 ug/l

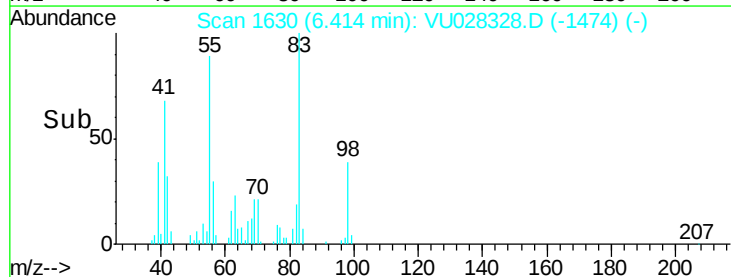
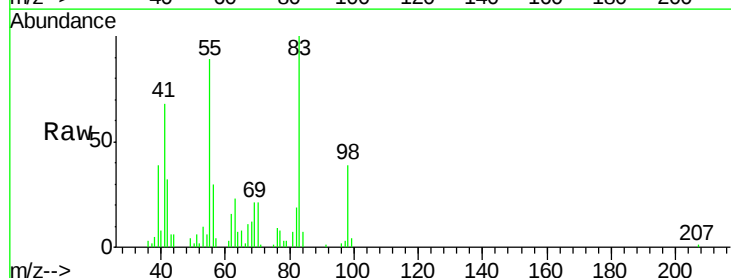
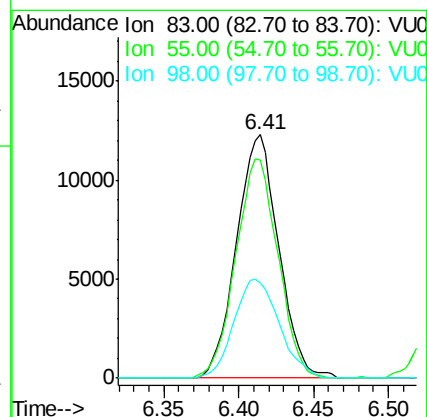
RT: 6.41 min Scan# 1630

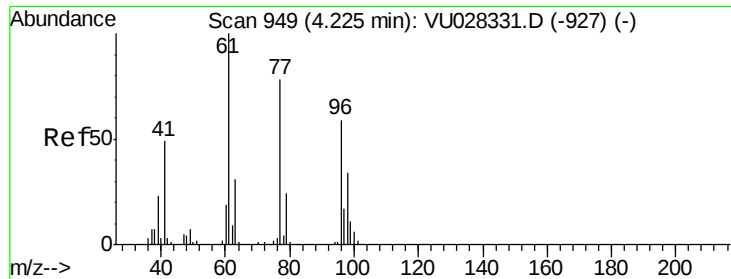
Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Tgt Ion:	83	Resp:	24192
Ion Ratio	Lower	Upper	
83	100		
55	90.0	72.6	108.8
98	43.4	33.8	50.8





#21

2,2-Dichloropropane

Concen: 1.013 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 77 Resp: 24162

Ion Ratio Lower Upper

77 100

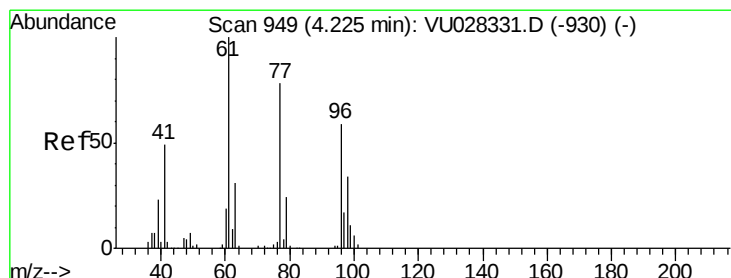
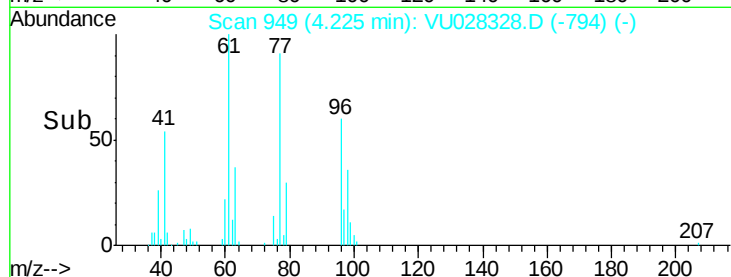
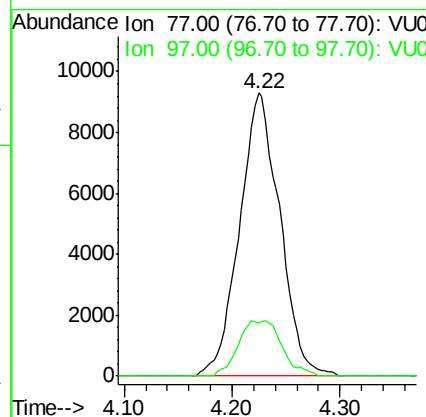
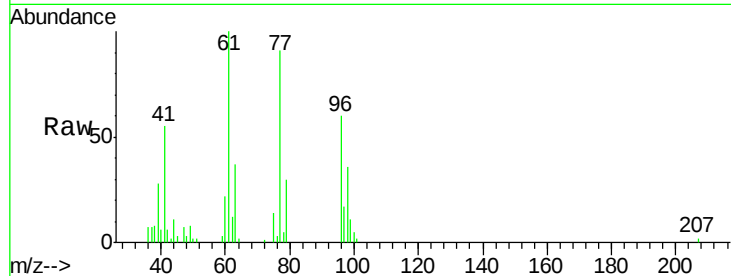
97 10.5 17.4 26.2#

Manual Integrations

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11/30/2018 2:33:32 PM



#22

cis-1,2-Dichloroethene

Concen: 0.960 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

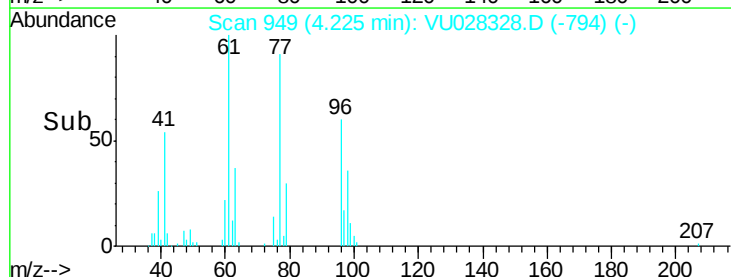
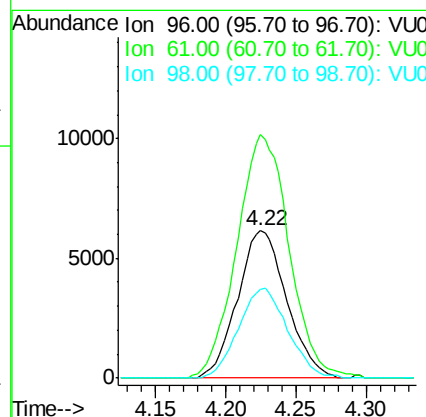
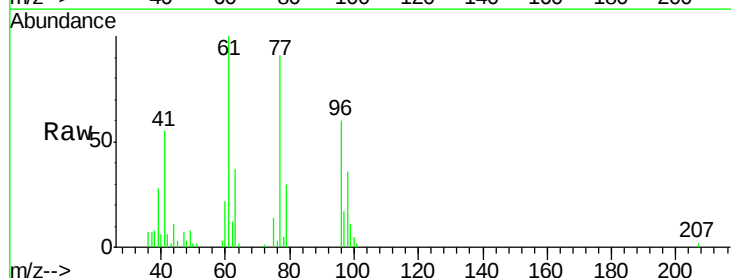
Tgt Ion: 96 Resp: 14972

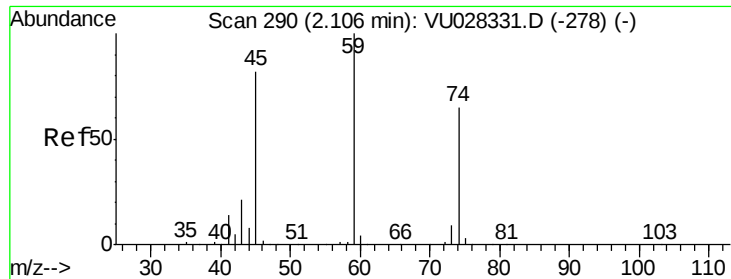
Ion Ratio Lower Upper

96 100

61 175.7 0.0 423.0

98 60.9 30.3 91.0





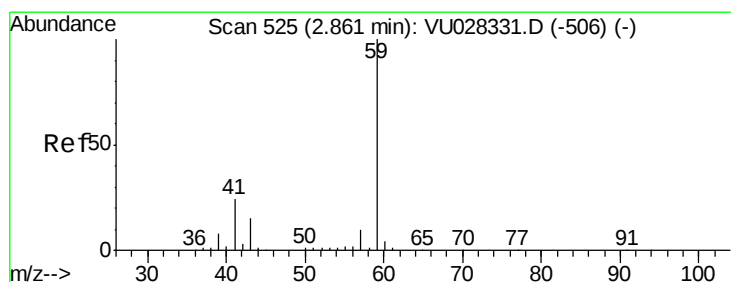
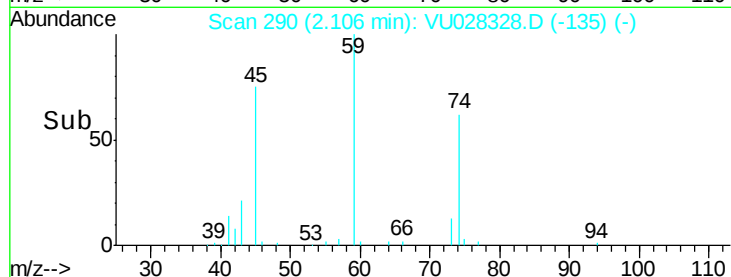
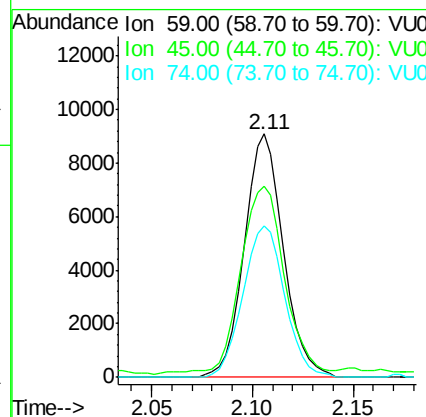
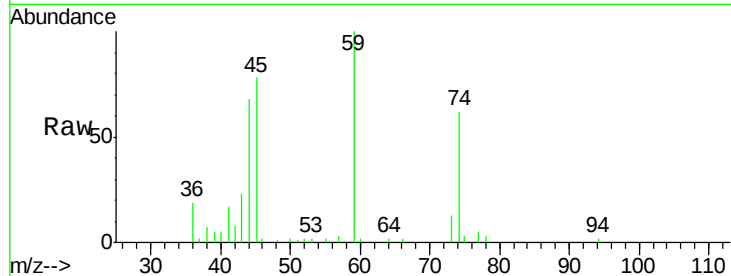
#23
Diethyl Ether
Concen: 1.030 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:	59	Resp:	12306
Ion Ratio	Lower	Upper	
59	100		
45	83.1	66.4	99.6
74	66.6	52.2	78.4

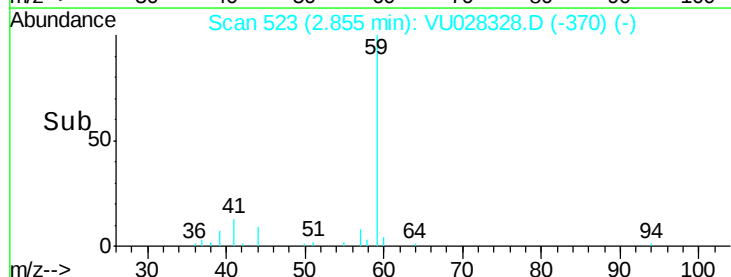
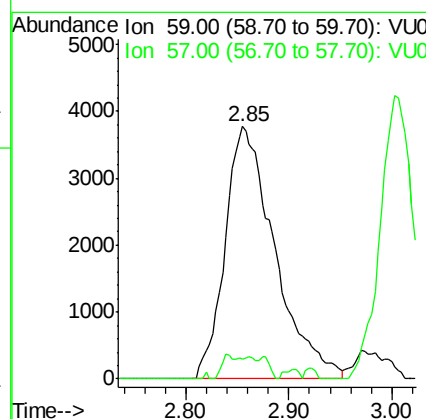
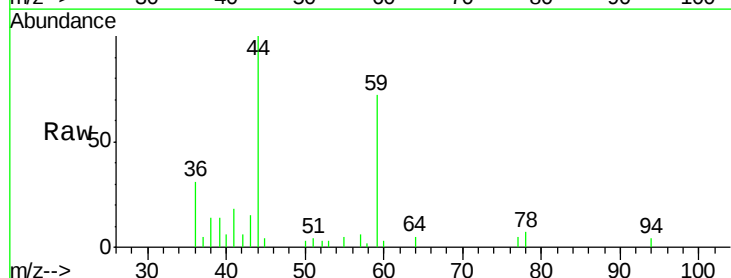
Manual Integrations
APPROVED

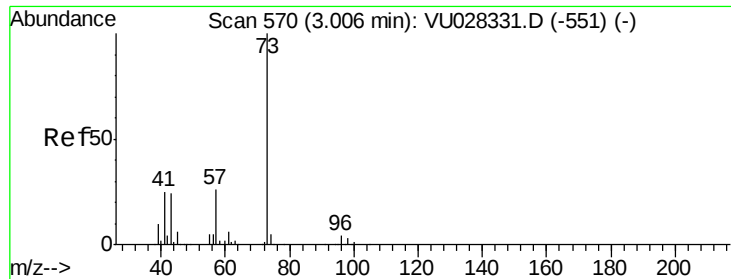
MMDadoda
11/30/2018 2:33:32 PM



#24
tert-Butyl Alcohol
Concen: 10.929 ug/l
RT: 2.85 min Scan# 523
Delta R.T. -0.01 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:	59	Resp:	12624
Ion Ratio	Lower	Upper	
59	100		
57	2.6	8.2	12.4#





#25

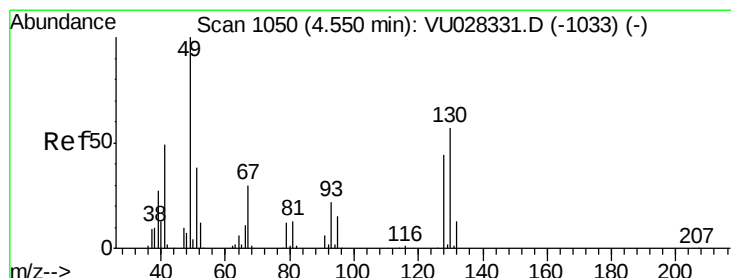
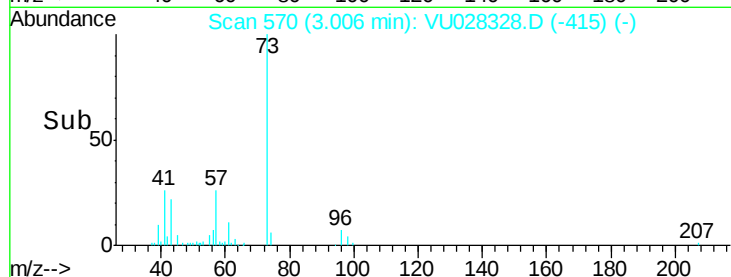
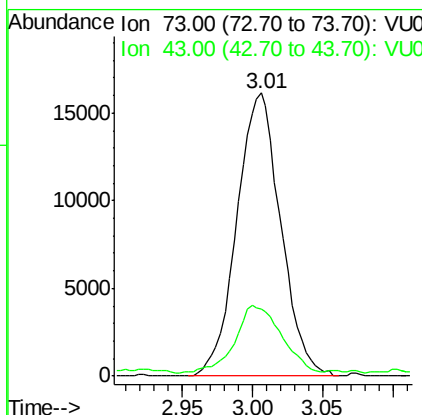
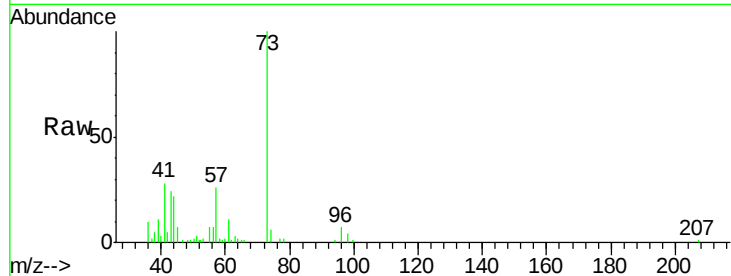
Methyl tert-Butyl Ether
Concen: 0.992 ug/l
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 35088
Ion Ratio Lower Upper
73 100
43 25.5 18.5 27.7

Manual Integrations
APPROVED

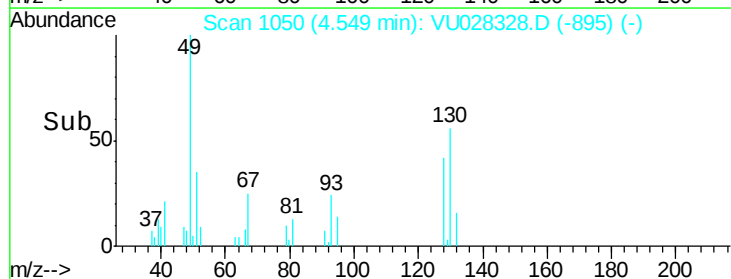
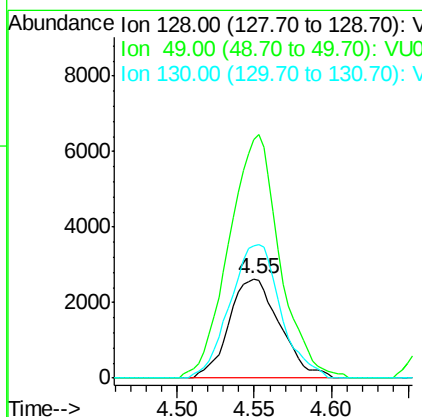
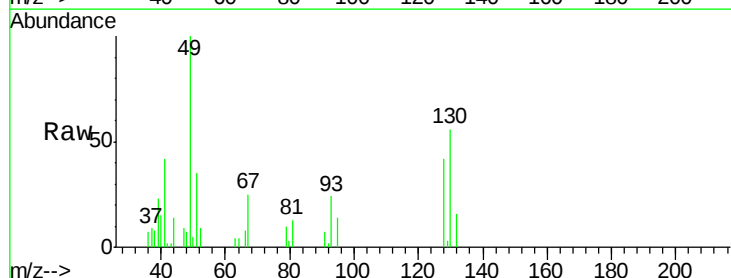
MMDadoda
11/30/2018 2:33:32 PM

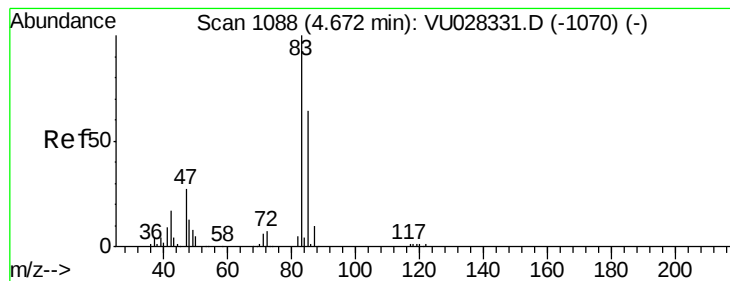


#26

Bromochloromethane
Concen: 1.006 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 128 Resp: 5983
Ion Ratio Lower Upper
128 100
49 245.2 0.0 457.6
130 134.7 101.4 152.2





#27

Chloroform

Concen: 1.026 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 29394

Ion Ratio Lower Upper

83 100

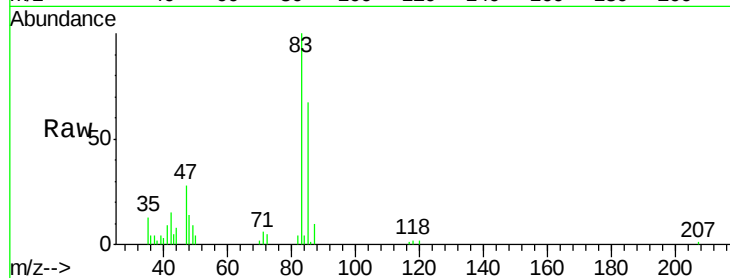
85 66.9 0.0 128.0

Manual Integrations

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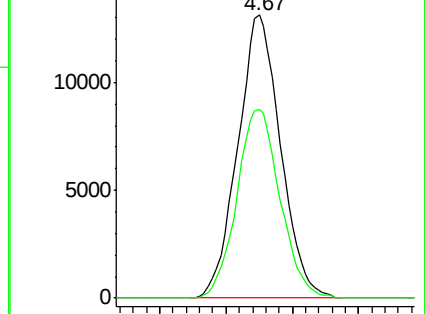
MMDadoda

11/30/2018 2:33:32 PM

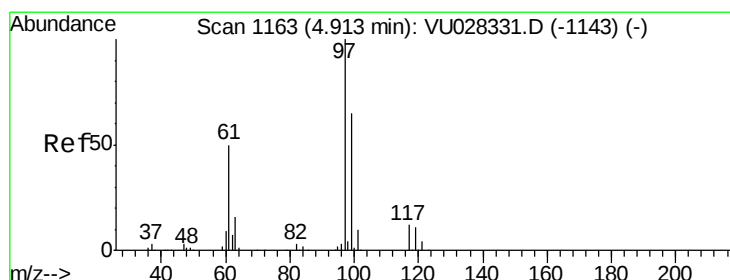
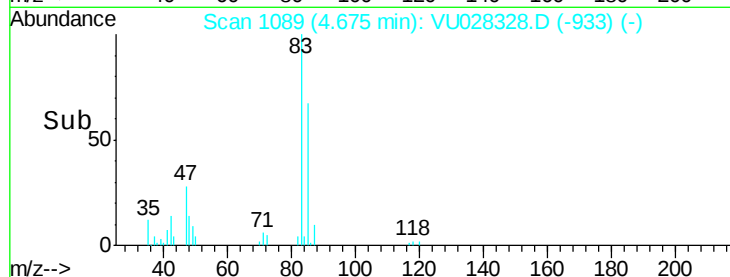


Abundance Ion 83.00 (82.70 to 83.70): VU028331.D (-1070) (-)

Ion 85.00 (84.70 to 85.70): VU028331.D (-1070) (-)



Time-->



#28

1,1,1-Trichloroethane

Concen: 1.029 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

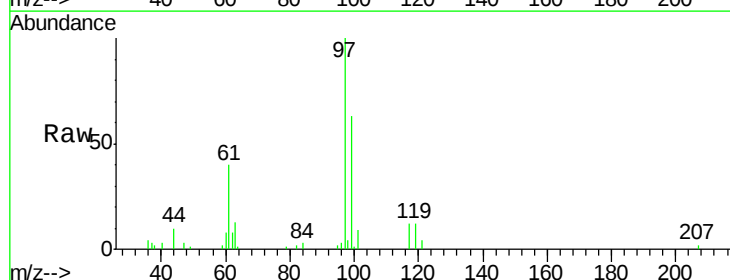
Tgt Ion: 97 Resp: 23025

Ion Ratio Lower Upper

97 100

99 60.8 32.2 96.6

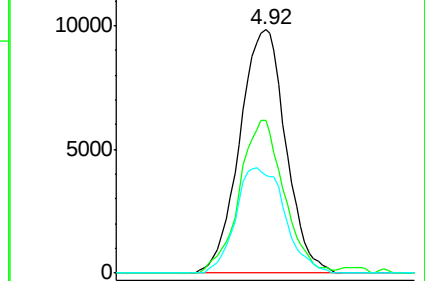
61 45.9 24.9 74.7



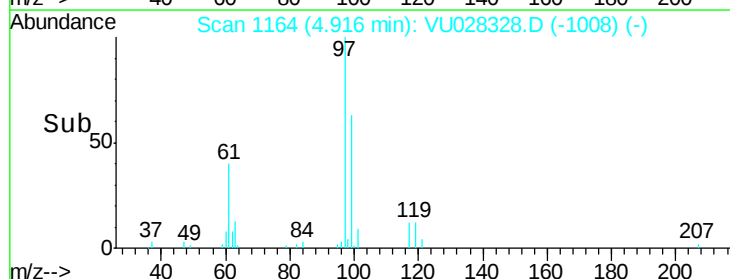
Abundance Ion 97.00 (96.70 to 97.70): VU028331.D (-1143) (-)

