

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007328.D
 Acq On : 01 Feb 2019 10:55
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:37:32 AM

Quant Time: Feb 02 00:43:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 00:12:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	481766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	708824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	359125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	245821	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	223946	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	8.71	98	846435	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	312576	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	302666	56.359	ug/l 100
3) Chloromethane	1.33	50	265349	48.900	ug/l 100
4) Vinyl Chloride	1.41	62	274263	51.519	ug/l 100
5) Bromomethane	1.64	94	268681	44.339	ug/l 100
6) Chloroethane	1.72	64	164224	47.688	ug/l 100
7) Trichlorofluoromethane	1.93	101	407031	48.877	ug/l 100
8) Diethyl Ether	2.19	74	149243	47.614	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	234762	47.392	ug/l 100
10) Methyl Iodide	2.51	142	374008	51.325	ug/l 100
11) Tert butyl alcohol	3.07	59	240829	227.572	ug/l 100
12) 1,1-Dichloroethene	2.37	96	216144	46.989	ug/l 100
13) Acrolein	2.29	56	125590	253.081	ug/l 100
14) Allyl chloride	2.73	41	365839	48.811	ug/l 100
15) Acrylonitrile	3.15	53	597862	228.374	ug/l 100
16) Acetone	2.45	43	544610	232.502	ug/l 100
17) Carbon Disulfide	2.57	76	565284	46.573	ug/l 100
18) Methyl Acetate	2.78	43	293812	44.332	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	694574	46.608	ug/l 100
20) Methylene Chloride	2.86	84	235966	44.562	ug/l 100
21) trans-1,2-Dichloroethene	3.17	96	228292	46.590	ug/l 100
22) Diisopropyl ether	3.87	45	660086	47.879	ug/l 100
23) Vinyl Acetate	3.82	43	2817060	246.239	ug/l 100
24) 1,1-Dichloroethane	3.70	63	378289	47.780	ug/l 100
25) 2-Butanone	4.69	43	772528	231.747	ug/l 100
26) 2,2-Dichloropropane	4.58	77	298429	49.495	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	247497	46.243	ug/l 100
28) Bromochloromethane	5.02	49	180845	49.671	ug/l 100
29) Tetrahydrofuran	5.15	42	494625	235.924	ug/l 100
30) Chloroform	5.21	83	393610	47.644	ug/l 100
31) Cyclohexane	5.57	56	342289	48.137	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	344244	49.364	ug/l 100
36) 1,1-Dichloropropene	5.80	75	296308	46.590	ug/l 100
37) Ethyl Acetate	4.85	43	293720	45.687	ug/l 100
38) Carbon Tetrachloride	5.78	117	307801	49.886	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	371816	48.321	ug/l	100
40) Benzene	6.14	78	885232	47.252	ug/l	100
41) Methacrylonitrile	5.06	41	165474	47.097	ug/l	100
42) 1,2-Dichloroethane	6.20	62	302215	46.624	ug/l	100
43) Isopropyl Acetate	6.45	43	479824	48.353	ug/l	100
44) Trichloroethene	7.21	130	267773	47.458	ug/l	100
45) 1,2-Dichloropropane	7.51	63	223279	47.568	ug/l	100
46) Dibromomethane	7.66	93	156146	45.770	ug/l	100
47) Bromodichloromethane	7.90	83	280923	48.587	ug/l	100
48) Methyl methacrylate	7.77	41	247990	49.962	ug/l	100
49) 1,4-Dioxane	7.75	88	106411	861.419	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1592867	243.836	ug/l	100
52) Toluene	8.78	92	581541	48.113	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	319984	51.523	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	349374	51.155	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	234697	46.581	ug/l	100
56) Ethyl methacrylate	9.18	69	346337	49.631	ug/l	100
57) 1,3-Dichloropropane	9.37	76	379163	47.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	924336	251.306	ug/l	100
59) 2-Hexanone	9.49	43	1212334	238.488	ug/l	100
60) Dibromochloromethane	9.58	129	251523	52.784	ug/l	100
61) 1,2-Dibromoethane	9.67	107	257567	48.272	ug/l	100
64) Tetrachloroethene	9.34	164	288811	46.272	ug/l	100
65) Chlorobenzene	10.14	112	674162	46.652	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	239661	49.466	ug/l	100
67) Ethyl Benzene	10.25	91	1117018	47.999	ug/l	100
68) m/p-Xylenes	10.36	106	899282	97.212	ug/l	100
69) o-Xylene	10.69	106	435335	48.906	ug/l	100
70) Styrene	10.71	104	711909	49.314	ug/l	100
71) Bromoform	10.86	173	193870	51.717	ug/l #	100
73) Isopropylbenzene	11.02	105	1149592	47.106	ug/l	100
74) N-amyl acetate	10.90	43	450007	47.673	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	338146	45.465	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	333804m	45.846	ug/l	
77) Bromobenzene	11.26	156	318445	46.312	ug/l	100
78) n-propylbenzene	11.36	91	1306367	48.816	ug/l	100
79) 2-Chlorotoluene	11.42	91	762387	46.951	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	963744	48.270	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101586	50.491	ug/l	100
82) 4-Chlorotoluene	11.51	91	909457	48.403	ug/l	100
83) tert-Butylbenzene	11.77	119	939700	47.538	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	988897	48.786	ug/l	100
85) sec-Butylbenzene	11.94	105	1181381	49.379	ug/l	100
86) p-Isopropyltoluene	12.06	119	1063705	49.253	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	571588	46.319	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	571042	45.643	ug/l	100
89) n-Butylbenzene	12.38	91	915433	49.274	ug/l	100
90) Hexachloroethane	12.60	117	162399	50.243	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	559490	45.558	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71418	46.181	ug/l	100

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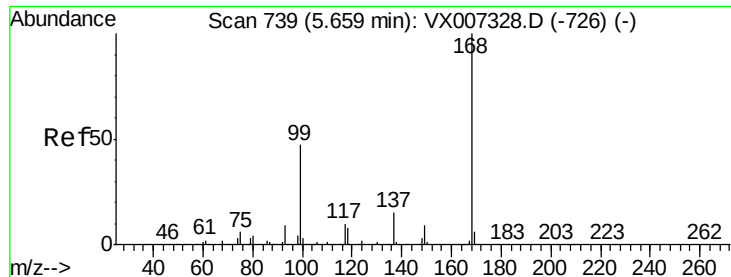
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	392853	47.434	ug/l	100
94) Hexachlorobutadiene	13.78	225	185443	46.112	ug/l	100
95) Naphthalene	13.83	128	1151587	47.548	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	386417	46.351	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 481766

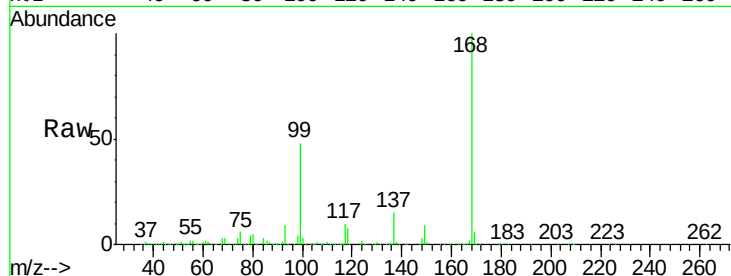
Ion Ratio Lower Upper

168 100

99 47.4 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

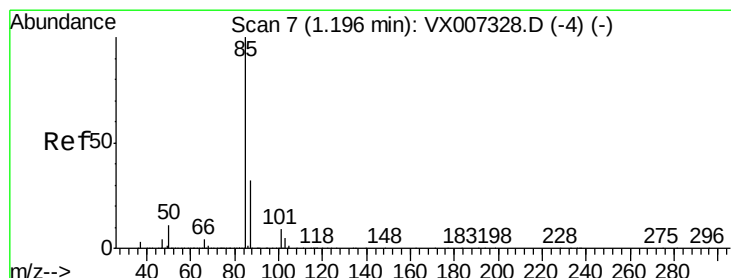
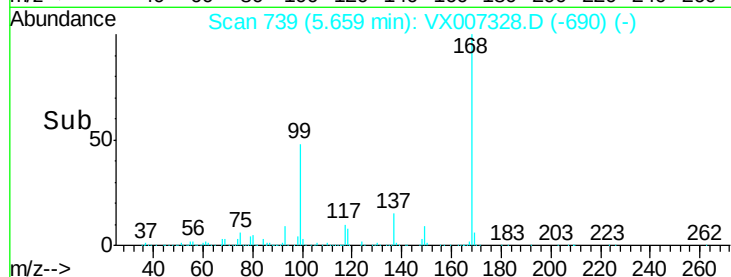
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 56.359 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007328.D

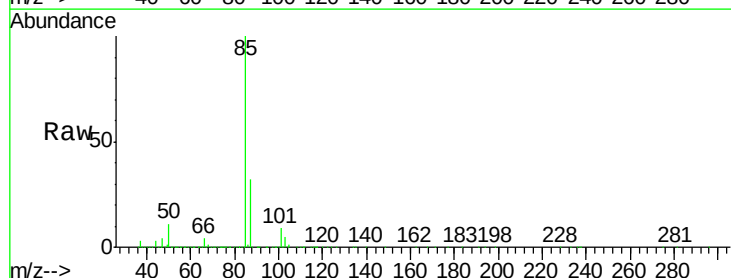
Acq: 01 Feb 2019 10:55

Tgt Ion: 85 Resp: 302666

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

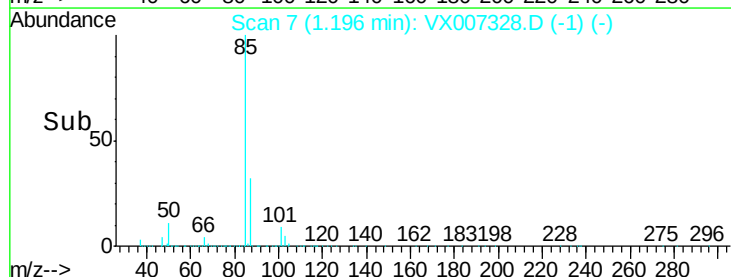
200000

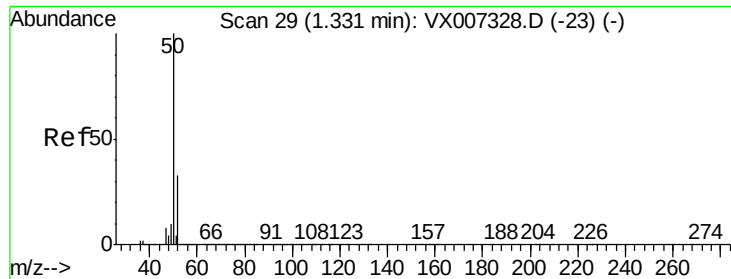
100000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.900 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 265349

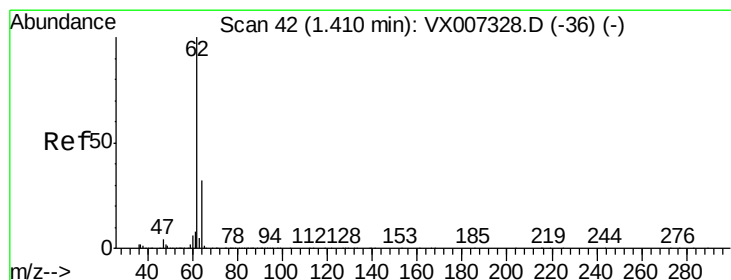
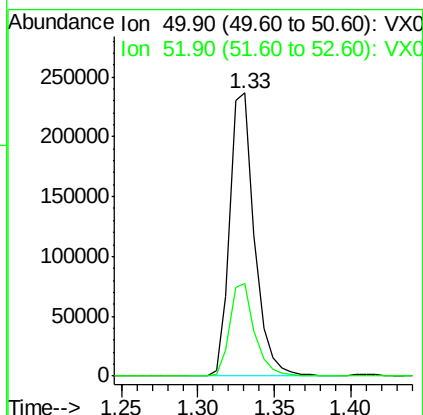
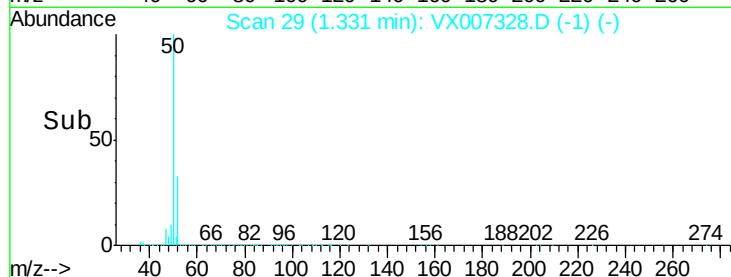
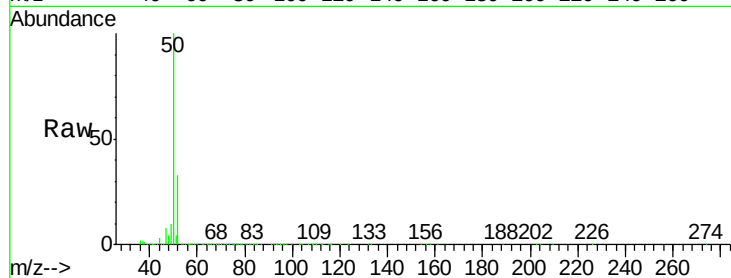
Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 51.519 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007328.D

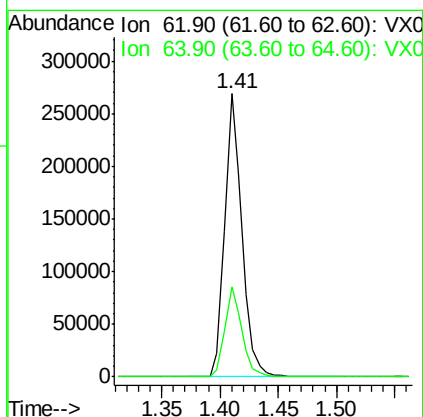
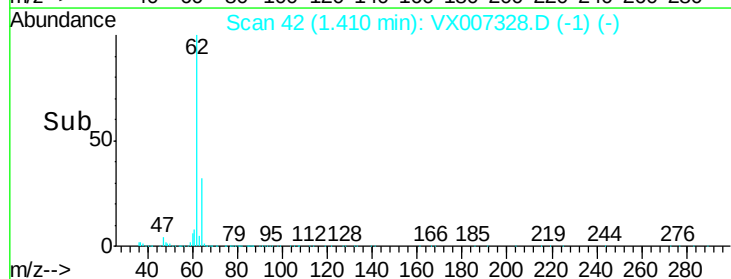
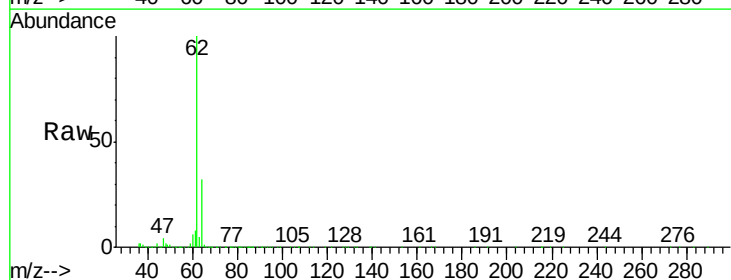
Acq: 01 Feb 2019 10:55

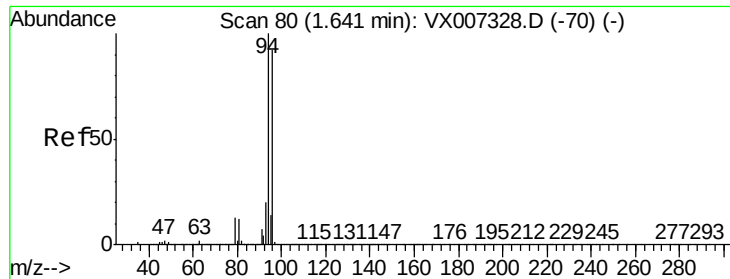
Tgt Ion: 62 Resp: 274263

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 44.339 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 268681

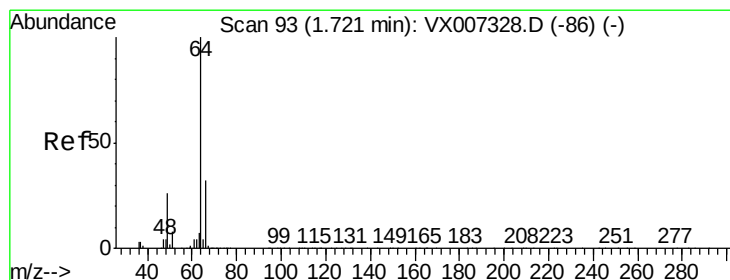
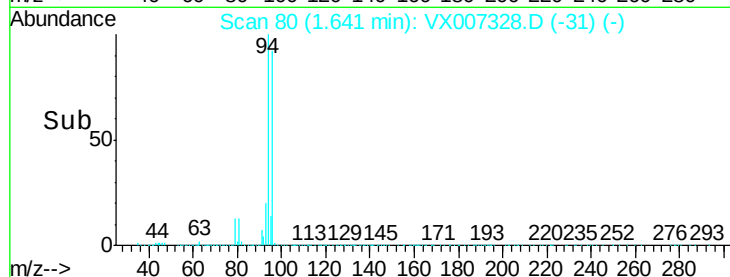
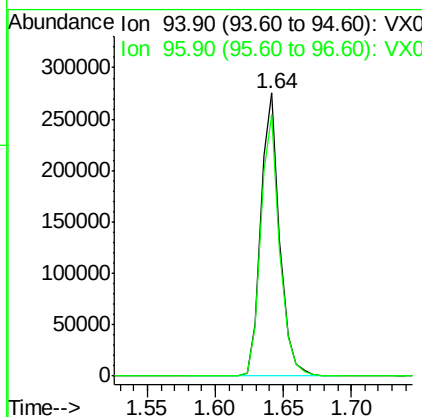
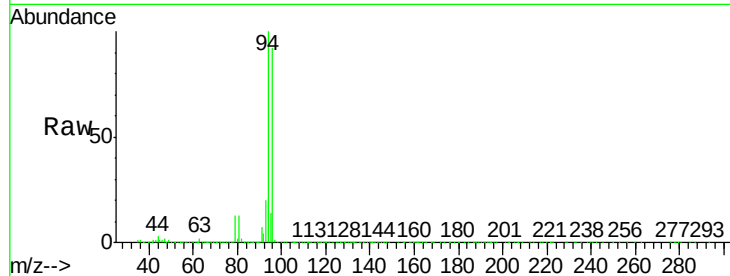
Ion Ratio Lower Upper

94 100

96 92.4 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 47.688 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007328.D

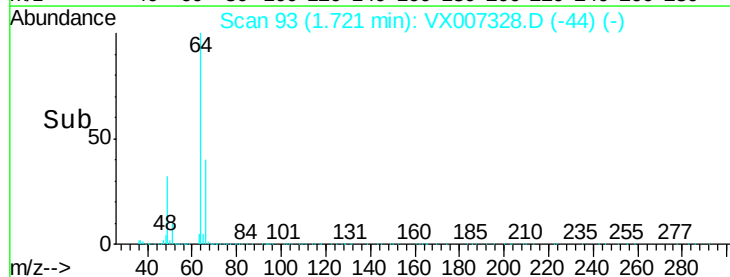
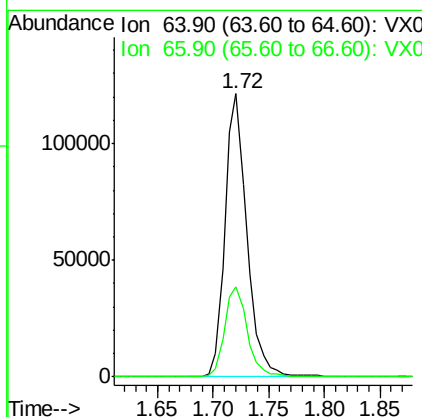
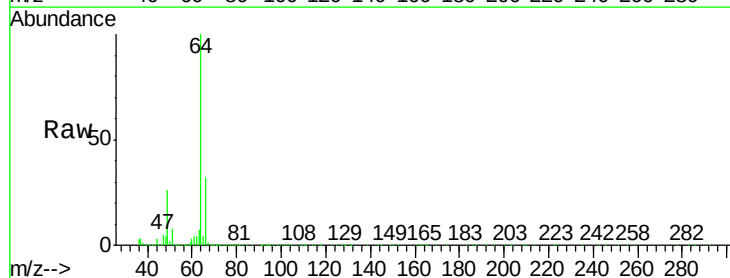
Acq: 01 Feb 2019 10:55

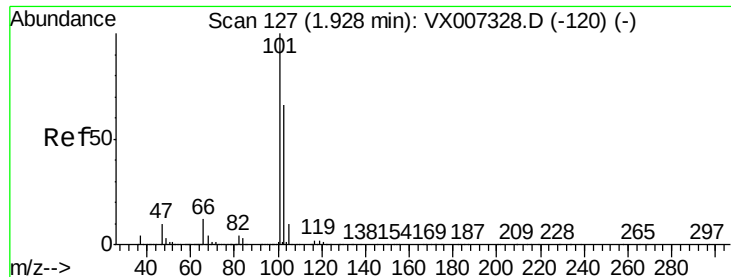
Tgt Ion: 64 Resp: 164224

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

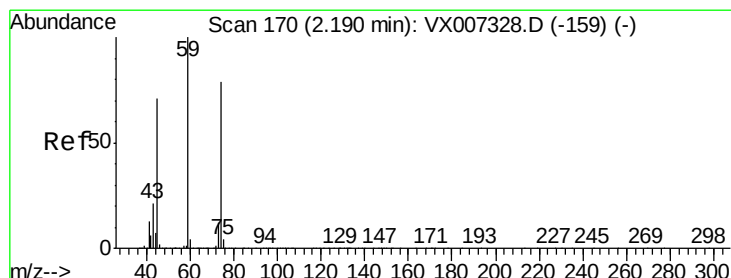
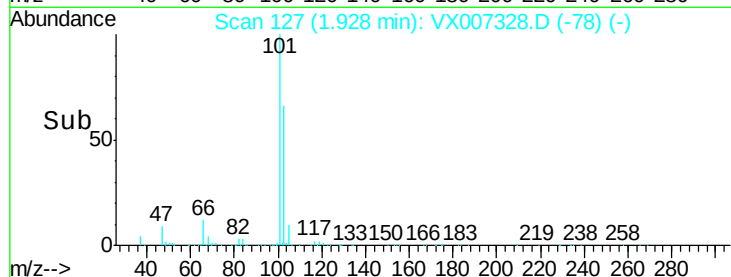
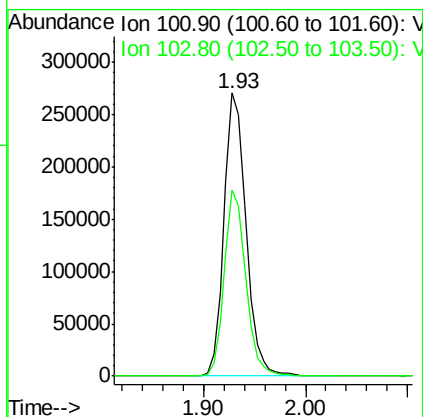
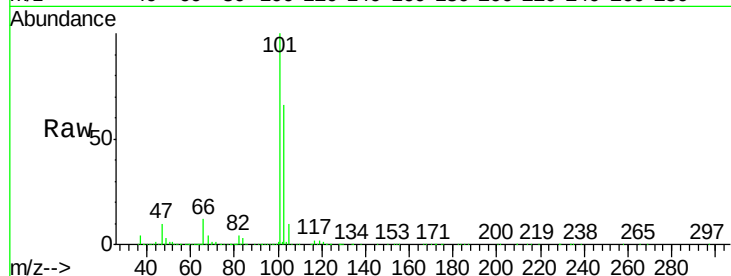
Trichlorofluoromethane
Concen: 48.877 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007328.D
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ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.8	52.6	79.0	

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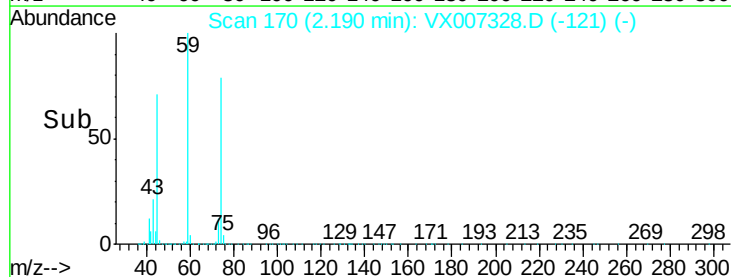
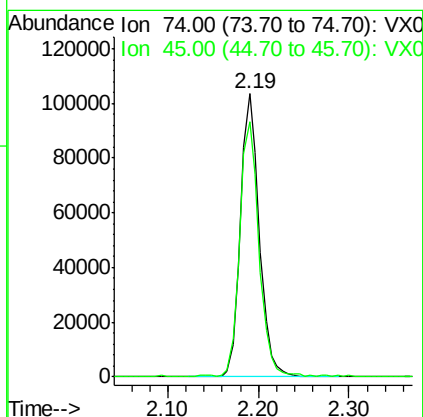
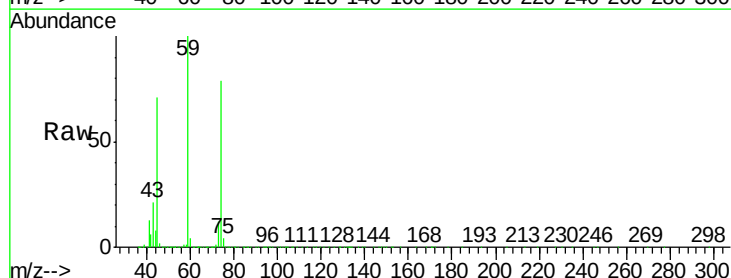
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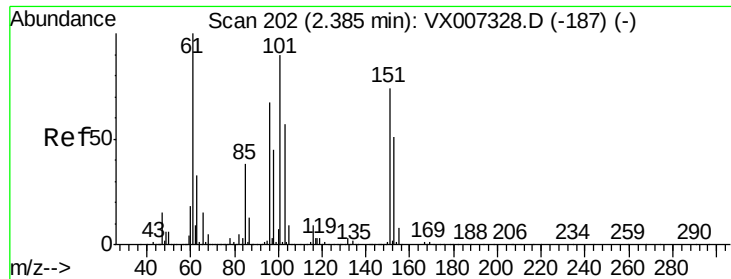


#8

Diethyl Ether
Concen: 47.614 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	91.4	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.392 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

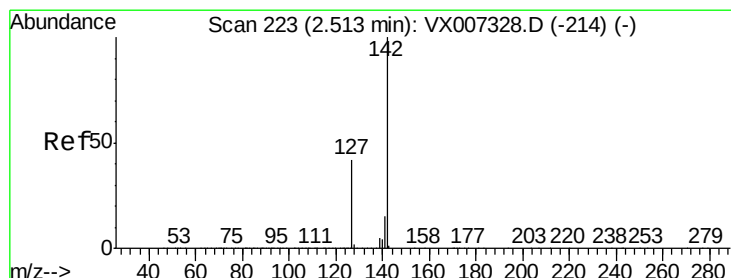
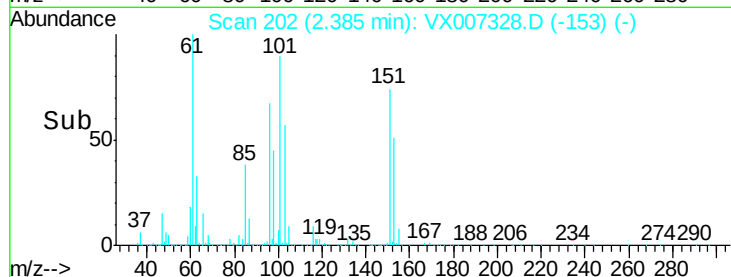
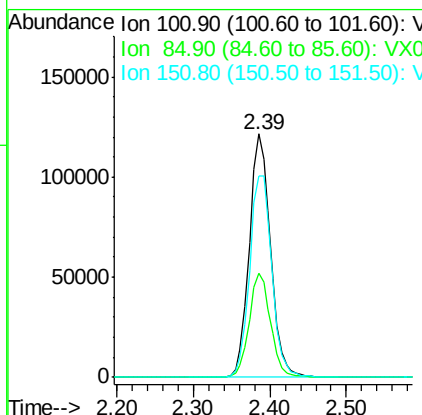
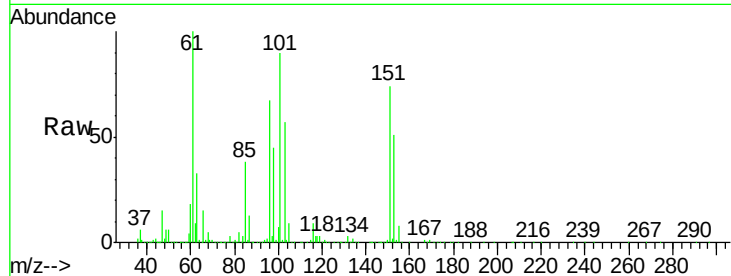
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	234762
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.1	51.1
151	87.4	69.9	104.9

Manual Integrations
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2/4/2019 9:37:32 AM



#10

Methyl Iodide

Concen: 51.325 ug/l

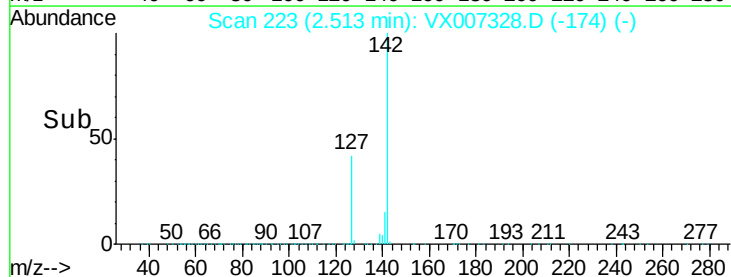
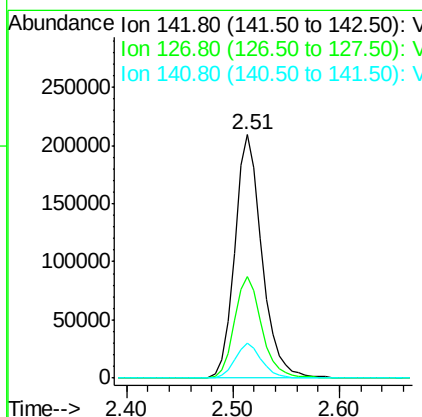
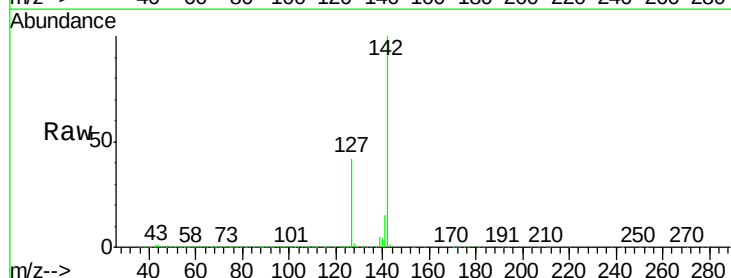
RT: 2.51 min Scan# 223

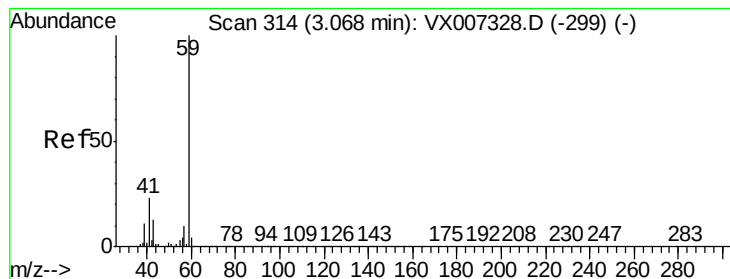
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	142	Resp:	374008
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.7	50.5
141	14.1	11.3	16.9





