

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015730.D
 Acq On : 17 Apr 2020 11:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:57:00 AM

Quant Time: Apr 20 01:28:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	174312	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	992136	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	908694	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	397355	29.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.23%
60) 4-Bromofluorobenzene	11.12	95	463578	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	8.70	98	1146096	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	142040	17.063	ug/l 99
3) Chloromethane	1.31	50	184008	17.911	ug/l 98
4) Vinyl Chloride	1.39	62	186632	18.884	ug/l 100
5) Bromomethane	1.63	94	145393	27.634	ug/l 95
6) Chloroethane	1.72	64	122396	19.850	ug/l 100
7) Trichlorofluoromethane	1.92	101	260245	18.426	ug/l 99
8) Diethyl Ether	2.17	74	108756	20.014	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	177777	19.025	ug/l 99
10) 1,1-Dichloroethene	2.36	96	176372	18.582	ug/l 96
11) Methyl Iodide	2.49	142	143755	11.397	ug/l 95
12) Methyl Acetate	2.75	43	254604	18.332	ug/l 94
13) Acrolein	2.27	56	234708	129.907	ug/l 95
14) Acrylonitrile	3.11	53	555317	93.395	ug/l 100
15) Acetone	2.42	58	148813	98.426	ug/l 94
16) Carbon Disulfide	2.55	76	481351	17.348	ug/l 100
17) Allyl chloride	2.70	41	371766	17.349	ug/l 98
18) Methylene Chloride	2.83	84	202603	19.013	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	196477	19.136	ug/l 99
20) Diisopropyl ether	3.82	45	719553	18.722	ug/l 93
21) 1,1-Dichloroethane	3.67	63	366288	18.670	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	227225	19.210	ug/l 97
23) tert-Butyl Alcohol	3.00	59	242585	82.945	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	652046	18.503	ug/l 98
25) Chloroform	5.18	83	363863	18.763	ug/l 99
26) Cyclohexane	5.55	56	339352	18.104	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	279380	18.743	ug/l 100
30) 2-Butanone	4.63	43	805682	90.166	ug/l 99
31) 2,2-Dichloropropane	4.55	77	327065	18.234	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	332744	18.296	ug/l 99
33) Carbon Tetrachloride	5.75	117	290150	17.507	ug/l 98
34) Benzene	6.11	78	820118	19.090	ug/l 98
35) Methacrylonitrile	5.01	41	180317	17.795	ug/l 97
36) 1,2-Dichloroethane	6.17	62	317755	19.141	ug/l 97
37) Trichloroethene	7.19	130	228177	18.863	ug/l 98
38) Methylcyclohexane	7.44	83	342381	18.737	ug/l 98
39) 1,2-Dichloropropane	7.49	63	214255	18.568	ug/l 94
40) Dibromomethane	7.64	93	140193	18.253	ug/l 96

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	288669	17.294	ug/l	99
42) Vinyl Acetate	3.78	43	3168145	93.574	ug/l	100
43) Ethyl Acetate	4.79	43	315779	16.246	ug/l	98
44) Isopropyl Acetate	6.41	43	537485	17.183	ug/l	99
45) 1,4-Dioxane	7.72	88	102531	355.807	ug/l	97
46) Methyl methacrylate	7.75	41	261237	16.736	ug/l	98
47) n-amyl Acetate	10.88	43	453633	16.819	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	327899	17.016	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	352662	17.731	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	203830	18.492	ug/l	97
51) Ethyl methacrylate	9.16	69	329522	17.383	ug/l	98
52) 1,3-Dichloropropane	9.36	76	355782	18.688	ug/l	98
53) Dibromochloromethane	9.56	129	229093	16.861	ug/l	99
54) 1,2-Dibromoethane	9.65	107	215409	18.213	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	832109	92.938	ug/l	100
56) Bromoform	10.84	173	180007	16.112	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	1576157	90.629	ug/l	99
59) 2-Hexanone	9.47	43	1173168	88.671	ug/l	98
61) Tetrachloroethene	9.32	164	227542	19.481	ug/l	94
62) Toluene	8.76	91	881794	19.159	ug/l	99
64) Chlorobenzene	10.12	112	577183	19.505	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	207444	17.155	ug/l	99
66) Ethyl Benzene	10.24	91	995685	18.936	ug/l	98
67) m/p-Xylenes	10.34	106	760941	38.236	ug/l	97
68) o-Xylene	10.68	106	366080	18.819	ug/l	99
69) Styrene	10.70	104	637726	18.817	ug/l	99
70) Isopropylbenzene	11.00	105	985106	19.103	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	303354	18.150	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	281311m	17.988	ug/l	
73) Bromobenzene	11.24	156	269062	19.437	ug/l	94
74) n-propylbenzene	11.34	91	1135513	19.198	ug/l	98
75) 2-Chlorotoluene	11.40	91	682743	18.979	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	844542	19.071	ug/l	97
77) t-1,4-Dichloro-2-butene	11.06	75	100424	14.901	ug/l	93
78) 4-Chlorotoluene	11.49	91	808321	19.422	ug/l	98
79) tert-butylbenzene	11.76	119	836521	18.900	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	858426	19.135	ug/l	99
81) sec-Butylbenzene	11.93	105	980351	19.309	ug/l	100
82) p-Isopropyltoluene	12.05	119	939992	19.643	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	484098	19.449	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	491134	19.772	ug/l	99
85) n-Butylbenzene	12.37	91	831038	19.484	ug/l	99
86) Hexachloroethane	12.58	117	149977	16.216	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	466981	19.230	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	70928	16.111	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	368381	18.831	ug/l	99
90) Hexachlorobutadiene	13.77	225	172515	16.741	ug/l	100
91) Naphthalene	13.82	128	1055229	18.628	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	352051	18.116	ug/l	97

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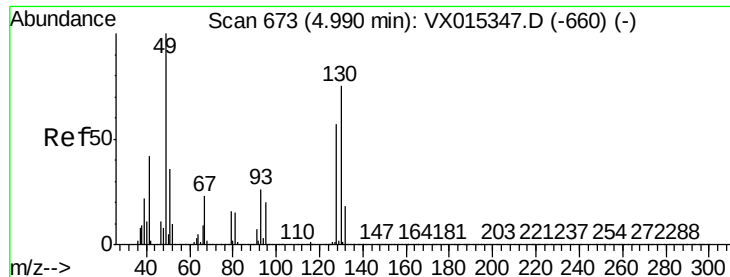
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

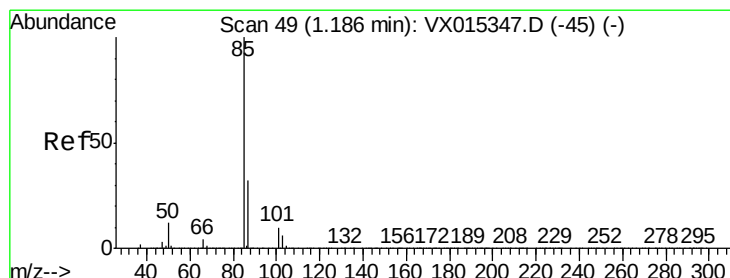
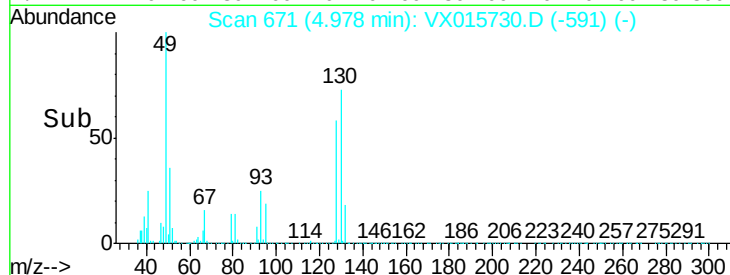
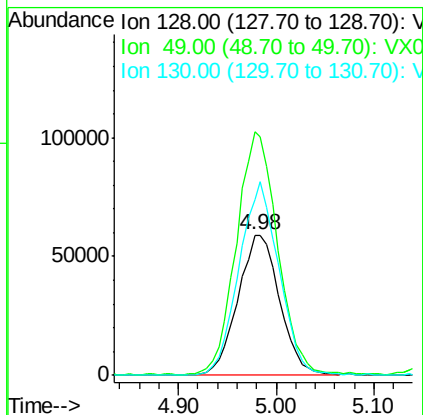
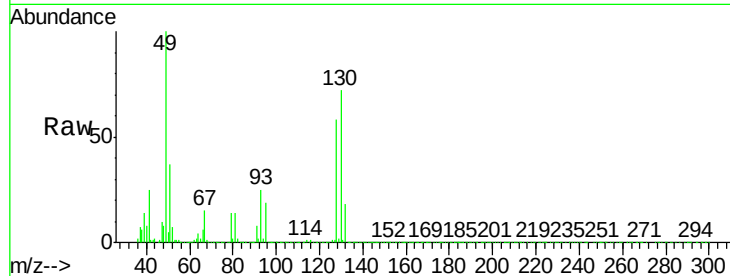
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	174312
Ion Ratio	Lower	Upper	
128	100		
49	170.1	0.0	428.0
130	132.2	0.0	324.5

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#2

Dichlorodifluoromethane

Concen: 17.063 ug/l

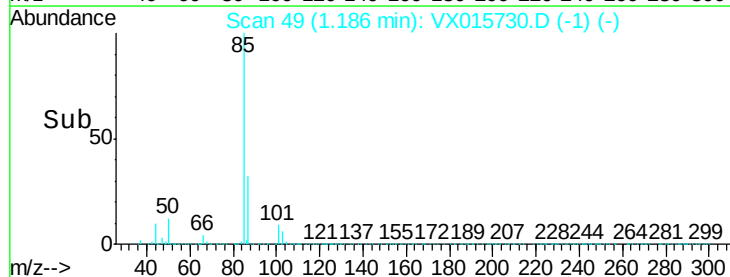
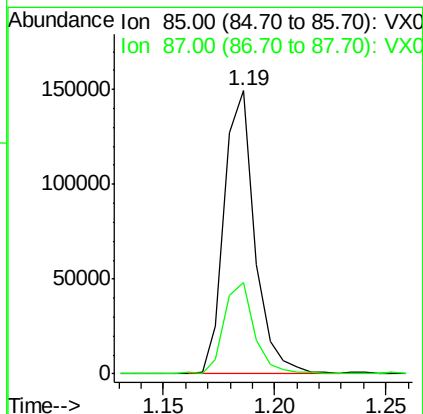
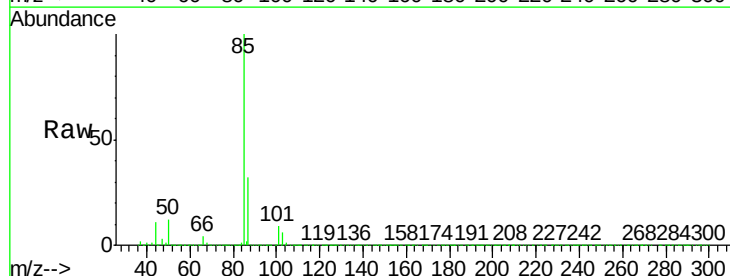
RT: 1.19 min Scan# 49

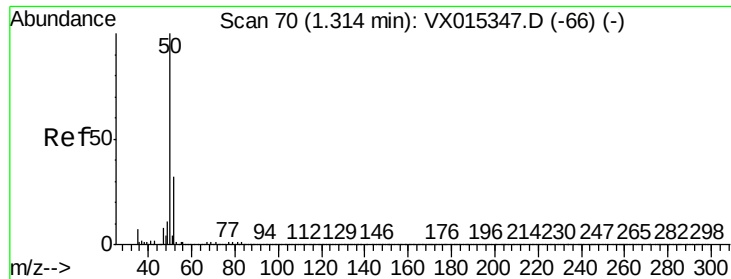
Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	85	Resp:	142040
Ion Ratio	Lower	Upper	
85	100		
87	32.0	16.3	48.9





#3

Chloromethane

Concen: 17.911 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 184008

Ion Ratio Lower Upper

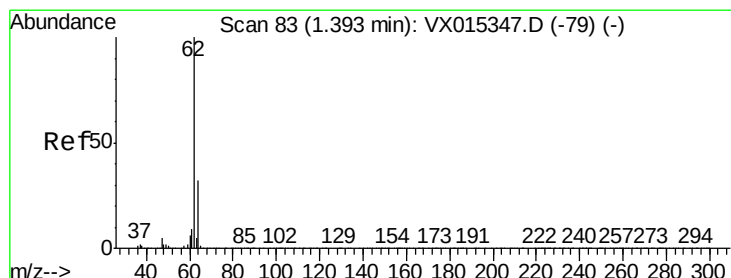
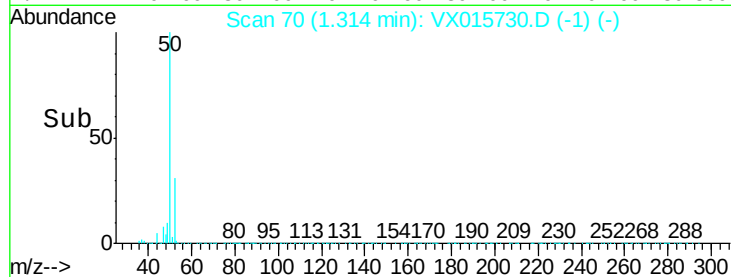
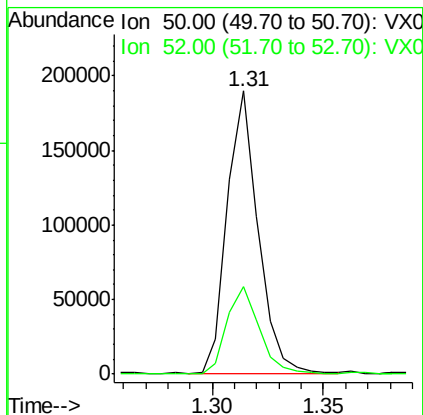
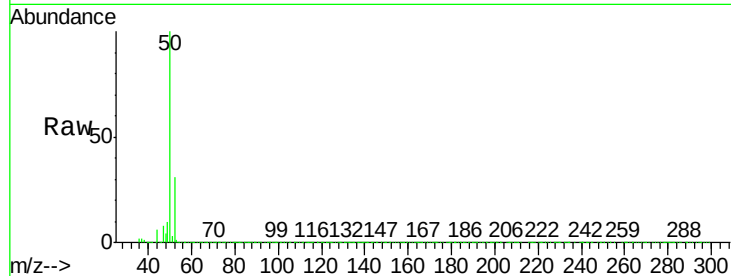
50 100

52 30.7 25.5 38.3

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#4

Vinyl Chloride

Concen: 18.884 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015730.D

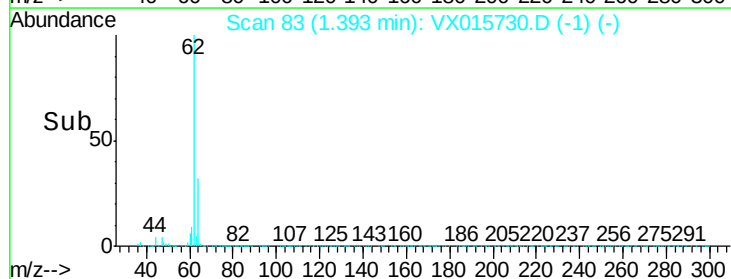
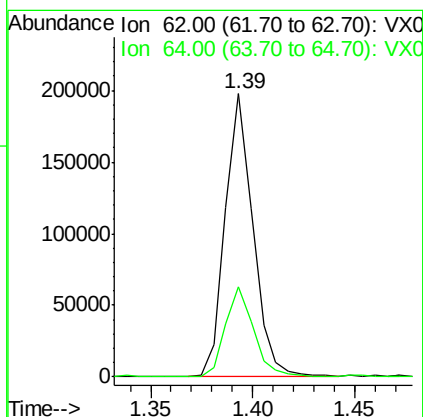
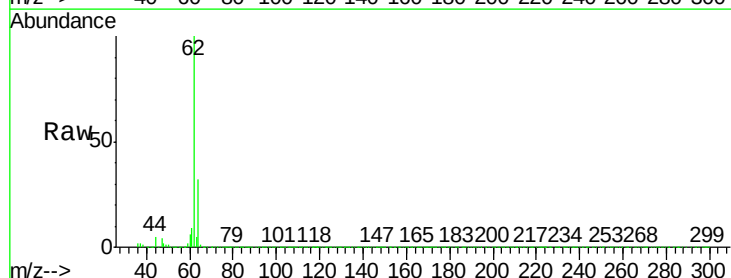
Acq: 17 Apr 2020 11:11

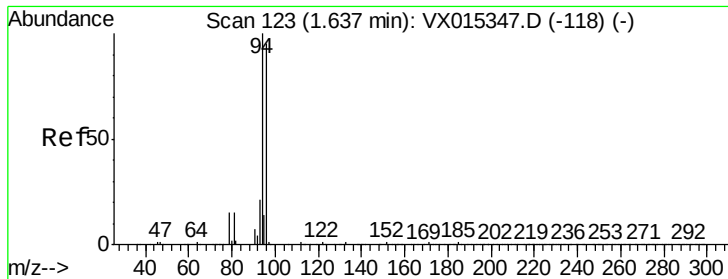
Tgt Ion: 62 Resp: 186632

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 27.634 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 145393

Ion Ratio Lower Upper

94 100

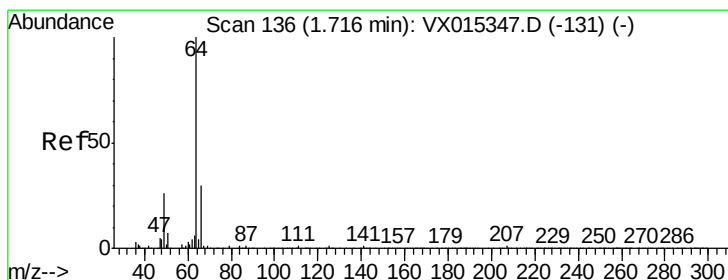
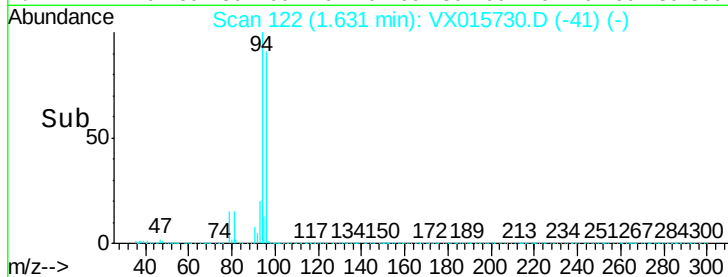
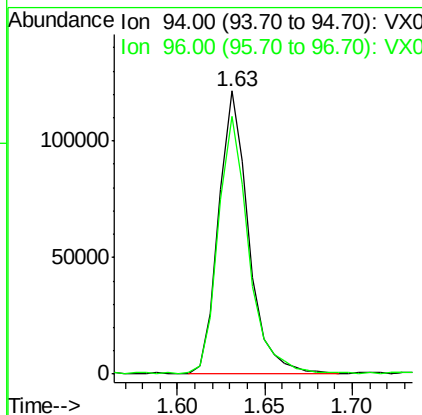
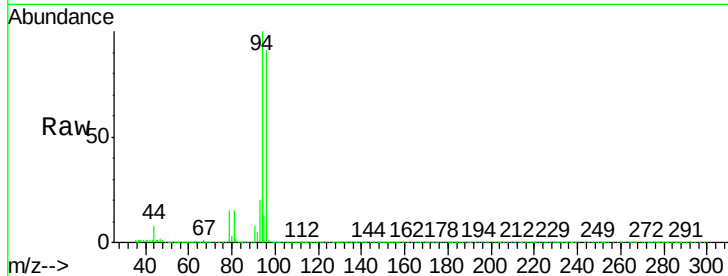
96 90.6 76.1 114.1

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#6

Chloroethane

Concen: 19.850 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015730.D

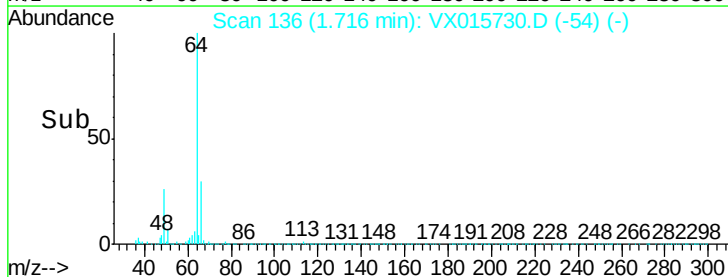
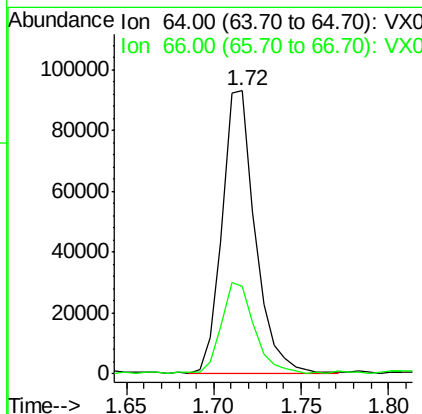
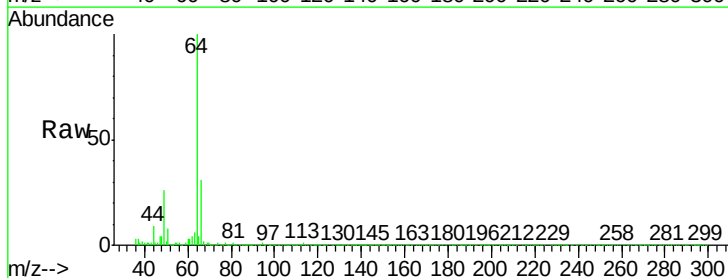
Acq: 17 Apr 2020 11:11