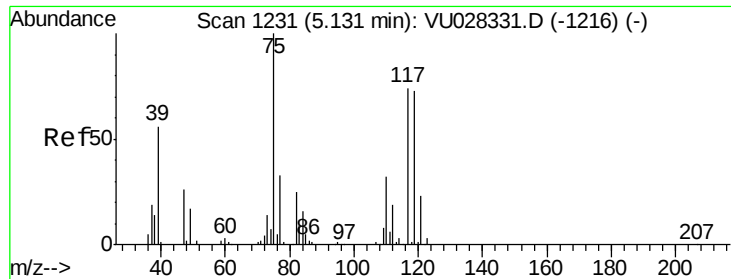
Ion 99.00 (98.70 to 99.70): VU028331.D (-1143) (-)

Ion 61.00 (60.70 to 61.70): VU028331.D (-1143) (-)



Time-->





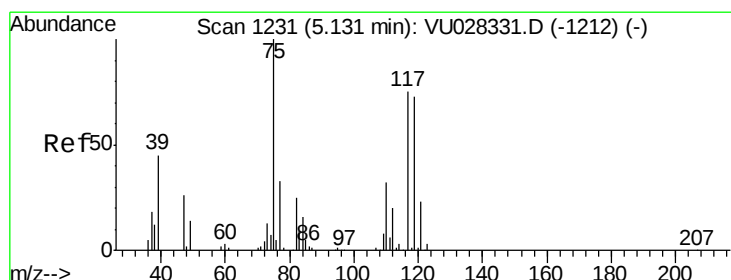
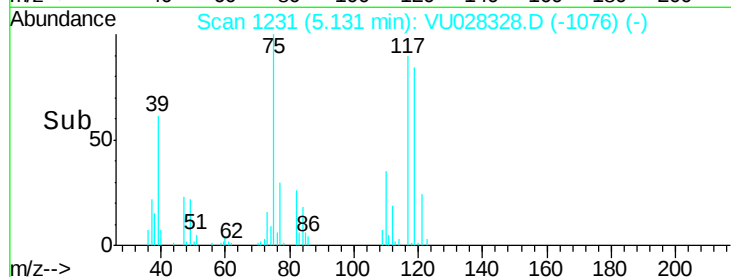
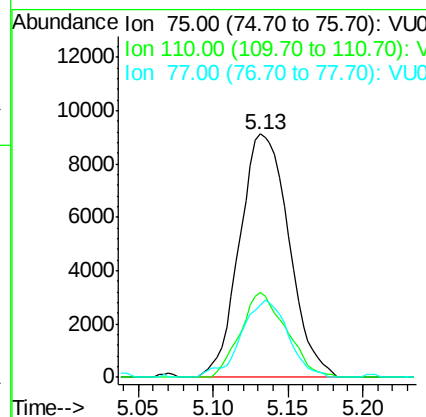
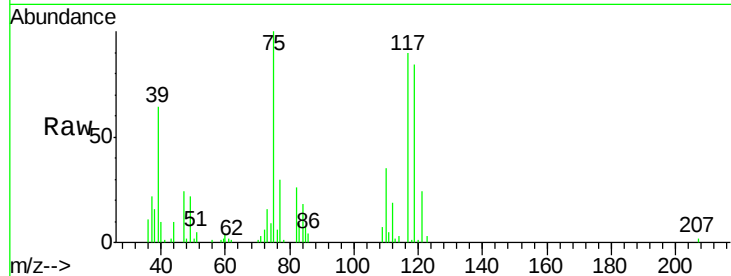
#29
 1,1-Dichloropropene
 Concen: 0.974 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	15.8	47.3
77	30.1	25.4	38.0

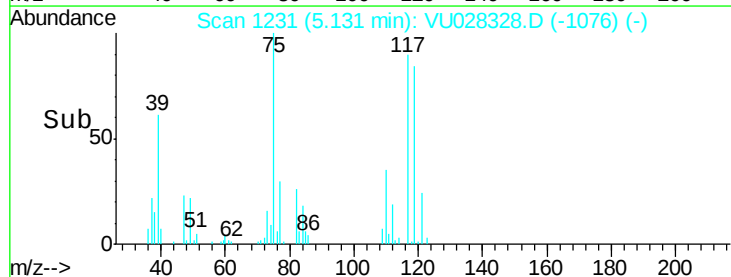
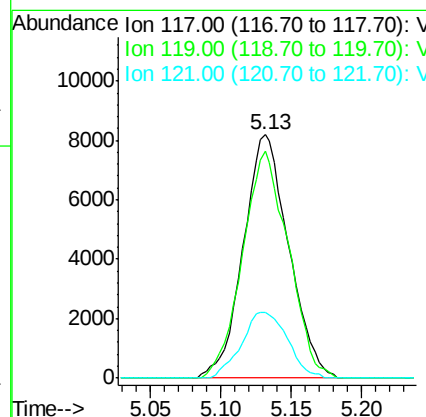
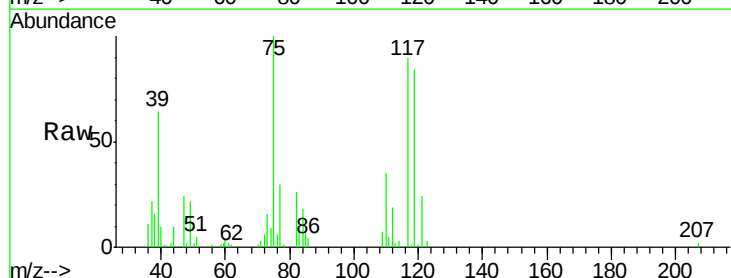
Manual Integrations
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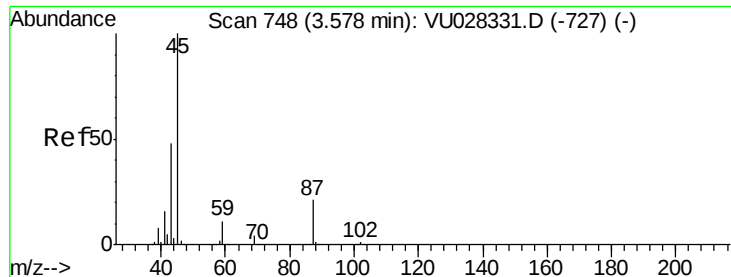
MMDadoda
 11/30/2018 2:33:32 PM



#30
 Carbon Tetrachloride
 Concen: 1.020 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.2	117.4
121	26.8	24.7	37.1





#31

Isopropyl Ether

Concen: 1.023 ug/l

RT: 3.58 min Scan# 748

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 45 Resp: 54451

Ion Ratio Lower Upper

45 100

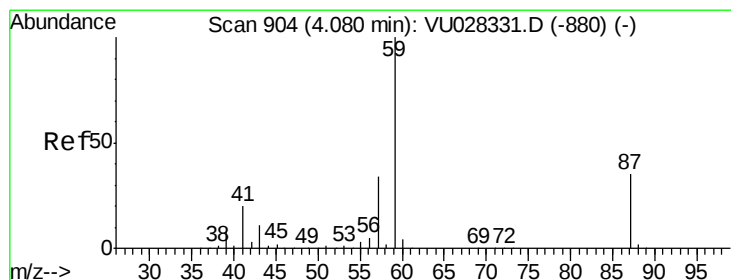
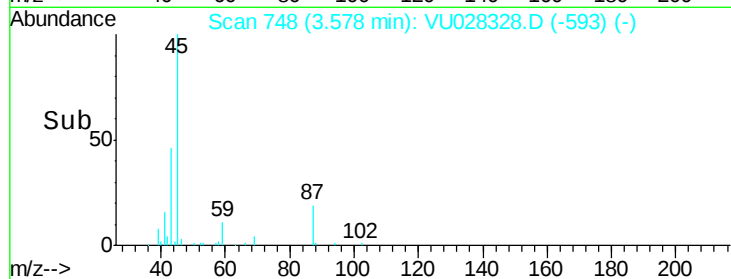
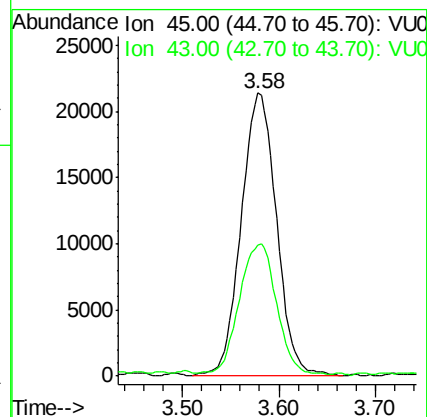
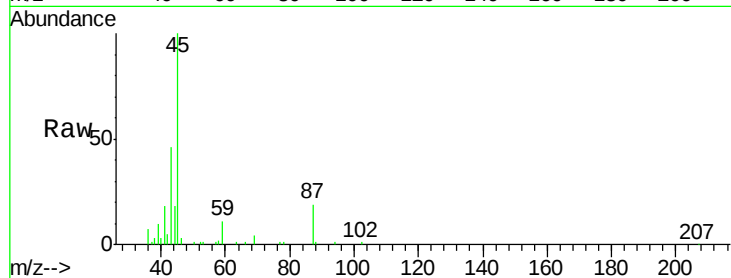
43 48.6 24.2 72.6

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 0.983 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028328.D

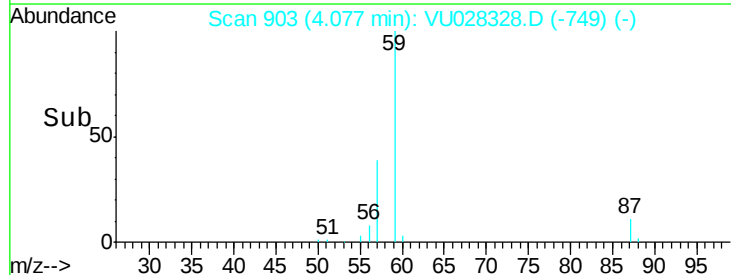
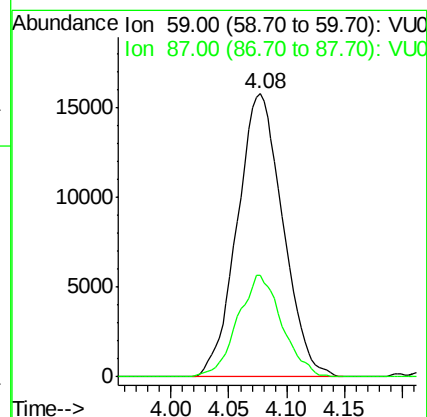
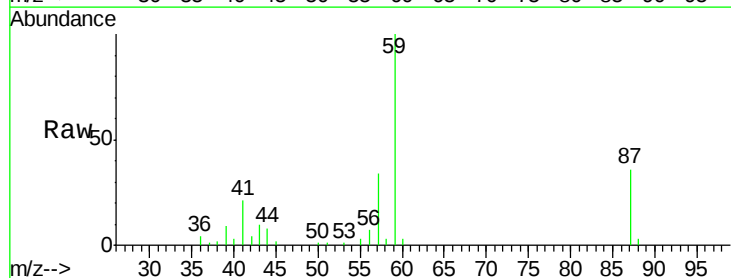
Acq: 26 Nov 2018 10:13

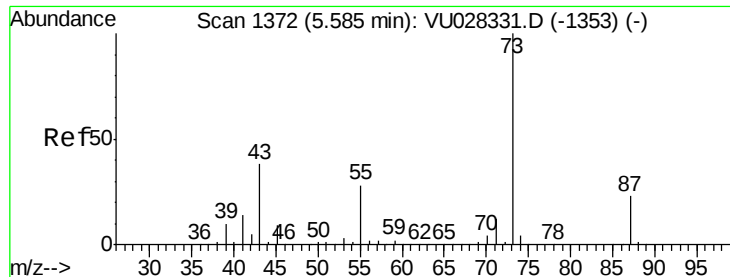
Tgt Ion: 59 Resp: 43094

Ion Ratio Lower Upper

59 100

87 34.9 28.2 42.4





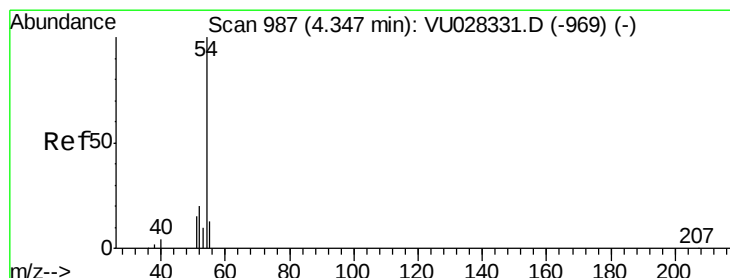
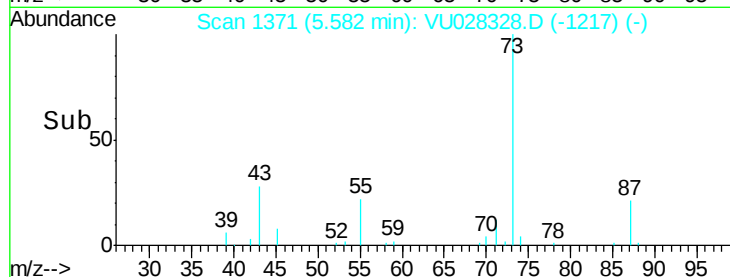
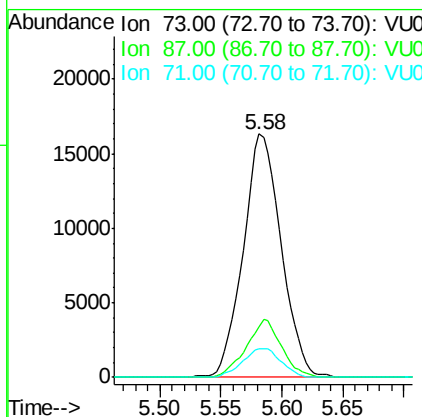
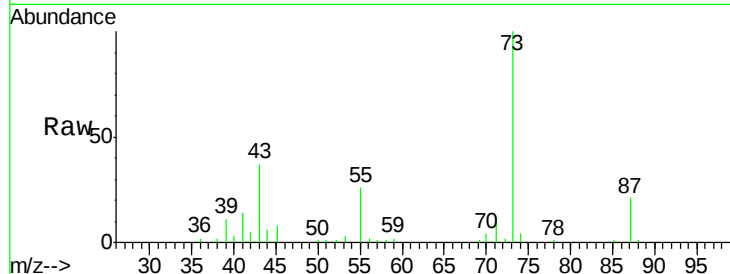
#33
Tert-Amyl methyl ether
Concen: 0.965 ug/l
RT: 5.58 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
73	100		
87	21.9	17.6	26.4
71	11.8	9.2	13.8

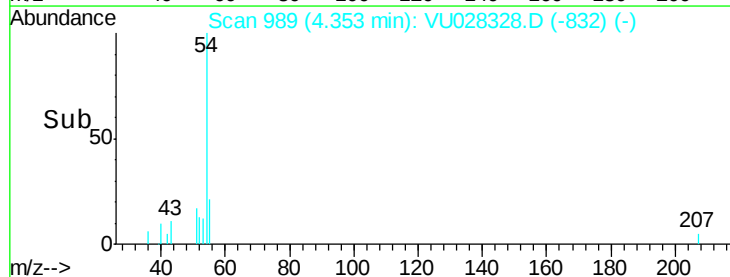
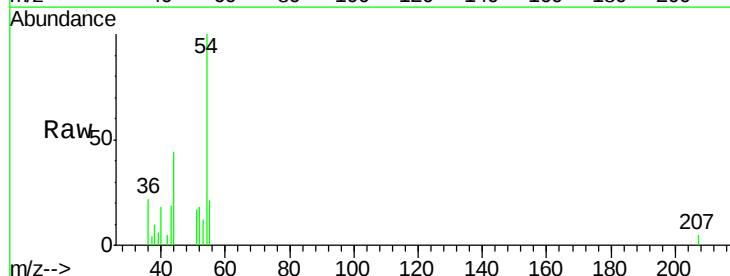
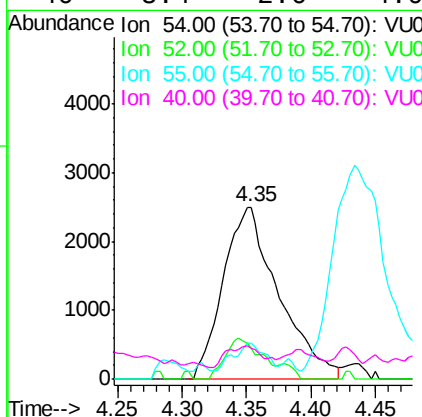
Manual Integrations
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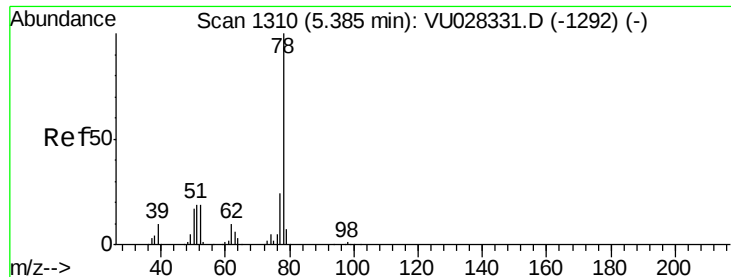
MMDadoda
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#34
Propionitrile
Concen: 5.651 ug/l
RT: 4.35 min Scan# 989
Delta R.T. 0.01 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
54	100		
52	14.9	16.6	25.0#
55	13.4	12.9	19.3
40	8.4	2.6	4.0#





#35

Benzene

Concen: 0.989 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 62486

Ion Ratio Lower Upper

78 100

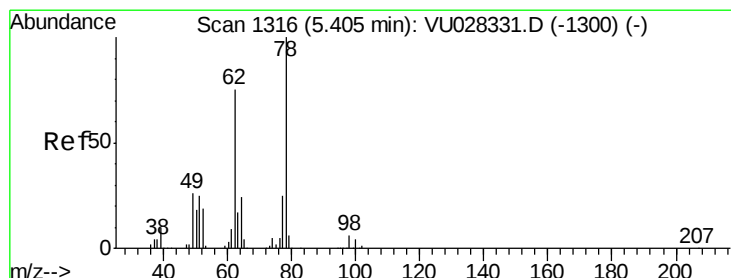
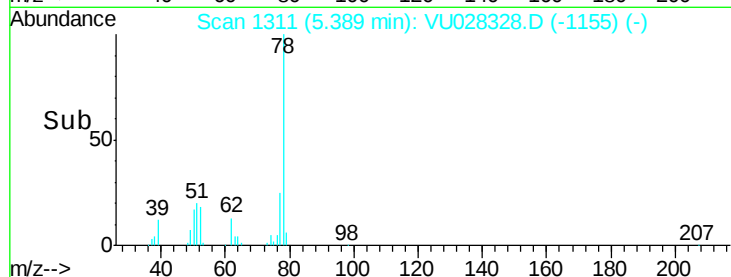
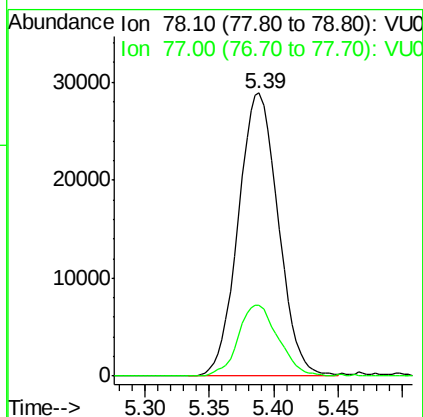
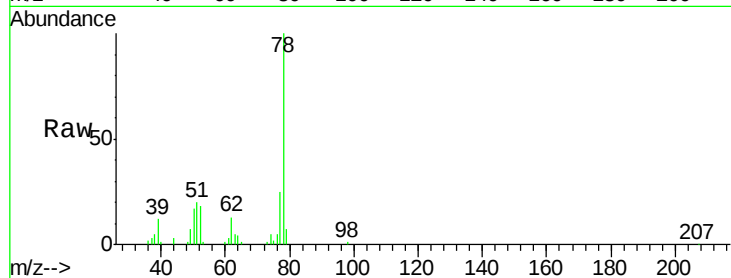
77 25.2 19.5 29.3

Manual Integrations

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#36

1,2-Dichloroethane

Concen: 1.002 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU028328.D

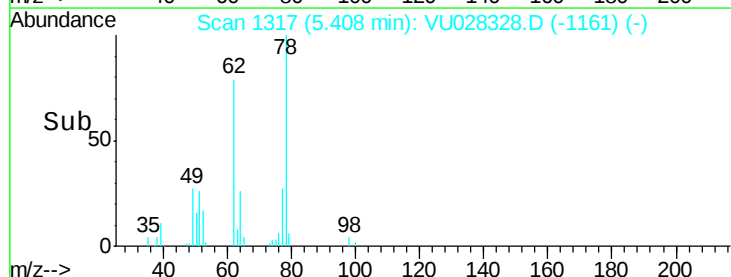
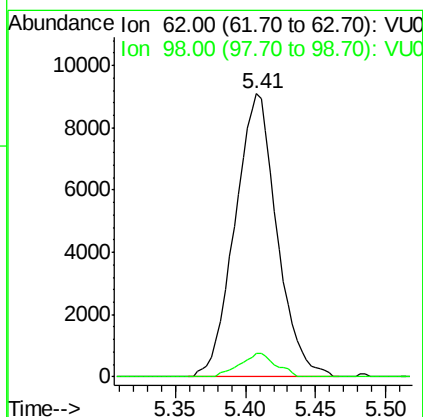
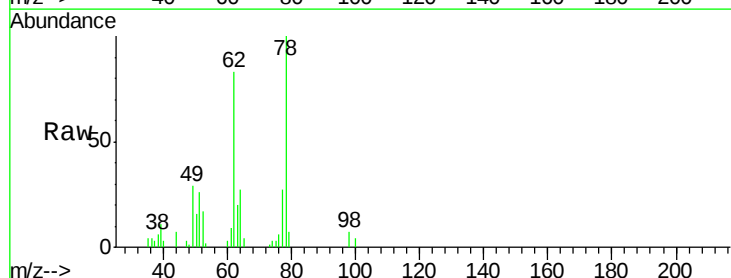
Acq: 26 Nov 2018 10:13