#11

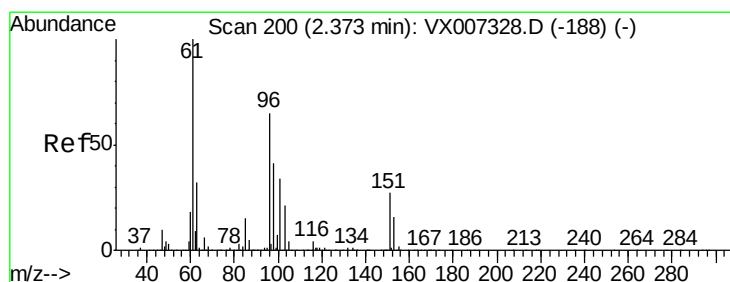
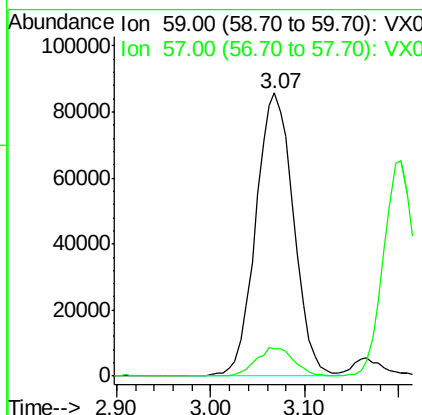
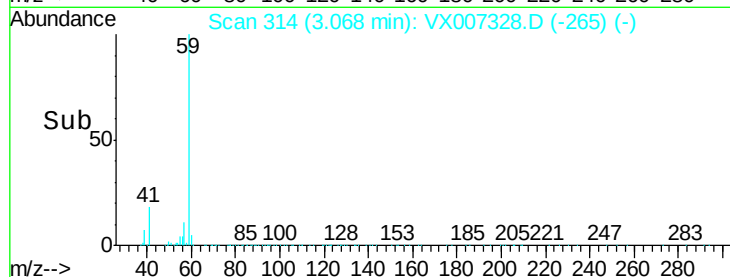
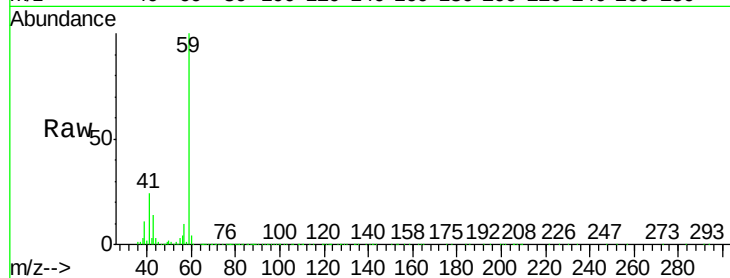
Tert butyl alcohol
Concen: 227.572 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

Manual Integrations
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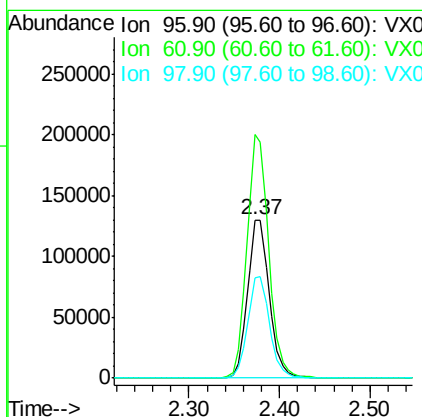
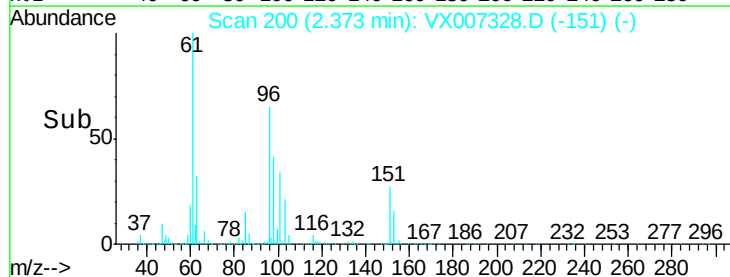
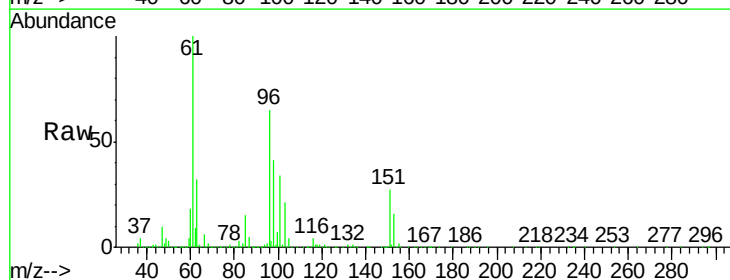
MMDadoda
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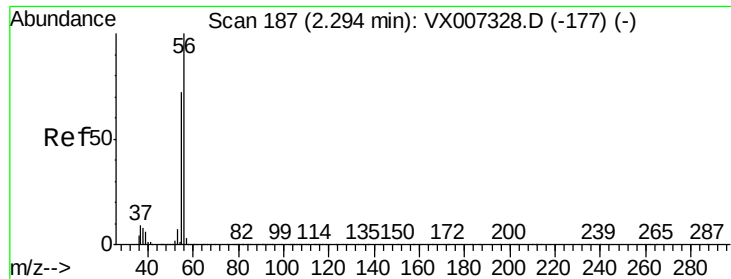


#12

1,1-Dichloroethene
Concen: 46.989 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	123.0	184.4
98	63.6	50.9	76.3





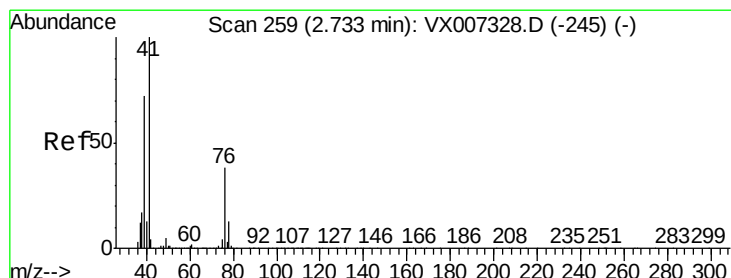
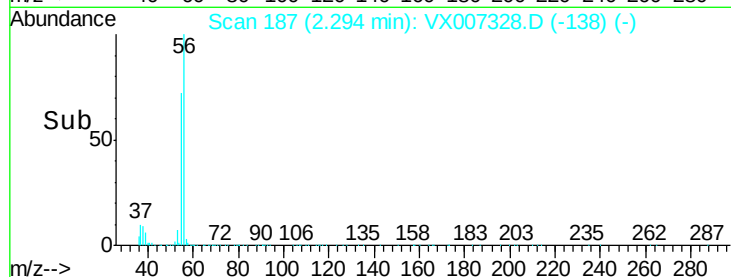
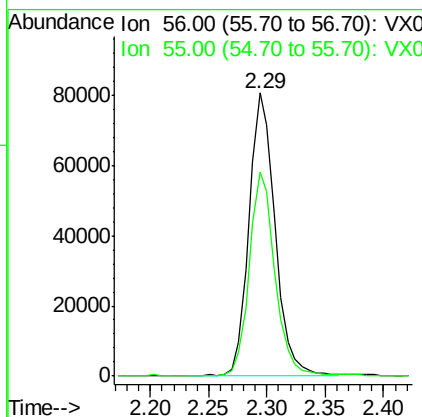
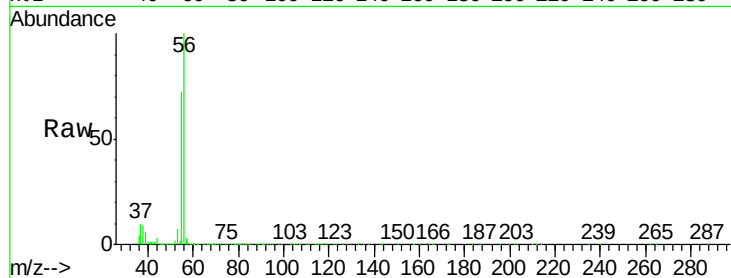
#13
Acrolein
Concen: 253.081 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.9	85.3

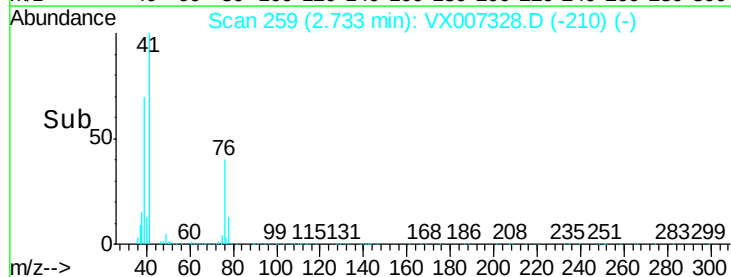
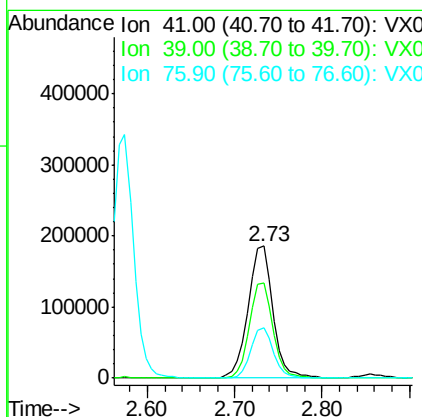
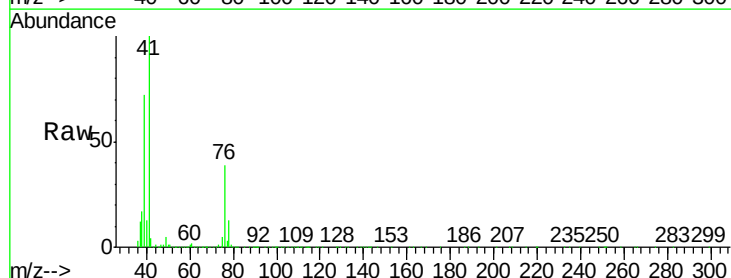
Manual Integrations
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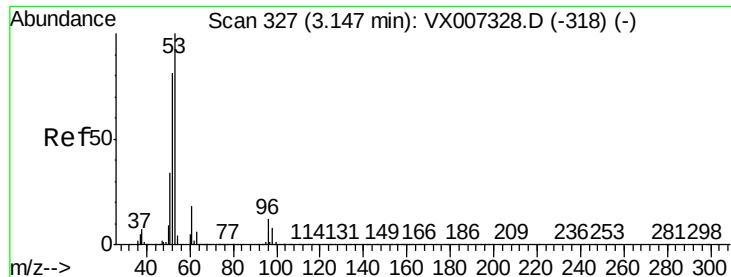
MMDadoda
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#14
Allyl chloride
Concen: 48.811 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.6	54.1	81.1
76	34.8	27.8	41.8





#15

Acrylonitrile

Concen: 228.374 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

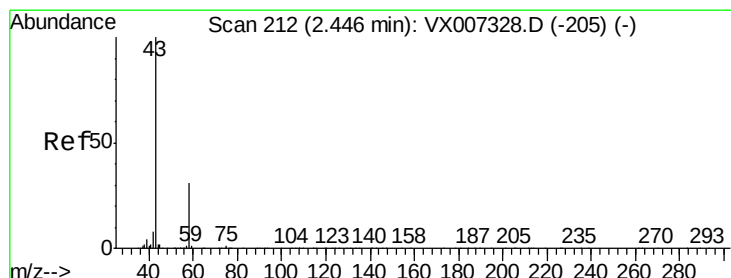
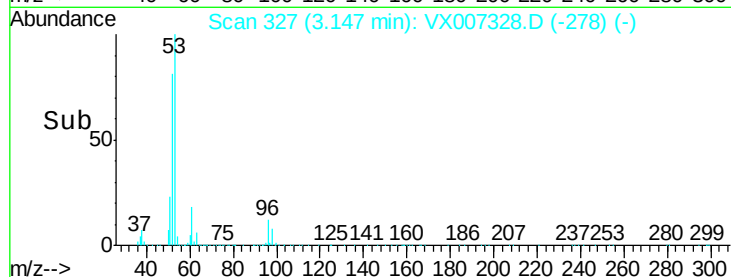
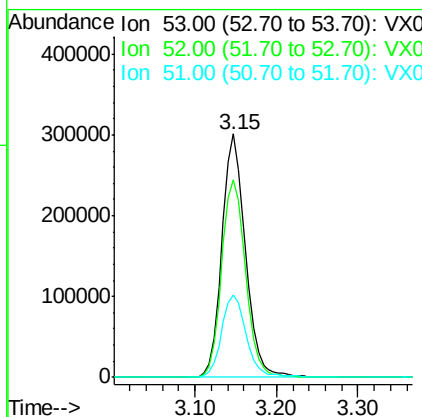
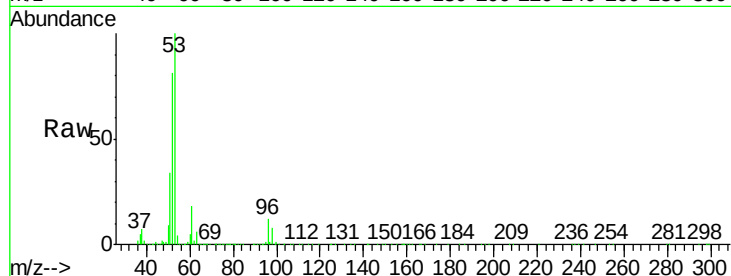
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	597862
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.4	99.6
51	35.5	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 232.502 ug/l

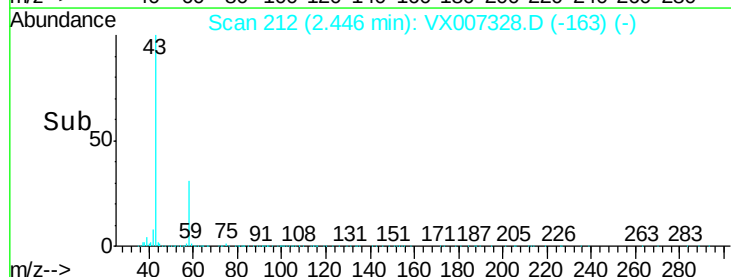
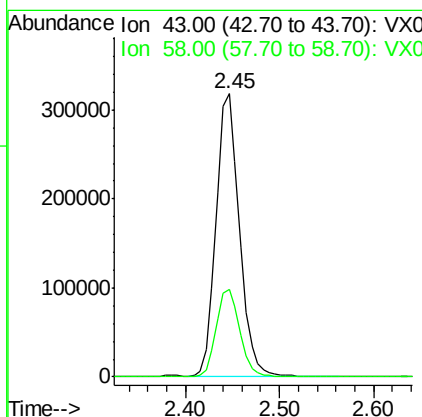
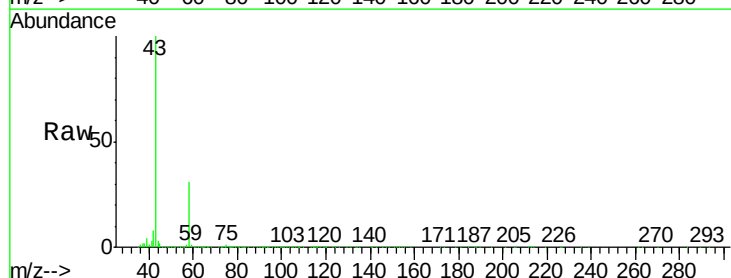
RT: 2.45 min Scan# 212

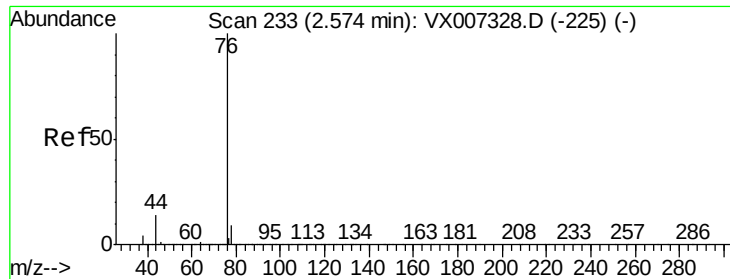
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	43	Resp:	544610
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.9	37.3





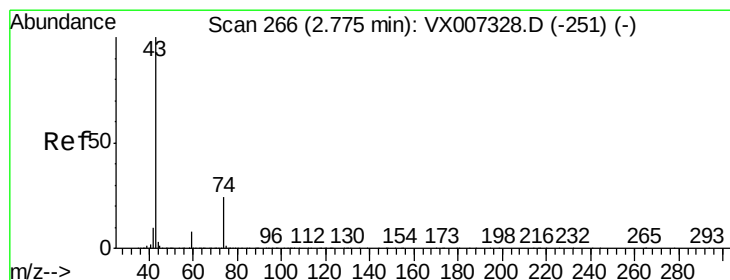
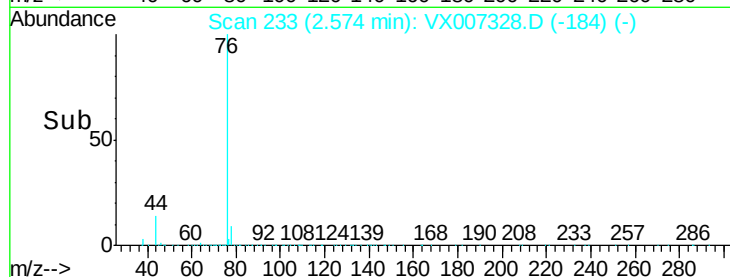
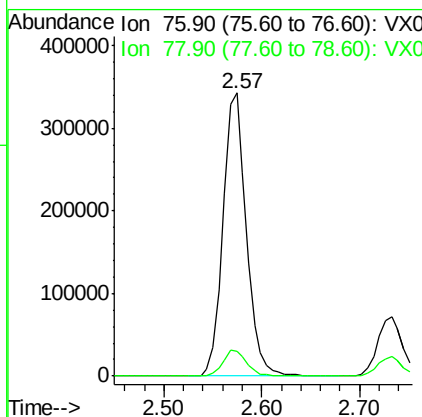
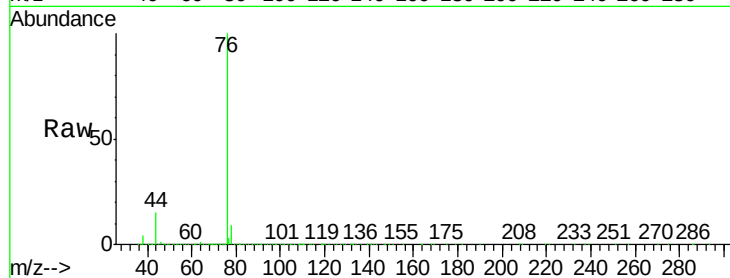
#17
Carbon Disulfide
Concen: 46.573 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

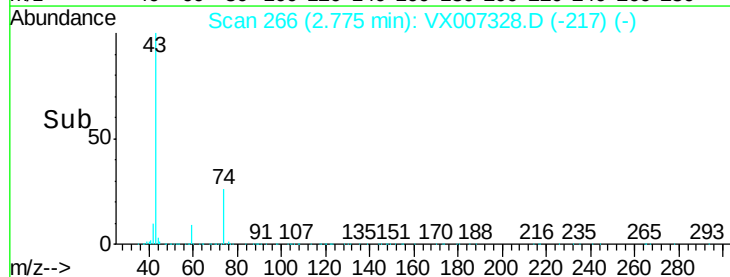
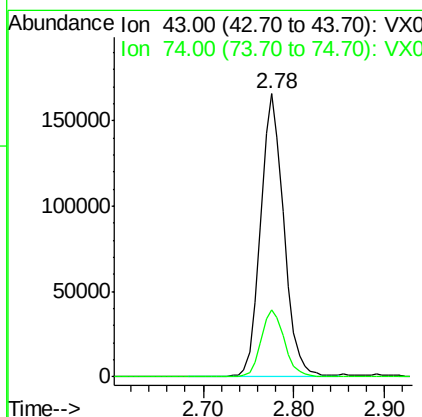
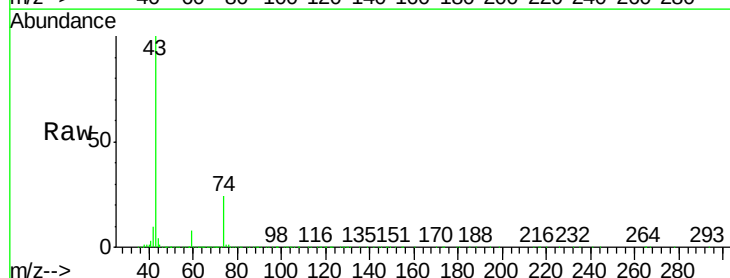
Manual Integrations
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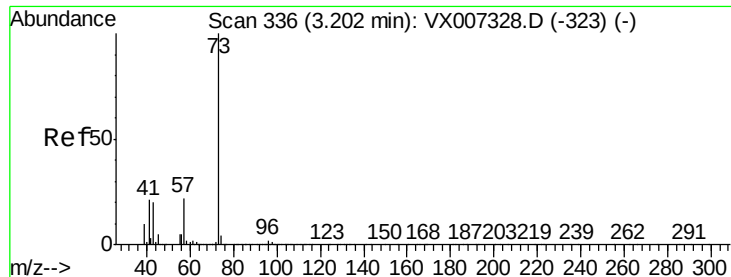
MMDadoda
2/4/2019 9:37:32 AM



#18
Methyl Acetate
Concen: 44.332 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.4	29.2





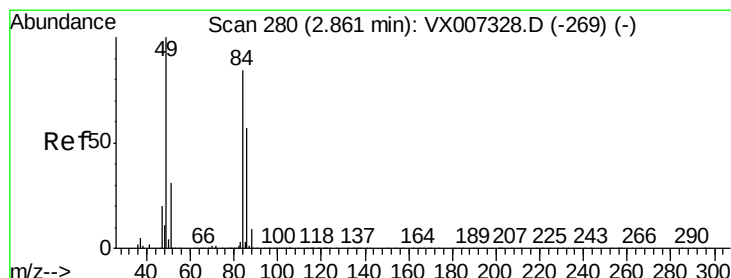
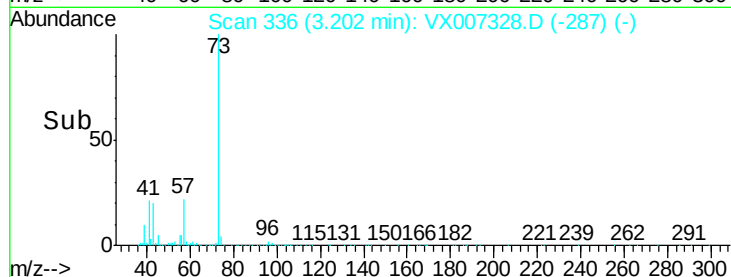
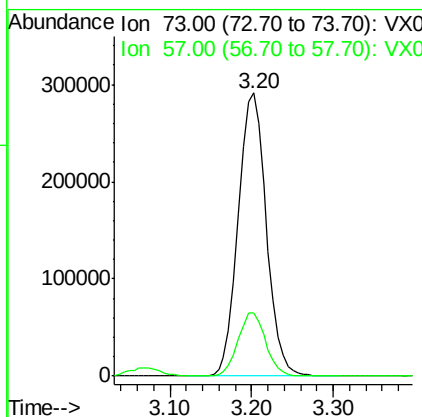
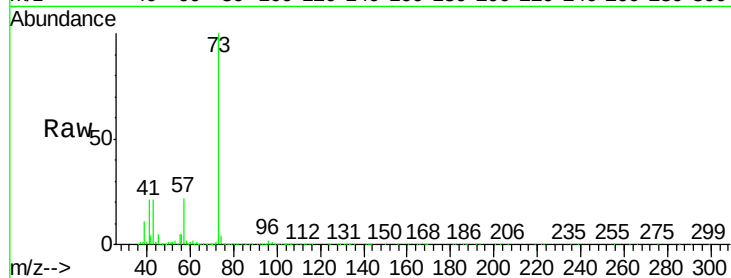
#19
Methyl tert-butyl Ether
Concen: 46.608 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.8

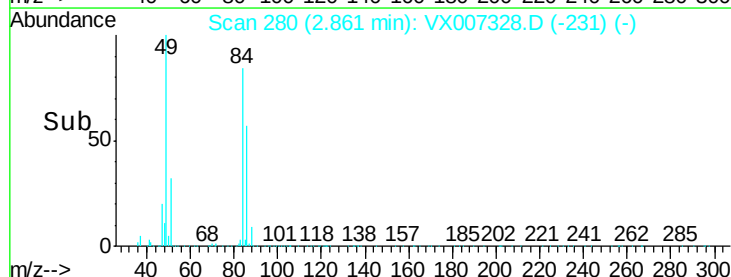
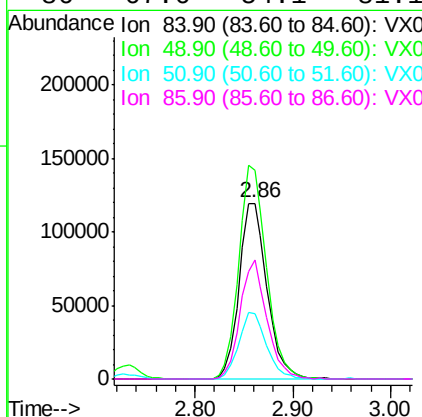
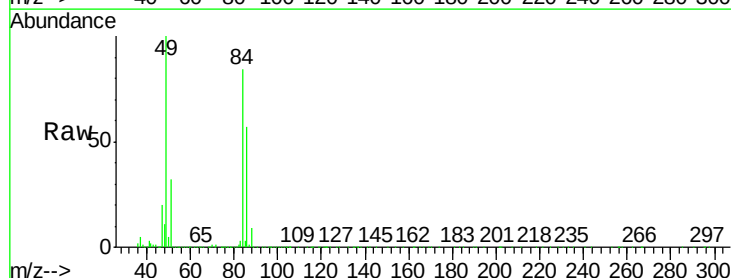
Manual Integrations
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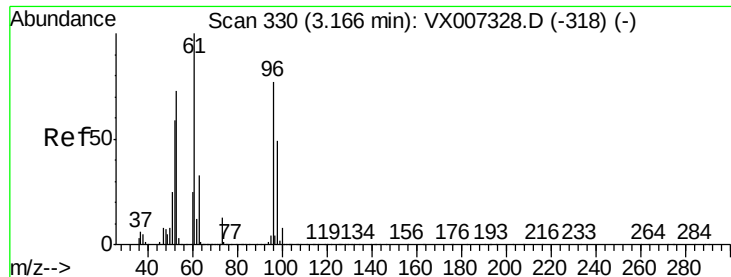
MMDadoda
2/4/2019 9:37:32 AM



#20
Methylene Chloride
Concen: 44.562 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.5	94.8	142.2
51	37.3	29.8	44.8
86	67.6	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 46.590 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

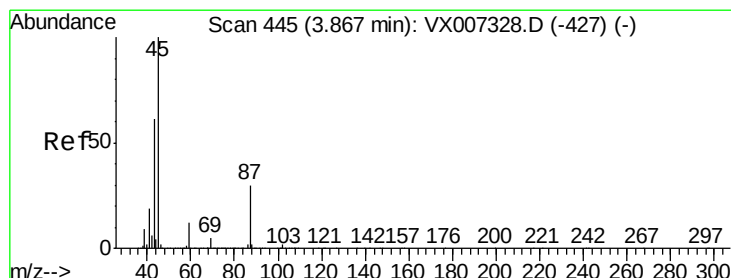
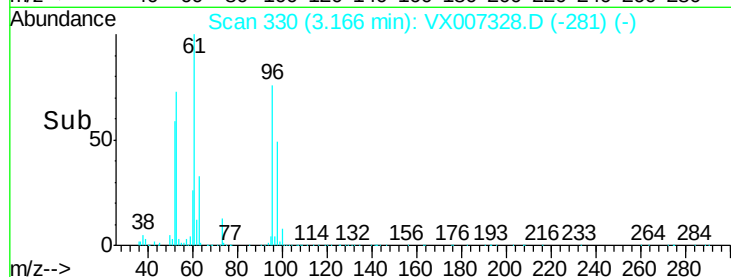
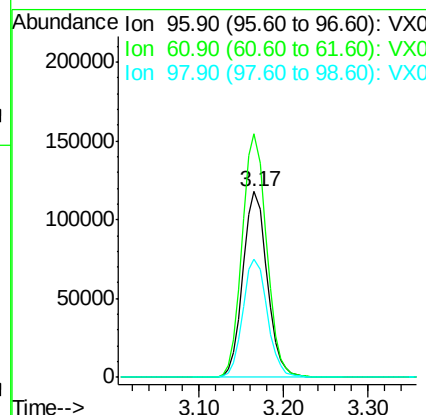
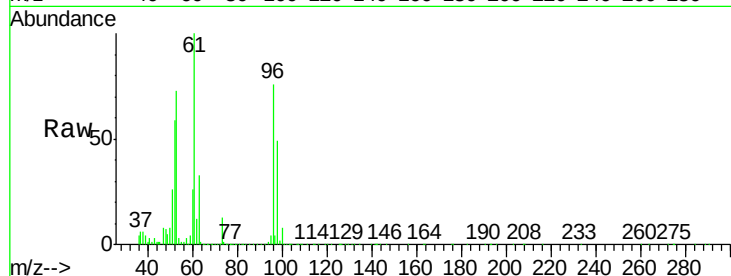
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	228292
Ion Ratio	Lower	Upper	
96	100		
61	130.7	104.6	156.8
98	63.7	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.879 ug/l

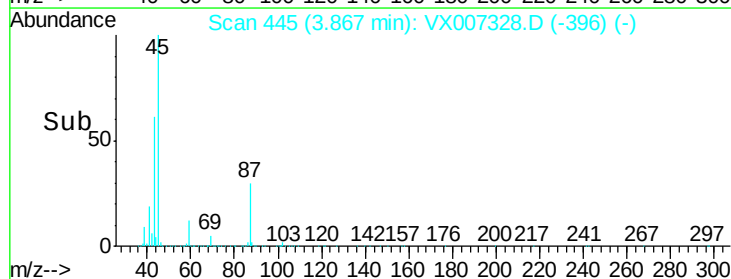
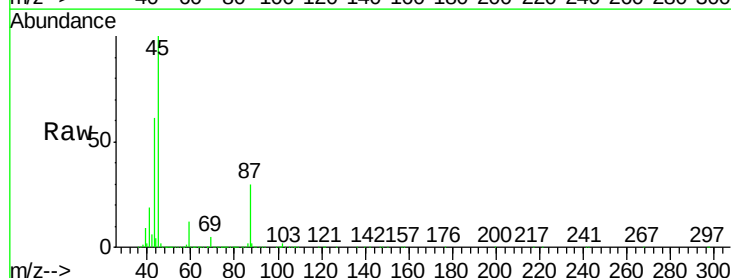
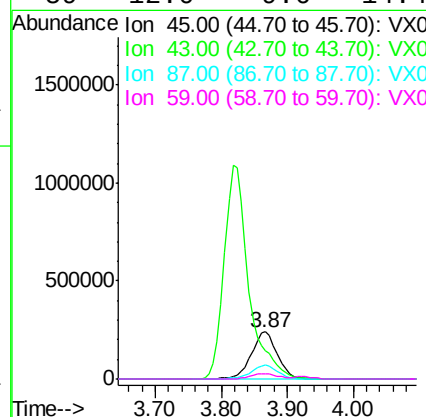
RT: 3.87 min Scan# 445

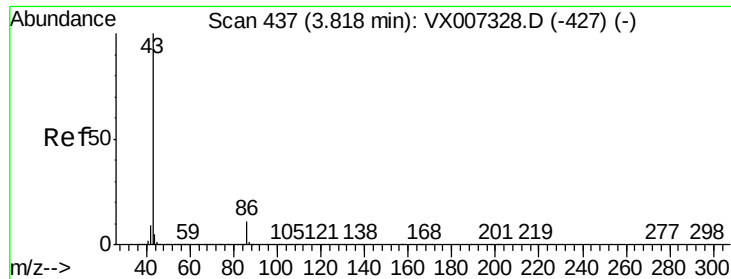
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	45	Resp:	660086
Ion Ratio	Lower	Upper	
45	100		
43	61.1	48.9	73.3
87	29.9	23.9	35.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 246.239 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tot Ion: 43 Resp: 2817060

