

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011671.D
 Acq On : 20 Aug 2019 09:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:33:04 AM

Quant Time: Aug 20 13:19:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	348904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	443483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	147107	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.49	113	139666	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
50) Toluene-d8	8.71	98	436060	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	11.13	95	192587	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	184811	53.888	ug/l	97
3) Chloromethane	1.32	50	145587	40.872	ug/l	99
4) Vinyl Chloride	1.40	62	145702	45.281	ug/l	100
5) Bromomethane	1.63	94	73641	51.077	ug/l	98
6) Chloroethane	1.71	64	78123	51.299	ug/l	97
7) Trichlorofluoromethane	1.92	101	230589	51.738	ug/l	99
8) Diethyl Ether	2.18	74	76053	49.746	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155510	50.517	ug/l	100
10) Methyl Iodide	2.50	142	201826	46.023	ug/l	99
11) Tert butyl alcohol	3.04	59	180023	226.789	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142193	47.797	ug/l	100
13) Acrolein	2.28	56	55785	229.449	ug/l	99
14) Allyl chloride	2.71	41	239880	48.472	ug/l	98
15) Acrylonitrile	3.13	53	429074	236.176	ug/l	100
16) Acetone	2.43	43	443392	272.533	ug/l	99
17) Carbon Disulfide	2.56	76	330209	47.105	ug/l	99
18) Methyl Acetate	2.76	43	243867	48.332	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	486977	50.261	ug/l	100
20) Methylene Chloride	2.85	84	157208	46.022	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	154033	48.859	ug/l	99
22) Diisopropyl ether	3.84	45	483253	49.034	ug/l	96
23) Vinyl Acetate	3.81	43	1941450	248.766	ug/l	99
24) 1,1-Dichloroethane	3.68	63	269272	48.324	ug/l	100
25) 2-Butanone	4.66	43	609413	238.598	ug/l	98
26) 2,2-Dichloropropane	4.57	77	232694	55.484	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	178133	48.470	ug/l	99
28) Bromochloromethane	5.00	49	105188	43.002	ug/l	100
29) Tetrahydrofuran	5.12	42	361119	215.536	ug/l	98
30) Chloroform	5.20	83	278494	47.358	ug/l	98
31) Cyclohexane	5.57	56	228114	47.548	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	256586	50.744	ug/l	99
36) 1,1-Dichloropropene	5.79	75	198573	48.648	ug/l	99
37) Ethyl Acetate	4.82	43	202930	43.224	ug/l	100
38) Carbon Tetrachloride	5.77	117	228039	50.709	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	256571	50.900	ug/l	99
40) Benzene	6.13	78	578377	45.597	ug/l	99
41) Methacrylonitrile	5.03	41	119117	46.100	ug/l	98
42) 1,2-Dichloroethane	6.18	62	223118	50.769	ug/l	98
43) Isopropyl Acetate	6.43	43	326814	44.605	ug/l	99
44) Trichloroethene	7.21	130	183062	48.649	ug/l	99
45) 1,2-Dichloropropane	7.51	63	156936	49.610	ug/l	98
46) Dibromomethane	7.65	93	104367	45.400	ug/l	93
47) Bromodichloromethane	7.89	83	201004	47.621	ug/l	100
48) Methyl methacrylate	7.76	41	164210	45.257	ug/l	96
49) 1,4-Dioxane	7.73	88	81664	846.207	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1104539	230.317	ug/l	99
52) Toluene	8.78	92	389577	48.208	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	231776	52.909	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	242092	50.499	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	168571	49.053	ug/l	99
56) Ethyl methacrylate	9.17	69	251471	50.347	ug/l	98
57) 1,3-Dichloropropane	9.37	76	261910	47.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	576182	231.518	ug/l	99
59) 2-Hexanone	9.49	43	912550	246.752	ug/l	100
60) Dibromochloromethane	9.58	129	189890	53.035	ug/l	99
61) 1,2-Dibromoethane	9.66	107	181055	49.366	ug/l	99
64) Tetrachloroethene	9.33	164	181400	49.853	ug/l	98
65) Chlorobenzene	10.13	112	447441	47.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	177504	50.206	ug/l	98
67) Ethyl Benzene	10.25	91	769504	48.745	ug/l	100
68) m/p-Xylenes	10.35	106	603624	99.614	ug/l	97
69) o-Xylene	10.69	106	292313	49.247	ug/l	98
70) Styrene	10.71	104	503007	50.340	ug/l	99
71) Bromoform	10.85	173	150801	44.295	ug/l #	100
73) Isopropylbenzene	11.02	105	797128	49.756	ug/l	100
74) N-amyl acetate	10.90	43	315107	46.283	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	254191	46.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	225107m	48.082	ug/l	
77) Bromobenzene	11.25	156	225367	47.282	ug/l	97
78) n-propylbenzene	11.36	91	884890	51.223	ug/l	100
79) 2-Chlorotoluene	11.42	91	524651	49.459	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	687494	51.084	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78851	46.017	ug/l	95
82) 4-Chlorotoluene	11.51	91	620951	50.456	ug/l	99
83) tert-Butylbenzene	11.77	119	683026	49.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	690634	51.117	ug/l	99
85) sec-Butylbenzene	11.94	105	787314	50.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	765446	52.613	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	404016	49.313	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	403876	48.638	ug/l	99
89) n-Butylbenzene	12.38	91	641339	53.620	ug/l	99
90) Hexachloroethane	12.59	117	116975	50.916	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	395837	48.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58890	46.706	ug/l	96

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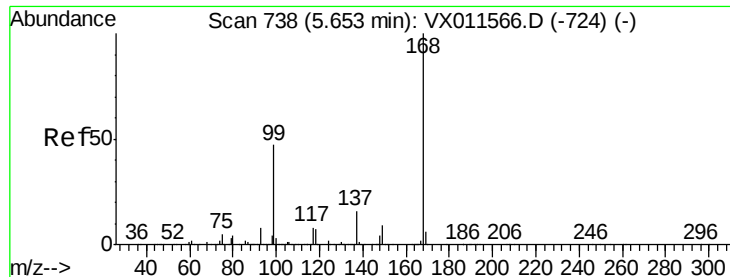
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	290247	47.365	ug/l	99
94) Hexachlorobutadiene	13.78	225	162542	48.713	ug/l	98
95) Naphthalene	13.83	128	851348	49.143	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310102	50.172	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 348904

Ion Ratio Lower Upper

168 100

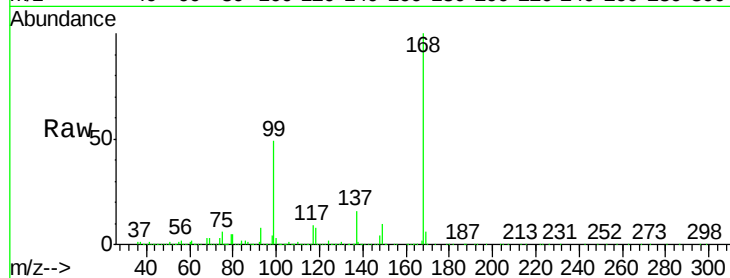
99 48.5 37.3 55.9

Manual Integrations

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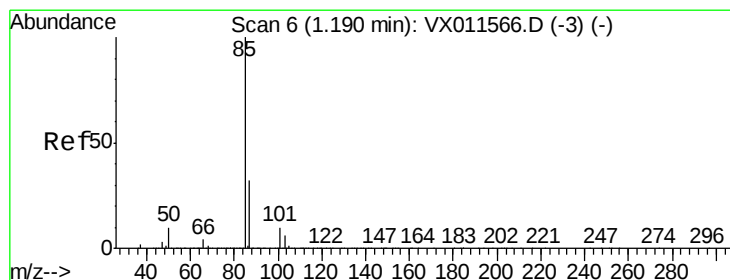
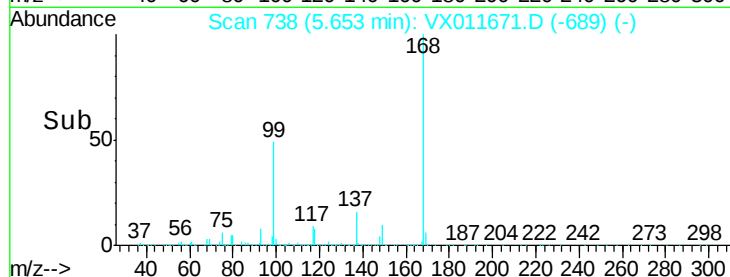
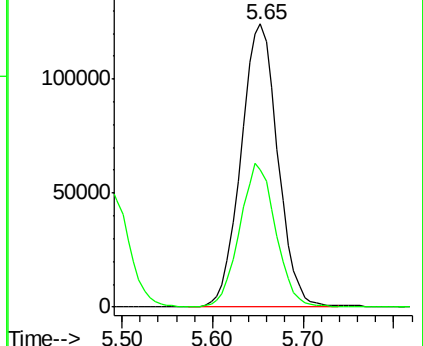
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.888 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011671.D

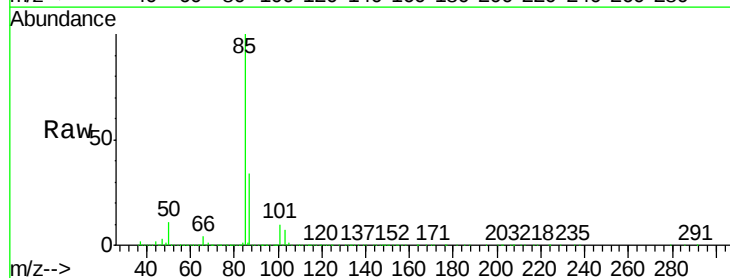
Acq: 20 Aug 2019 09:35

Tgt Ion: 85 Resp: 184811

Ion Ratio Lower Upper

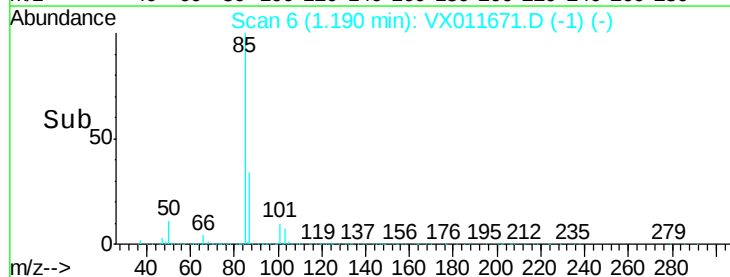
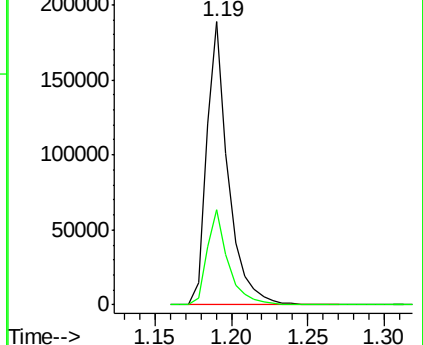
85 100

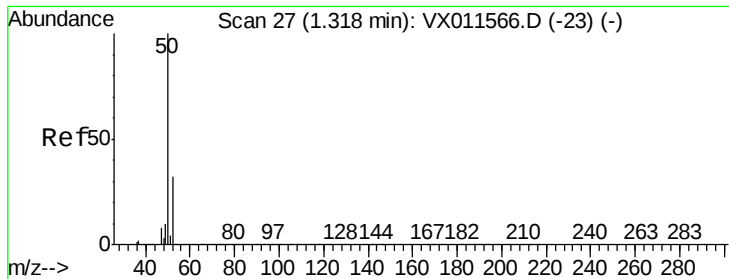
87 33.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.872 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 145587

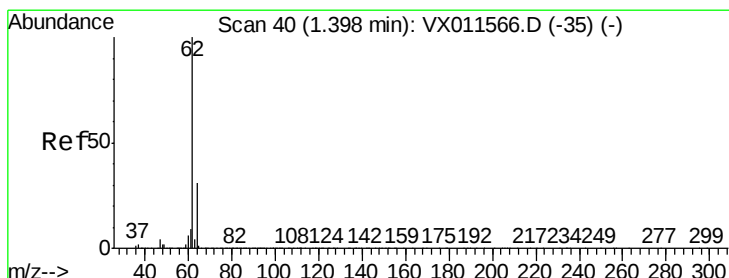
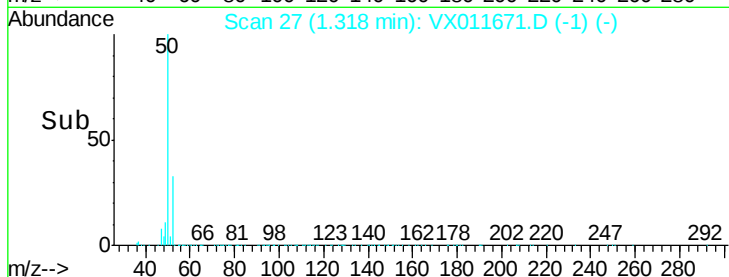
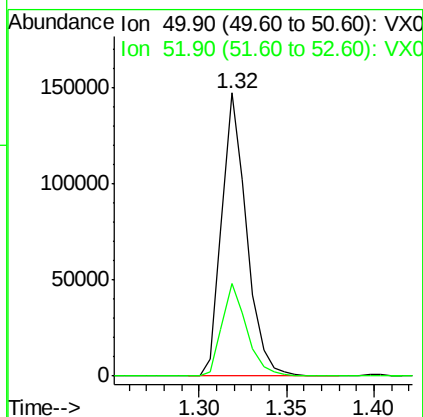
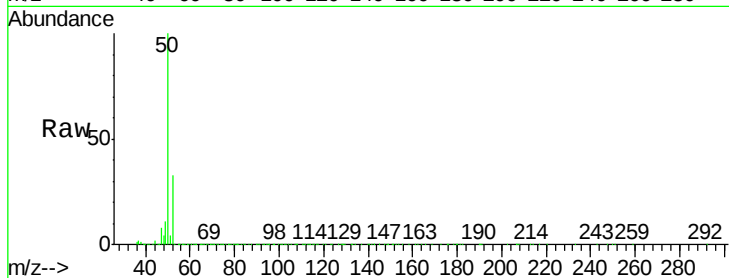
Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 45.281 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011671.D

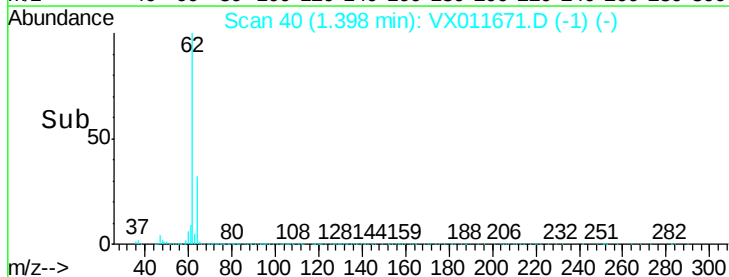
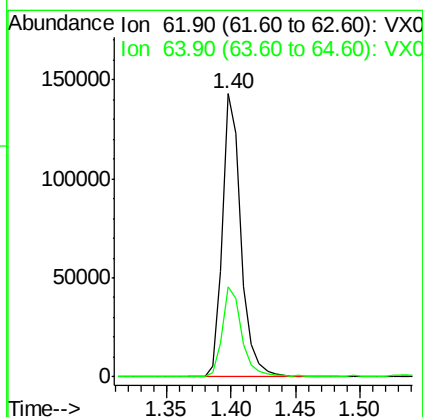
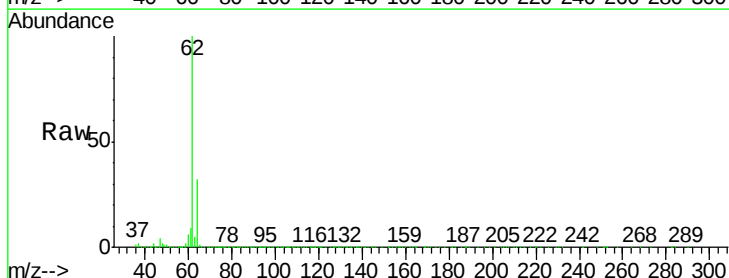
Acq: 20 Aug 2019 09:35

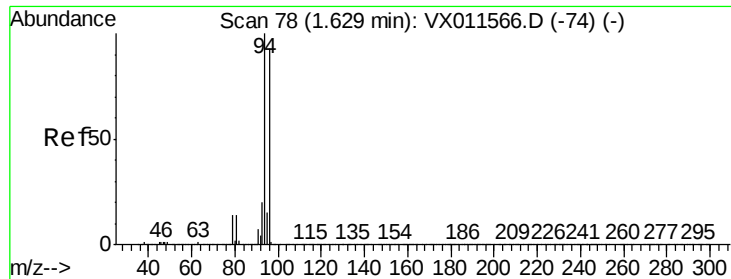
Tgt Ion: 62 Resp: 145702

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 51.077 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73641

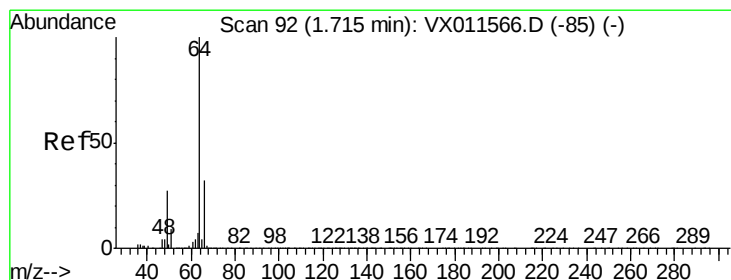
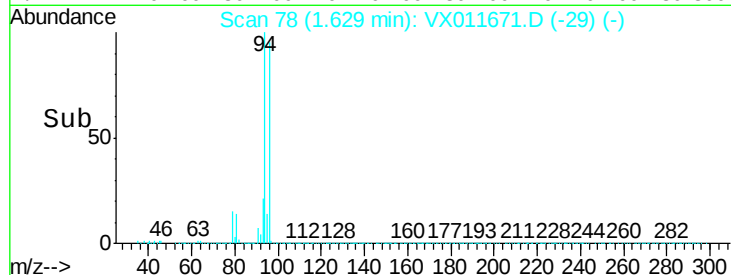
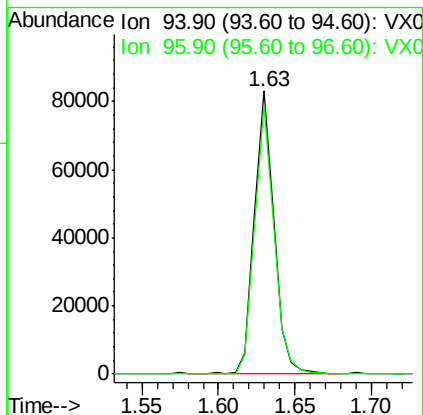
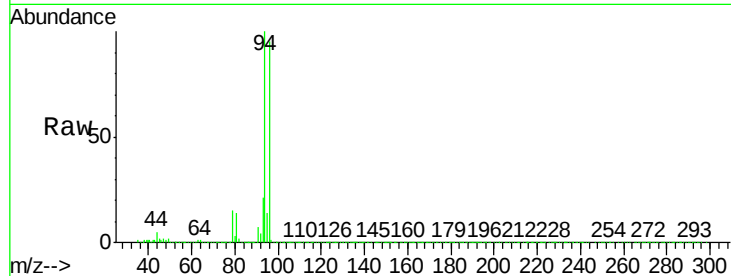
Ion Ratio Lower Upper

94 100

96 95.3 74.8 112.2

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#6

Chloroethane

Concen: 51.299 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011671.D

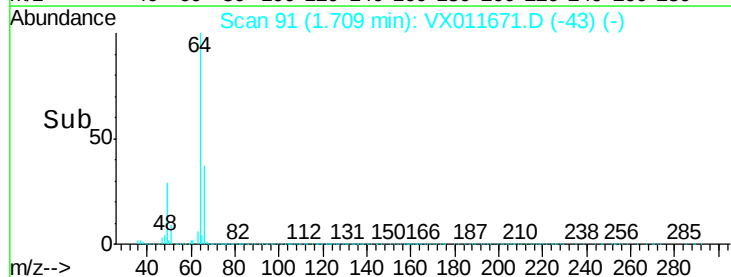
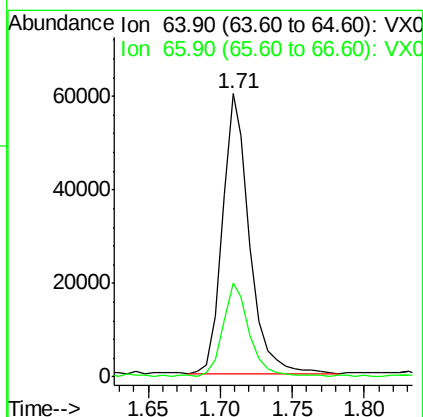
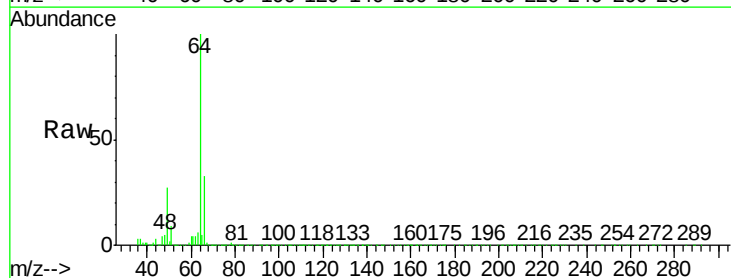
Acq: 20 Aug 2019 09:35

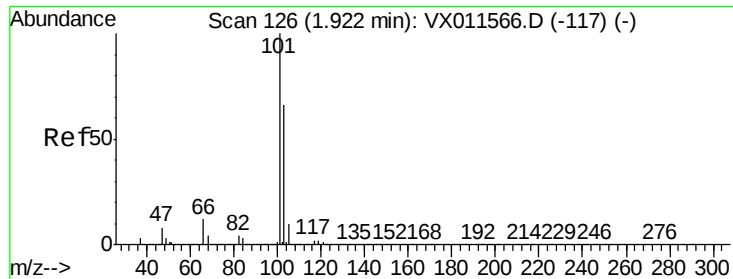
Tgt Ion: 64 Resp: 78123

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9





#7

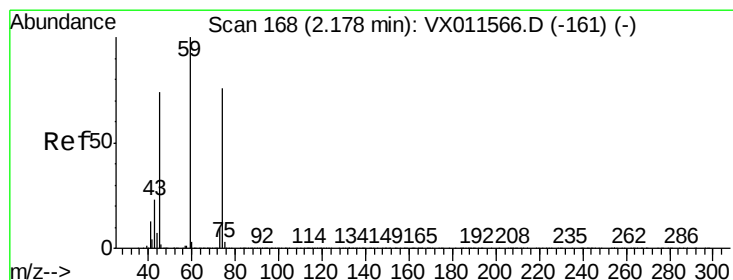
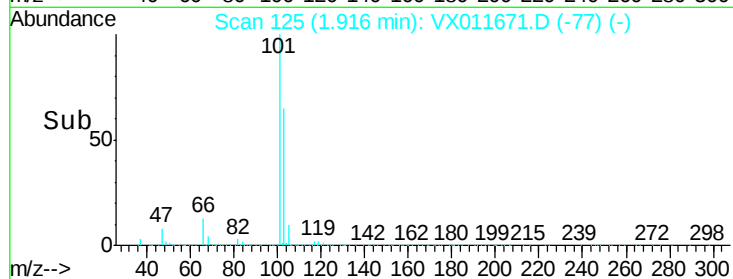
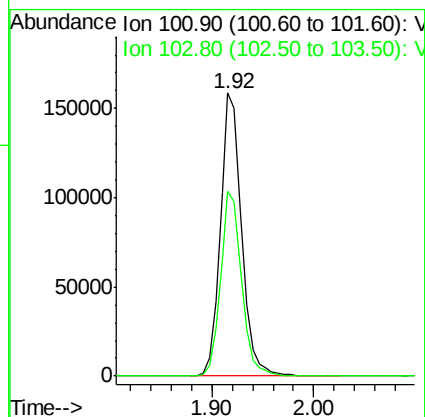
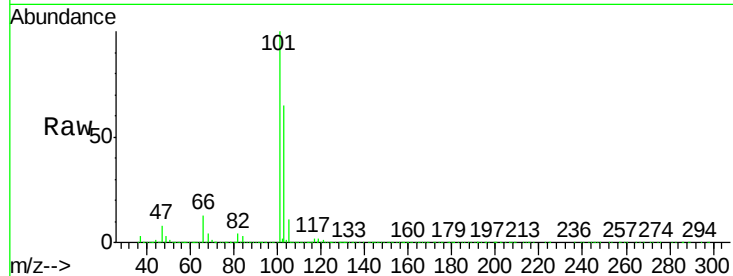
Trichlorofluoromethane
Concen: 51.738 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.9	79.3

Manual Integrations
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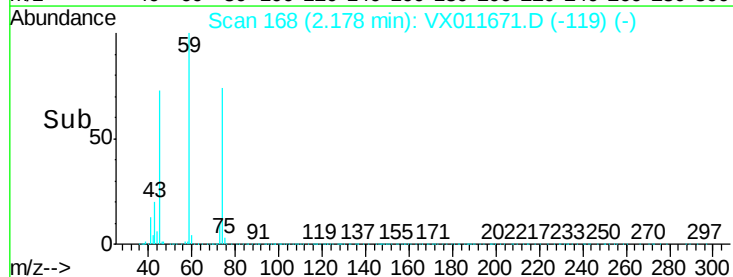
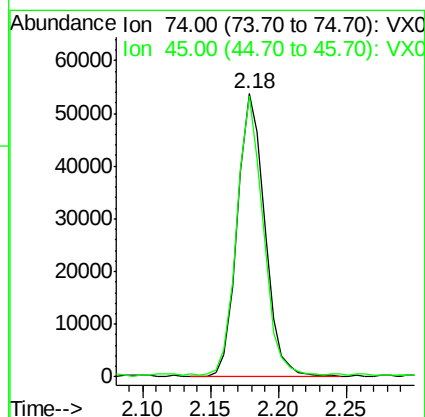
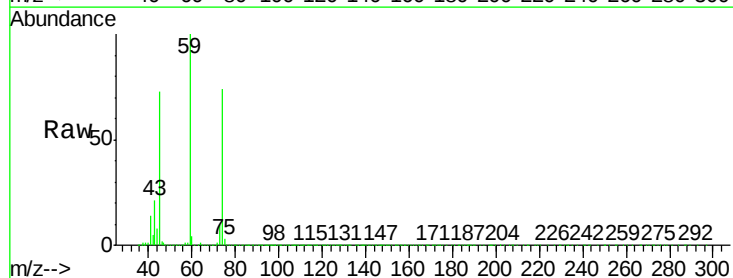
MMDadoda
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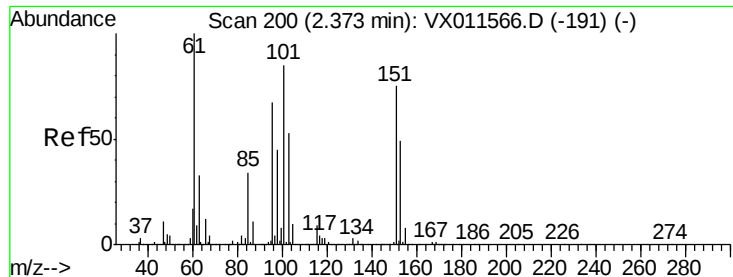


#8

Diethyl Ether
Concen: 49.746 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.517 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

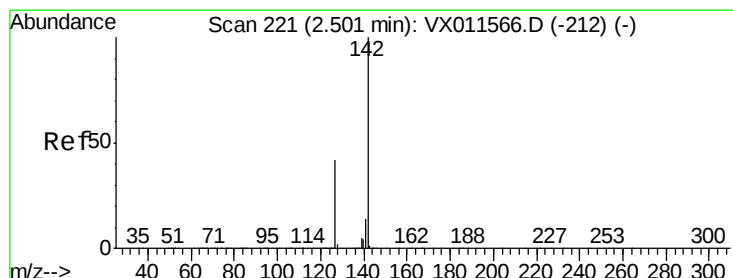
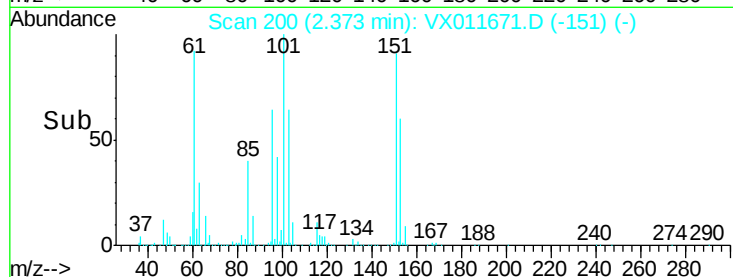
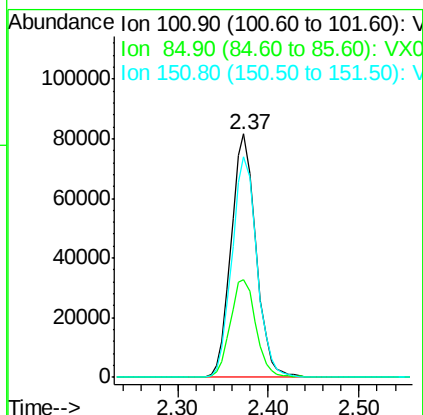
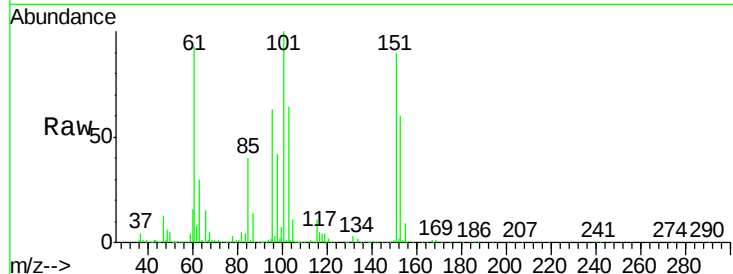
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	155510
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.0	49.4
151	91.3	73.3	109.9

Manual Integrations
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#10

Methyl Iodide

Concen: 46.023 ug/l

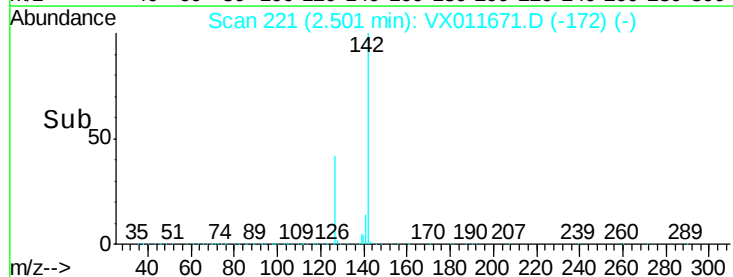
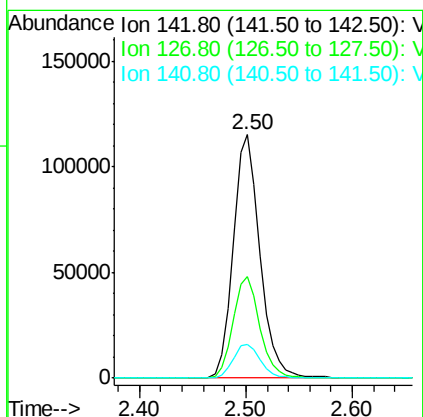
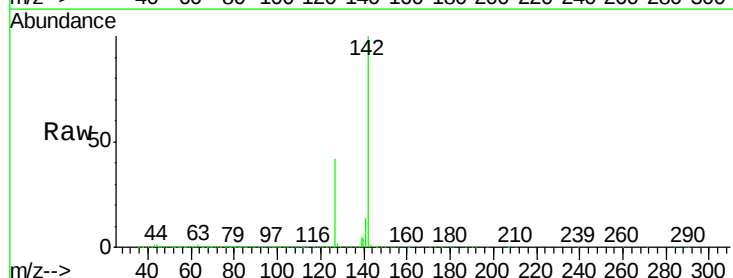
RT: 2.50 min Scan# 221

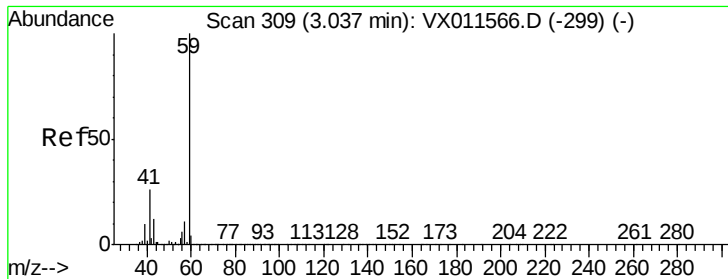
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	142	Resp:	201826
Ion Ratio	Lower	Upper	
142	100		
127	42.0	32.8	49.2
141	14.6	11.4	17.2