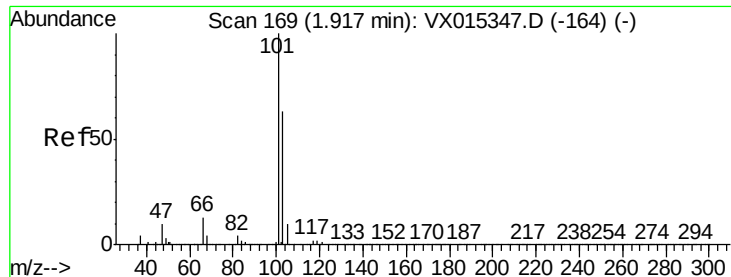
Tgt Ion: 64 Resp: 122396

Ion Ratio Lower Upper

64 100

66 30.7 24.3 36.5





#7

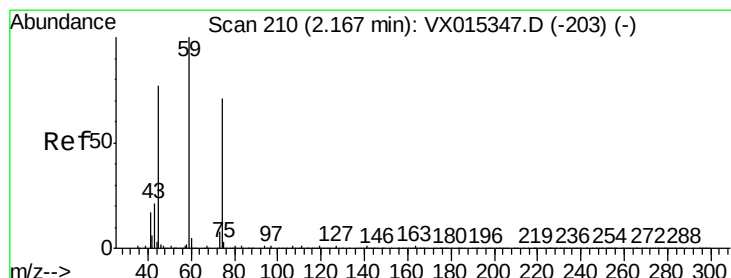
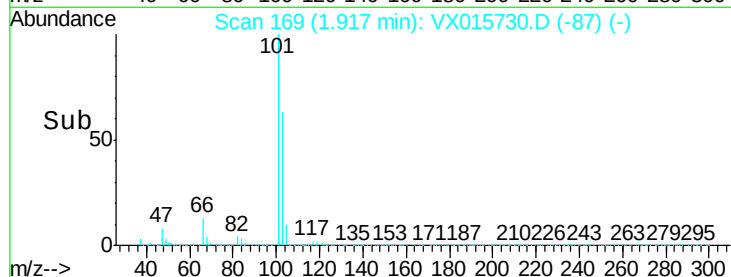
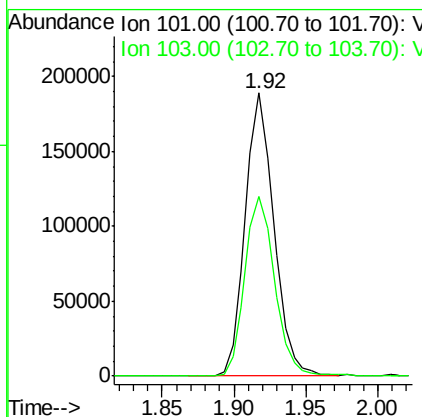
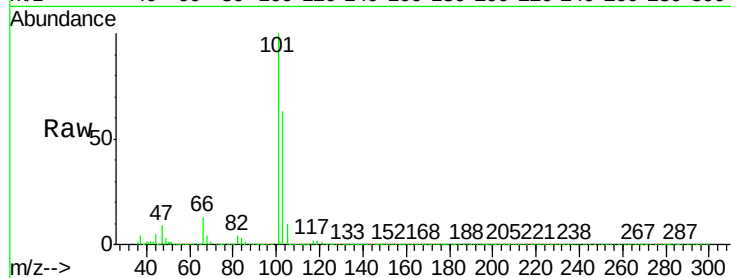
Trichlorofluoromethane
Concen: 18.426 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015730.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	49.9	74.9

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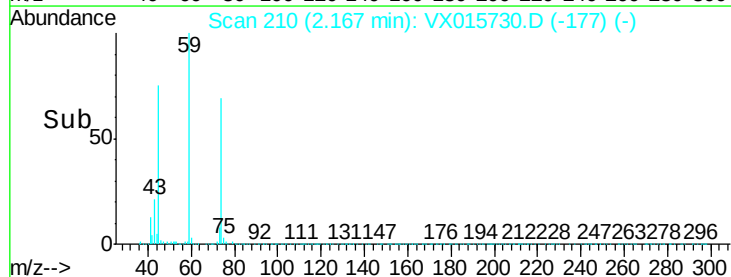
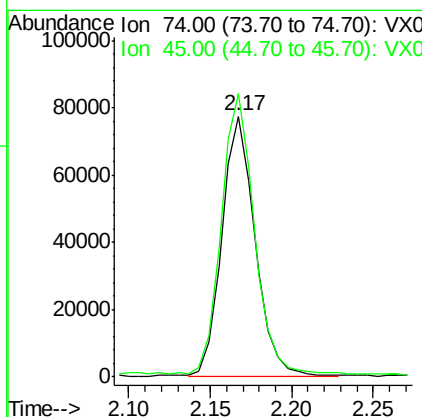
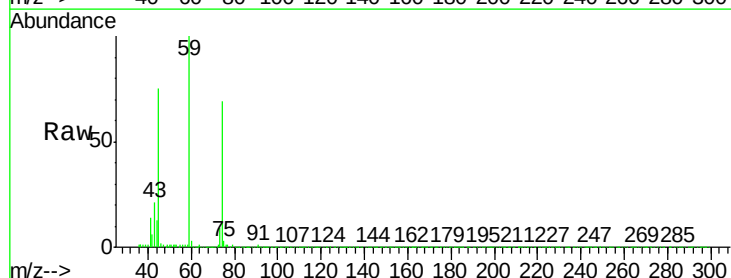
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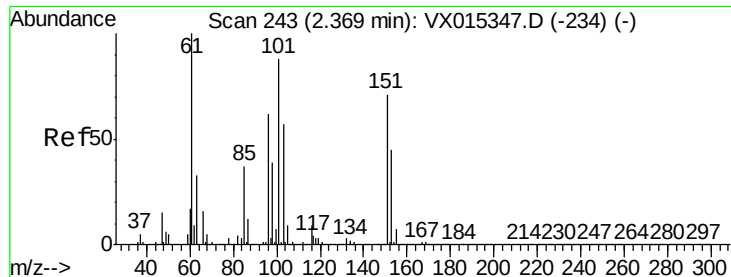


#8

Diethyl Ether
Concen: 20.014 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.1	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.025 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

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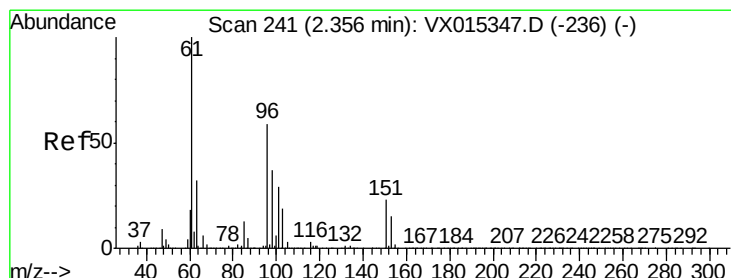
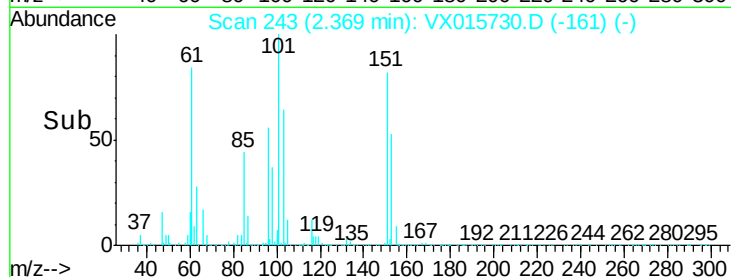
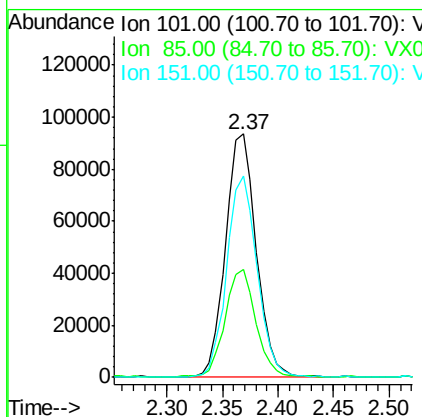
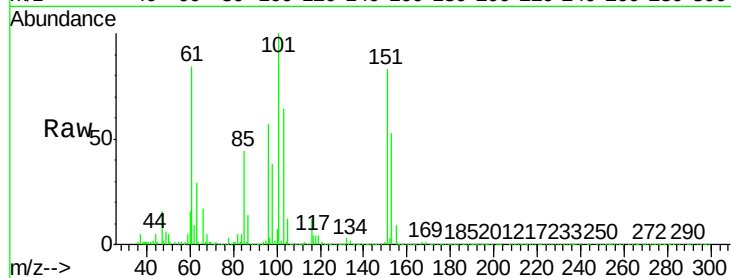
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	177777
Ion Ratio	Lower	Upper	
101	100		
85	44.8	0.0	85.8
151	82.3	0.0	164.6

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#10

1,1-Dichloroethene

Concen: 18.582 ug/l

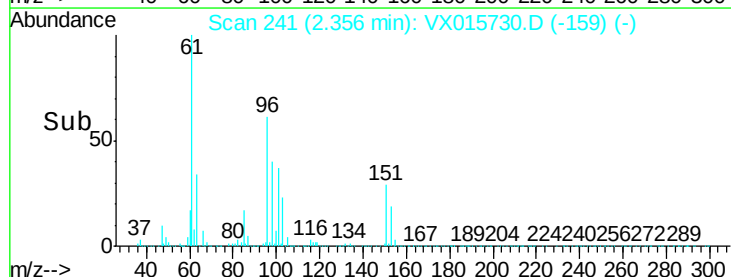
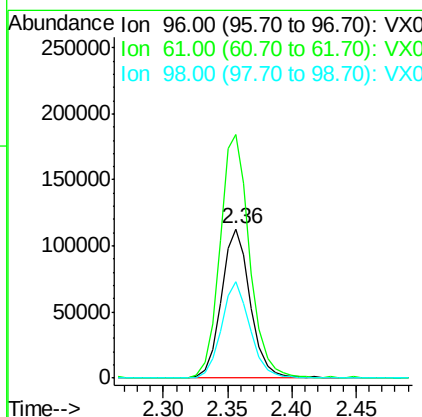
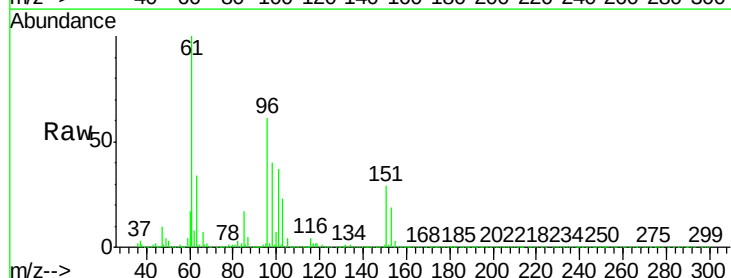
RT: 2.36 min Scan# 241

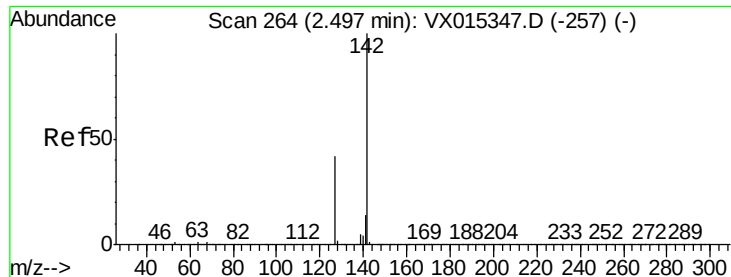
Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	96	Resp:	176372
Ion Ratio	Lower	Upper	
96	100		
61	163.1	135.5	203.3
98	64.4	50.2	75.2





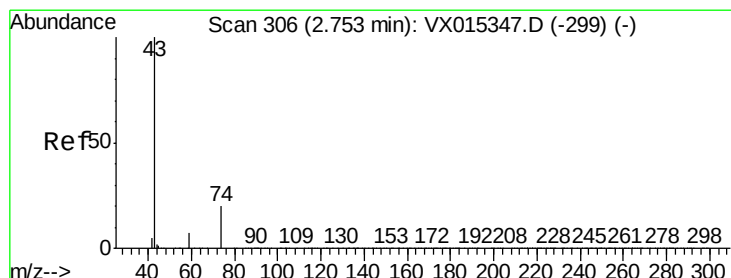
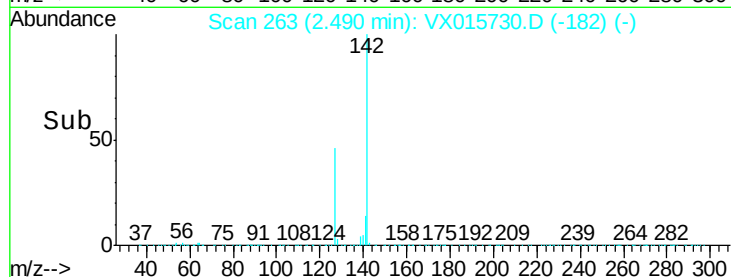
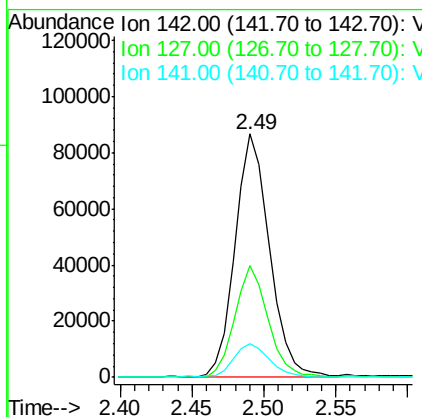
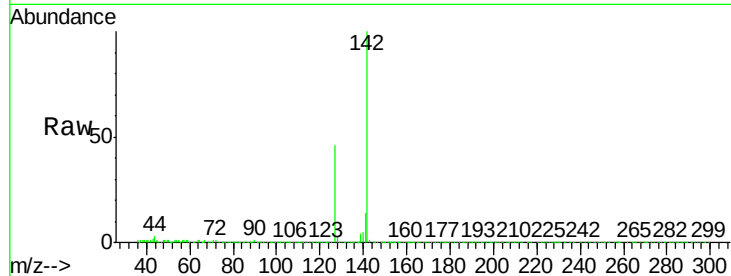
#11
Methvl Iodide
Concen: 11.397 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
127	45.8	21.0	63.0	
141	13.7	6.9	20.7	

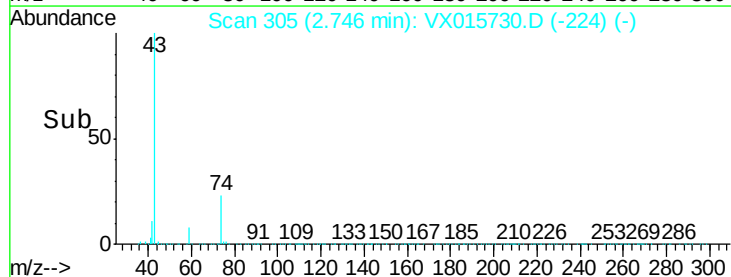
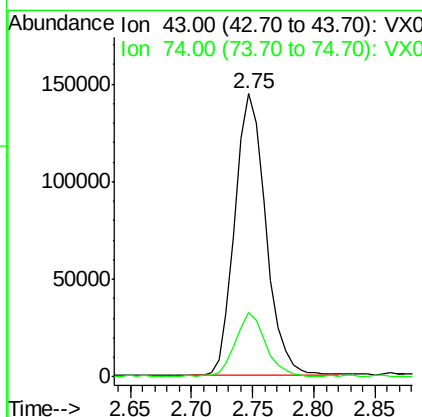
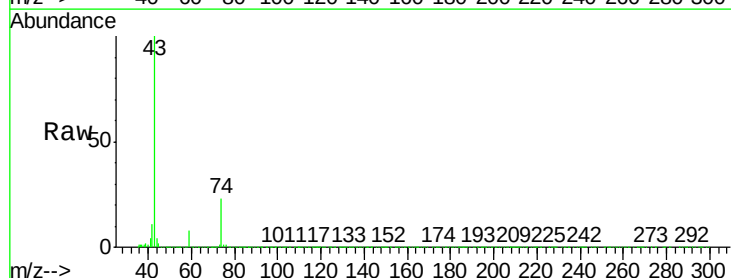
Manual Integrations
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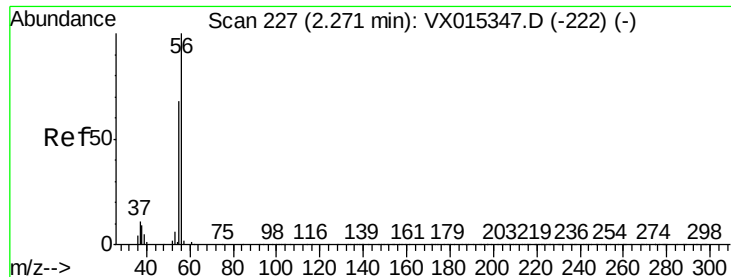
MMDadoda
4/20/2020 10:57:00 AM



#12
Methyl Acetate
Concen: 18.332 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
74	22.4	15.8	23.6	





#13

Acrolein

Concen: 129.907 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 234708

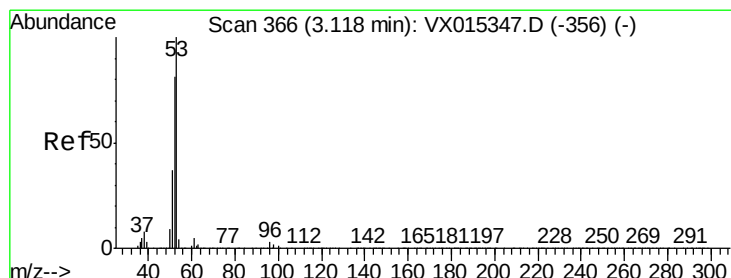
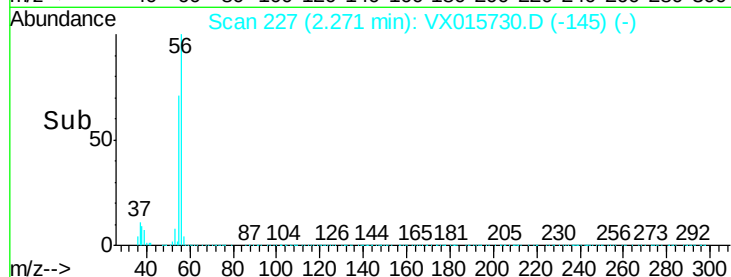
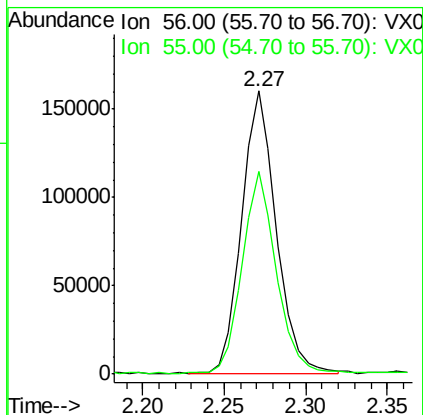
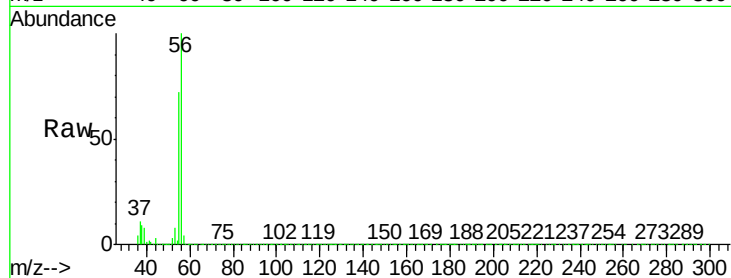
Ion Ratio Lower Upper

56 100

55 70.8 53.5 80.3

Manual Integrations
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4/20/2020 10:57:00 AM



#14

Acrylonitrile

Concen: 93.395 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

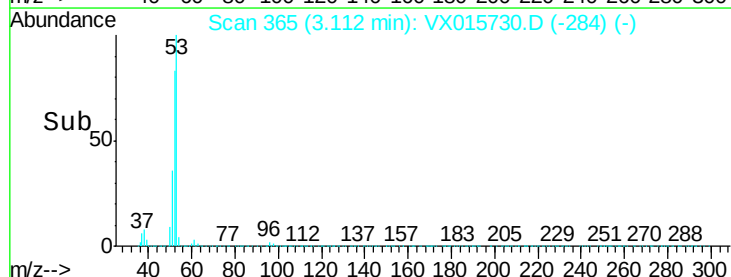
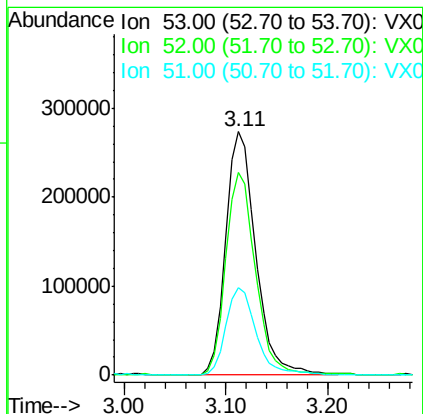
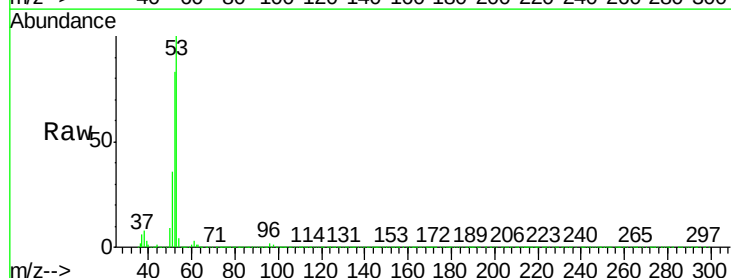
Tgt Ion: 53 Resp: 555317