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

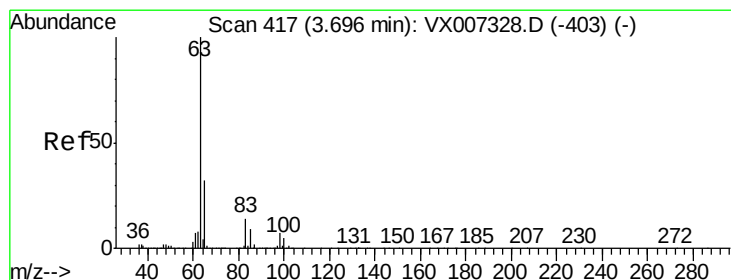
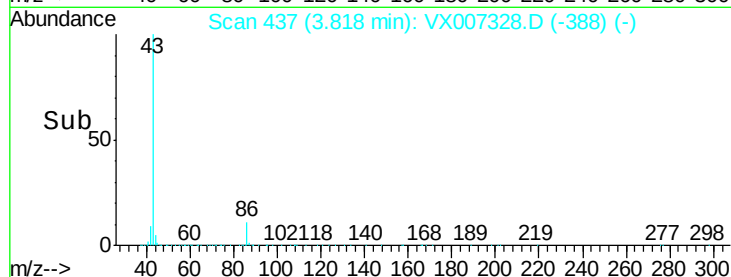
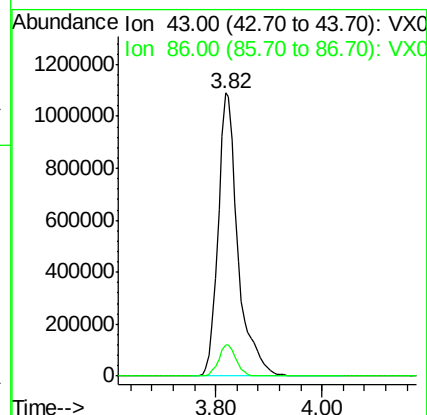
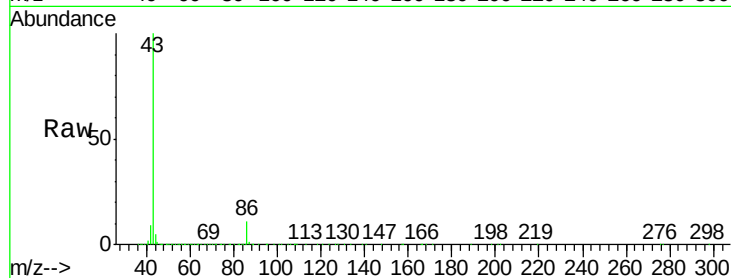
VSTDICCC050

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#24

1,1-Dichloroethane

Concen: 47.780 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

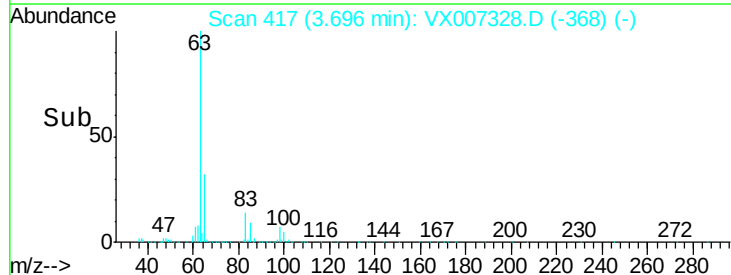
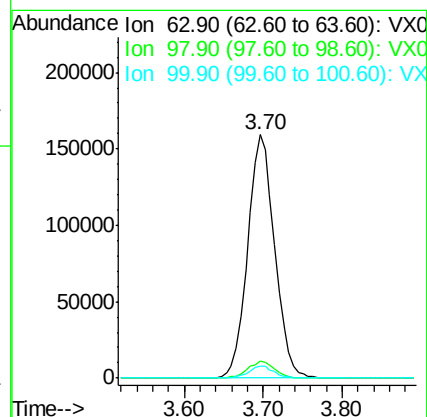
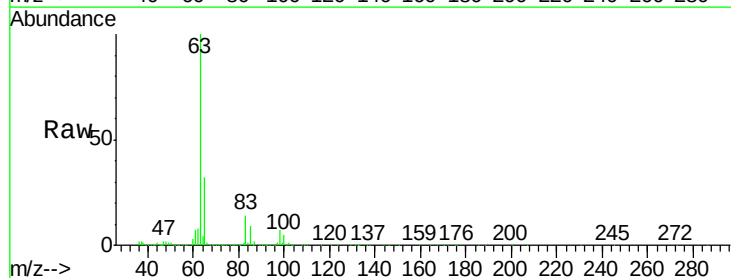
Tgt Ion: 63 Resp: 378289

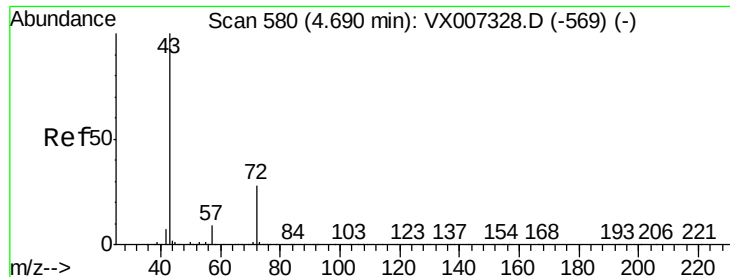
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 231.747 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 772528

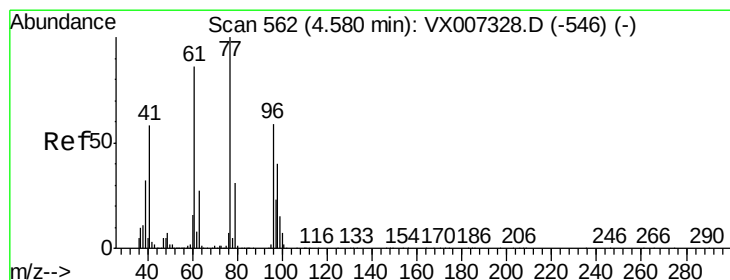
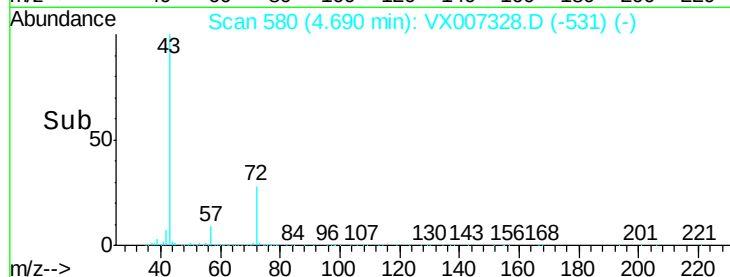
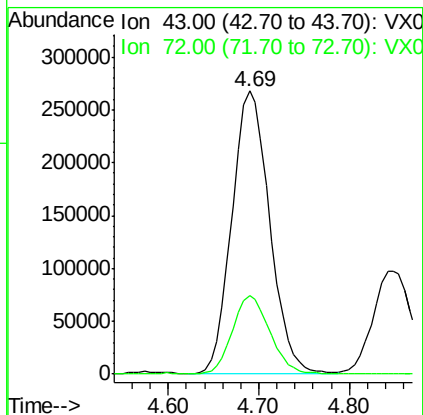
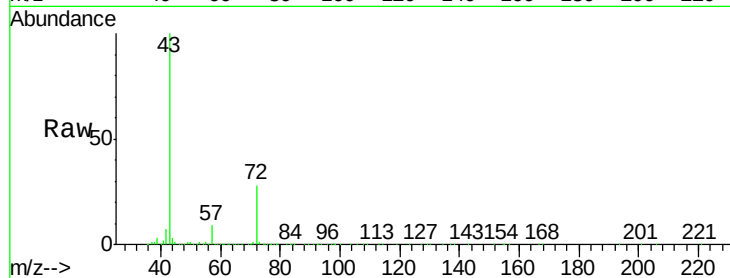
Ion Ratio Lower Upper

43 100

72 27.7 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 49.495 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007328.D

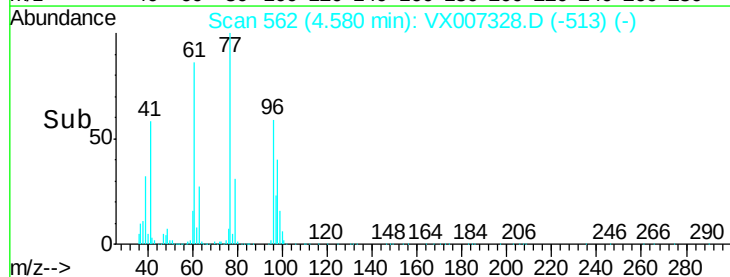
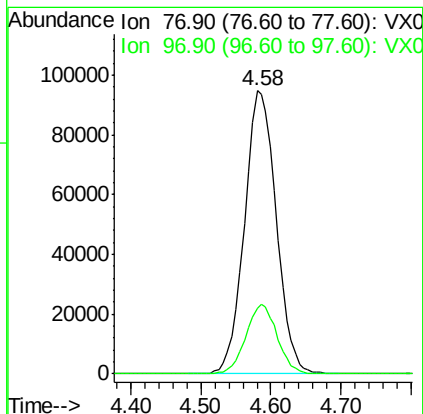
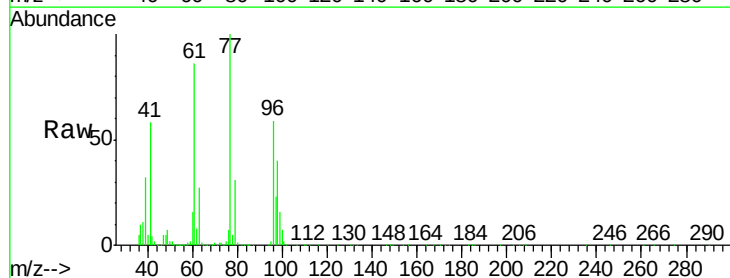
Acq: 01 Feb 2019 10:55

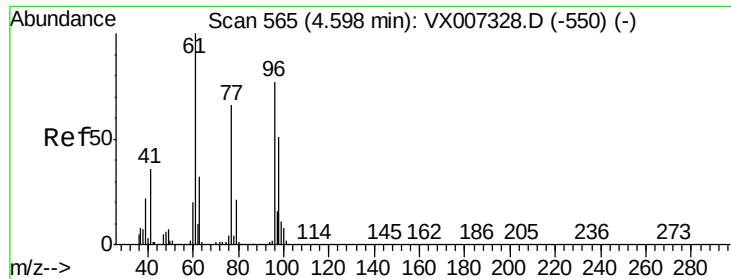
Tgt Ion: 77 Resp: 298429

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

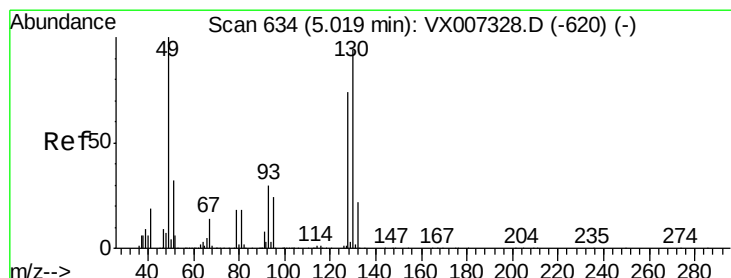
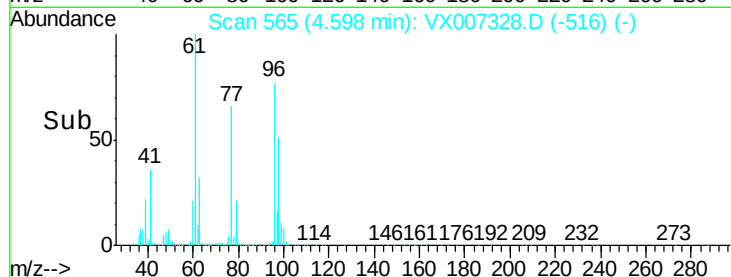
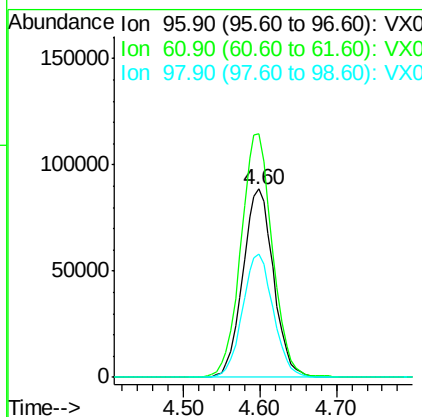
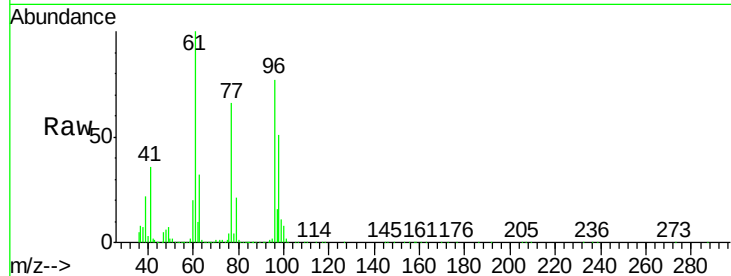
cis-1,2-Dichloroethene
Concen: 46.243 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	247497		
61	132.8	0.0	265.6	
98	65.8	0.0	131.6	

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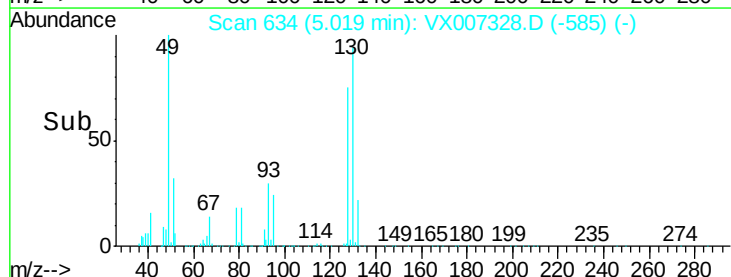
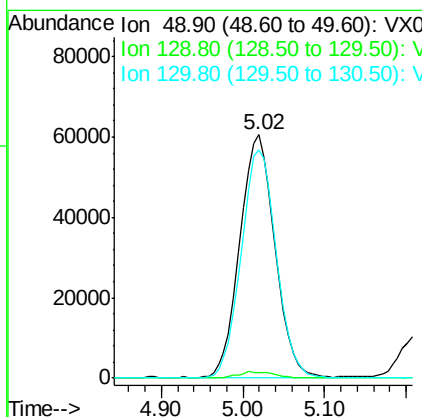
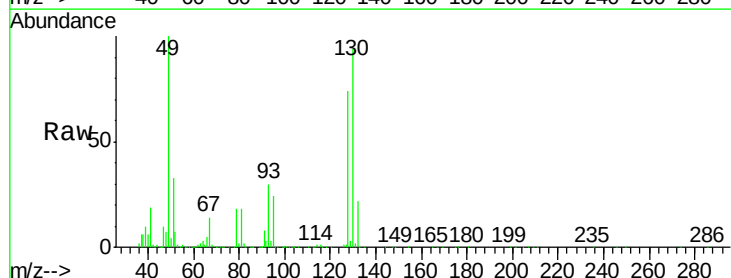
MMDadoda
2/4/2019 9:37:32 AM

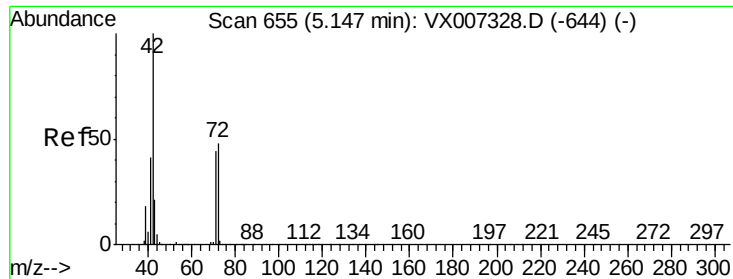


#28

Bromochloromethane
Concen: 49.671 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	180845		
129	2.8	0.0	5.6	
130	94.5	75.6	113.4	





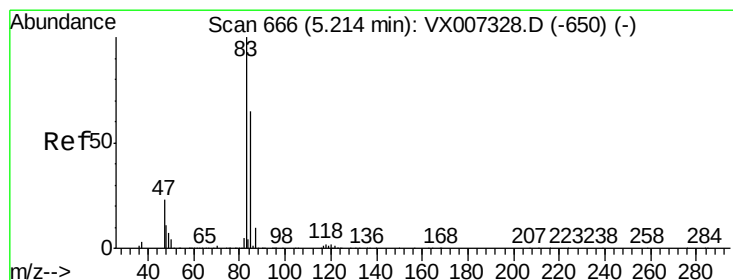
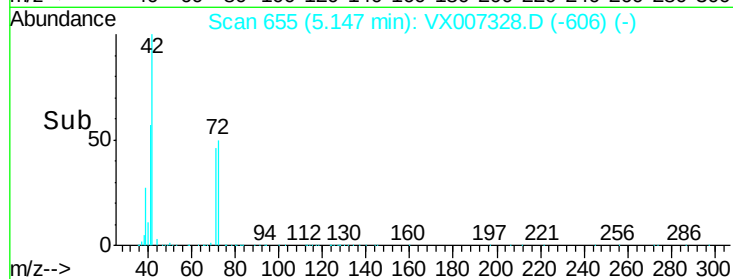
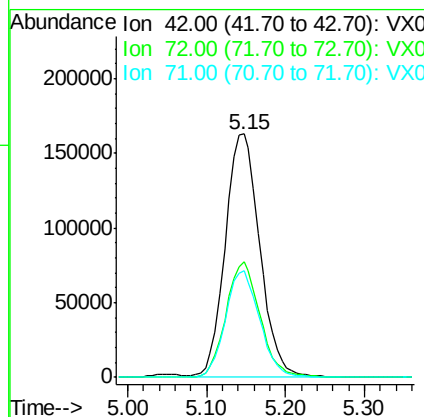
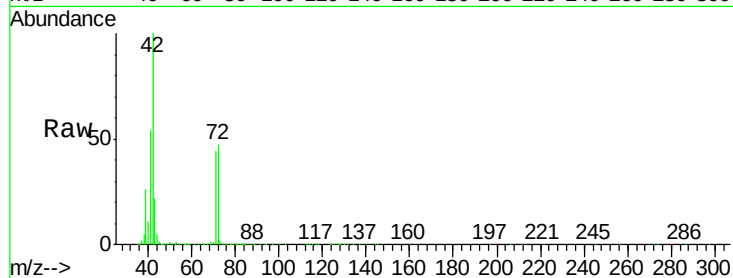
#29
Tetrahydrofuran
Concen: 235.924 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.6	56.4
71	43.2	34.6	51.8

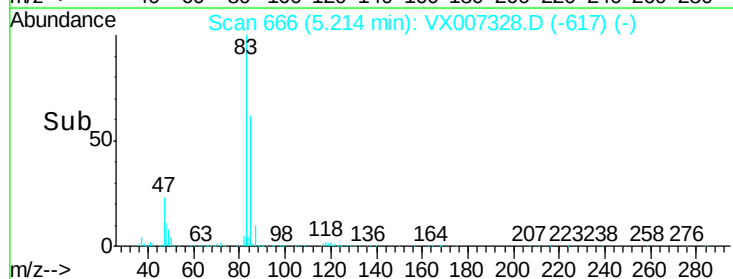
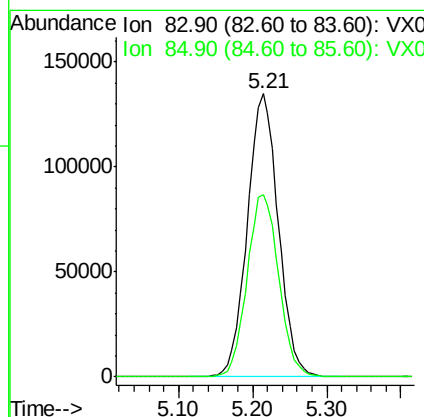
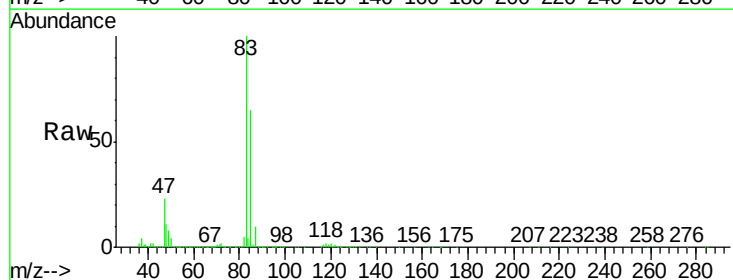
Manual Integrations
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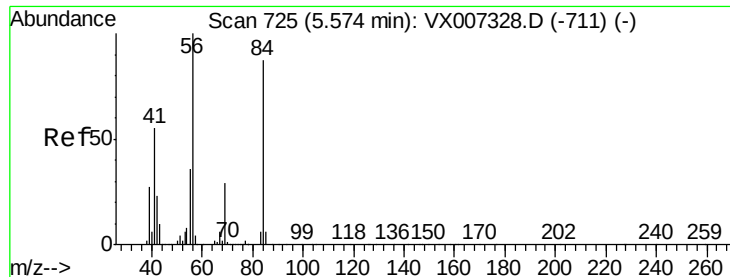
MMDadoda
2/4/2019 9:37:32 AM



#30
Chloroform
Concen: 47.644 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





#31

Cyclohexane

Concen: 48.137 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

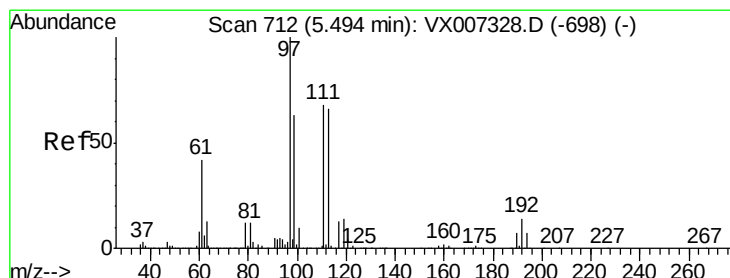
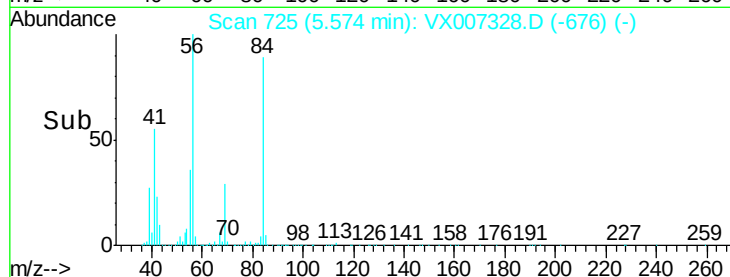
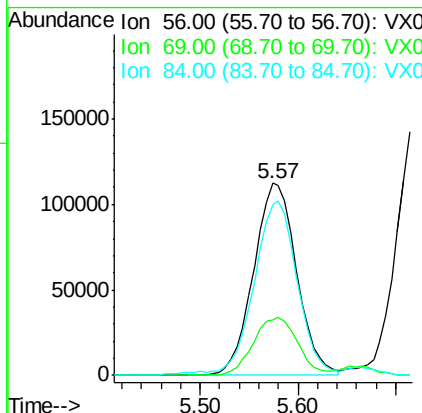
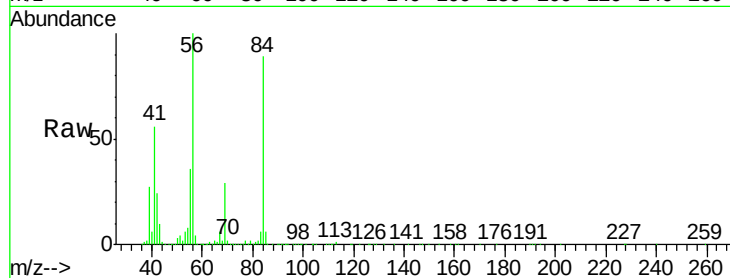
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	342289
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.0	34.6
84	87.2	69.8	104.6

Manual Integrations
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2/4/2019 9:37:32 AM



#32

1,1,1-Trichloroethane

Concen: 49.364 ug/l

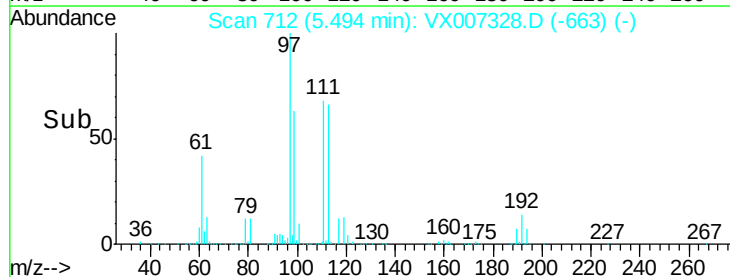
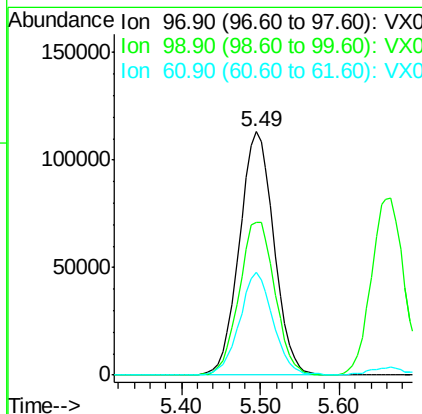
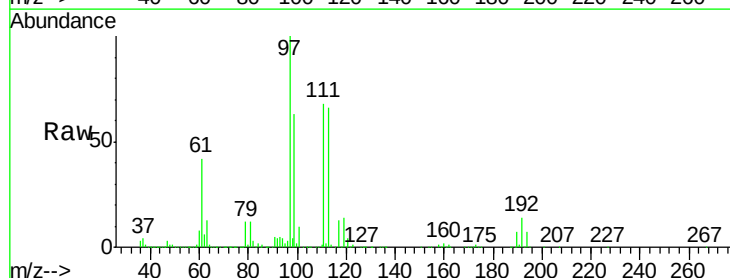
RT: 5.49 min Scan# 712

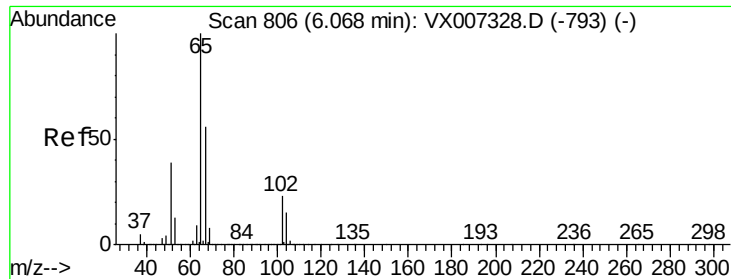
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	97	Resp:	344244
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	40.9	32.7	49.1





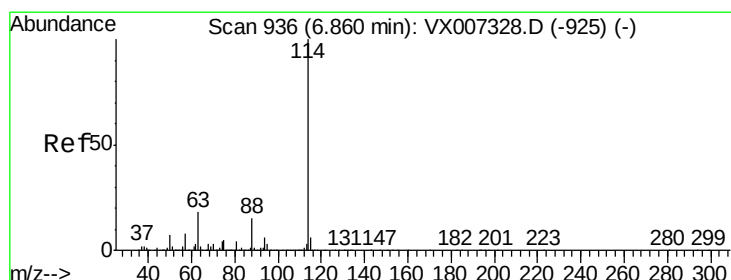
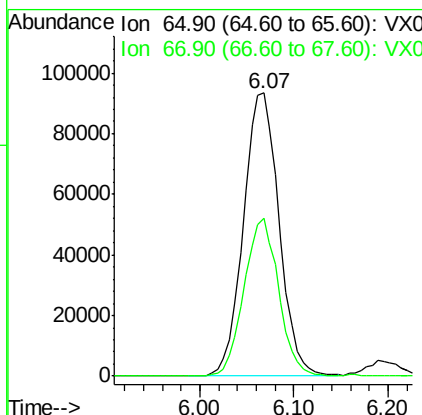
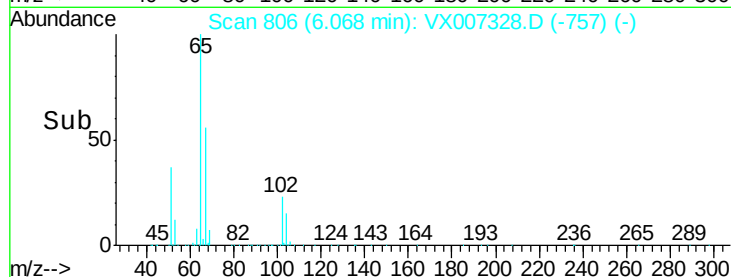
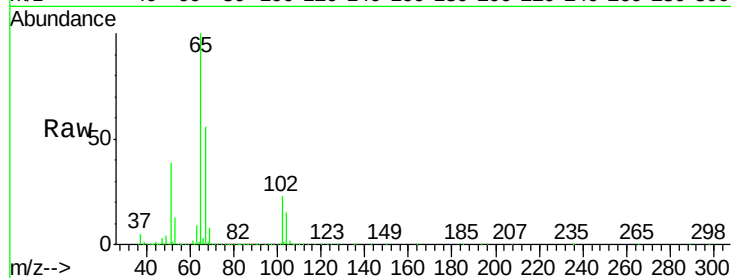
#33
 1,2-Dichloroethane-d4
 Concen: 48.072 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	245821		
67	54.4	0.0	108.8	

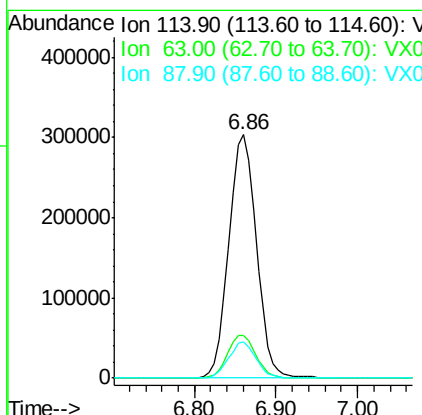
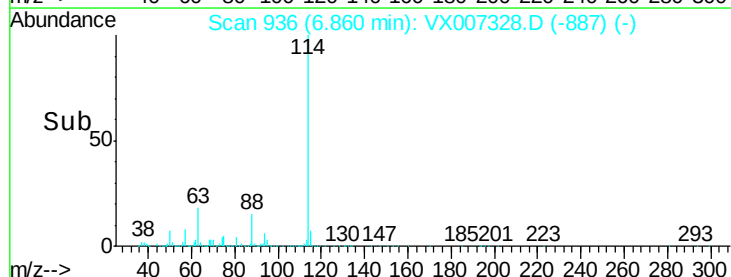
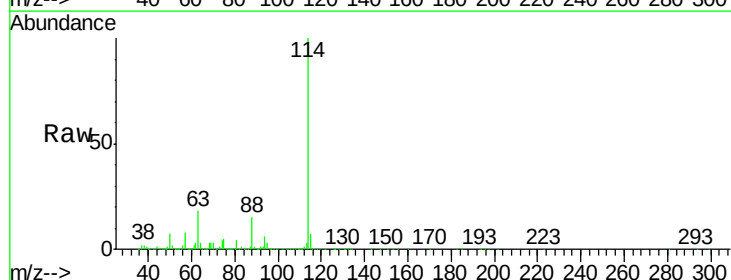
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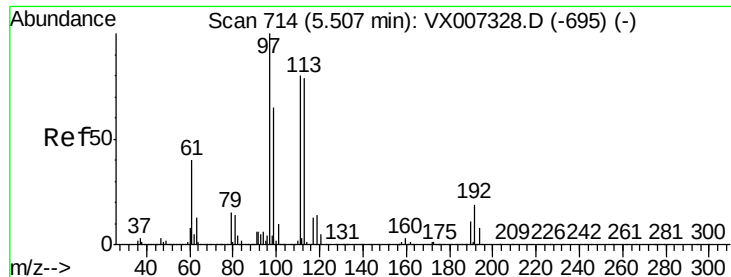
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	708824		
63	17.8	0.0	35.6	
88	14.8	0.0	29.6	





#35

Dibromofluoromethane

Concen: 48.557 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

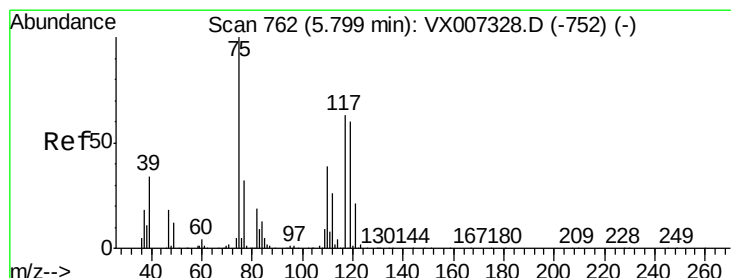
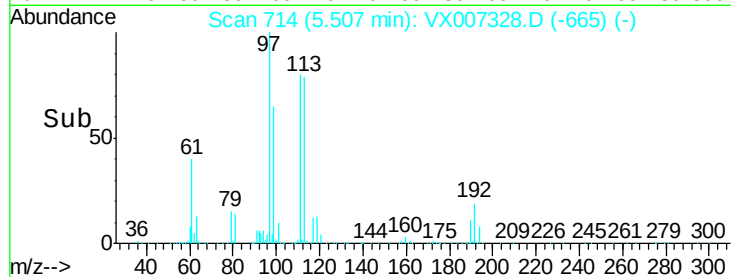
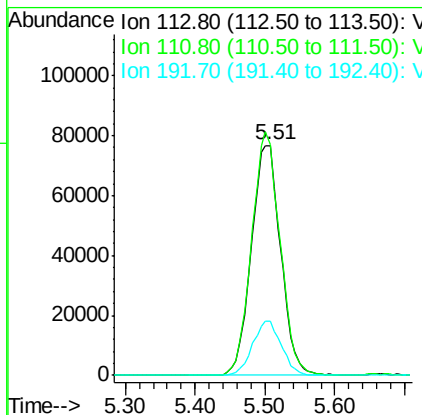
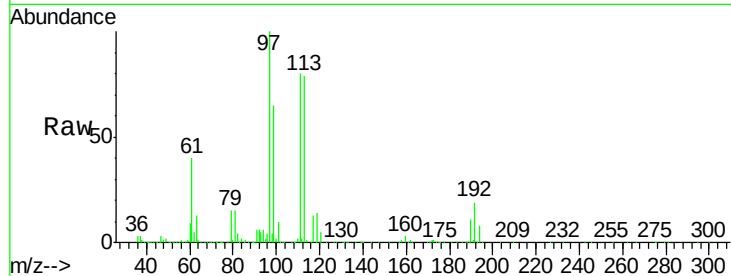
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	223946
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.8	122.8
192	23.1	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.590 ug/l