#11

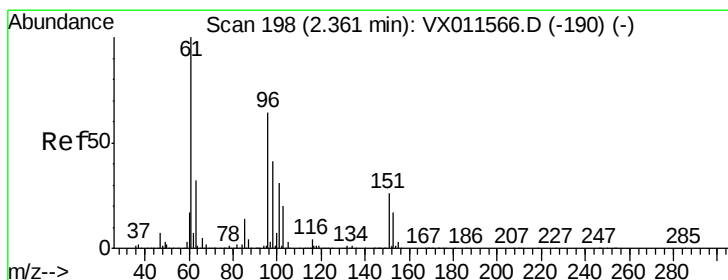
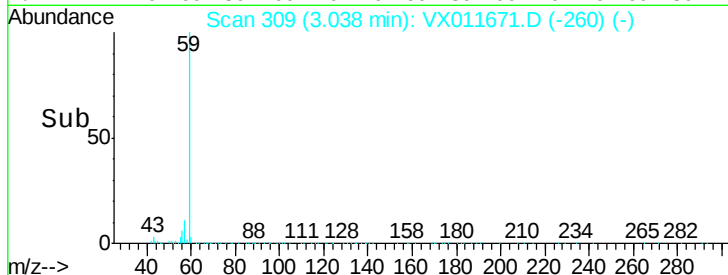
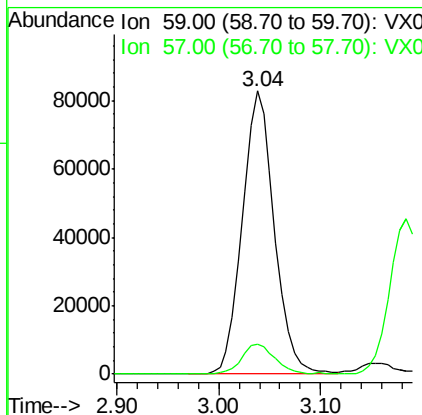
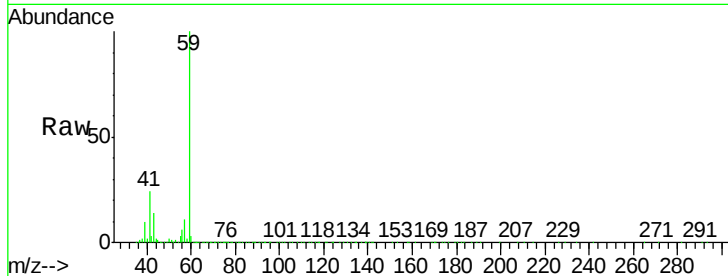
Tert butyl alcohol
Concen: 226.789 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.7	13.1

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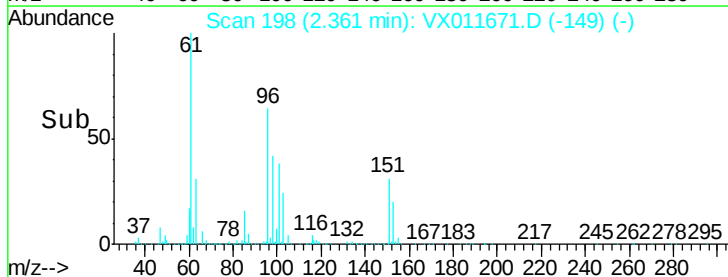
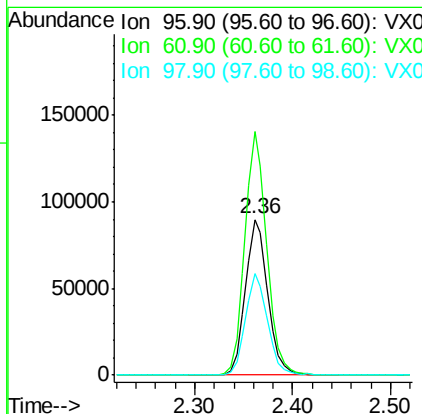
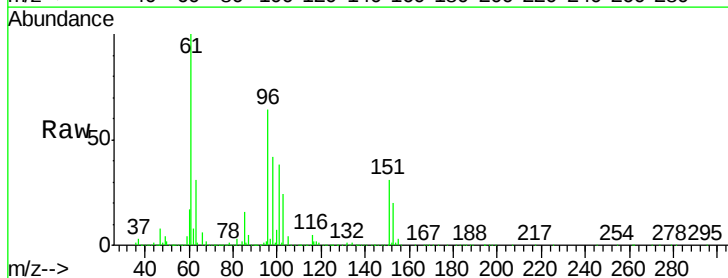
MMDadoda
8/21/2019 8:33:04 AM

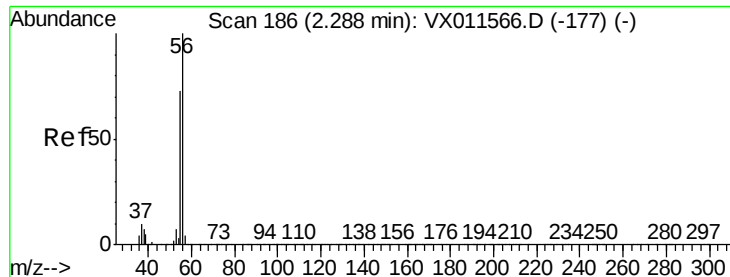


#12

1,1-Dichloroethene
Concen: 47.797 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.2	125.0	187.4
98	65.3	51.5	77.3





#13

Acrolein

Concen: 229.449 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 55785

Ion Ratio Lower Upper

56 100

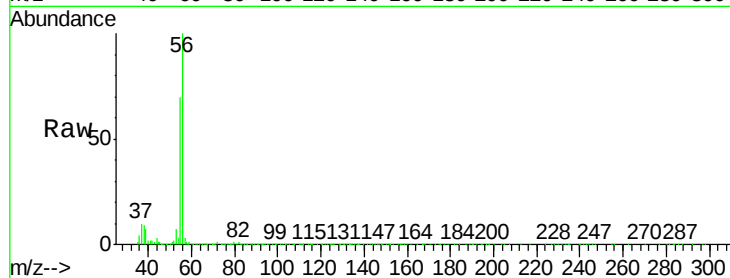
55 70.5 55.5 83.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

40000

30000

20000

10000

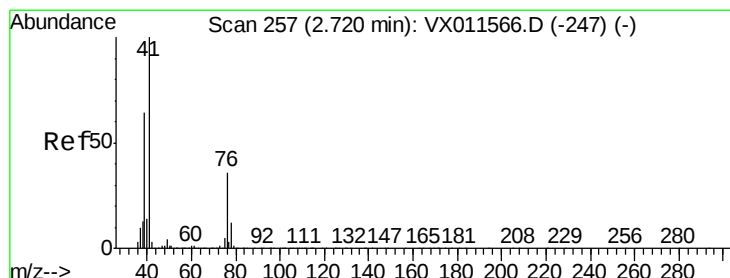
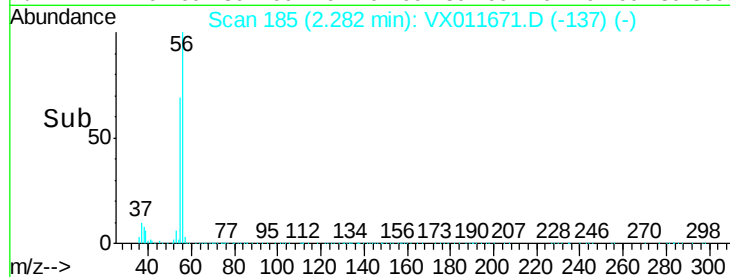
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 48.472 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

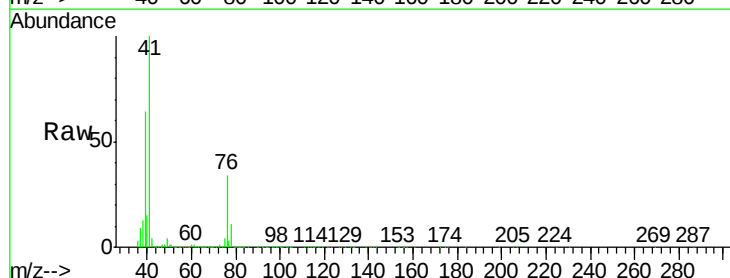
Tgt Ion: 41 Resp: 239880

Ion Ratio Lower Upper

41 100

39 61.5 47.5 71.3

76 32.9 26.3 39.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

150000

100000

50000

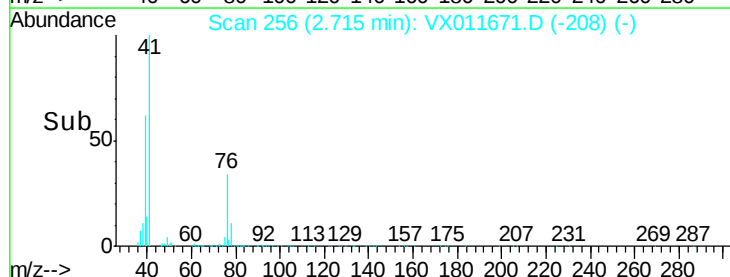
0

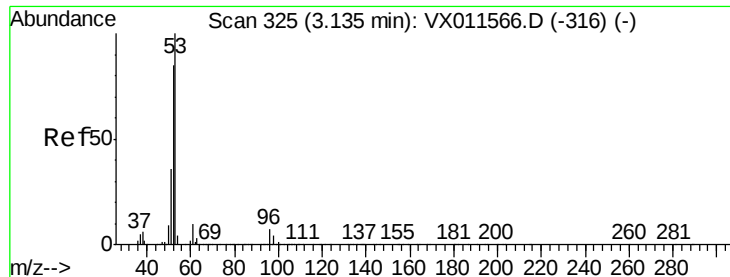
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 236.176 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

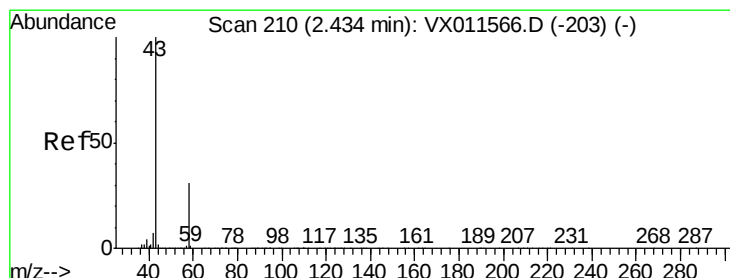
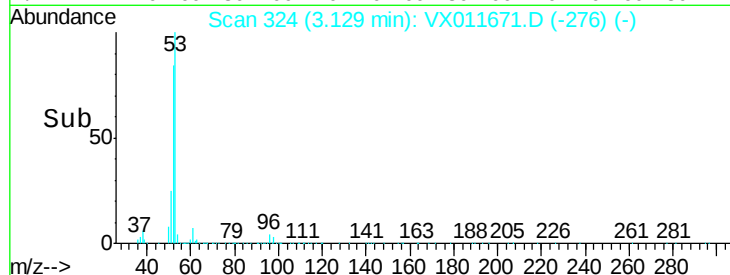
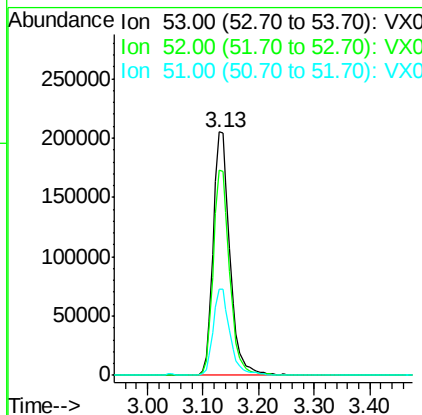
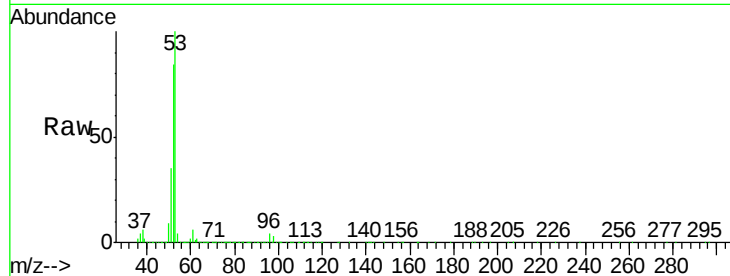
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	429074
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	35.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 272.533 ug/l

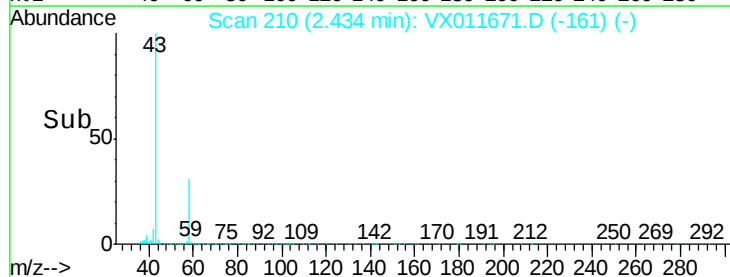
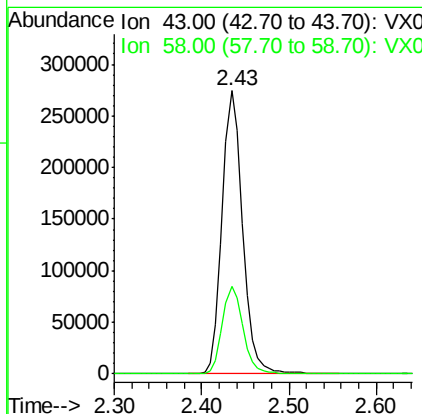
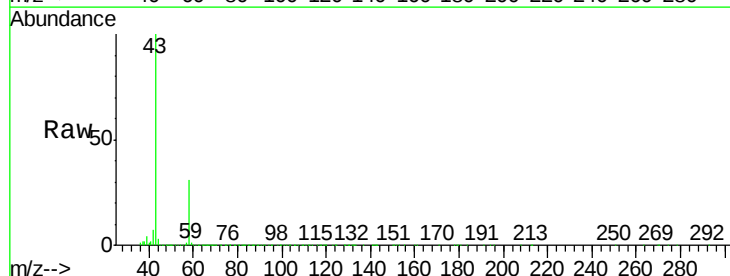
RT: 2.43 min Scan# 210

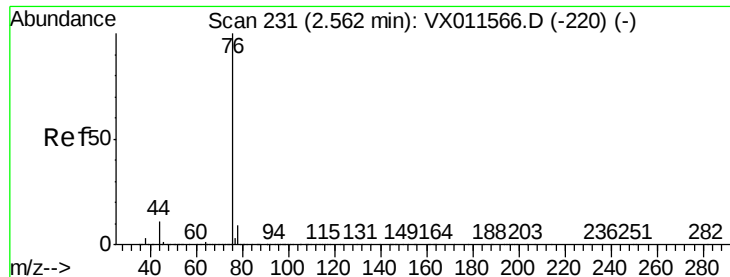
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	43	Resp:	443392
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.2	37.8





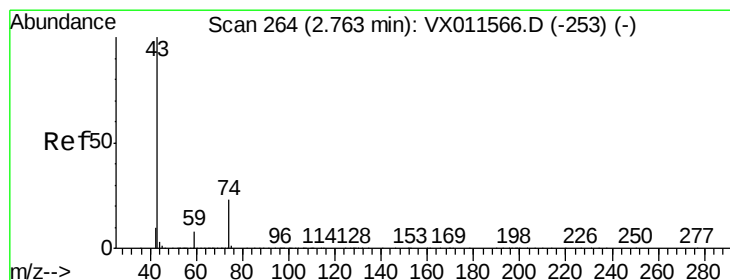
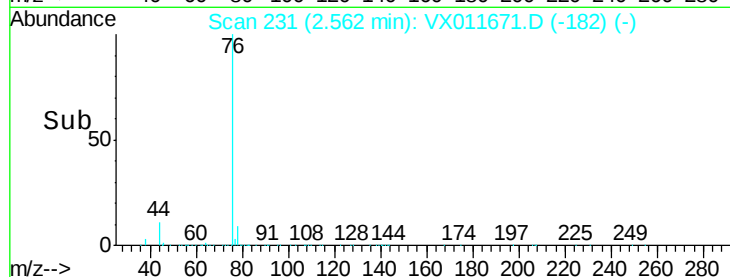
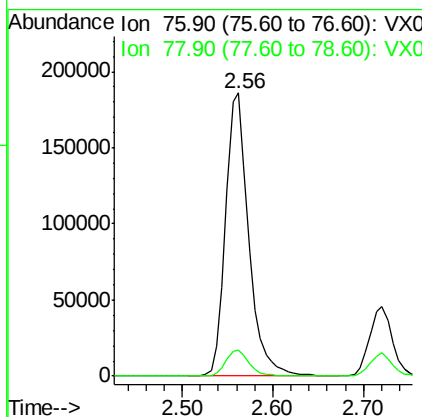
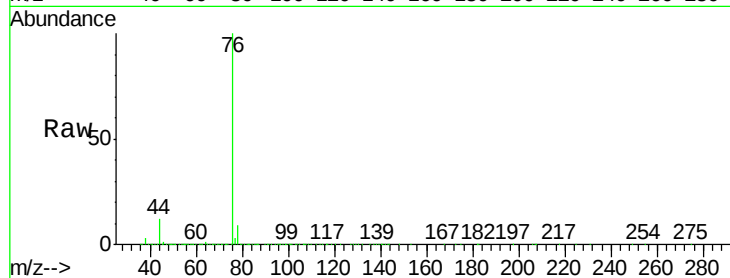
#17
Carbon Disulfide
Concen: 47.105 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

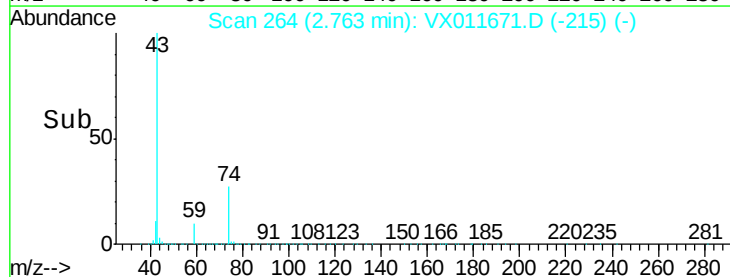
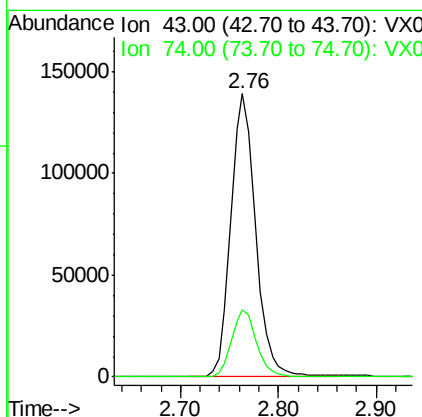
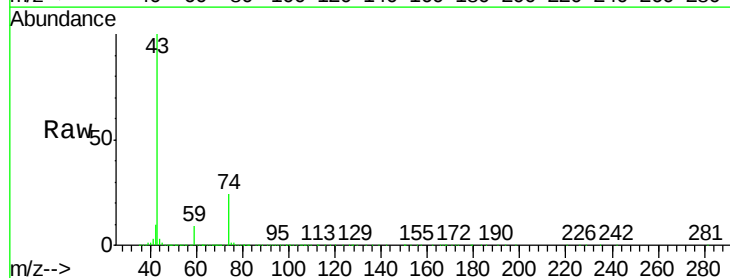
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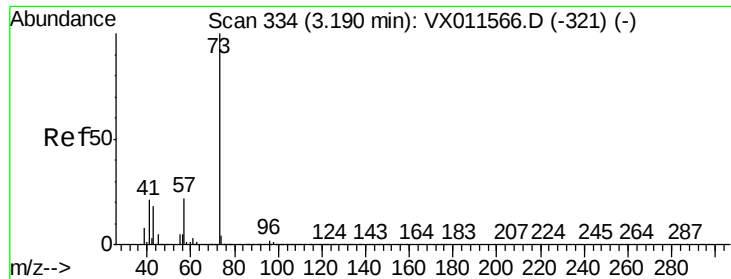
MMDadoda
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#18
Methyl Acetate
Concen: 48.332 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.7	29.5





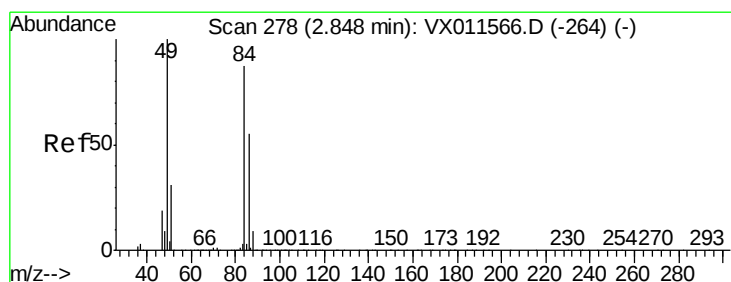
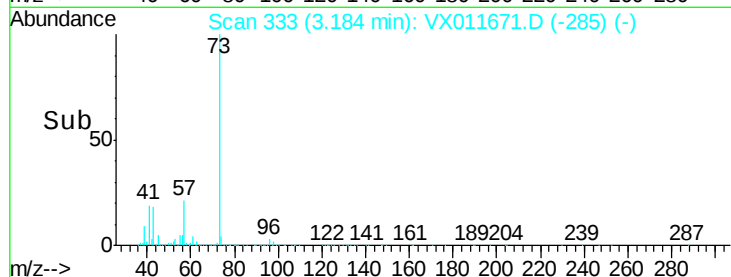
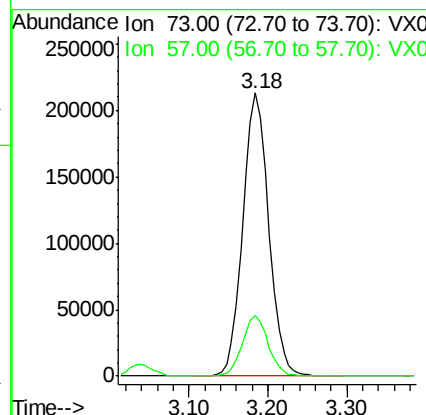
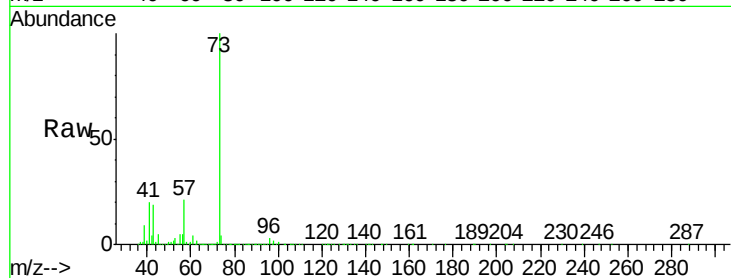
#19
Methvl tert-butvl Ether
Concen: 50.261 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.2	25.8

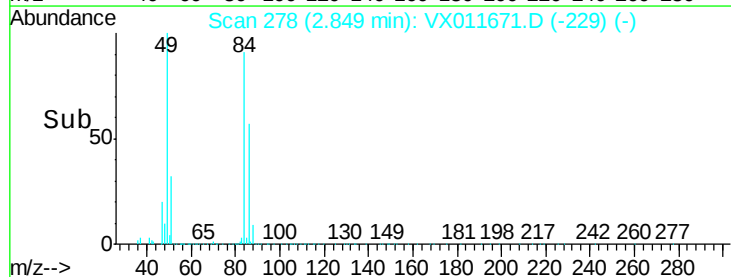
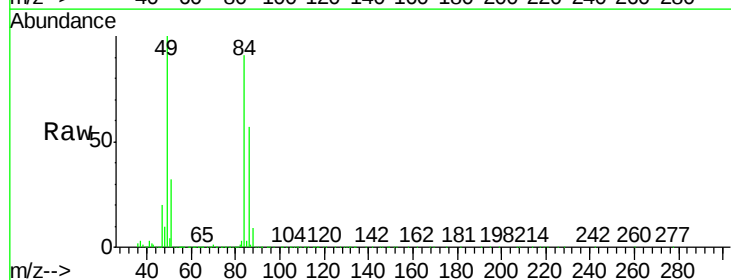
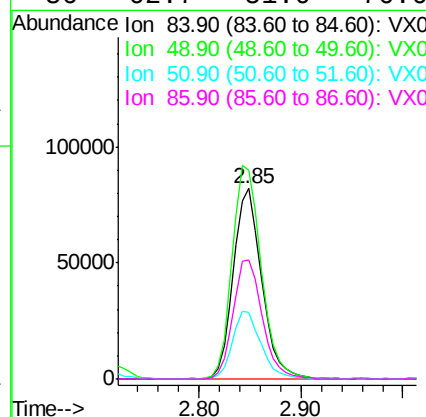
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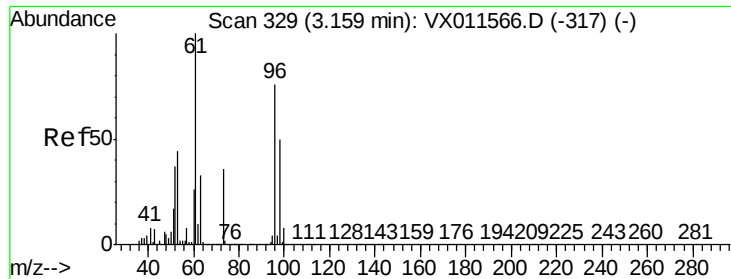
MMDadoda
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#20
Methylene Chloride
Concen: 46.022 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.8	92.4	138.6
51	34.9	28.5	42.7
86	62.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 48.859 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

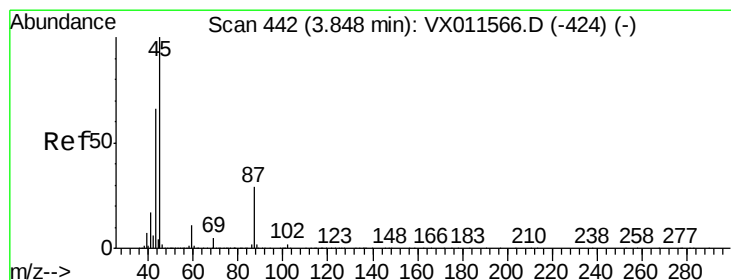
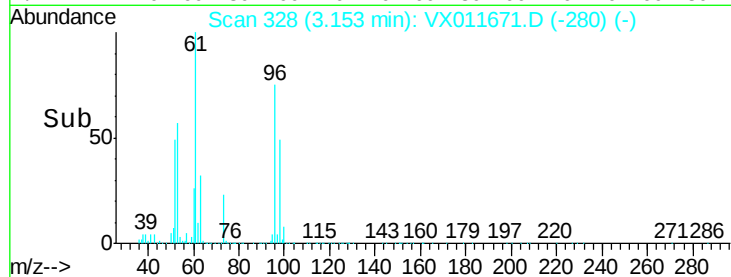
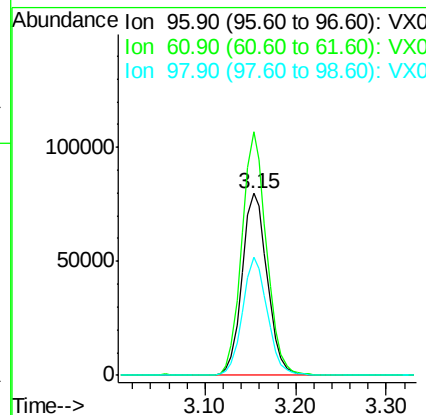
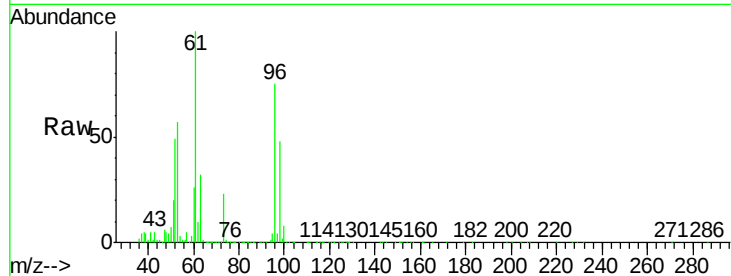
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	154033
Ion Ratio	Lower	Upper	
96	100		
61	133.7	105.5	158.3
98	64.8	52.6	78.8

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#22

Diisopropyl ether

Concen: 49.034 ug/l

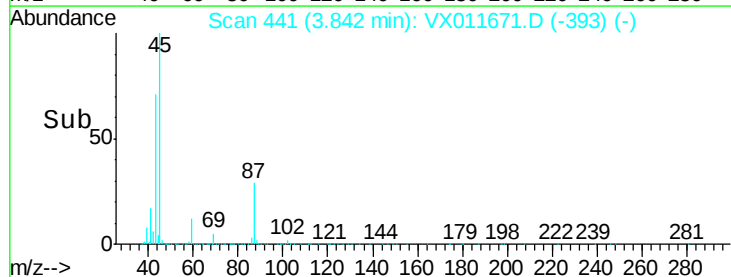
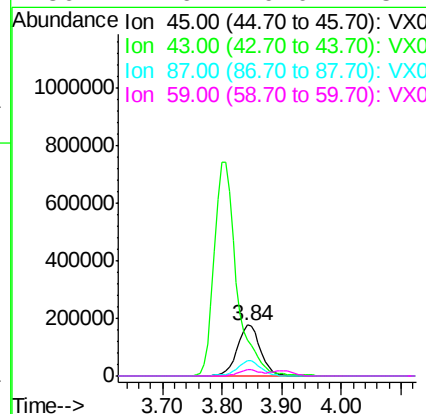
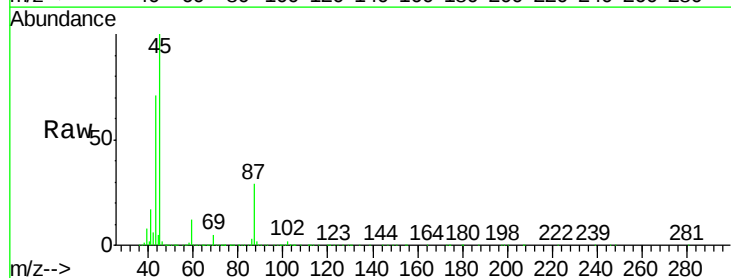
RT: 3.84 min Scan# 441

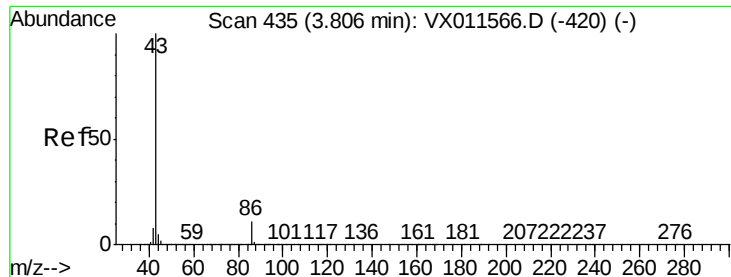
Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	45	Resp:	483253
Ion Ratio	Lower	Upper	
45	100		
43	71.1	52.7	79.1
87	29.3	23.5	35.3
59	11.6	9.0	13.4