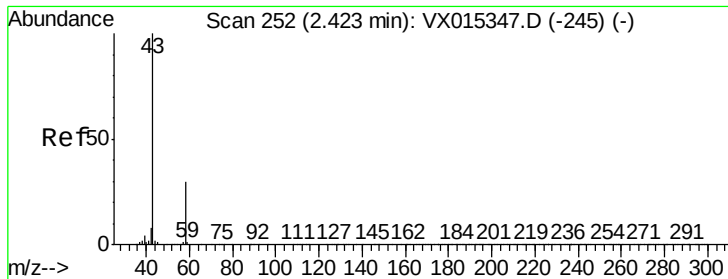
Ion Ratio Lower Upper

53 100

52 82.1 41.0 123.2

51 36.3 18.4 55.4





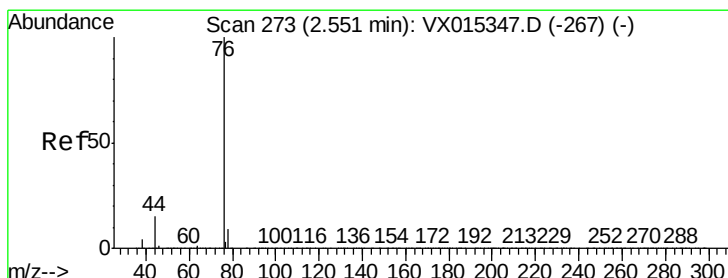
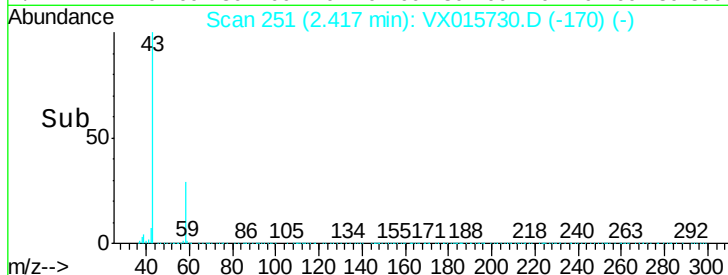
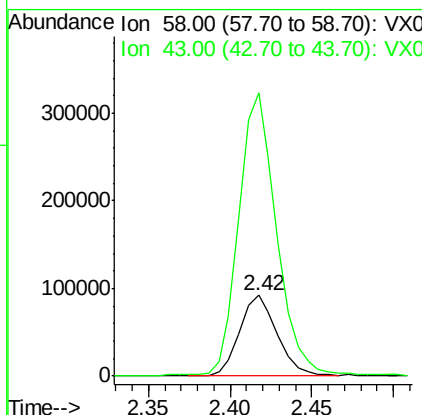
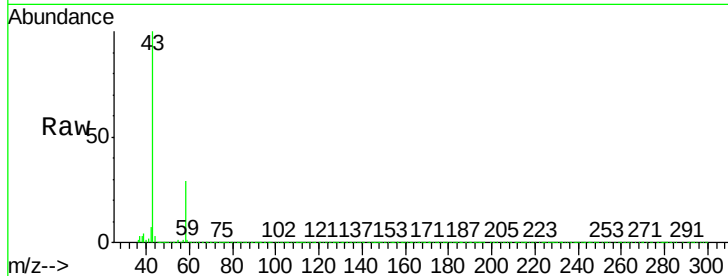
#15
Acetone
Concen: 98.426 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
58	100		
43	347.9	267.8	401.8

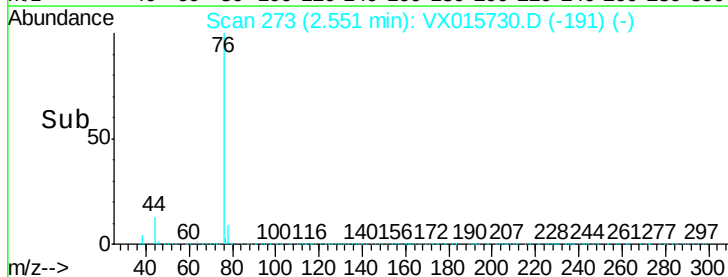
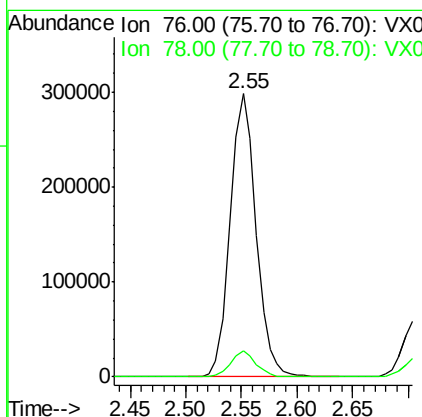
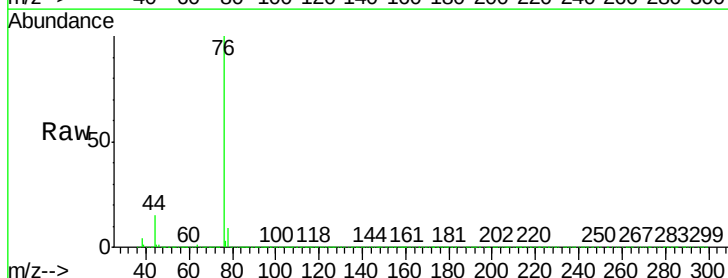
Manual Integrations
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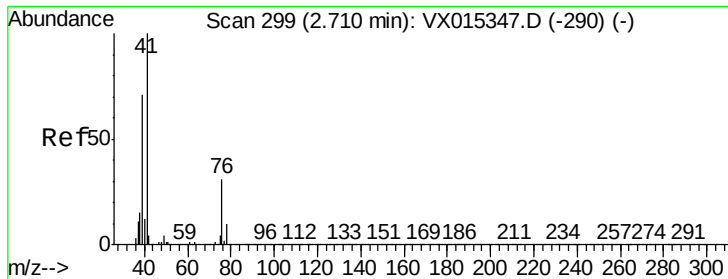
MMDadoda
4/20/2020 10:57:00 AM



#16
Carbon Disulfide
Concen: 17.348 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2





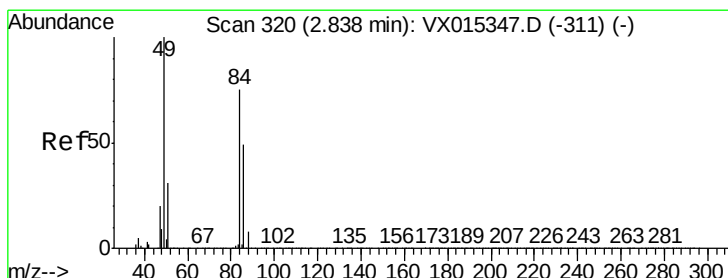
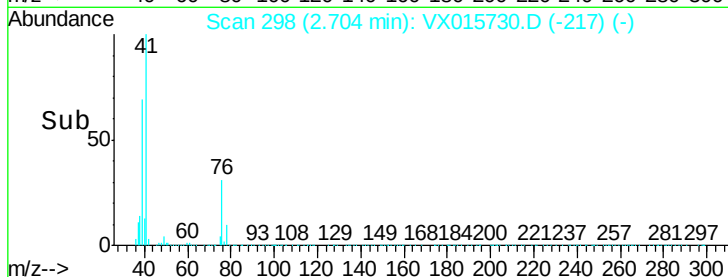
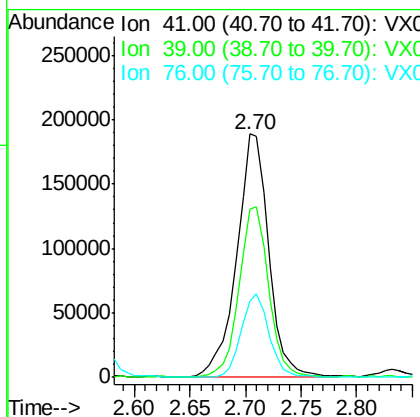
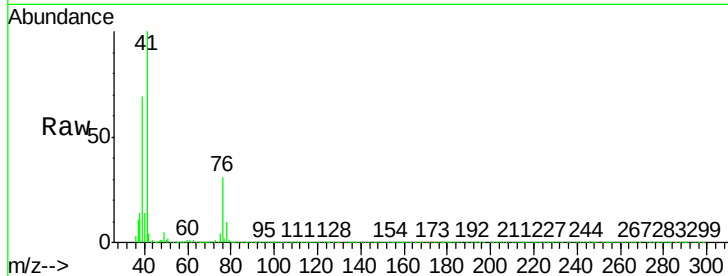
#17
Allvl chloride
Concen: 17.349 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	371766
Ion Ratio	Lower	Upper	
41	100		
39	69.0	35.6	106.8
76	30.9	15.4	46.4

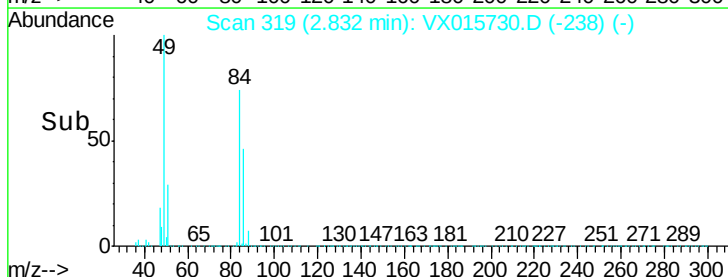
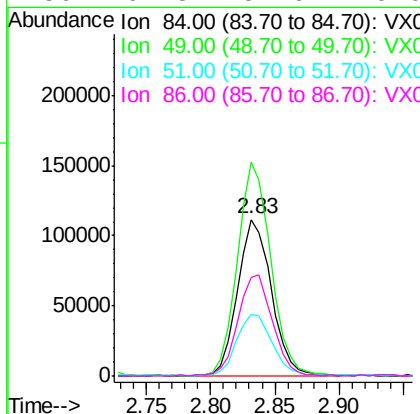
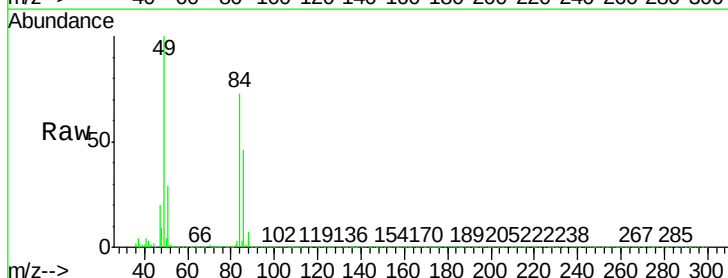
Manual Integrations
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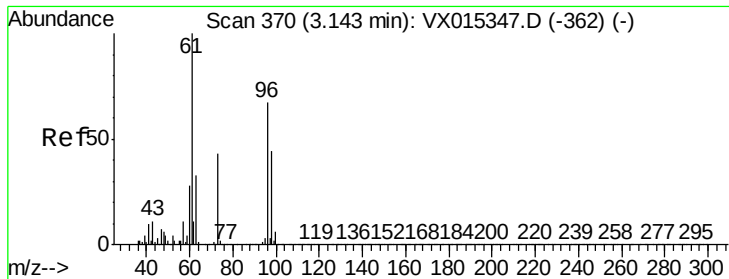
MMDadoda
4/20/2020 10:57:00 AM



#18
Methylene Chloride
Concen: 19.013 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion:	84	Resp:	202603
Ion Ratio	Lower	Upper	
84	100		
49	136.2	107.0	160.4
51	39.7	33.4	50.0
86	62.8	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 19.136 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

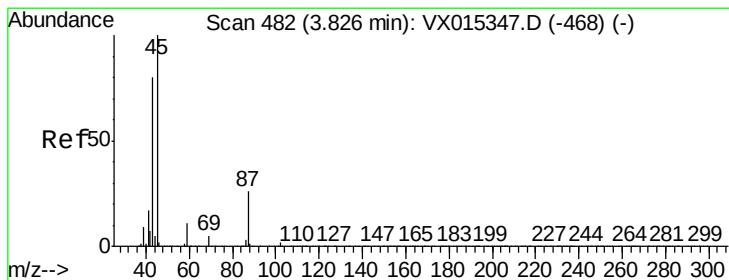
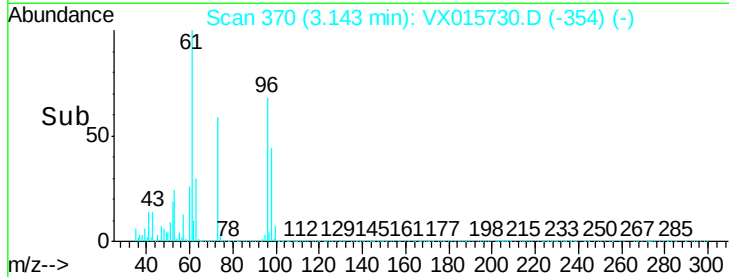
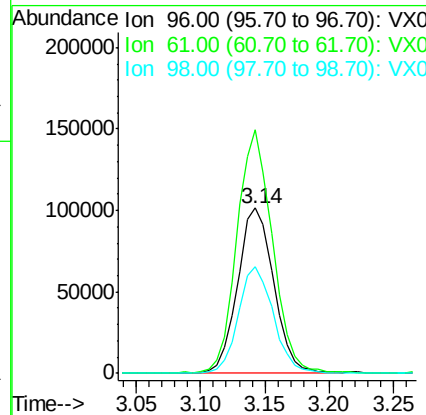
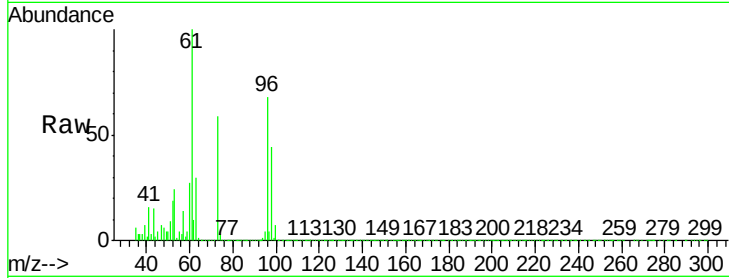
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	196477
Ion Ratio	Lower	Upper	
96	100		
61	146.9	118.2	177.2
98	64.3	51.9	77.9

Manual Integrations
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MMDadoda
4/20/2020 10:57:00 AM



#20

Diisopropyl ether

Concen: 18.722 ug/l

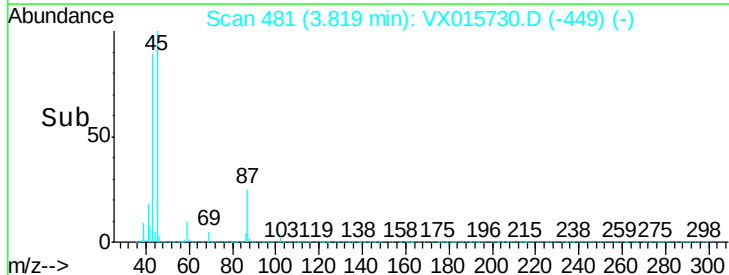
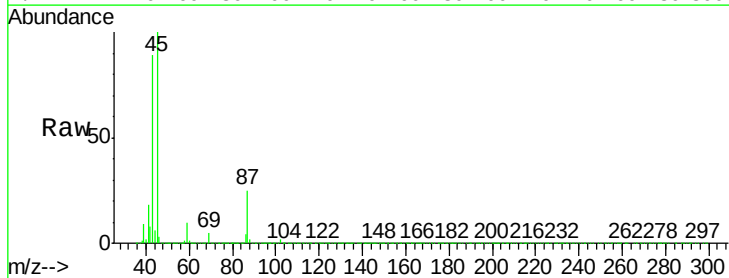
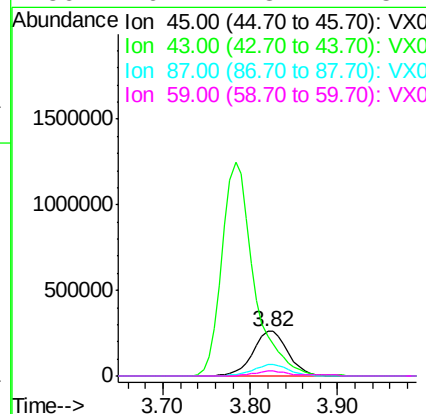
RT: 3.82 min Scan# 481

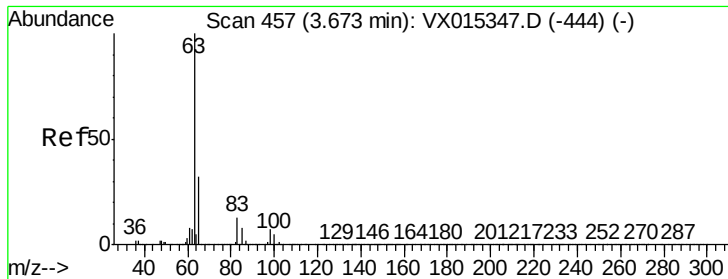
Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	45	Resp:	719553
Ion Ratio	Lower	Upper	
45	100		
43	88.5	64.4	96.6
87	24.8	20.4	30.6
59	10.1	8.7	13.1





#21

1,1-Dichloroethane

Concen: 18.670 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

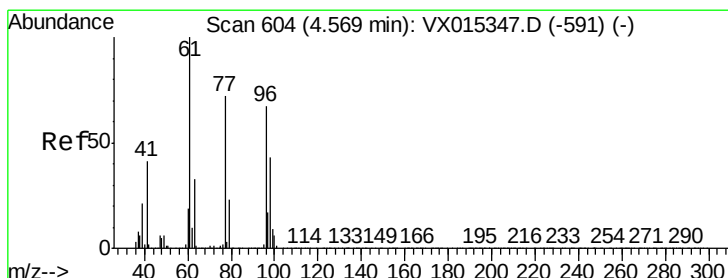
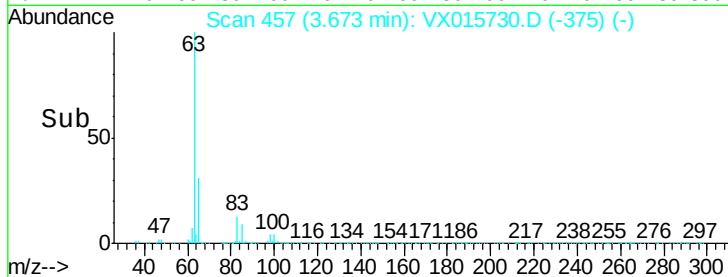
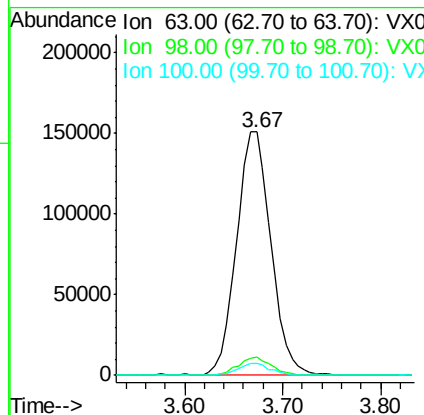
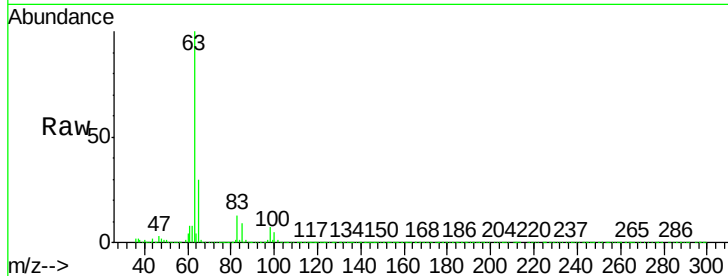
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.4	3.3	9.9
100	4.6	2.3	6.8

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.210 ug/l

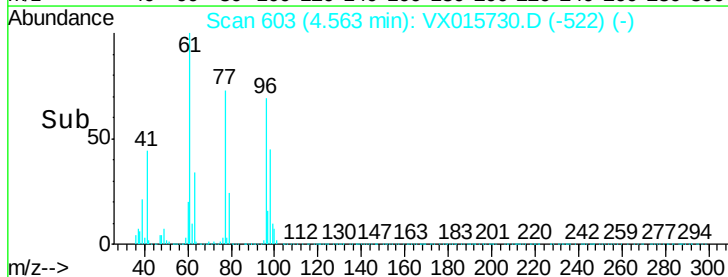
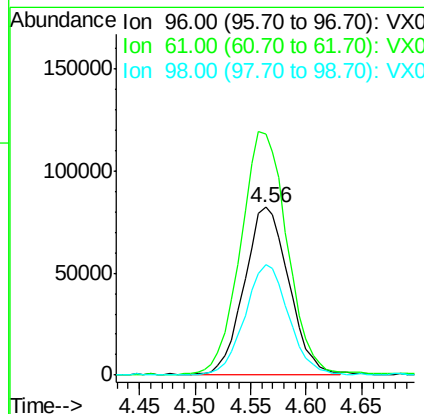
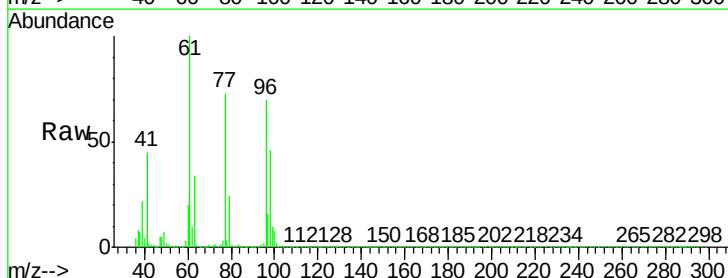
RT: 4.56 min Scan# 603

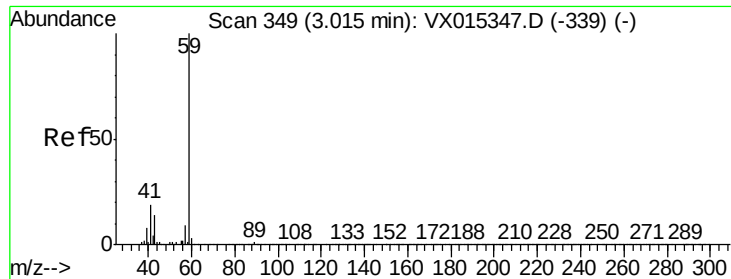
Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	153.0	127.2	190.8
98	64.9	51.8	77.6