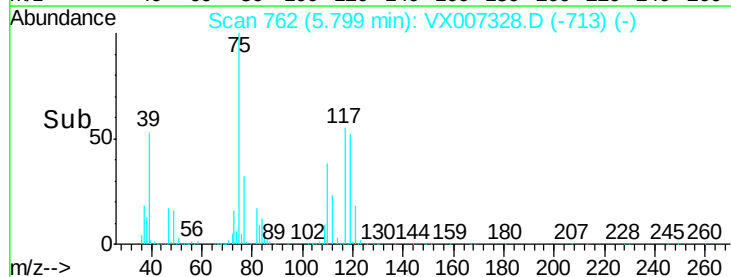
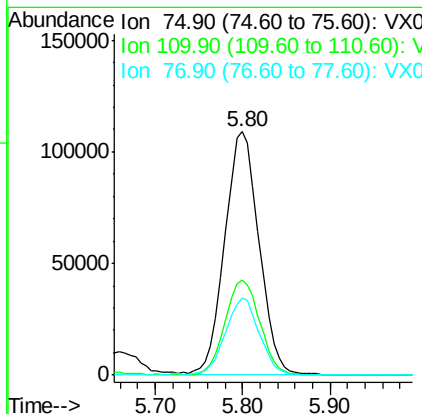
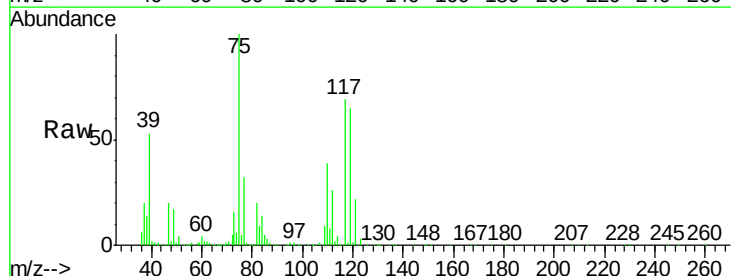
RT: 5.80 min Scan# 762

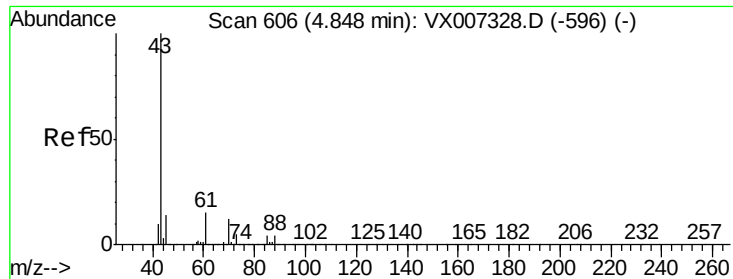
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	75	Resp:	296308
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.0	59.9
77	30.9	24.7	37.1





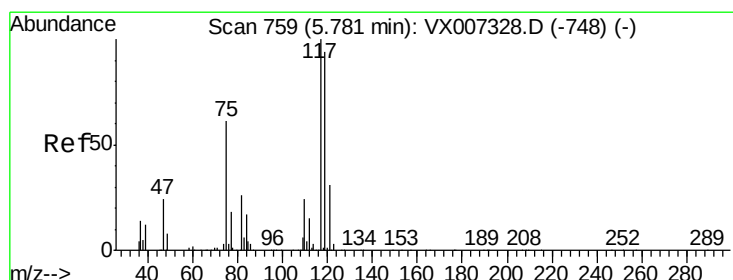
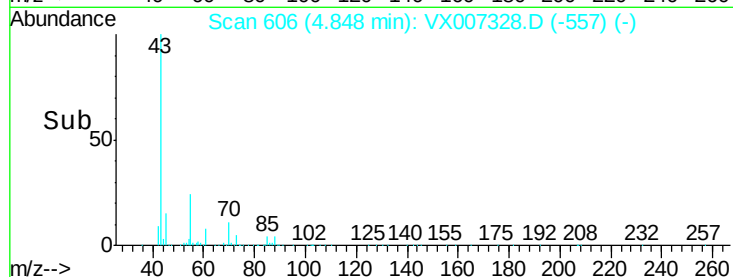
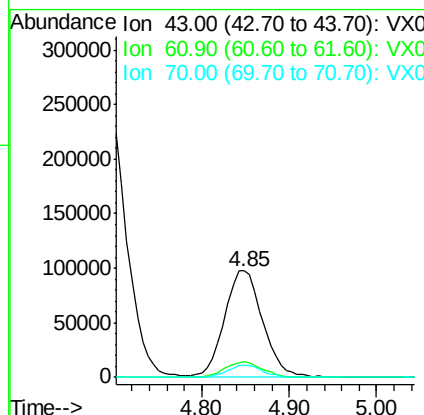
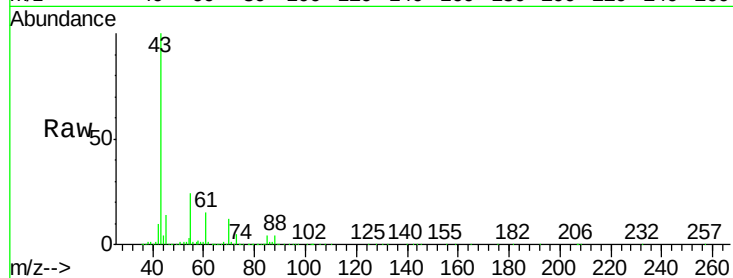
#37
Ethyl Acetate
Concen: 45.687 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	293720
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	10.8	8.6	13.0

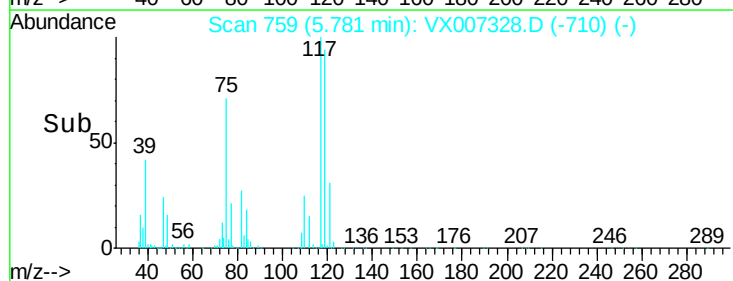
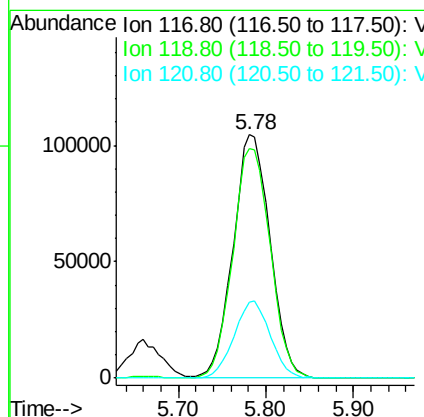
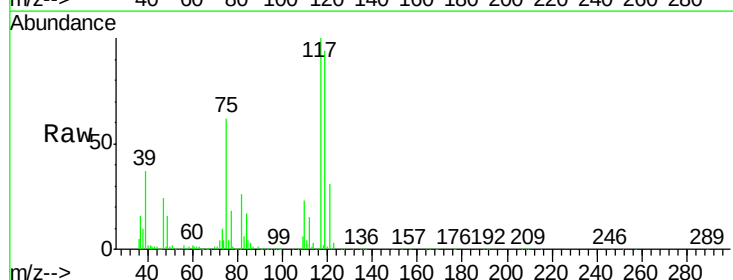
Manual Integrations
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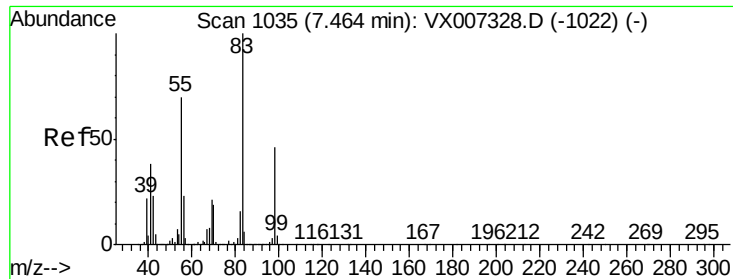
MMDadoda
2/4/2019 9:37:32 AM



#38
Carbon Tetrachloride
Concen: 49.886 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	117	Resp	307801
Ion Ratio	Lower	Upper	
117	100		
119	94.1	75.3	112.9
121	31.2	25.0	37.4





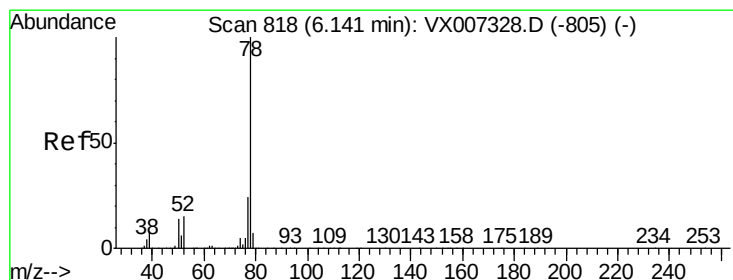
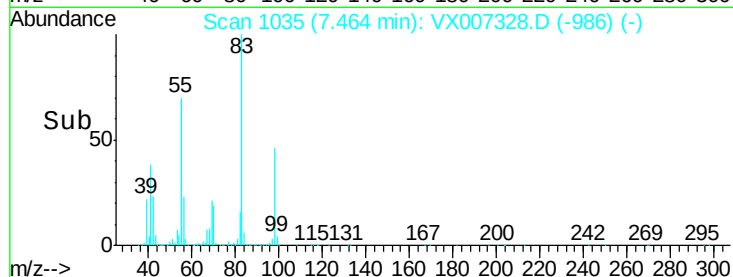
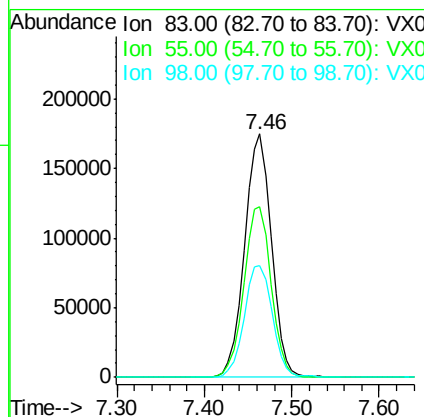
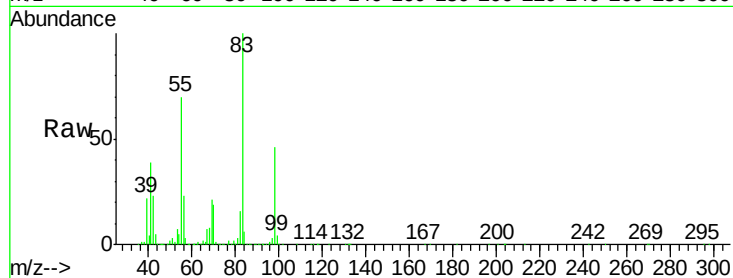
#39
Methylvlcyclohexane
Concen: 48.321 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	371816		
55	70.2		56.2	84.2
98	46.0		36.8	55.2

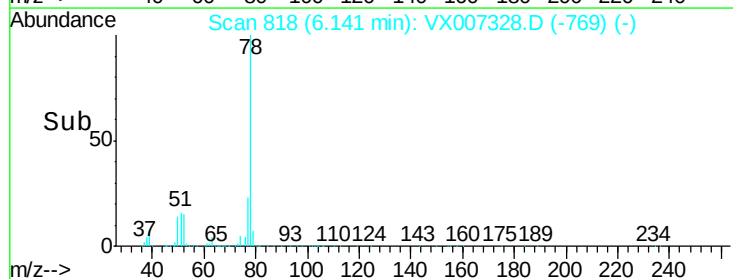
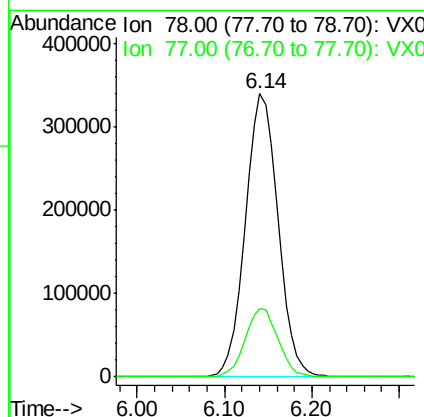
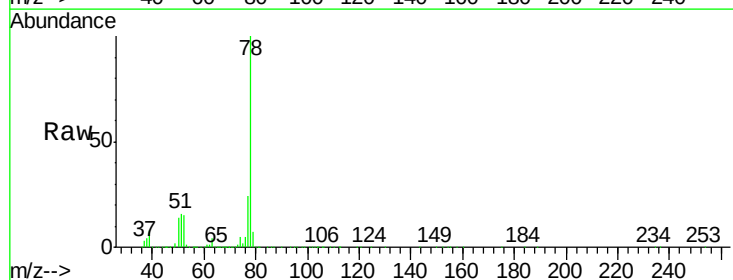
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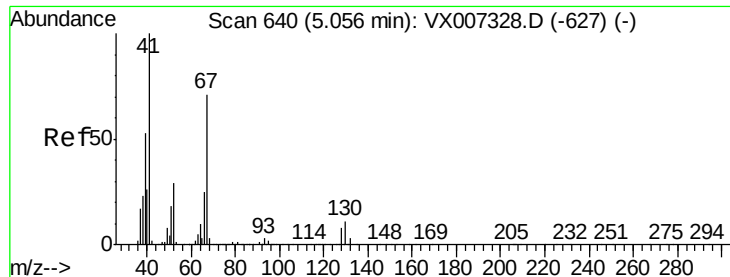
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#40
Benzene
Concen: 47.252 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	885232		
77	24.1		19.3	28.9





#41

Methacrylonitrile

Concen: 47.097 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

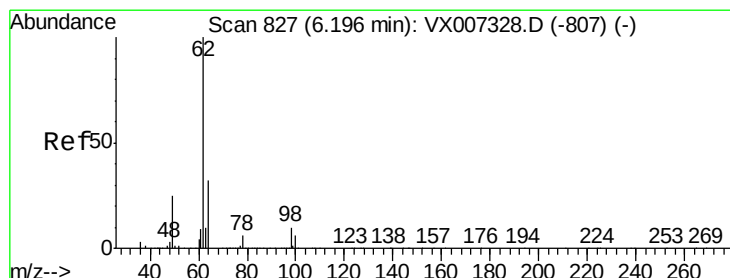
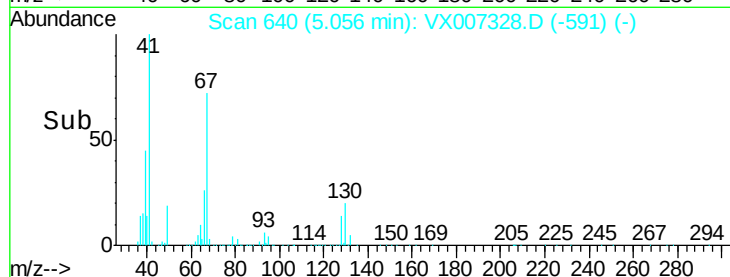
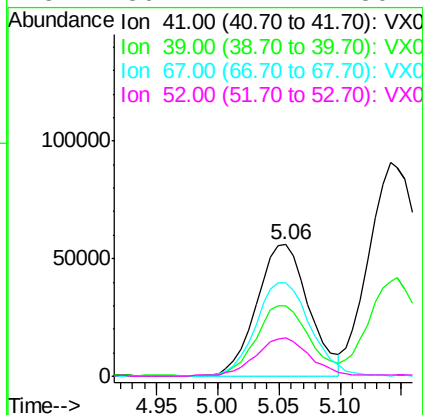
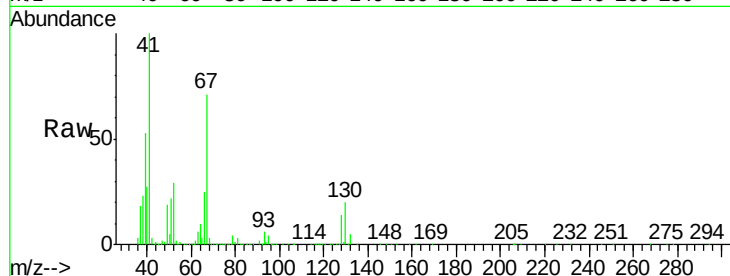
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		165474		
39	55.6	44.5	66.7		
67	75.5	60.4	90.6		
52	30.1	24.1	36.1		

Manual Integrations
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MMDadoda
2/4/2019 9:37:32 AM



#42

1,2-Dichloroethane

Concen: 46.624 ug/l

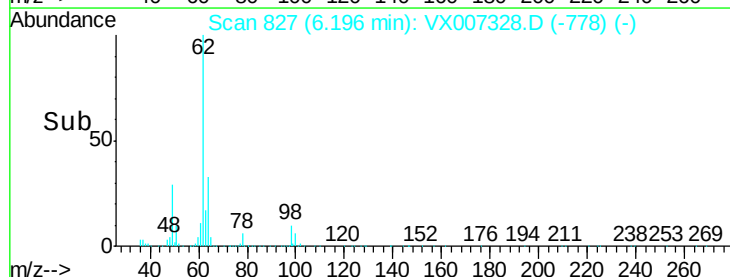
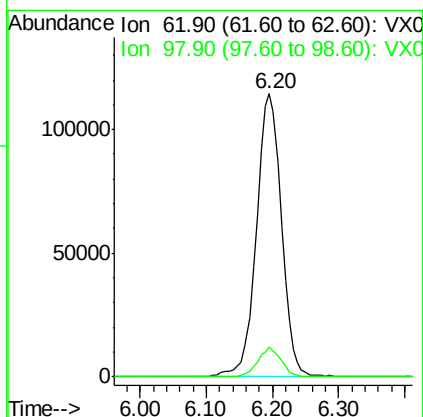
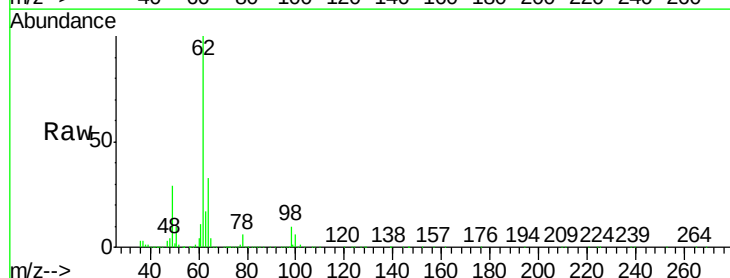
RT: 6.20 min Scan# 827

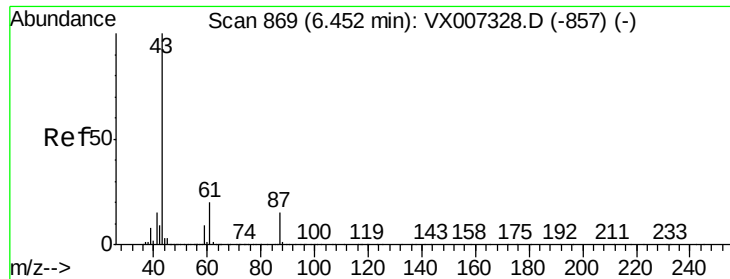
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		302215		
98	9.5	0.0	19.0		





#43

Isopropyl Acetate

Concen: 48.353 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

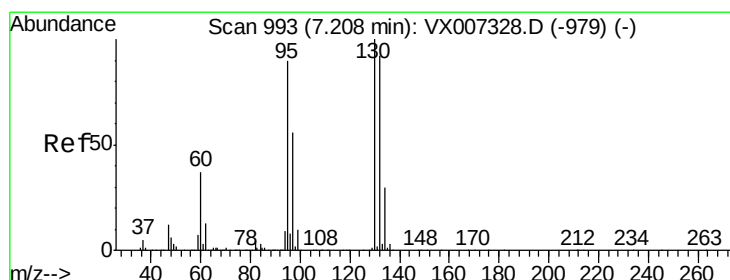
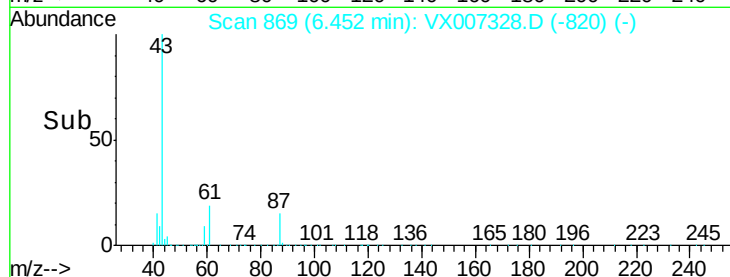
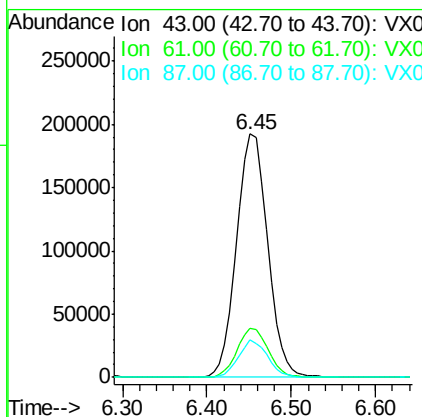
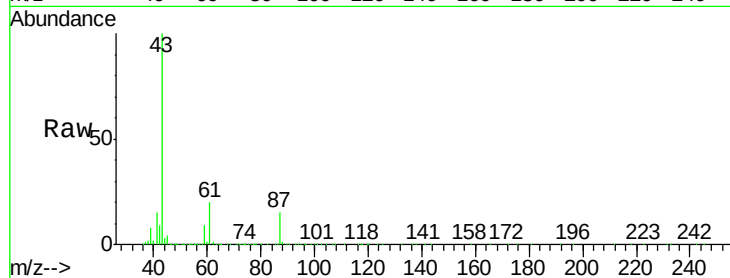
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	479824
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	14.4	11.5	17.3

Manual Integrations
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2/4/2019 9:37:32 AM



#44

Trichloroethene

Concen: 47.458 ug/l

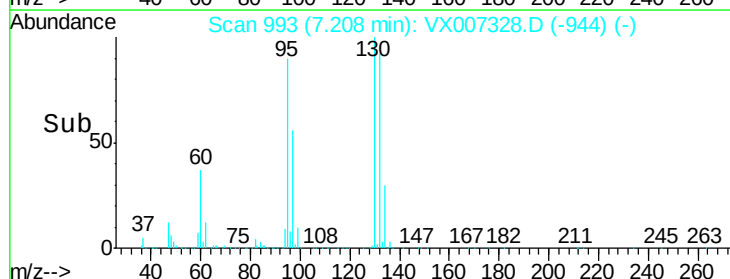
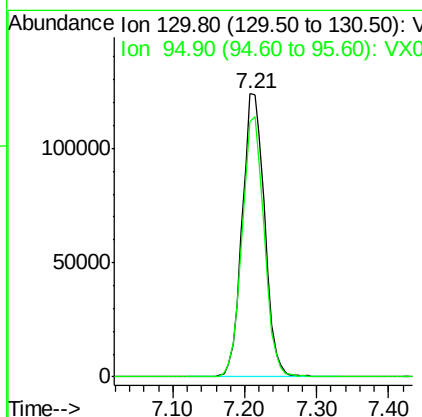
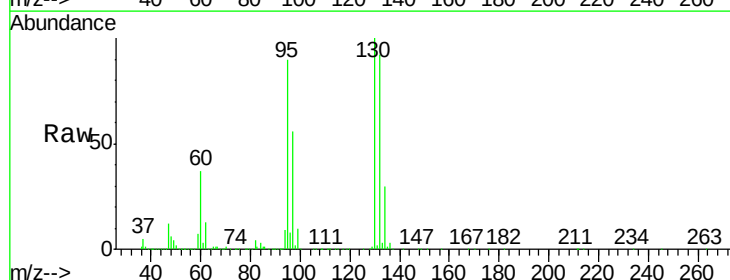
RT: 7.21 min Scan# 993

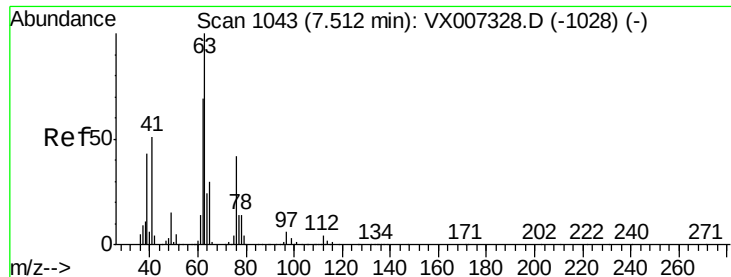
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	130	Resp:	267773
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	180.0





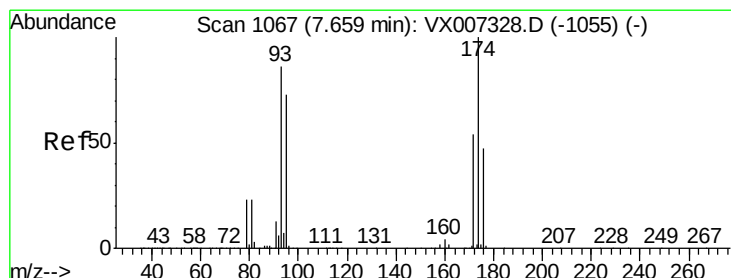
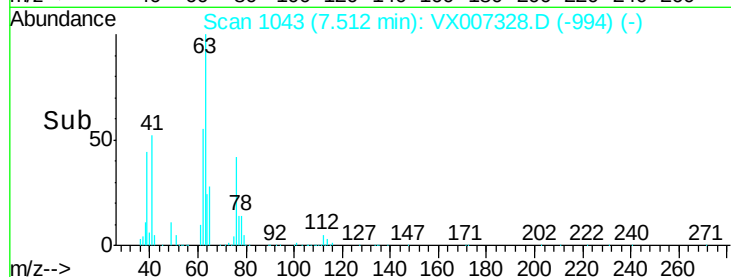
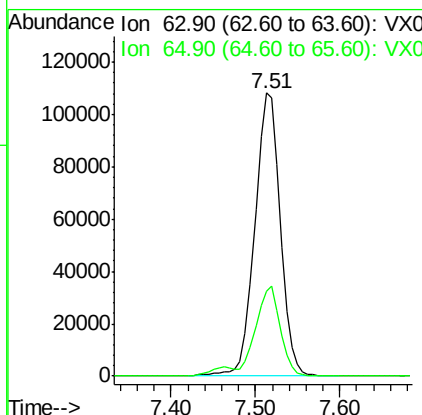
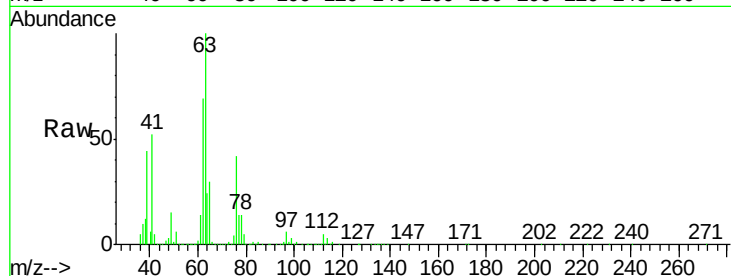
#45
 1,2-Dichloropropane
 Concen: 47.568 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.2	36.2

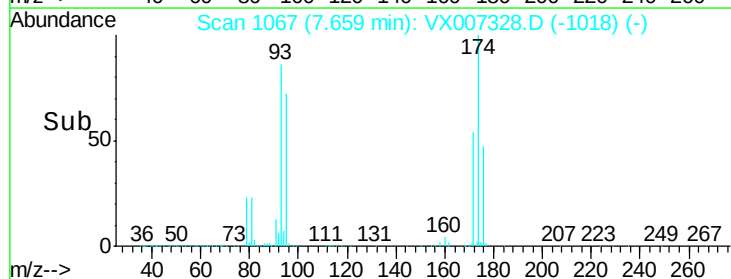
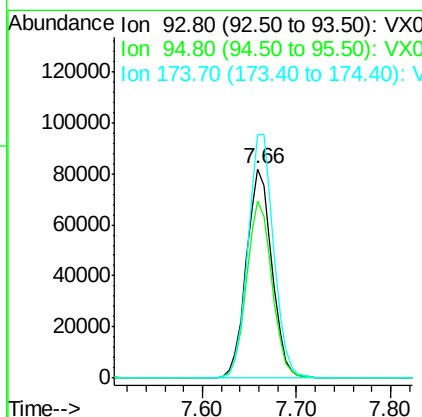
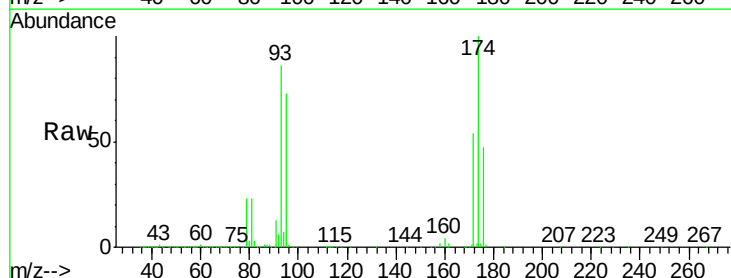
Manual Integrations
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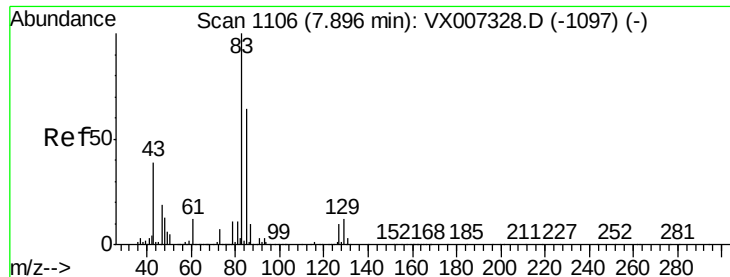
MMDadoda
 2/4/2019 9:37:32 AM



#46
 Dibromomethane
 Concen: 45.770 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.6	101.4
174	117.8	94.2	141.4





#47

Bromodichloromethane

Concen: 48.587 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

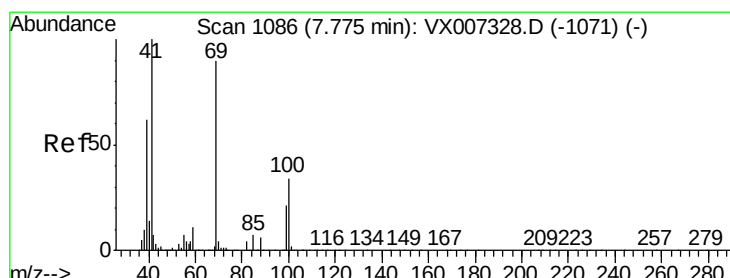
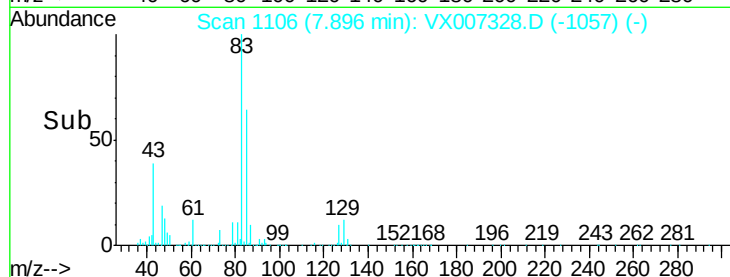
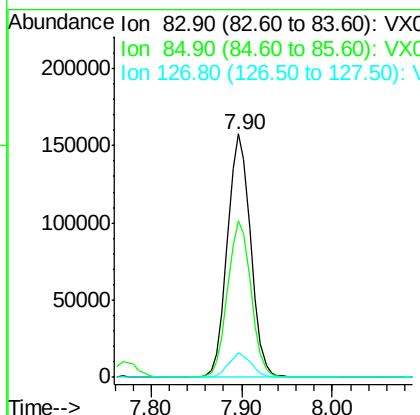
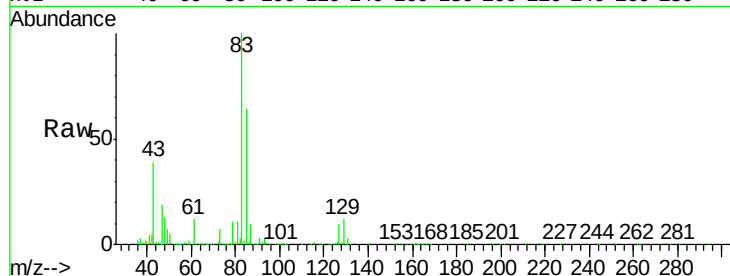
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	280923
Ion Ratio		Lower	Upper
83	100		
85	64.2	51.4	77.0
127	10.1	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.962 ug/l