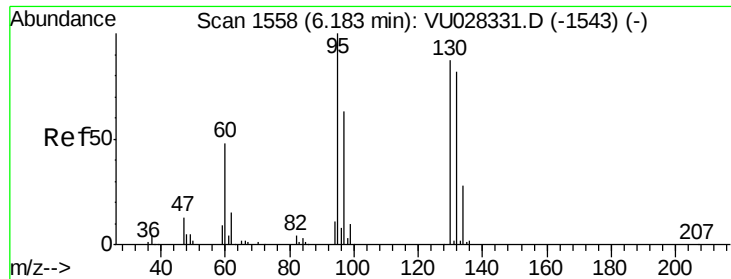
Tgt Ion: 62 Resp: 18948

Ion Ratio Lower Upper

62 100

98 7.0 6.0 9.0





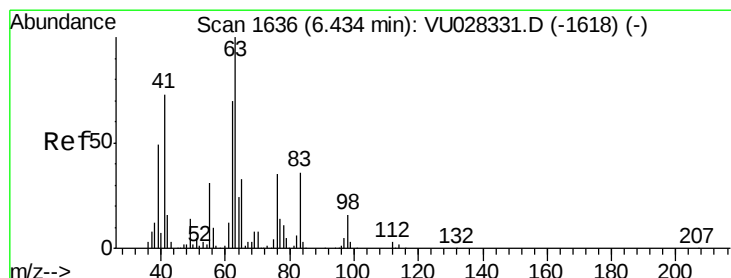
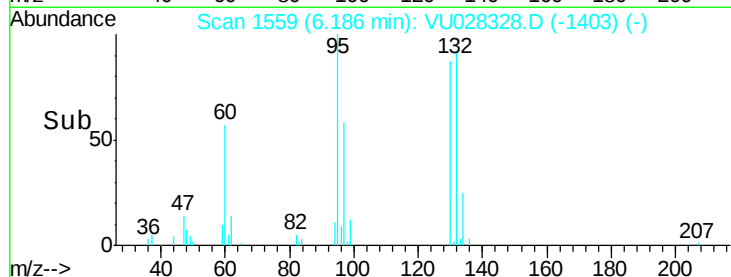
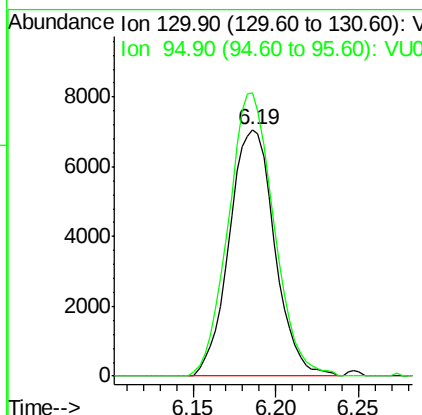
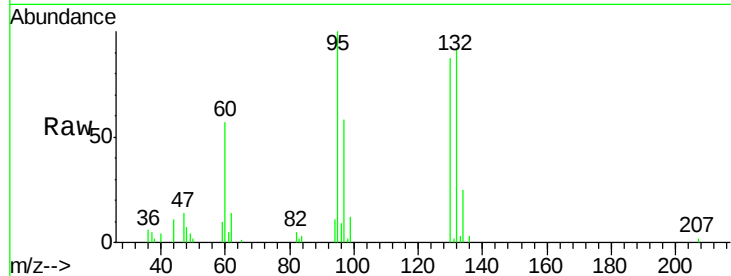
#37
 Trichloroethene
 Concen: 0.977 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 130 Resp: 13455
 Ion Ratio Lower Upper
 130 100
 95 114.9 91.5 137.3

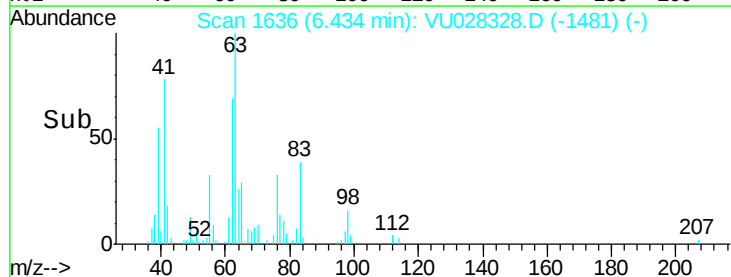
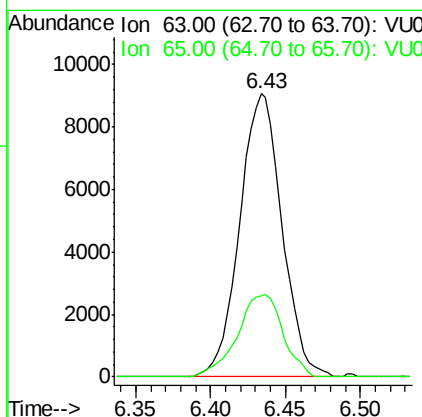
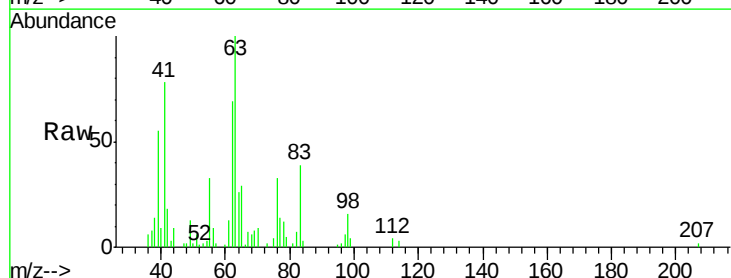
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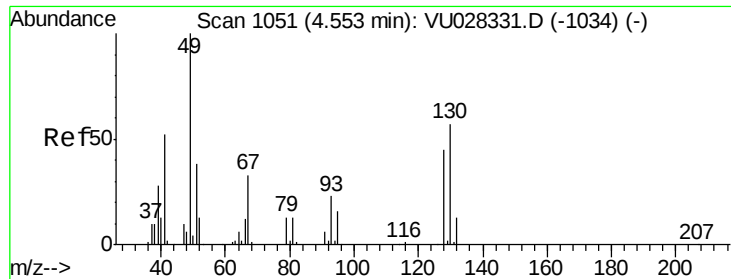
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#38
 1,2-Dichloropropane
 Concen: 0.988 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 63 Resp: 17808
 Ion Ratio Lower Upper
 63 100
 65 28.8 26.2 39.4





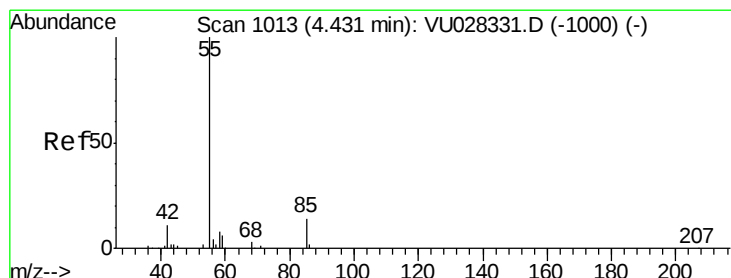
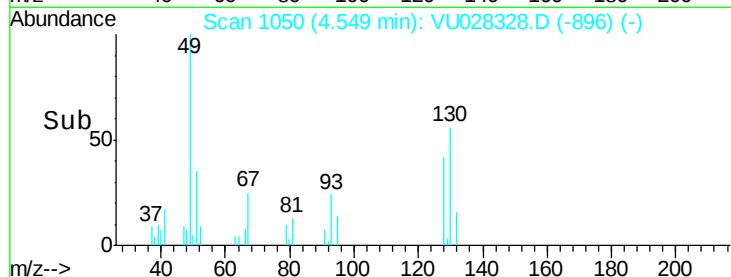
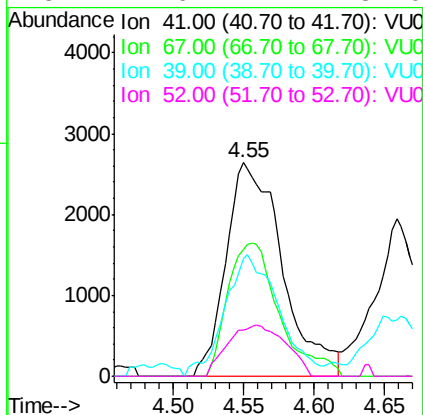
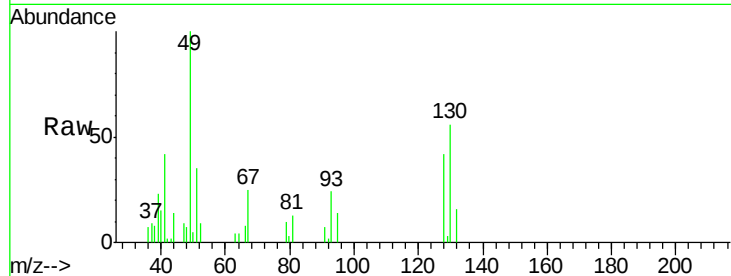
#39
Methacrylonitrile
Concen: 1.042 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
41	100		
67	57.3	48.2	72.4
39	54.5	42.9	64.3
52	24.6	21.4	32.0

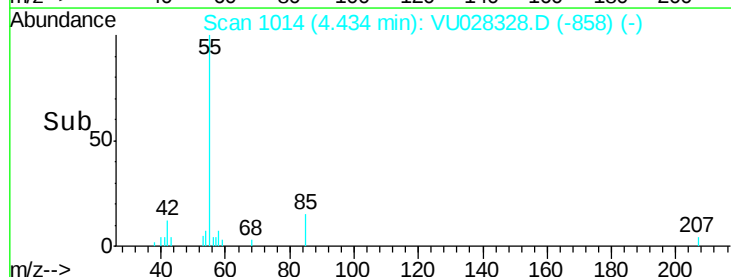
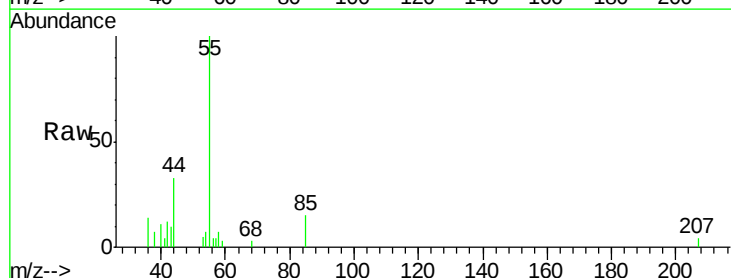
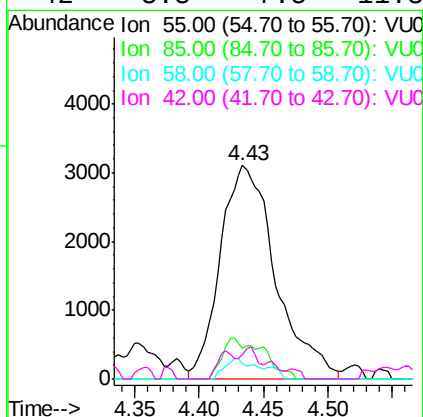
Manual Integrations
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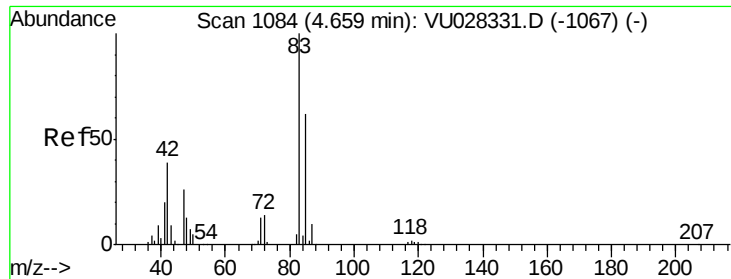
MMDadoda
11/30/2018 2:33:32 PM



#40
Methyl acrylate
Concen: 0.955 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
55	100		
85	14.2	10.9	16.3
58	5.1	6.4	9.6#
42	3.8	7.5	11.3#





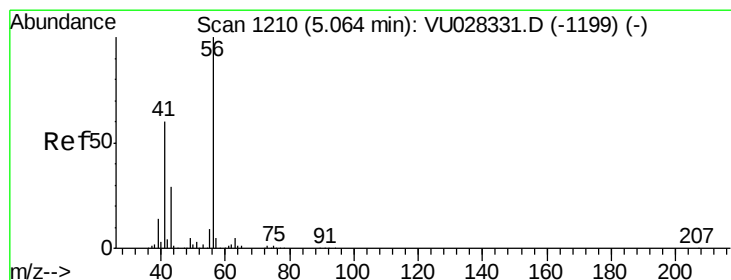
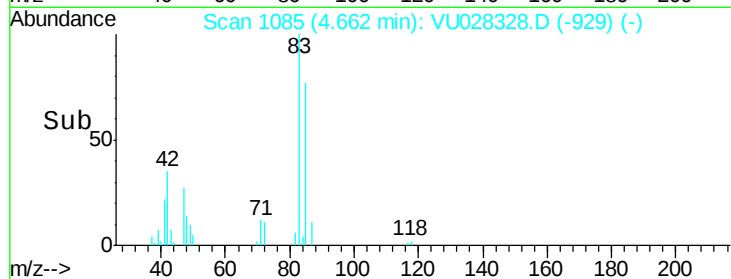
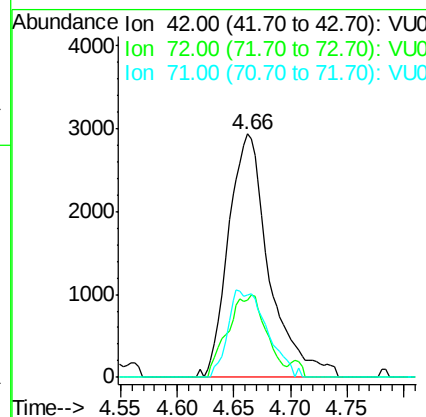
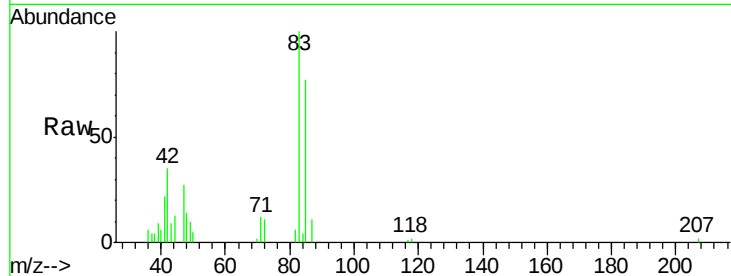
#41
Tetrahydrofuran
Concen: 2.064 ug/l
RT: 4.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
42	100		
72	32.3	29.8	44.6
71	34.5	25.9	38.9

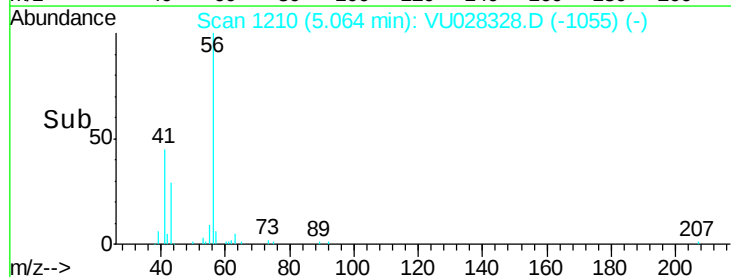
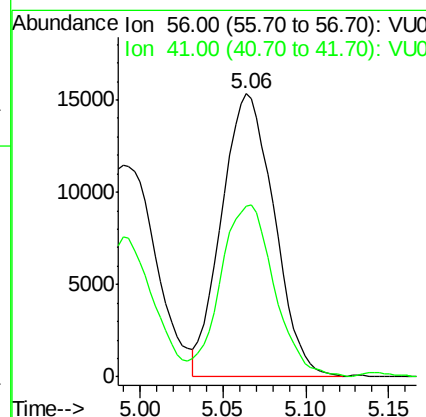
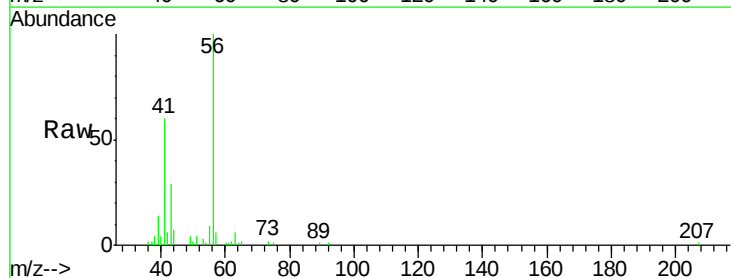
Manual Integrations
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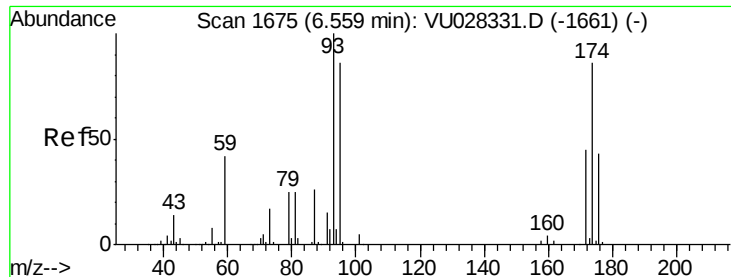
MMDadoda
11/30/2018 2:33:32 PM



#42
1-Chlorobutane
Concen: 0.992 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
56	100		
41	62.0	29.8	89.3





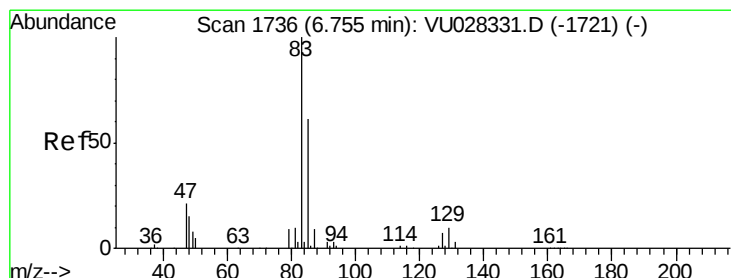
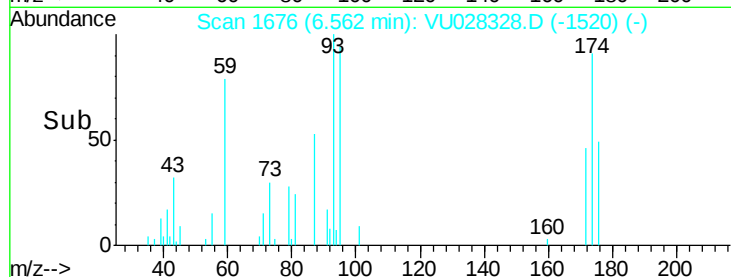
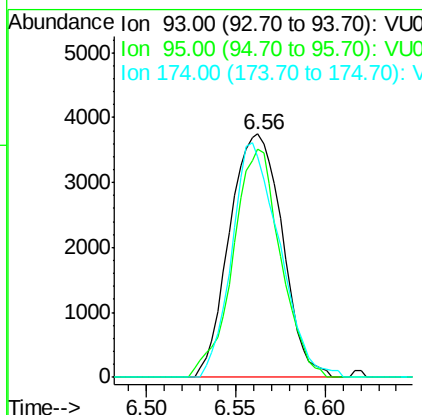
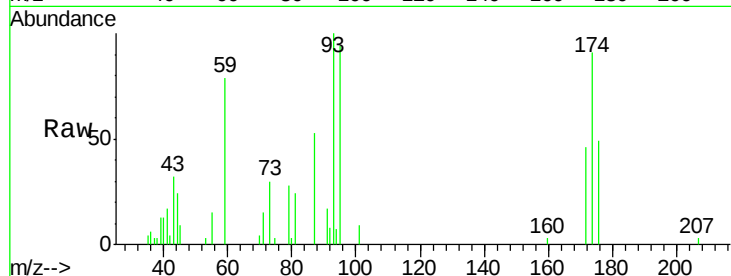
#43
Dibromomethane
Concen: 1.007 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 93 Resp: 7731
Ion Ratio Lower Upper
93 100
95 84.7 66.6 99.8
174 87.3 69.4 104.2

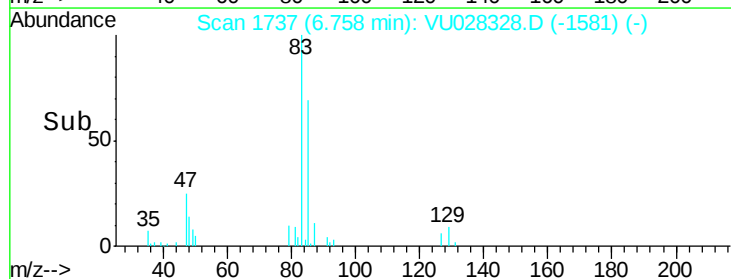
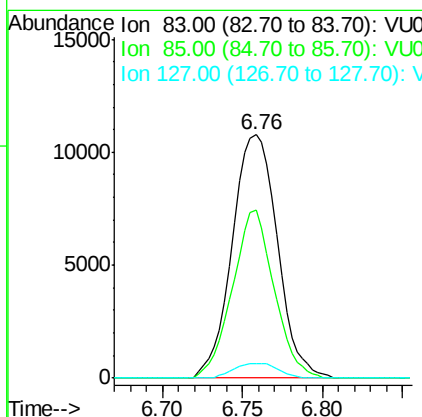
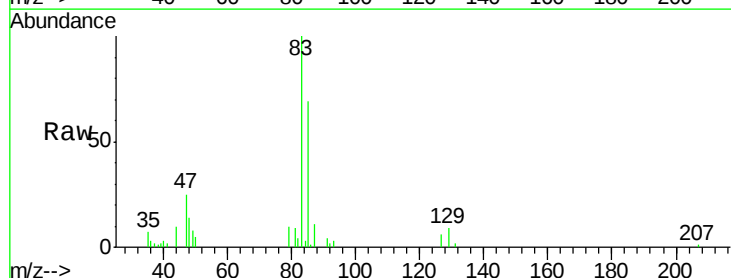
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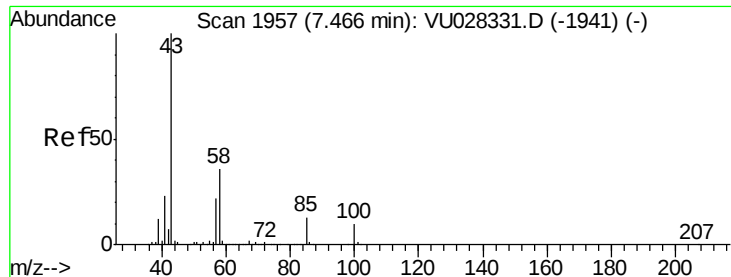
MMDadoda
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#44
Bromodichloromethane
Concen: 1.027 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 83 Resp: 20801
Ion Ratio Lower Upper
83 100
85 69.0 49.0 73.6
127 5.9 5.7 8.5





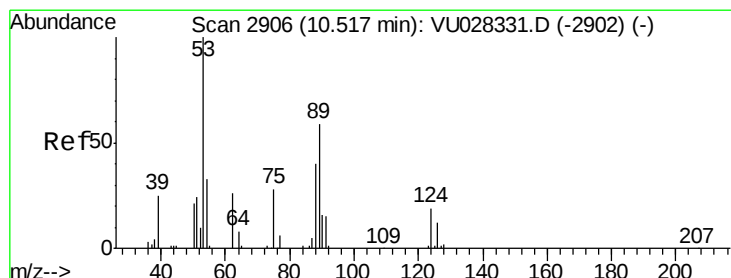
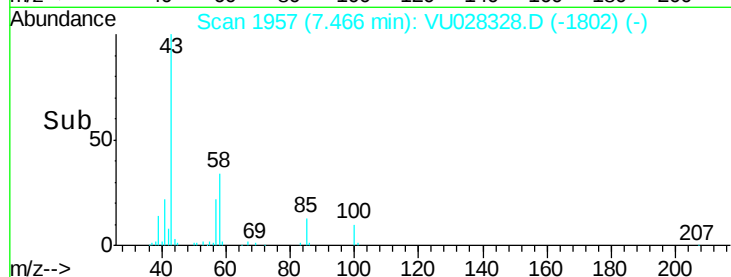
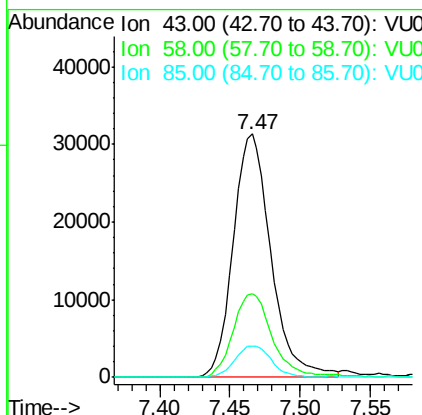
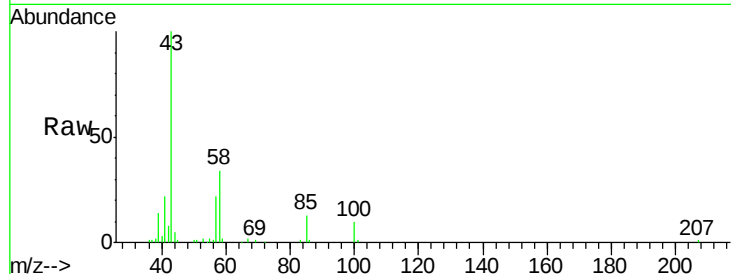
#45
 4-Methyl-2-Pentanone
 Concen: 4.772 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	17.9	53.7
85	12.5	10.8	16.2