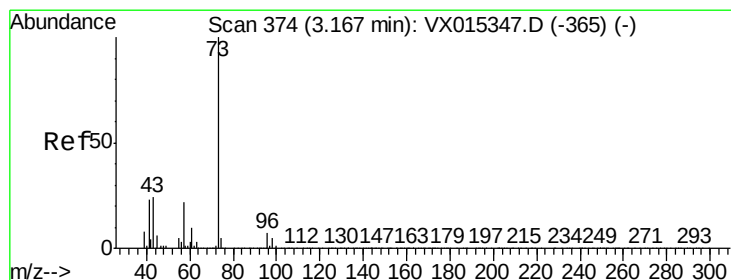
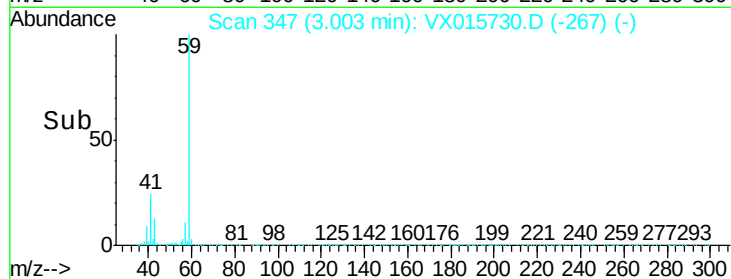
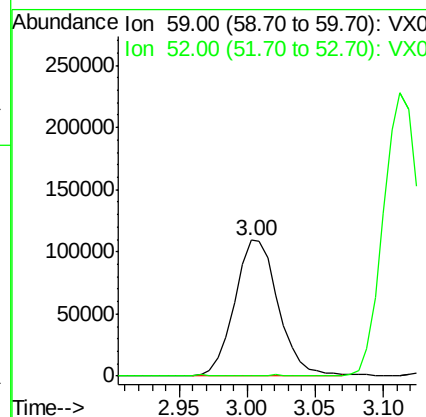
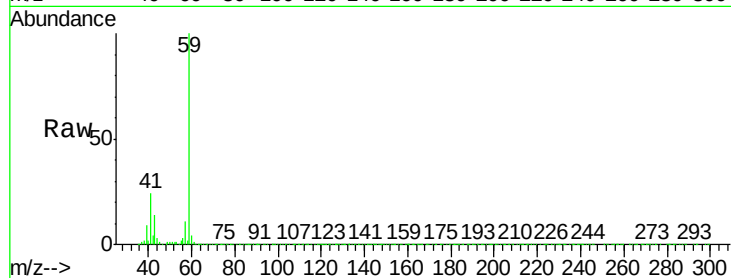
#23
 tert-Butyl Alcohol
 Concen: 82.945 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

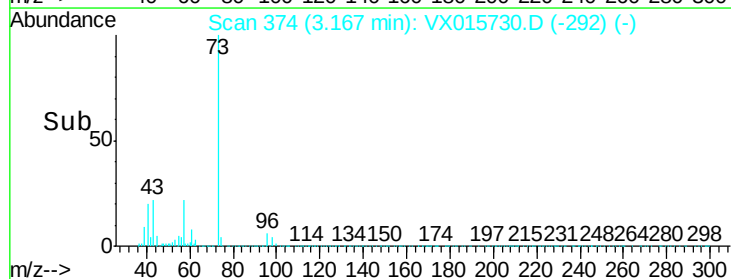
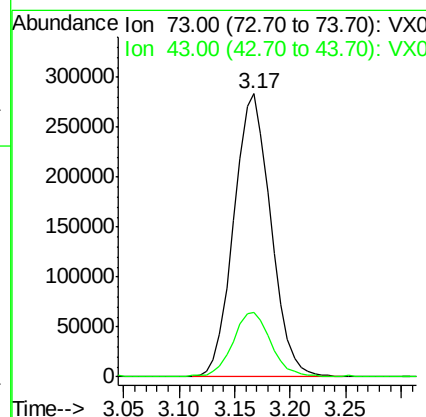
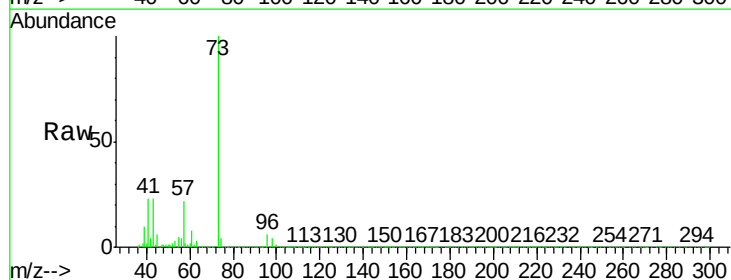
Manual Integrations
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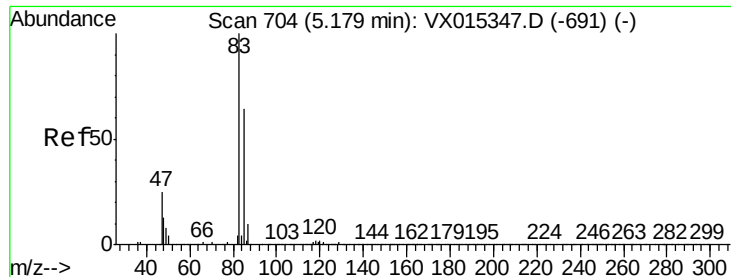
MMDadoda
 4/20/2020 10:57:00 AM



#24
 Methyl tert-Butyl Ether
 Concen: 18.503 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.9	19.2	28.8





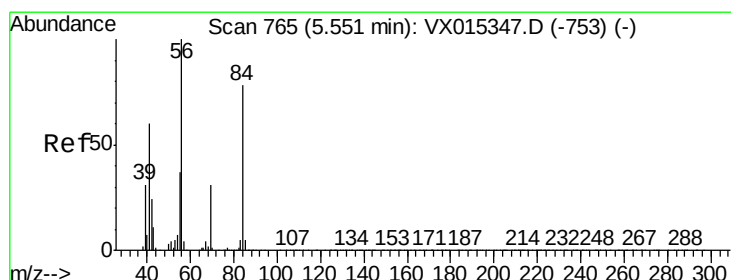
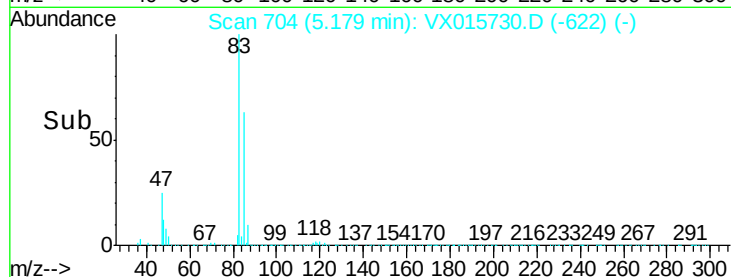
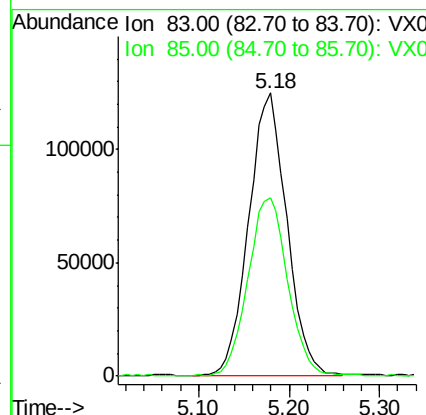
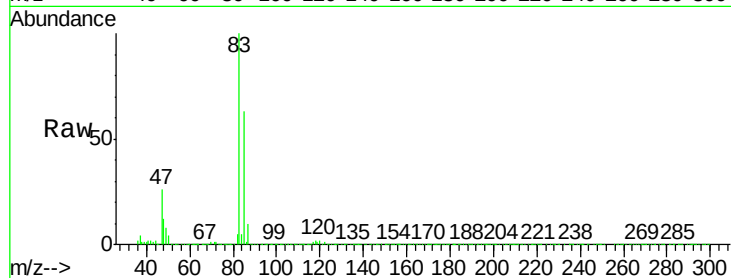
#25
Chloroform
Concen: 18.763 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.5	75.7

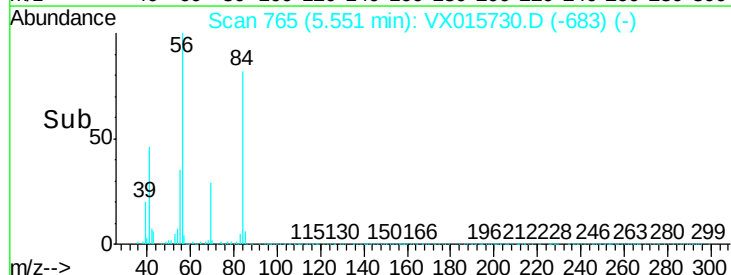
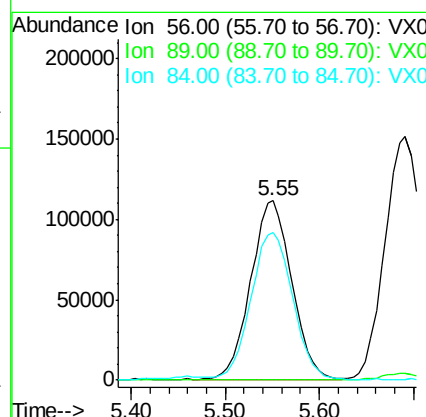
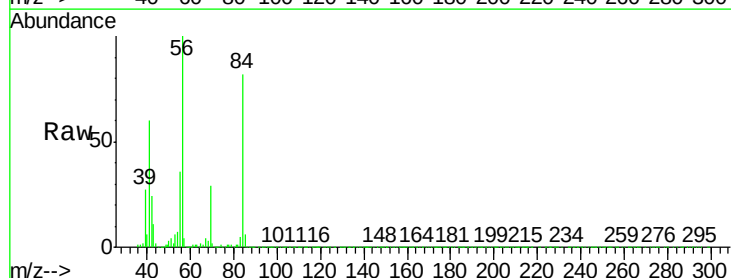
Manual Integrations
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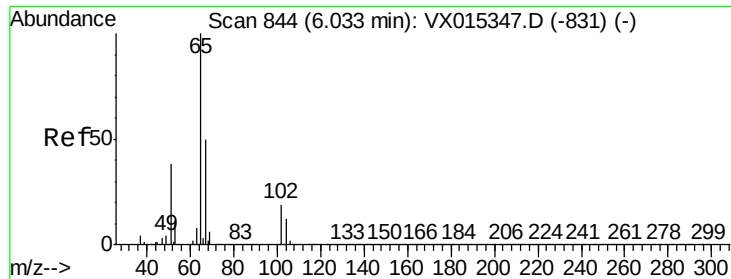
MMDadoda
4/20/2020 10:57:00 AM



#26
Cyclohexane
Concen: 18.104 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.1	0.1	0.1#
84	84.4	66.1	99.1





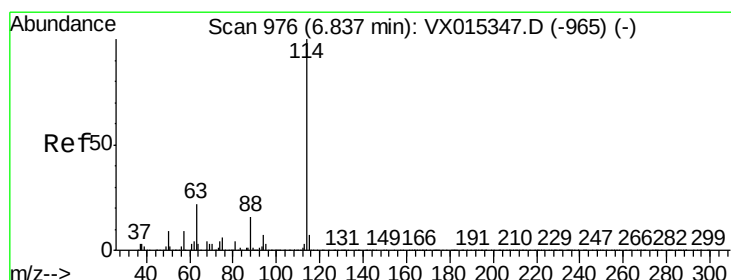
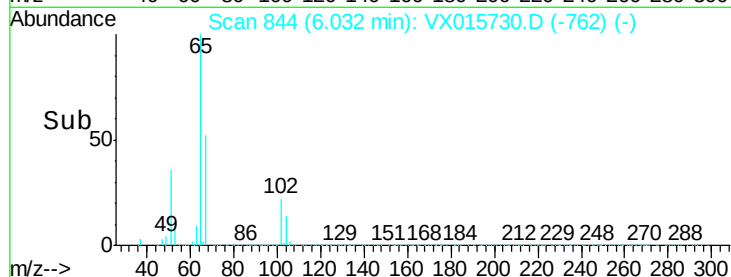
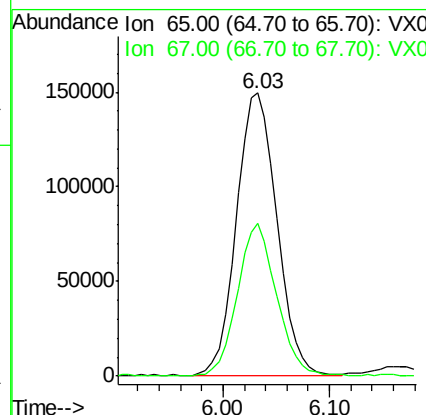
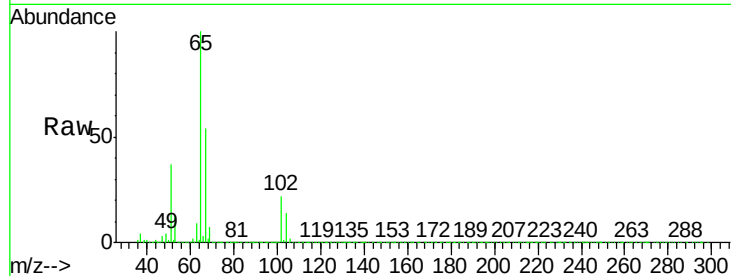
#27
 1,2-Dichloroethane-d4
 Concen: 29.172 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	397355		
67	52.1		40.9	61.3

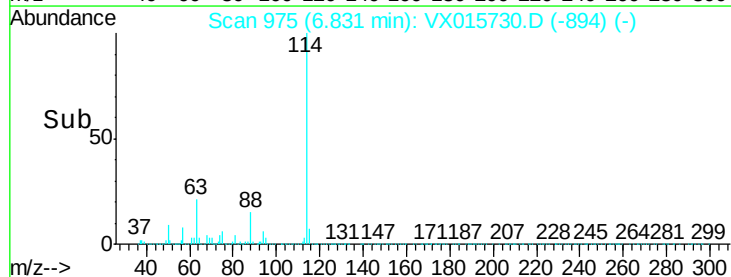
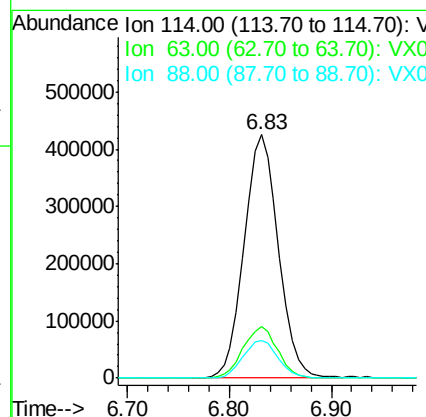
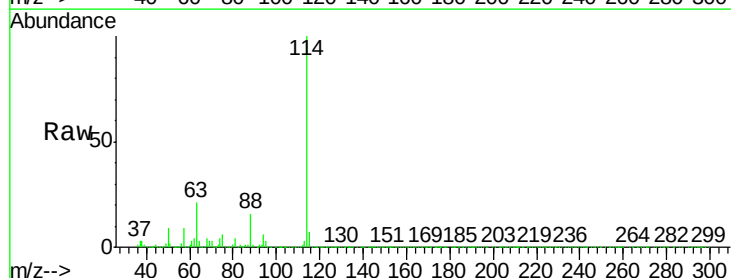
Manual Integrations
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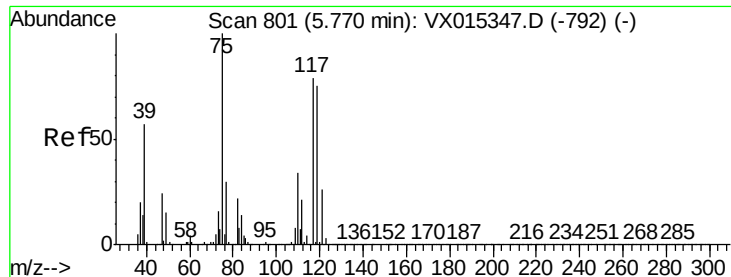
MMDadoda
 4/20/2020 10:57:00 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	992136		
63	21.2		17.4	26.2
88	15.9		12.9	19.3





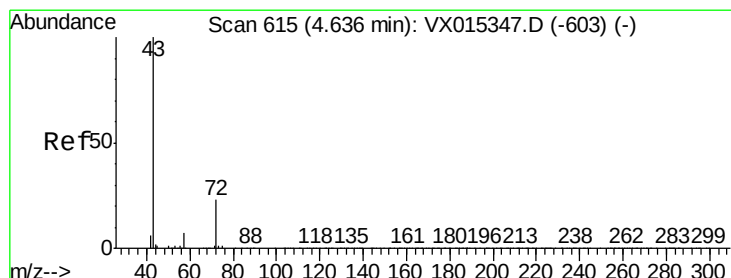
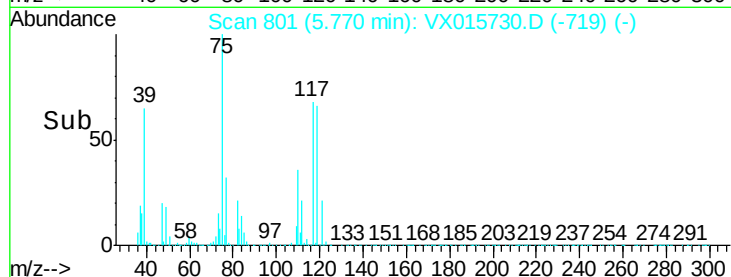
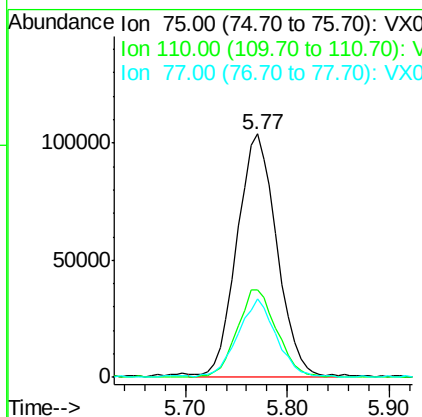
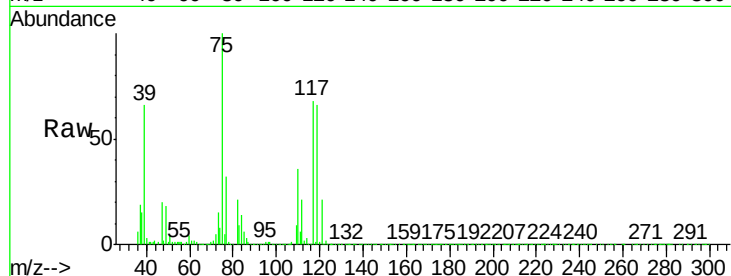
#29
 1,1-Dichloropropene
 Concen: 18.743 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.5	0.0	71.2
77	31.3	0.0	62.2

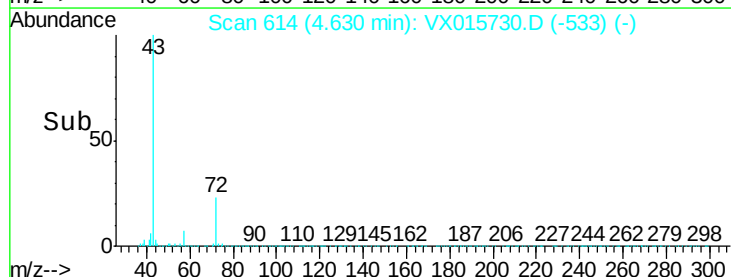
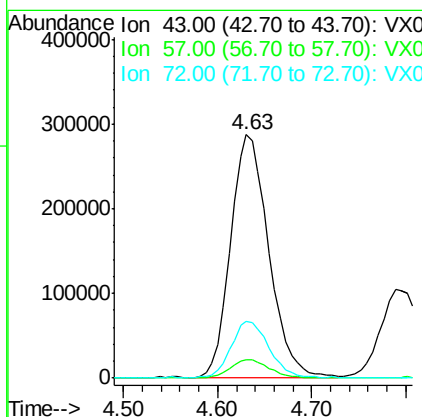
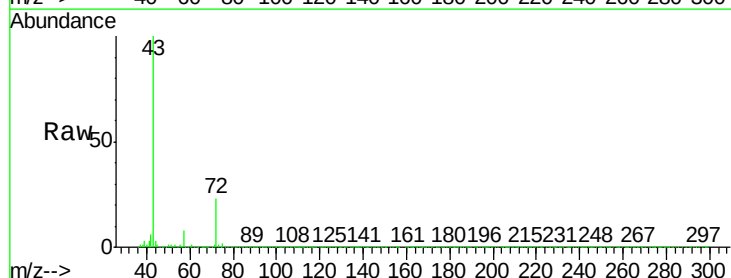
Manual Integrations
 APPROVED

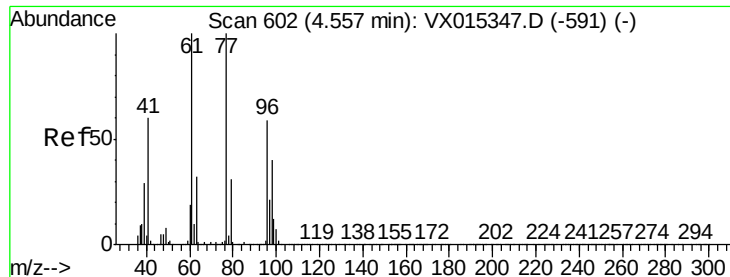
MMDadoda
 4/20/2020 10:57:00 AM



#30
 2-Butanone
 Concen: 90.166 ug/l
 RT: 4.63 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	5.9	8.9
72	22.8	18.6	27.8





#31

2,2-Dichloropropane

Concen: 18.234 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 327065

Ion Ratio Lower Upper

77 100

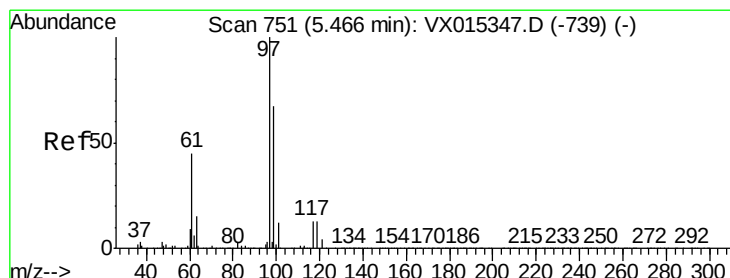
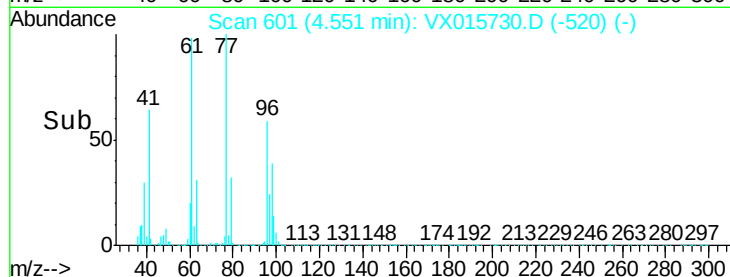
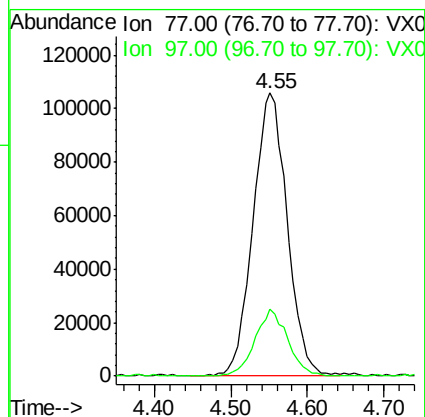
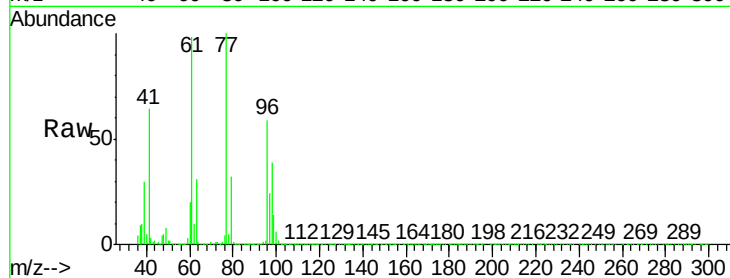
97 22.3 17.8 26.8