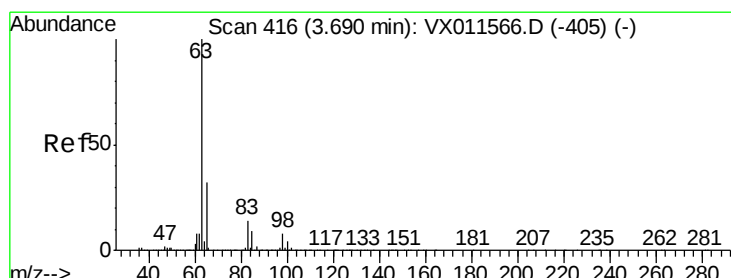
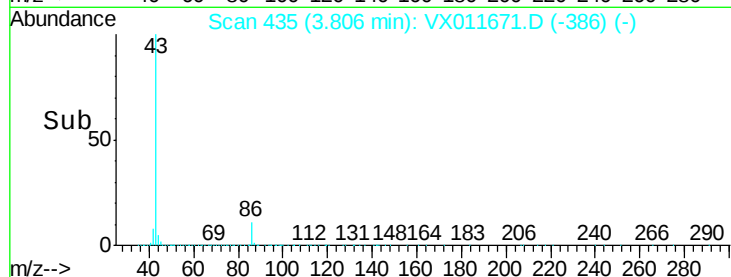
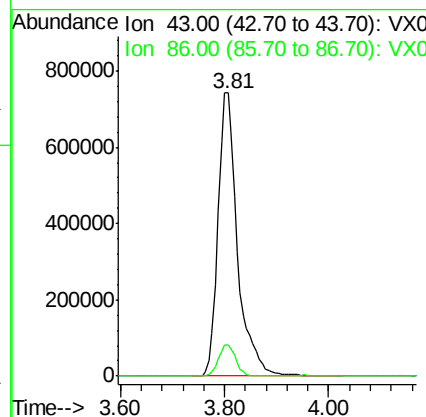
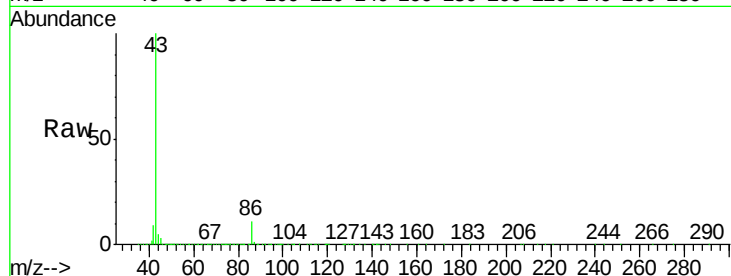
#23
 Vinyl Acetate
 Concen: 248.766 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1941450
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0

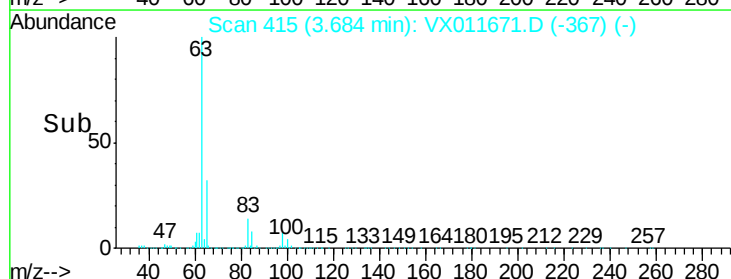
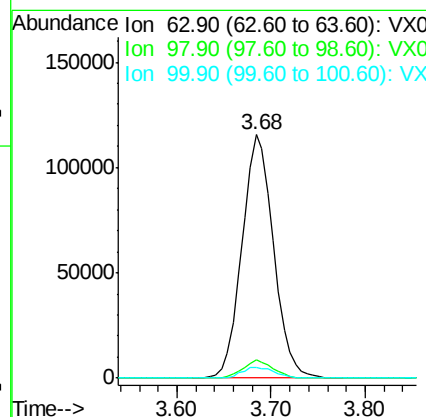
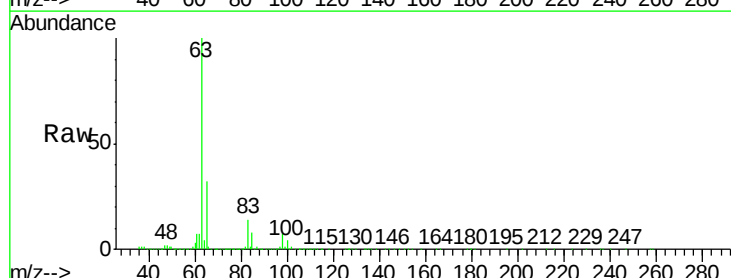
Manual Integrations
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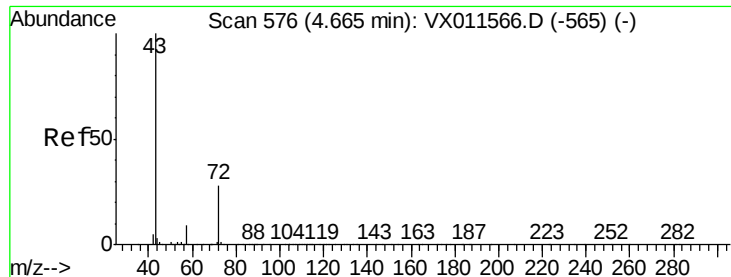
MMDadoda
 8/21/2019 8:33:04 AM



#24
 1,1-Dichloroethane
 Concen: 48.324 ug/l
 RT: 3.68 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion: 63 Resp: 269272
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 238.598 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 609413

Ion Ratio Lower Upper

43 100

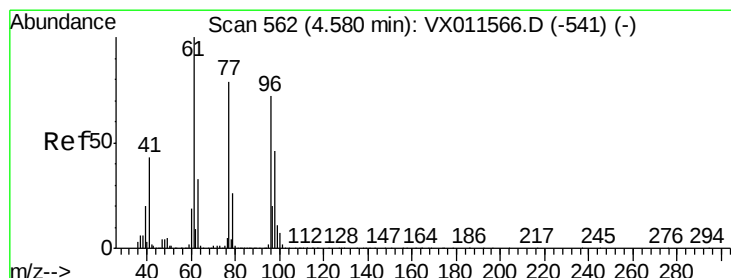
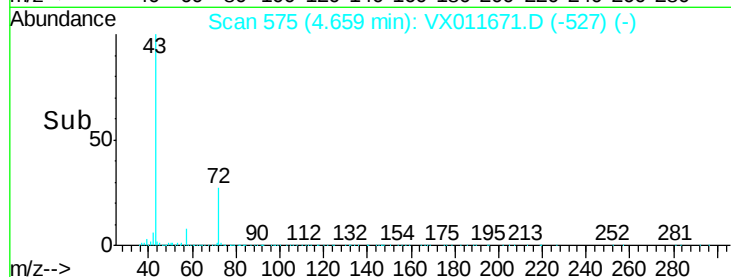
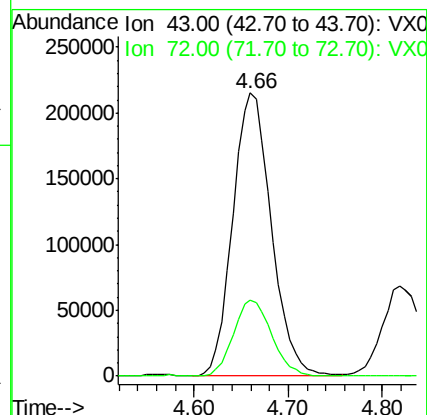
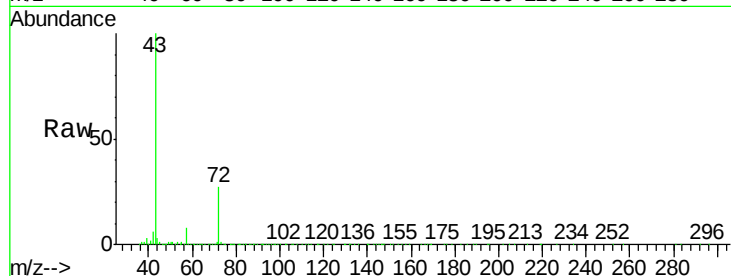
72 27.0 22.2 33.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.484 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011671.D

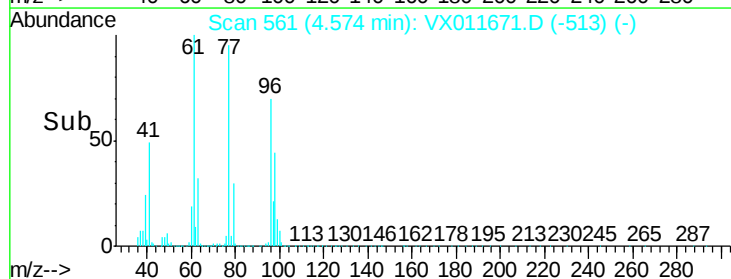
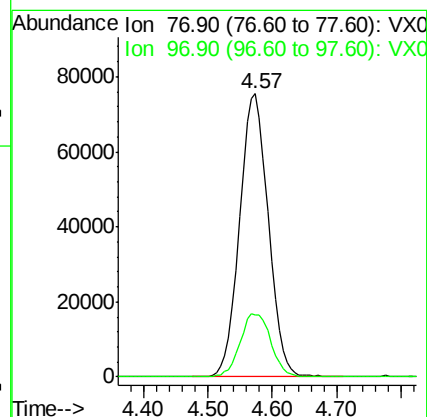
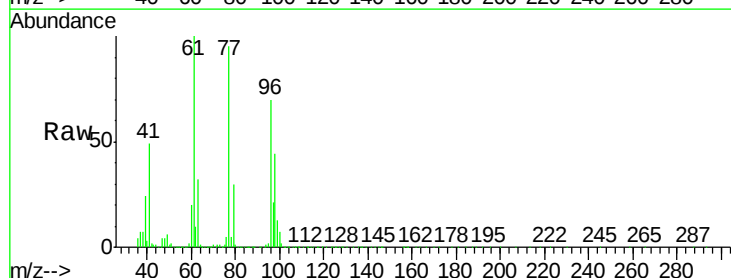
Acq: 20 Aug 2019 09:35

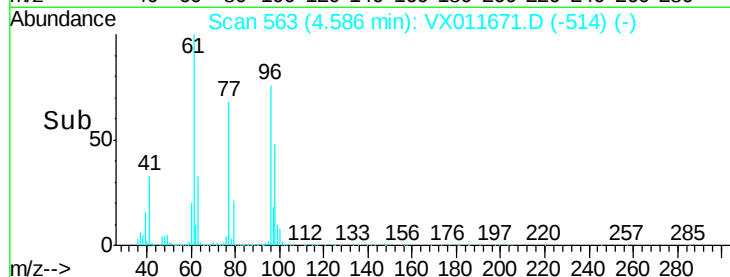
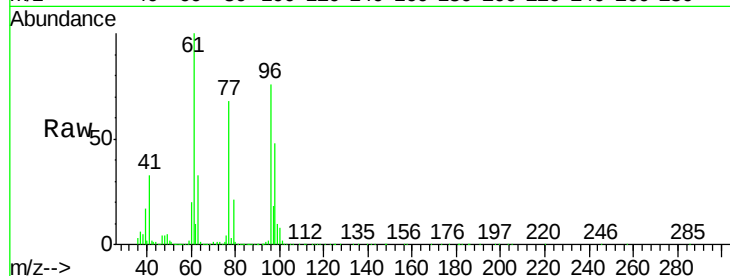
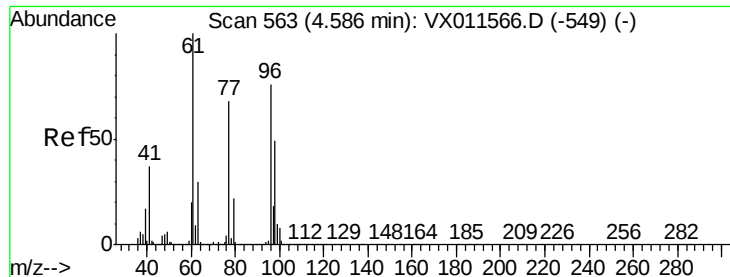
Tgt Ion: 77 Resp: 232694

Ion Ratio Lower Upper

77 100

97 23.8 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 48.470 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011671.D

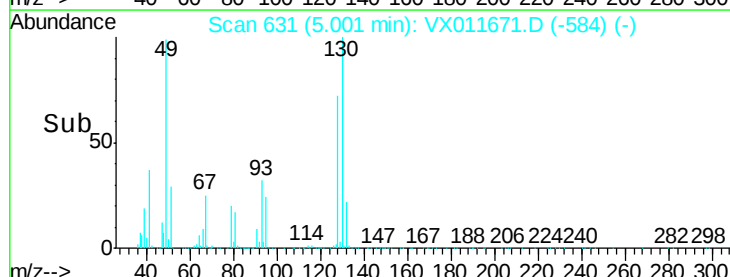
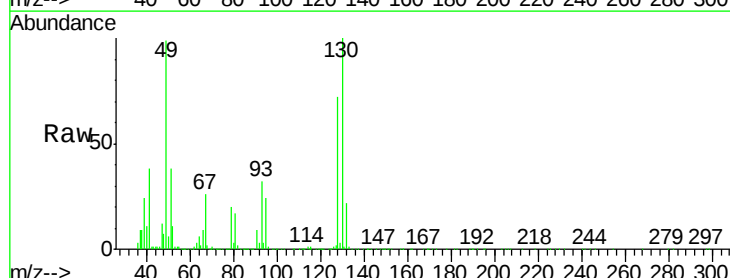
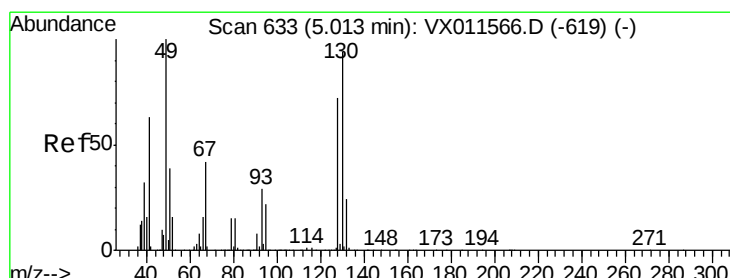
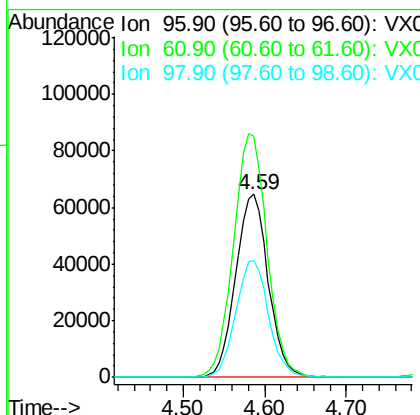
Acq: 20 Aug 2019 09:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178133	96	100			
	61	137.3	0.0	272.6	
	98	64.8	0.0	129.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#28

Bromochloromethane

Concen: 43.002 ug/l

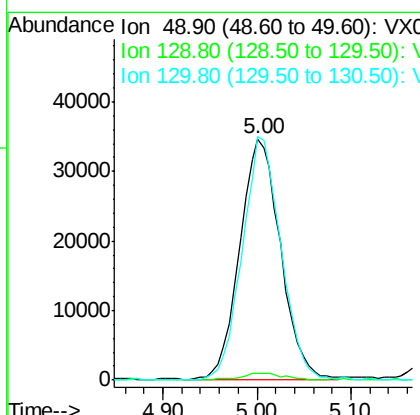
RT: 5.00 min Scan# 631

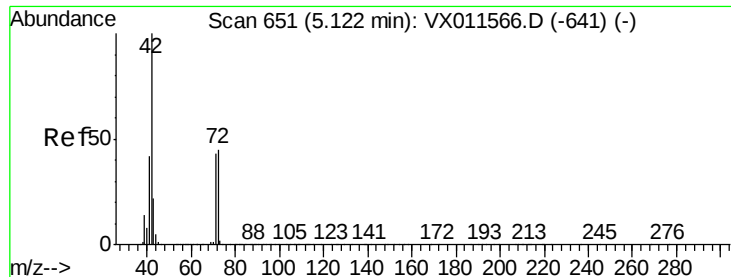
Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105188	49	100			
	129	3.2	0.0	5.0	
	130	95.8	76.6	115.0	





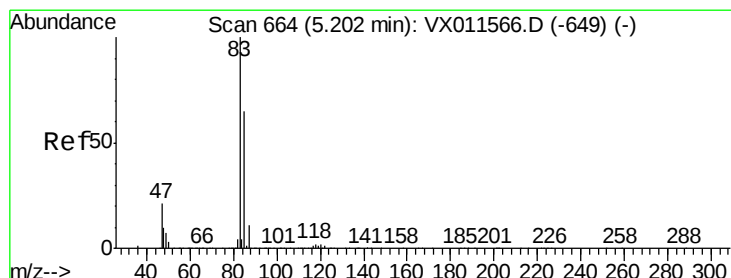
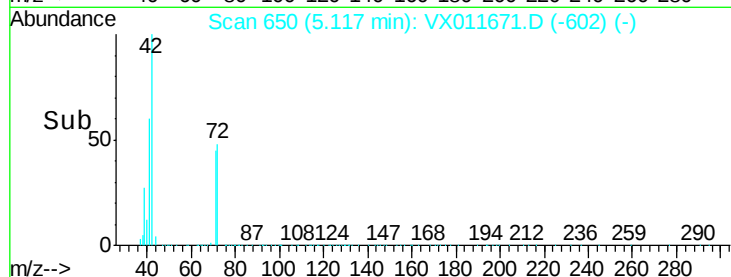
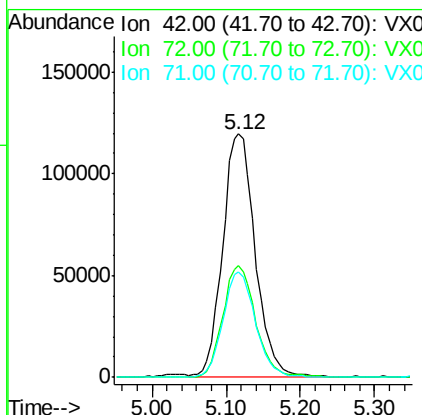
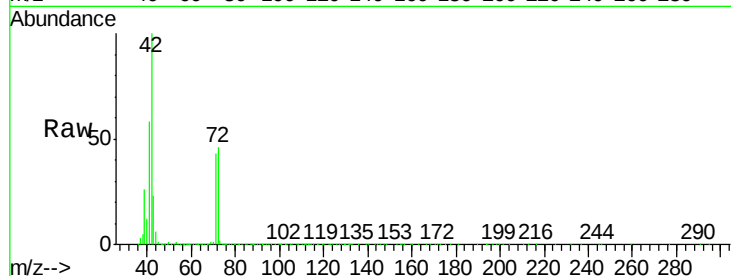
#29
Tetrahydrofuran
Concen: 215.536 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	36.1	54.1
71	43.2	33.8	50.8

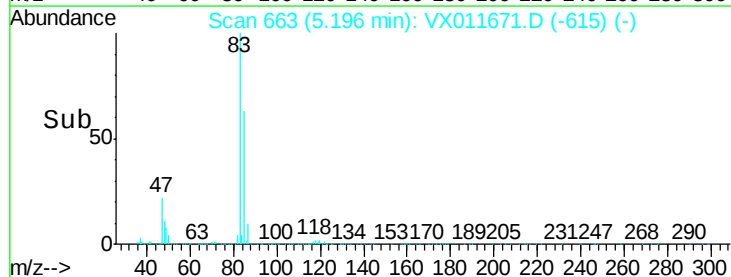
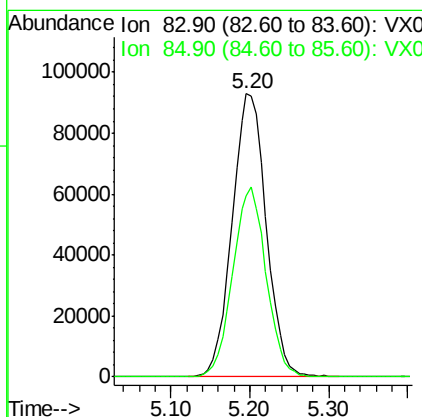
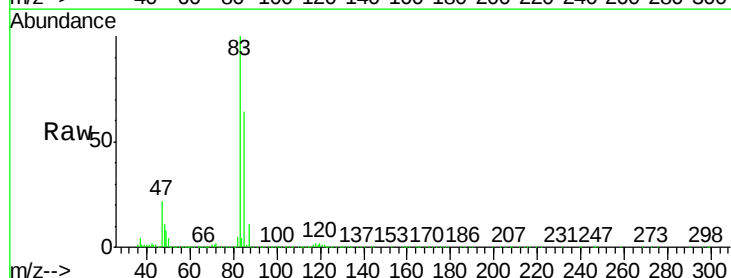
Manual Integrations
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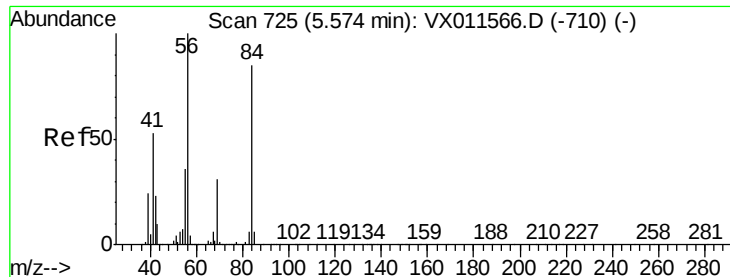
MMDadoda
8/21/2019 8:33:04 AM



#30
Chloroform
Concen: 47.358 ug/l
RT: 5.20 min Scan# 663
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9





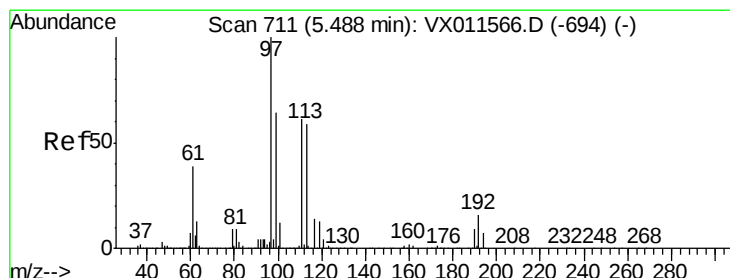
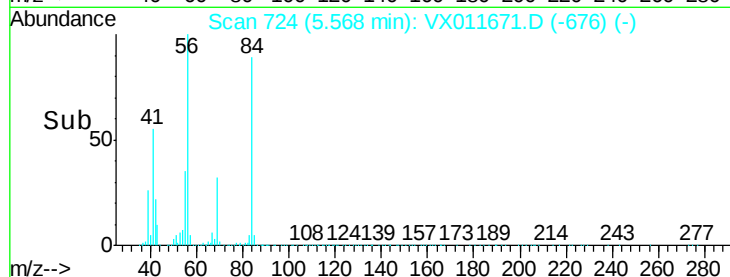
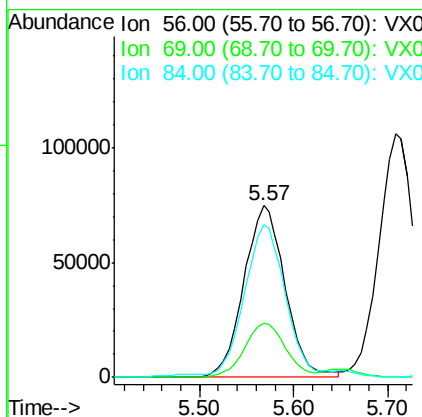
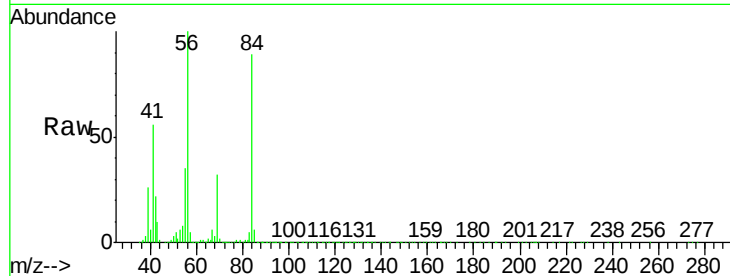
#31
Cyclohexane
Concen: 47.548 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.8	37.2
84	87.6	67.9	101.9

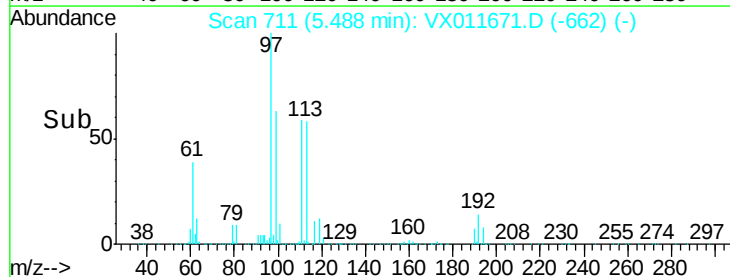
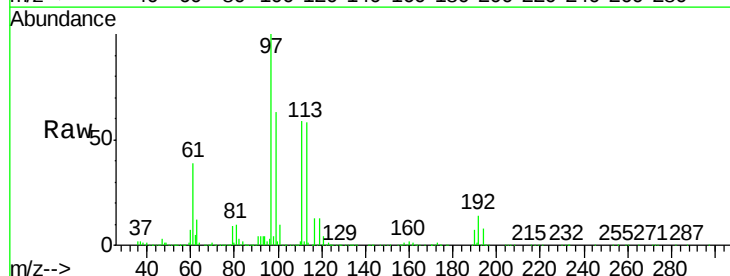
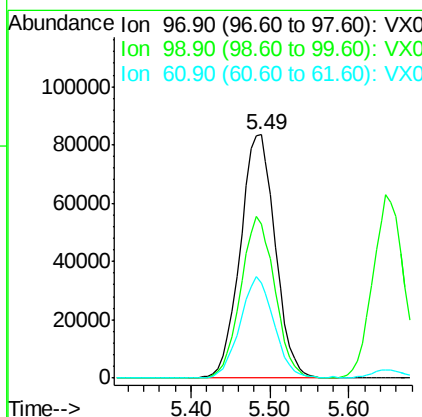
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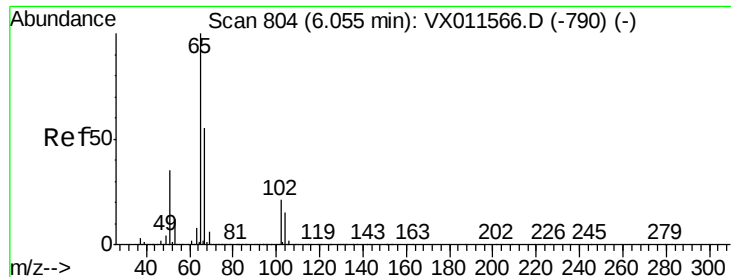
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#32
1,1,1-Trichloroethane
Concen: 50.744 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	40.2	31.4	47.2





#33

1,2-Dichloroethane-d4

Concen: 45.465 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tot Ion	Ratio	Resp	Lower	Upper
65	100	147107		
67	50.7	0.0	107.6	

Instrument :

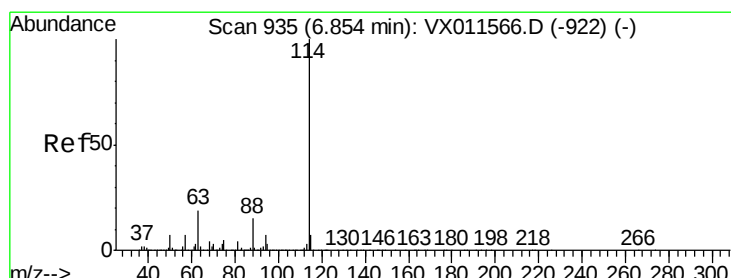
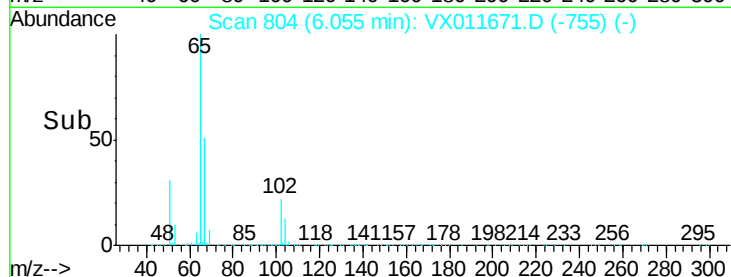
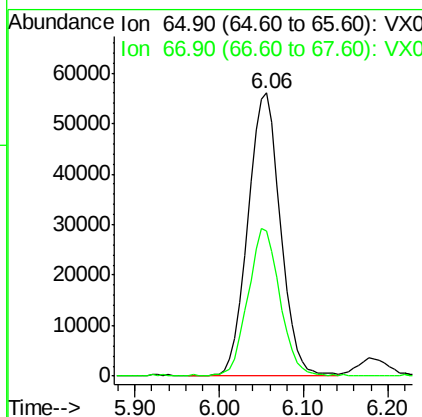
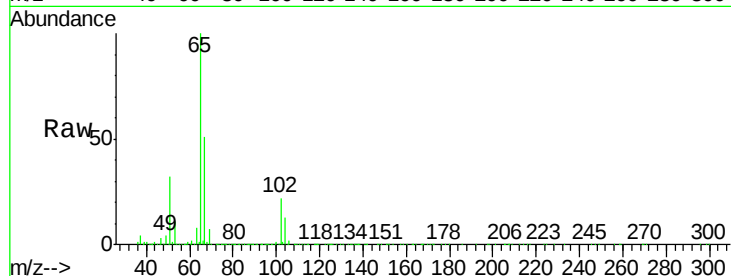
MSVOA_X

ClientSampleId :

VSTDCCC050

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

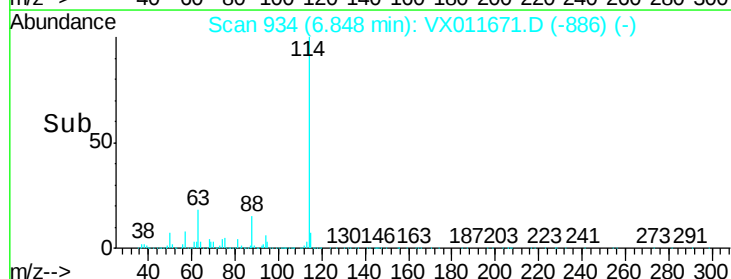
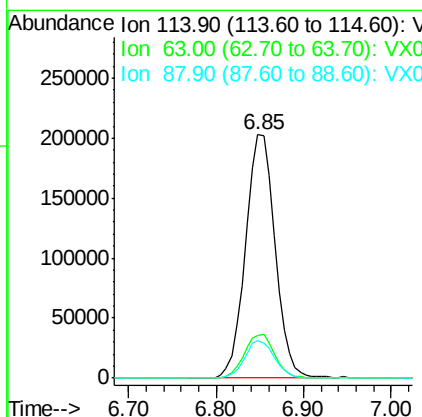
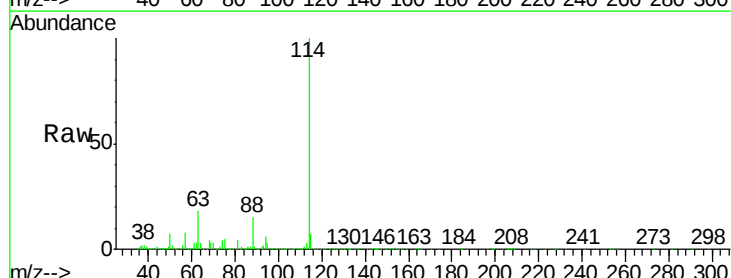
RT: 6.85 min Scan# 934

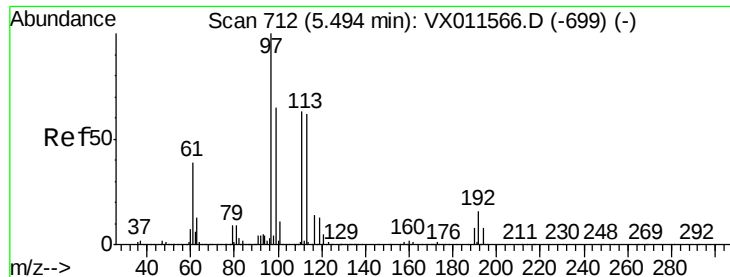
Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	477410		
63	17.6	0.0	37.8	
88	15.3	0.0	30.2	