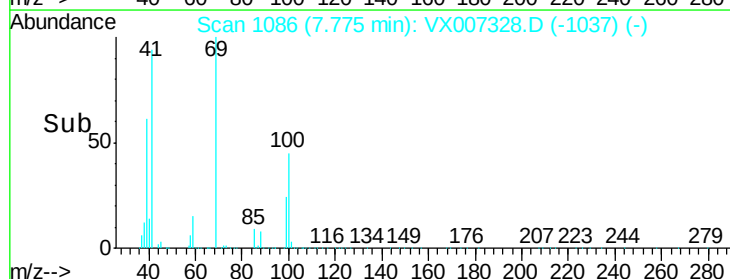
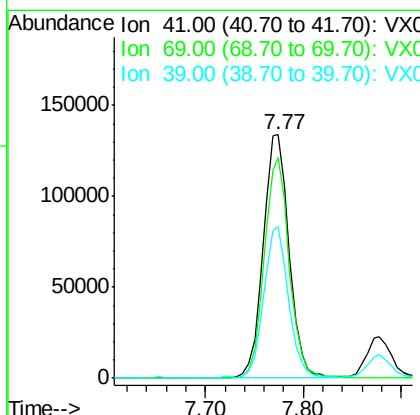
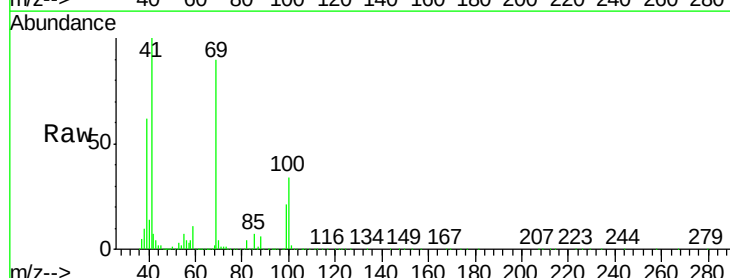
RT: 7.77 min Scan# 1086

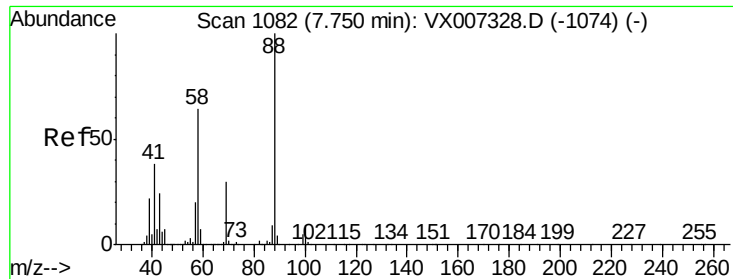
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	41	Resp:	247990
Ion Ratio		Lower	Upper
41	100		
69	87.8	70.2	105.4
39	59.2	47.4	71.0





#49

1,4-Dioxane

Concen: 861.419 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

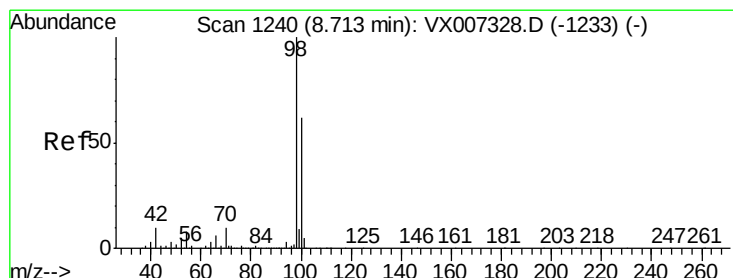
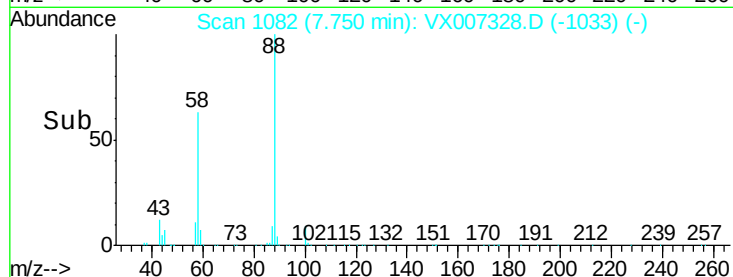
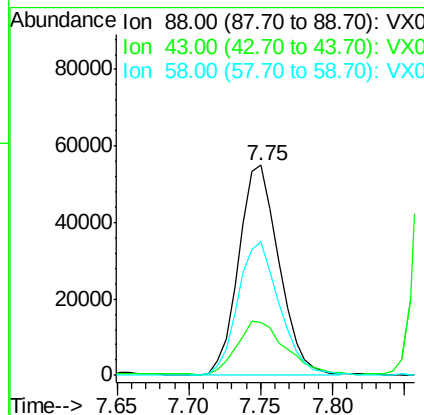
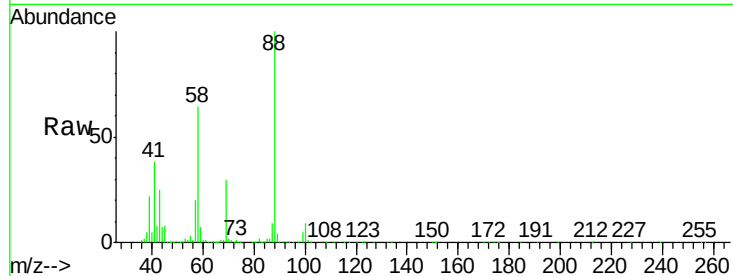
ClientSampleId :

VSTDICCC050

Tot Ion:	88	Resp:	106411
Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.2	36.4
58	66.2	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 49.466 ug/l

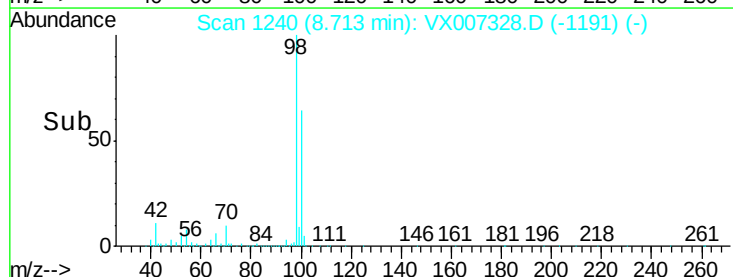
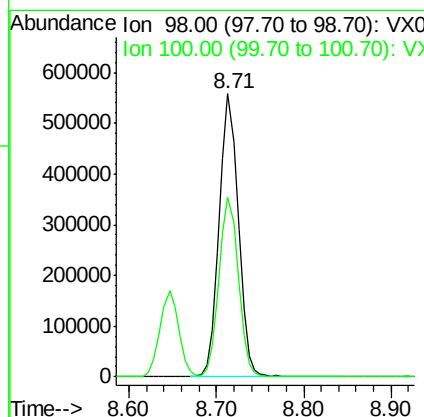
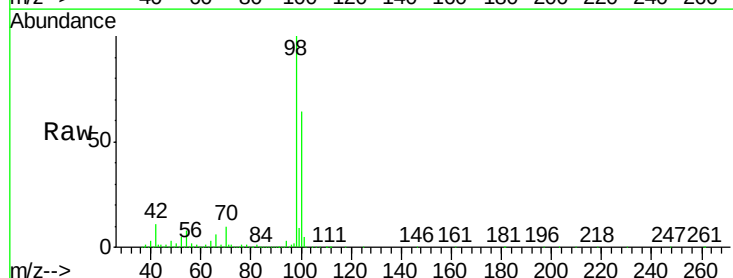
RT: 8.71 min Scan# 1240

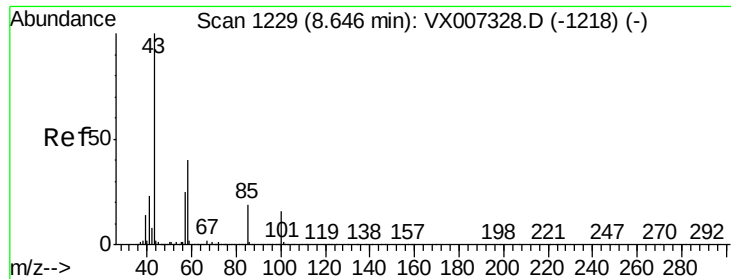
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	98	Resp:	846435
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 243.836 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1592867

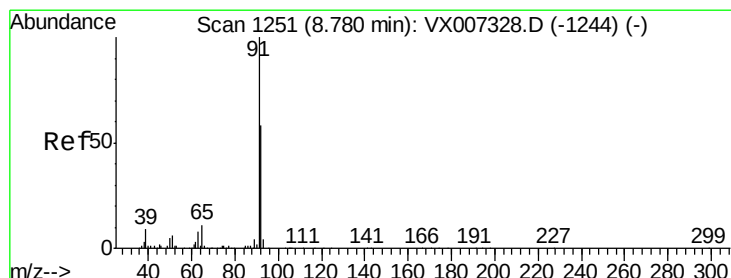
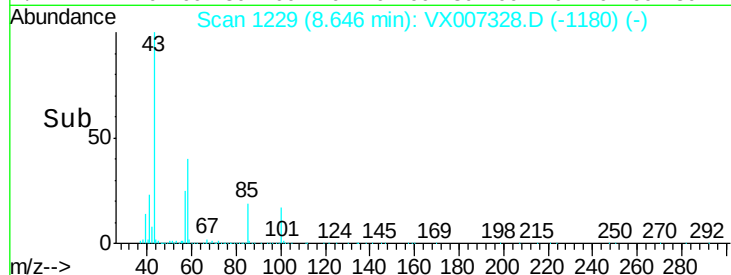
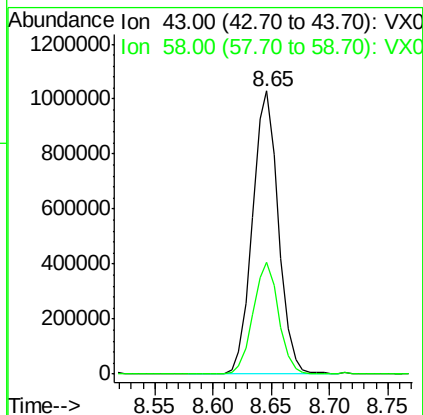
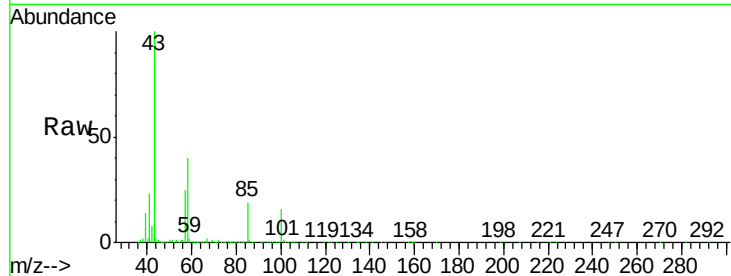
Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8

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#52

Toluene

Concen: 48.113 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007328.D

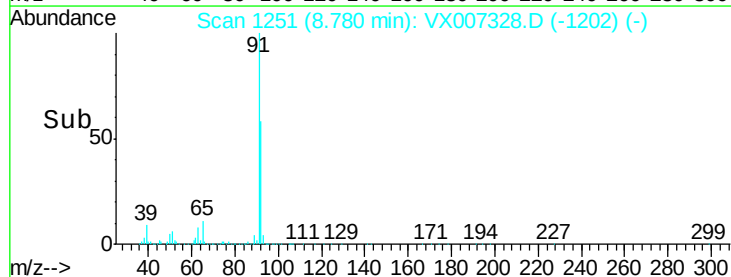
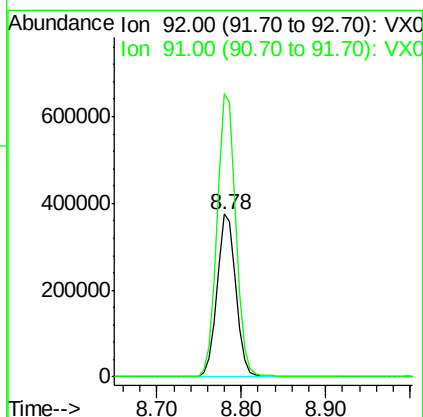
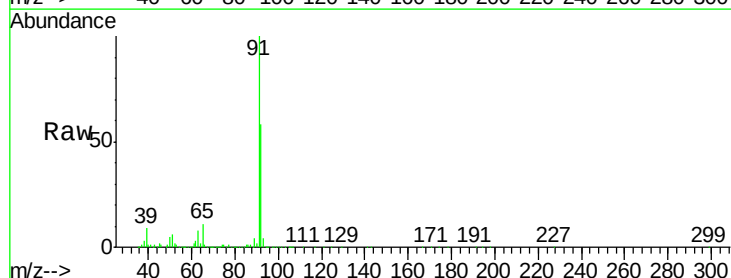
Acq: 01 Feb 2019 10:55

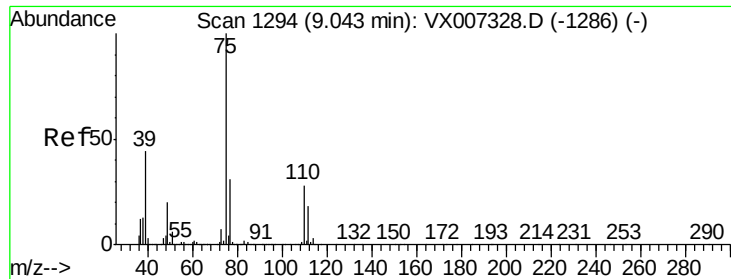
Tgt Ion: 92 Resp: 581541

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7





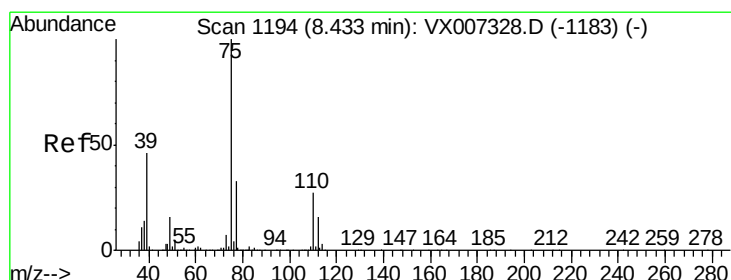
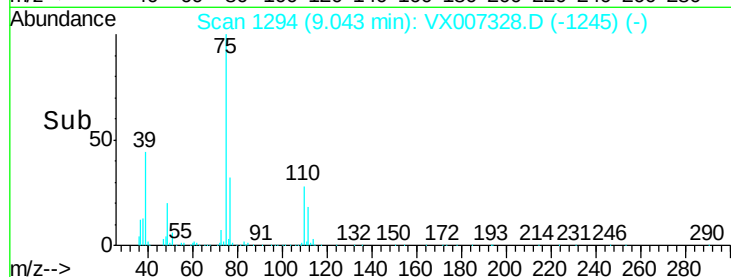
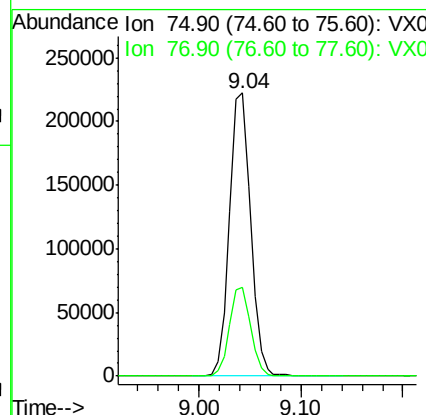
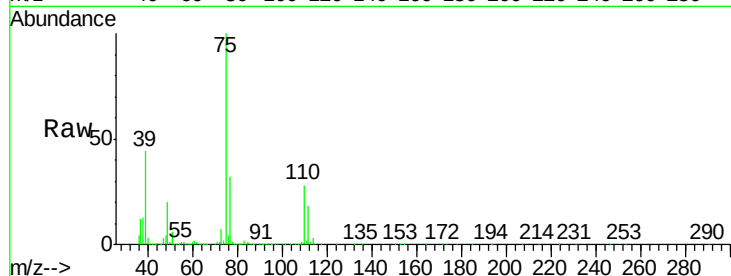
#53
t-1,3-Dichloropropene
Concen: 51.523 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8

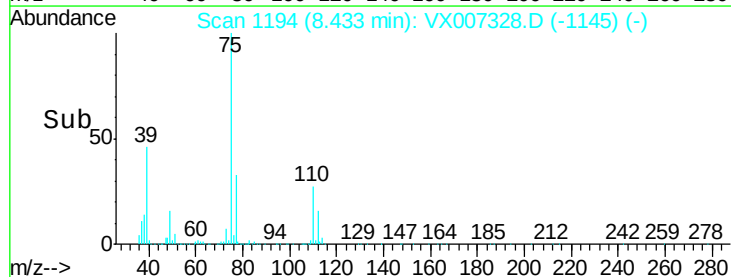
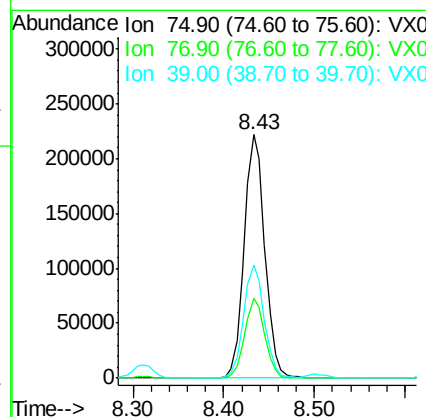
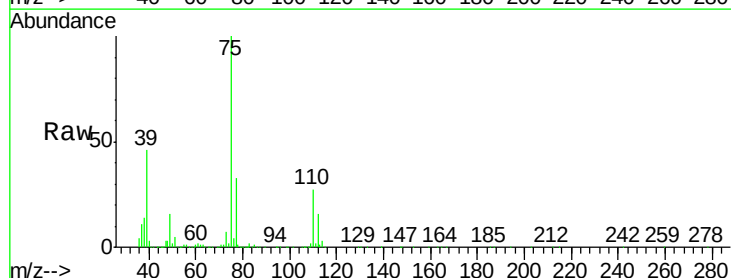
Manual Integrations
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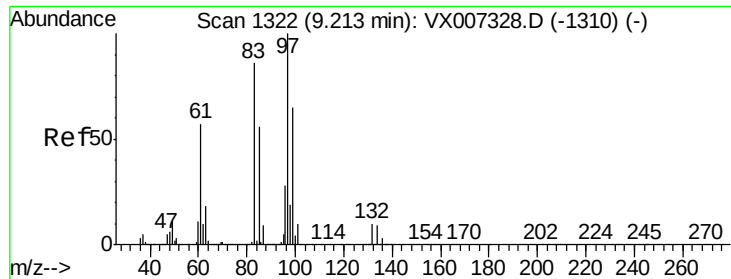
MMDadoda
2/4/2019 9:37:32 AM



#54
cis-1,3-Dichloropropene
Concen: 51.155 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.2	39.4
39	46.4	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 46.581 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

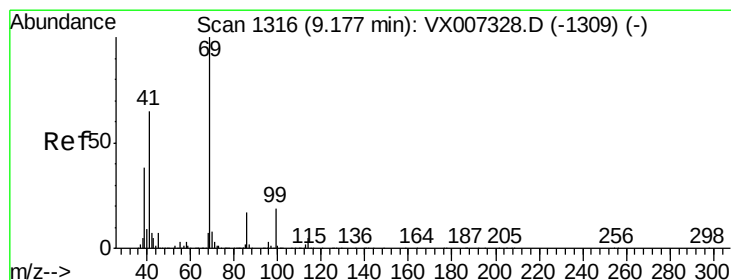
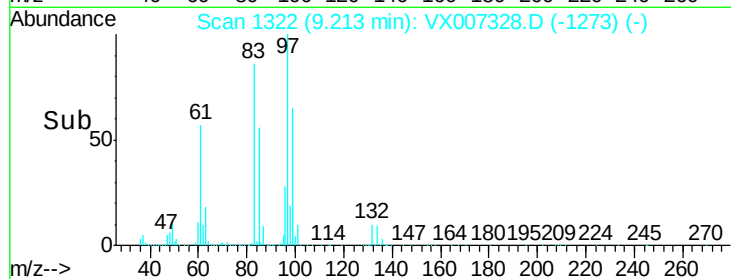
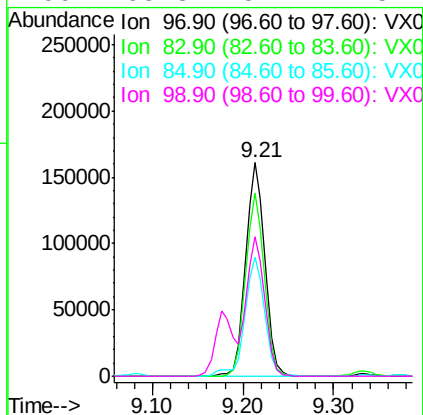
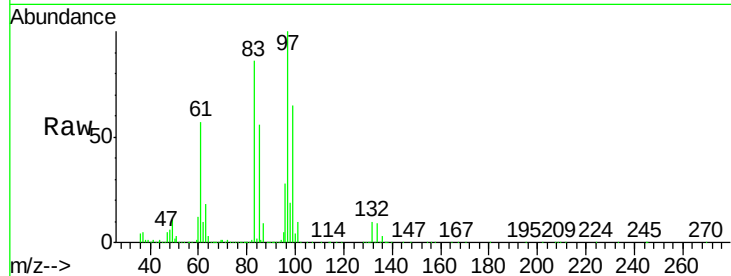
ClientSampled :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		234697		
83	85.7	68.6	102.8		
85	55.6	44.5	66.7		
99	65.3	52.2	78.4		

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#56

Ethyl methacrylate

Concen: 49.631 ug/l

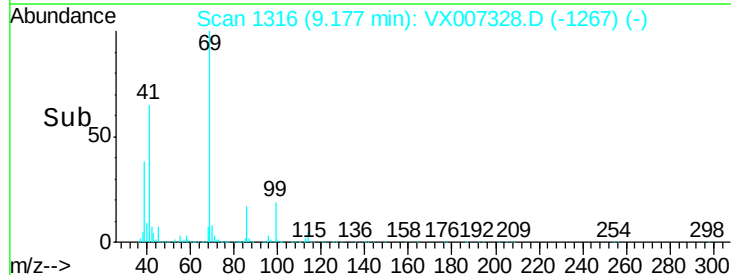
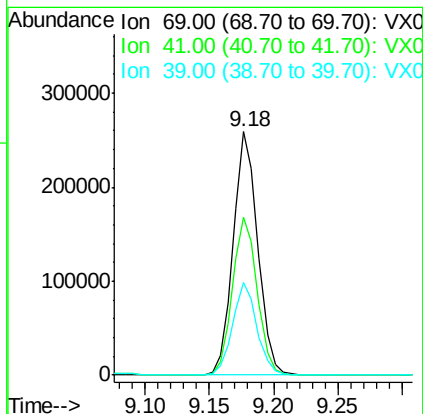
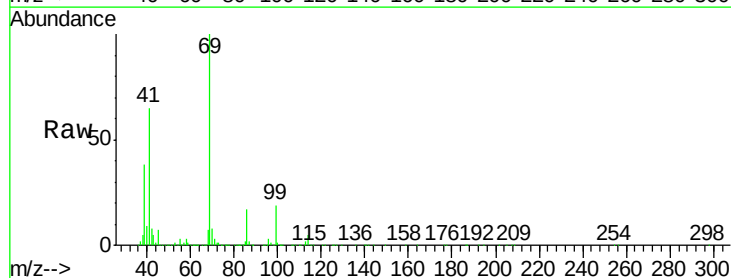
RT: 9.18 min Scan# 1316

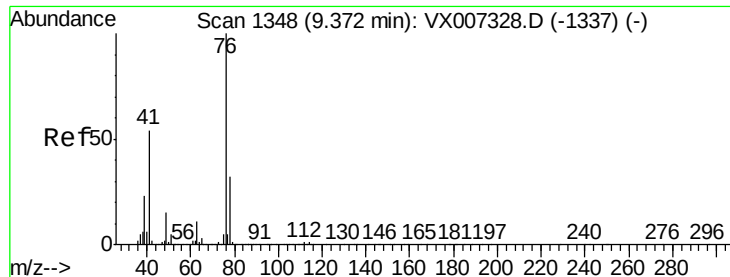
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		346337		
41	65.1	52.1	78.1		
39	37.6	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 47.321 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 379163

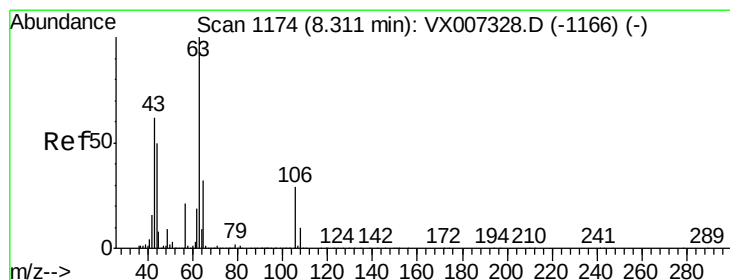
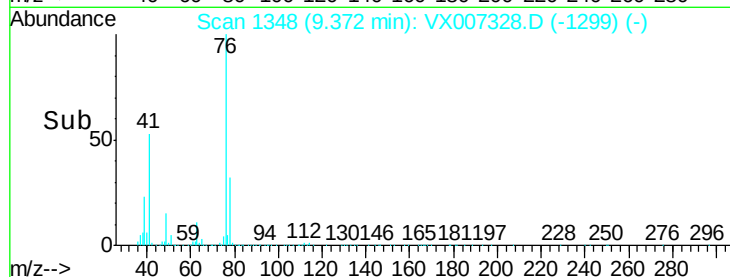
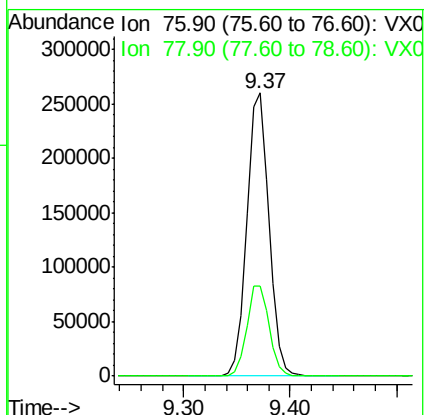
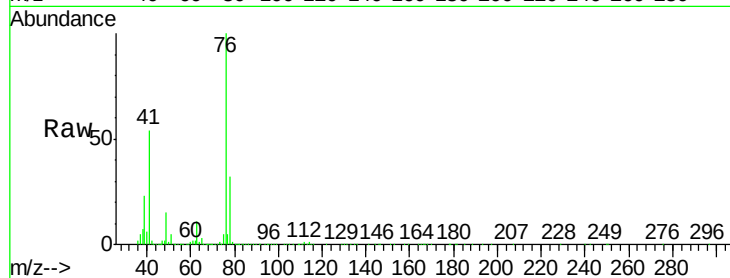
Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 251.306 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007328.D

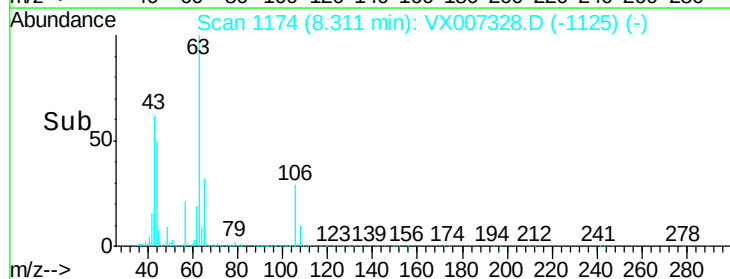
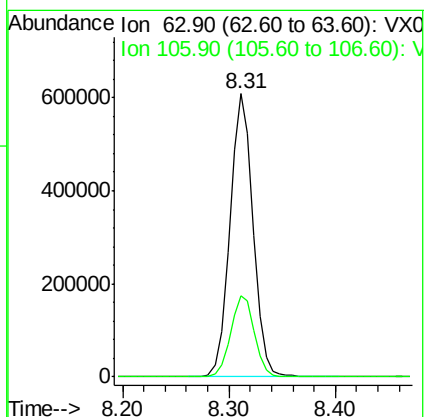
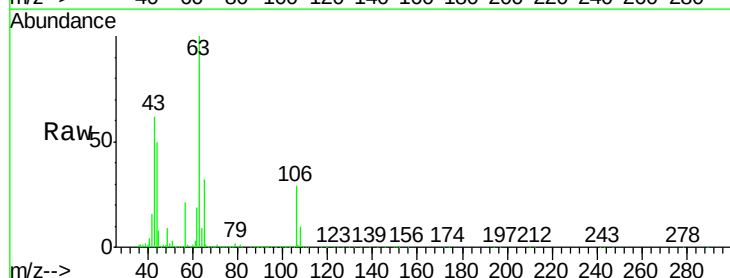
Acq: 01 Feb 2019 10:55

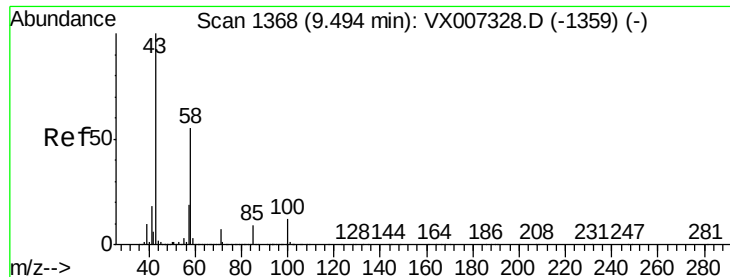
Tgt Ion: 63 Resp: 924336

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4





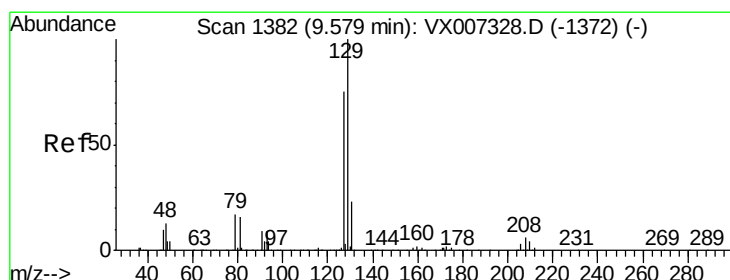
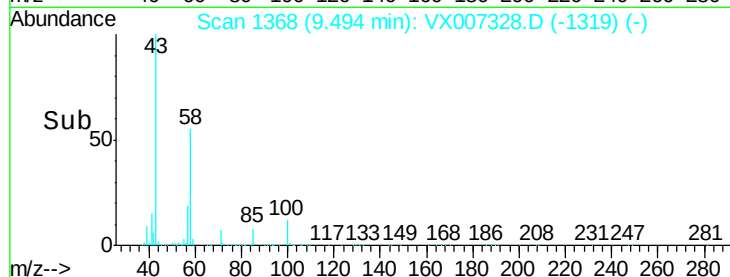
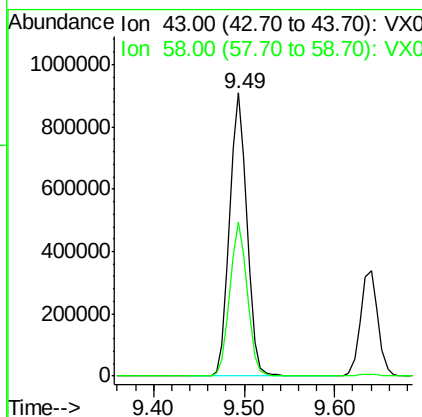
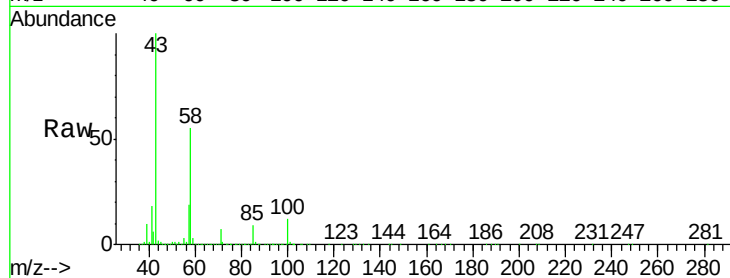
#59
2-Hexanone
Concen: 238.488 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 1212334
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