Manual Integrations

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MMDadoda

4/20/2020 10:57:00 AM



#32

1,1,1-Trichloroethane

Concen: 18.296 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

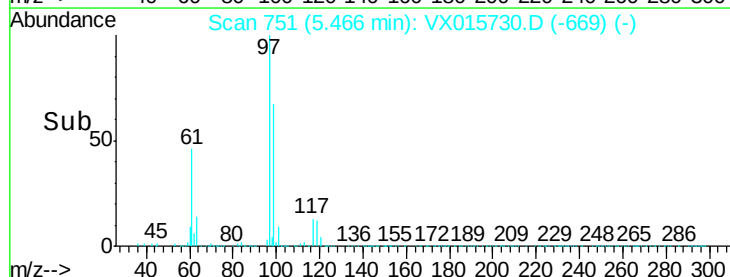
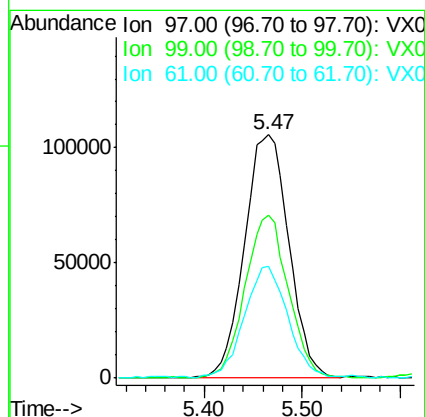
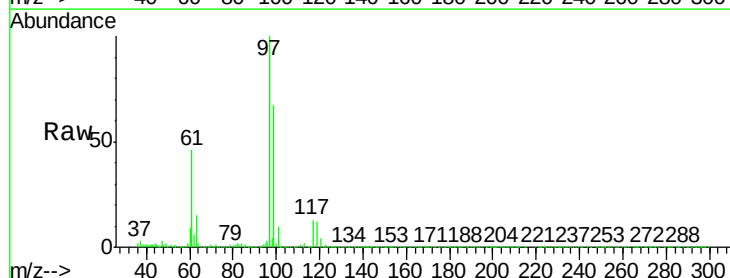
Tgt Ion: 97 Resp: 332744

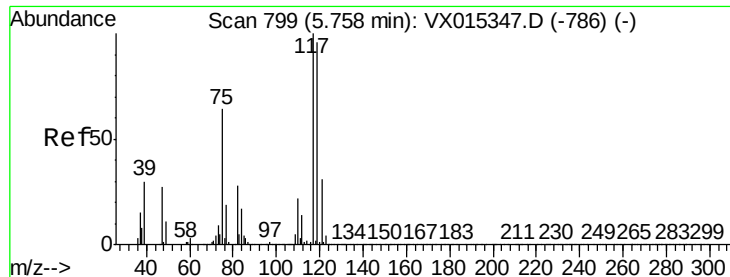
Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

61 44.6 35.8 53.8





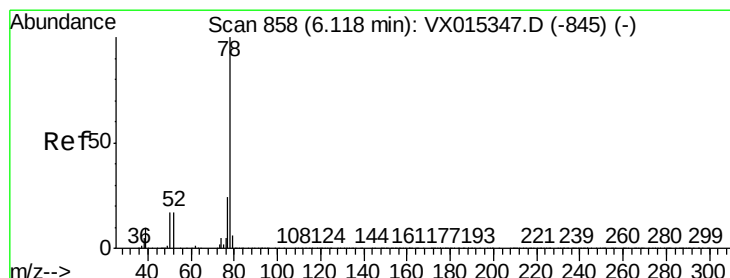
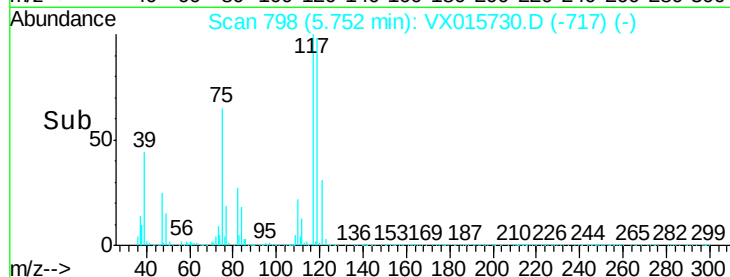
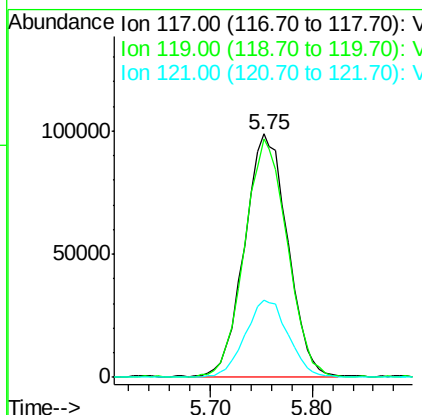
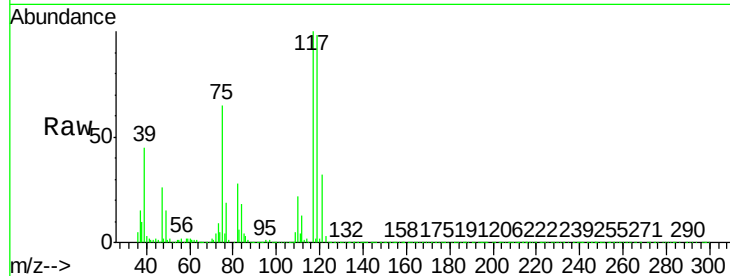
#33
Carbon Tetrachloride
Concen: 17.507 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.6	114.8
121	31.4	25.0	37.4

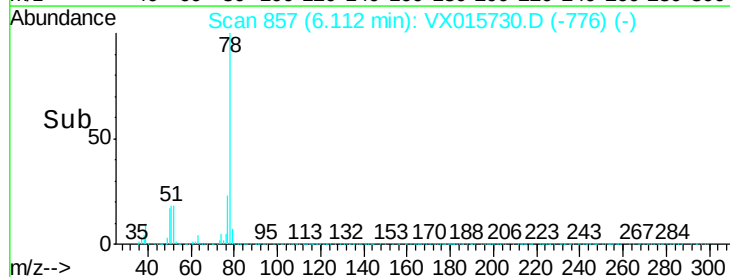
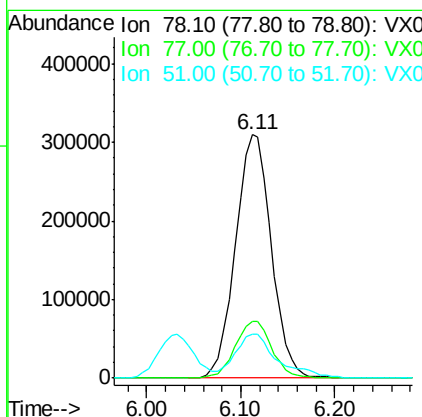
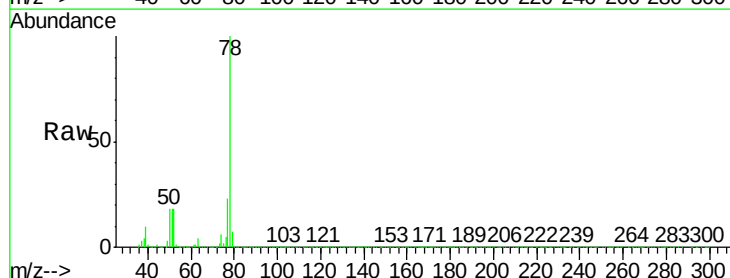
Manual Integrations
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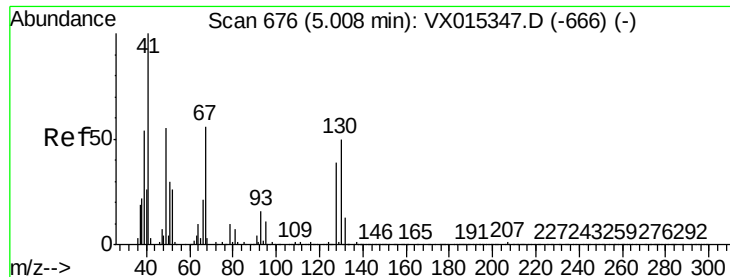
MMDadoda
4/20/2020 10:57:00 AM



#34
Benzene
Concen: 19.090 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2
51	17.3	14.6	21.8





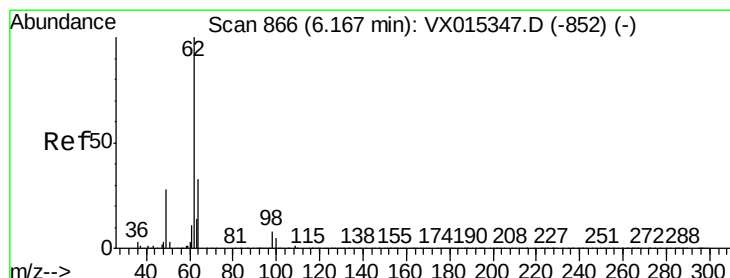
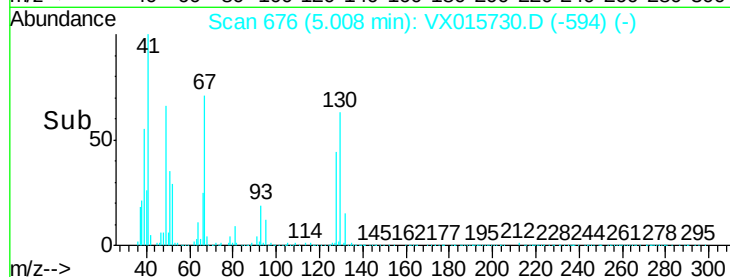
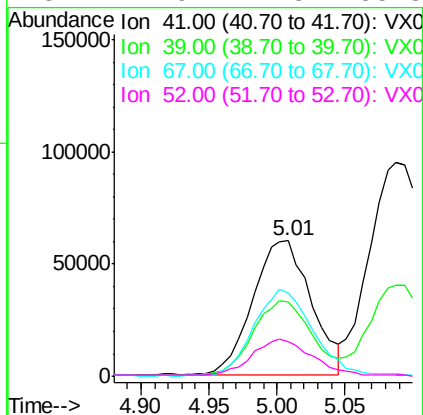
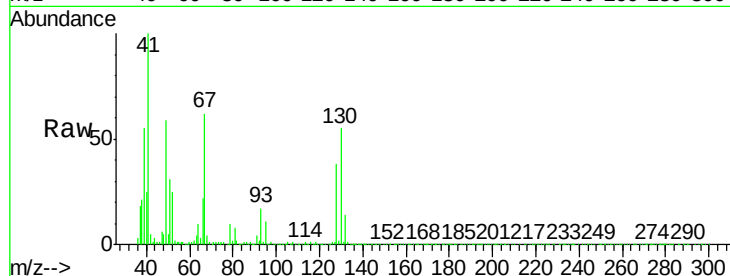
#35
Methacrylonitrile
Concen: 17.795 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.0	81.0
67	61.6	28.2	84.6
52	24.9	12.8	38.3

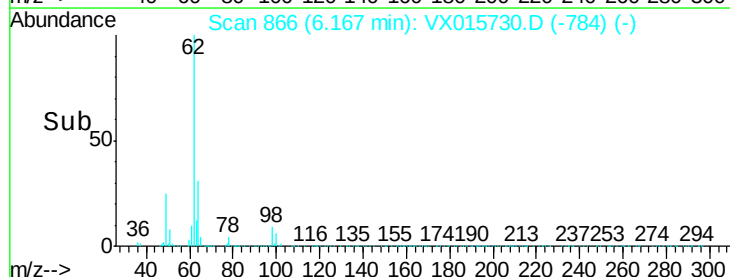
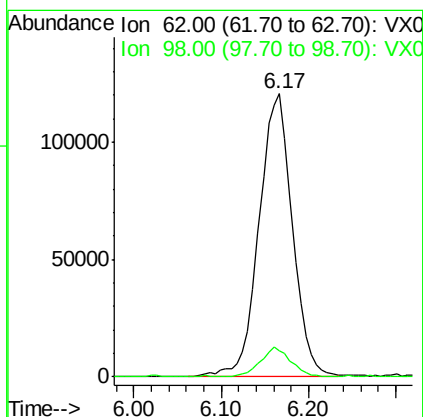
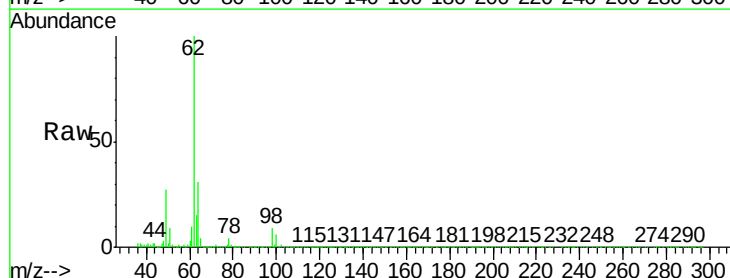
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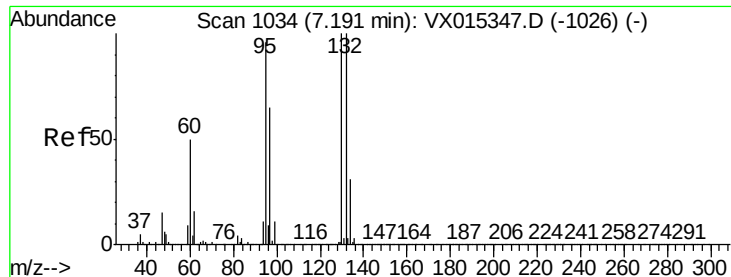
MMDadoda
4/20/2020 10:57:00 AM



#36
1,2-Dichloroethane
Concen: 19.141 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.9	10.3





#37

Trichloroethene

Concen: 18.863 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 228177

Ion Ratio Lower Upper

130 100

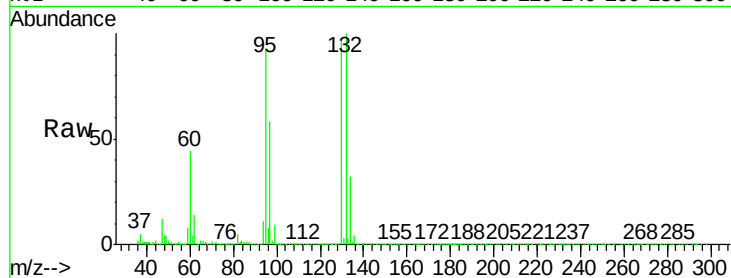
95 93.9 76.4 114.6

Manual Integrations

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MMDadoda

4/20/2020 10:57:00 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

120000

100000

80000

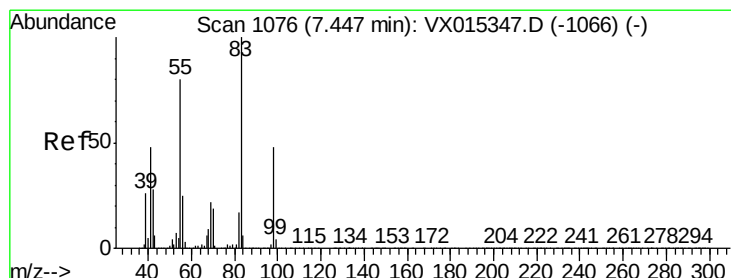
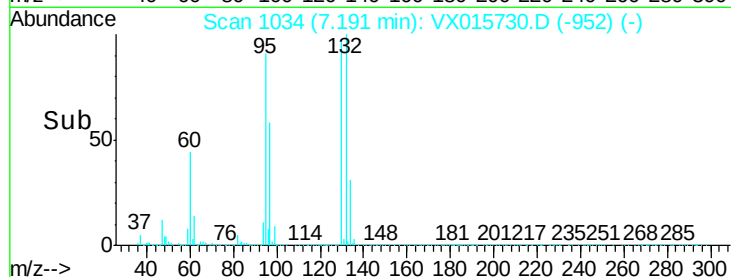
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25



#38

Methylcyclohexane

Concen: 18.737 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

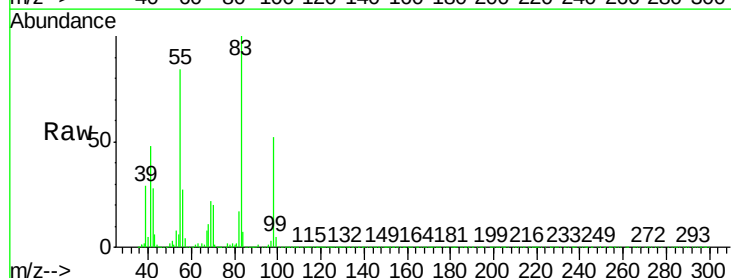
Tgt Ion: 83 Resp: 342381

Ion Ratio Lower Upper

83 100

55 82.3 41.3 124.1

98 50.7 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

200000

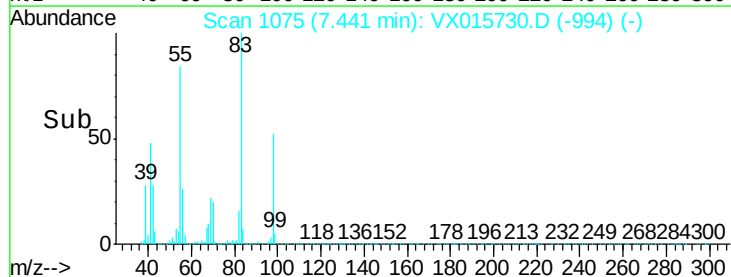
150000

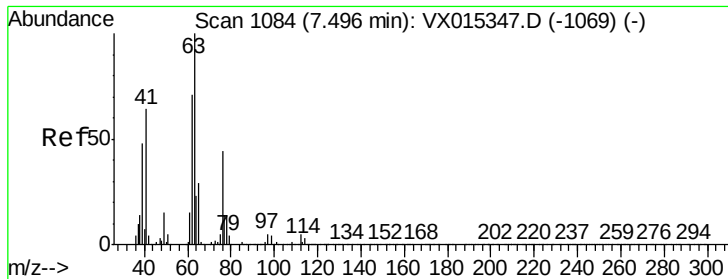
100000

50000

0

Time--> 7.40 7.50





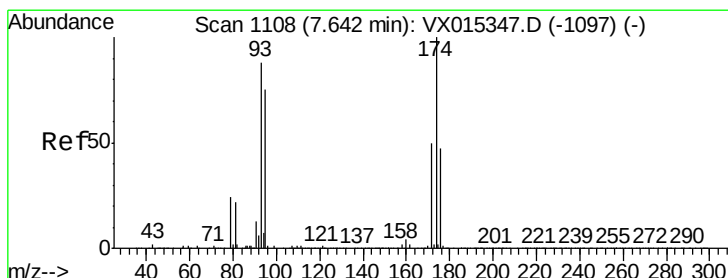
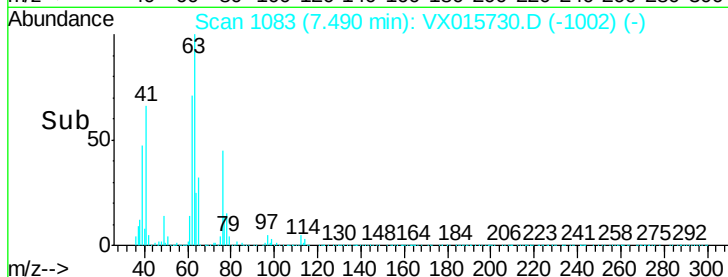
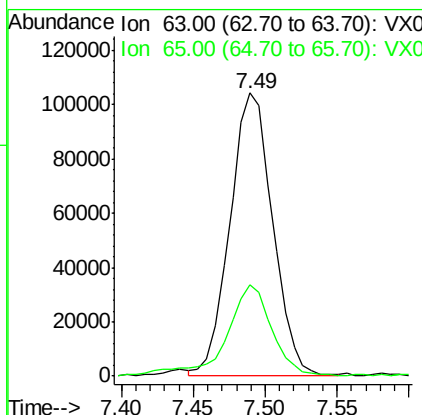
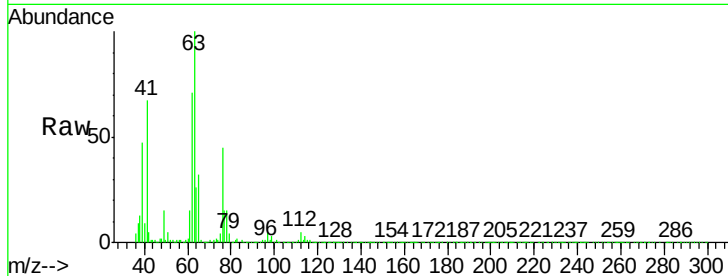
#39
 1,2-Dichloropropane
 Concen: 18.568 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	34.4