#35

Dibromofluoromethane

Concen: 44.728 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

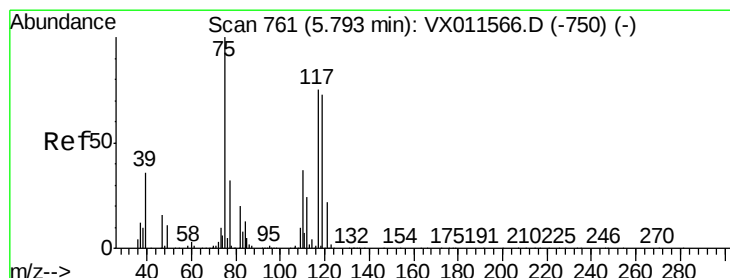
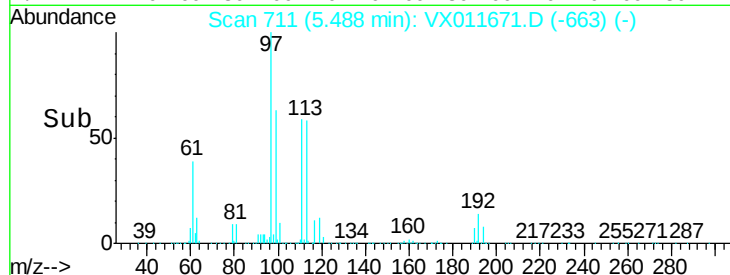
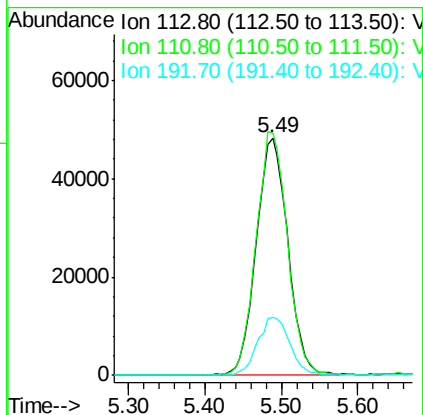
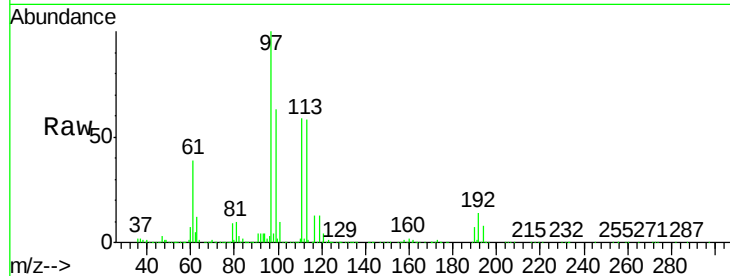
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	139666
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.1	121.7
192	24.9	20.8	31.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.648 ug/l

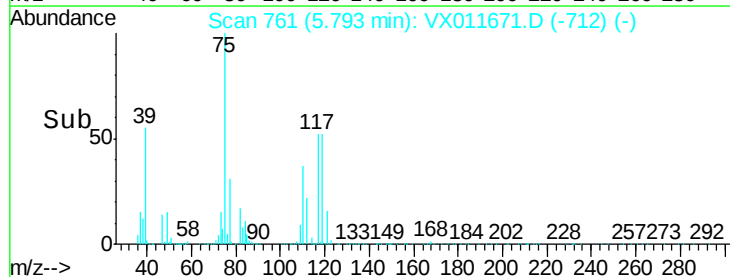
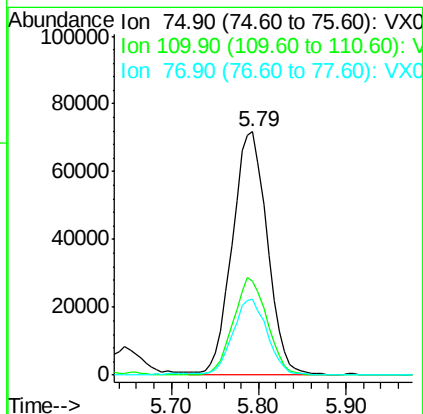
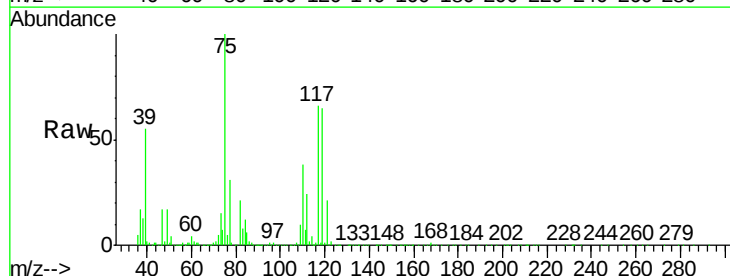
RT: 5.79 min Scan# 761

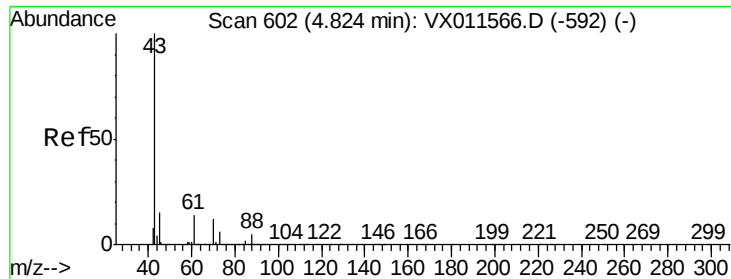
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	75	Resp:	198573
Ion Ratio	Lower	Upper	
75	100		
110	38.7	19.4	58.1
77	30.5	25.1	37.7





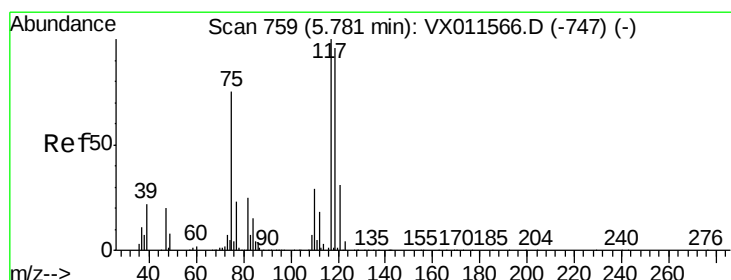
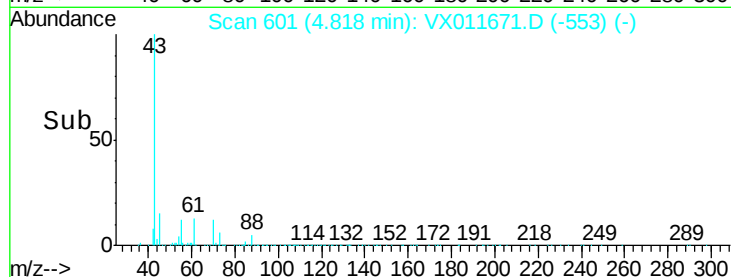
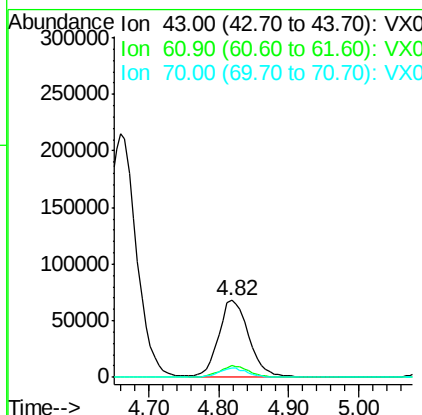
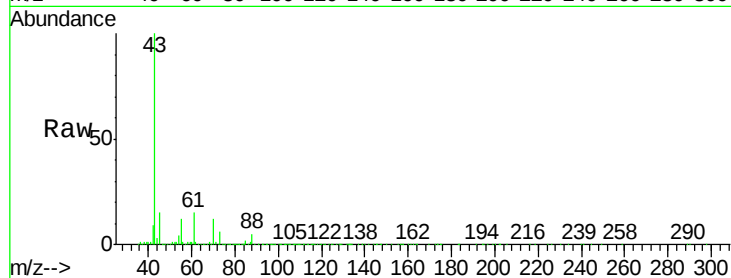
#37
Ethyl Acetate
Concen: 43.224 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	11.5	9.0	13.6

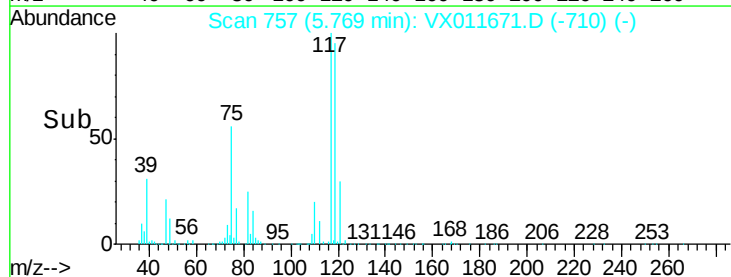
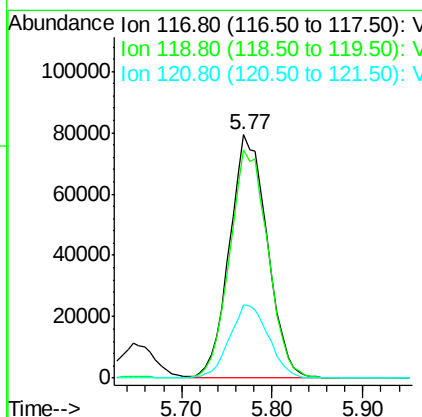
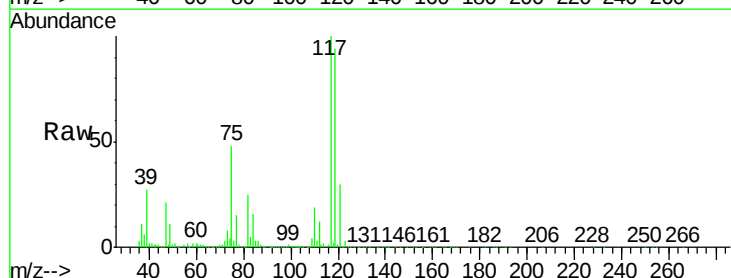
Manual Integrations
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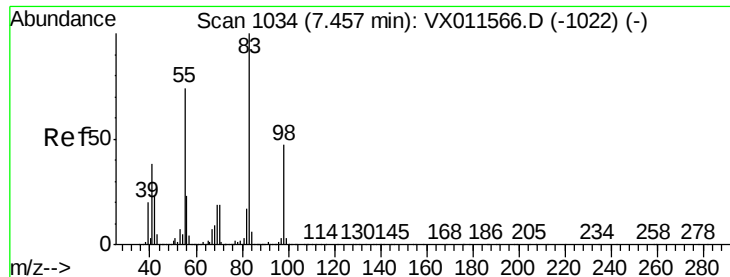
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#38
Carbon Tetrachloride
Concen: 50.709 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.9	115.3
121	29.9	24.8	37.2





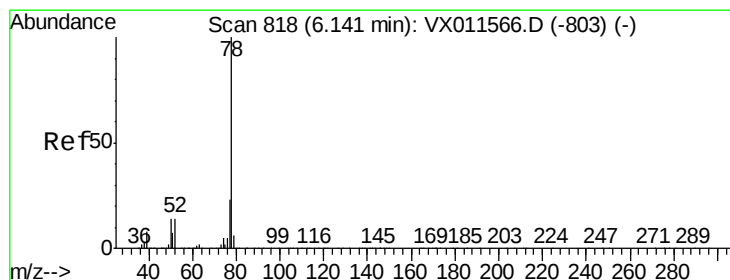
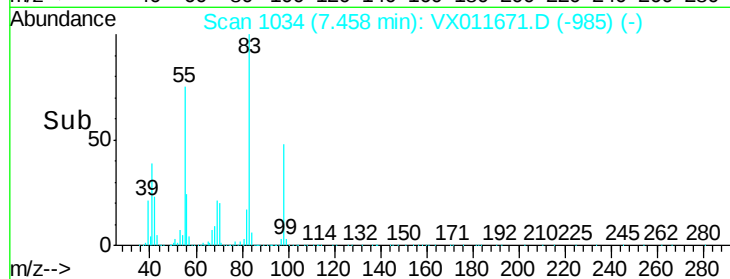
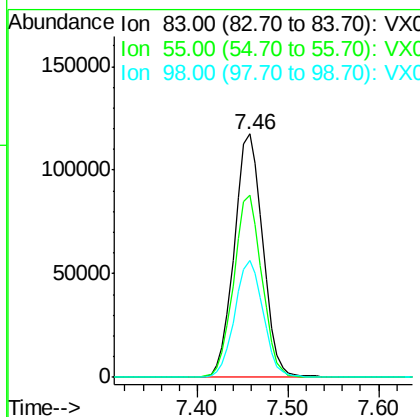
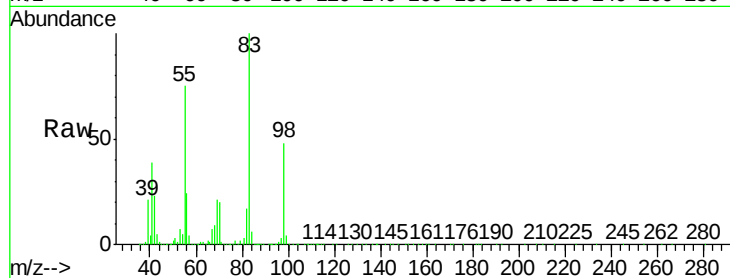
#39
Methvlcvclohexane
Concen: 50.900 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	58.8	88.2
98	47.7	37.8	56.6

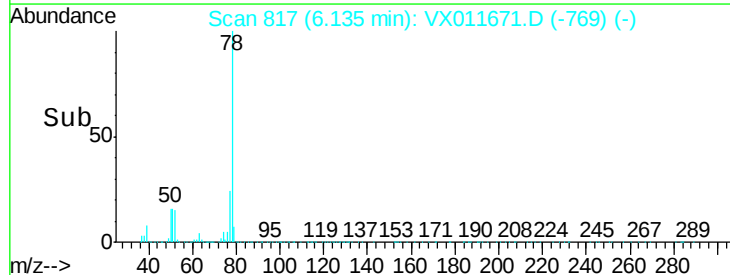
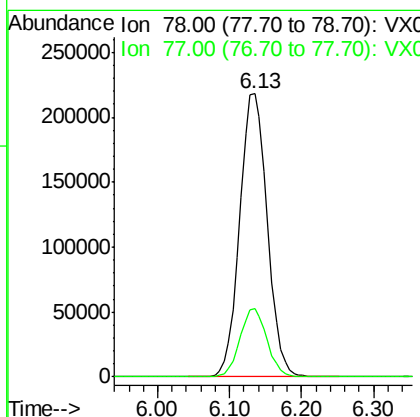
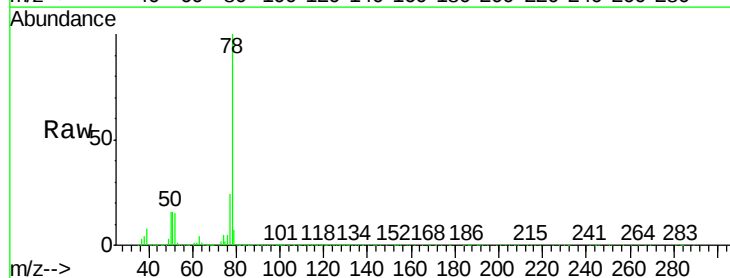
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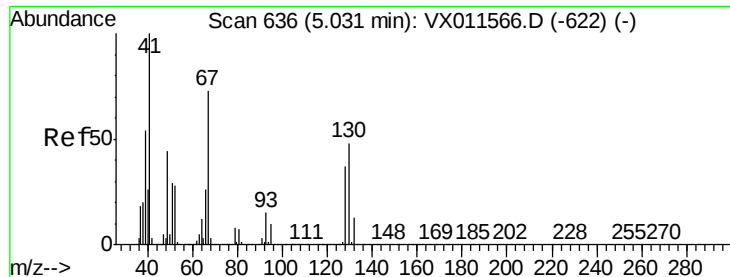
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#40
Benzene
Concen: 45.597 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





#41

Methacrylonitrile

Concen: 46.100 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011671.D

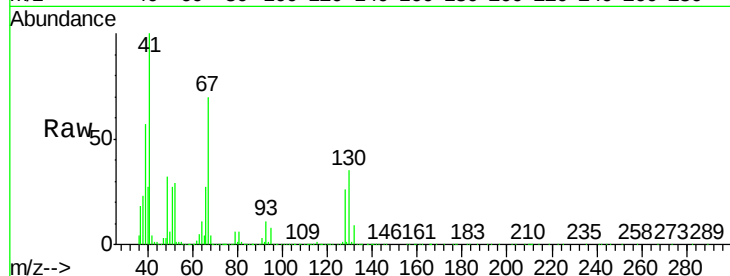
Acq: 20 Aug 2019 09:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		119117		
39	56.5	43.5	65.3		
67	72.6	59.4	89.2		
52	28.8	23.4	35.2		

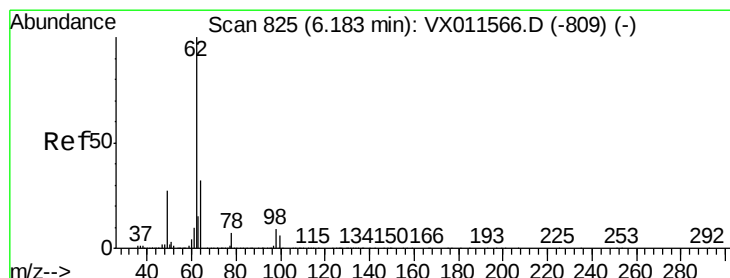
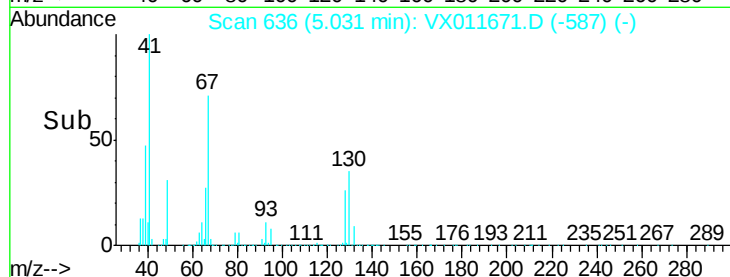
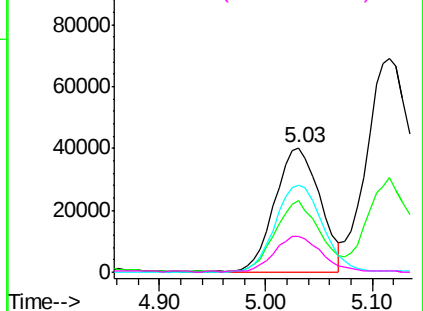
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.769 ug/l

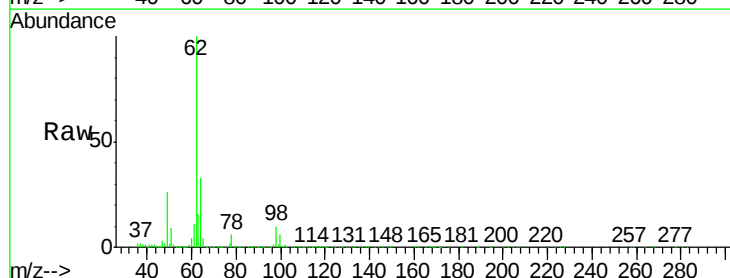
RT: 6.18 min Scan# 825

Delta R.T. 0.00 min

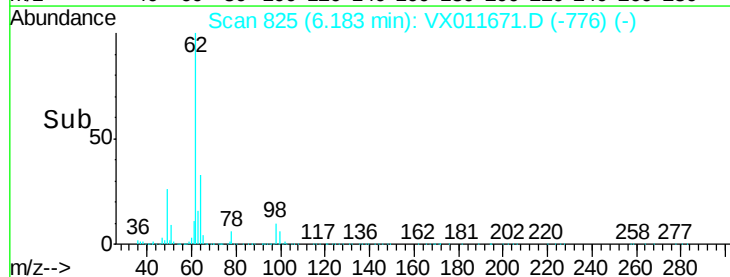
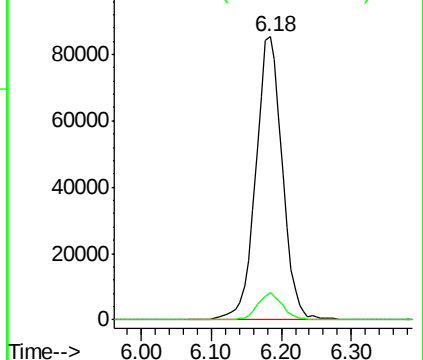
Lab File: VX011671.D

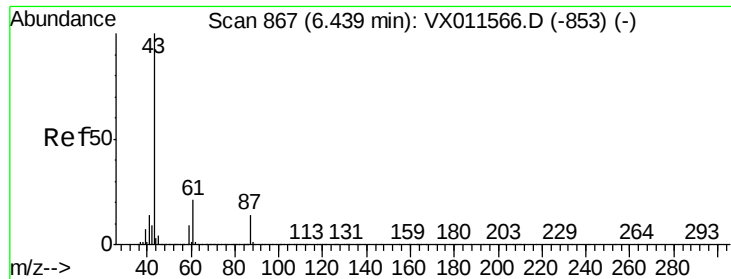
Acq: 20 Aug 2019 09:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		223118		
98	8.8	0.0	19.4		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

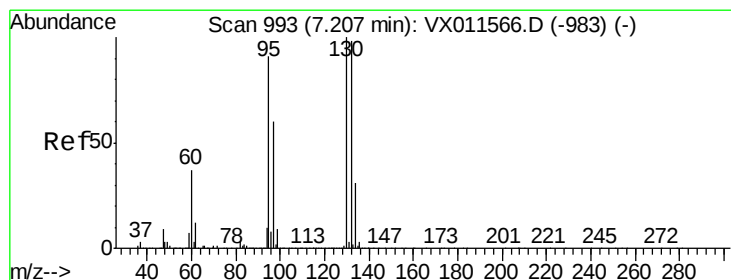
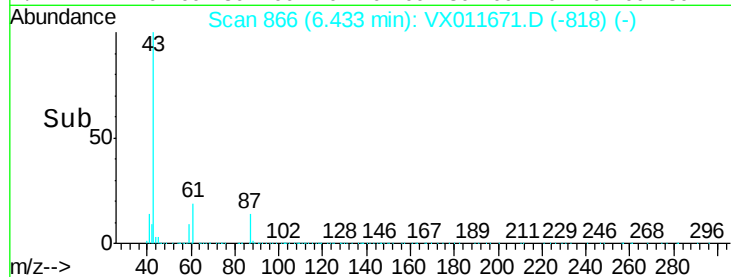
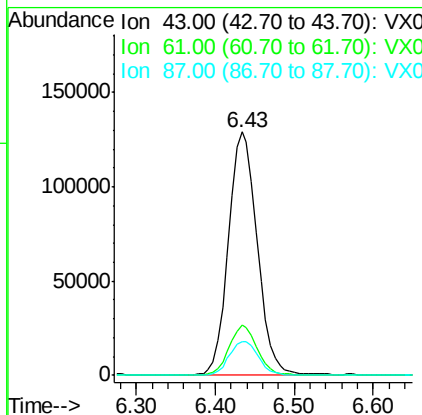
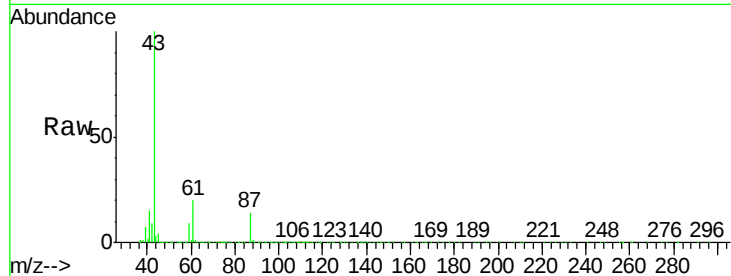
Isopropyl Acetate
 Concen: 44.605 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.6	24.8
87	14.3	11.4	17.2

Manual Integrations
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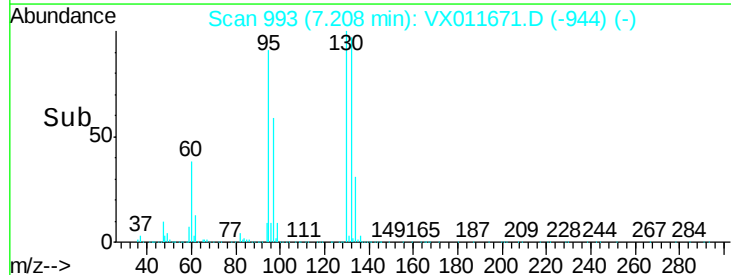
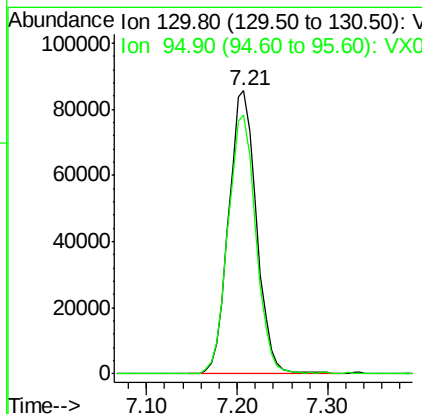
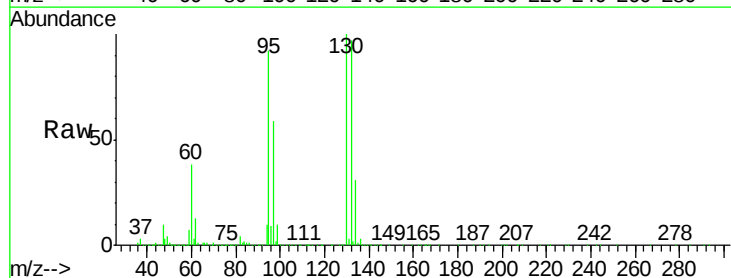
MMDadoda
 8/21/2019 8:33:04 AM

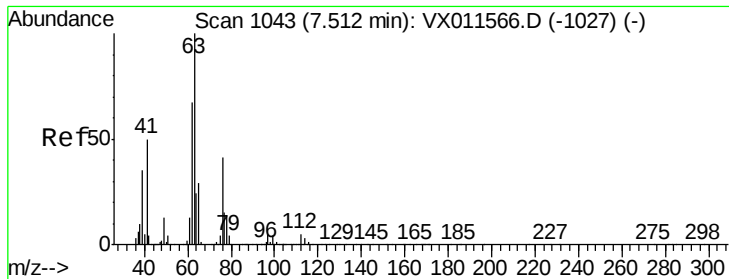


#44

Trichloroethene
 Concen: 48.649 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	181.4





#45

1,2-Dichloropropane

Concen: 49.610 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 156936

Ion Ratio Lower Upper

63 100

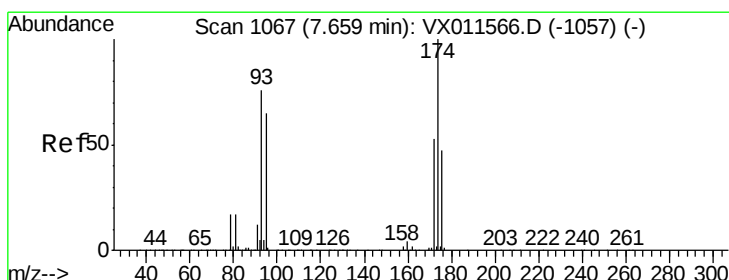
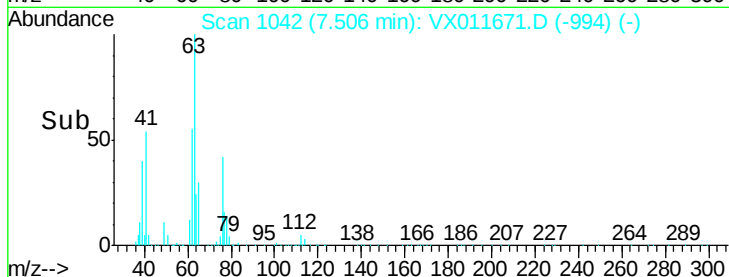
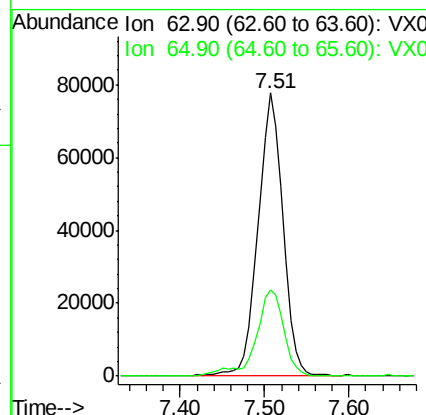
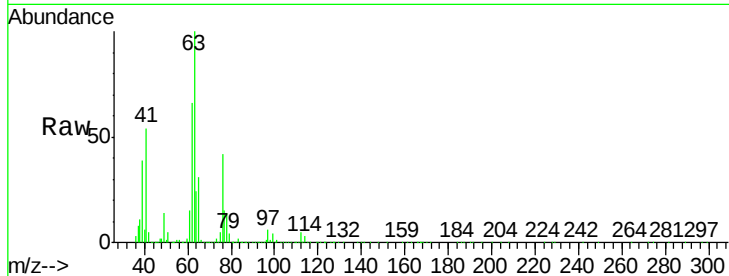
65 30.4 23.4 35.2

Manual Integrations

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#46

Dibromomethane

Concen: 45.400 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

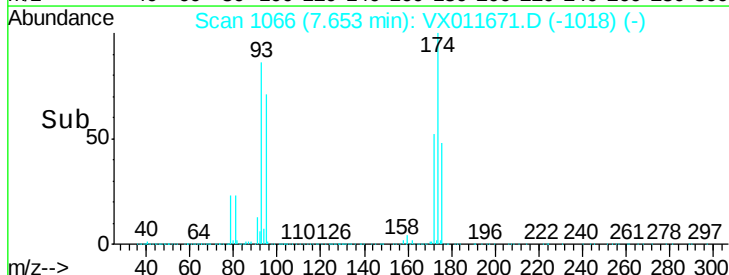
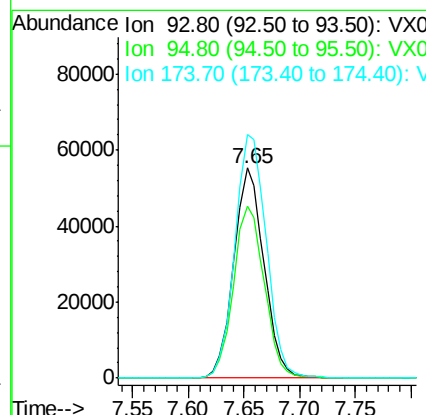
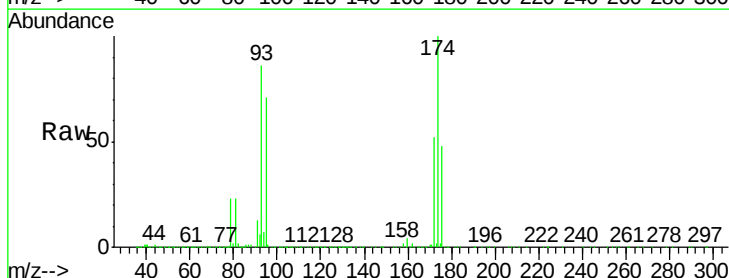
Tgt Ion: 93 Resp: 104367

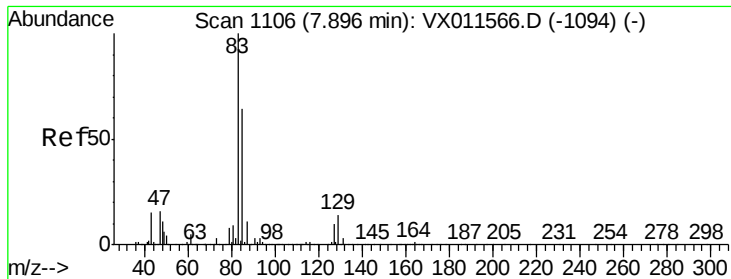
Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