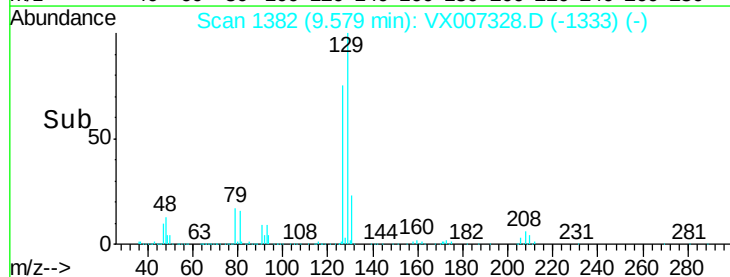
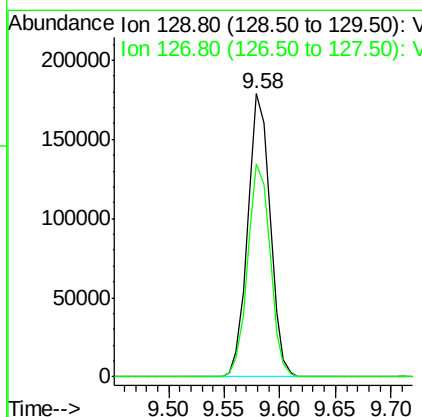
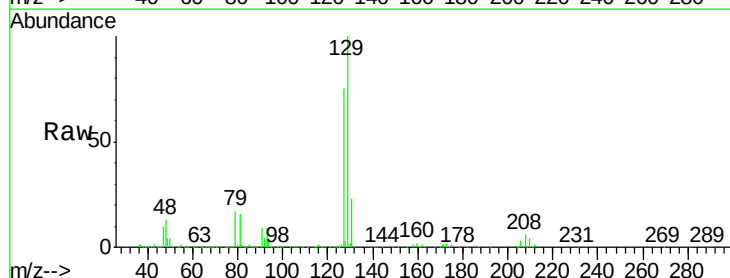
Manual Integrations
APPROVED

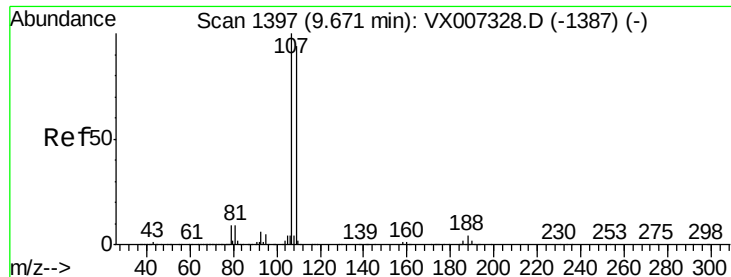
MMDadoda
2/4/2019 9:37:32 AM



#60
Dibromochloromethane
Concen: 52.784 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 129 Resp: 251523
Ion Ratio Lower Upper
129 100
127 75.6 37.8 113.4





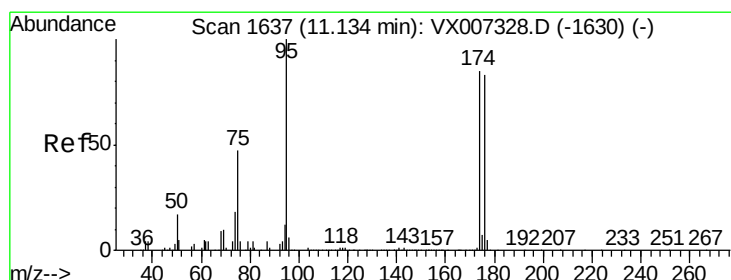
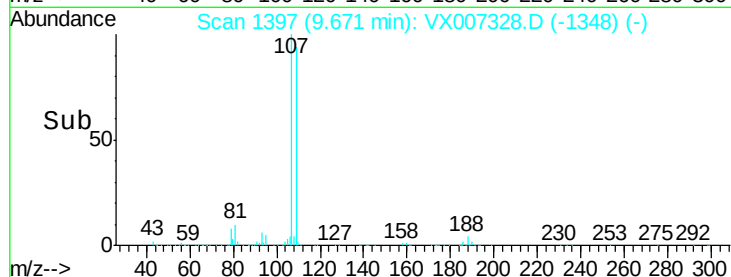
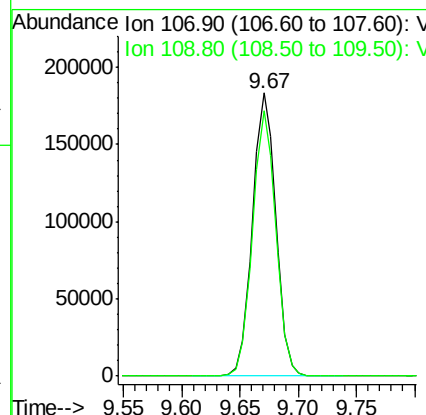
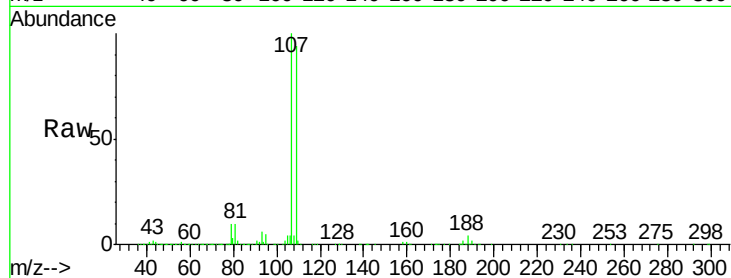
#61
 1,2-Dibromoethane
 Concen: 48.272 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

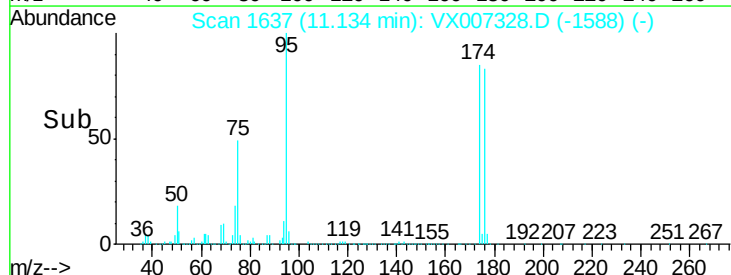
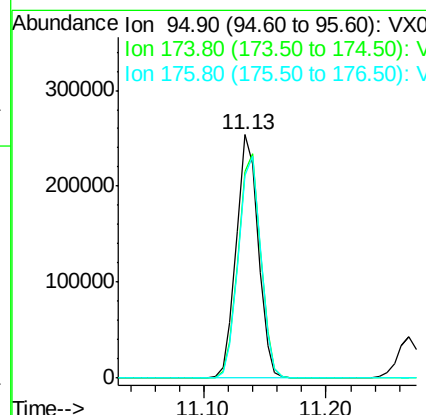
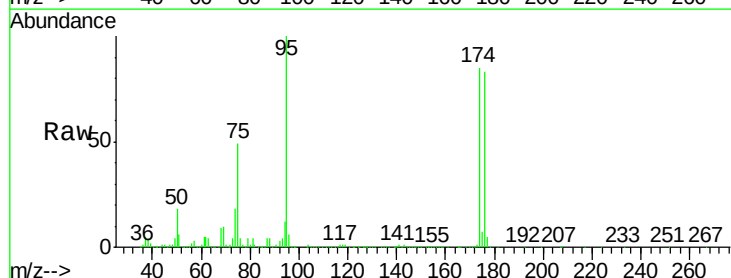
Manual Integrations
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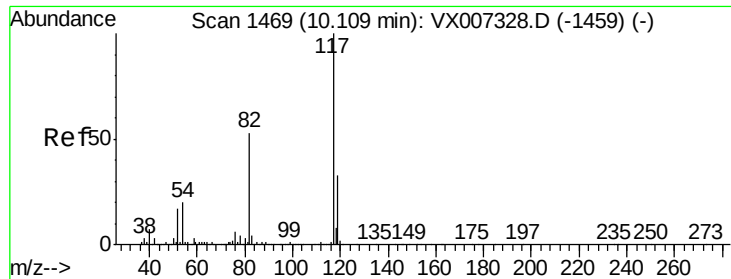
MMDadoda
 2/4/2019 9:37:32 AM



#62
 4-Bromofluorobenzene
 Concen: 50.033 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	189.2
176	93.1	0.0	186.2





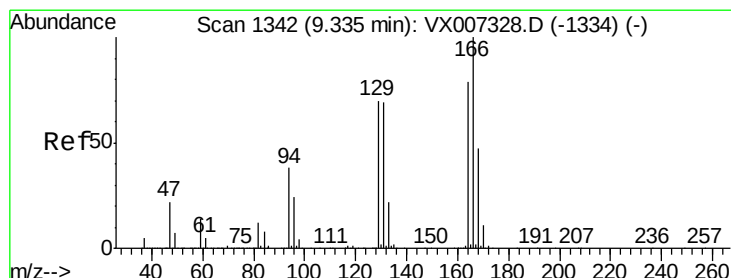
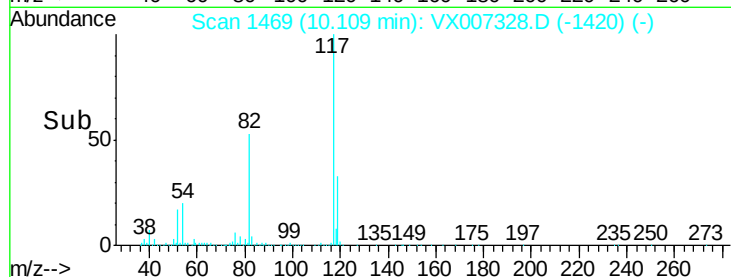
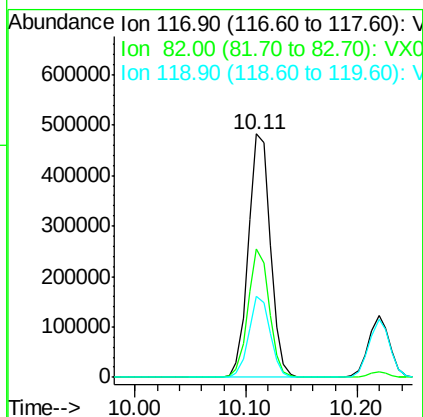
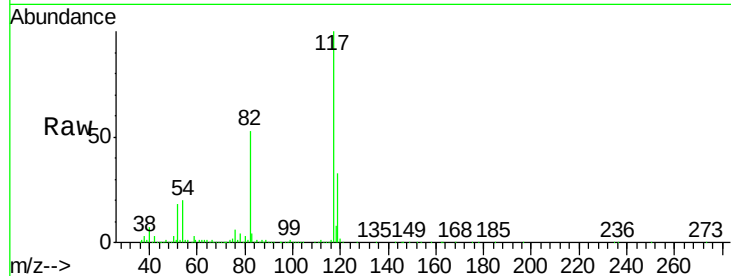
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	33.1	26.5	39.7

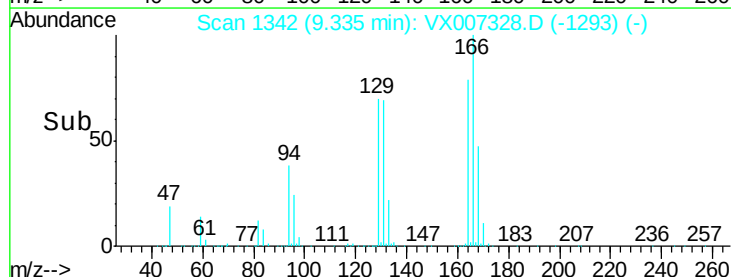
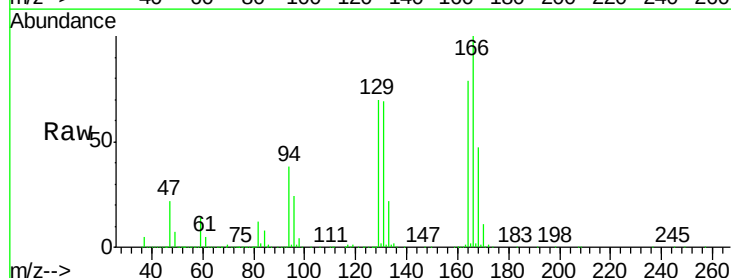
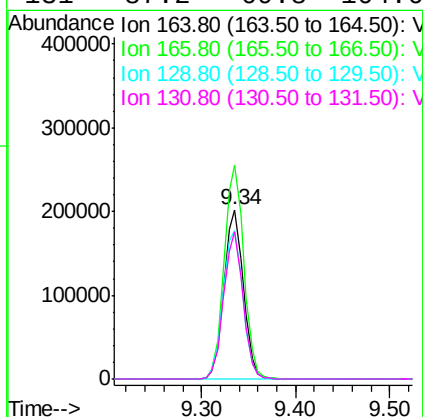
Manual Integrations
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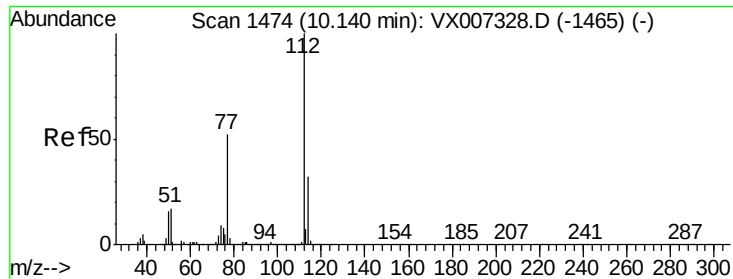
MMDadoda
2/4/2019 9:37:32 AM



#64
Tetrachloroethene
Concen: 46.272 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.0	151.4
129	88.1	70.5	105.7
131	87.2	69.8	104.6





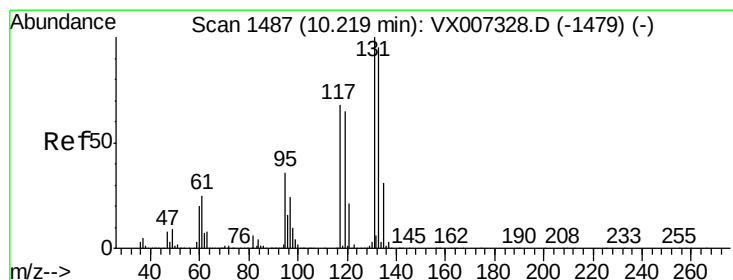
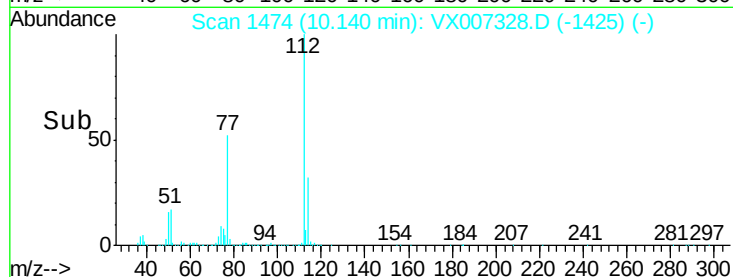
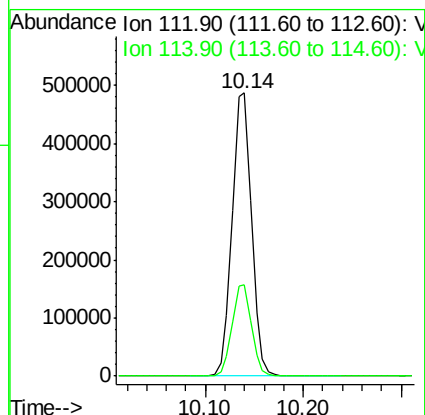
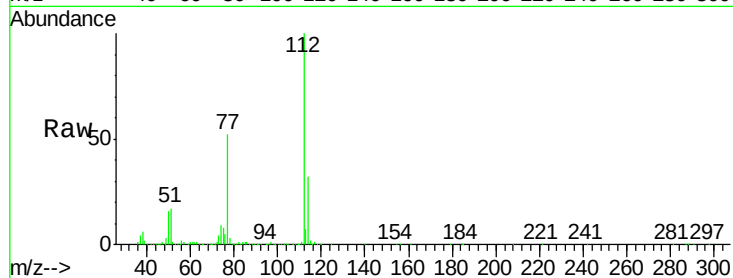
#65
Chlorobenzene
Concen: 46.652 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 674162
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

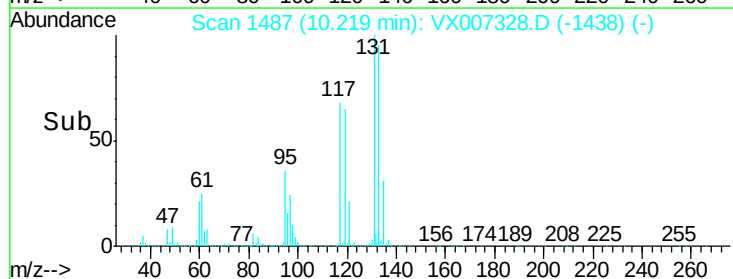
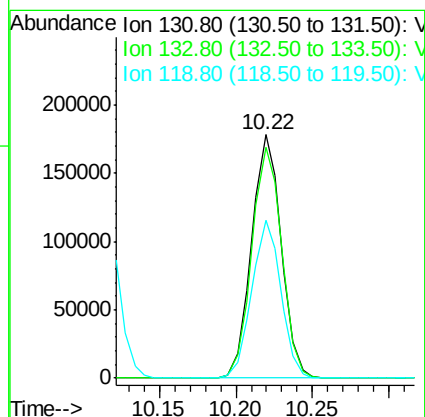
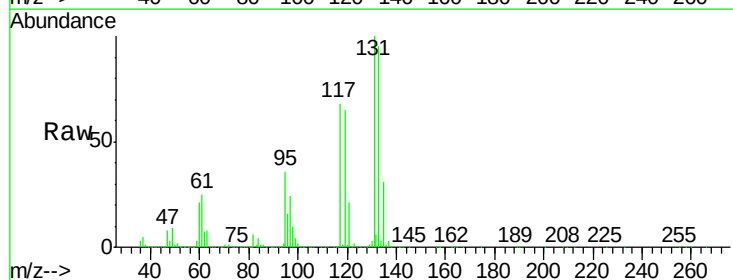
Manual Integrations
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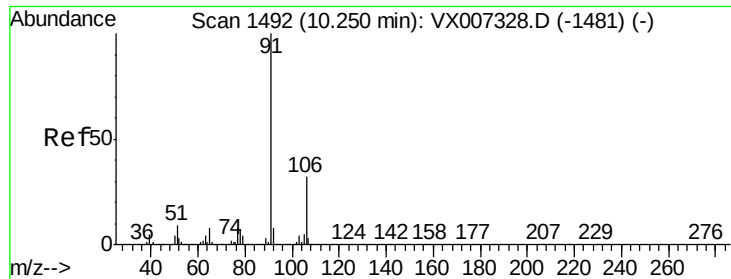
MMDadoda
2/4/2019 9:37:32 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.466 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion:131 Resp: 239661
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 64.0 32.0 96.0





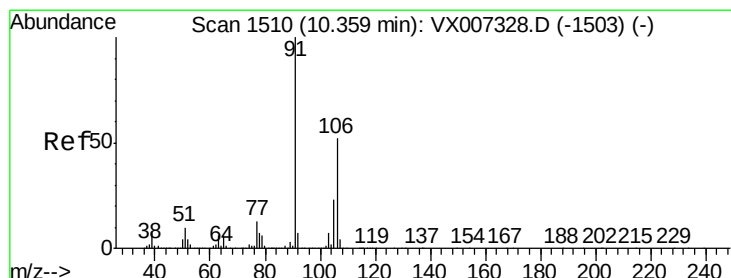
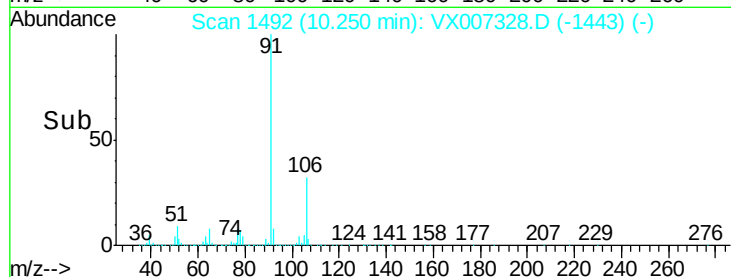
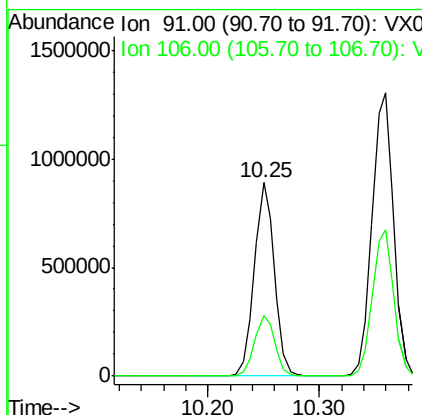
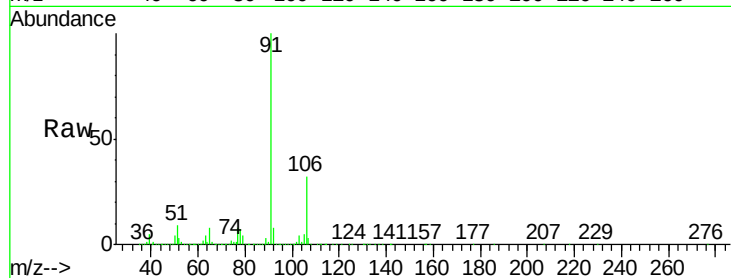
#67
Ethyl Benzene
Concen: 47.999 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1117018
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

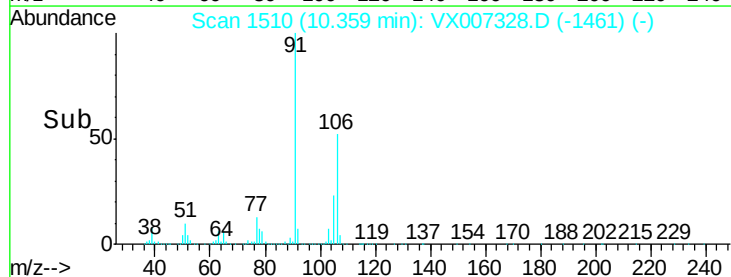
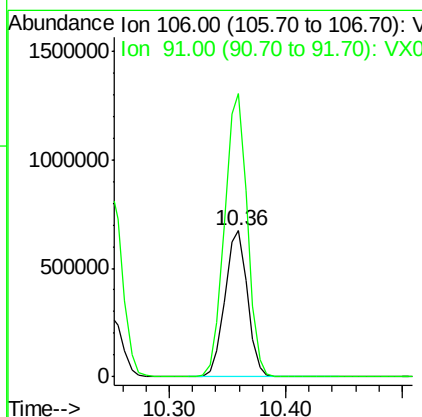
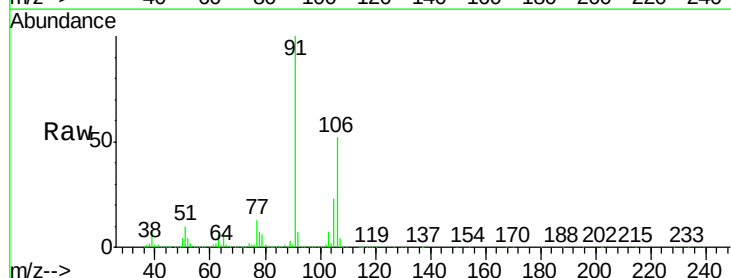
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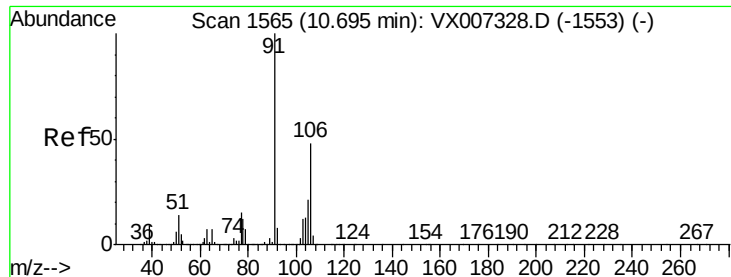
MMDadoda
2/4/2019 9:37:32 AM



#68
m/p-Xylenes
Concen: 97.212 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion: 106 Resp: 899282
Ion Ratio Lower Upper
106 100
91 195.7 156.6 234.8





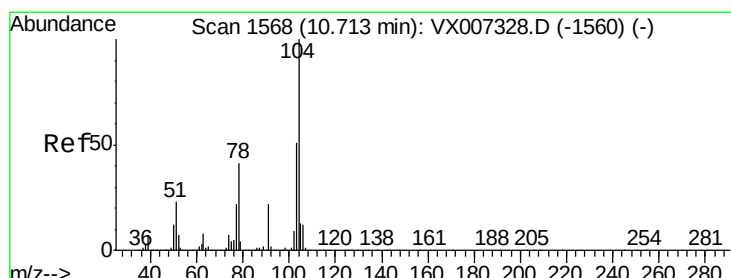
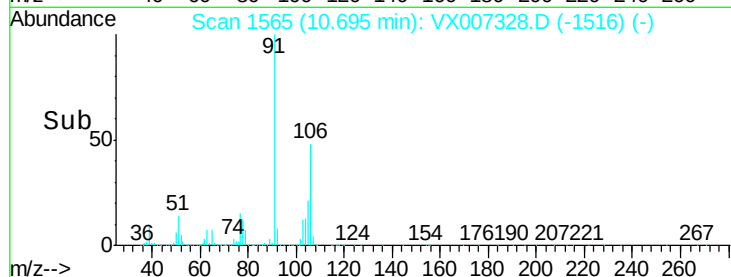
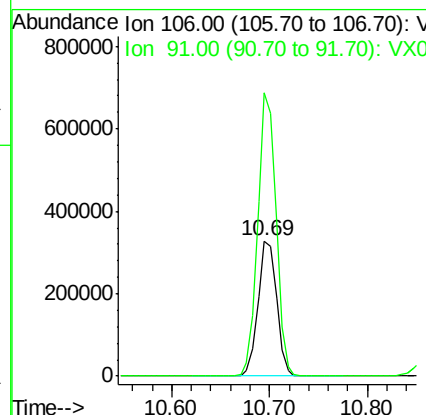
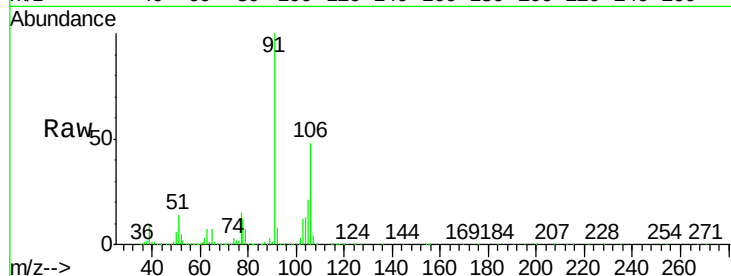
#69
o-Xylene
Concen: 48.906 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
435335	106	100		
	91	205.8	102.9	308.7

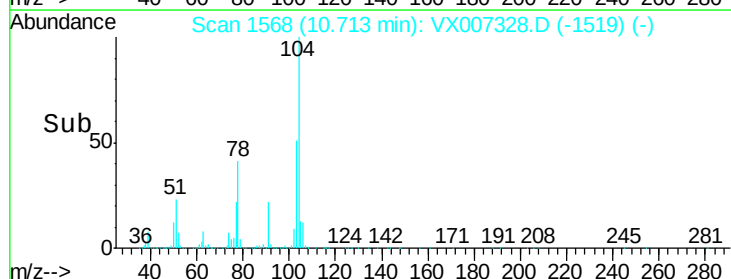
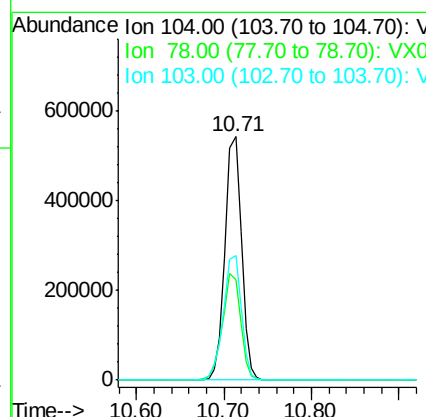
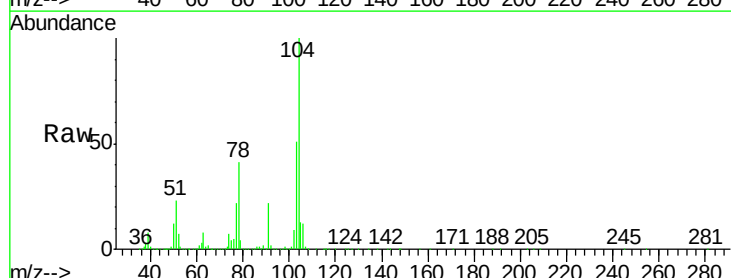
Manual Integrations
APPROVED

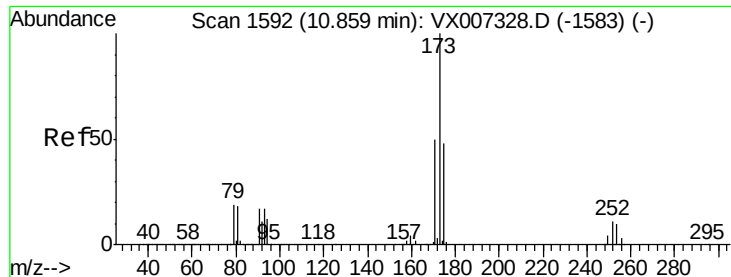
MMDadoda
2/4/2019 9:37:32 AM



#70
Styrene
Concen: 49.314 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
711909	104	100		
	78	47.9	38.3	57.5
	103	55.8	44.6	67.0





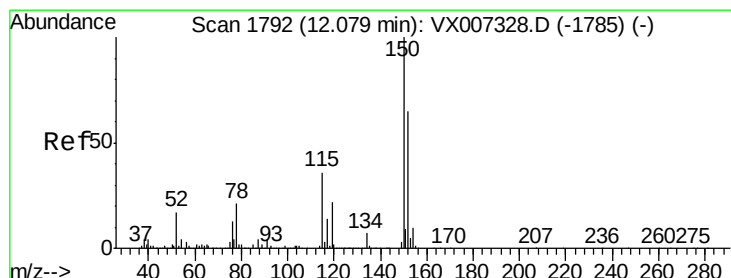
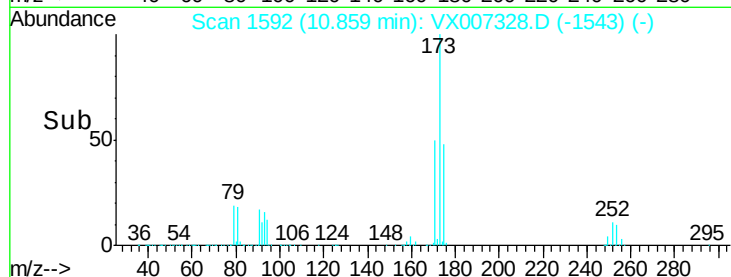
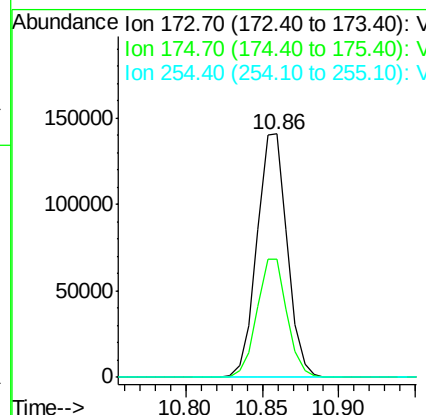
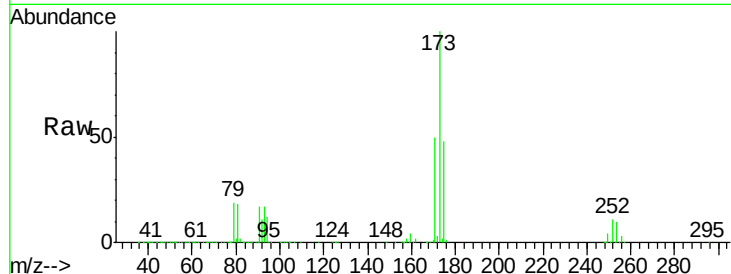
#71
Bromoform
Concen: 51.717 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.2	0.2	0.2