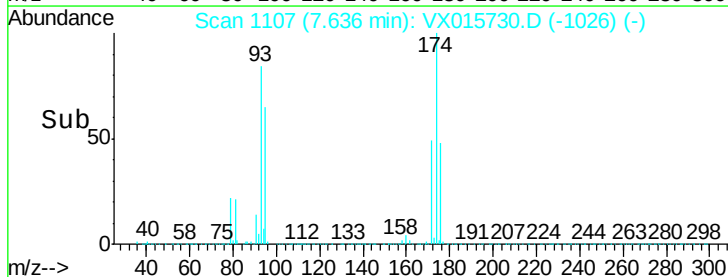
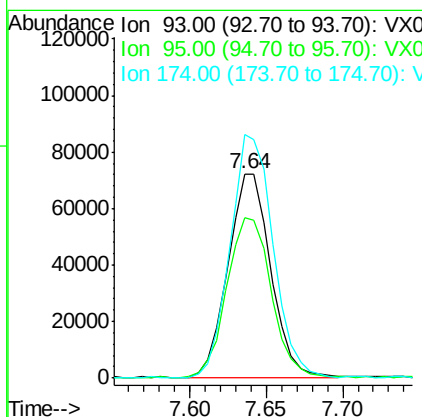
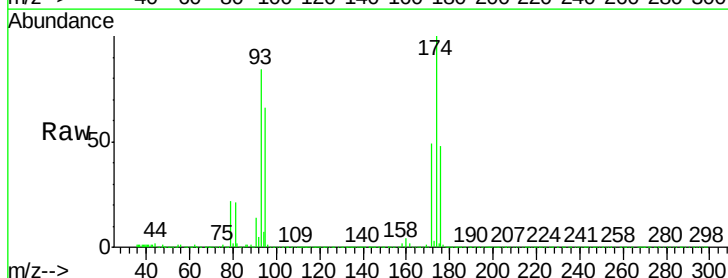
Manual Integrations
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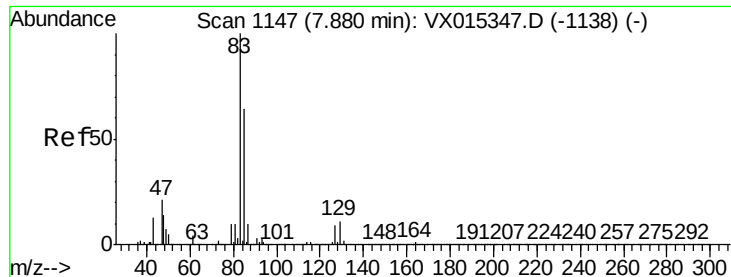
MMDadoda
 4/20/2020 10:57:00 AM



#40
 Dibromomethane
 Concen: 18.253 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	0.0	166.4
174	119.9	0.0	225.4





#41

Bromodichloromethane

Concen: 17.294 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

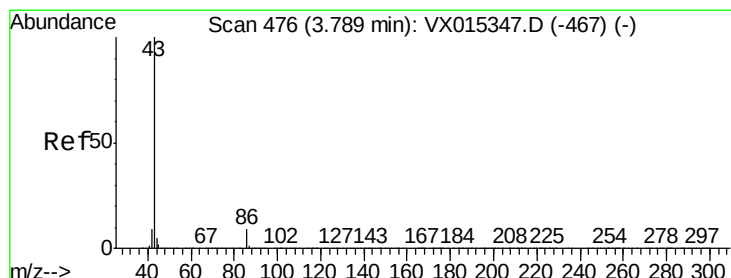
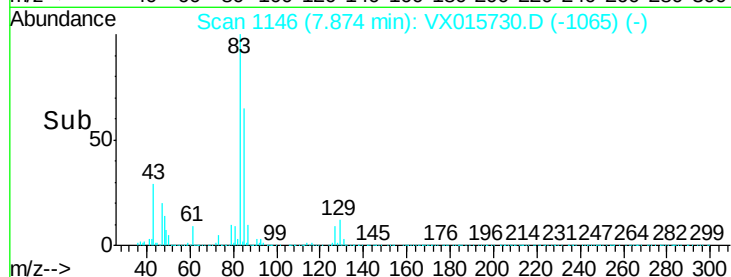
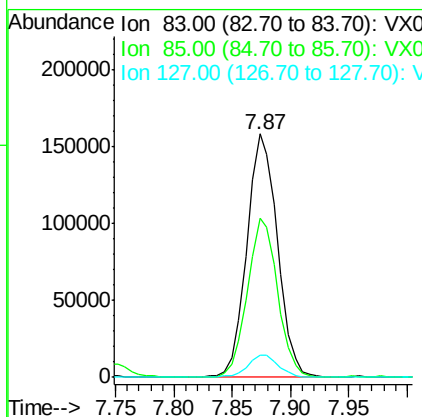
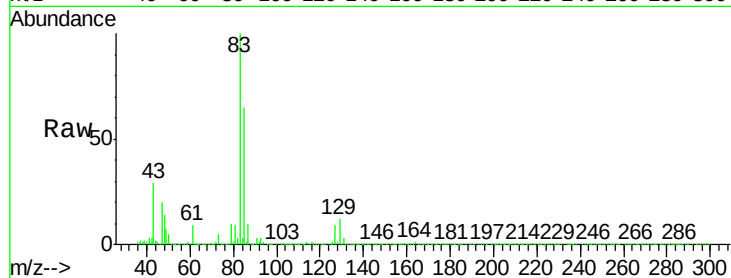
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	288669
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.6	77.4
127	8.8	7.0	10.4

Manual Integrations
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MMDadoda
4/20/2020 10:57:00 AM



#42

Vinyl Acetate

Concen: 93.574 ug/l

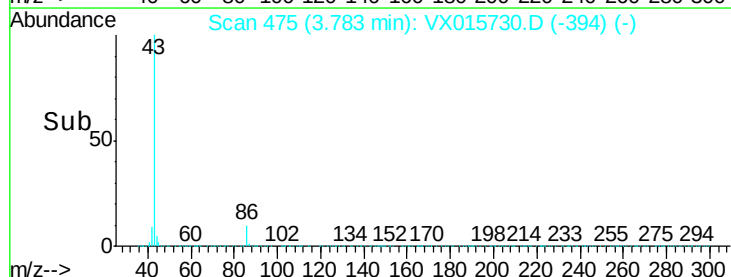
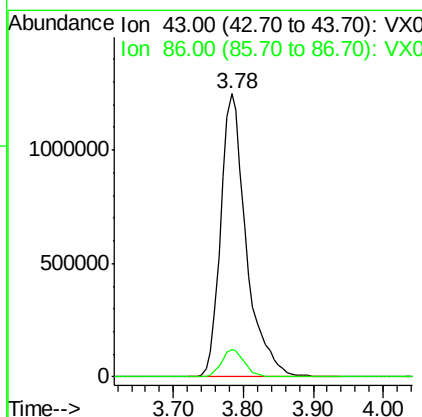
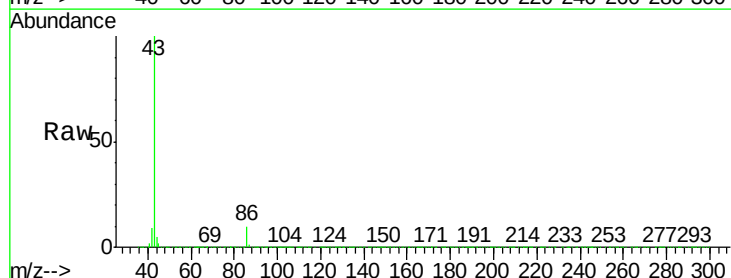
RT: 3.78 min Scan# 475

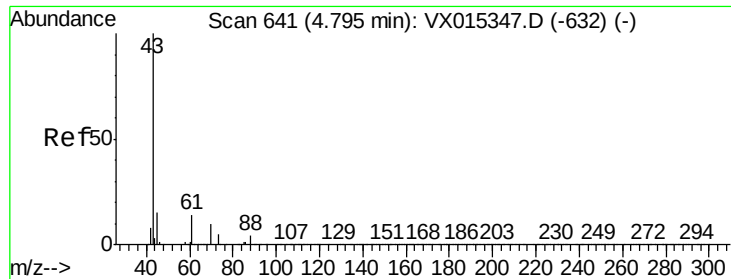
Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	43	Resp:	3168145
Ion Ratio	Lower	Upper	
43	100		
86	8.7	6.9	10.3





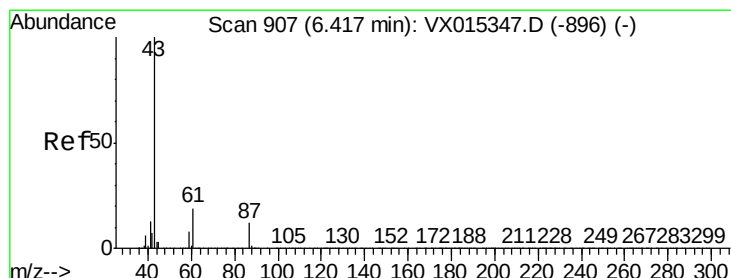
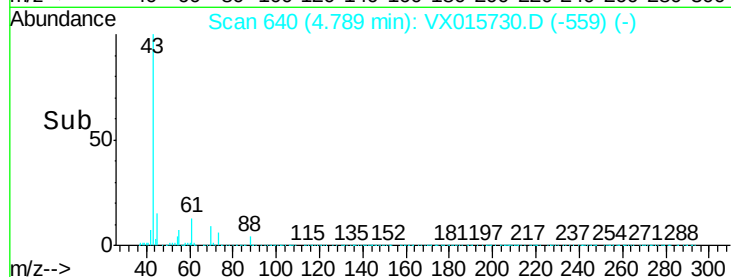
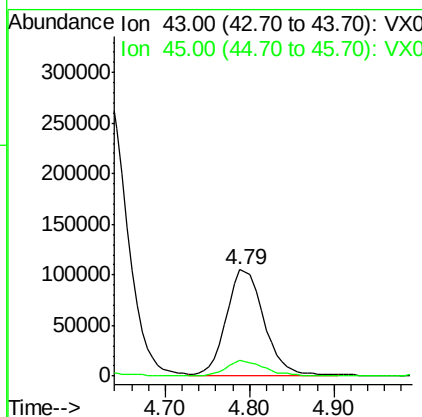
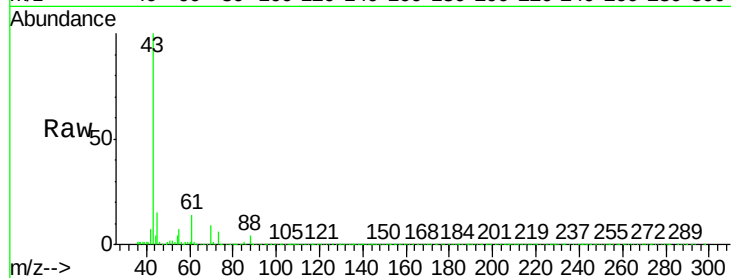
#43
Ethyl Acetate
Concen: 16.246 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.3	12.2	18.4

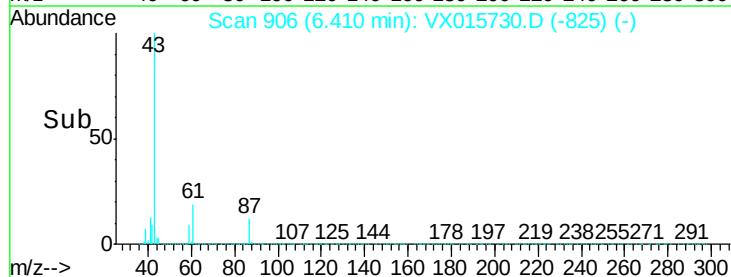
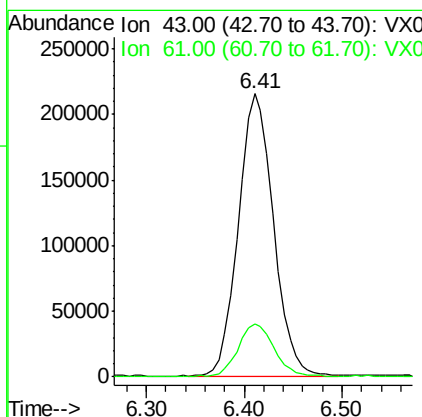
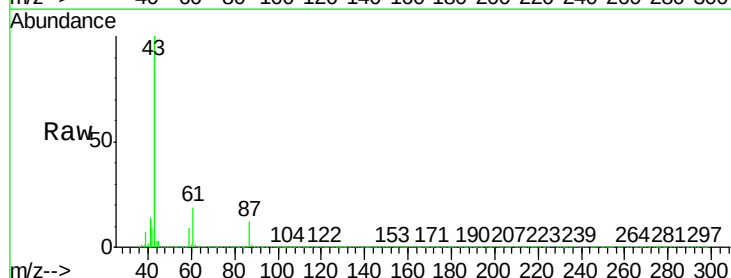
Manual Integrations
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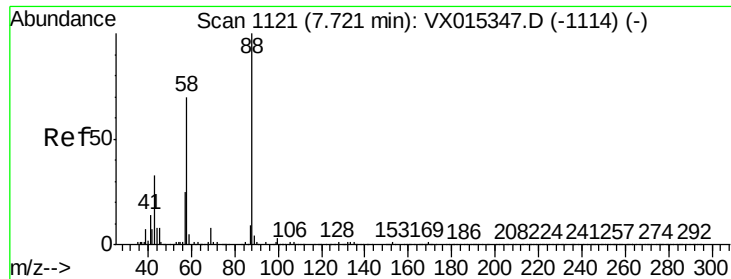
MMDadoda
4/20/2020 10:57:00 AM



#44
Isopropyl Acetate
Concen: 17.183 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.6	22.0





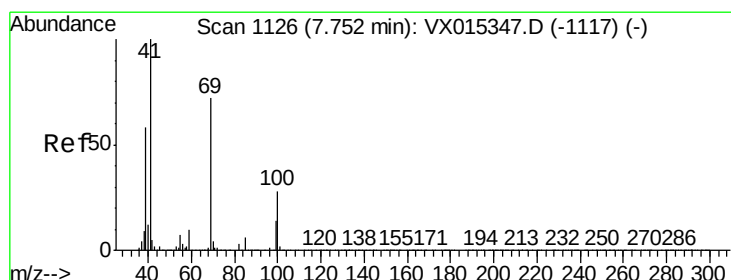
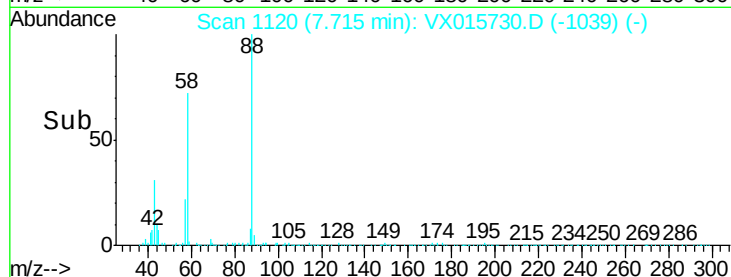
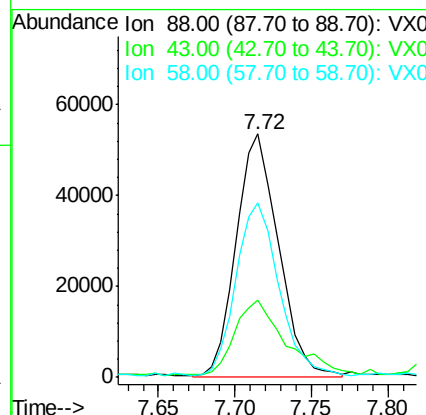
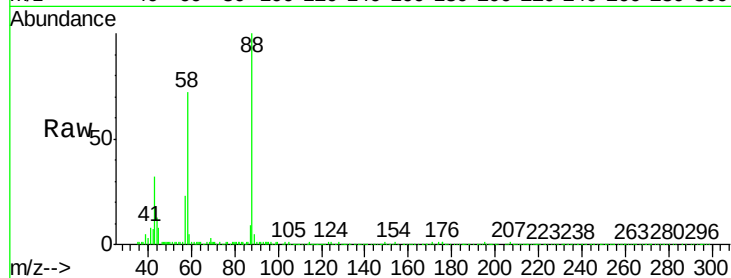
#45
1,4-Dioxane
Concen: 355.807 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	88	Resp	102531
Ion Ratio	Lower	Upper	
88	100		
43	36.9	32.1	48.1
58	73.0	59.4	89.0

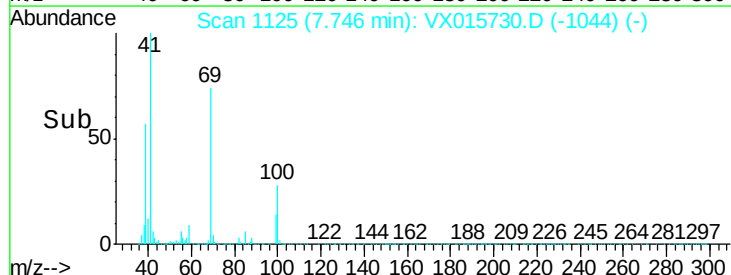
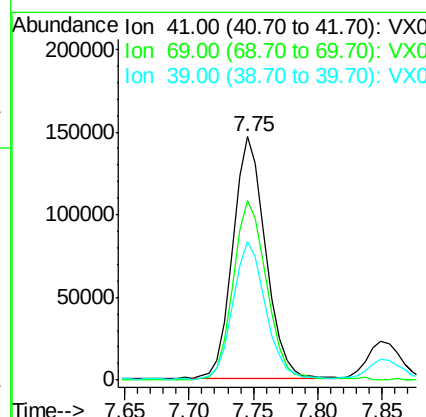
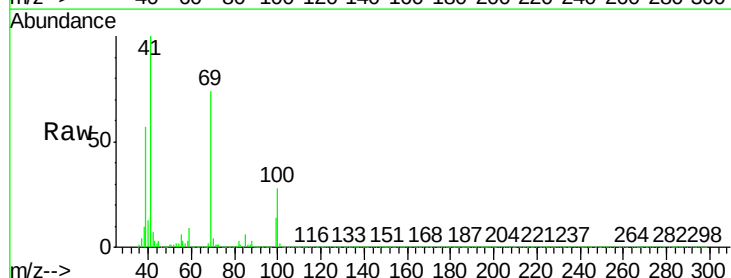
Manual Integrations
APPROVED

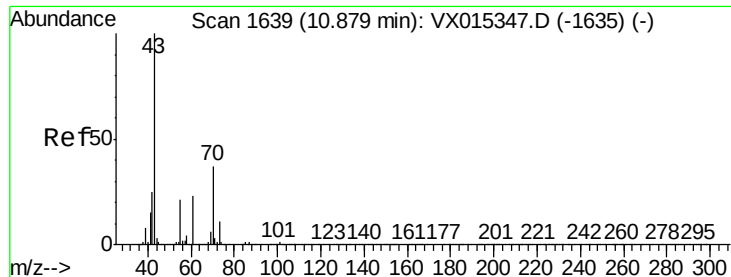
MMDadoda
4/20/2020 10:57:00 AM



#46
Methyl methacrylate
Concen: 16.736 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	41	Resp	261237
Ion Ratio	Lower	Upper	
41	100		
69	74.1	35.8	107.4
39	57.2	28.9	86.8





#47

n-amvl Acetate

Concen: 16.819 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 453633

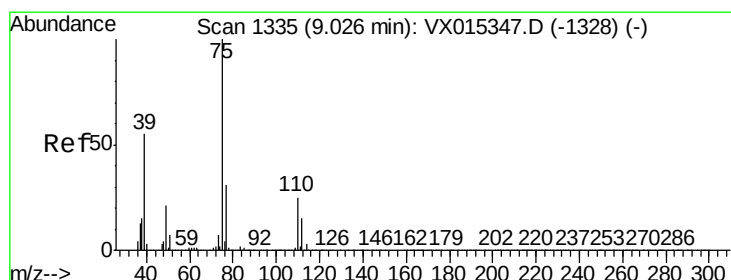
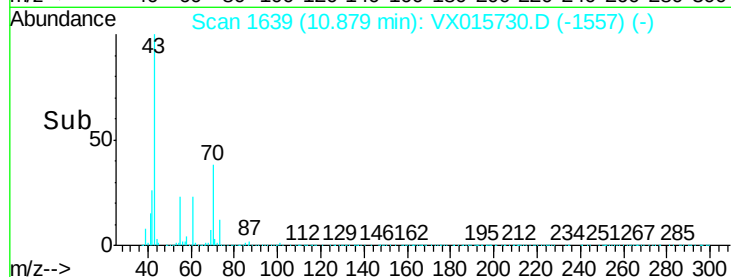
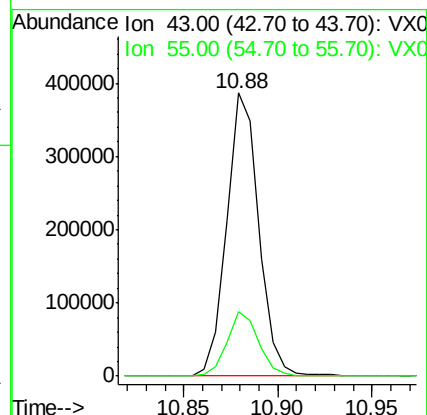
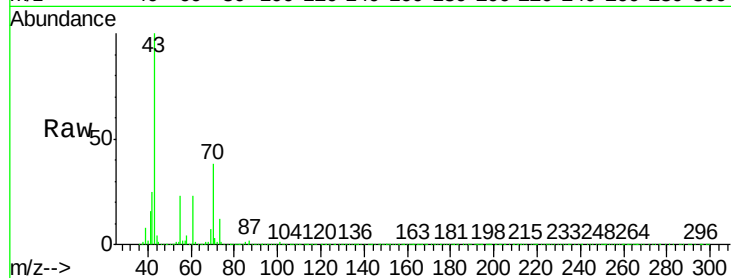
Ion Ratio Lower Upper

43 100

55 22.4 17.0 25.6

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 17.016 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015730.D