174 120.3 105.5 158.3





#47

Bromodichloromethane

Concen: 47.621 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

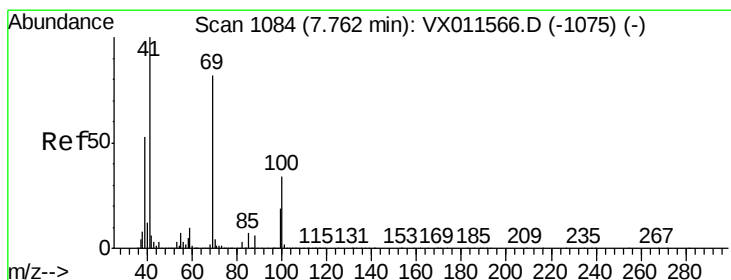
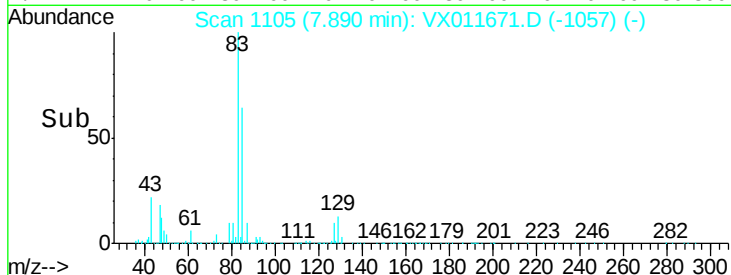
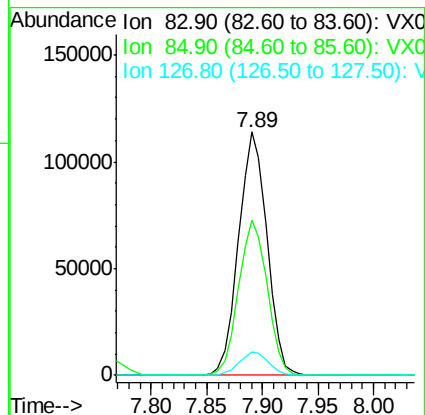
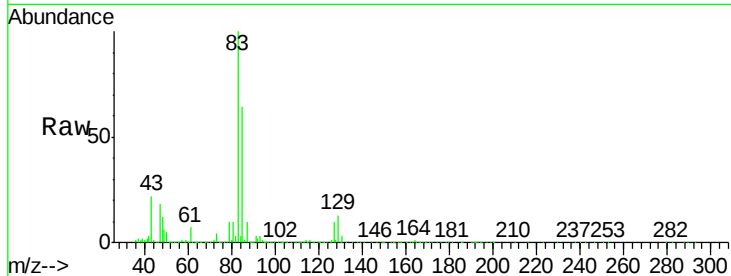
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	201004
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.2	76.8
127	9.6	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.257 ug/l

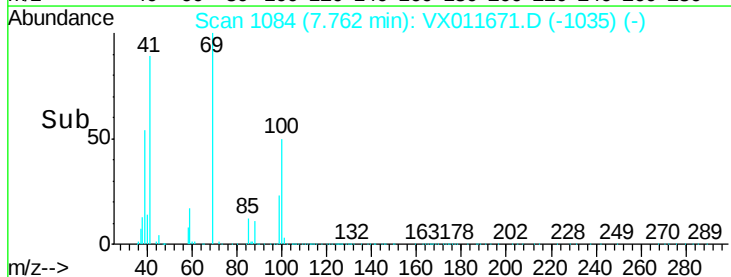
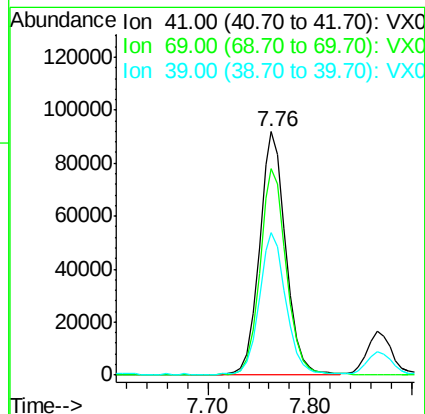
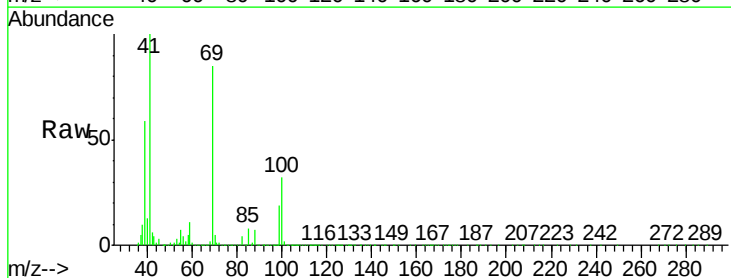
RT: 7.76 min Scan# 1084

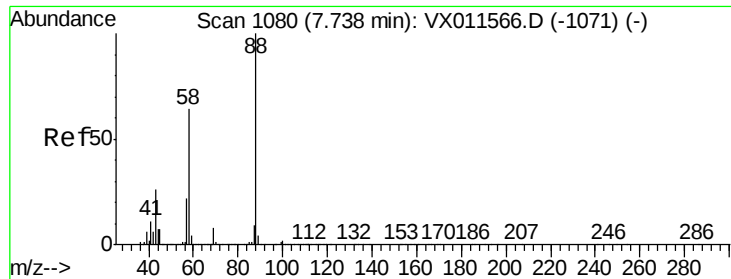
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	41	Resp:	164210
Ion Ratio	Lower	Upper	
41	100		
69	85.0	67.9	101.9
39	59.0	41.6	62.4





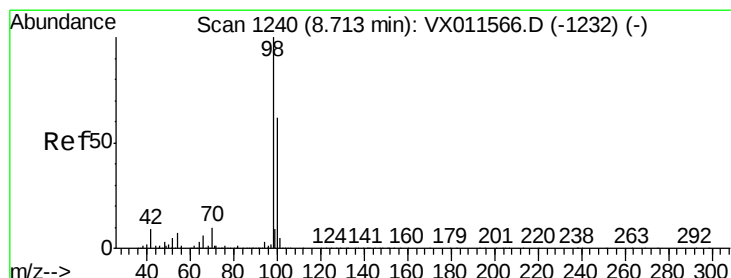
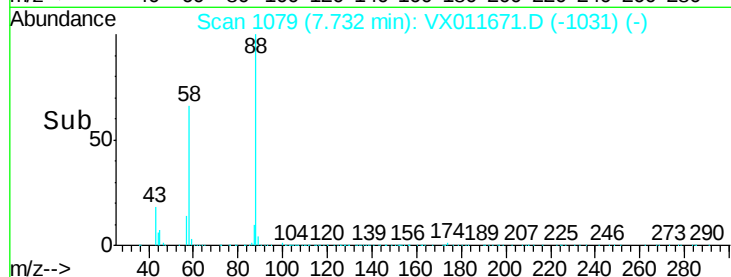
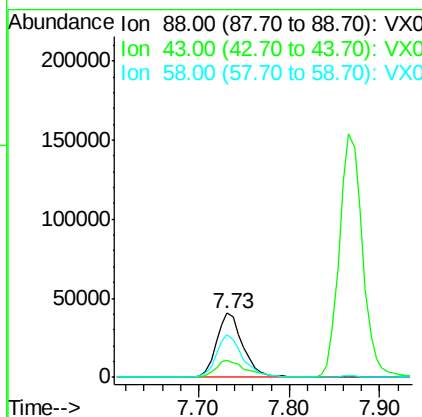
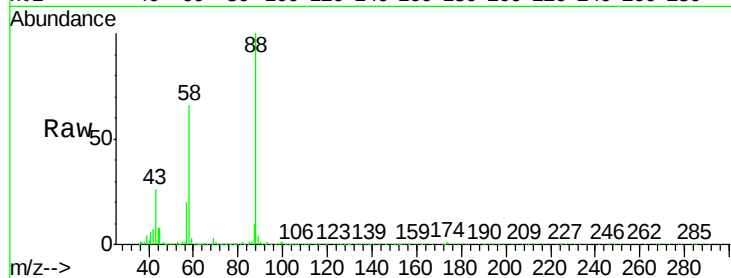
#49
1,4-Dioxane
Concen: 846.207 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.4	35.0
58	65.5	54.3	81.5

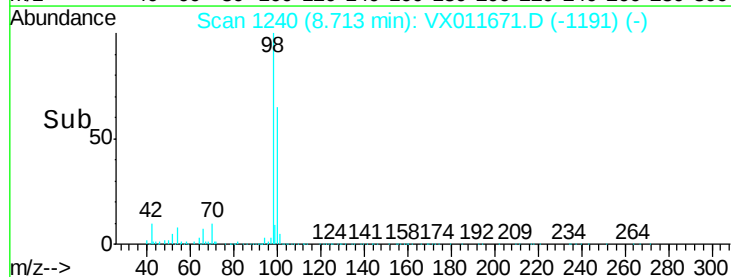
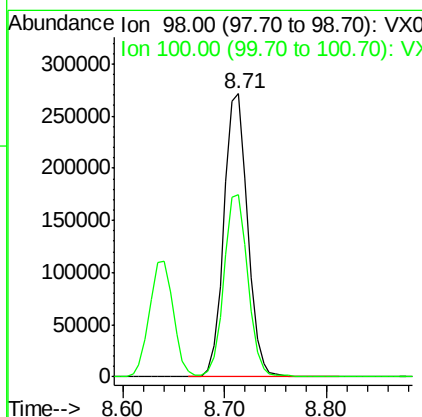
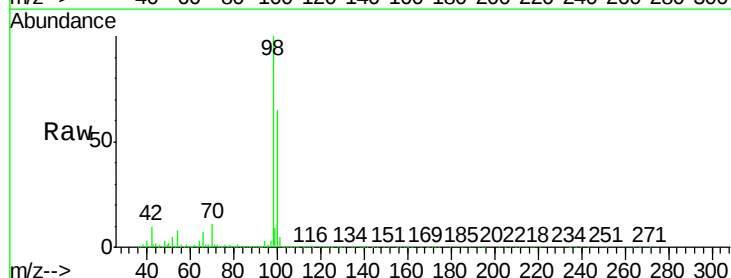
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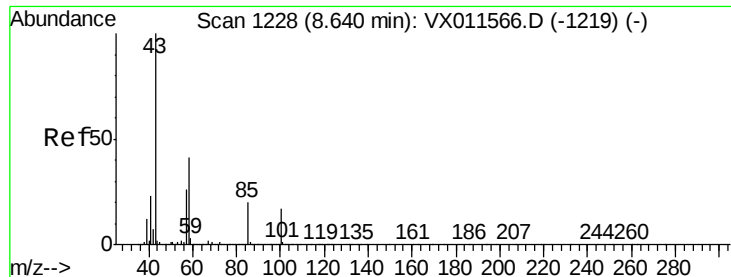
MMDadoda
8/21/2019 8:33:04 AM



#50
Toluene-d8
Concen: 44.818 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





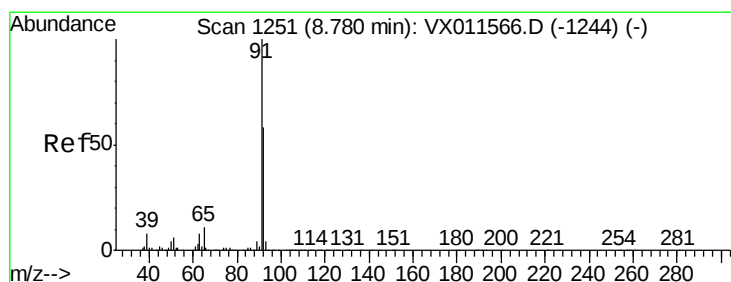
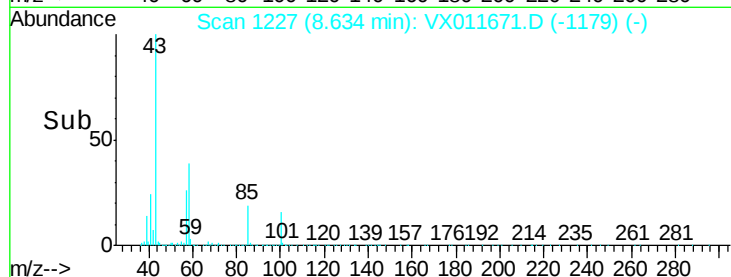
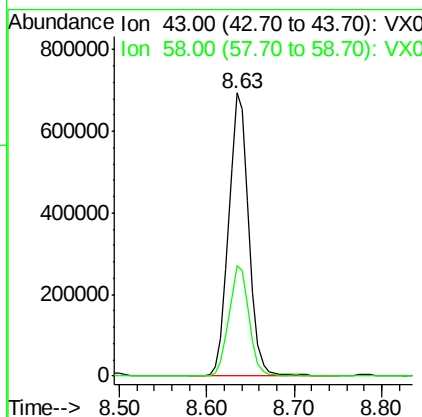
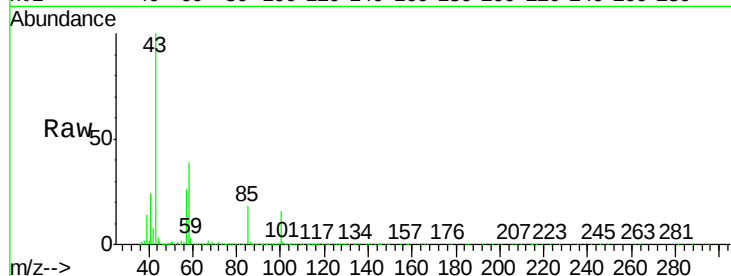
#51
4-Methyl-2-Pentanone
Concen: 230.317 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1104539
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6

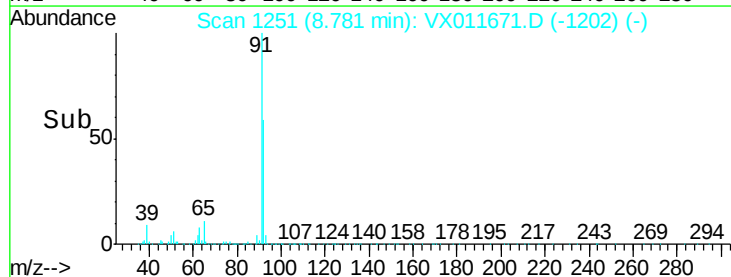
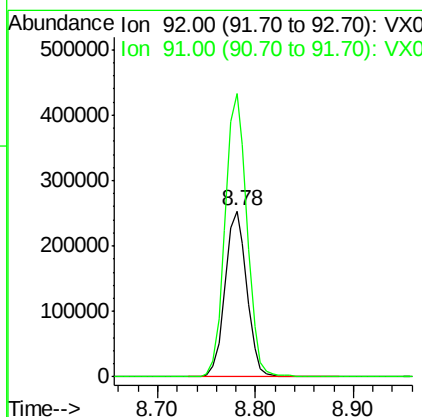
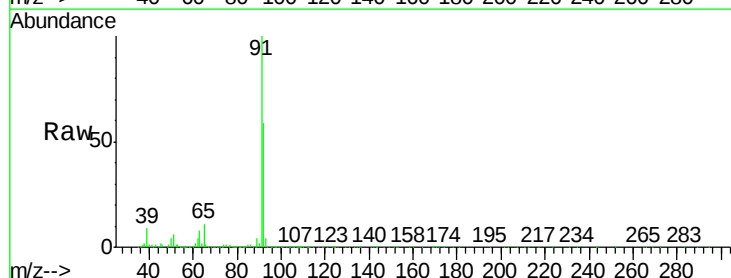
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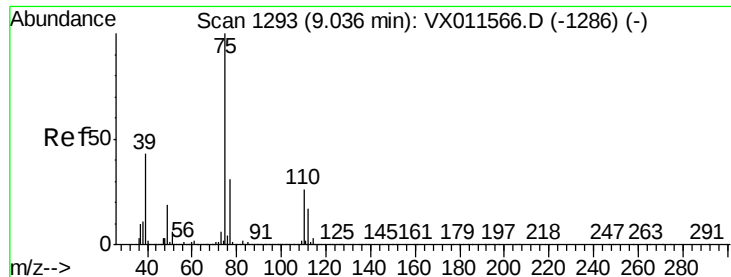
MMDadoda
8/21/2019 8:33:04 AM



#52
Toluene
Concen: 48.208 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 92 Resp: 389577
Ion Ratio Lower Upper
92 100
91 172.4 138.0 207.0





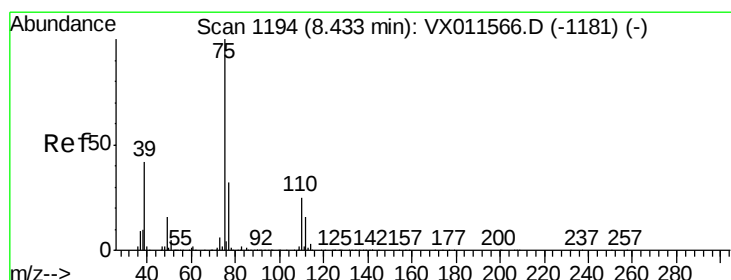
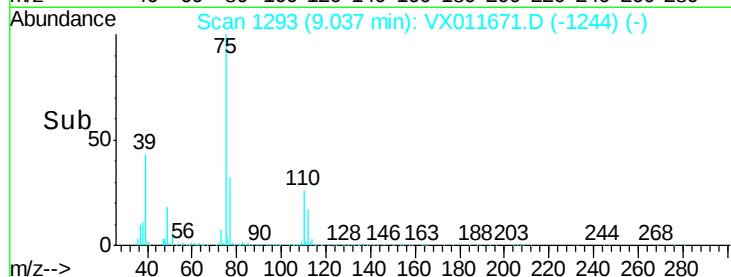
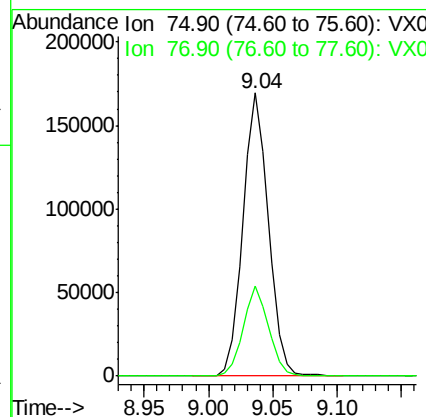
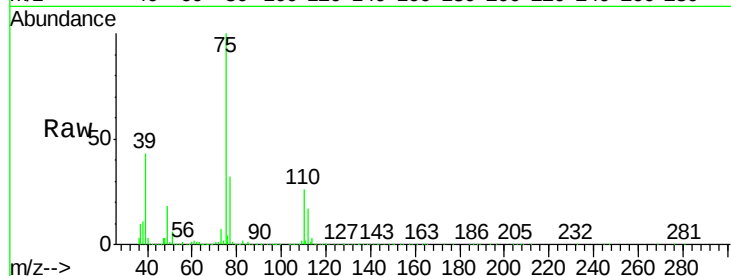
#53
t-1,3-Dichloropropene
Concen: 52.909 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7

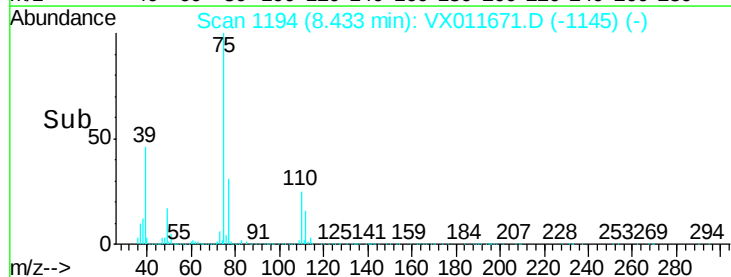
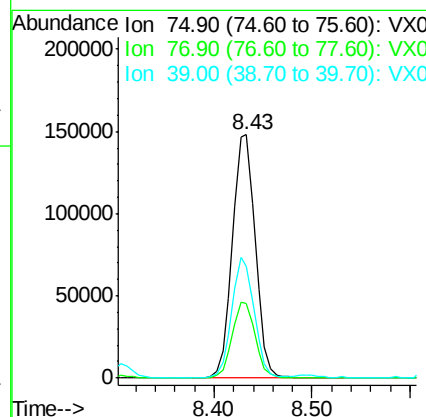
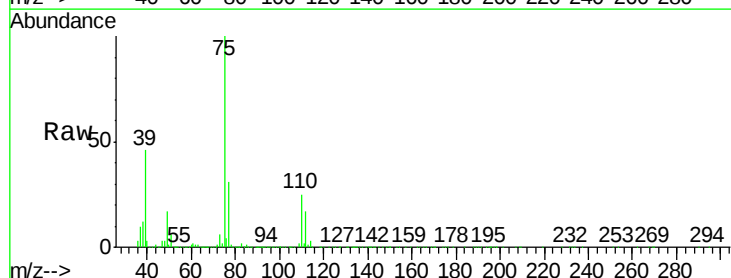
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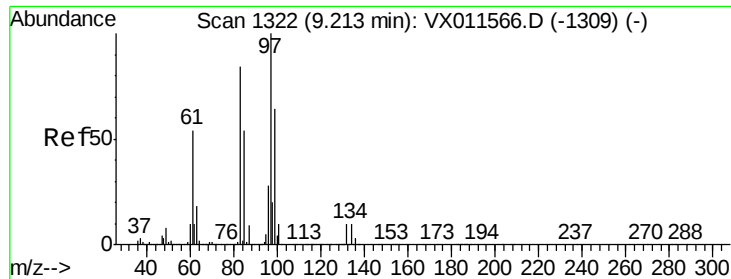
MMDadoda
8/21/2019 8:33:04 AM



#54
cis-1,3-Dichloropropene
Concen: 50.499 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3
39	46.0	33.6	50.4





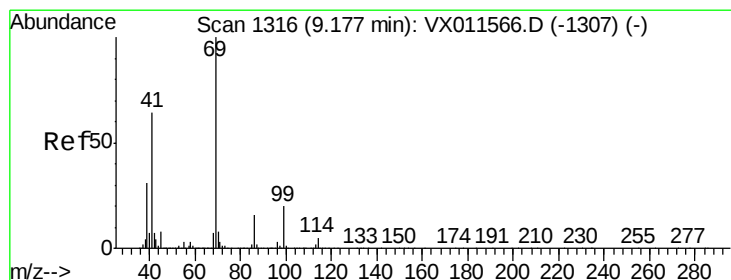
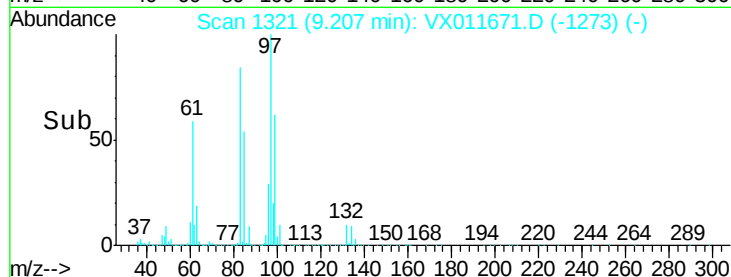
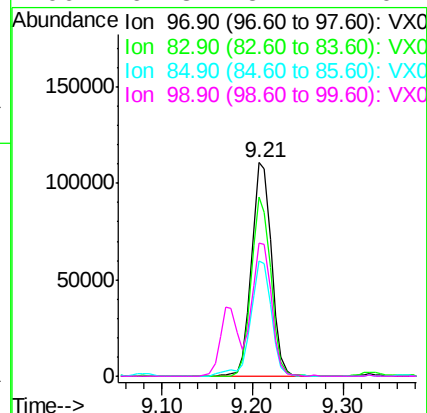
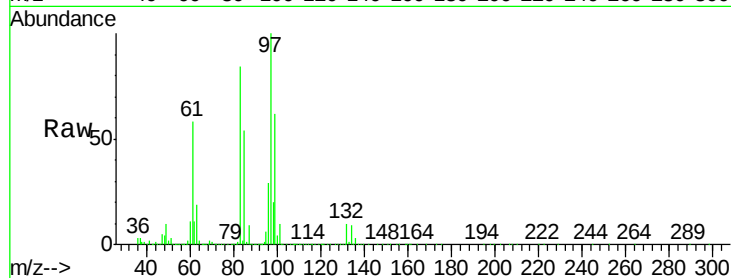
#55
 1,1,2-Trichloroethane
 Concen: 49.053 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		168571		
83	84.0	67.4	101.0		
85	53.9	43.4	65.2		
99	62.3	51.1	76.7		

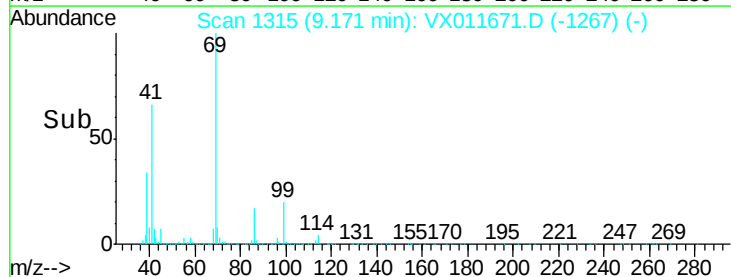
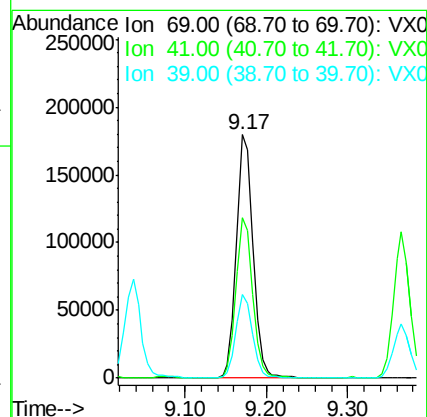
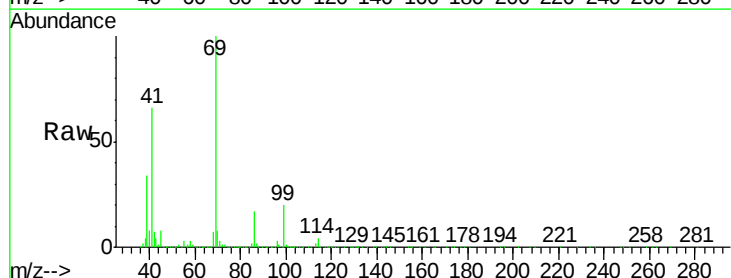
Manual Integrations
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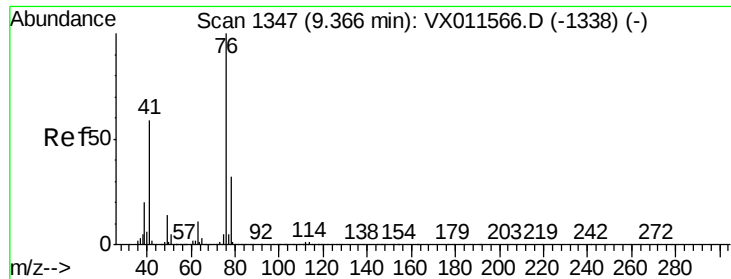
MMDadoda
 8/21/2019 8:33:04 AM



#56
 Ethyl methacrylate
 Concen: 50.347 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		251471		
41	65.4	52.1	78.1		
39	33.9	25.4	38.0		





#57

1,3-Dichloropropane

Concen: 47.946 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 261910

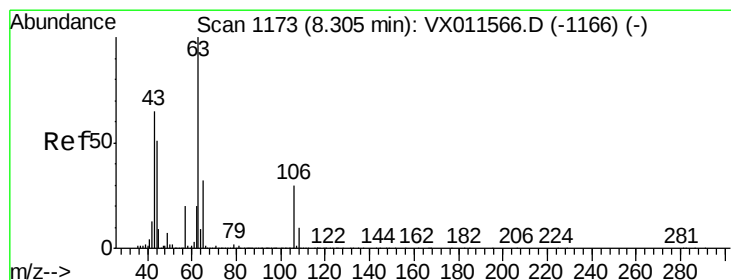
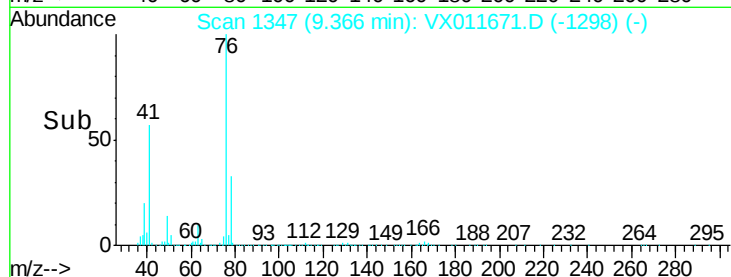
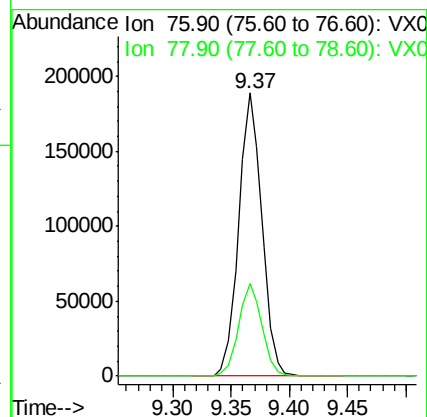
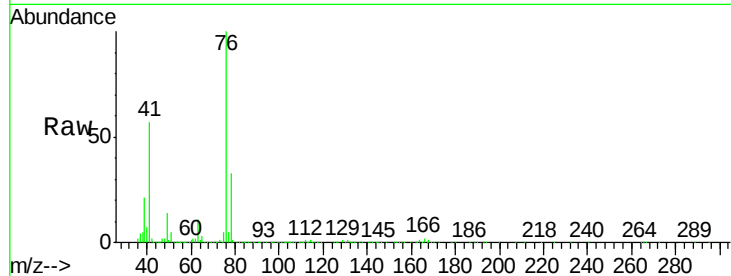
Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4

Manual Integrations
APPROVED

MMDadoda
8/21/2019 8:33:04 AM



#58

2-Chloroethyl Vinyl ether

Concen: 231.518 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011671.D

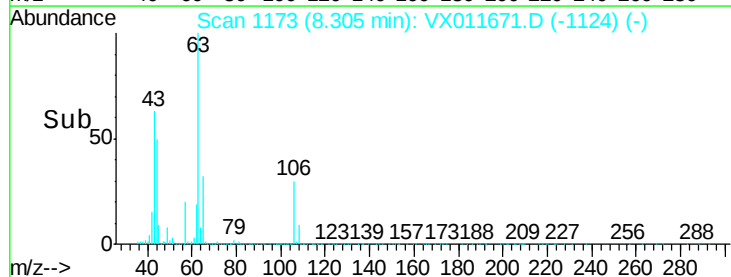
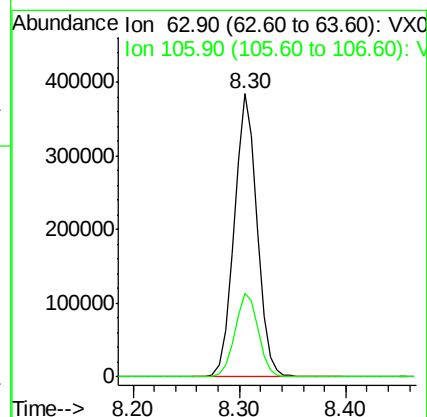
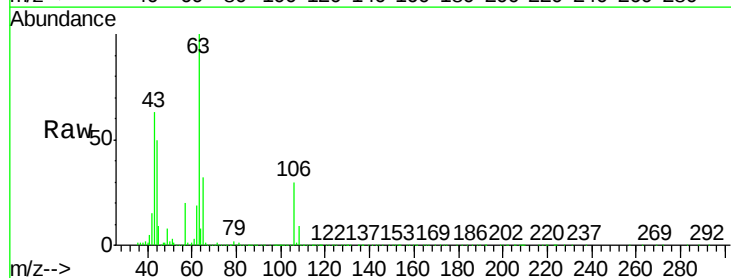
Acq: 20 Aug 2019 09:35

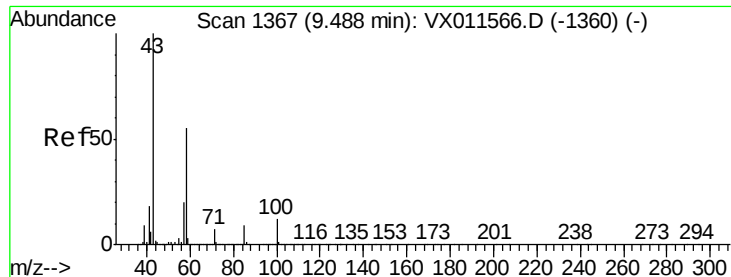
Tgt Ion: 63 Resp: 576182

Ion Ratio Lower Upper

63 100

106 30.3 24.7 37.1





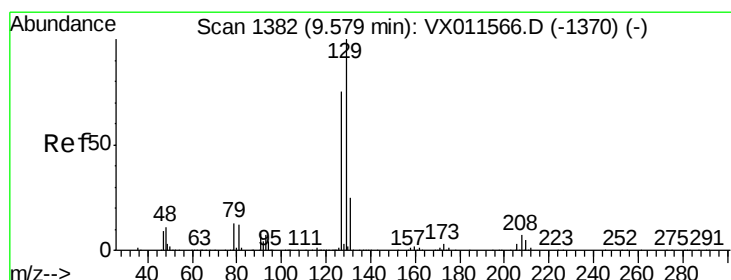
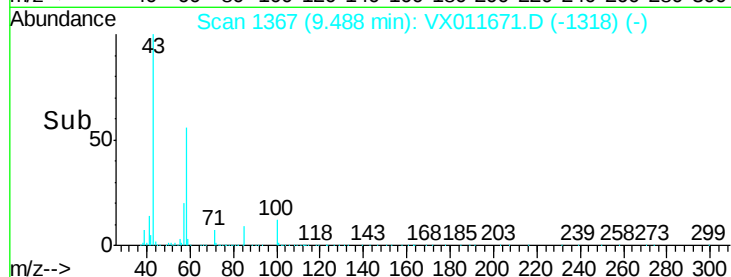
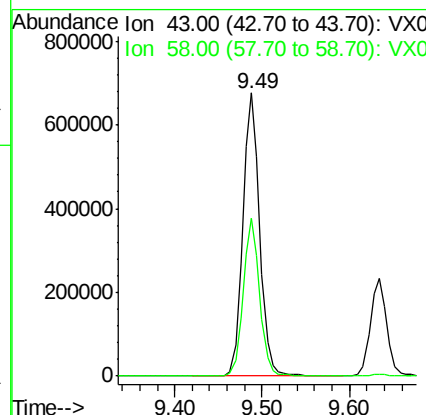
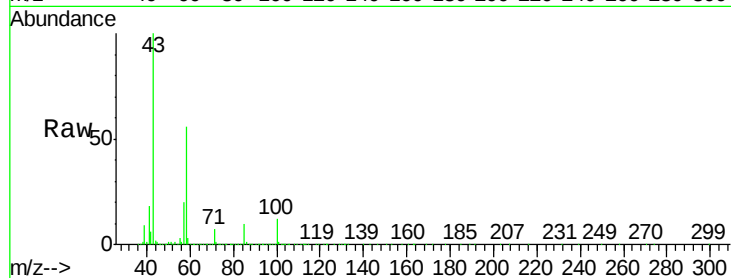
#59
2-Hexanone
Concen: 246.752 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	27.5	82.4