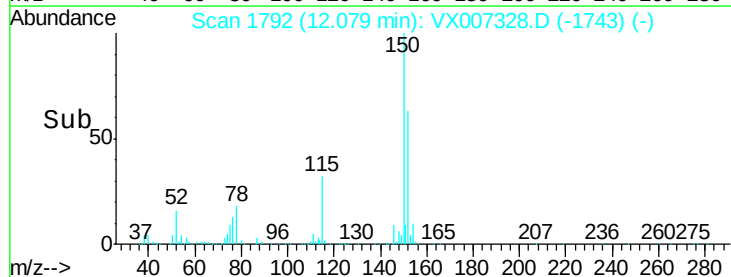
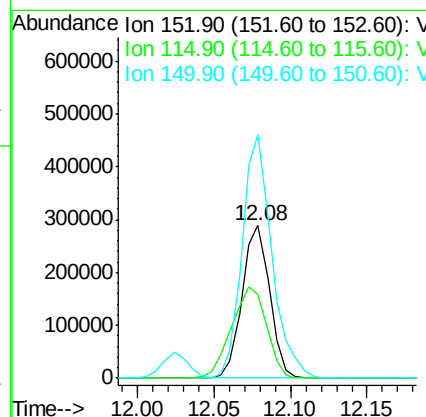
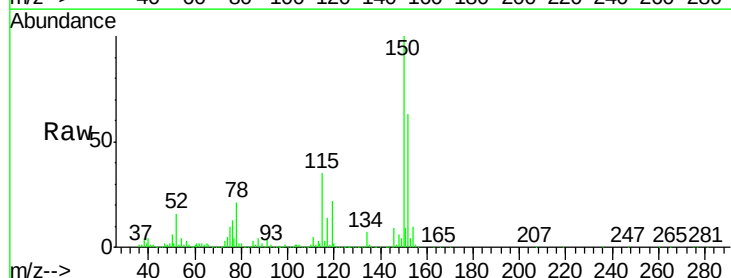
Manual Integrations
APPROVED

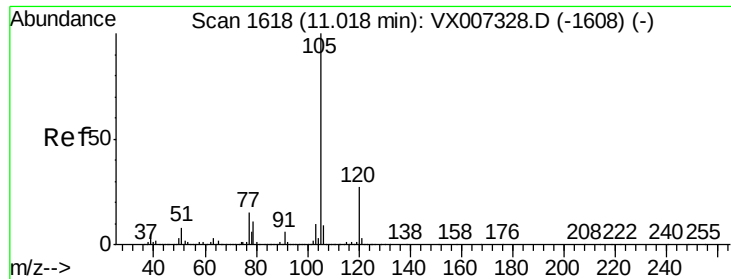
MMDadoda
2/4/2019 9:37:32 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.0	38.0	114.0
150	173.2	0.0	346.4





#73

Isopropylbenzene

Concen: 47.106 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1149592

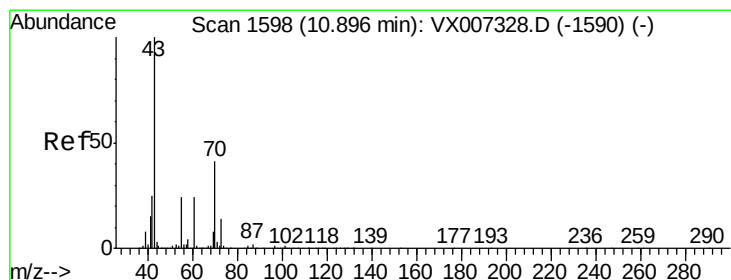
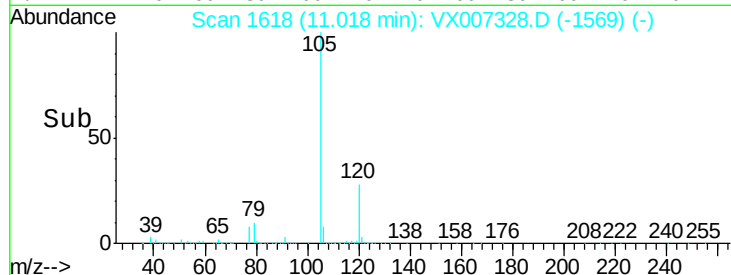
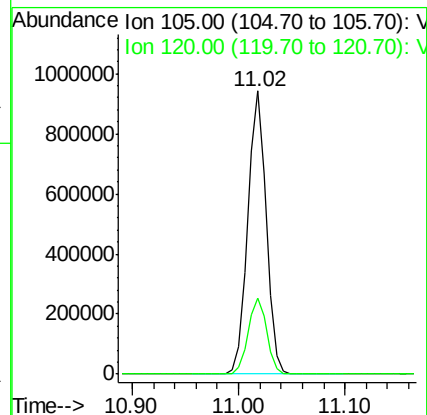
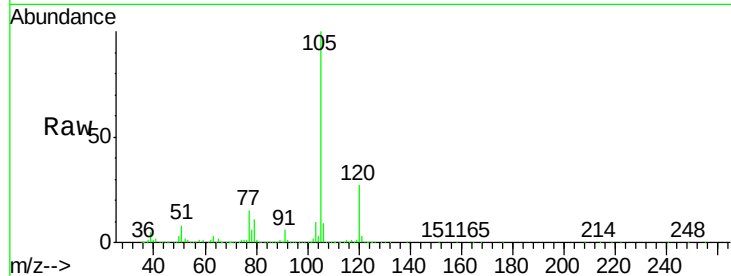
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7

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MMDadoda
2/4/2019 9:37:32 AM



#74

N-ethyl acetate

Concen: 47.673 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion: 43 Resp: 450007

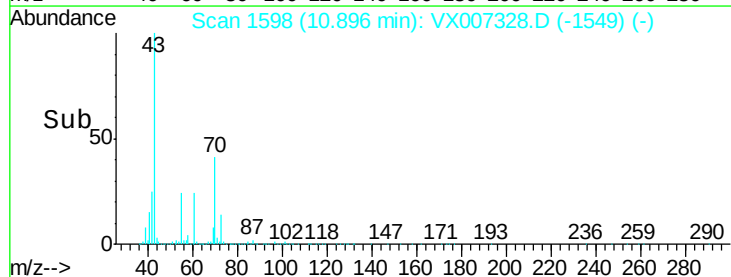
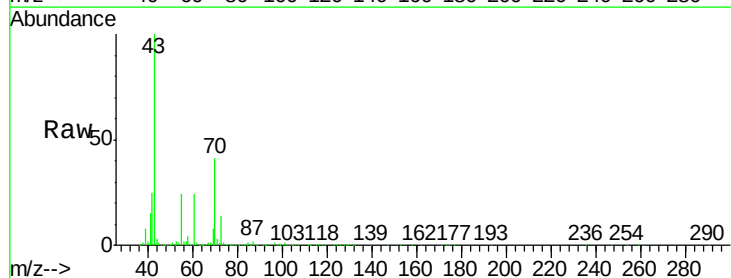
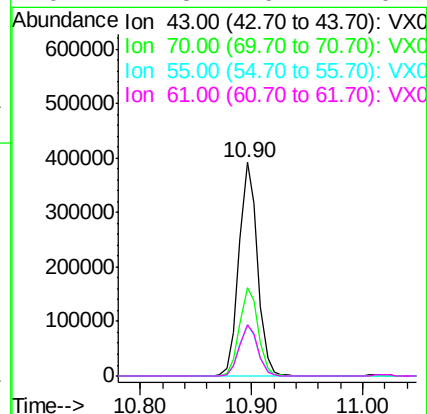
Ion Ratio Lower Upper

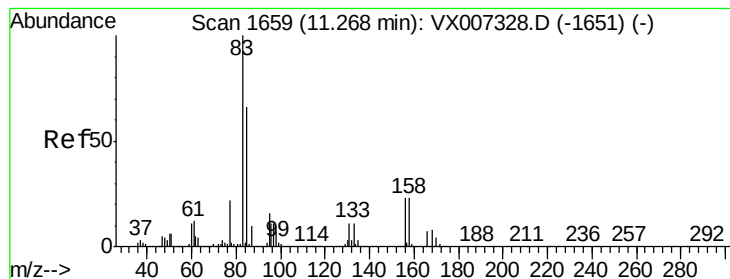
43 100

70 42.2 33.8 50.6

55 24.4 19.5 29.3

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.465 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

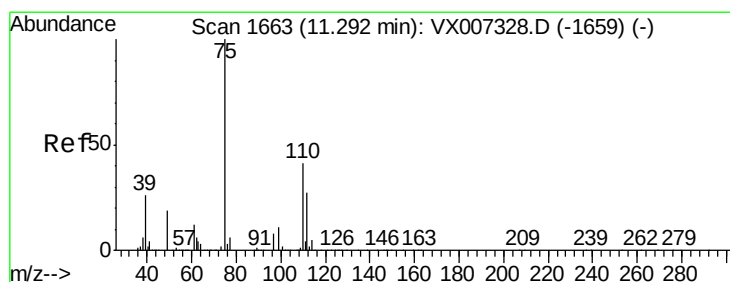
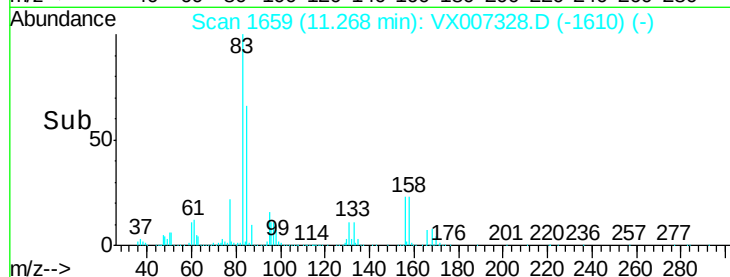
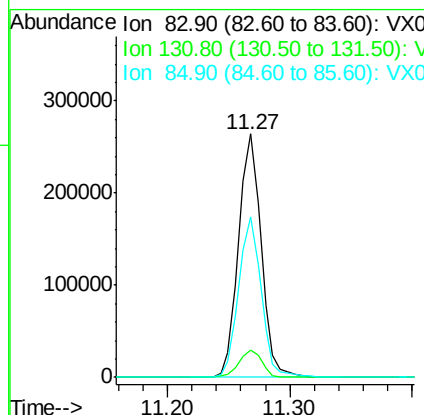
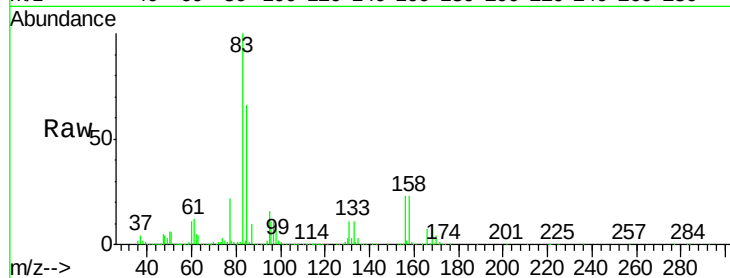
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	338146
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.0
85	65.5	32.8	98.3

Manual Integrations
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2/4/2019 9:37:32 AM



#76

1,2,3-Trichloropropane

Concen: 45.846 ug/l m

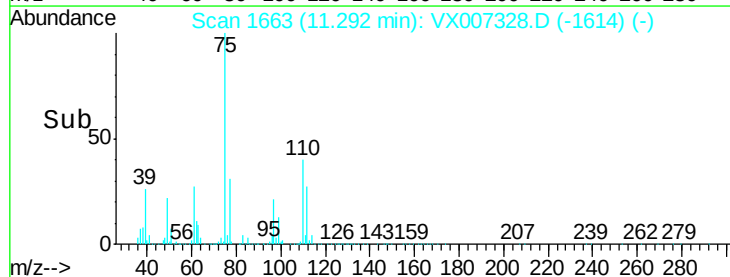
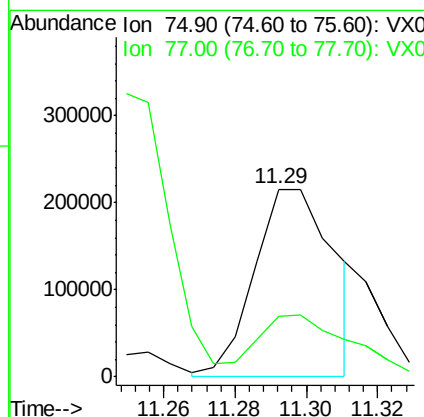
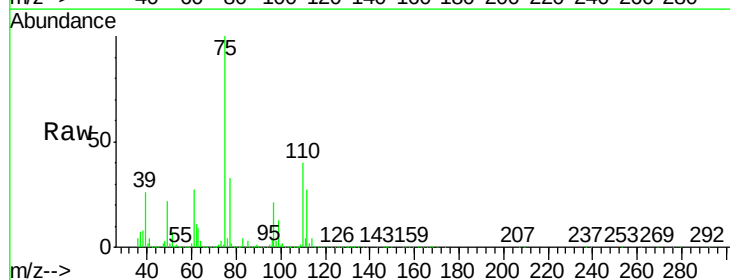
RT: 11.29 min Scan# 1663

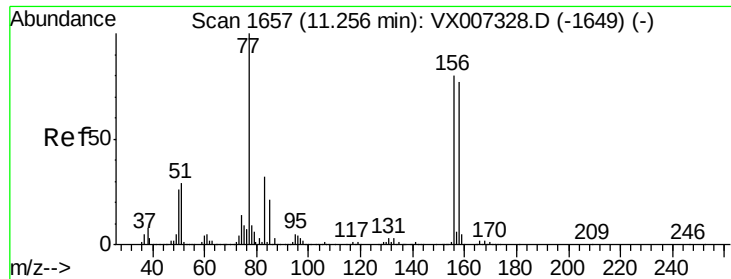
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	75	Resp:	333804
Ion Ratio	Lower	Upper	
75	100		
77	39.4	23.0	69.0





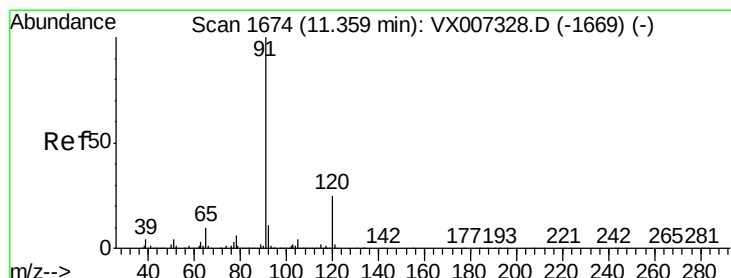
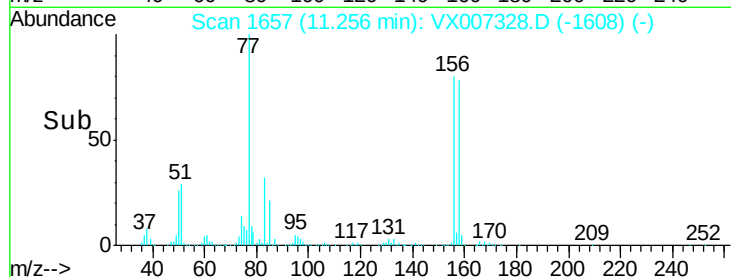
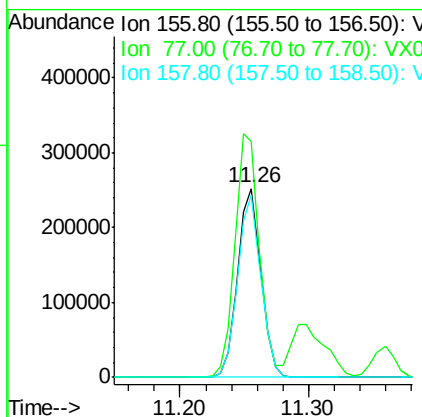
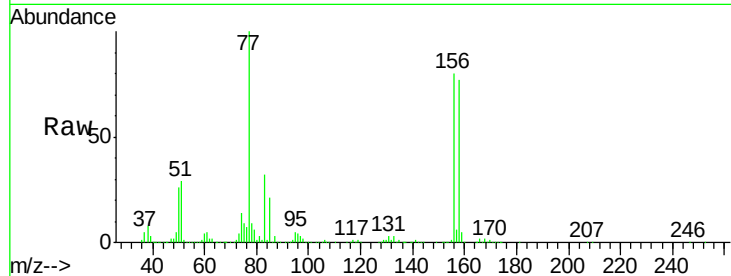
#77
Bromobenzene
Concen: 46.312 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.7	66.8	200.6
158	95.9	47.9	143.8

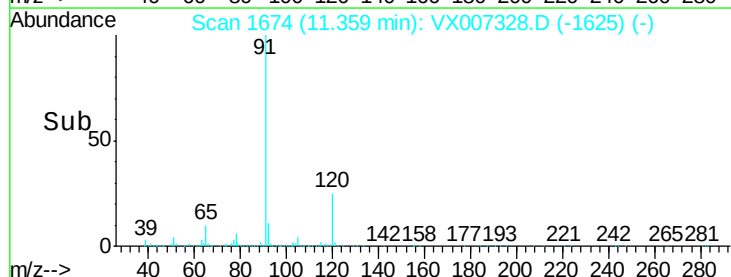
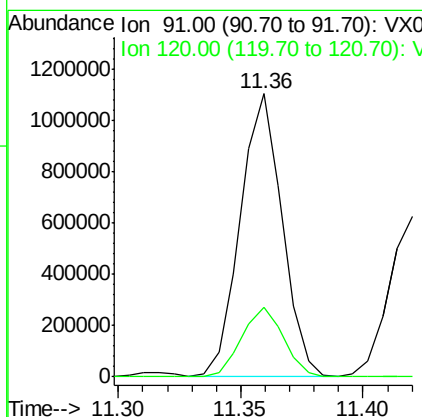
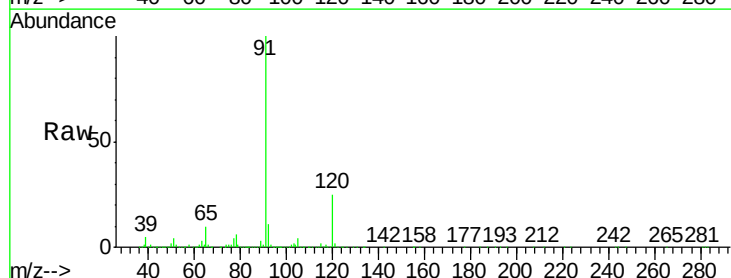
Manual Integrations
APPROVED

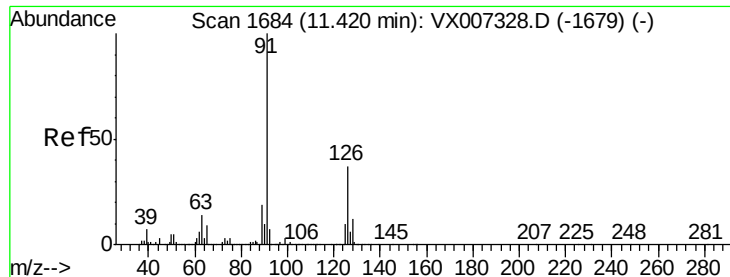
MMDadoda
2/4/2019 9:37:32 AM



#78
n-propylbenzene
Concen: 48.816 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.4	37.2





#79

2-Chlorotoluene

Concen: 46.951 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 762387

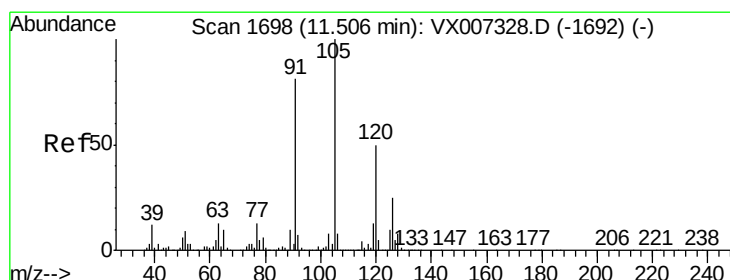
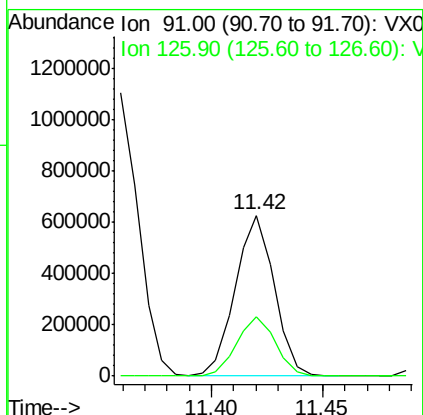
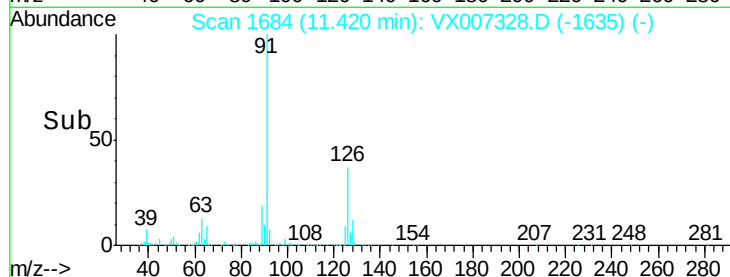
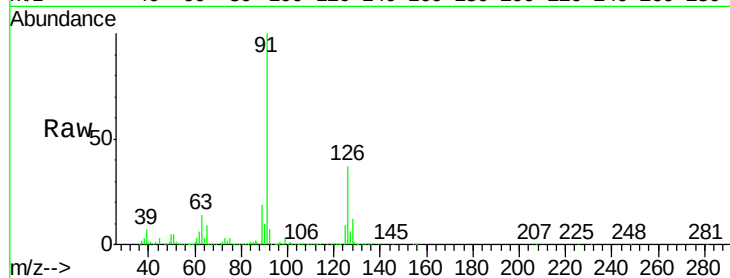
Ion Ratio Lower Upper

91 100

126 37.4 18.7 56.1

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:37:32 AM



#80

1,3,5-Trimethylbenzene

Concen: 48.270 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007328.D

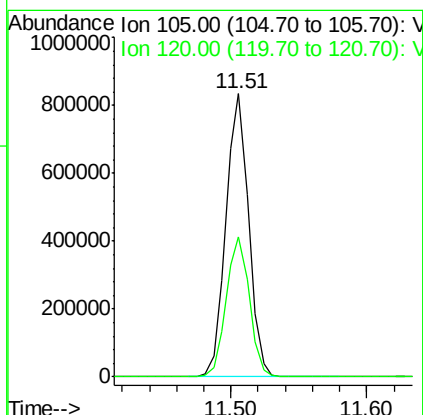
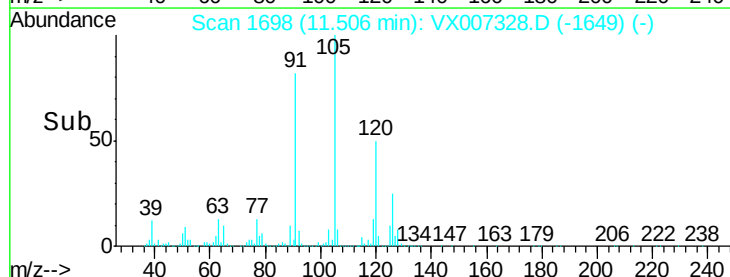
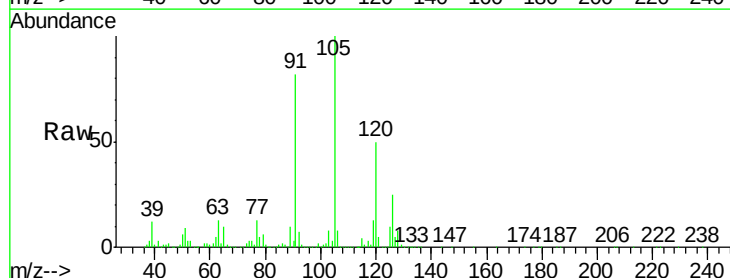
Acq: 01 Feb 2019 10:55

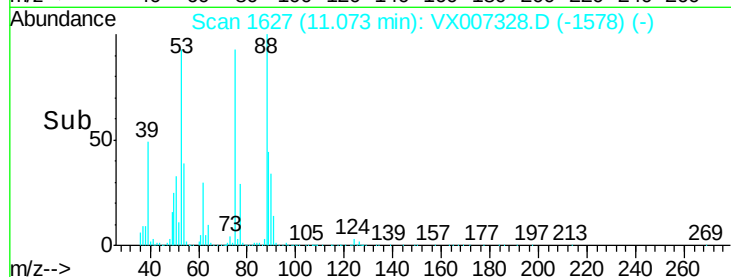
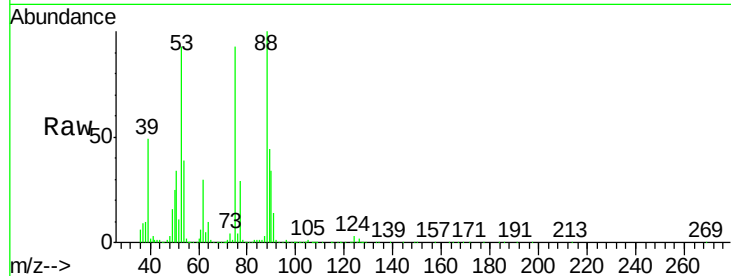
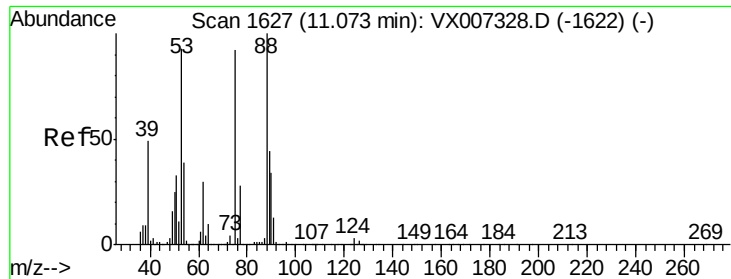
Tgt Ion: 105 Resp: 963744

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





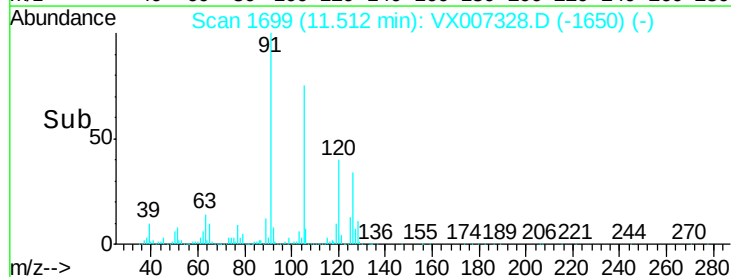
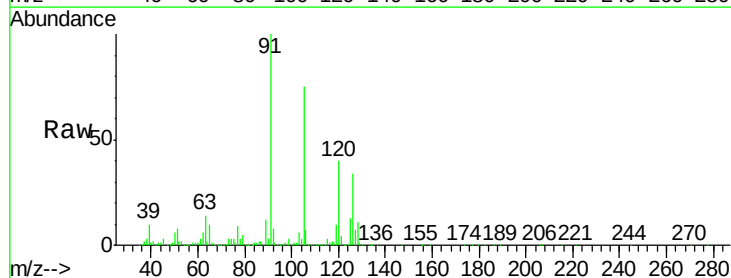
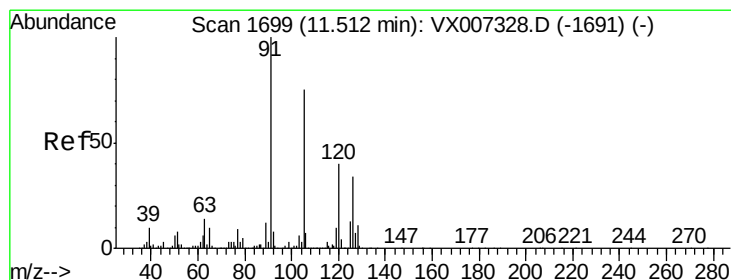
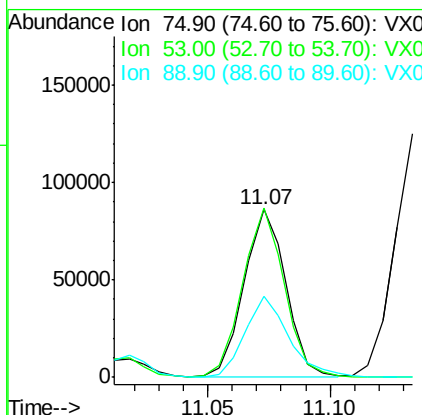
#81
trans-1,4-Dichloro-2-butene
Concen: 50.491 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.3	81.0	121.6
89	51.7	41.4	62.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

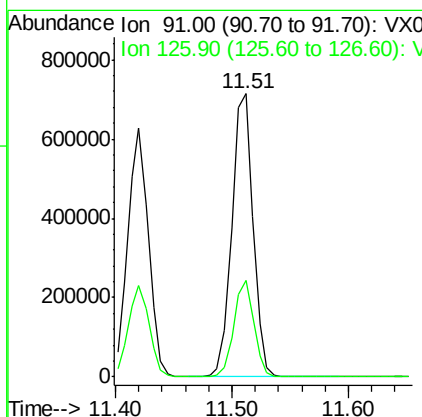
Manual Integrations
APPROVED

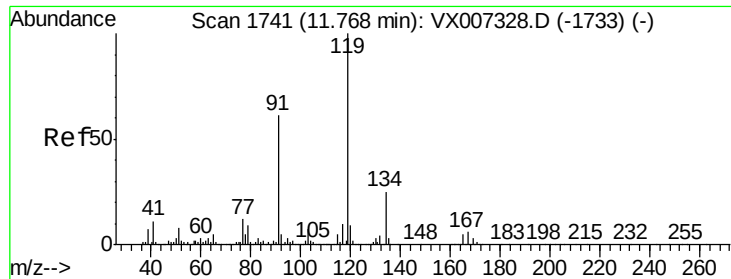
MMDadoda
2/4/2019 9:37:32 AM



#82
4-Chlorotoluene
Concen: 48.403 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.5





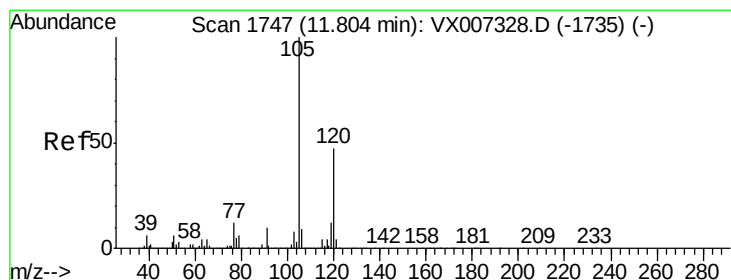
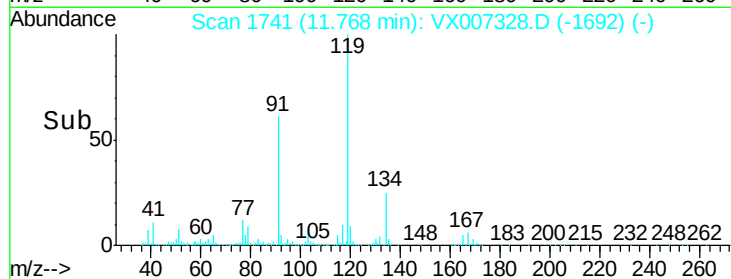
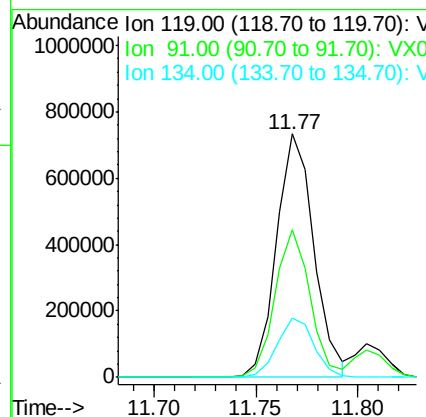
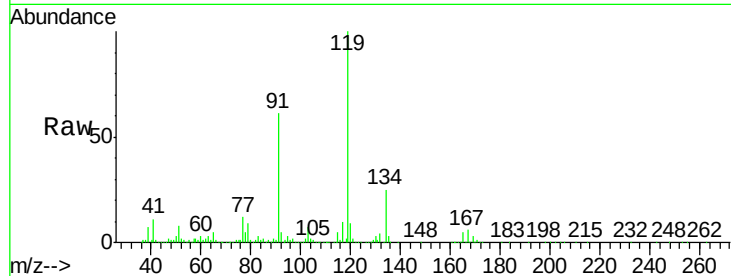
#83
 tert-Butylbenzene
 Concen: 47.538 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	939700		
91	57.1	28.5	85.6	
134	24.0	12.0	36.0	