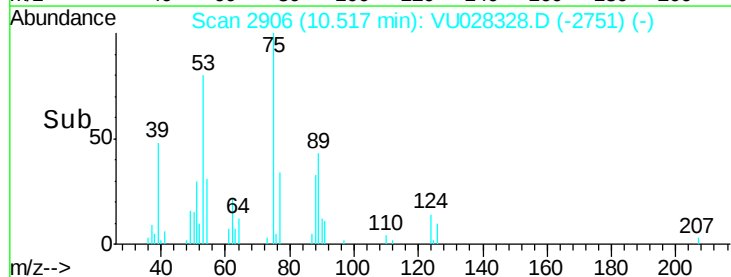
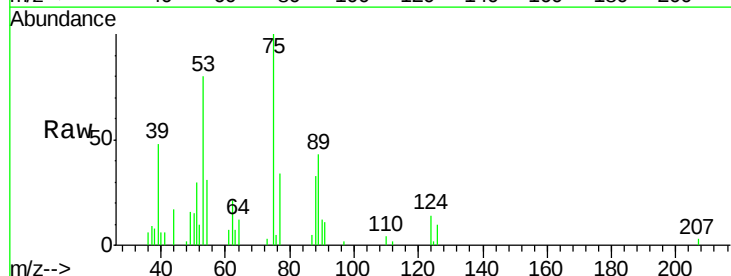
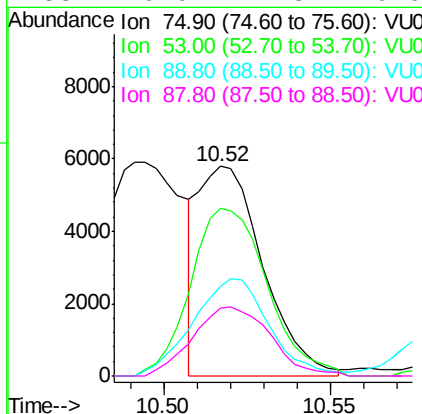
Manual Integrations
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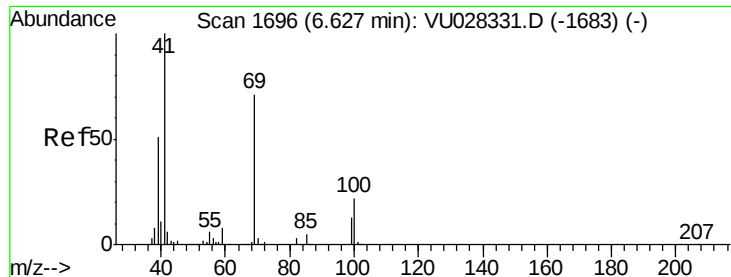
MMDadoda
 11/30/2018 2:33:32 PM



#46
 t-1,4-Dichloro-2-butene
 Concen: 1.762 ug/l m
 RT: 10.52 min Scan# 2906
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.9	65.0	97.6
89	54.6	38.6	58.0
88	40.0	27.3	40.9





#47

Methyl methacrylate

Concen: 1.896 ug/l

RT: 6.63 min Scan# 1697

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

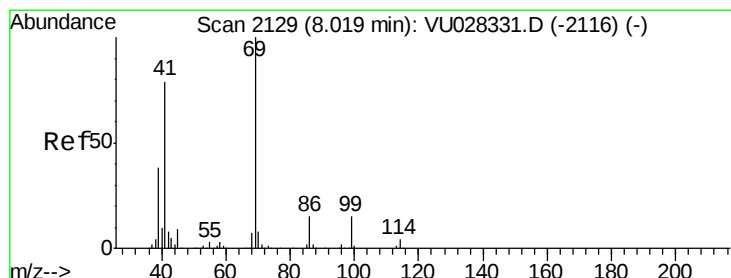
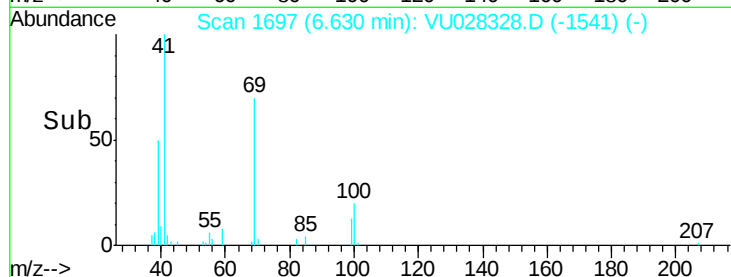
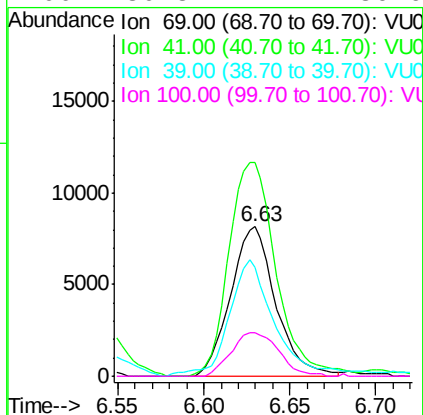
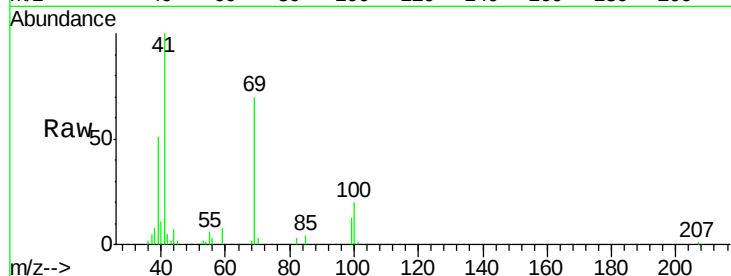
ClientSampleId :

VSTDIC001

Tgt Ion:	69	Resp:	14849
Ion	Ratio	Lower	Upper
69	100		
41	150.3	0.0	277.2
39	77.8	57.6	86.4
100	30.8	24.4	36.6

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#48

Ethyl methacrylate

Concen: 0.959 ug/l

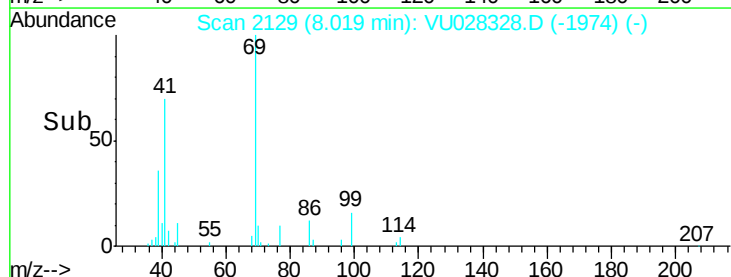
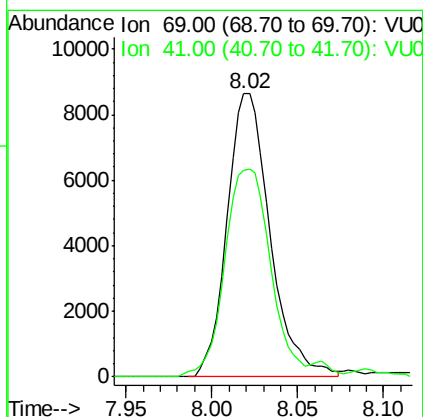
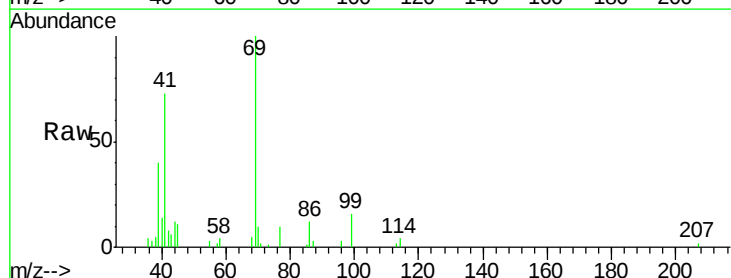
RT: 8.02 min Scan# 2129

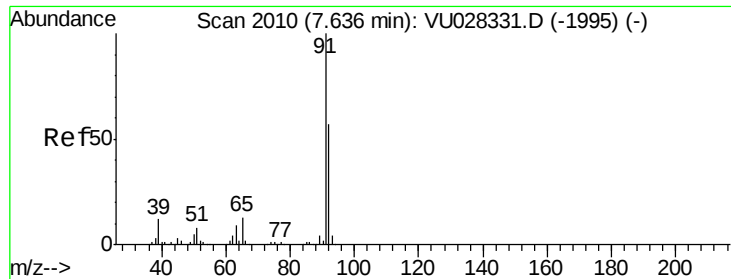
Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Tgt Ion:	69	Resp:	15030
Ion	Ratio	Lower	Upper
69	100		
41	77.4	39.4	118.2





#49

Toluene

Concen: 0.928 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 32586

Ion Ratio Lower Upper

92 100

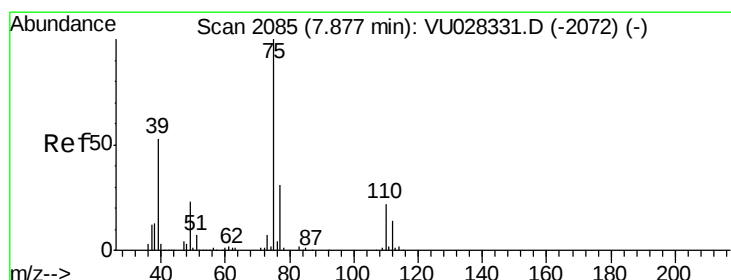
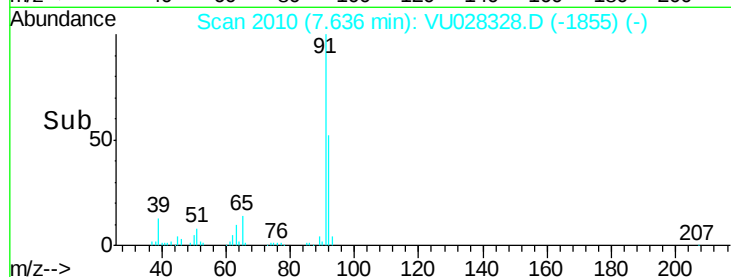
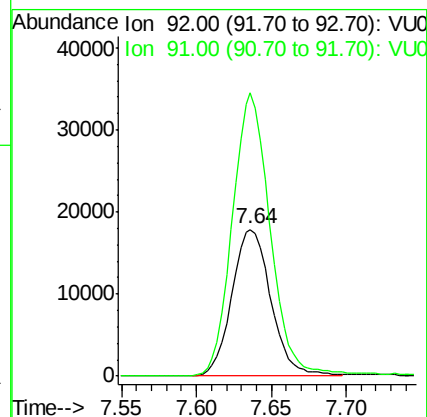
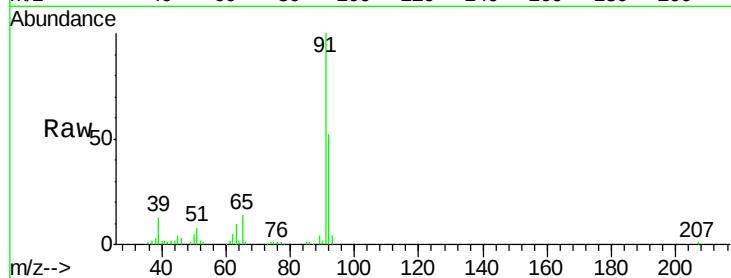
91 187.4 141.5 212.3

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 0.965 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU028328.D

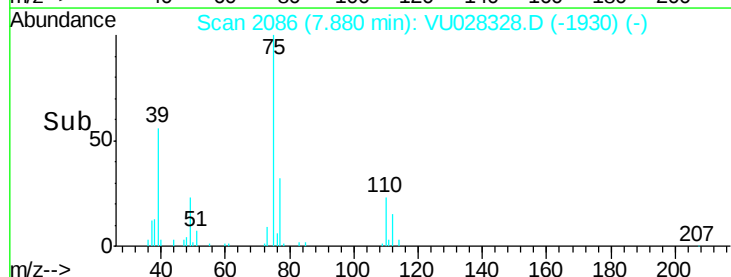
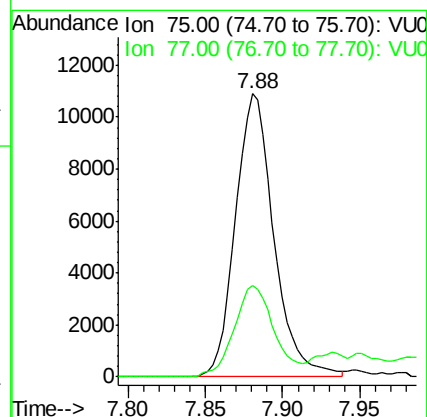
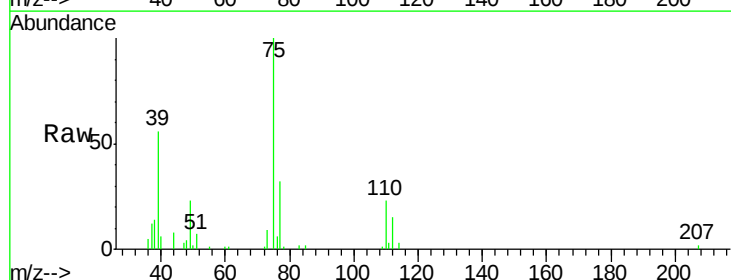
Acq: 26 Nov 2018 10:13

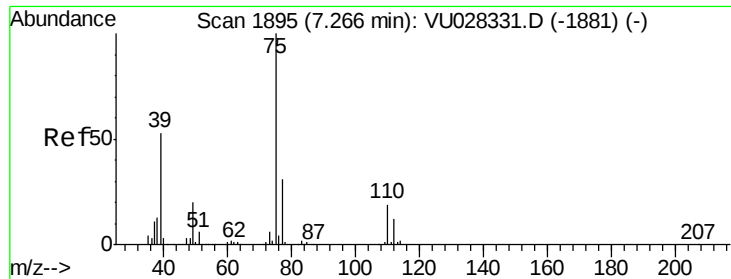
Tgt Ion: 75 Resp: 18773

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1





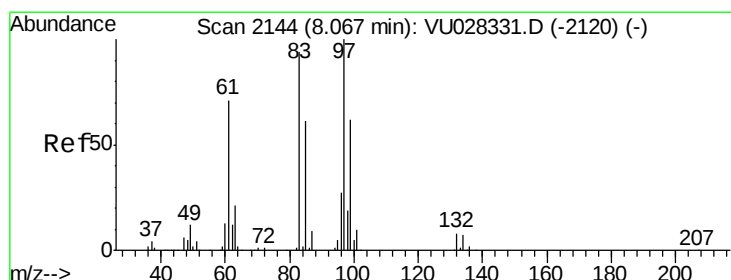
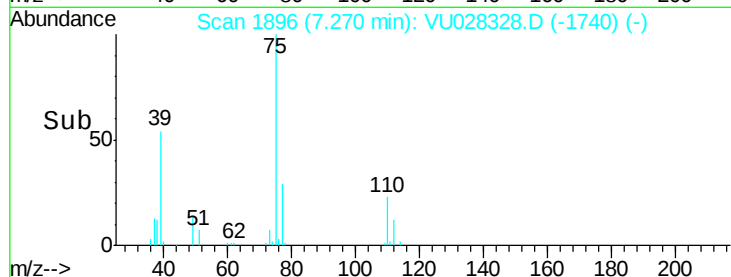
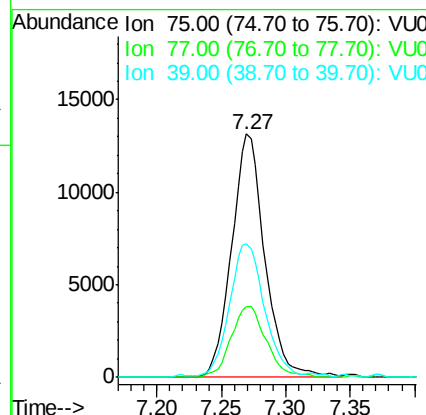
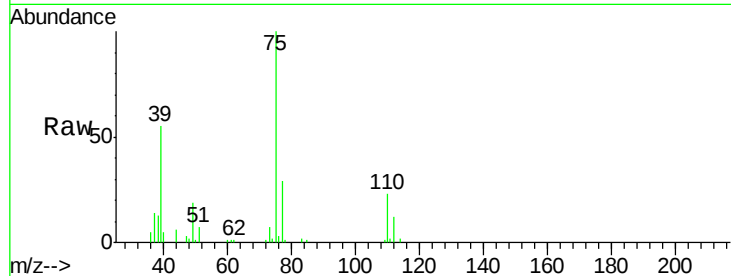
#51
 cis-1,3-Dichloropropene
 Concen: 0.977 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:	75	Resp:	23484
Ion	Ratio	Lower	Upper
75	100		
77	29.0	24.4	36.6
39	54.2	42.8	64.2

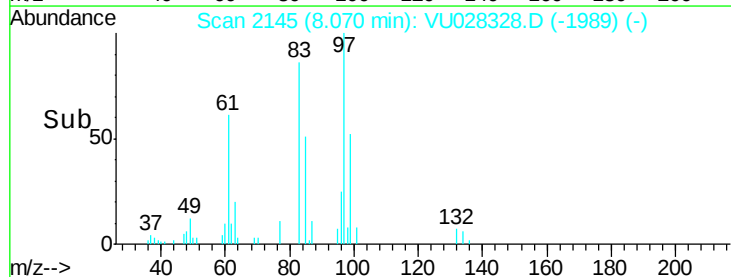
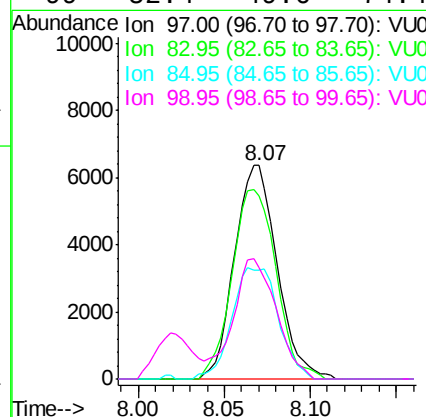
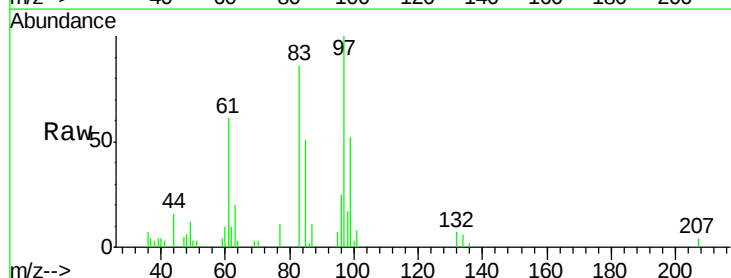
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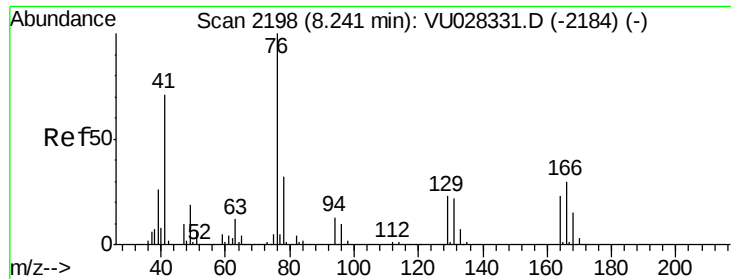
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#52
 1,1,2-Trichloroethane
 Concen: 1.018 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:	97	Resp:	10967
Ion	Ratio	Lower	Upper
97	100		
83	85.9	75.1	112.7
85	51.2	48.7	73.1
99	52.4	49.6	74.4





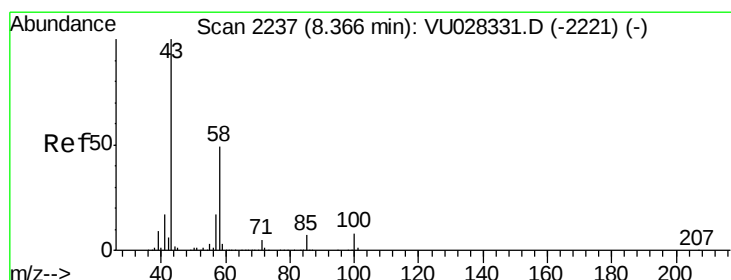
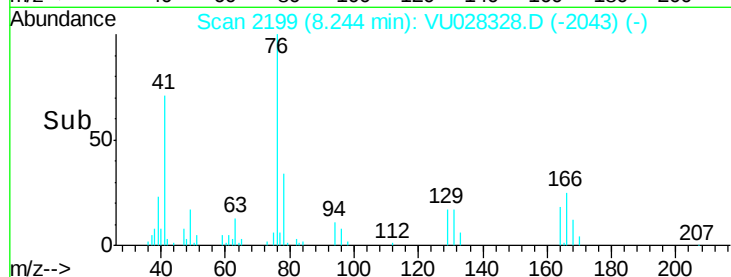
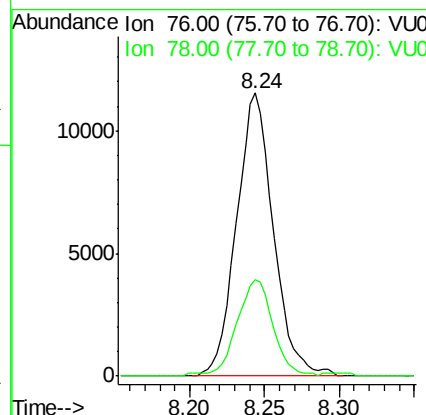
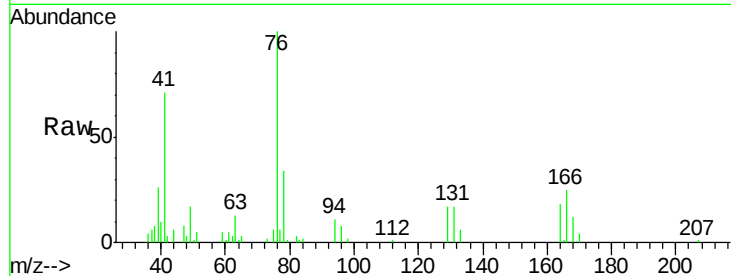
#53
 1,3-Dichloropropane
 Concen: 0.984 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 76 Resp: 19793
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.4 38.0

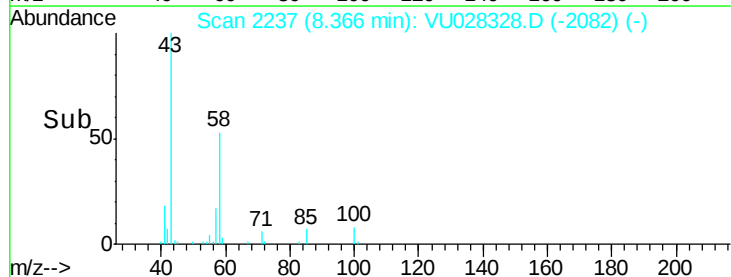
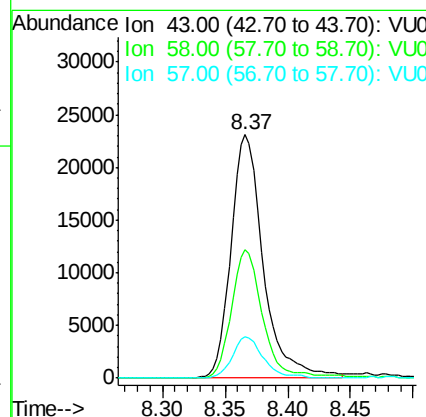
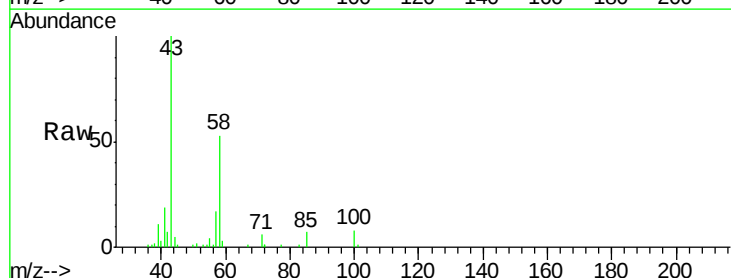
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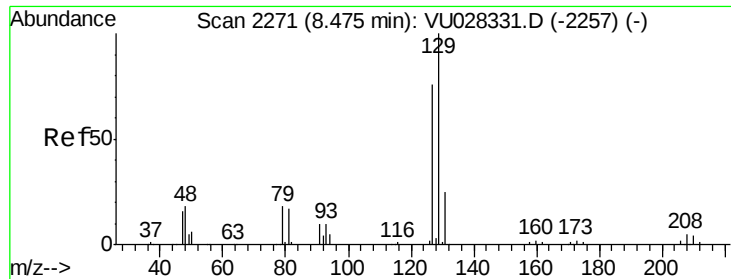
MMDadoda
 11/30/2018 2:33:32 PM