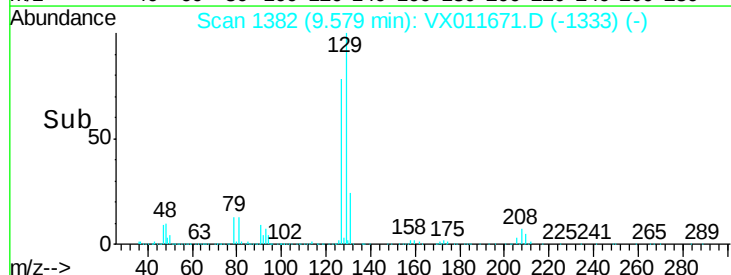
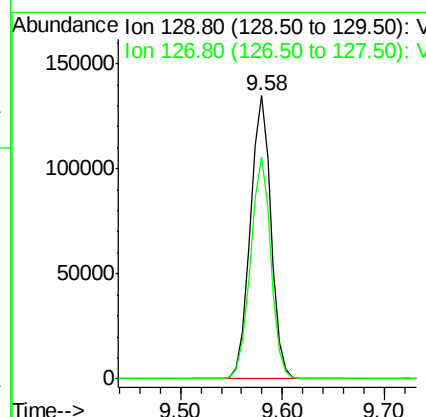
Manual Integrations
APPROVED

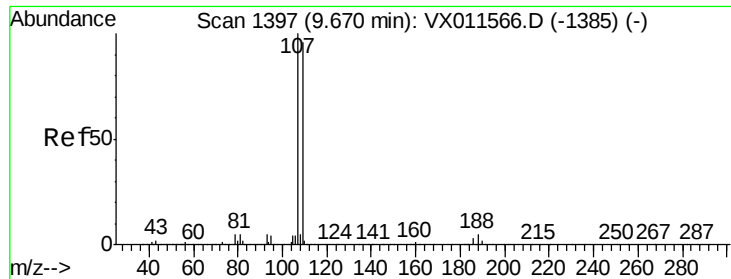
MMDadoda
8/21/2019 8:33:04 AM



#60
Dibromochloromethane
Concen: 53.035 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.0	114.1





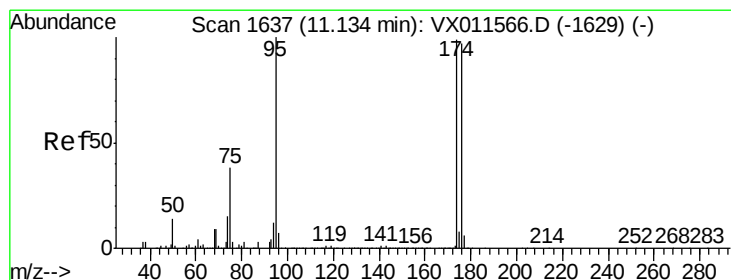
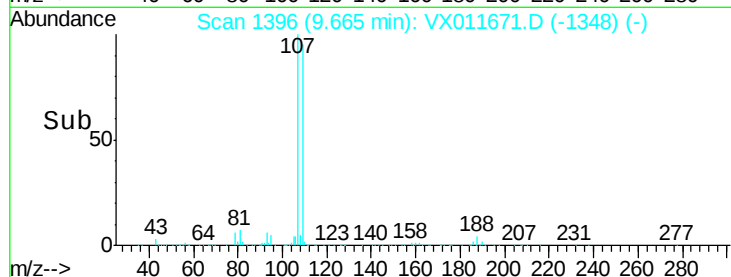
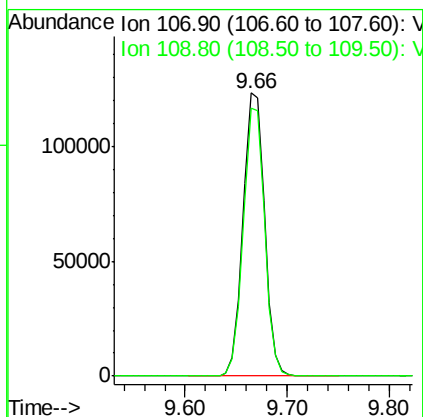
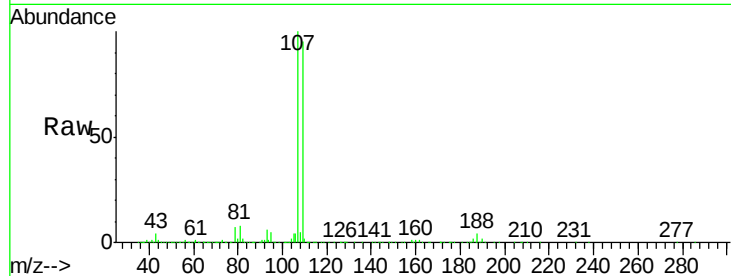
#61
 1,2-Dibromoethane
 Concen: 49.366 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	181055		
109	93.9	76.2	114.2	

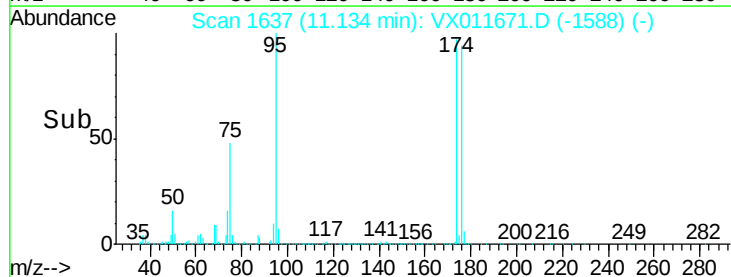
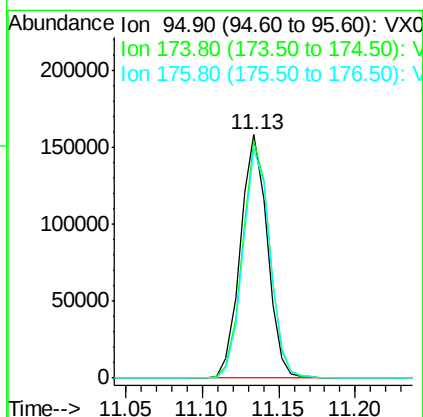
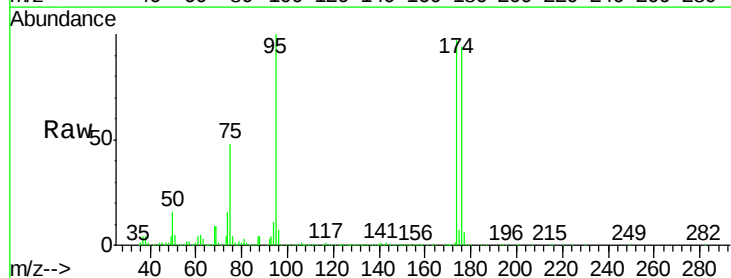
Manual Integrations
 APPROVED

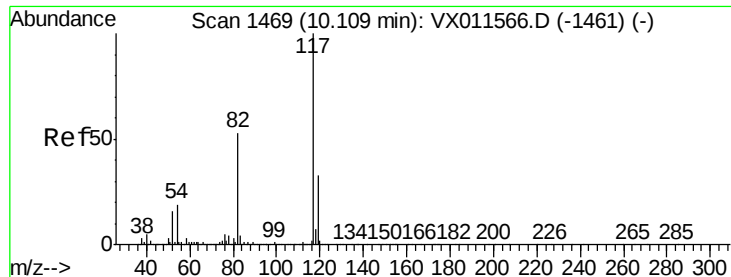
MMDadoda
 8/21/2019 8:33:04 AM



#62
 4-Bromofluorobenzene
 Concen: 46.896 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	192587		
174	98.8	0.0	200.6	
176	95.5	0.0	196.6	





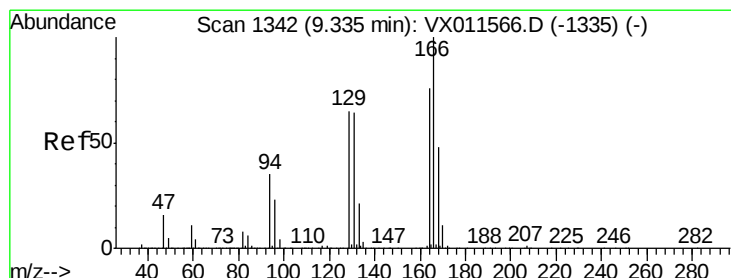
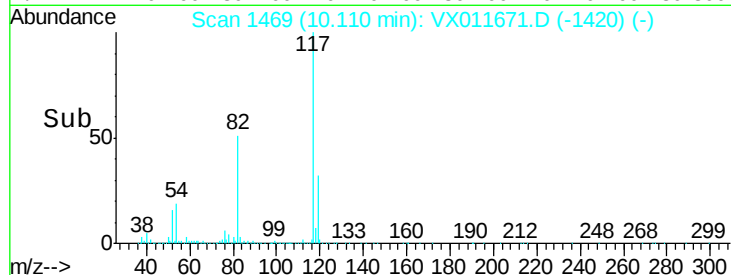
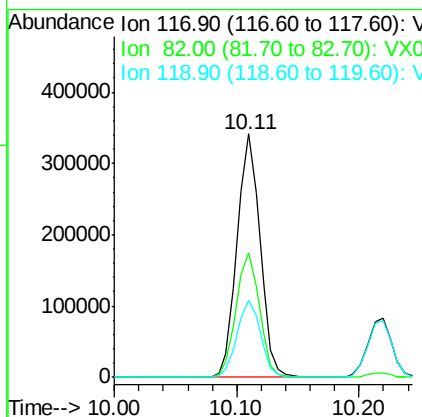
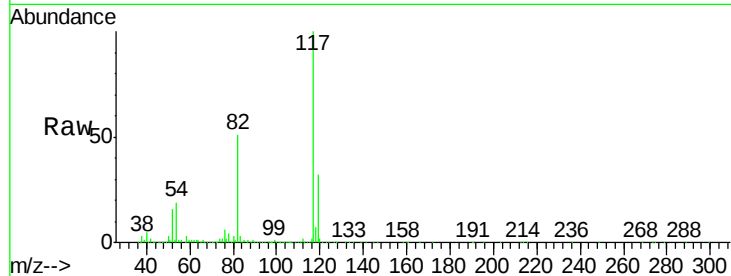
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	443483		
82	51.2	42.0	63.0	
119	31.9	26.5	39.7	

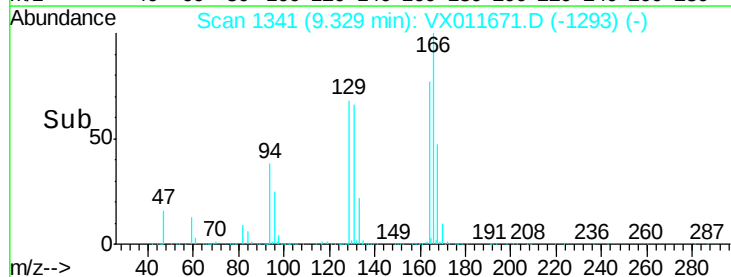
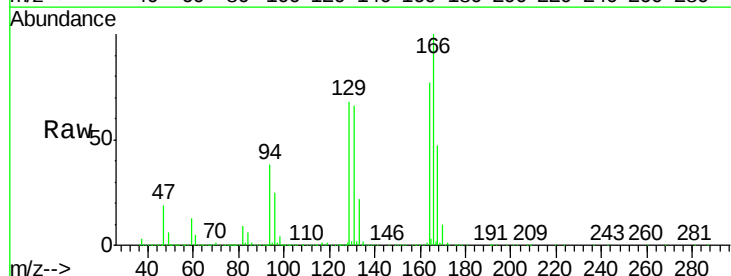
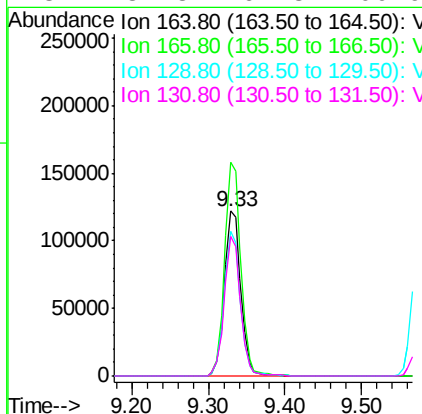
Manual Integrations
APPROVED

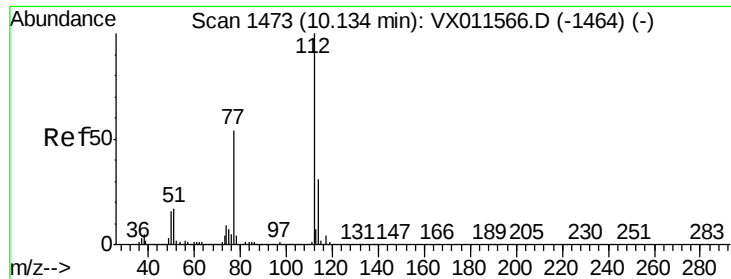
MMDadoda
8/21/2019 8:33:04 AM



#64
Tetrachloroethene
Concen: 49.853 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181400		
166	129.6	104.7	157.1	
129	88.0	68.2	102.4	
131	84.8	67.3	100.9	





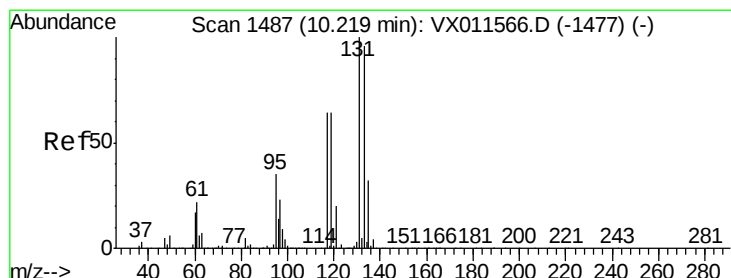
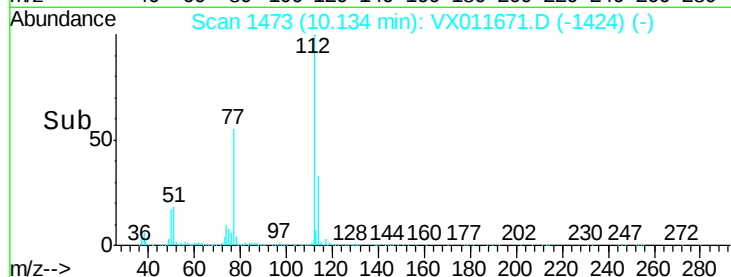
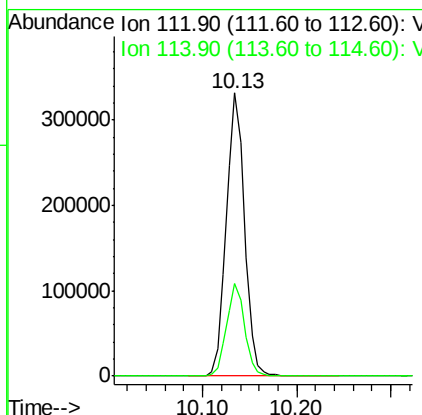
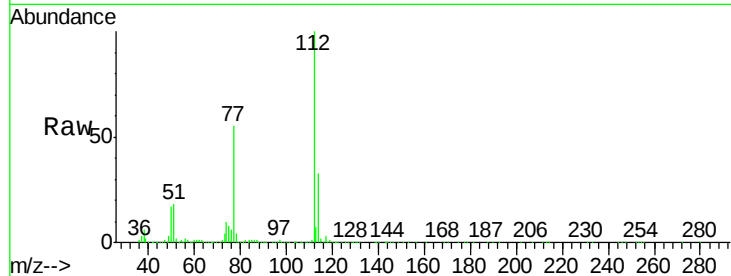
#65
Chlorobenzene
Concen: 47.303 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.0	37.6

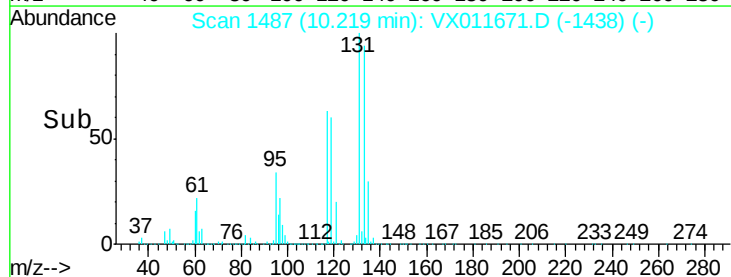
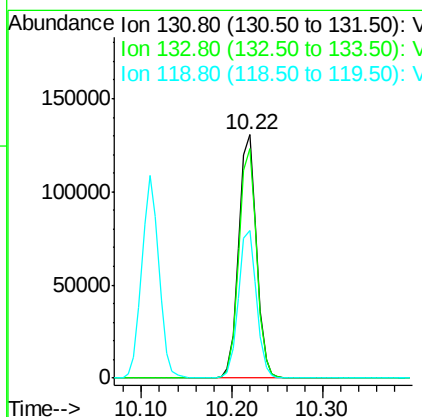
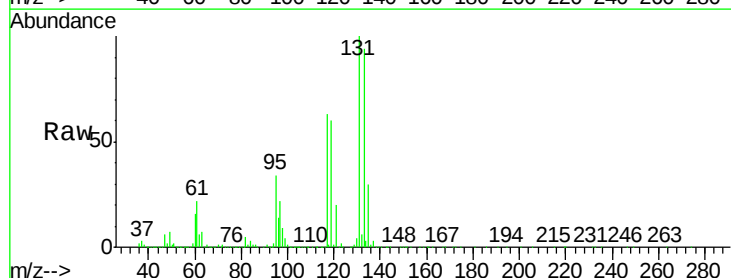
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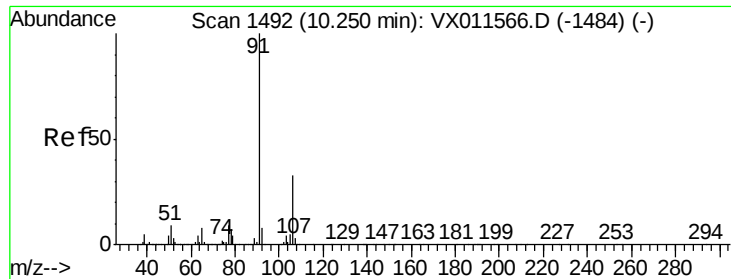
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.206 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	48.1	144.4
119	61.7	31.3	93.8





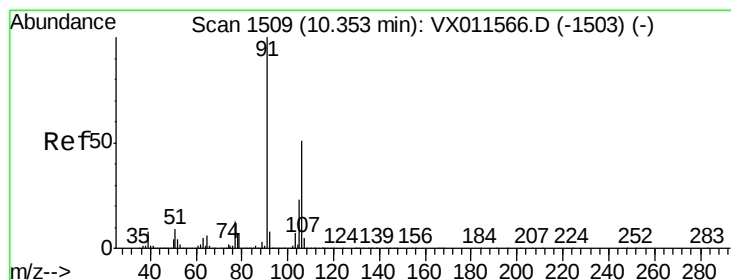
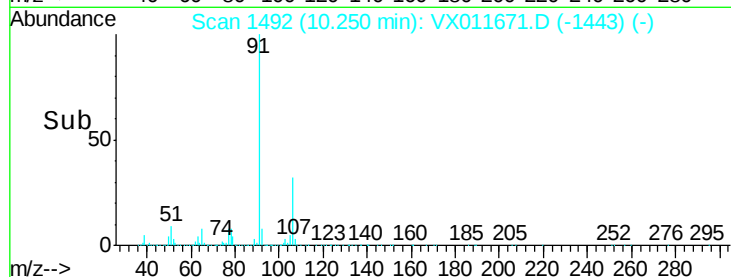
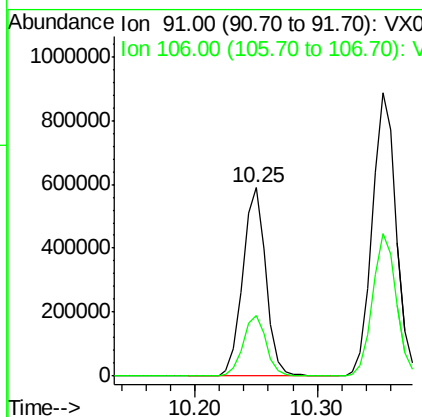
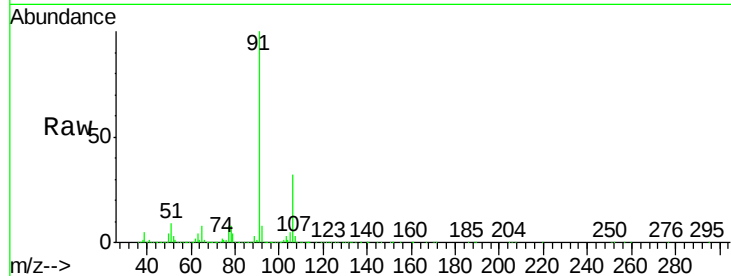
#67
Ethyl Benzene
Concen: 48.745 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	26.0	39.0

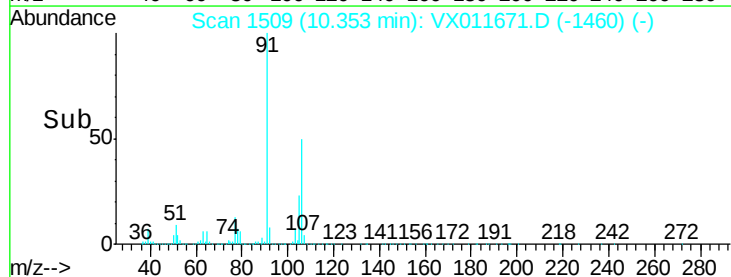
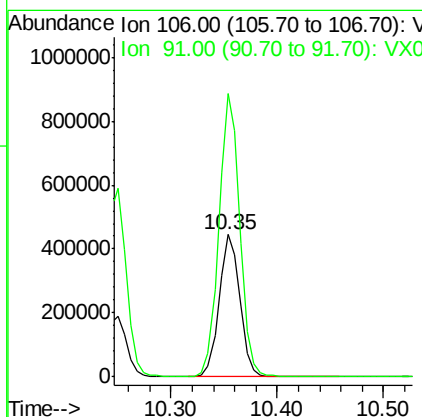
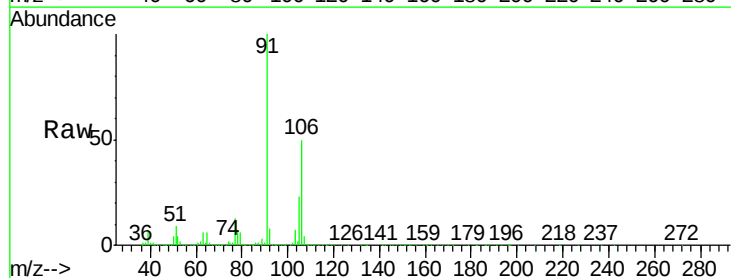
Manual Integrations
APPROVED

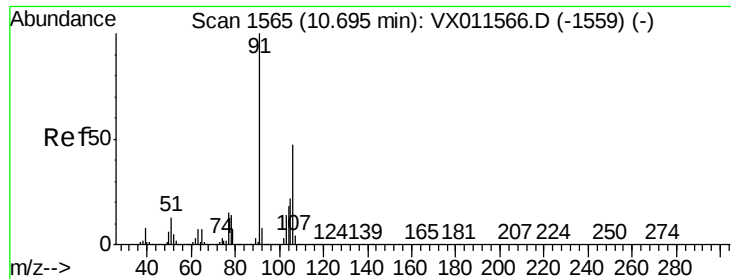
MMDadoda
8/21/2019 8:33:04 AM



#68
m/p-Xylenes
Concen: 99.614 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.9	156.0	234.0





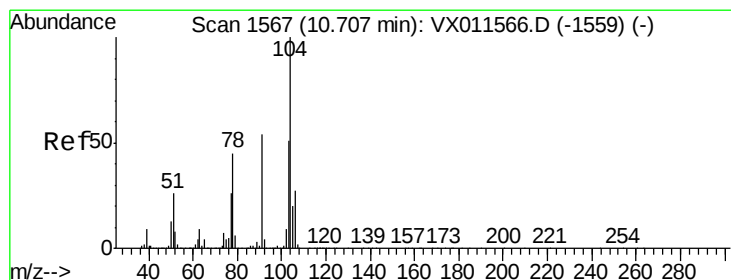
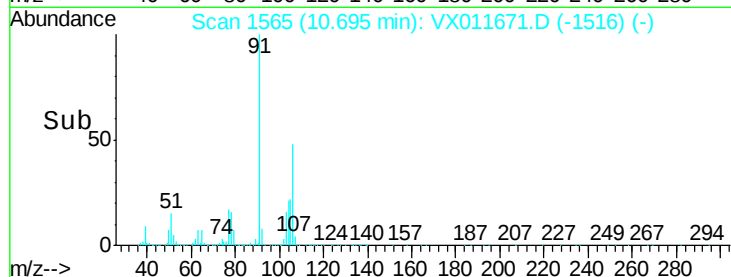
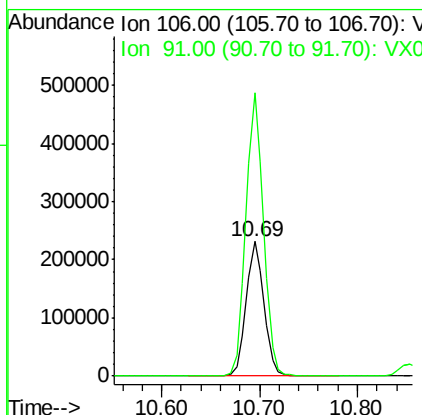
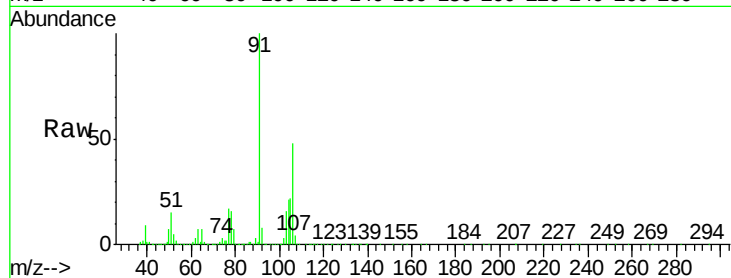
#69
o-Xylene
Concen: 49.247 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.9	105.5	316.4

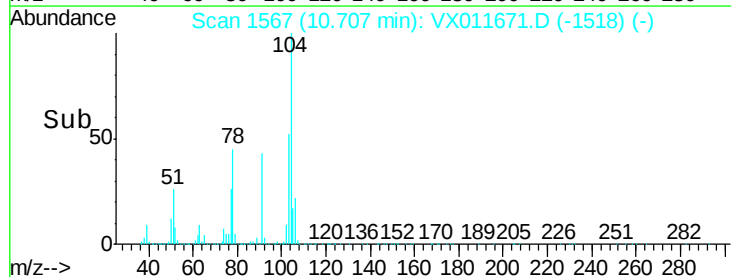
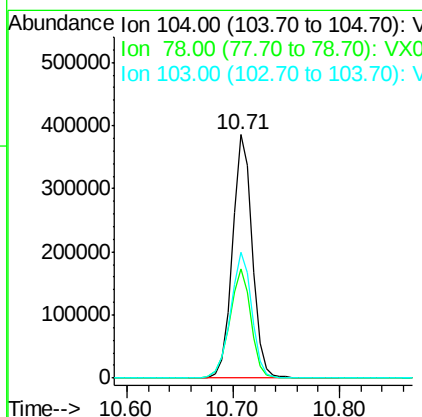
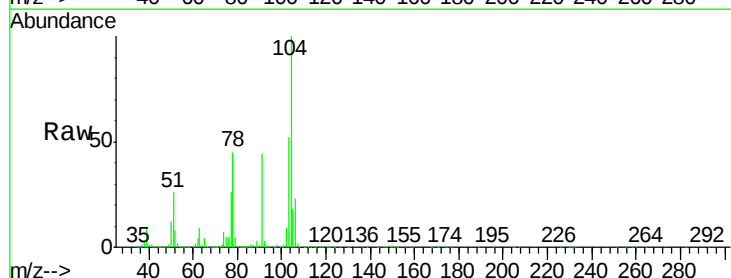
Manual Integrations
APPROVED

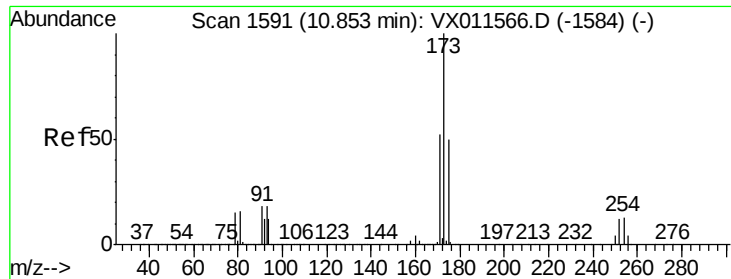
MMDadoda
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#70
Styrene
Concen: 50.340 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.2	57.4
103	55.5	43.6	65.4





#71

Bromoform

Concen: 44.295 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

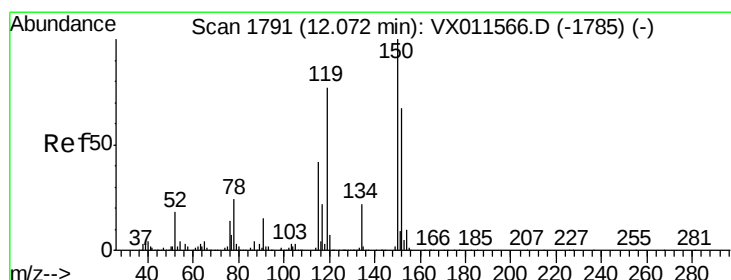
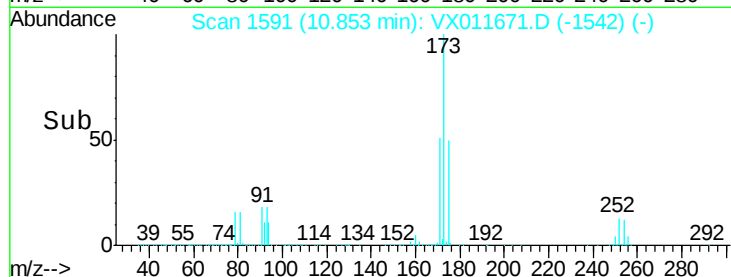
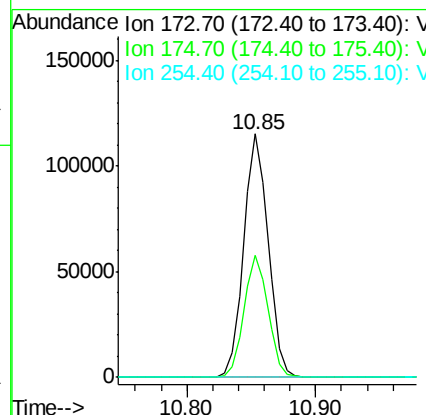
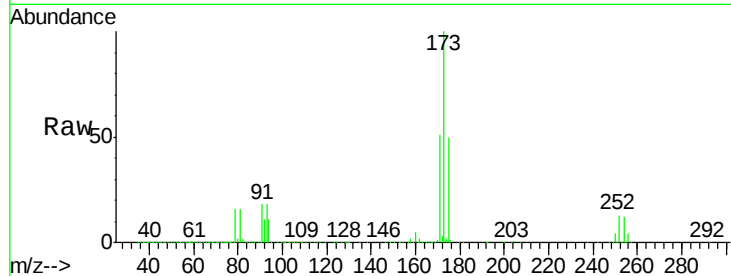
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.7
254	0.2	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