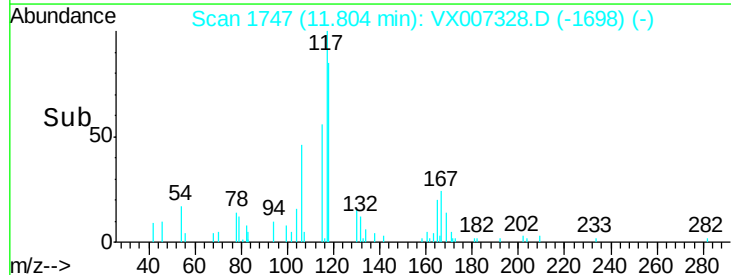
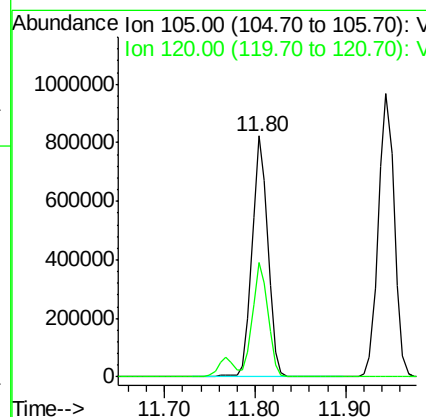
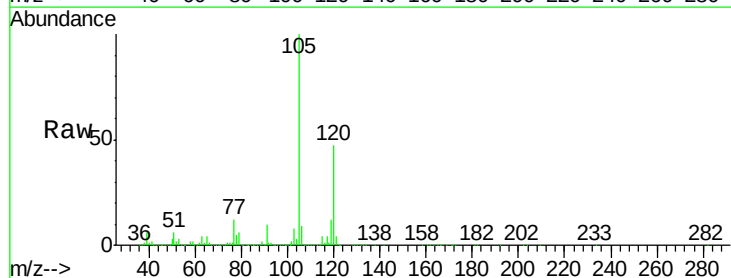
Manual Integrations
 APPROVED

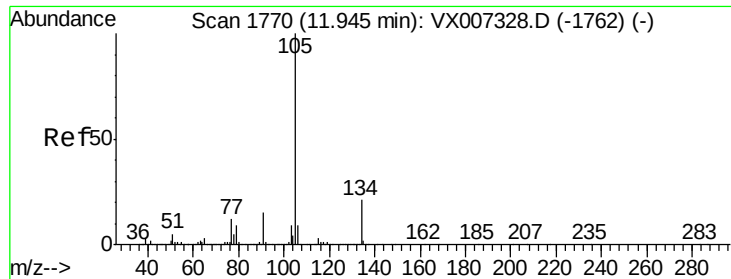
MMDadoda
 2/4/2019 9:37:32 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.786 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	988897		
120	46.2	23.1	69.3	





#85

sec-Butylbenzene

Concen: 49.379 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1181381

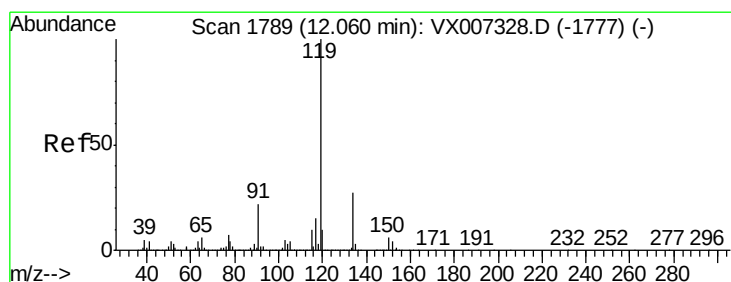
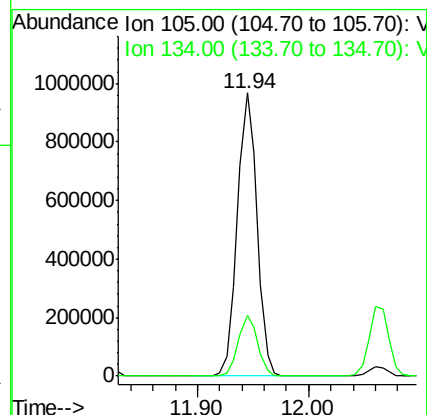
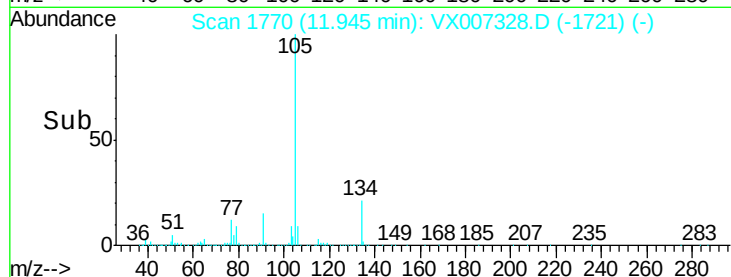
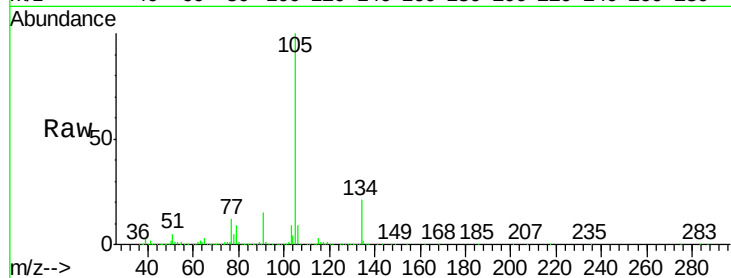
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:37:32 AM



#86

p-Isopropyltoluene

Concen: 49.253 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

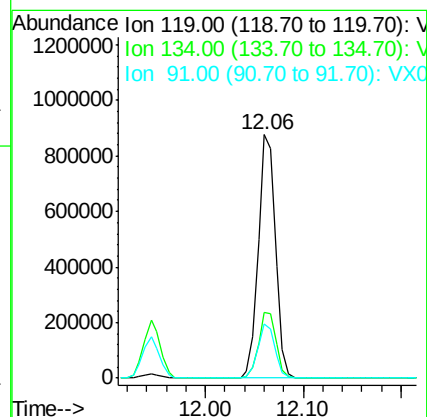
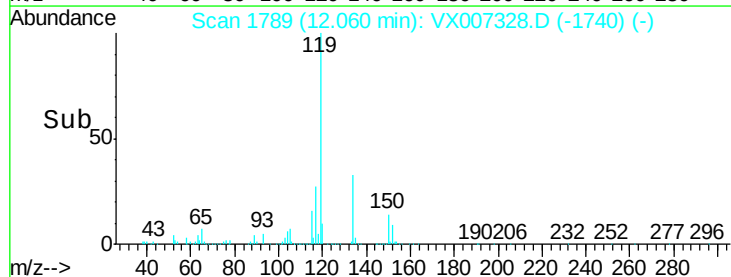
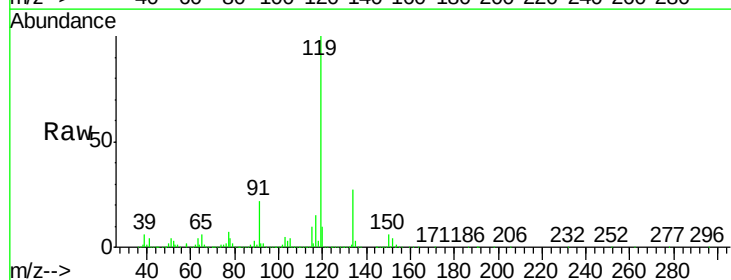
Tgt Ion:119 Resp: 1063705

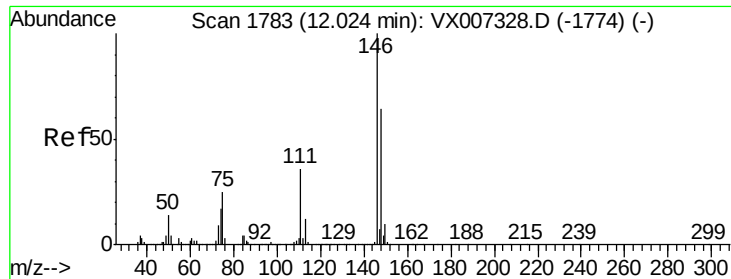
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.3 11.2 33.5





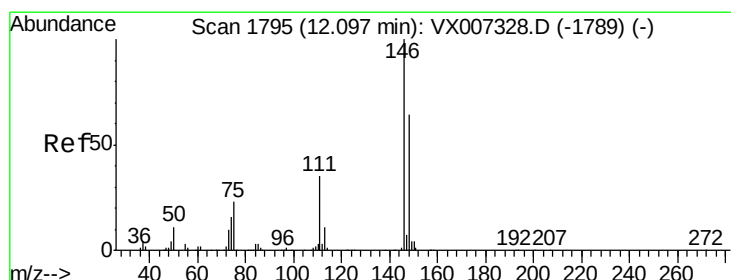
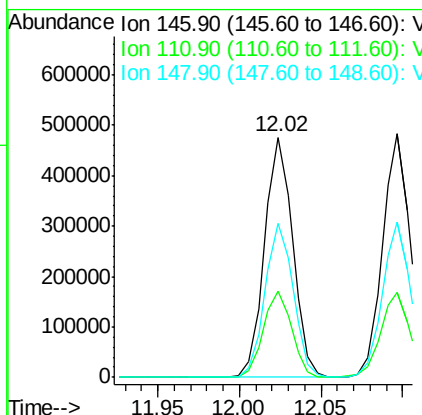
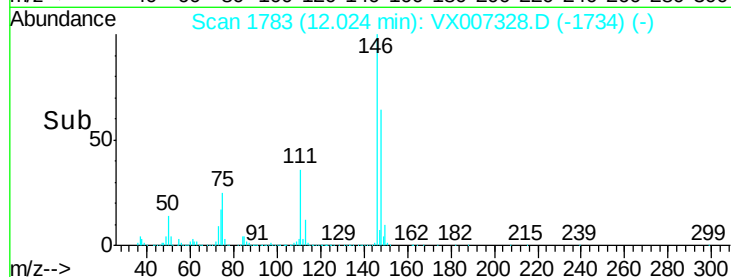
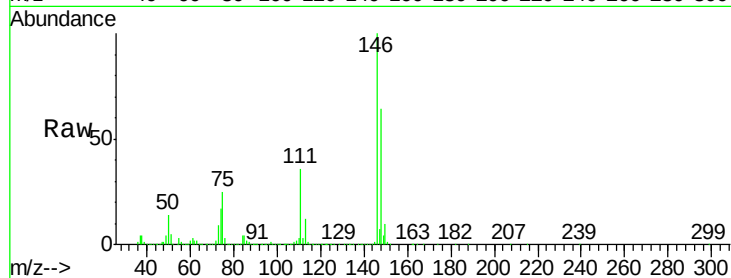
#87
 1,3-Dichlorobenzene
 Concen: 46.319 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.1	32.0	96.2

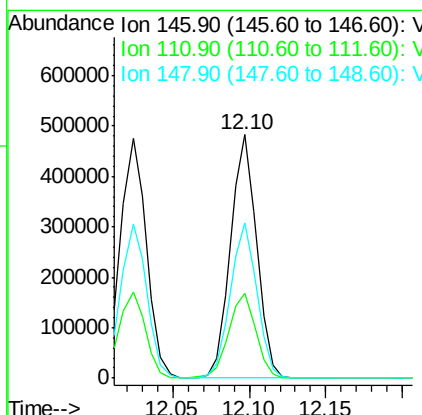
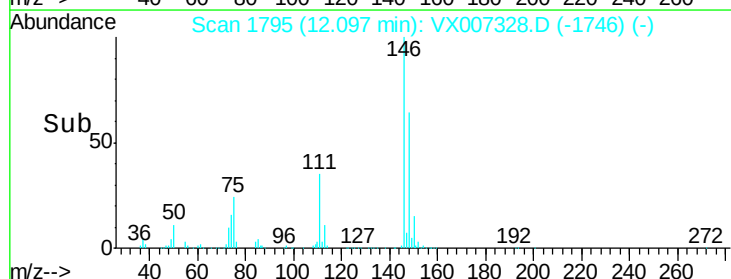
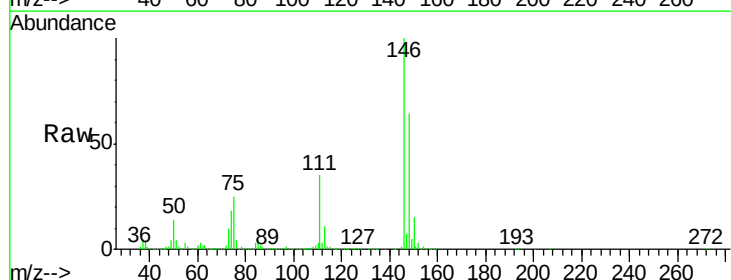
Manual Integrations
 APPROVED

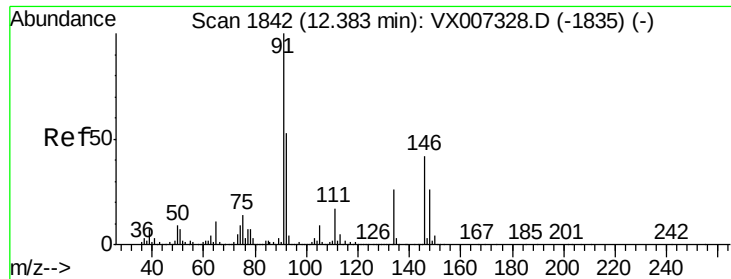
MMDadoda
 2/4/2019 9:37:32 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.643 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.6	32.3	96.9





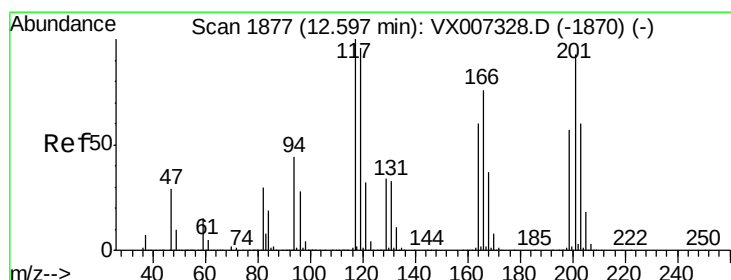
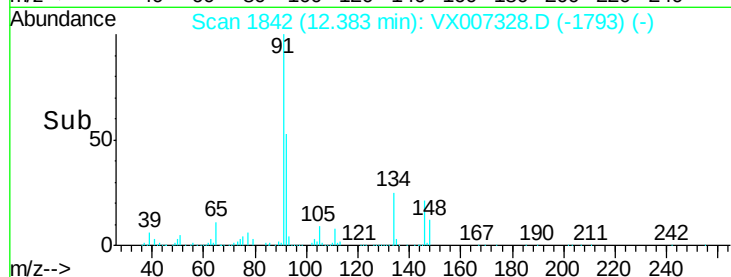
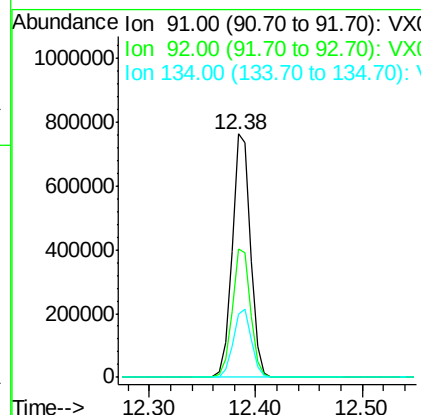
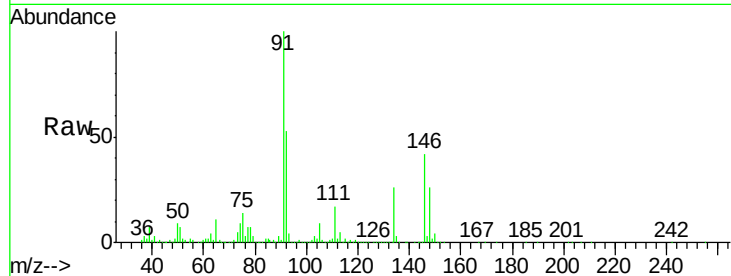
#89
n-Butylbenzene
Concen: 49.274 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	27.7	13.9	41.6

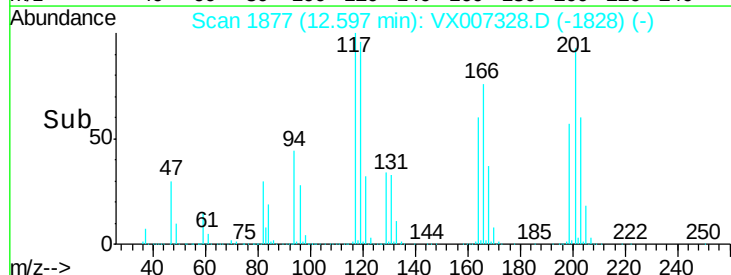
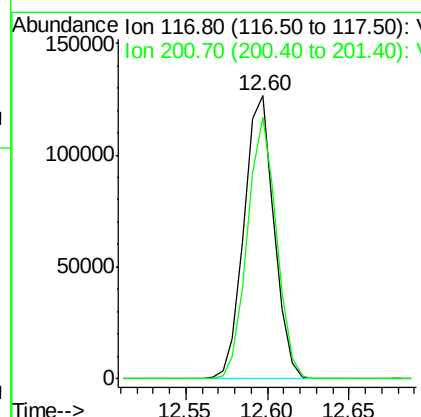
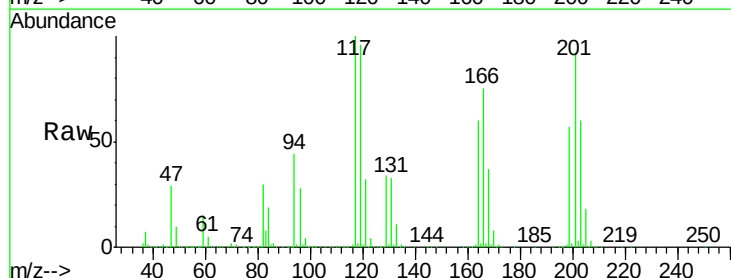
Manual Integrations
APPROVED

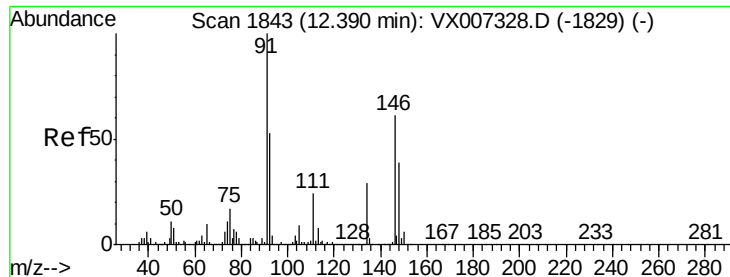
MMDadoda
2/4/2019 9:37:32 AM



#90
Hexachloroethane
Concen: 50.243 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	44.9	134.7





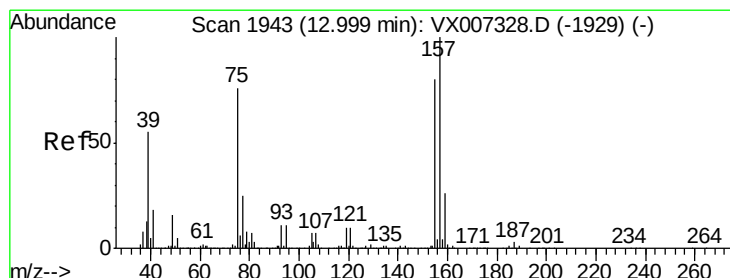
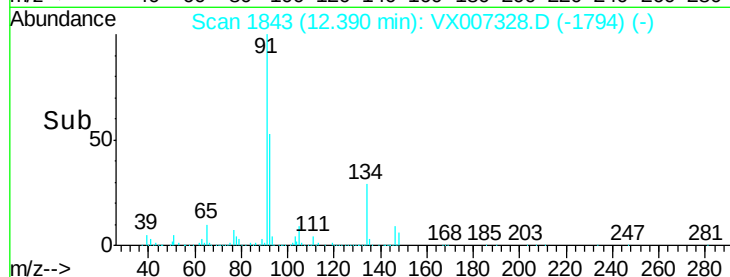
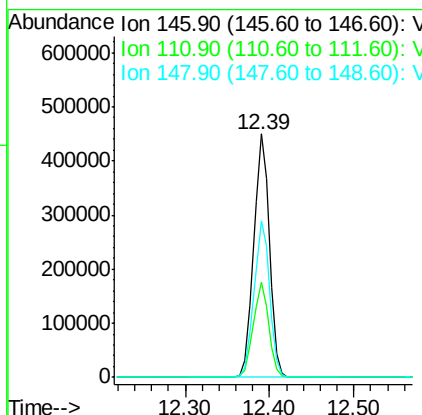
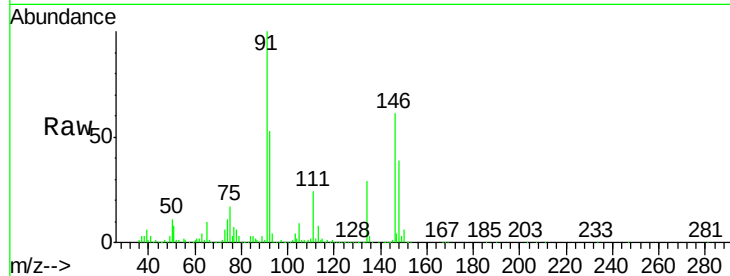
#91
 1,2-Dichlorobenzene
 Concen: 45.558 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	559490		
111	38.2	19.1	57.3	
148	64.2	32.1	96.3	

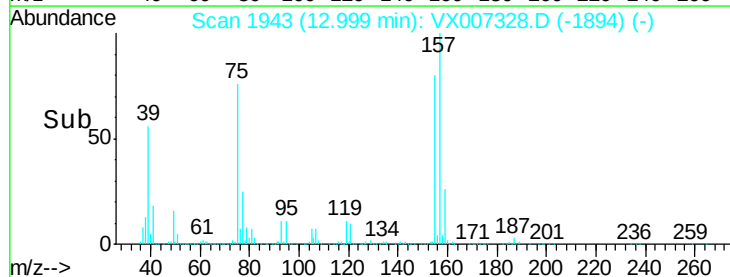
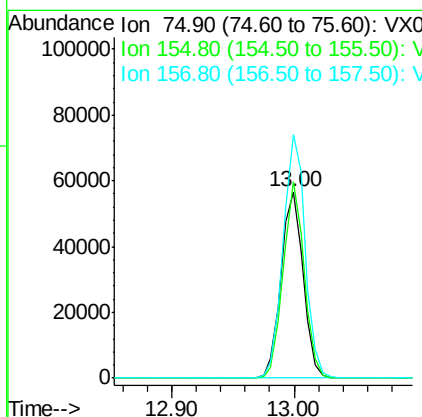
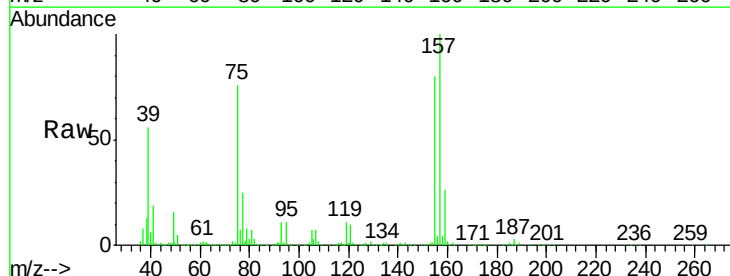
Manual Integrations
 APPROVED

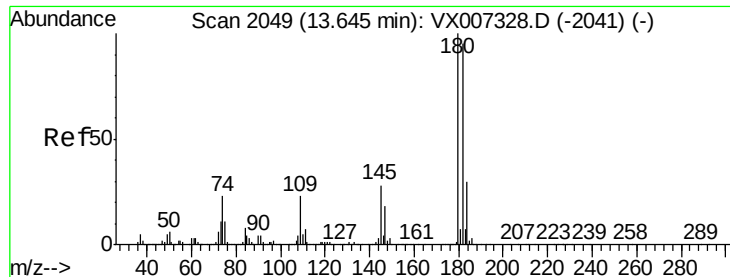
MMDadoda
 2/4/2019 9:37:32 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.181 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007328.D
 Acq: 01 Feb 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71418		
155	99.3	49.6	149.0	
157	130.2	65.1	195.3	





#93

1,2,4-Trichlorobenzene

Concen: 47.434 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Instrument :

MSVOA_X

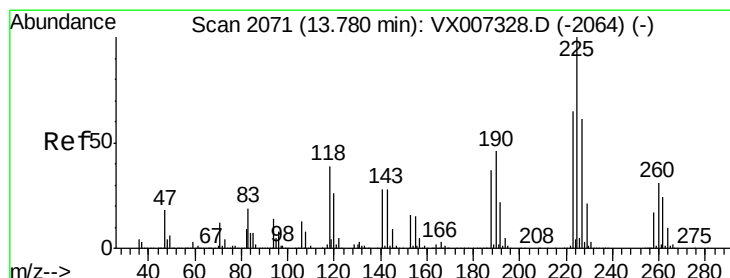
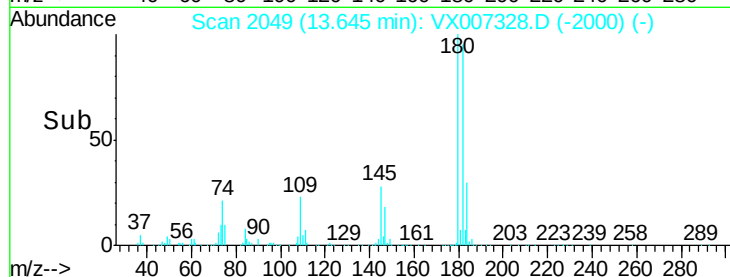
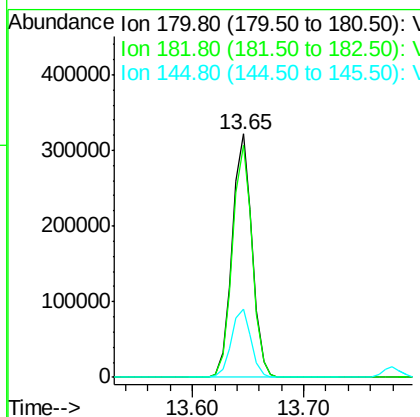
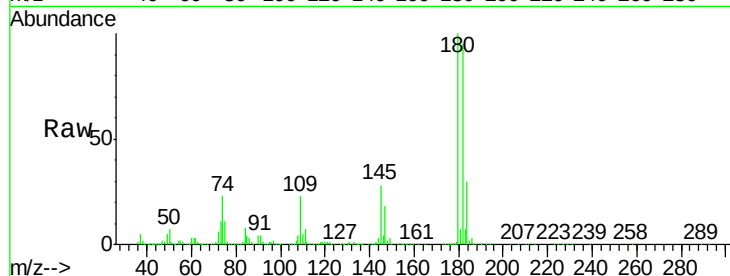
ClientSampleId :

VSTDICCC050

Tot Ion:	180	Resp:	392853
Ion Ratio		Lower	Upper
180	100		
182	95.5	47.8	143.3
145	28.1	14.1	42.2

Manual Integrations
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2/4/2019 9:37:32 AM



#94

Hexachlorobutadiene

Concen: 46.112 ug/l

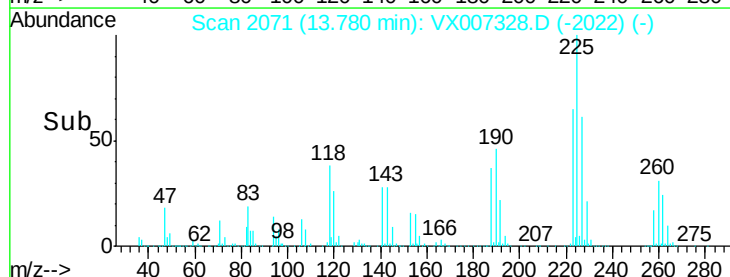
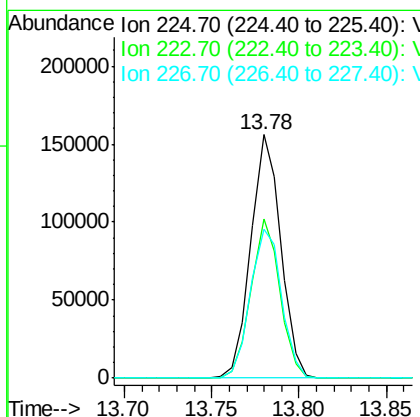
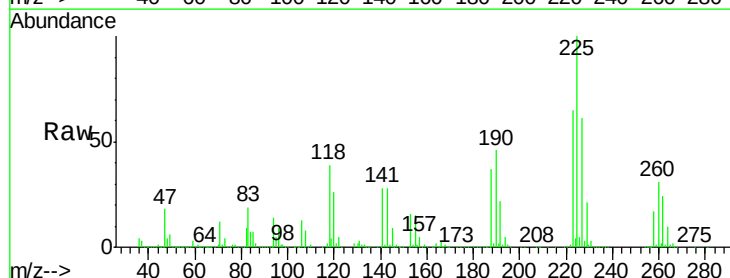
RT: 13.78 min Scan# 2071

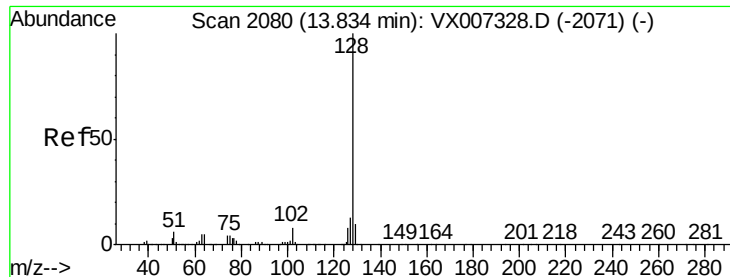
Delta R.T. 0.00 min

Lab File: VX007328.D

Acq: 01 Feb 2019 10:55

Tgt Ion:	225	Resp:	185443
Ion Ratio		Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.2	32.1	96.3





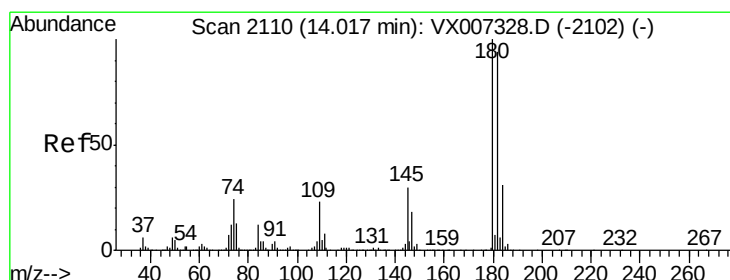
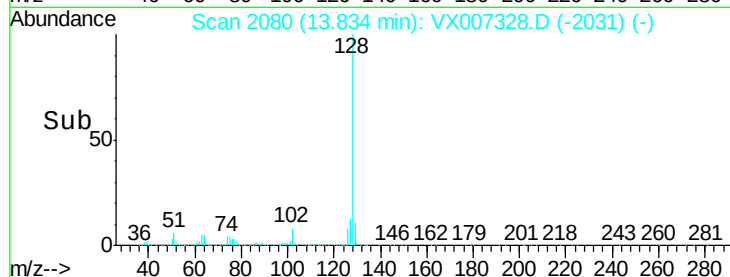
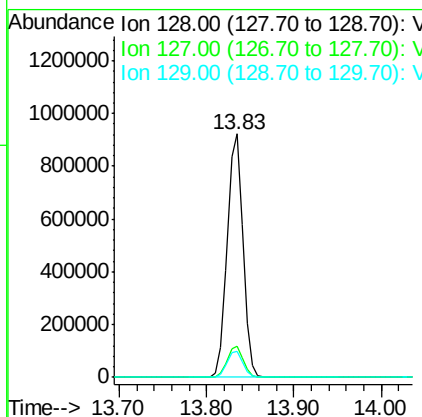
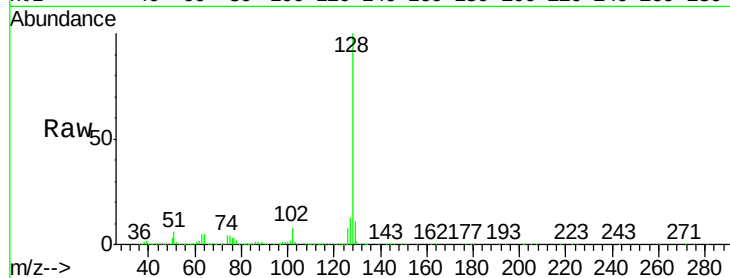
#95
Naphthalene
Concen: 47.548 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 1151587
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:37:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.351 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007328.D
Acq: 01 Feb 2019 10:55

Tgt Ion:180 Resp: 386417
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 29.7 14.9 44.5