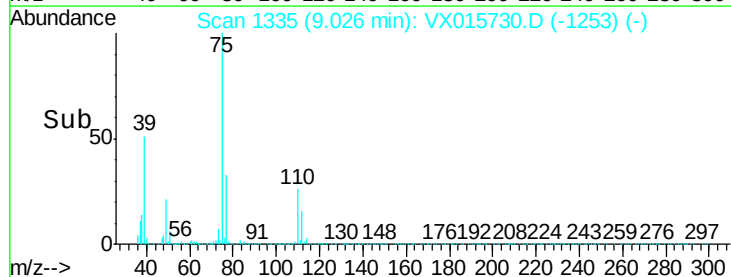
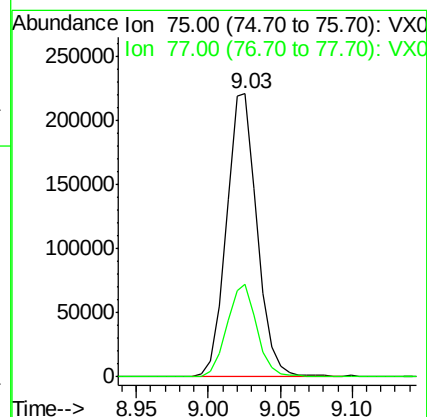
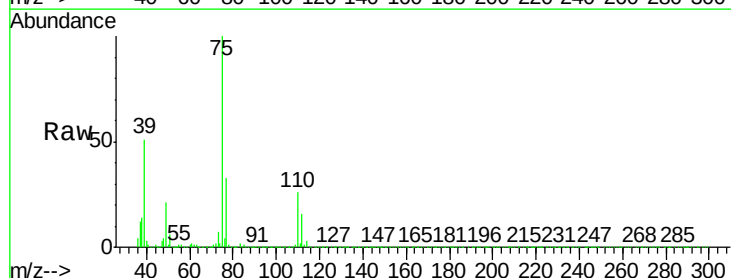
Acq: 17 Apr 2020 11:11

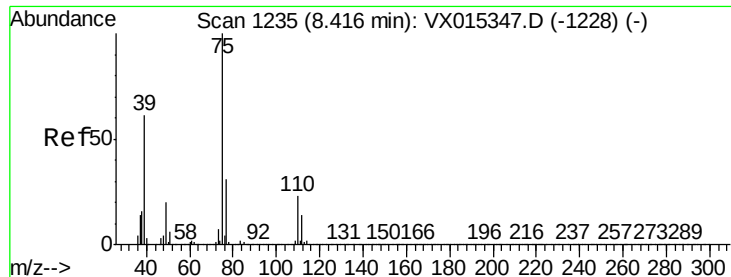
Tgt Ion: 75 Resp: 327899

Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 17.731 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

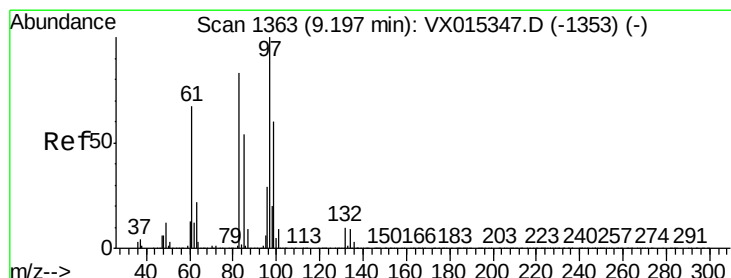
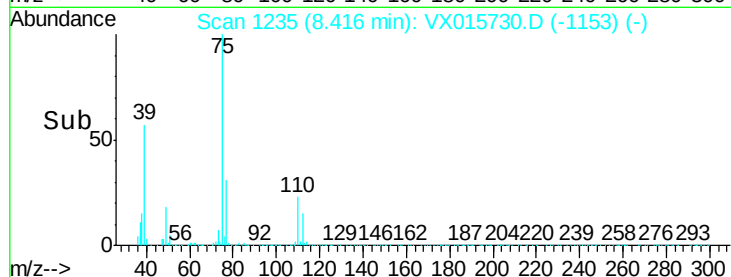
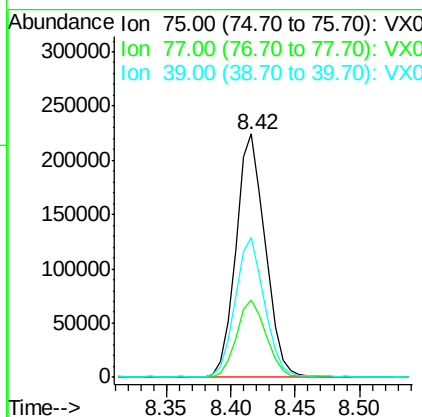
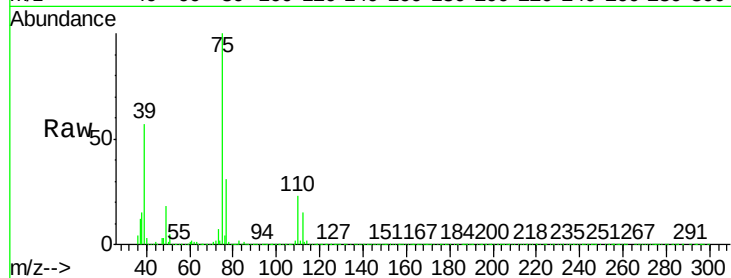
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	352662
Ion Ratio		Lower	Upper
75	100		
77	31.4	24.6	36.8
39	57.0	48.9	73.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.492 ug/l

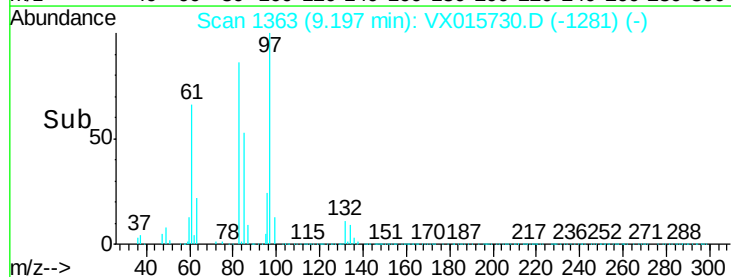
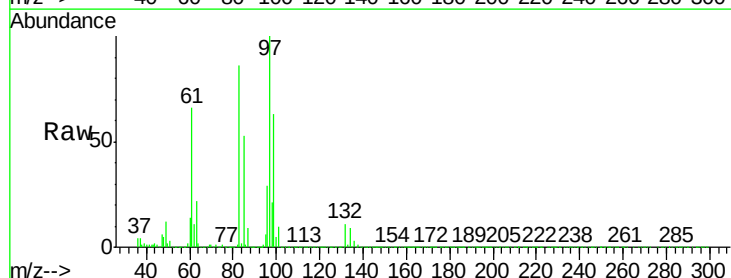
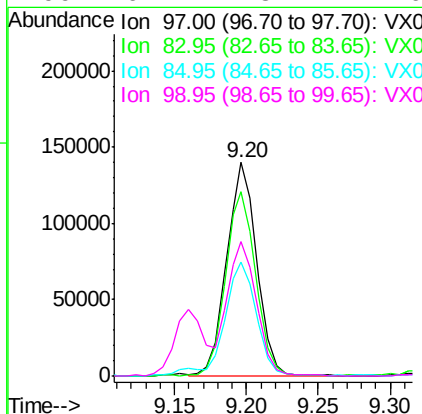
RT: 9.20 min Scan# 1363

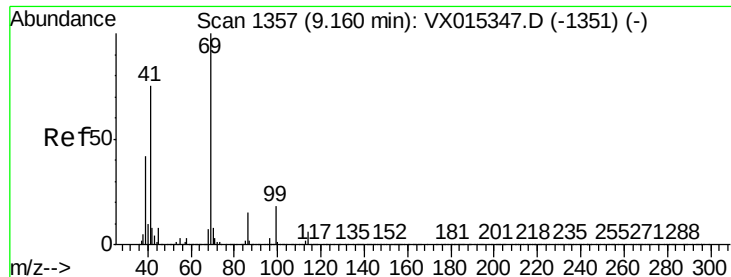
Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	97	Resp:	203830
Ion Ratio		Lower	Upper
97	100		
83	86.5	66.8	100.2
85	53.1	43.3	64.9
99	62.7	48.4	72.6





#51

Ethyl methacrylate

Concen: 17.383 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

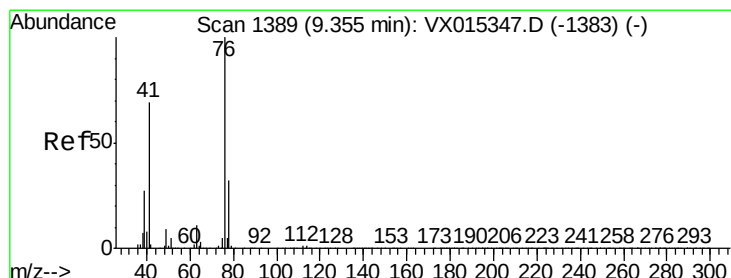
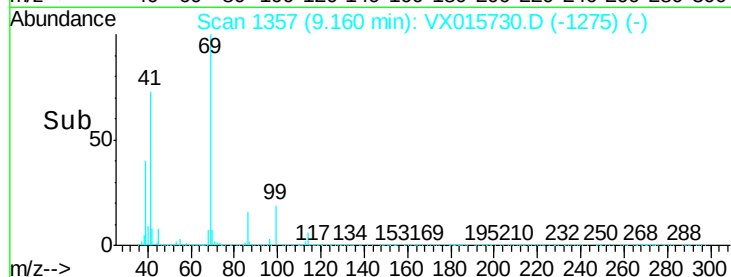
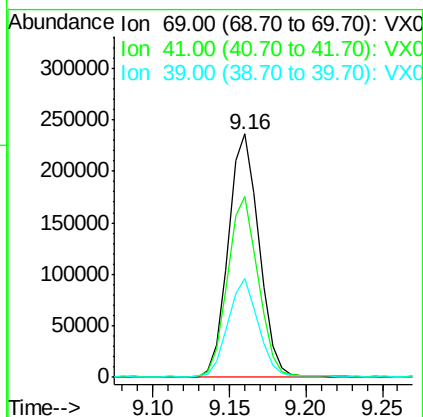
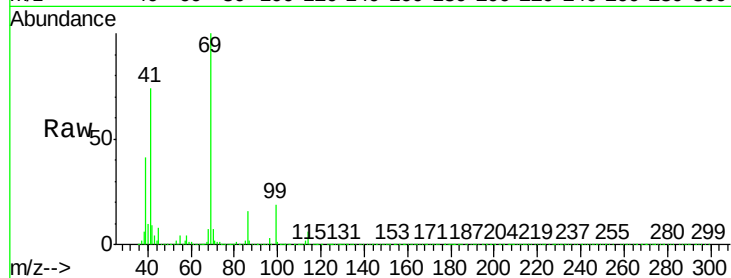
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	329522
Ion Ratio	Lower	Upper	
69	100		
41	74.1	37.4	112.2
39	40.3	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.688 ug/l

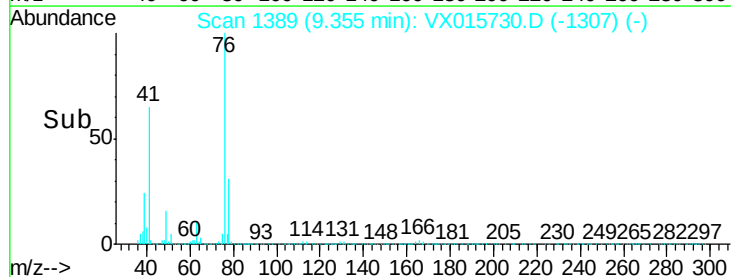
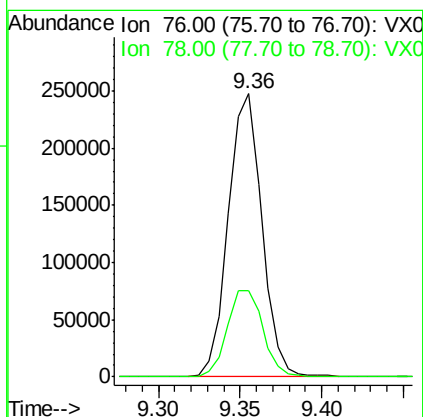
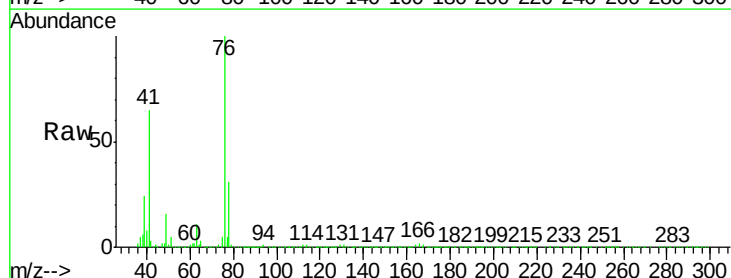
RT: 9.36 min Scan# 1389

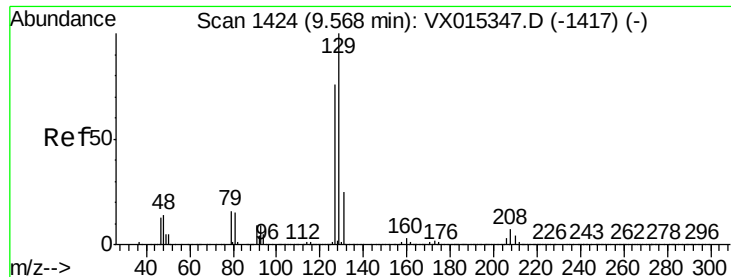
Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	76	Resp:	355782
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	63.2





#53

Dibromochloromethane

Concen: 16.861 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 229093

Ion Ratio Lower Upper

129 100

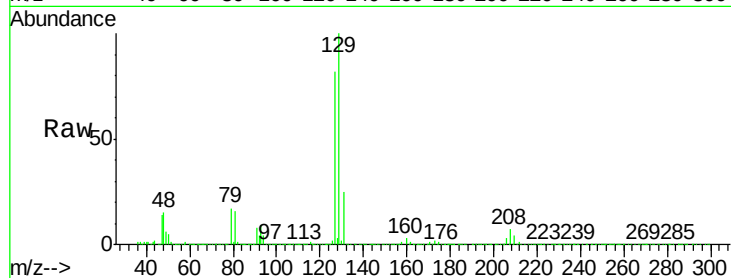
127 77.7 38.6 115.7

Manual Integrations

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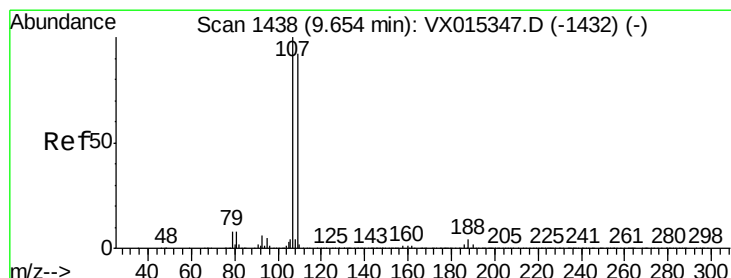
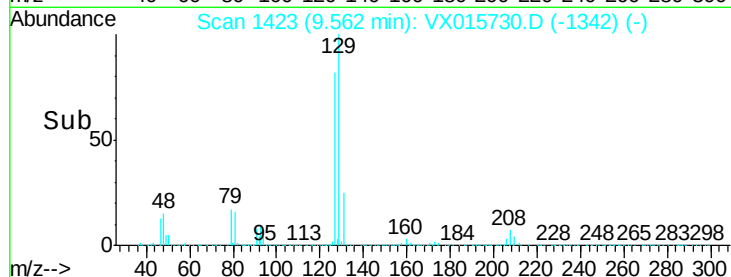
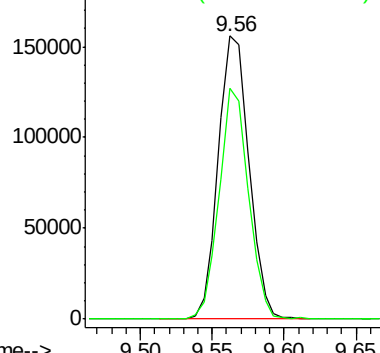
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.213 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015730.D

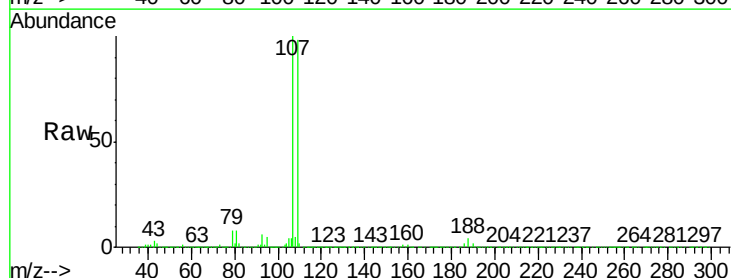
Acq: 17 Apr 2020 11:11

Tgt Ion:107 Resp: 215409

Ion Ratio Lower Upper

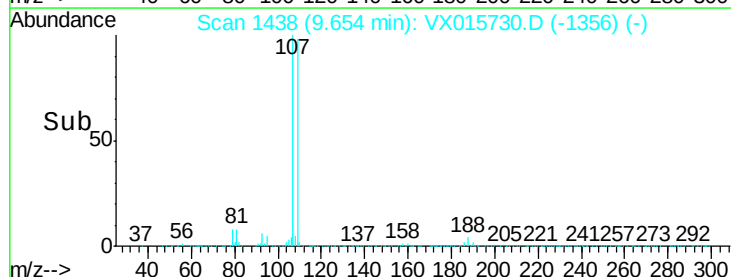
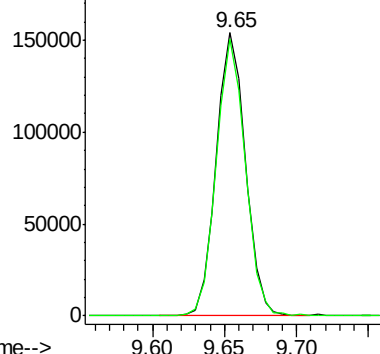
107 100

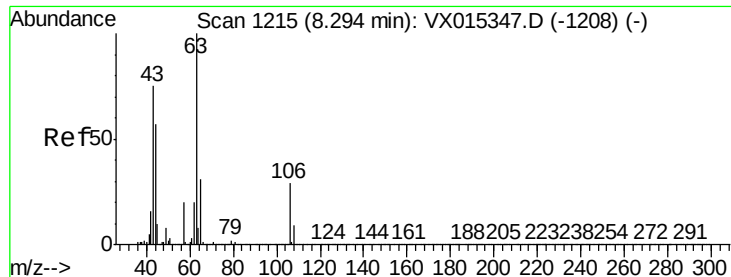
109 96.2 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





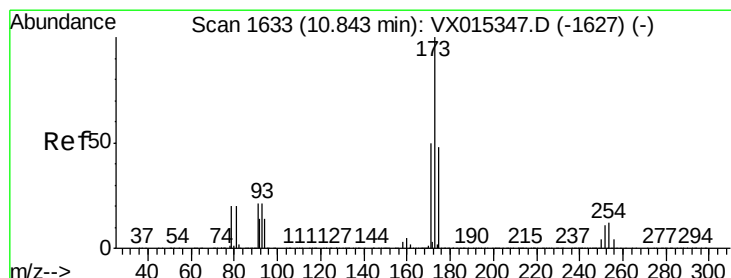
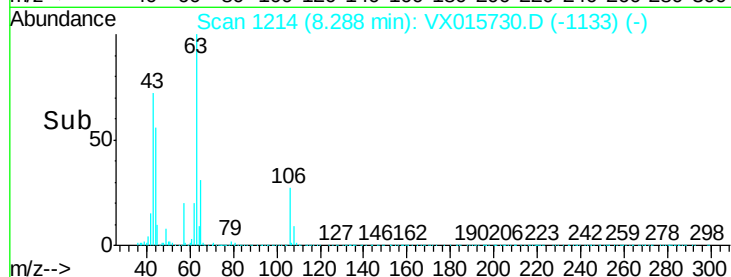
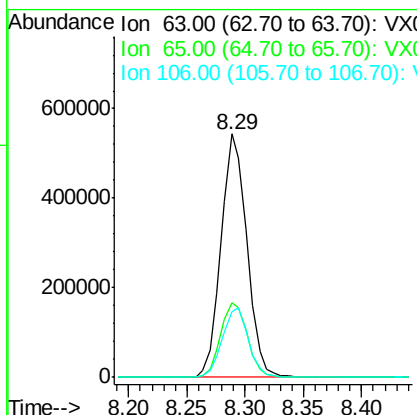
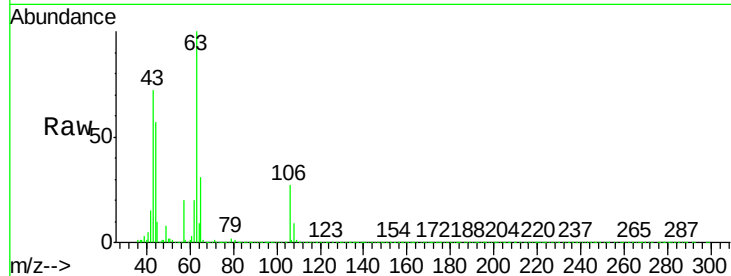
#55
 2-Chloroethyl vinyl ether
 Concen: 92.938 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	63	Resp:	832109
Ion Ratio	Lower	Upper	
63	100		
65	31.7	25.5	38.3
106	28.7	23.1	34.7

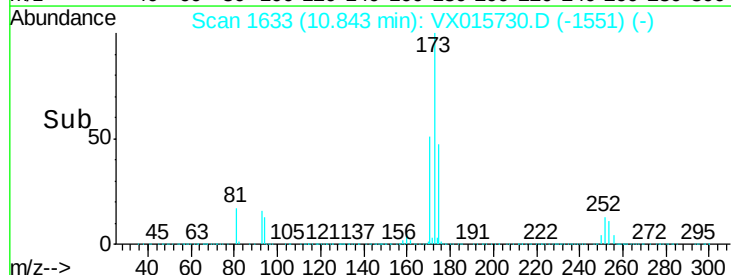
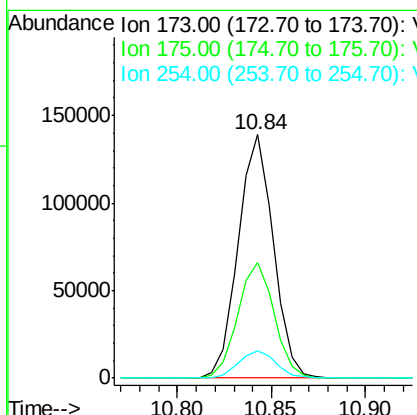
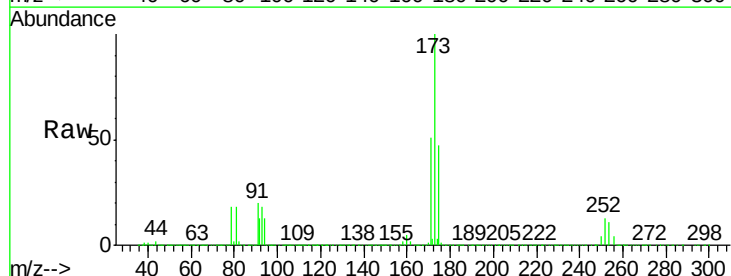
Manual Integrations
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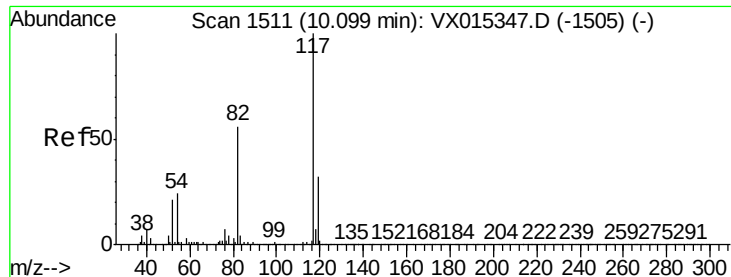
MMDadoda
 4/20/2020 10:57:00 AM