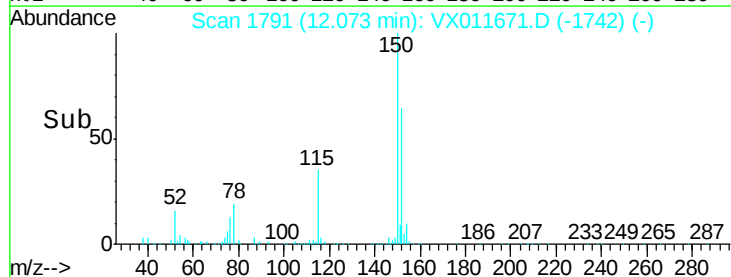
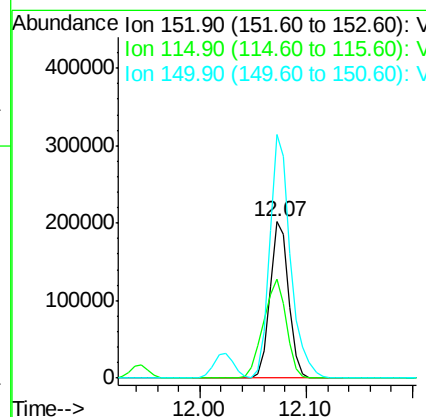
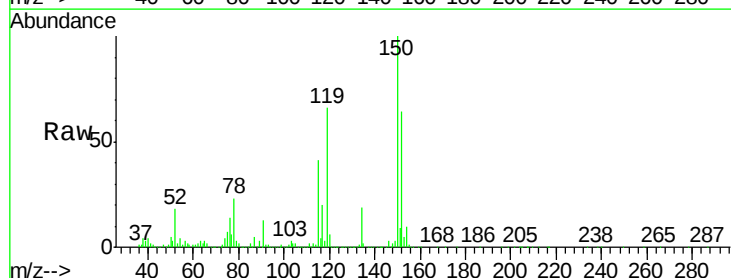
RT: 12.07 min Scan# 1791

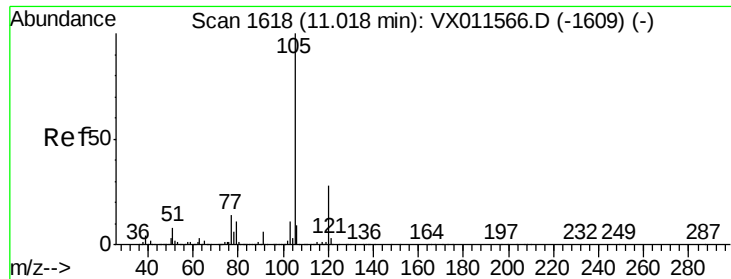
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	37.3	111.9
150	173.2	0.0	346.2





#73

Isopropylbenzene

Concen: 49.756 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 797128

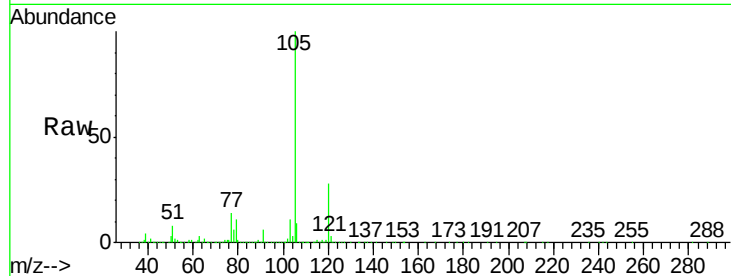
Ion Ratio Lower Upper

105 100

120 27.7 14.0 41.9

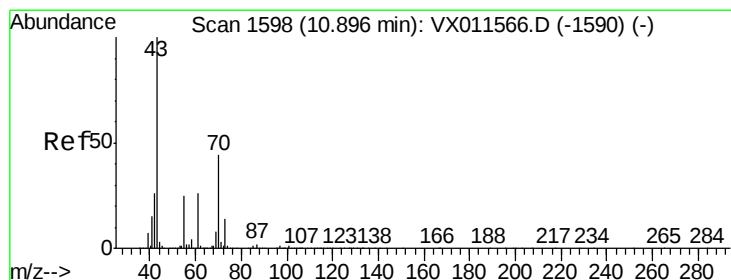
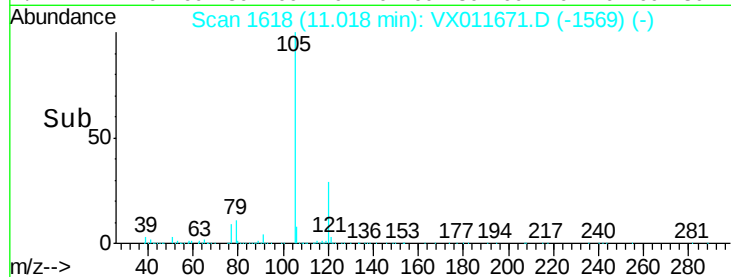
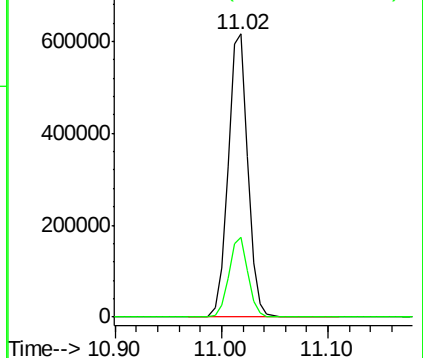
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.283 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion: 43 Resp: 315107

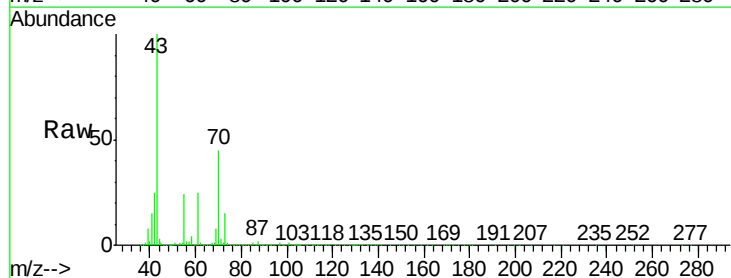
Ion Ratio Lower Upper

43 100

70 43.3 34.7 52.1

55 25.0 19.6 29.4

61 24.4 19.9 29.9

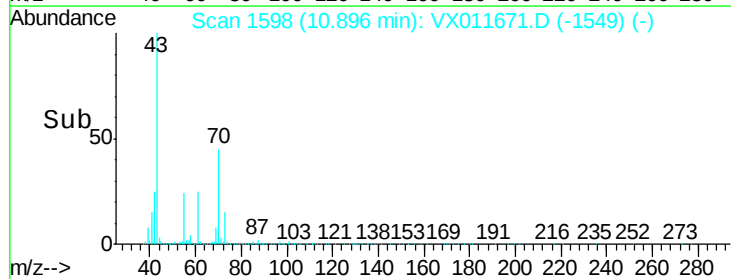
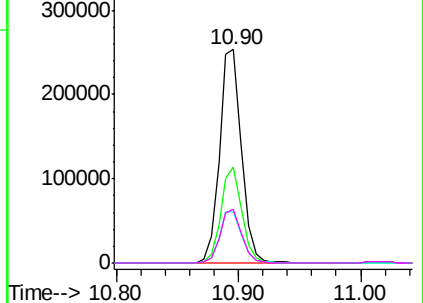


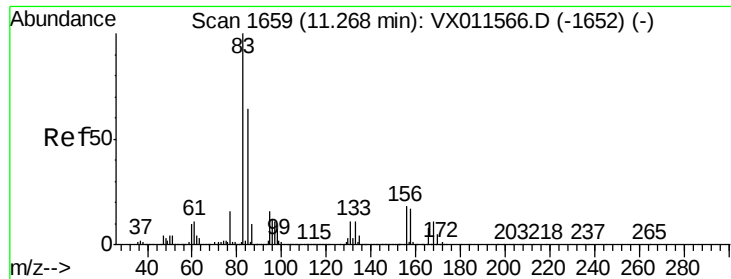
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.123 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

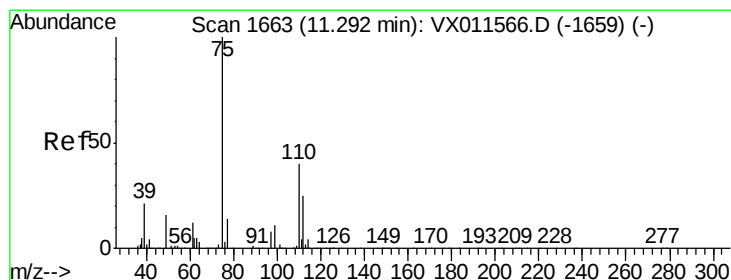
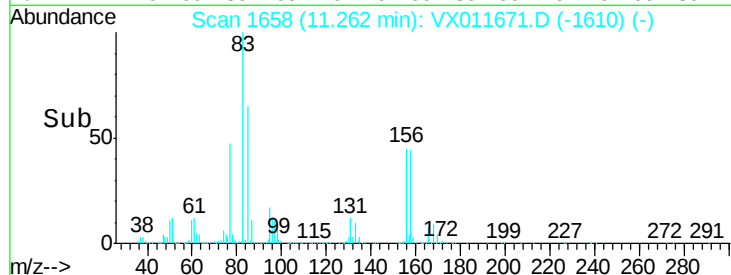
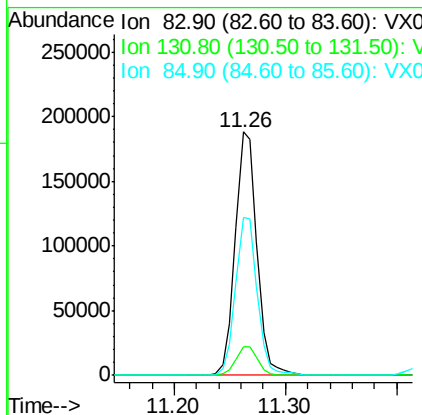
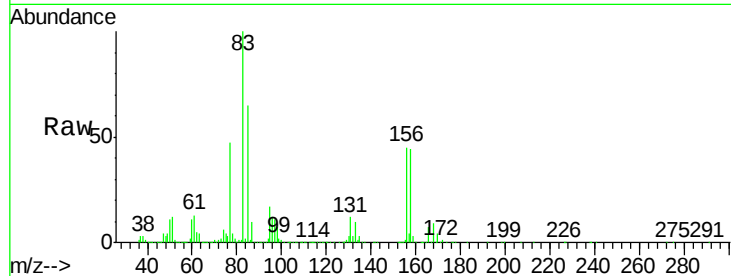
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	254191
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.3
85	64.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.082 ug/l m

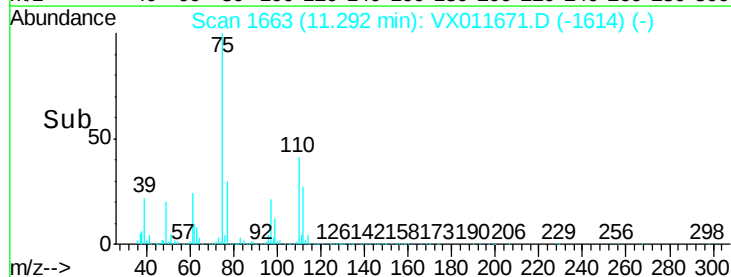
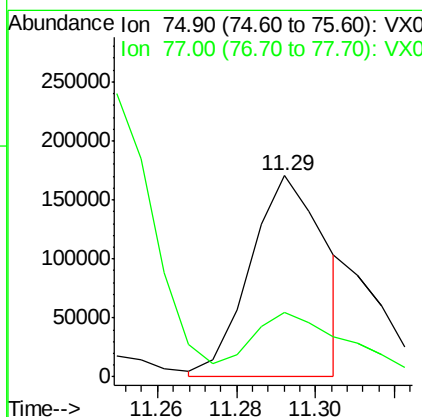
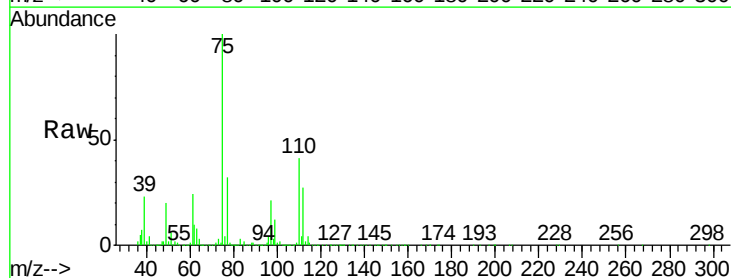
RT: 11.29 min Scan# 1663

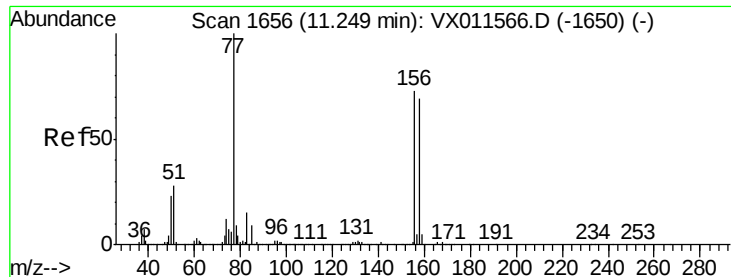
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	75	Resp:	225107
Ion Ratio	Lower	Upper	
75	100		
77	41.4	20.9	62.8





#77

Bromobenzene

Concen: 47.282 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

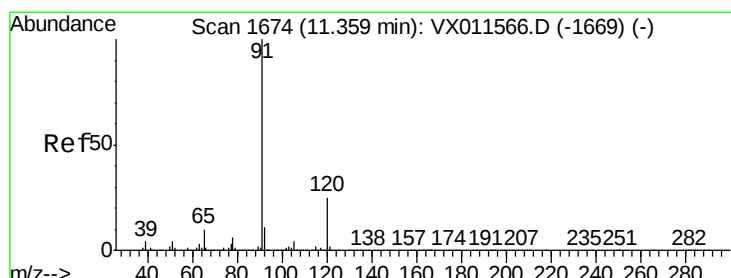
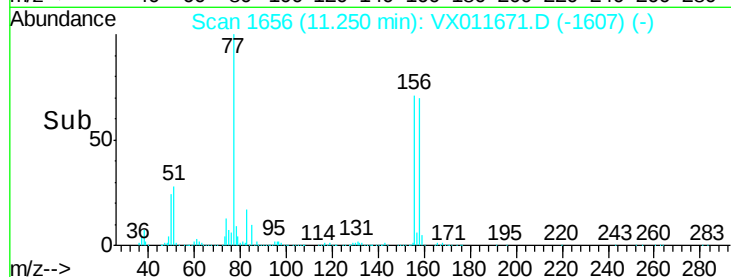
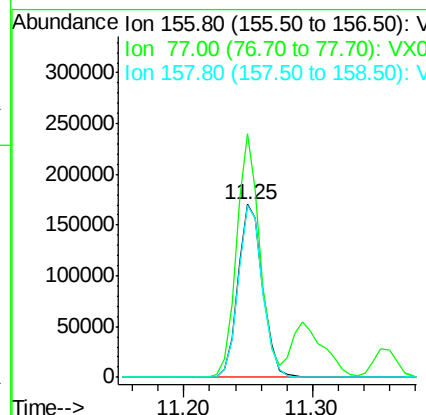
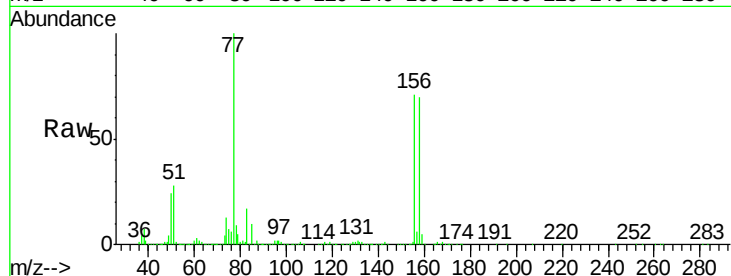
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	225367
Ion Ratio	Lower	Upper	
156	100		
77	133.2	64.6	193.9
158	98.3	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.223 ug/l

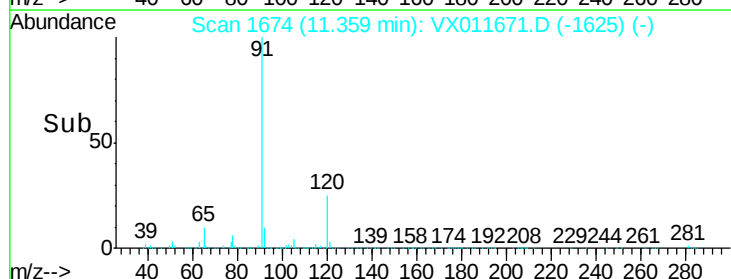
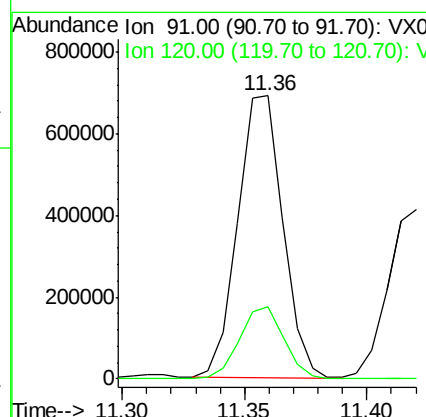
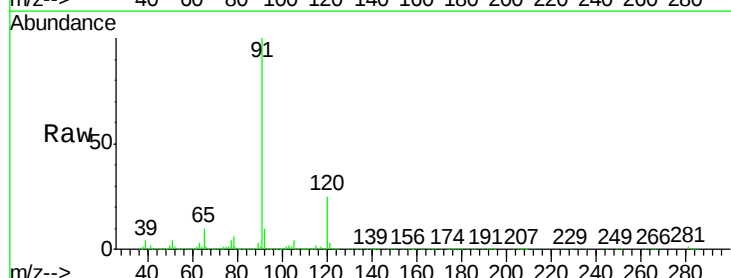
RT: 11.36 min Scan# 1674

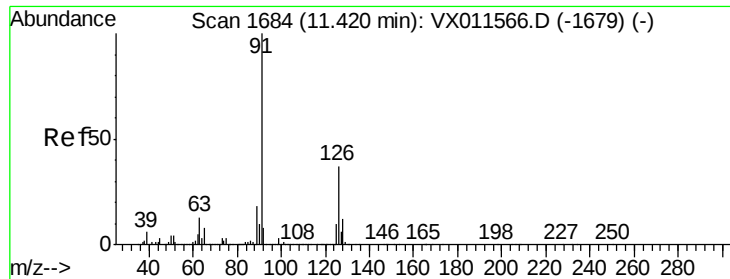
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	91	Resp:	884890
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.6	37.6





#79

2-Chlorotoluene

Concen: 49.459 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 524651

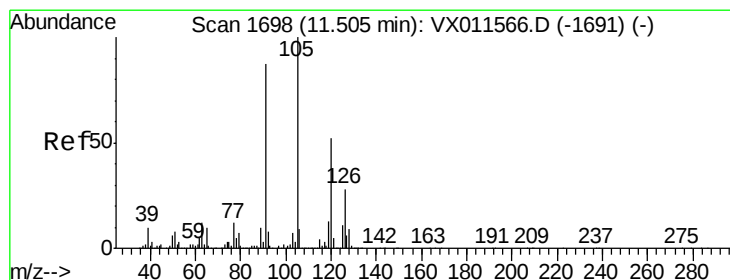
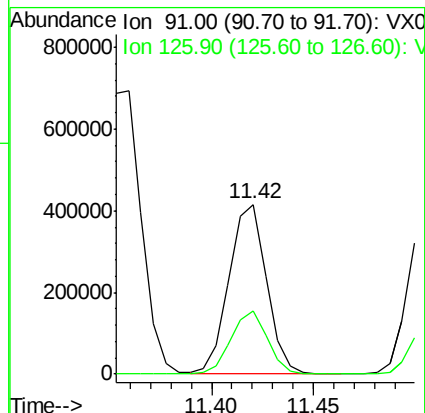
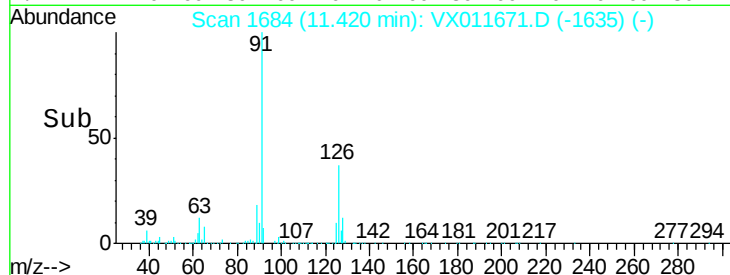
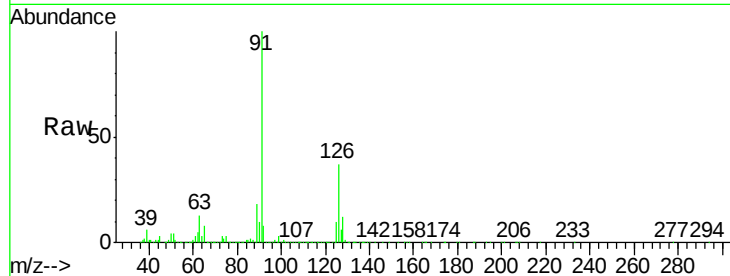
Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 51.084 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011671.D

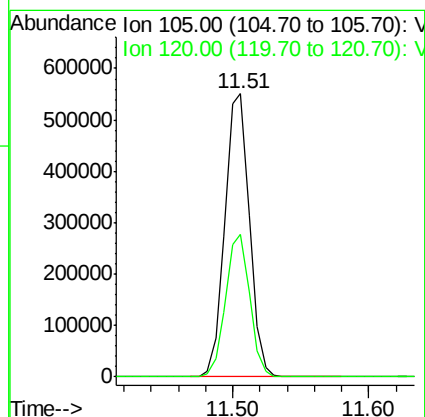
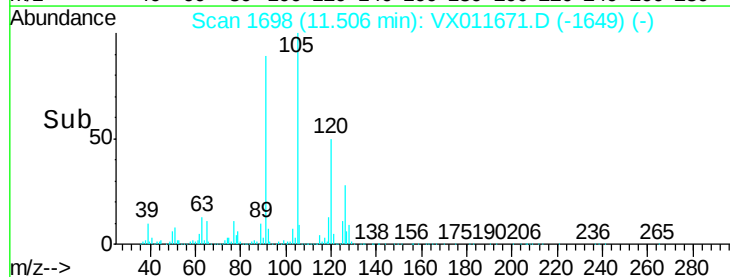
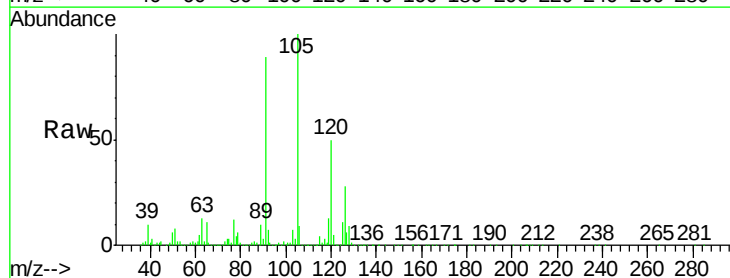
Acq: 20 Aug 2019 09:35

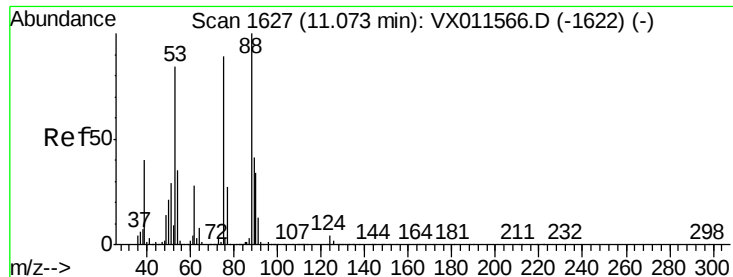
Tgt Ion: 105 Resp: 687494

Ion Ratio Lower Upper

105 100

120 49.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.017 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

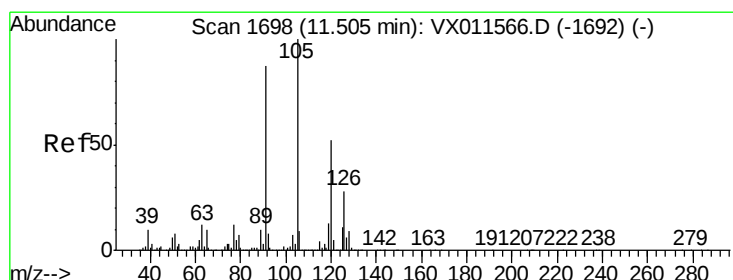
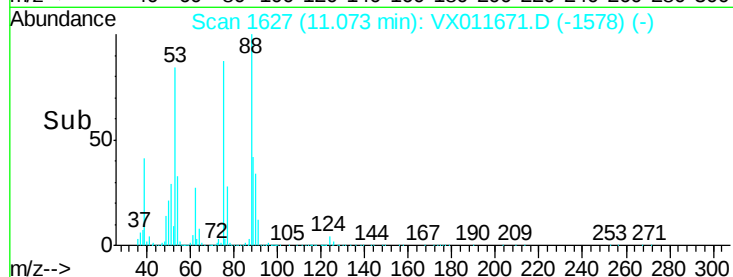
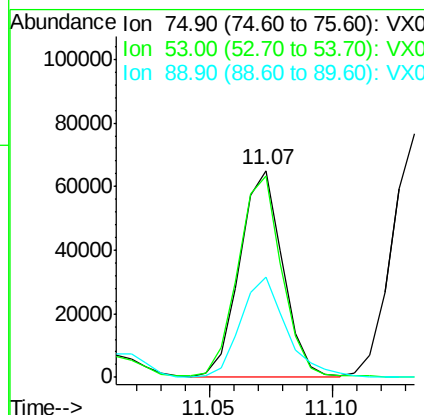
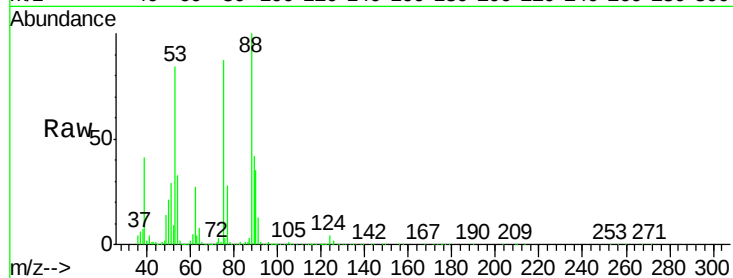
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	78851
Ion	Ratio	Lower	Upper
75	100		
53	99.7	77.4	116.0
89	52.3	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.456 ug/l

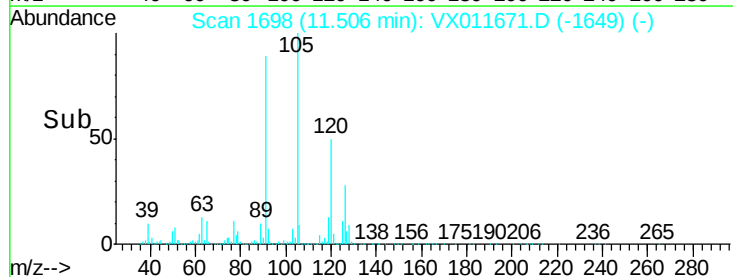
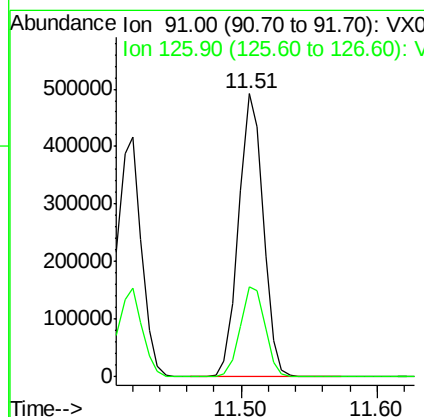
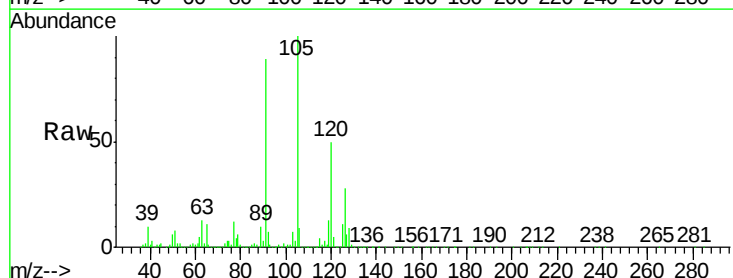
RT: 11.51 min Scan# 1698

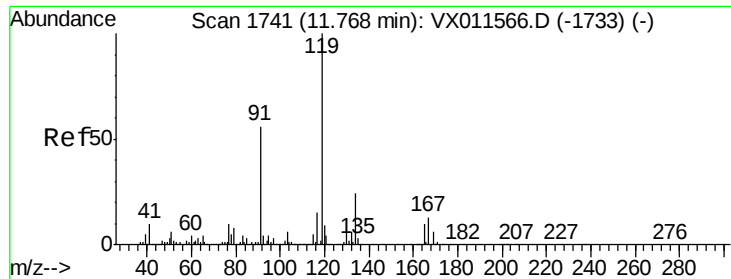
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	91	Resp:	620951
Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.1





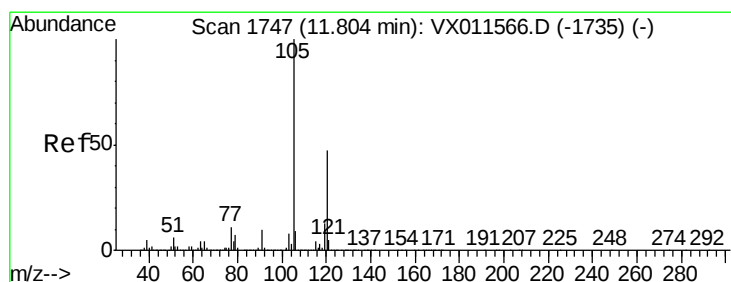
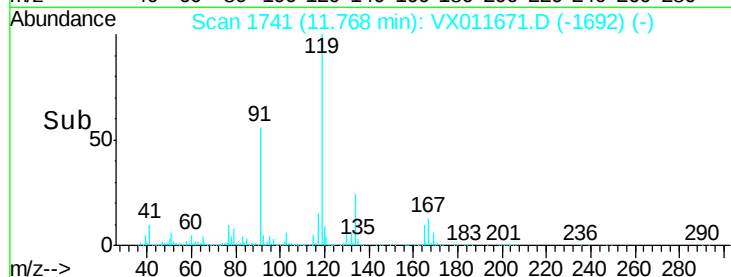
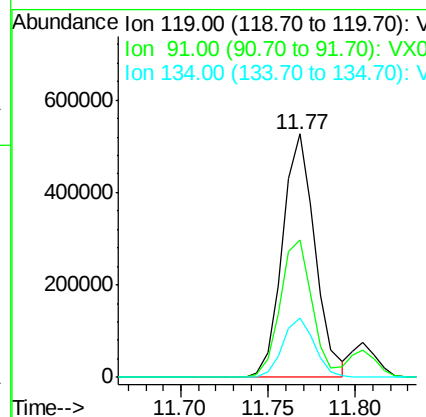
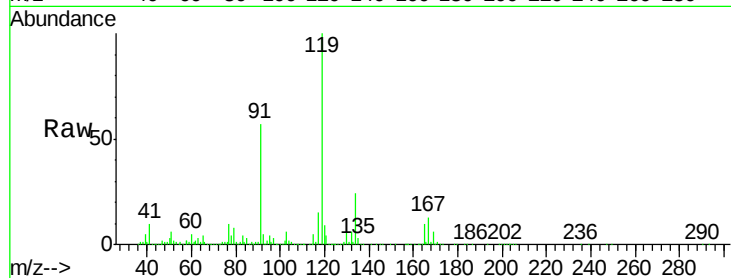
#83
tert-Butylbenzene
Concen: 49.831 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	683026		
91	54.7		27.1	81.3
134	23.7		11.8	35.3