#54
 2-Hexanone
 Concen: 4.673 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 43 Resp: 41432
 Ion Ratio Lower Upper
 43 100
 58 51.3 29.3 69.3
 57 16.3 0.0 36.8





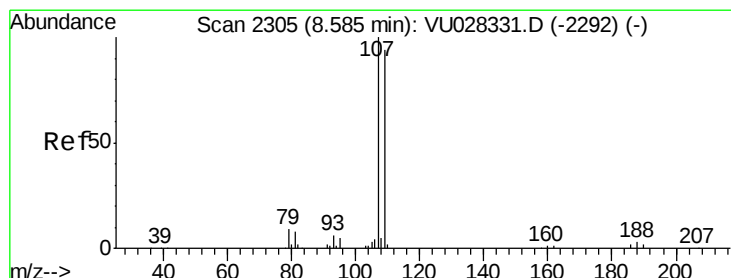
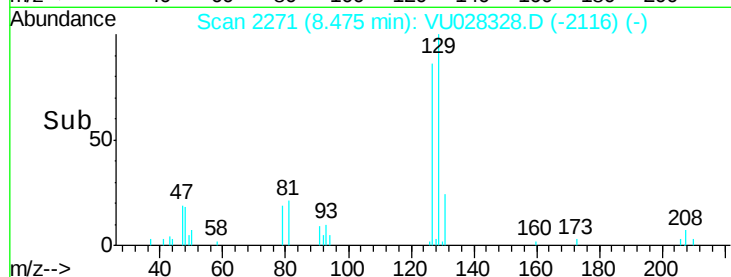
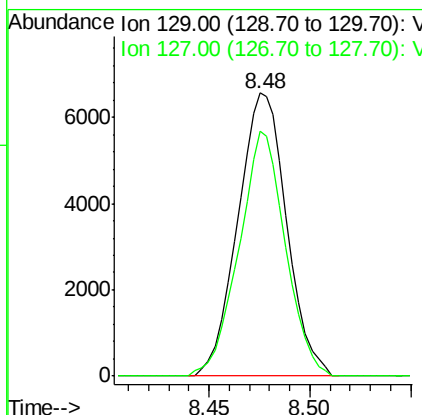
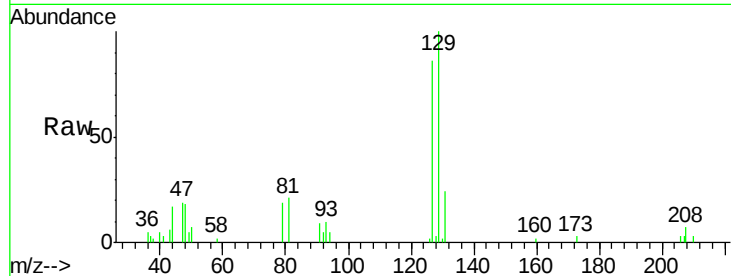
#55
 Dibromochloromethane
 Concen: 0.969 ug/l
 RT: 8.48 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:129 Resp: 11103
 Ion Ratio Lower Upper
 129 100
 127 82.0 61.0 91.4

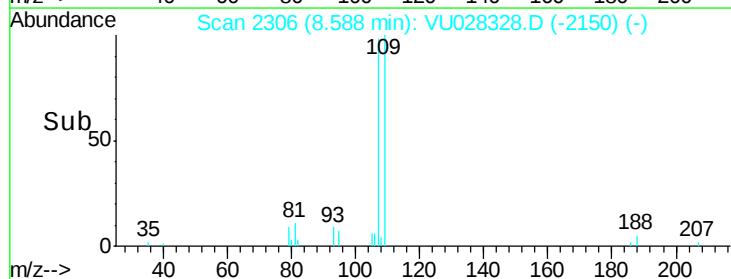
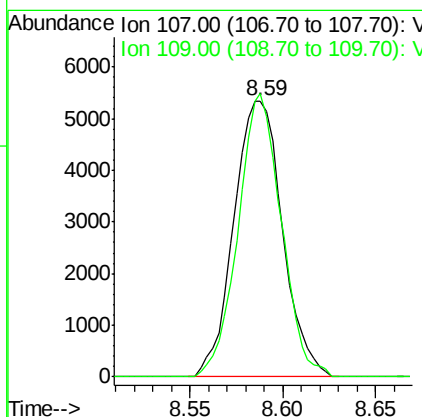
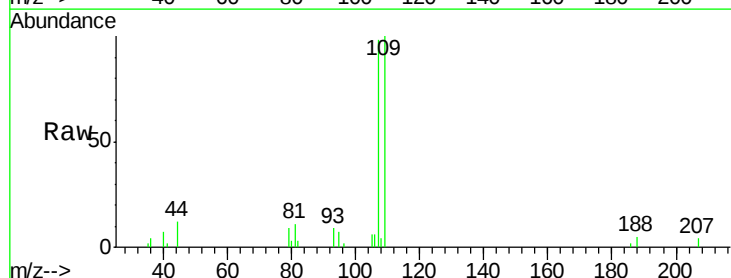
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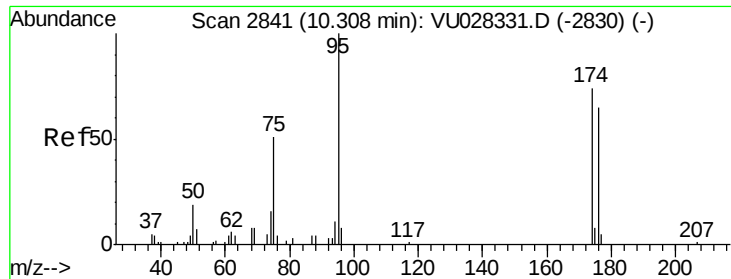
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 11/30/2018 2:33:32 PM



#56
 1,2-Dibromoethane
 Concen: 0.993 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:107 Resp: 9749
 Ion Ratio Lower Upper
 107 100
 109 91.1 0.0 187.8





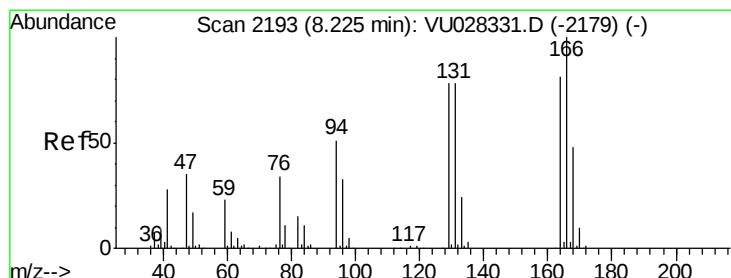
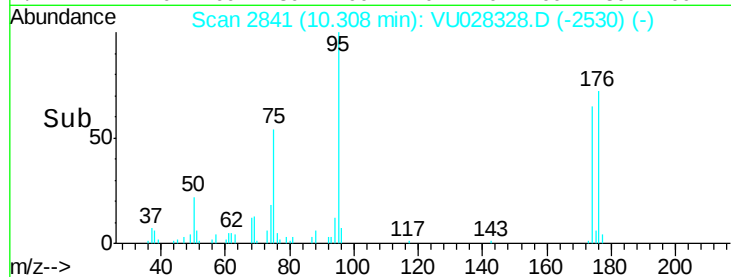
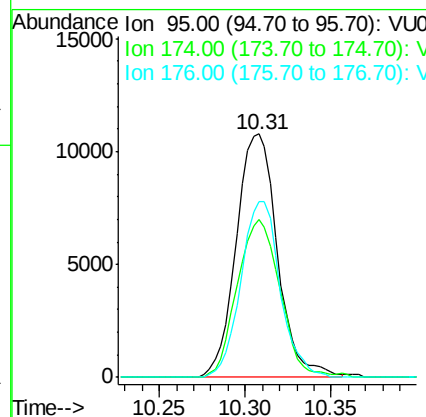
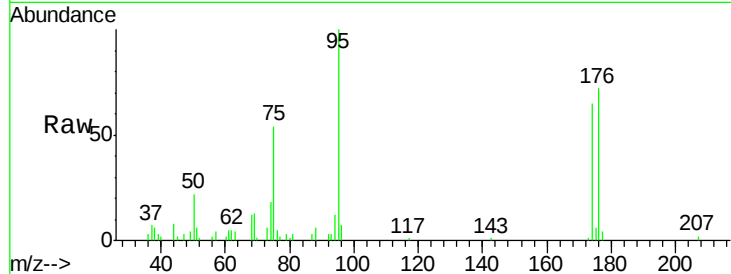
#57
4-Bromofluorobenzene
Concen: 0.993 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.6	59.3	88.9
176	68.8	54.3	81.5

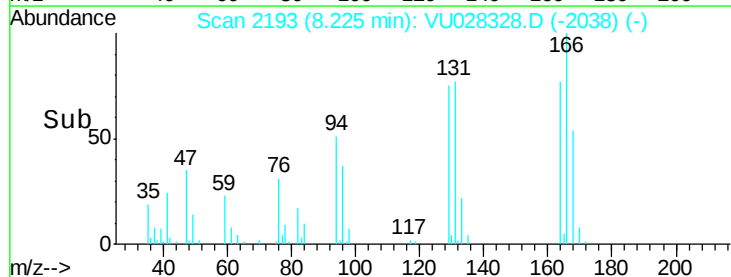
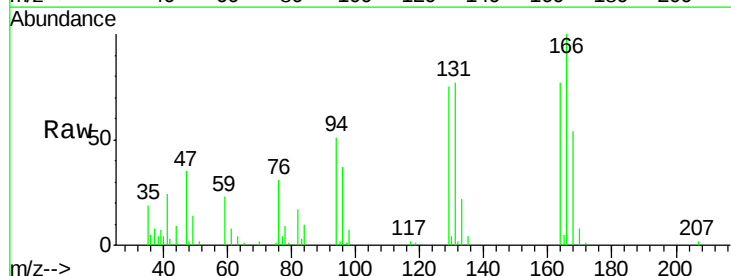
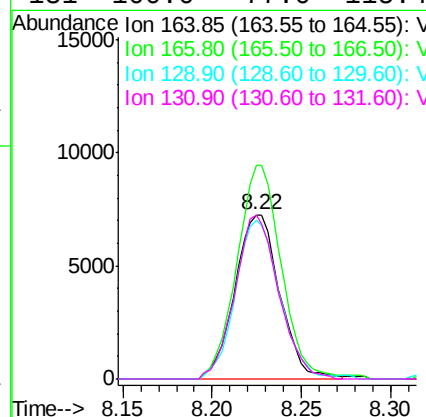
Manual Integrations
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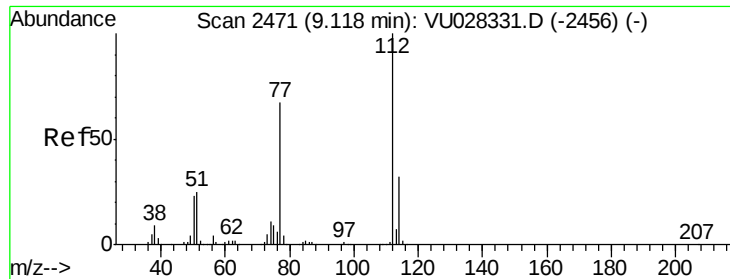
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#58
Tetrachloroethene
Concen: 1.009 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	98.6	148.0
129	97.2	77.0	115.4
131	100.0	77.0	115.4





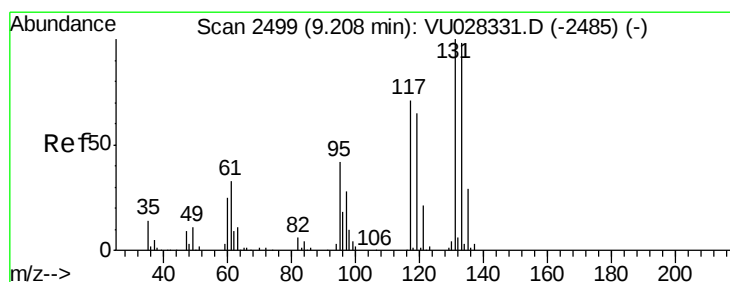
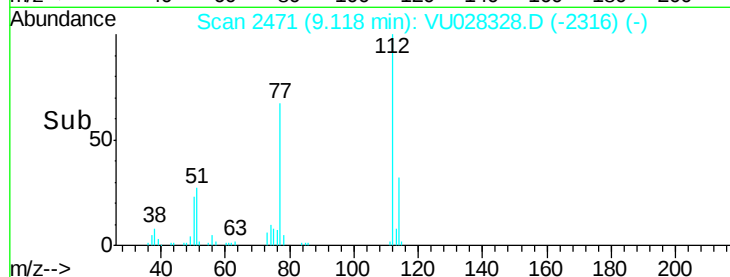
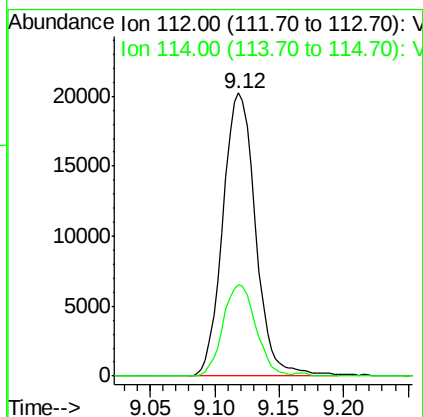
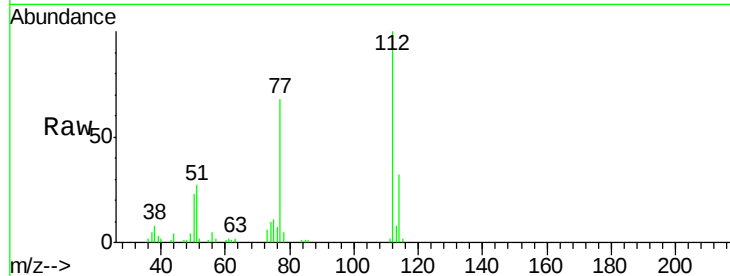
#59
Chlorobenzene
Concen: 0.976 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 35666
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8

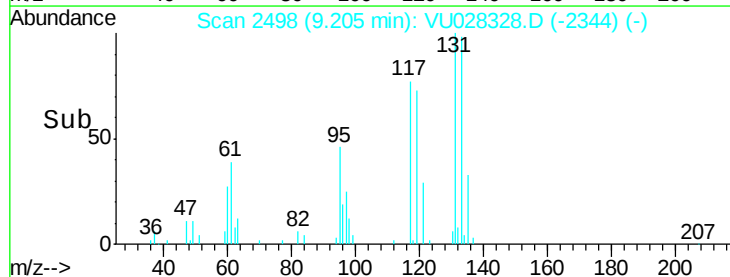
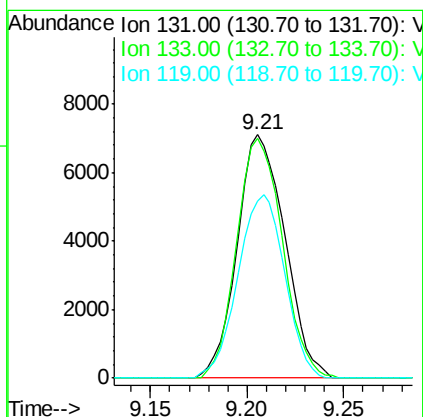
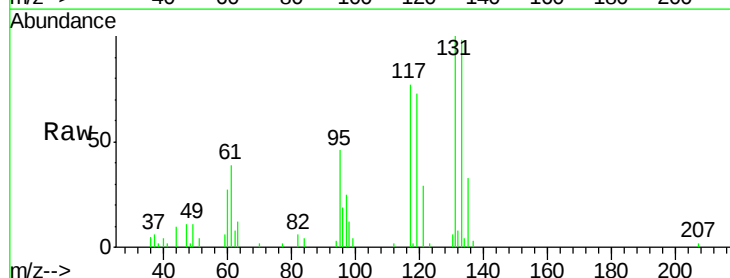
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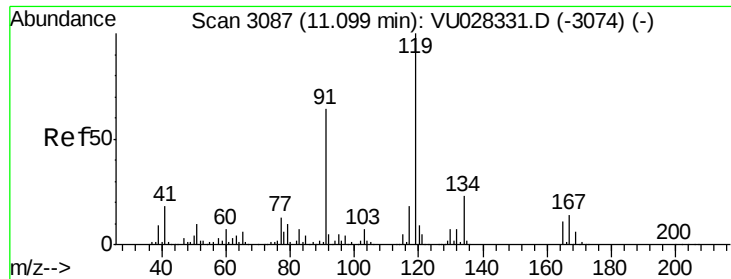
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#60
1,1,1,2-Tetrachloroethane
Concen: 0.986 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:131 Resp: 12206
Ion Ratio Lower Upper
131 100
133 94.6 77.7 116.5
119 74.0 54.3 81.5





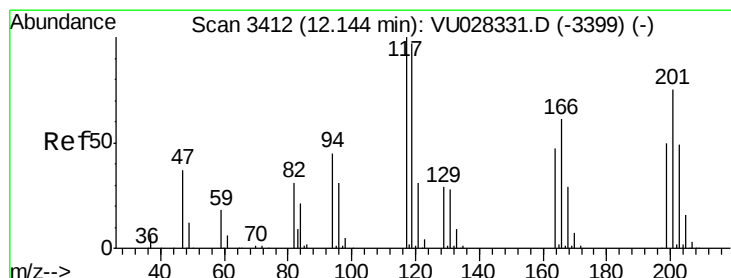
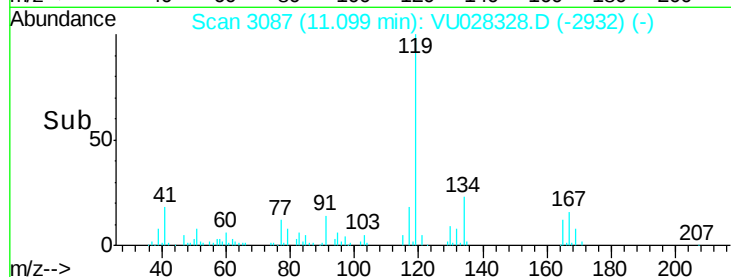
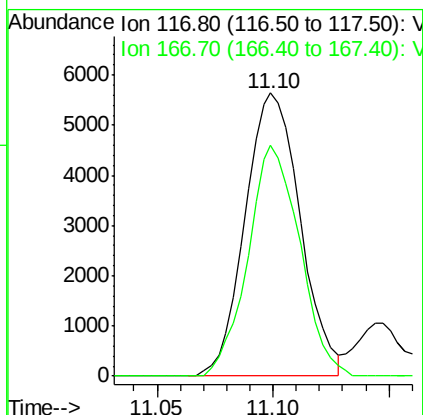
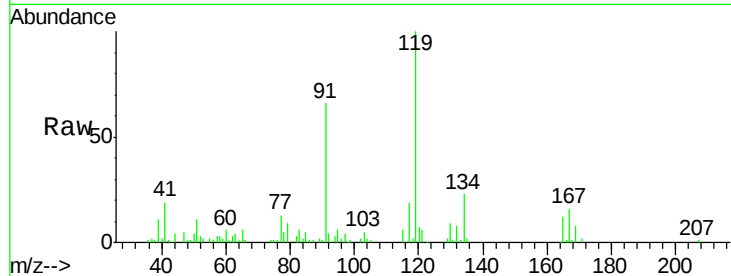
#61
 Pentachloroethane
 Concen: 0.968 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:117 Resp: 9326
 Ion Ratio Lower Upper
 117 100
 167 76.5 64.2 96.2

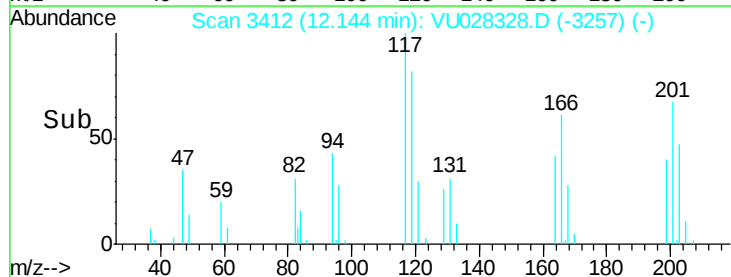
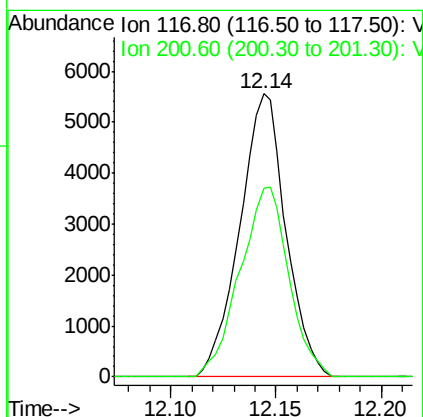
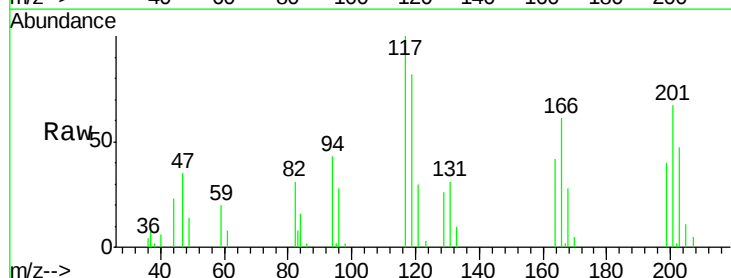
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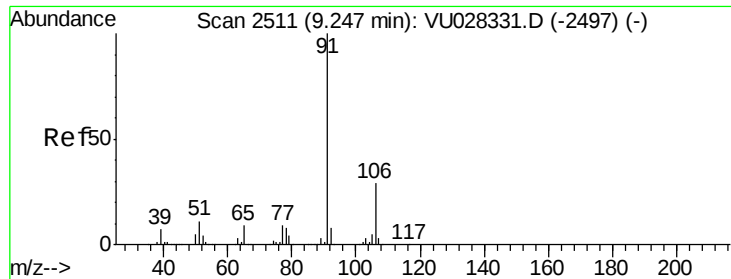
MMDadoda
 11/30/2018 2:33:32 PM



#62
 Hexachloroethane
 Concen: 0.935 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:117 Resp: 8439
 Ion Ratio Lower Upper
 117 100
 201 71.1 59.4 89.2