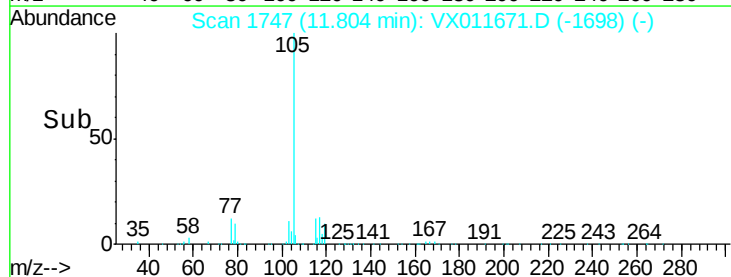
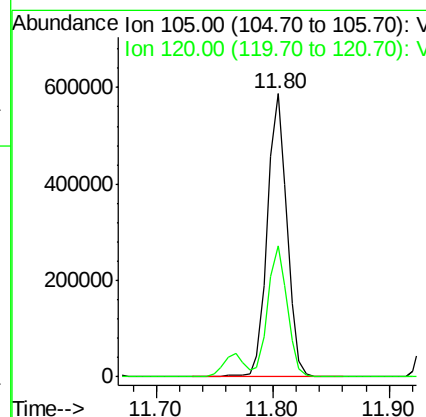
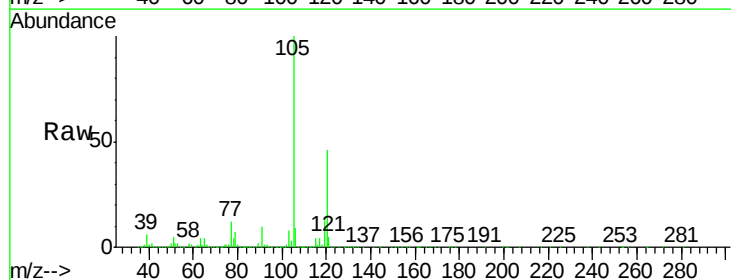
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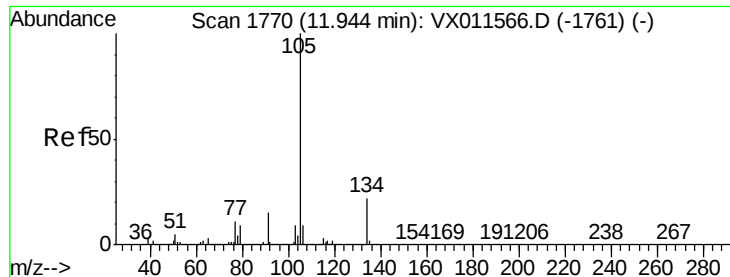
MMDadoda
8/21/2019 8:33:04 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.117 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	690634		
120	46.0		23.3	69.9





#85

sec-Butylbenzene

Concen: 50.911 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 787314

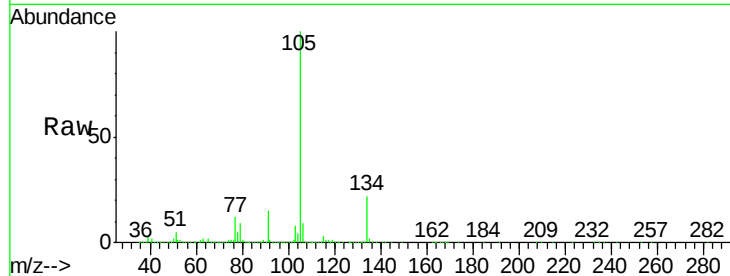
Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

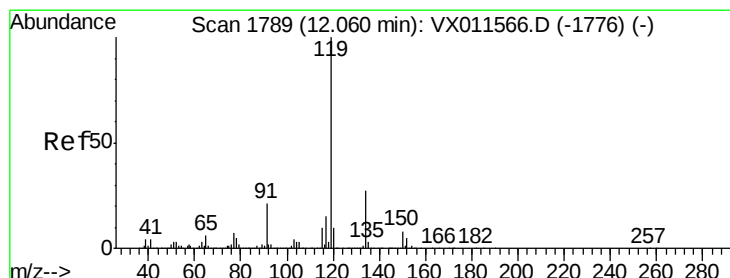
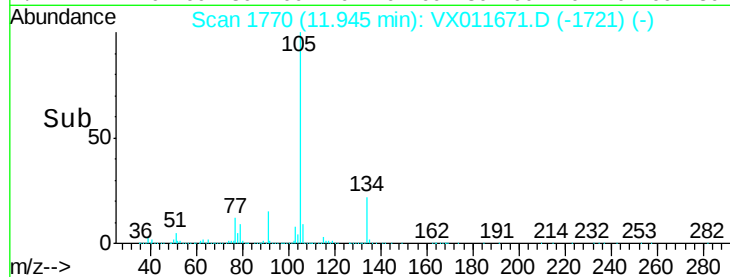
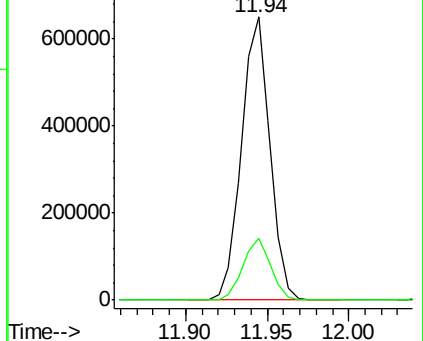
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.613 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

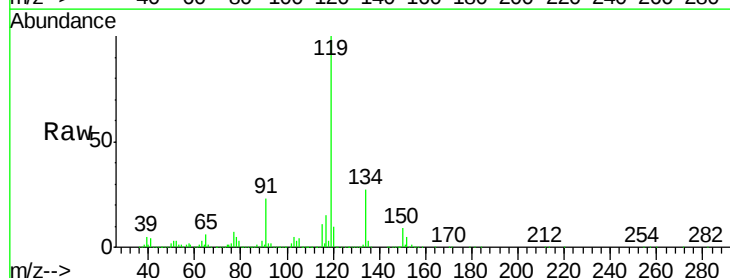
Tgt Ion:119 Resp: 765446

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

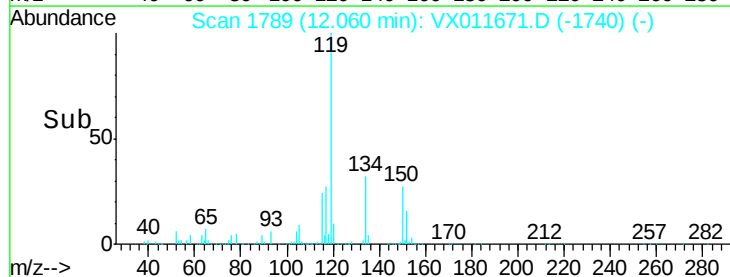
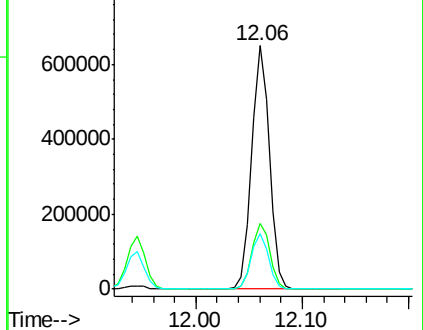
91 22.5 10.9 32.9

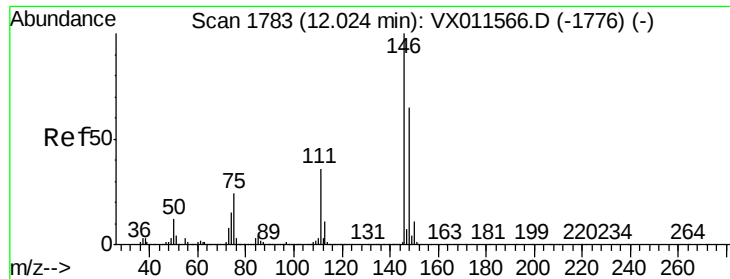


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





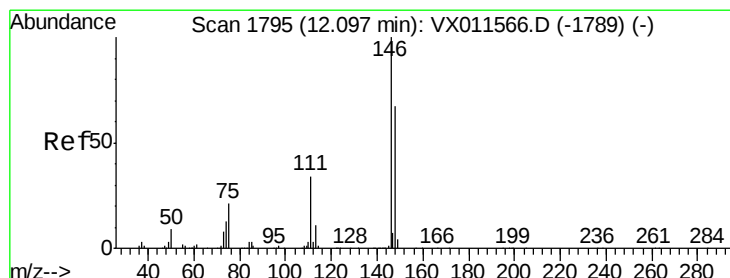
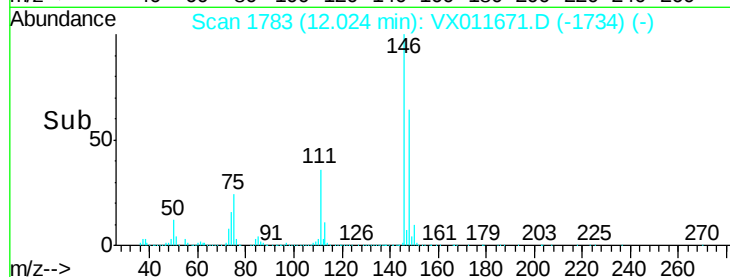
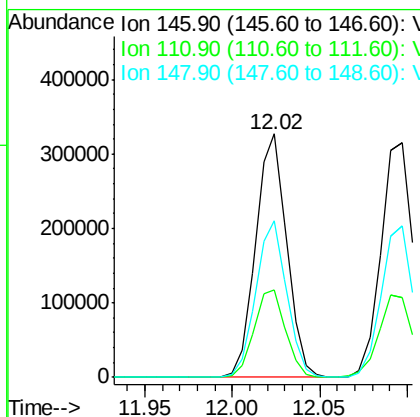
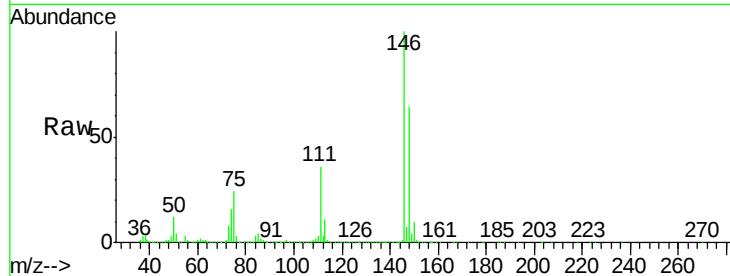
#87
 1,3-Dichlorobenzene
 Concen: 49.313 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	404016		
111	36.6	18.1	54.4	
148	63.6	32.0	96.0	

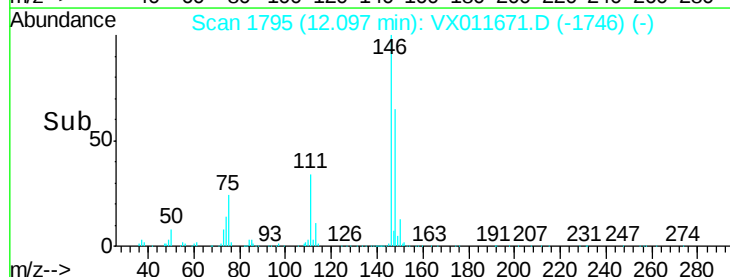
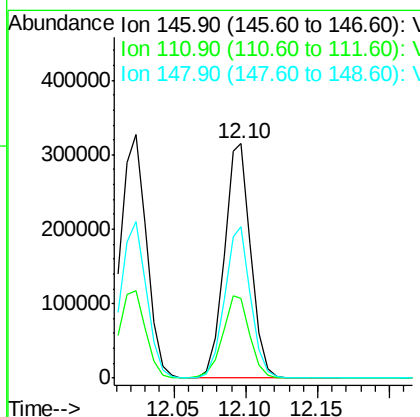
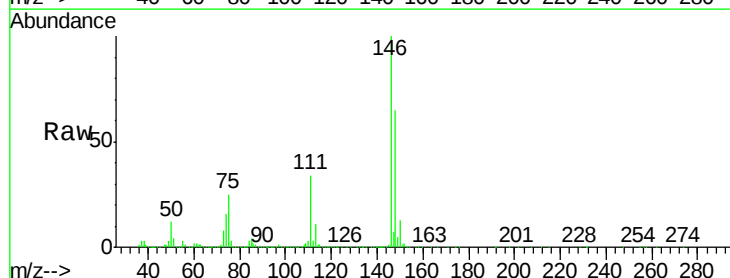
Manual Integrations
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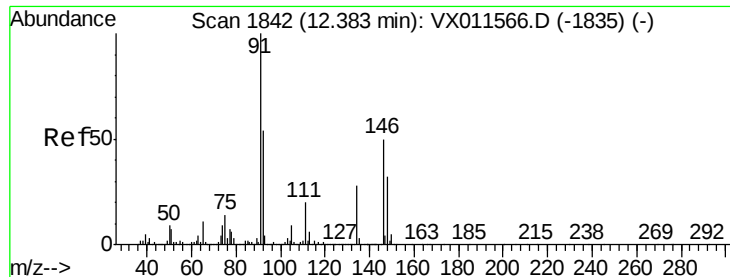
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.638 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	403876		
111	36.0	17.9	53.7	
148	63.9	32.5	97.5	





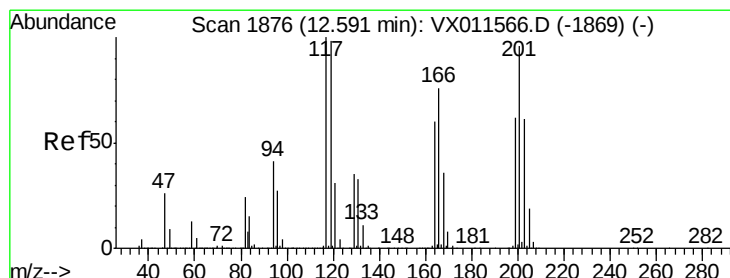
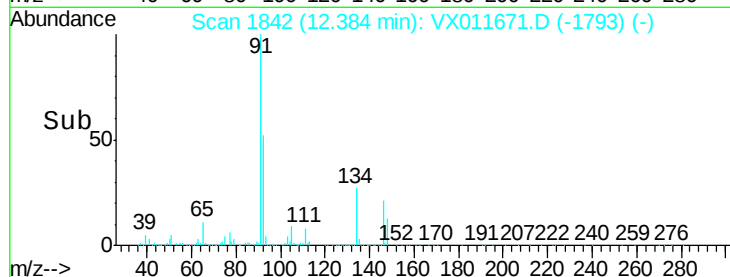
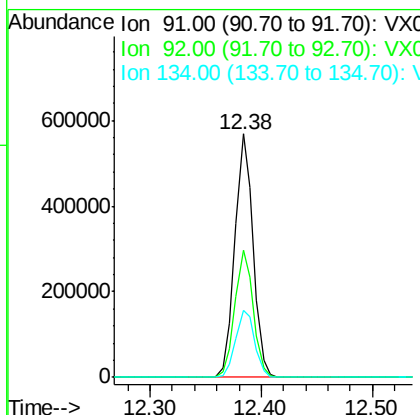
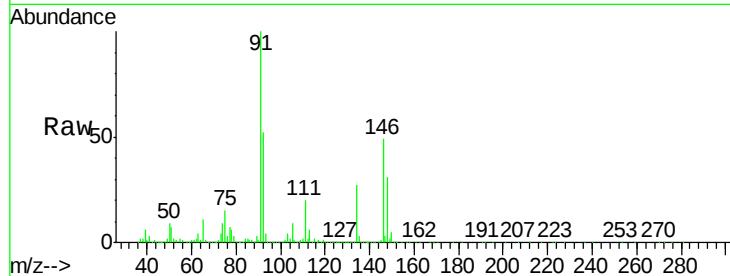
#89
n-Butylbenzene
Concen: 53.620 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	28.6	14.6	44.0

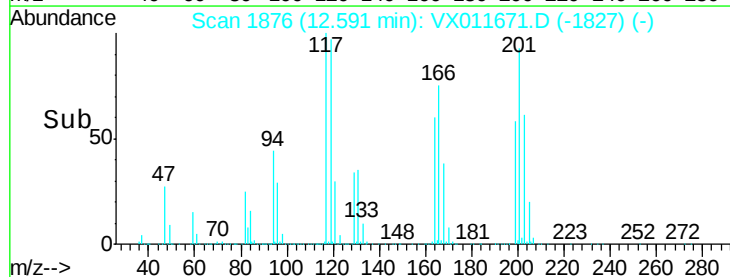
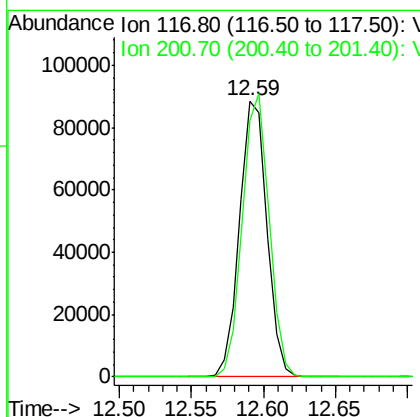
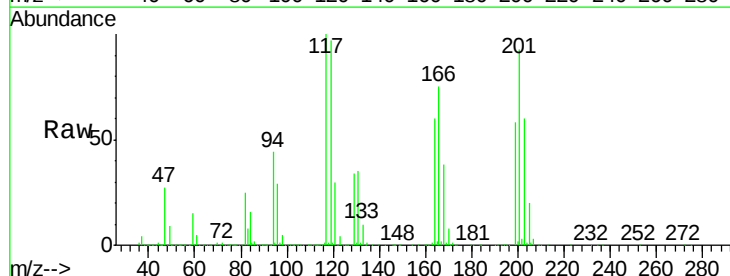
Manual Integrations
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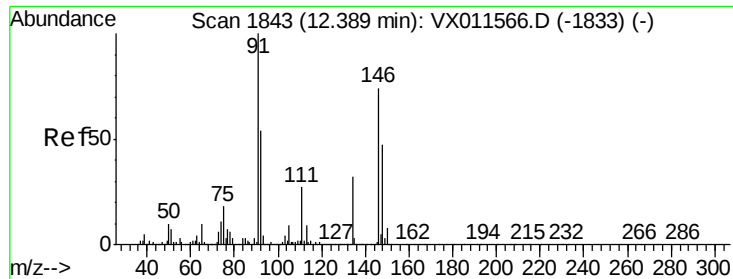
MMDadoda
8/21/2019 8:33:04 AM



#90
Hexachloroethane
Concen: 50.916 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.9	51.9	155.7





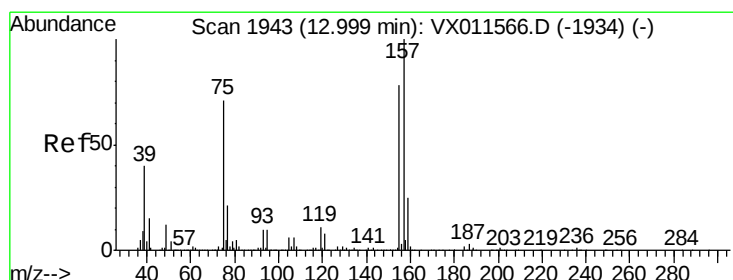
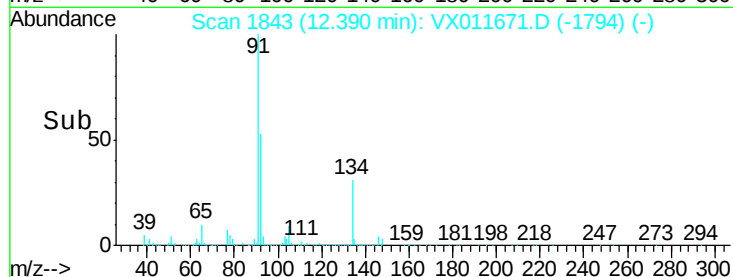
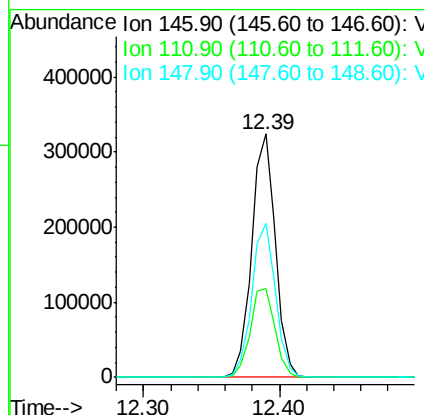
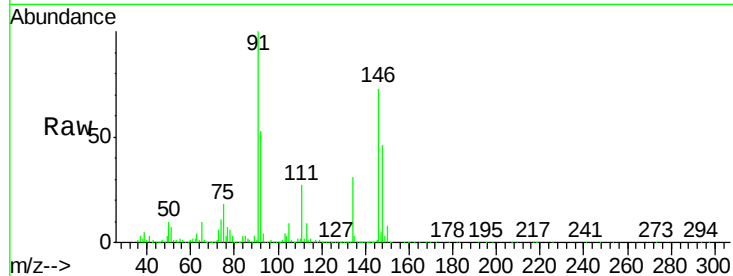
#91
 1,2-Dichlorobenzene
 Concen: 48.130 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	395837		
111	38.2	18.9	56.7	
148	63.3	31.9	95.9	

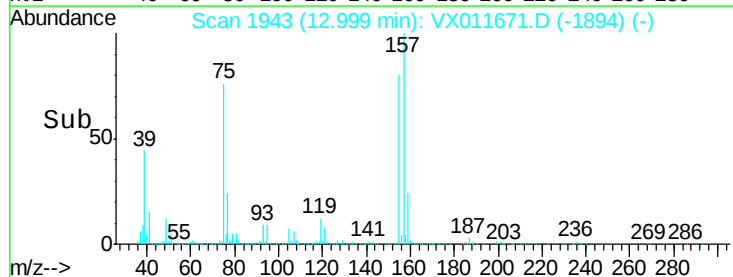
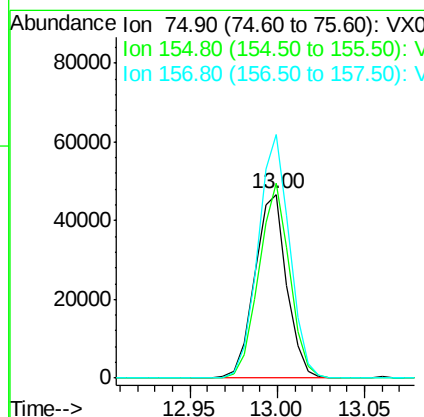
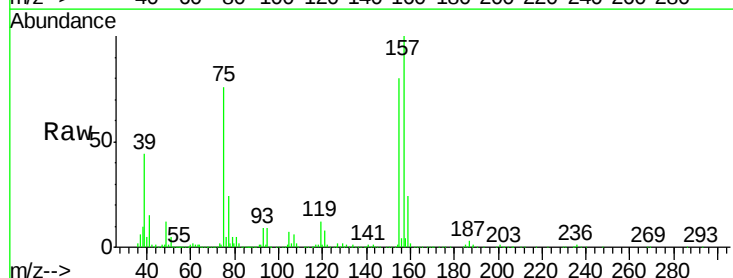
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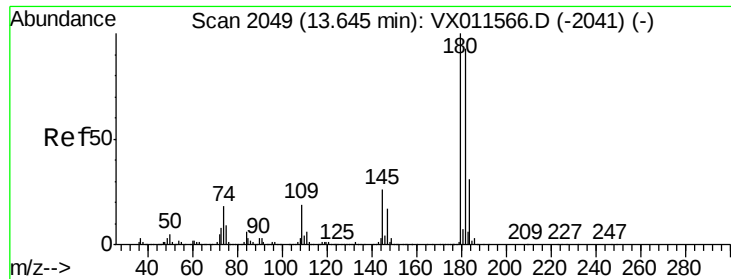
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.706 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58890		
155	102.4	53.0	159.0	
157	131.2	68.3	205.1	





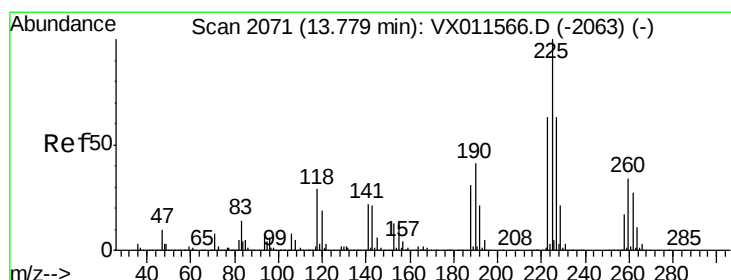
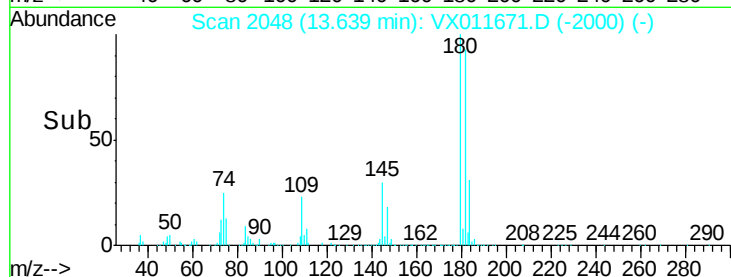
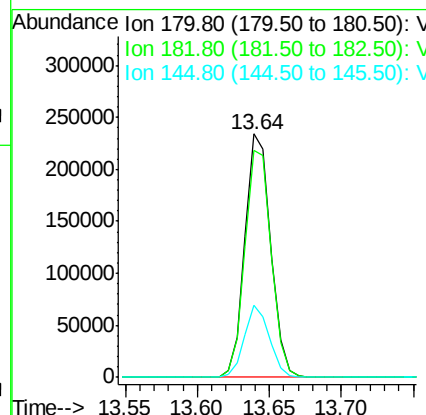
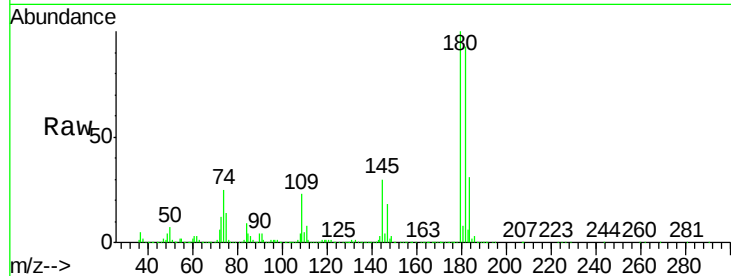
#93
 1,2,4-Trichlorobenzene
 Concen: 47.365 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	290247		
182	95.5	47.3	142.0	
145	28.7	13.6	40.8	

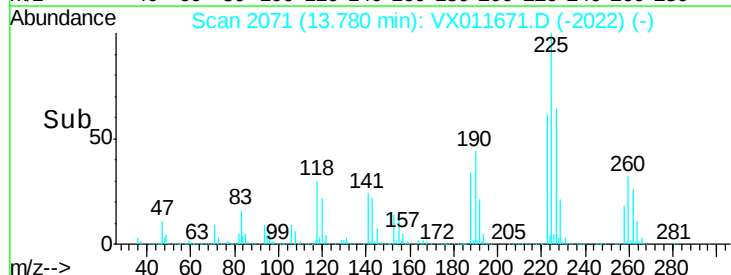
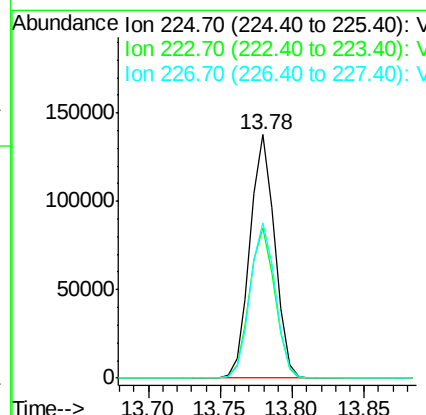
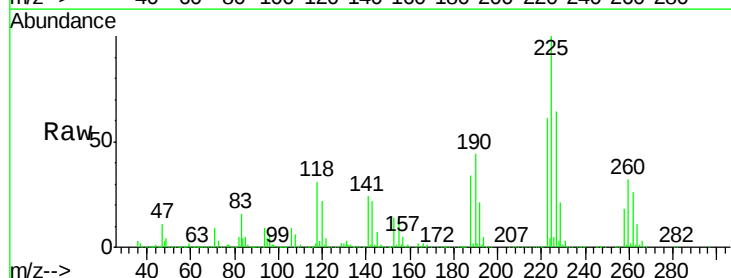
Manual Integrations
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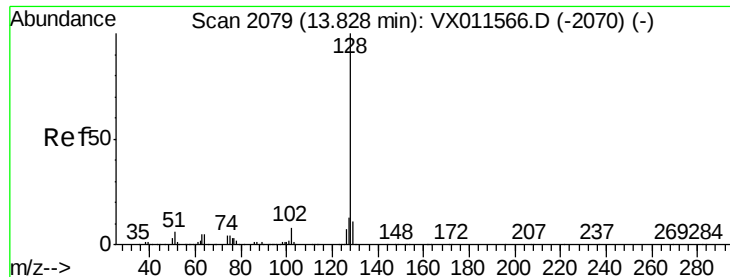
MMDadoda
 8/21/2019 8:33:04 AM



#94
 Hexachlorobutadiene
 Concen: 48.713 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162542		
223	63.0	31.4	94.0	
227	64.9	31.2	93.6	





#95

Naphthalene

Concen: 49.143 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

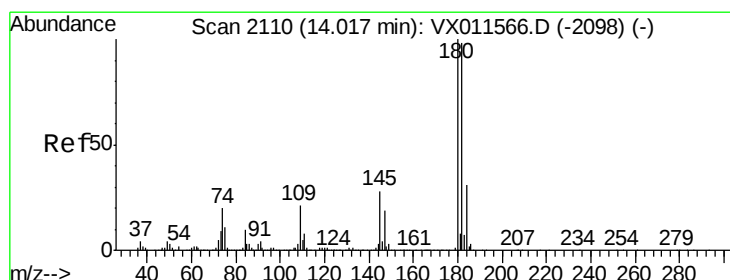
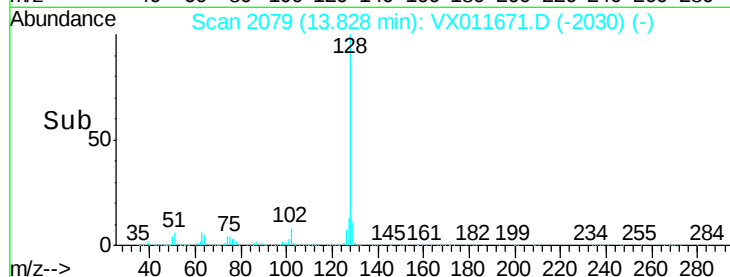
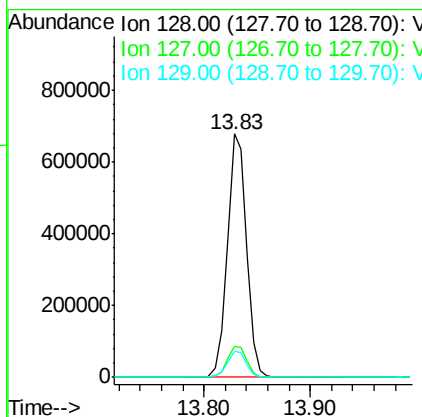
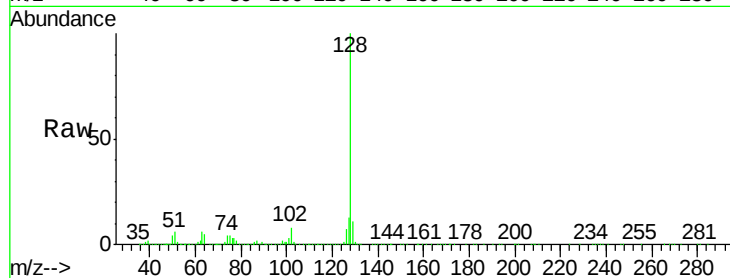
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	851348
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
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8/21/2019 8:33:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.172 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	180	Resp:	310102
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.0	144.0
145	29.5	14.6	43.8