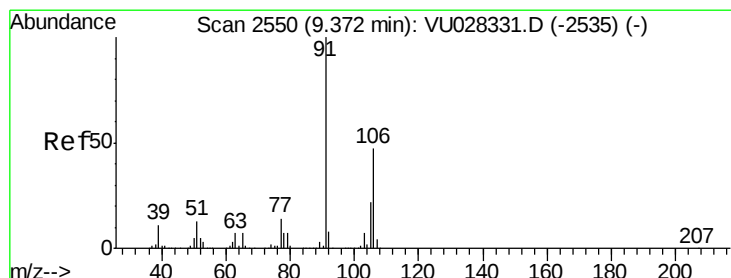
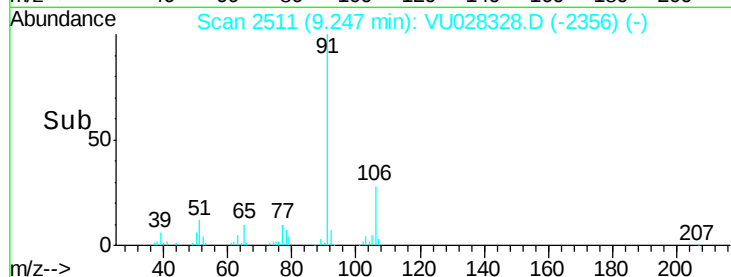
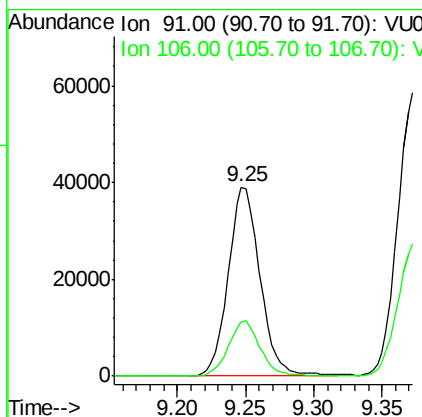
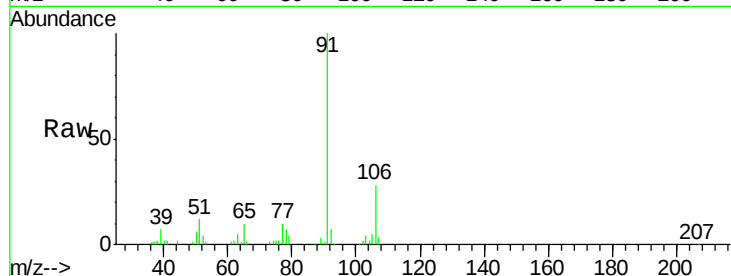
#63
Ethyl Benzene
Concen: 0.943 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 63530
Ion Ratio Lower Upper
91 100
106 28.5 23.4 35.2

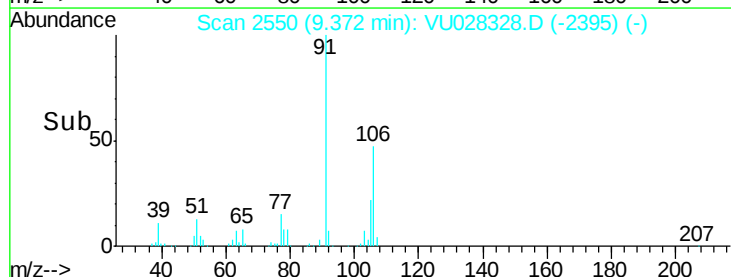
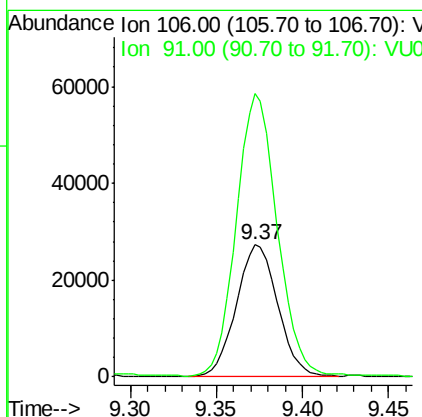
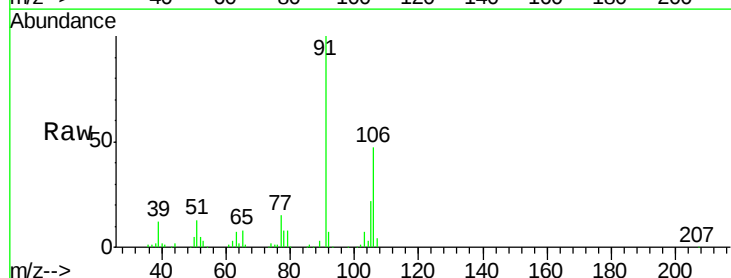
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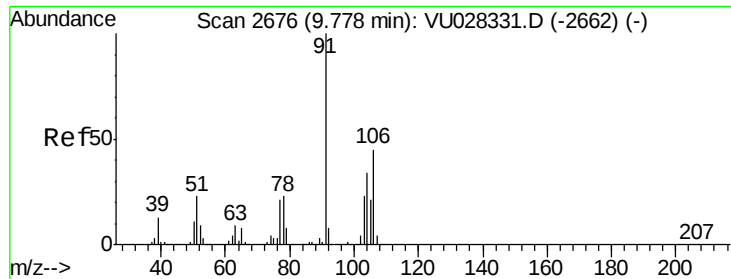
MMDadoda
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#64
m/p-Xylenes
Concen: 1.858 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 106 Resp: 45316
Ion Ratio Lower Upper
106 100
91 211.9 170.6 256.0





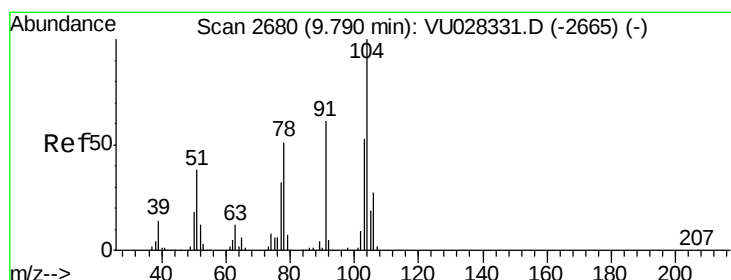
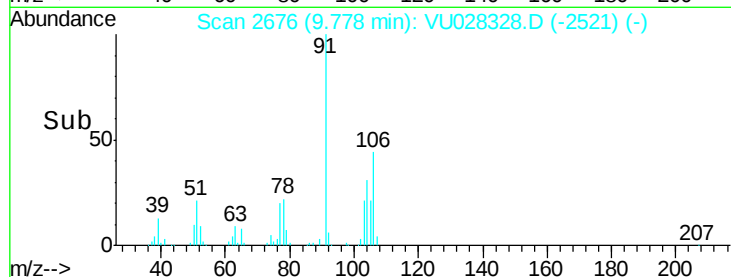
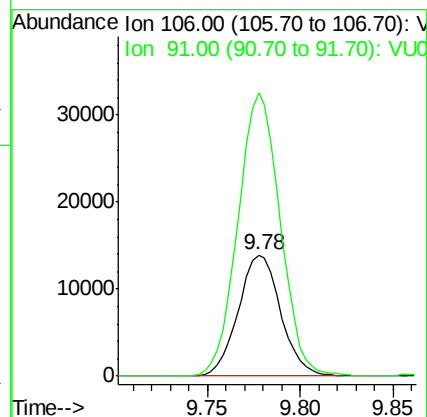
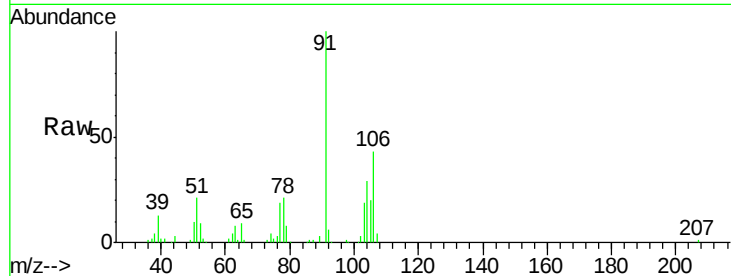
#65
o-Xylene
Concen: 0.939 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 22107
Ion Ratio Lower Upper
106 100
91 232.5 112.3 337.0

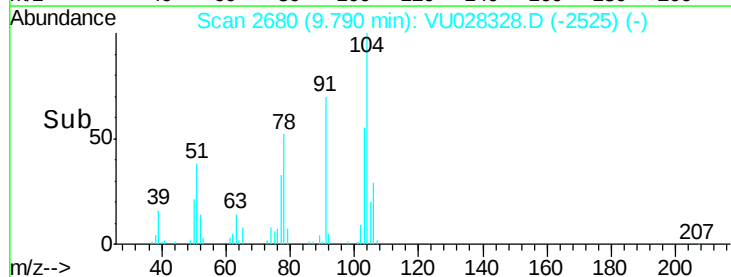
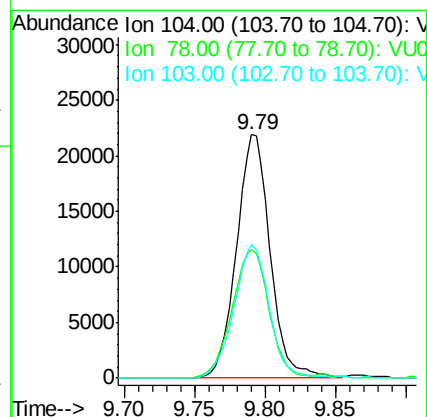
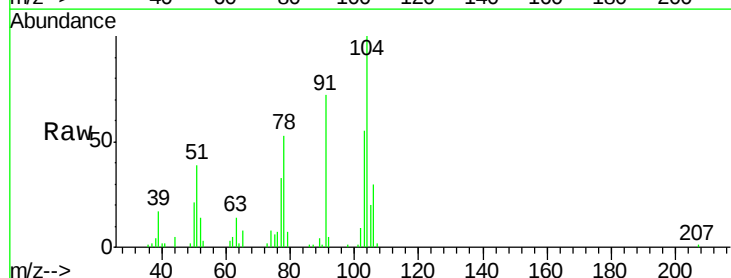
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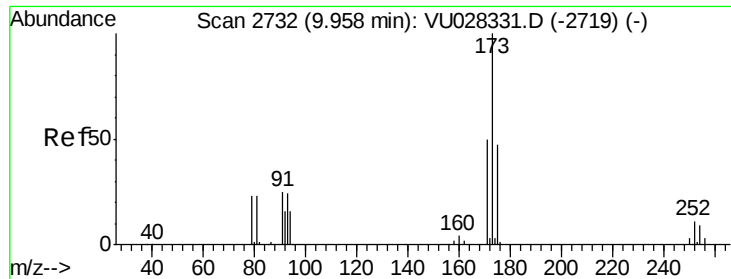
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#66
Styrene
Concen: 0.908 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:104 Resp: 36680
Ion Ratio Lower Upper
104 100
78 57.5 44.0 66.0
103 57.1 45.2 67.8





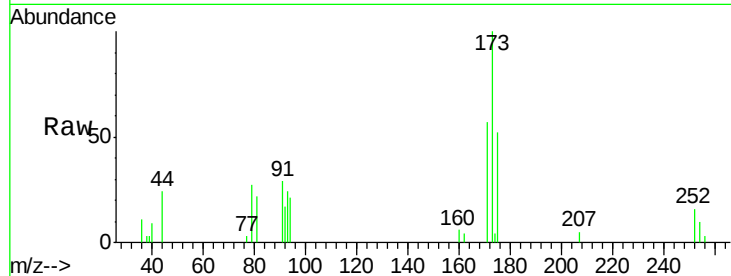
#67
Bromoform
Concen: 0.944 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

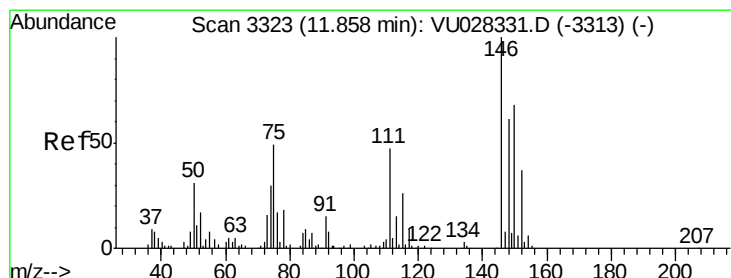
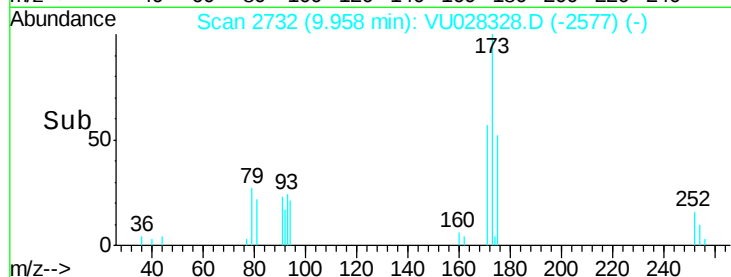
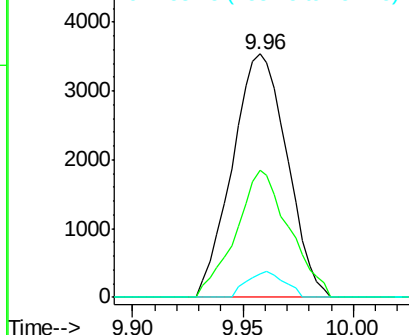
Tgt Ion:173 Resp: 6065
Ion Ratio Lower Upper
173 100
175 51.0 39.0 58.6
254 7.2 6.8 10.2

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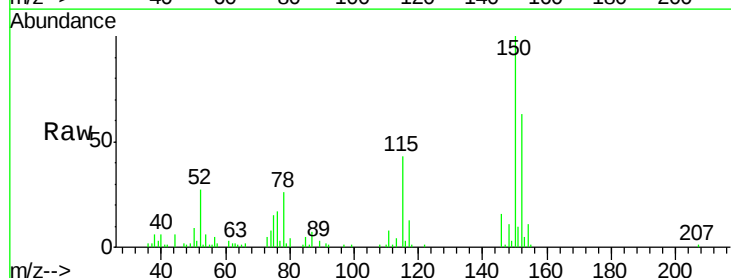


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

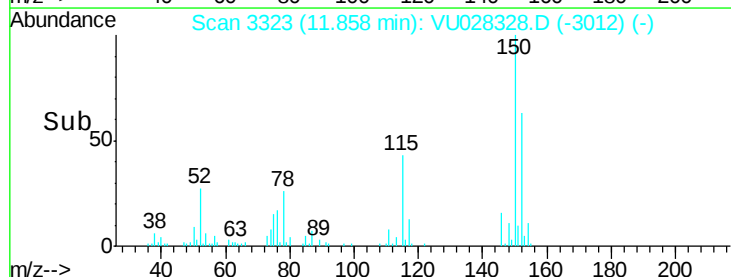
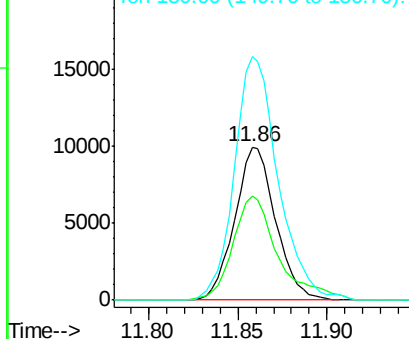


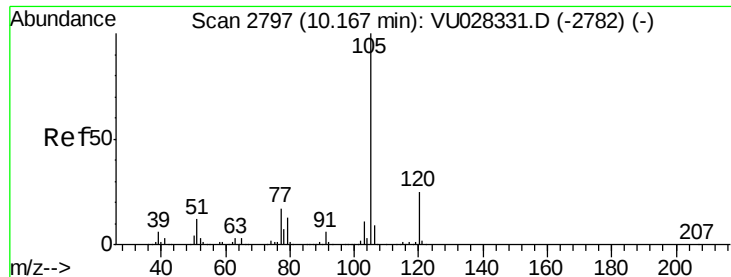
#68
1,2-Dichlorobenzene-d4
Concen: 0.944 ug/l
RT: 11.86 min Scan# 3323
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:152 Resp: 15861
Ion Ratio Lower Upper
152 100
115 74.8 0.0 146.8
150 170.7 0.0 653.2



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: 0.937 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 59074

Ion Ratio Lower Upper

105 100

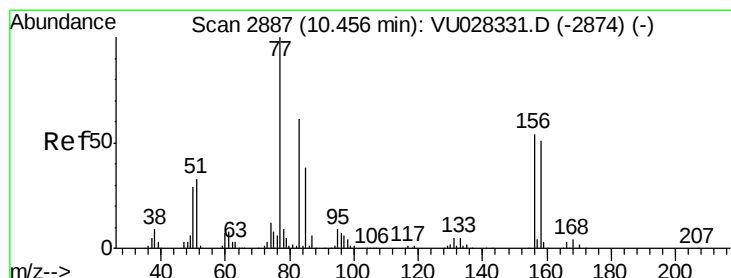
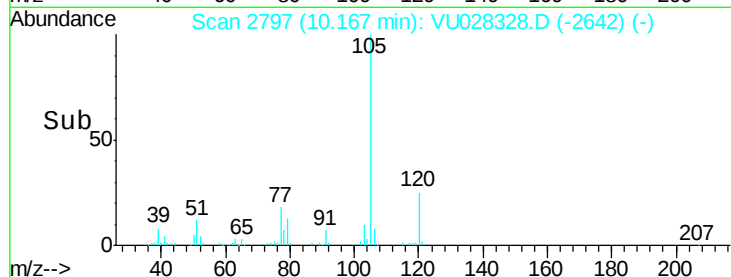
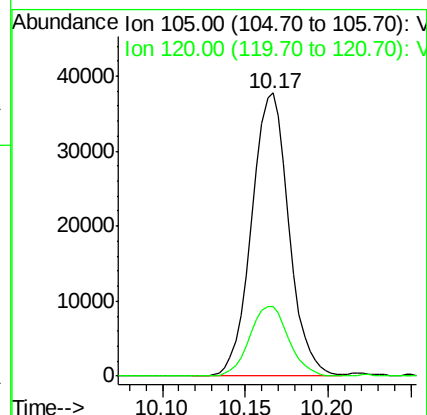
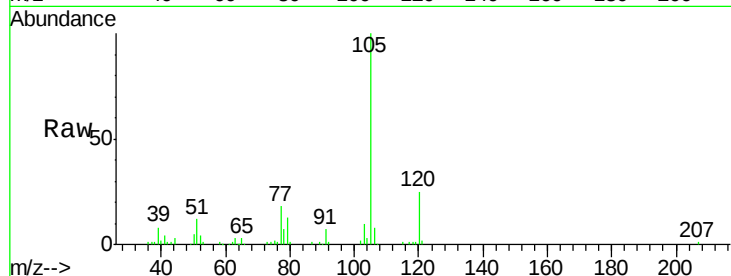
120 25.9 12.6 37.6

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#70

1,1,2,2-Tetrachloroethane

Concen: 0.995 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

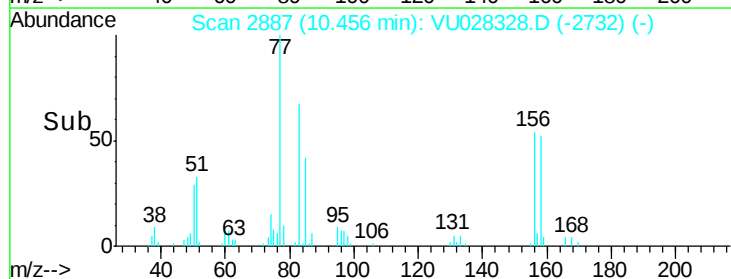
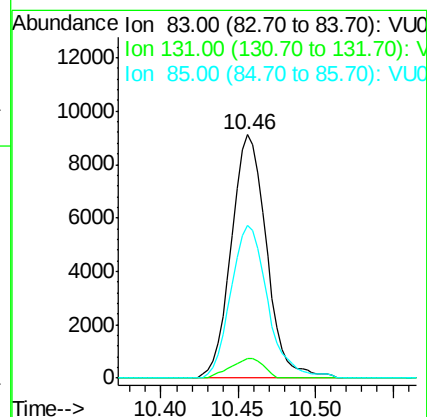
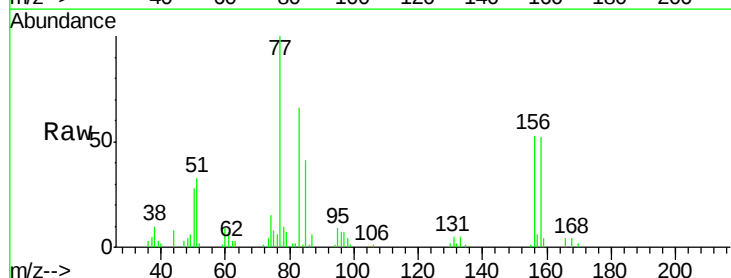
Tgt Ion: 83 Resp: 14374

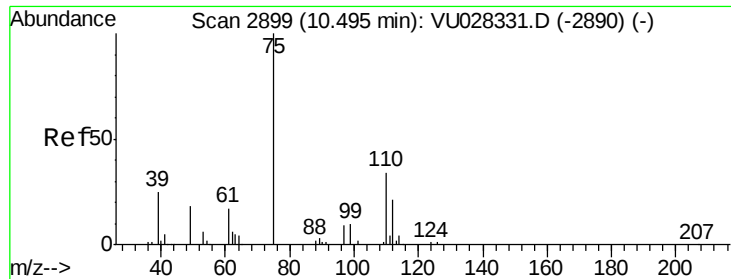
Ion Ratio Lower Upper

83 100

131 7.5 6.6 9.8

85 65.0 50.5 75.7





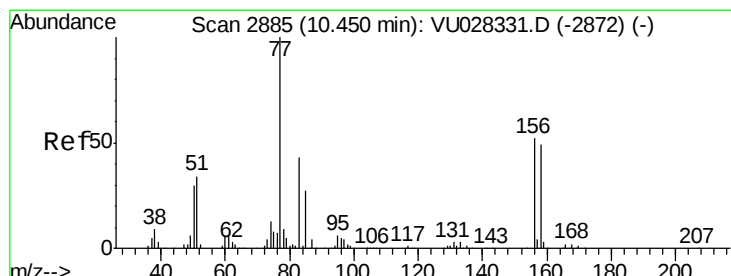
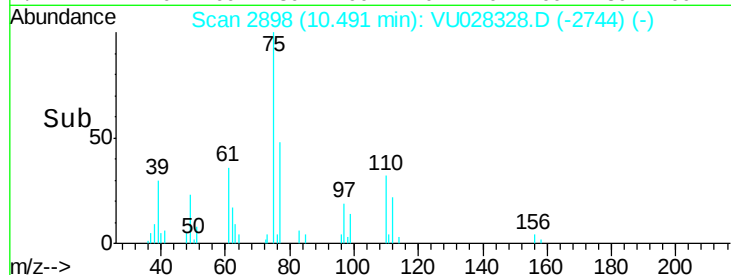
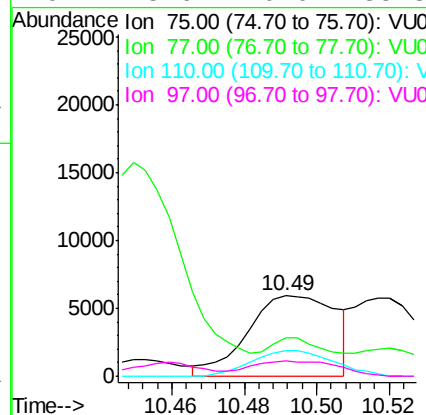
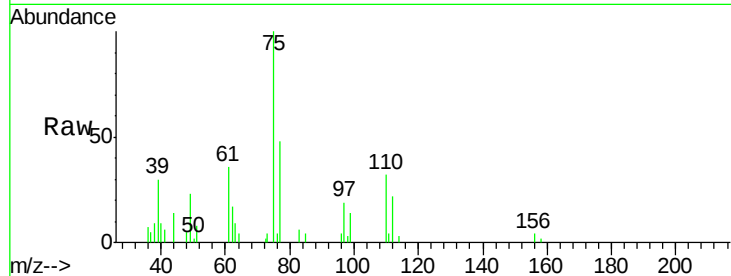
#71
 1,2,3-Trichloropropane
 Concen: 1.014 ug/l m
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
77	11.7	0.0	0.0#
110	29.4	0.0	67.6
97	18.6	0.0	35.8

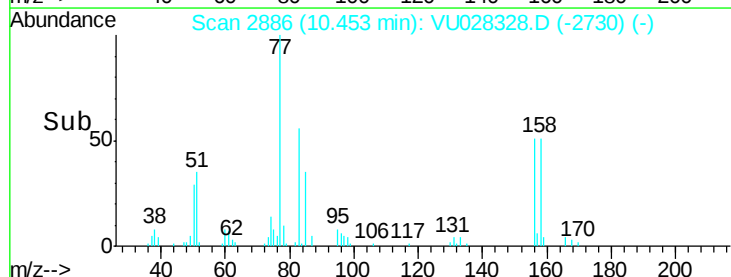
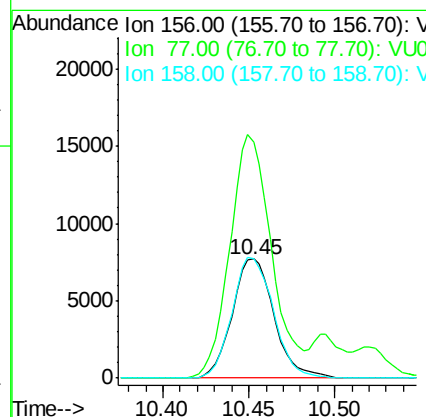
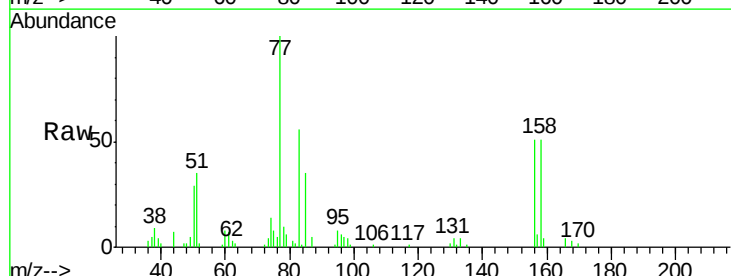
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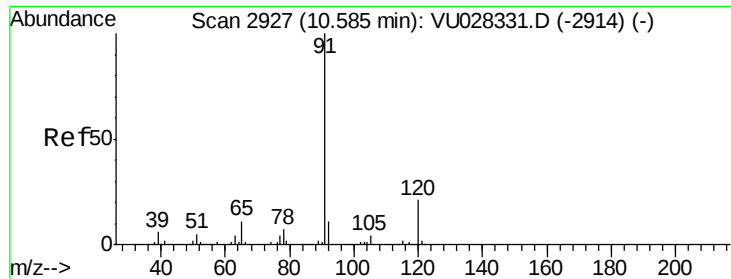
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#72
 Bromobenzene
 Concen: 0.936 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
156	100		
77	203.4	0.0	380.4
158	99.7	0.0	191.2





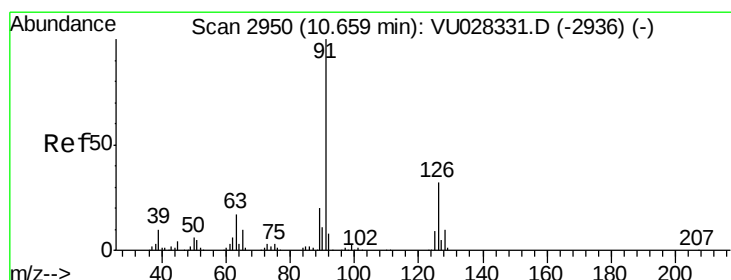
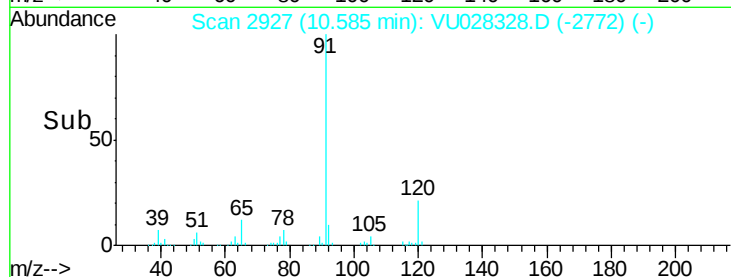
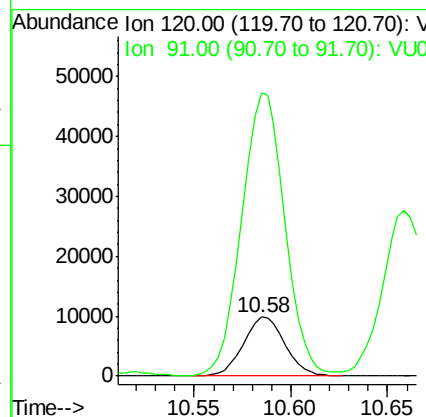
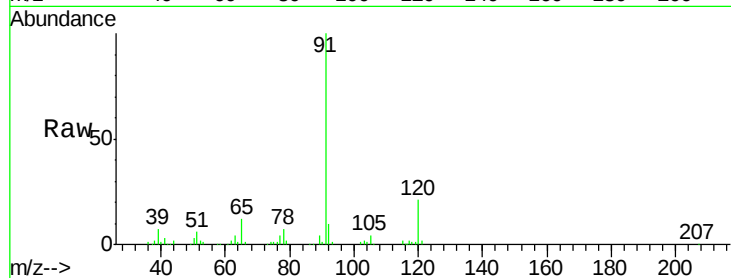
#73
n-propylbenzene
Concen: 0.908 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 14845
Ion Ratio Lower Upper
120 100
91 495.6 388.1 582.1

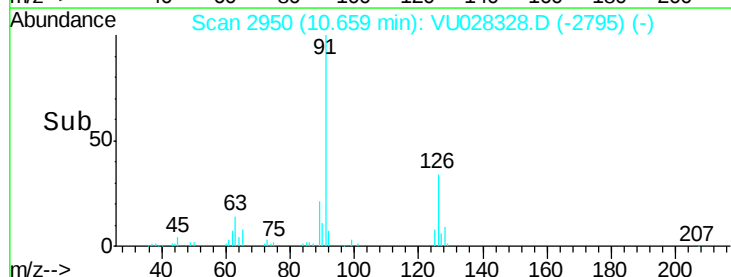
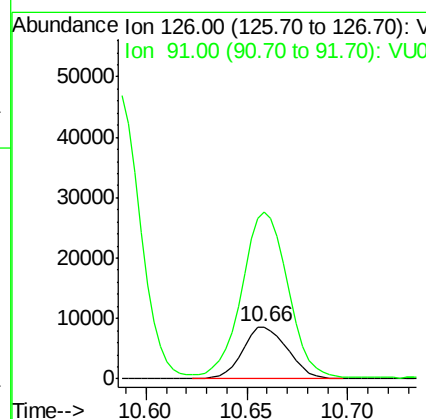
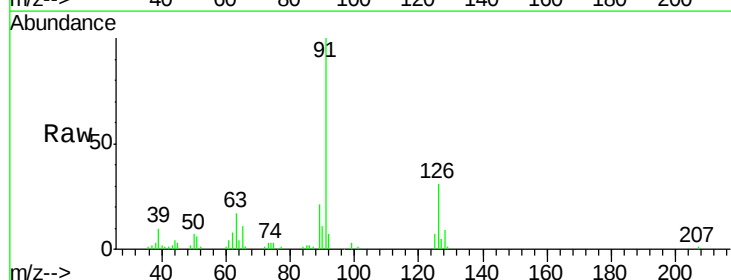
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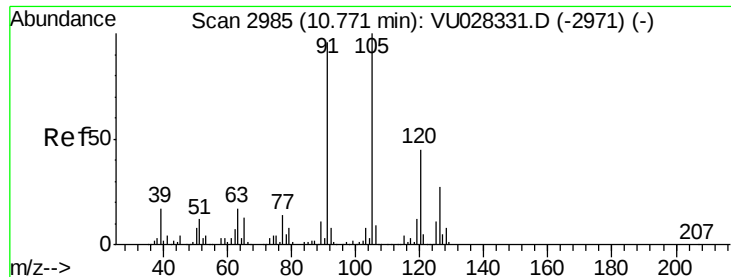
MMDadoda
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#74
2-Chlorotoluene
Concen: 0.940 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:126 Resp: 13459
Ion Ratio Lower Upper
126 100
91 324.1 0.0 661.0





#75

1,3,5-Trimethylbenzene

Concen: 0.904 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 47976

Ion Ratio Lower Upper

105 100

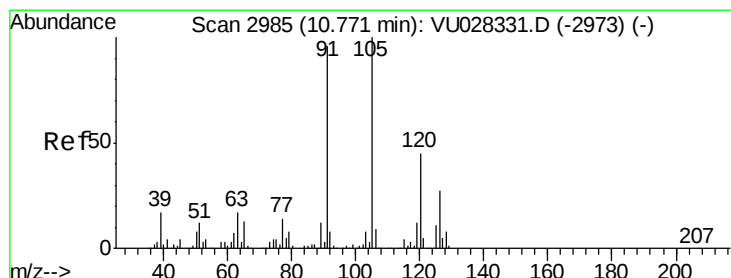
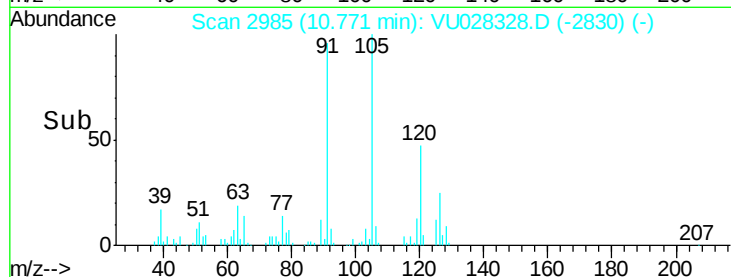
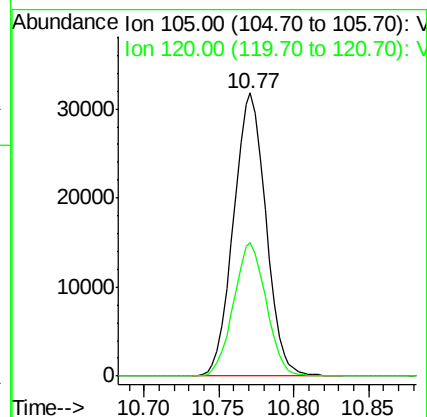
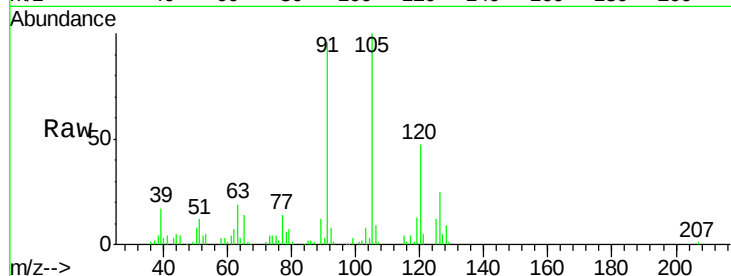
120 47.3 36.3 54.5

Manual Integrations

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#76

4-Chlorotoluene

Concen: 0.875 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028328.D

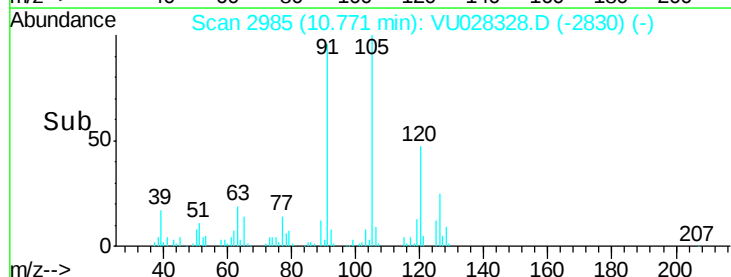
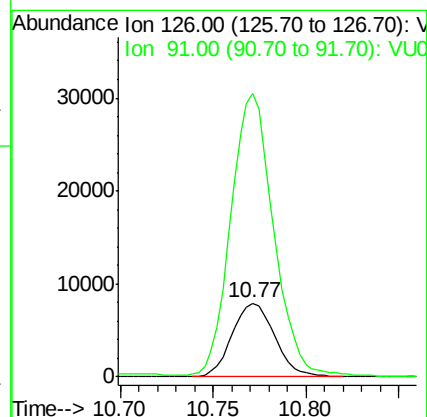
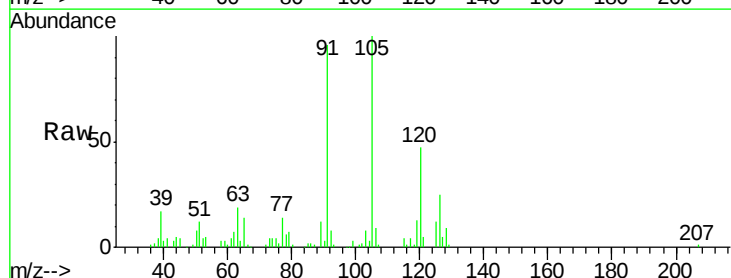
Acq: 26 Nov 2018 10:13

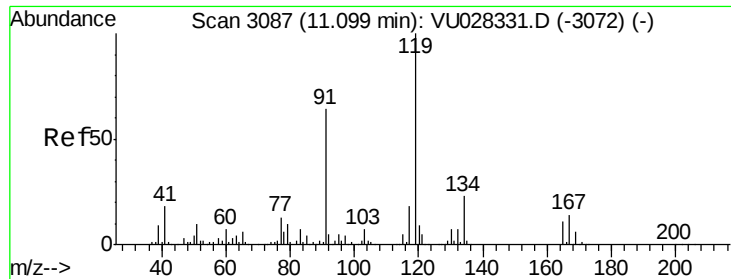
Tgt Ion:126 Resp: 12713

Ion Ratio Lower Upper

126 100

91 385.8 0.0 731.2





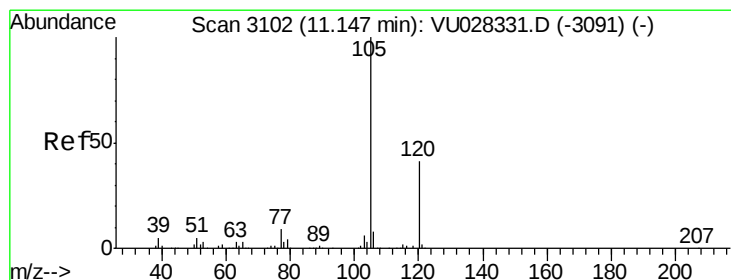
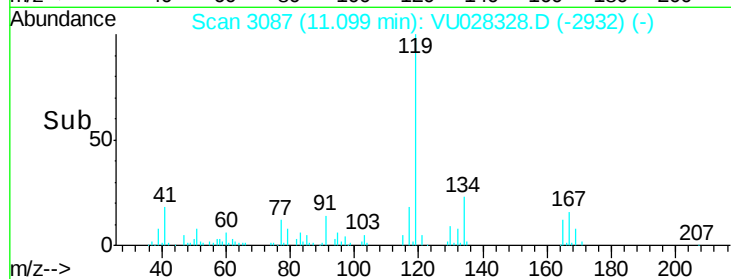
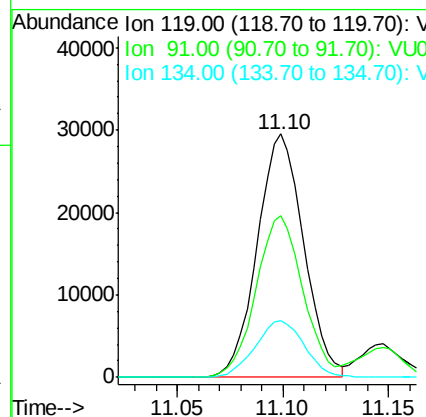
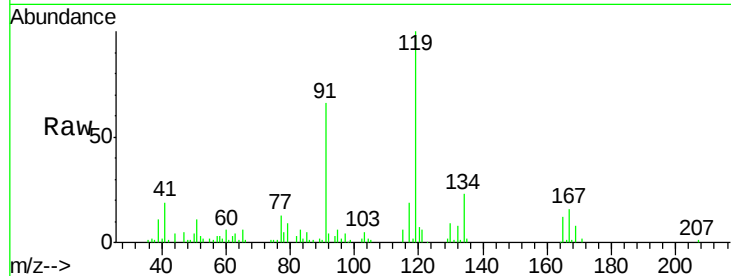
#77
 tert-Butylbenzene
 Concen: 0.906 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.6	32.0	96.0
134	24.5	17.9	26.9

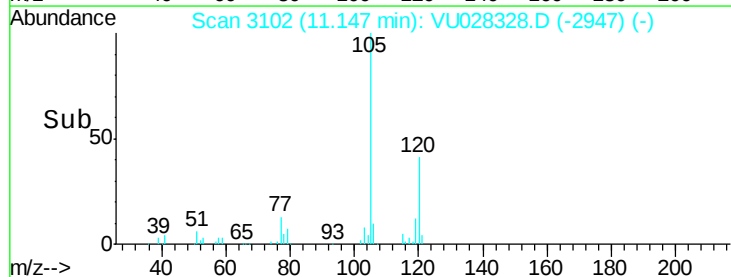
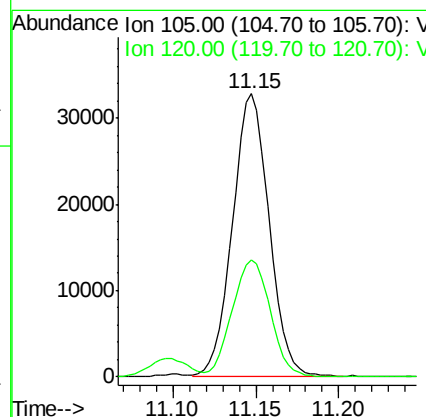
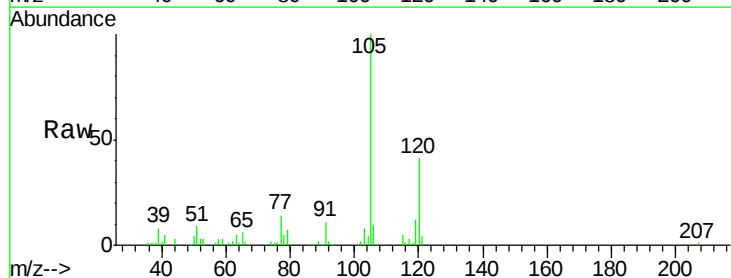
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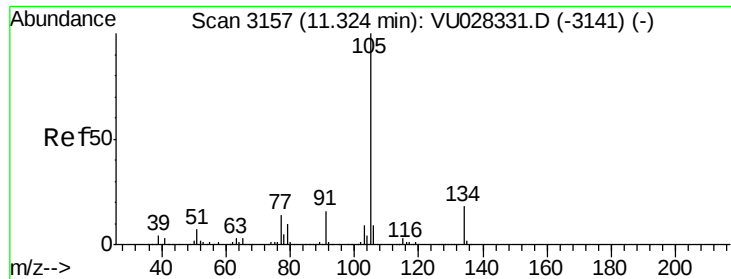
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#78
 1,2,4-Trimethylbenzene
 Concen: 0.928 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.9	65.8





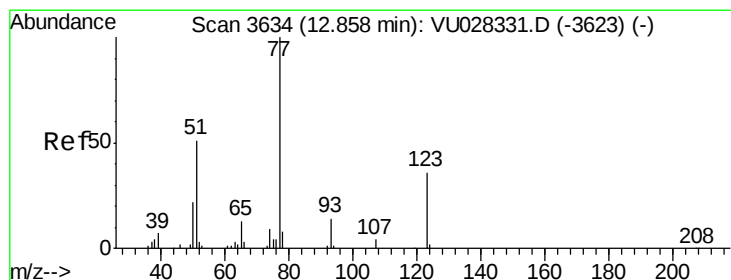
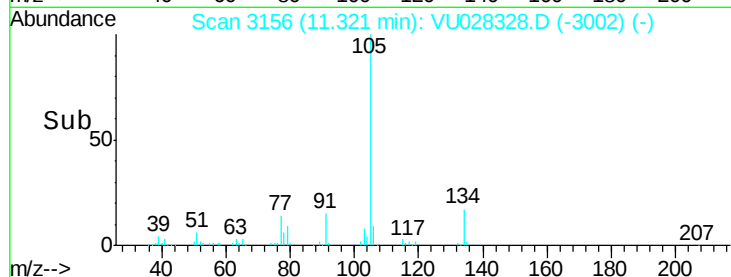
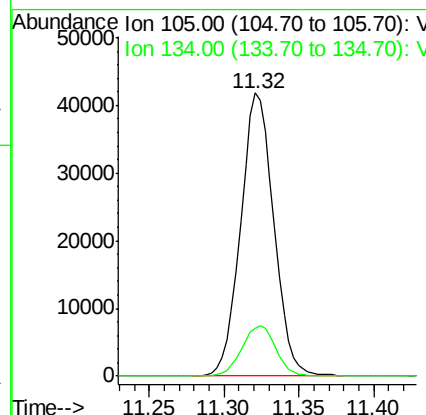
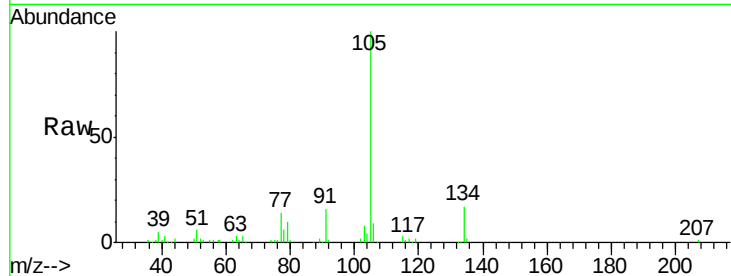
#79
 sec-Butylbenzene
 Concen: 0.926 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.6	22.0

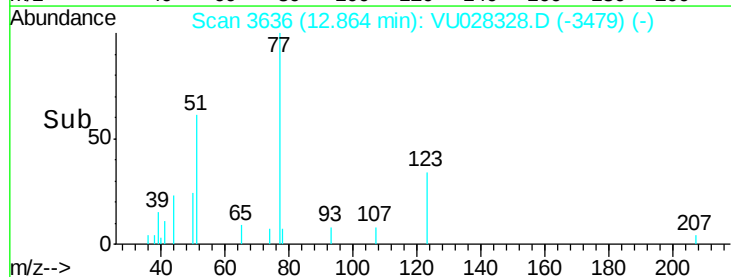
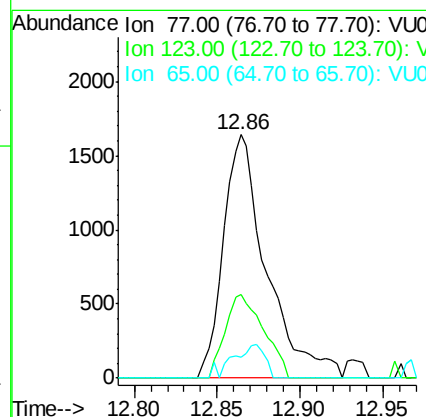
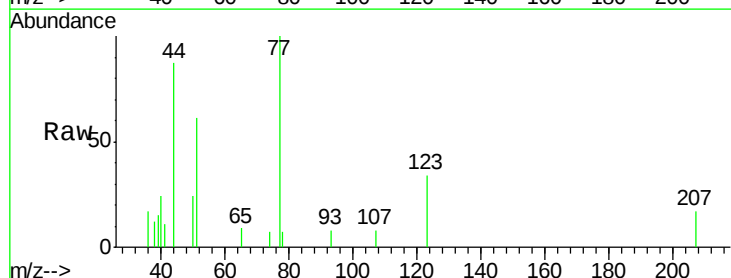
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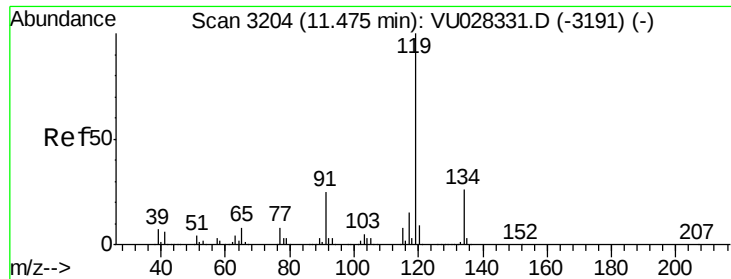
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#80
 Nitrobenzene
 Concen: 4.554 ug/l
 RT: 12.86 min Scan# 3636
 Delta R.T. 0.01 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.6	16.5	58.3
65	10.2	12.1	15.3





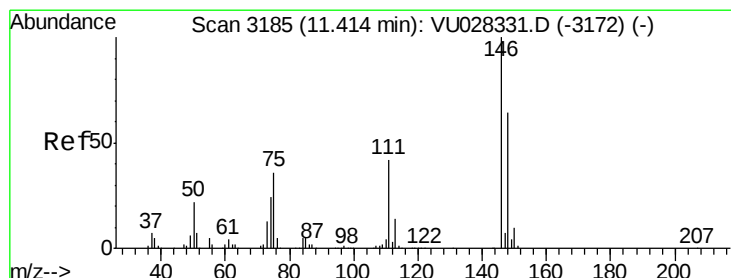
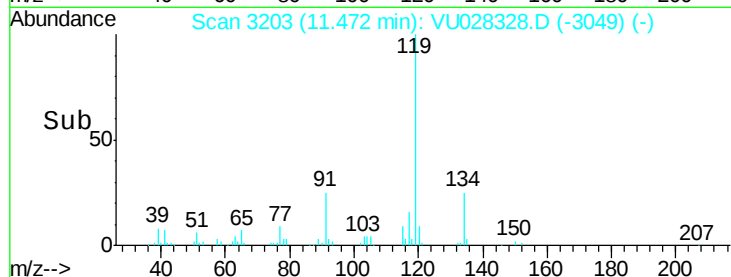
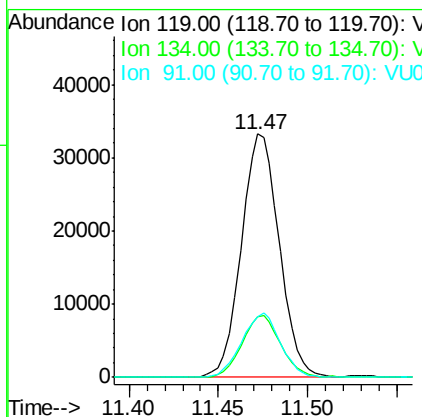
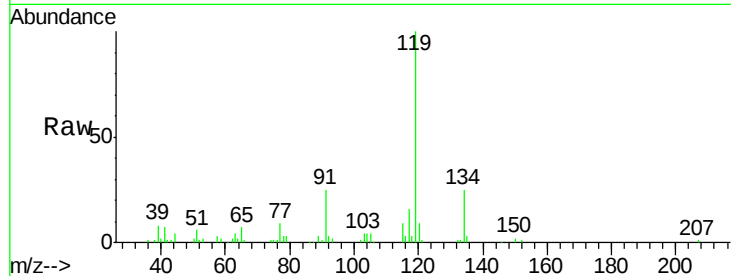
#81
p-Isopropyltoluene
Concen: 0.894 ug/l
RT: 11.47 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.3	30.5
91	26.9	20.0	30.0

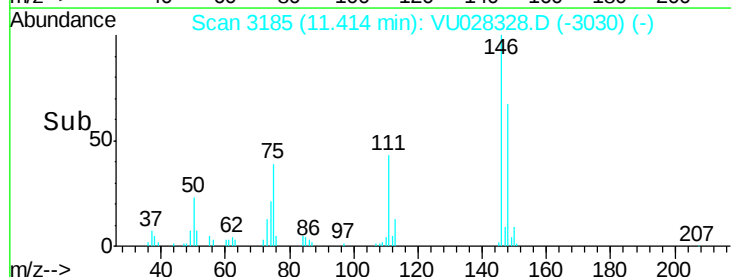
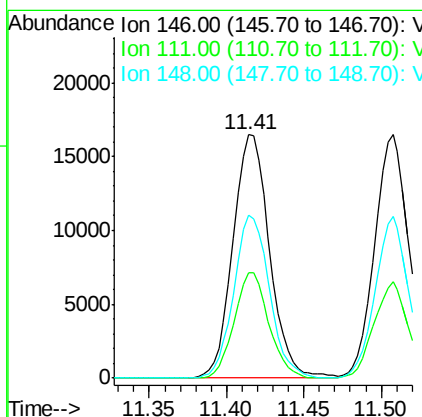
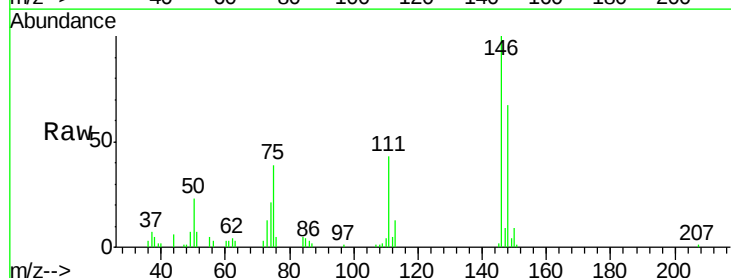
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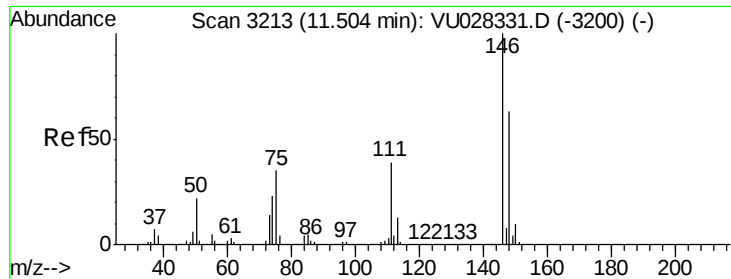
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#82
1,3-Dichlorobenzene
Concen: 0.968 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	33.4	50.2
148	65.1	51.2	76.8





#83

1,4-Dichlorobenzene

Concen: 0.929 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

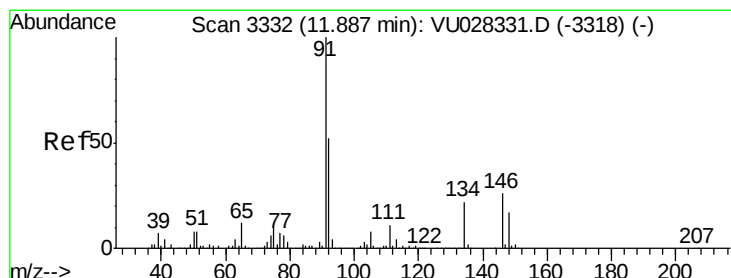
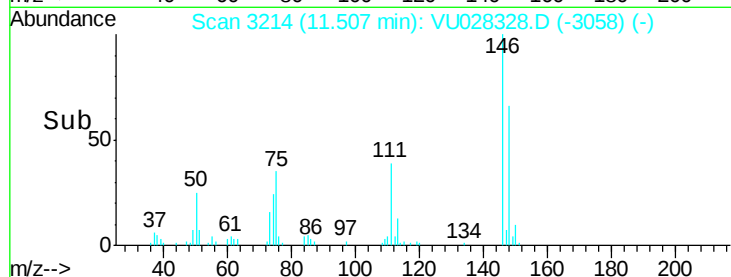
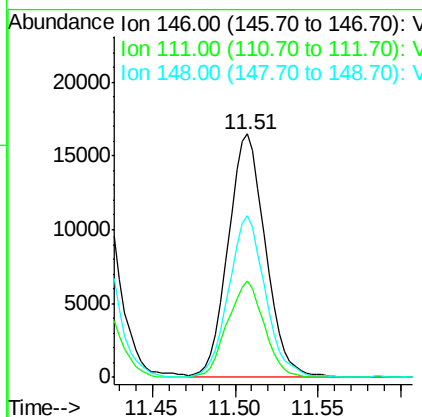
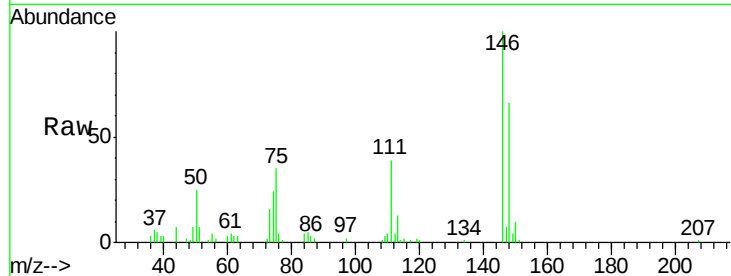
ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	25904
Ion Ratio	Lower	Upper	
146	100		
111	38.6	31.4	47.2
148	64.8	50.7	76.1

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#84

n-Butylbenzene

Concen: 0.883 ug/l

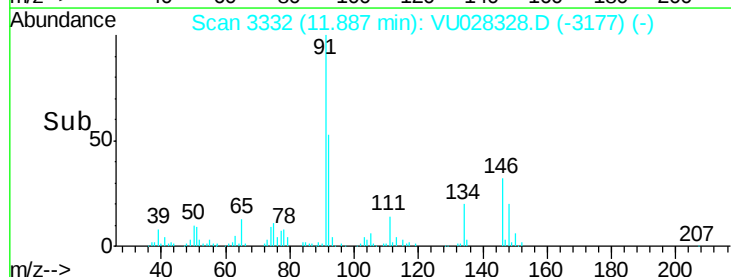
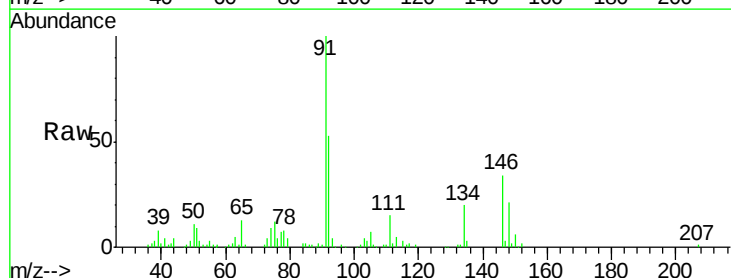
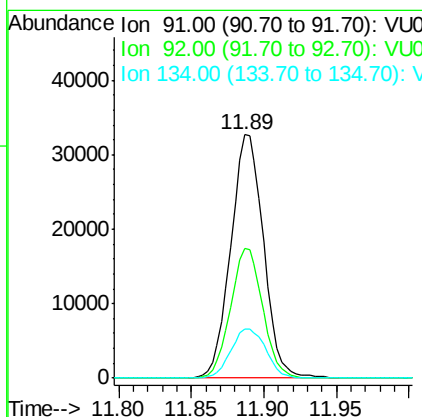
RT: 11.89 min Scan# 3332

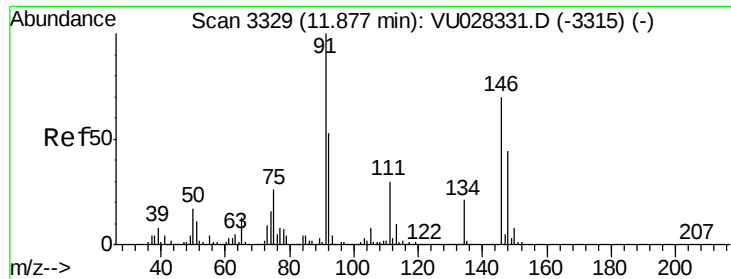
Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Tgt Ion:	91	Resp:	51265
Ion Ratio	Lower	Upper	
91	100		
92	52.1	41.6	62.4
134	21.4	17.8	26.6





#85

1,2-Dichlorobenzene

Concen: 0.964 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

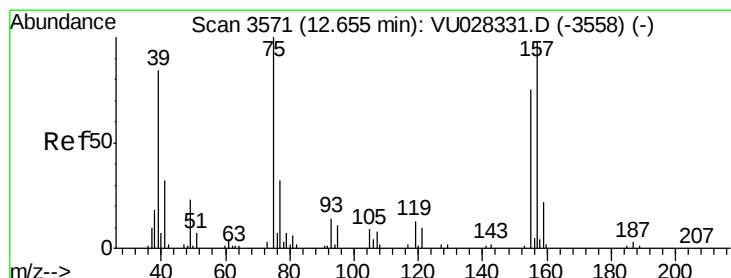
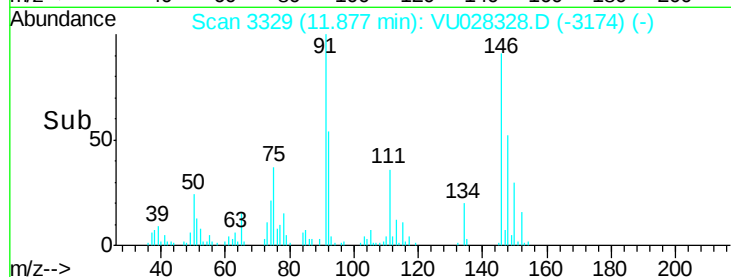
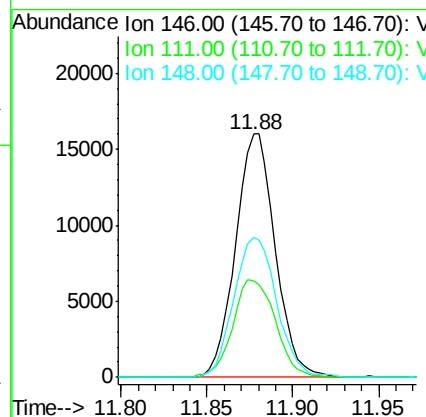
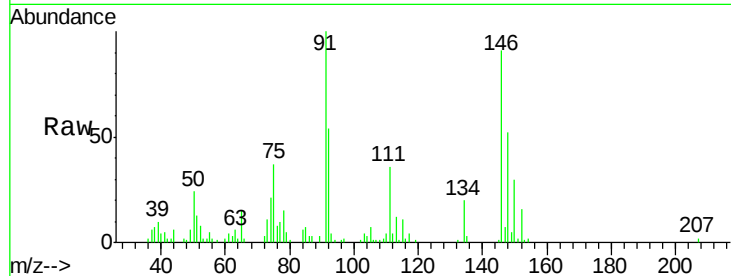
ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	25720
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.4	64.3
148	62.3	31.4	94.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 1.032 ug/l

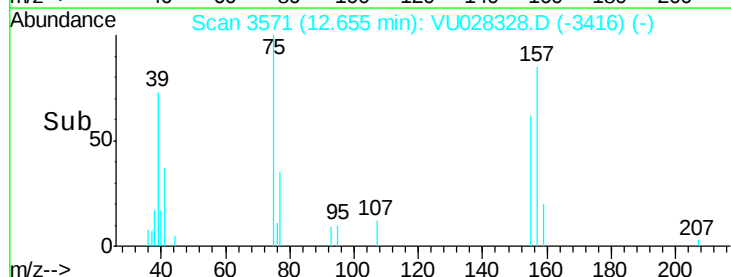
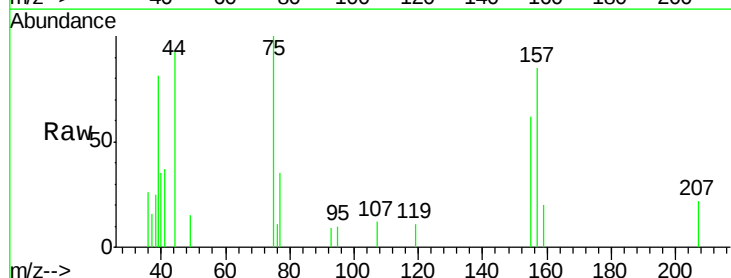
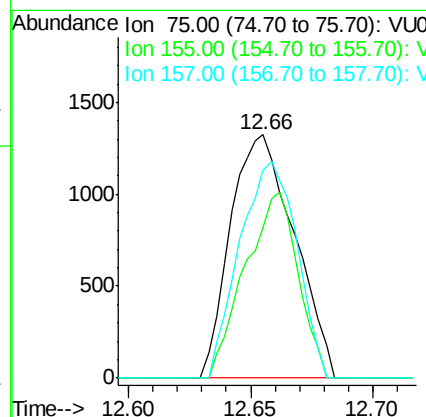
RT: 12.66 min Scan# 3571

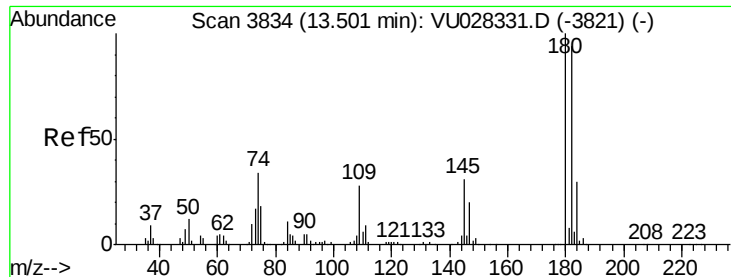
Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Tgt Ion:	75	Resp:	2400
Ion Ratio	Lower	Upper	
75	100		
155	63.2	57.0	85.4
157	79.8	75.4	113.2





#87

1,2,4-Trichlorobenzene

Concen: 0.860 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

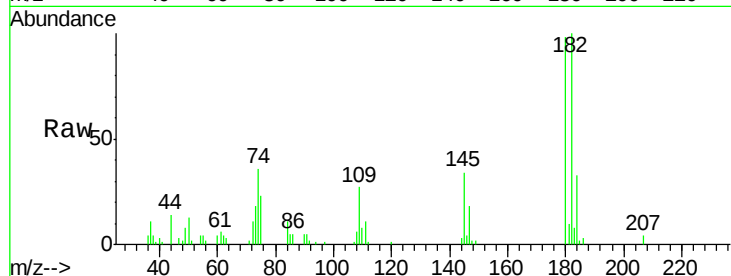
ClientSampleId :

VSTDIC001

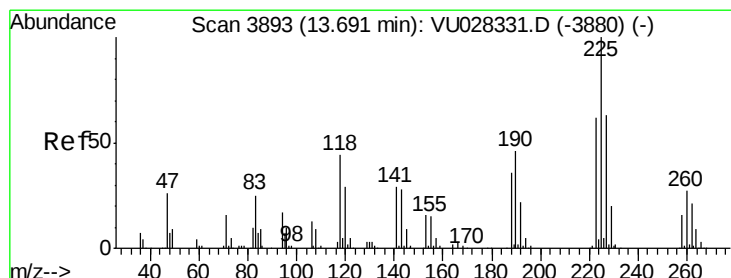
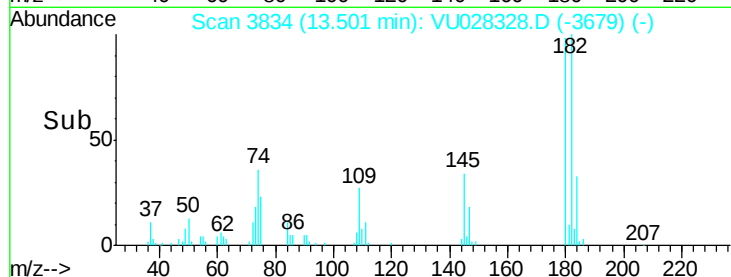
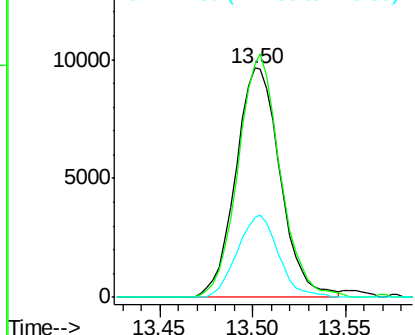
Tgt Ion:	180	Resp:	16130
Ion Ratio	Lower	Upper	
180	100		
182	100.4	75.6	113.4
145	33.1	24.4	36.6

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



#88

Hexachlorobutadiene

Concen: 0.963 ug/l

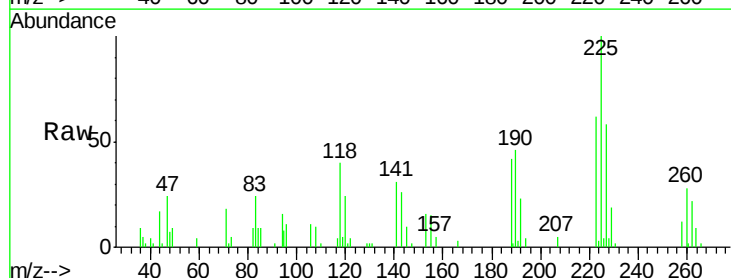
RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

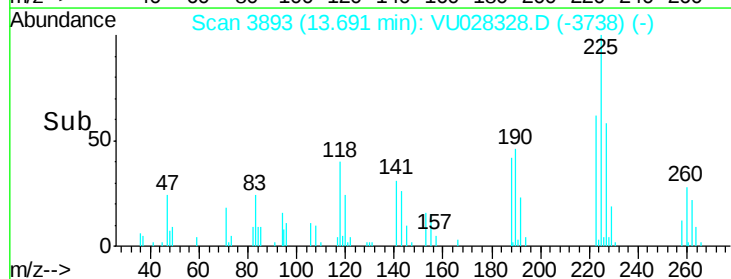
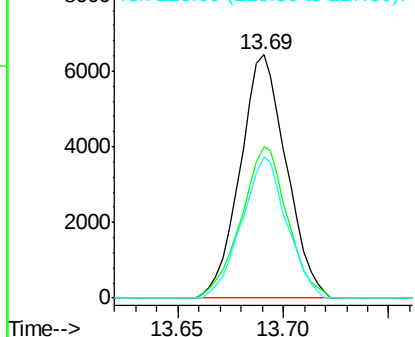
Lab File: VU028328.D

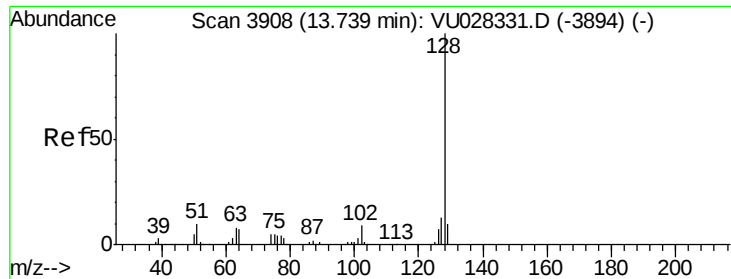
Acq: 26 Nov 2018 10:13

Tgt Ion:	225	Resp:	9770
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.6	76.0
227	56.5	50.8	76.2



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





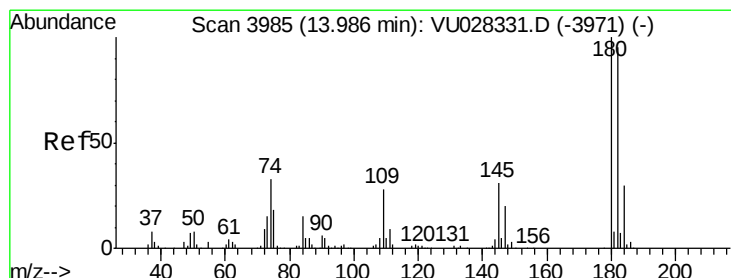
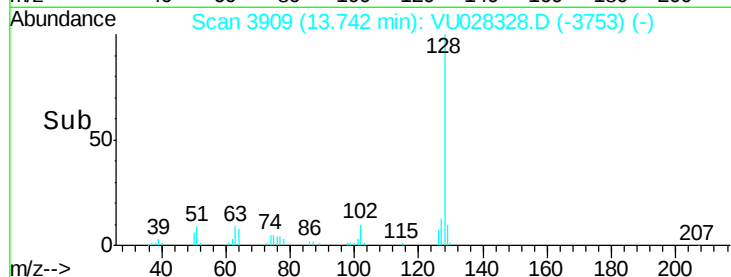
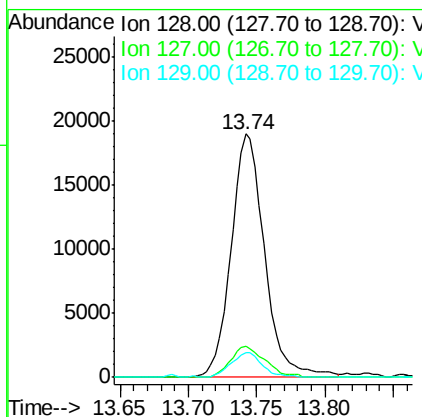
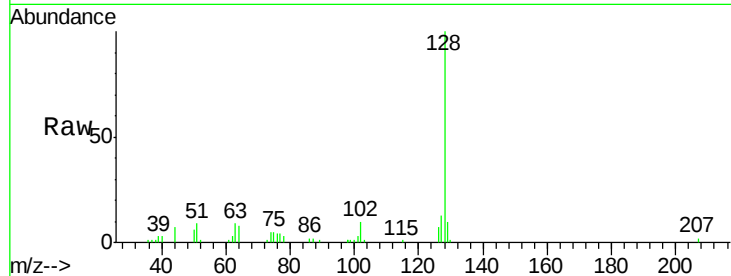
#89
Naphthalene
Concen: 0.876 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	9.4	8.2	12.4

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#90
1,2,3-Trichlorobenzene
Concen: 0.901 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.1	114.1
145	31.9	26.0	39.0