#56
 Bromoform
 Concen: 16.112 ug/l
 RT: 10.84 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion:	173	Resp:	180007
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.0	58.4
254	11.7	9.4	14.2





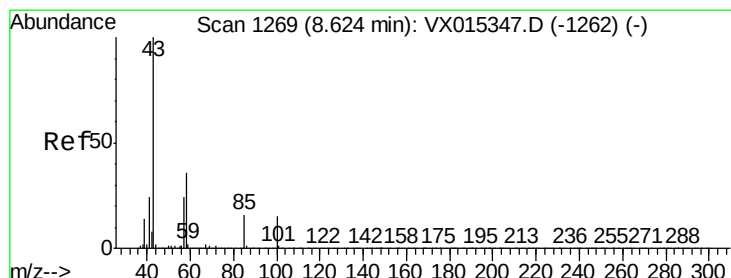
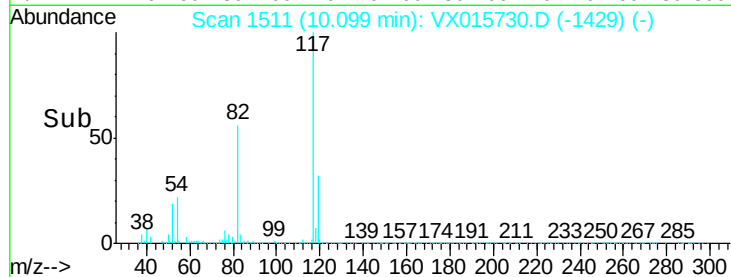
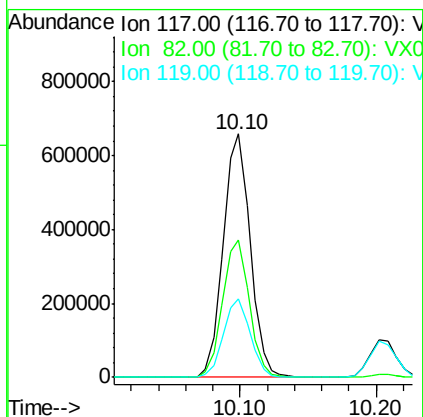
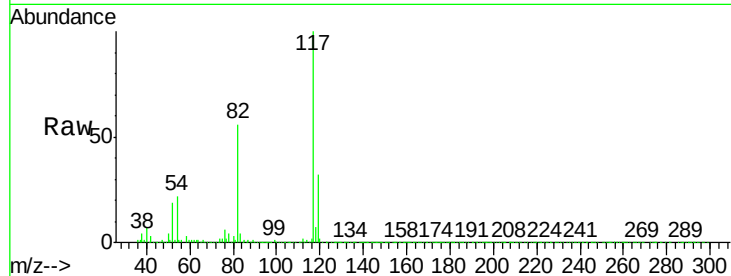
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	908694		
82	55.7	45.0	67.6	
119	32.1	25.5	38.3	

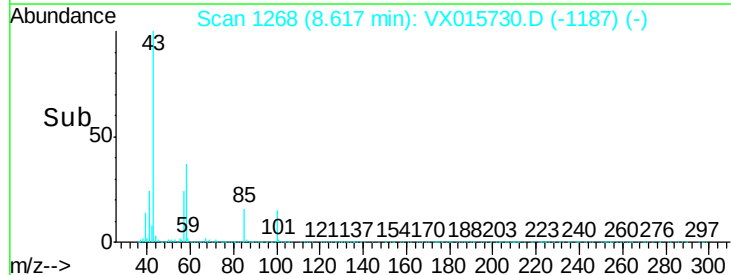
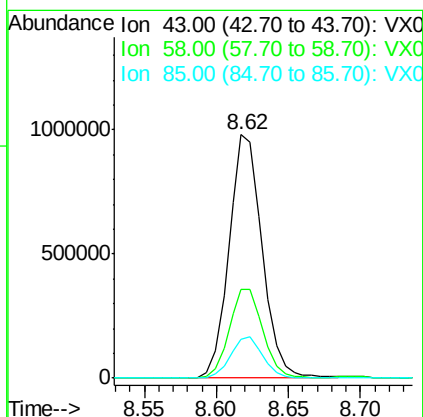
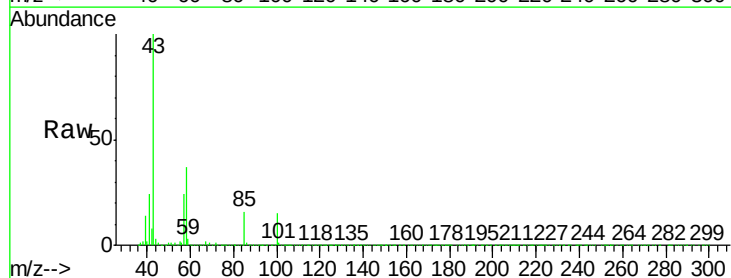
Manual Integrations
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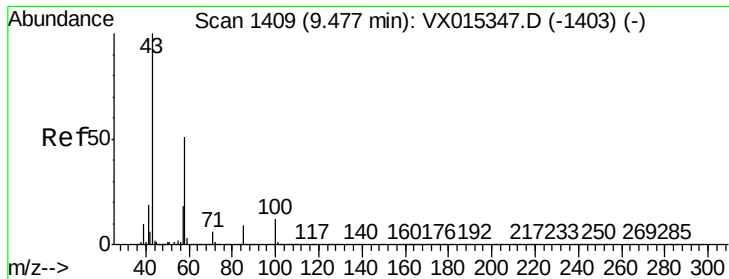
MMDadoda
4/20/2020 10:57:00 AM



#58
4-Methyl-2-Pentanone
Concen: 90.629 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1576157		
58	37.2	29.4	44.0	
85	16.5	13.0	19.4	





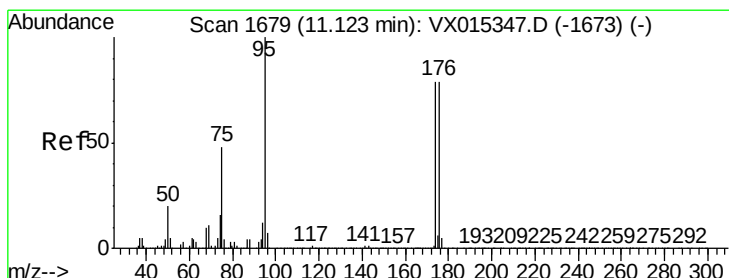
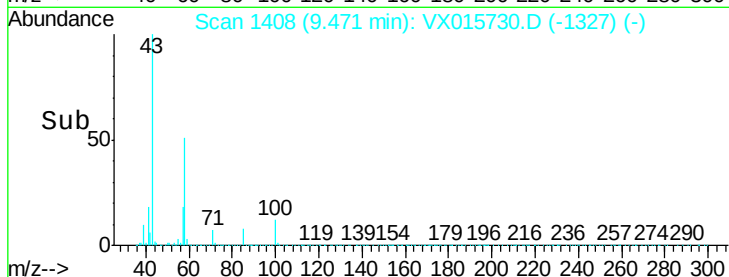
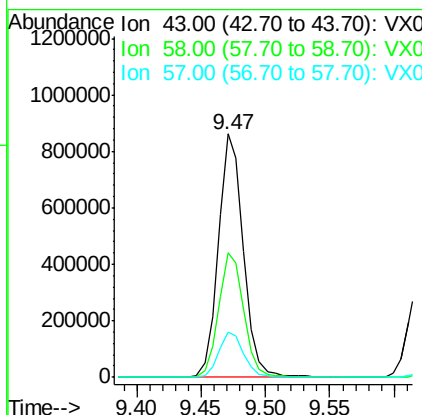
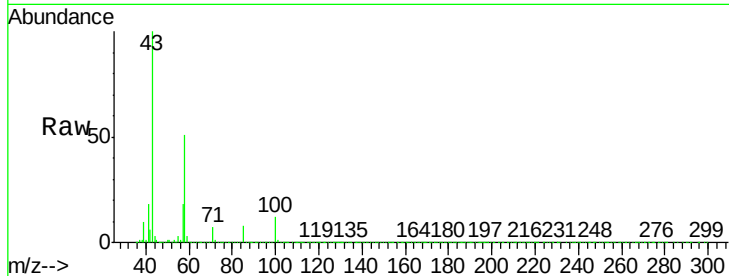
#59
2-Hexanone
Concen: 88.671 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	40.2	60.4
57	18.6	14.6	22.0

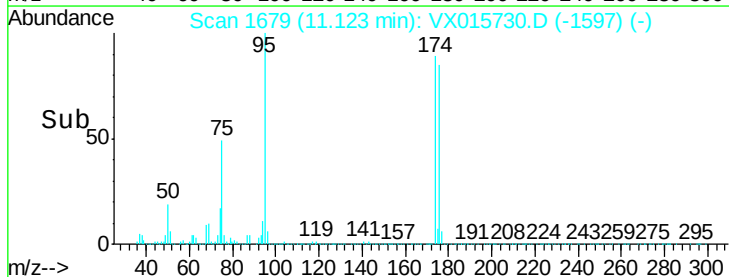
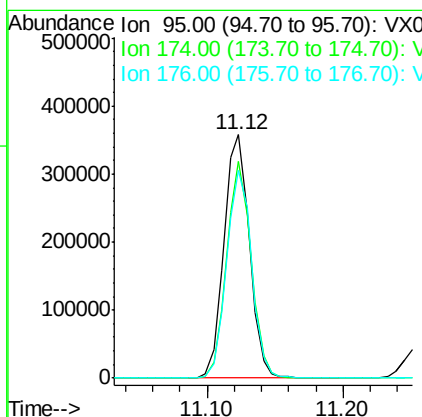
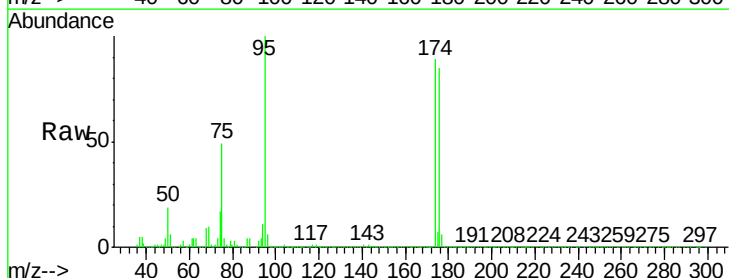
Manual Integrations
APPROVED

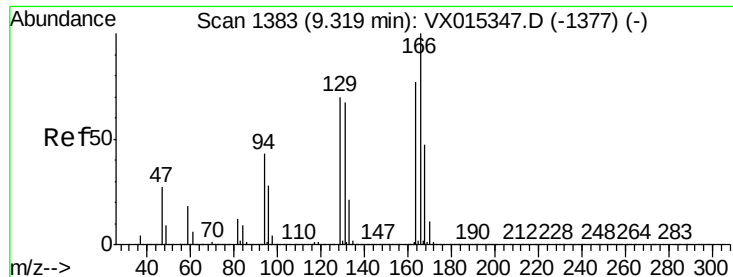
MMDadoda
4/20/2020 10:57:00 AM



#60
4-Bromofluorobenzene
Concen: 29.810 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.9	66.4	99.6
176	83.6	64.1	96.1





#61

Tetrachloroethene

Concen: 19.481 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 227542

Ion Ratio Lower Upper

164 100

166 141.2 103.6 155.4

129 87.3 72.6 108.8

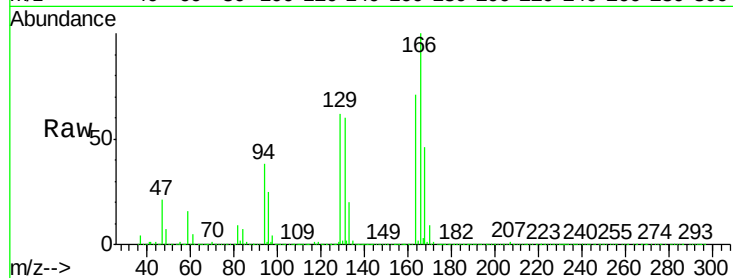
131 84.6 69.8 104.6

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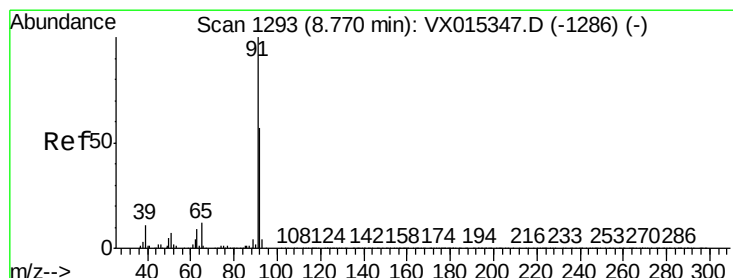
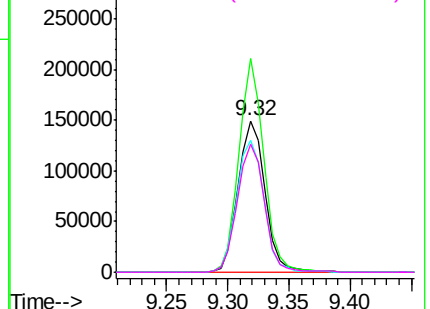
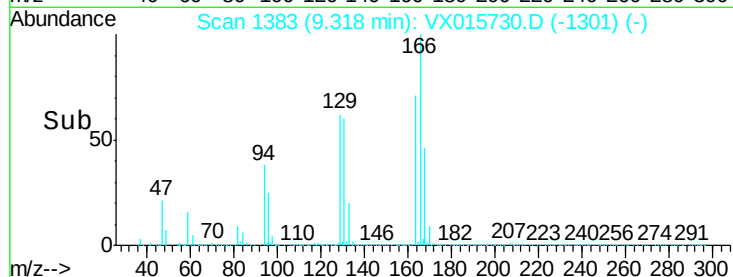


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.159 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015730.D

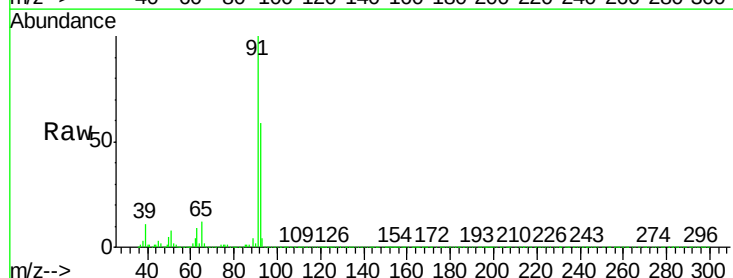
Acq: 17 Apr 2020 11:11

Tgt Ion: 91 Resp: 881794

Ion Ratio Lower Upper

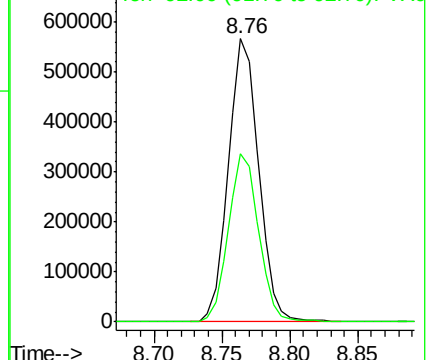
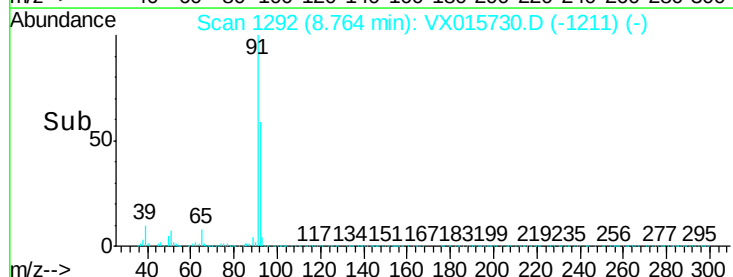
91 100

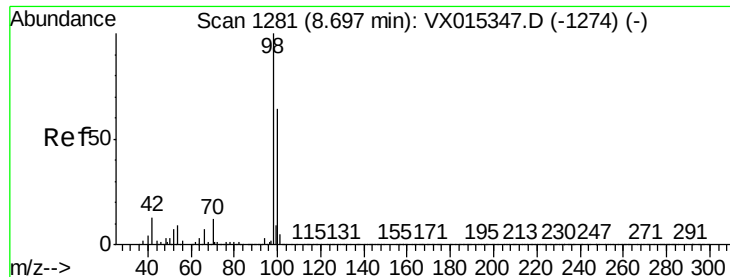
92 59.2 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





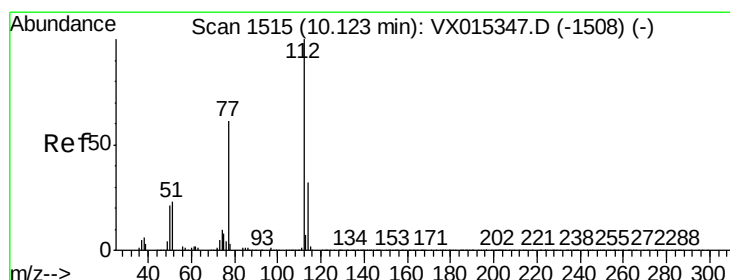
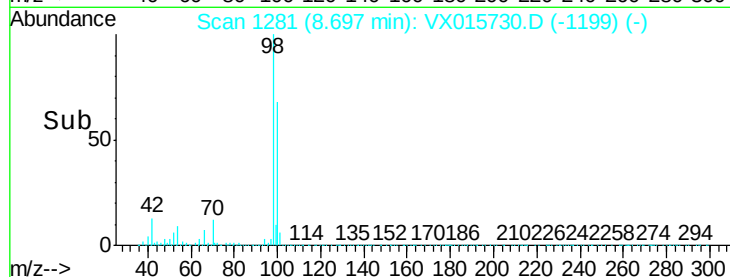
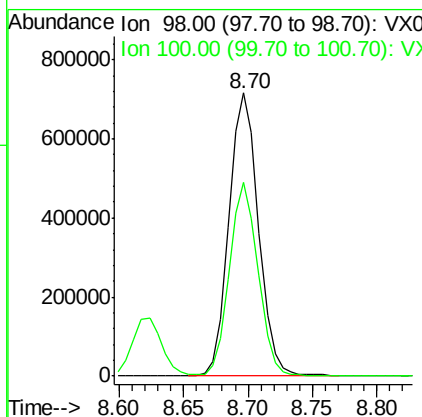
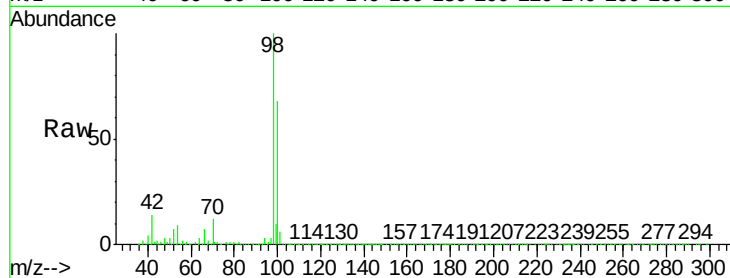
#63
Toluene-d8
Concen: 29.686 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 1146096
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.2

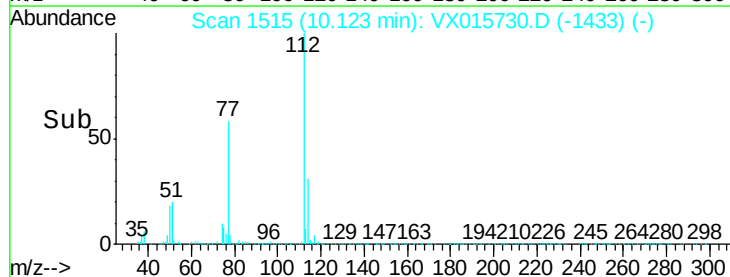
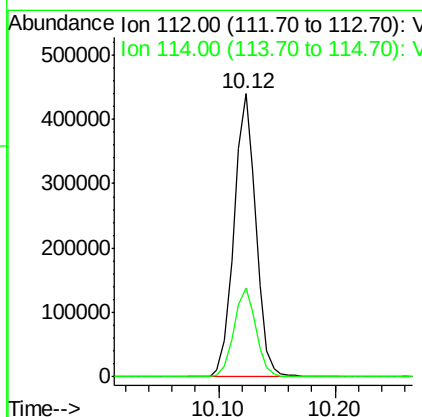
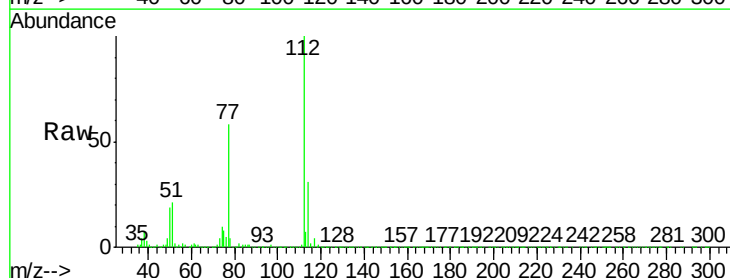
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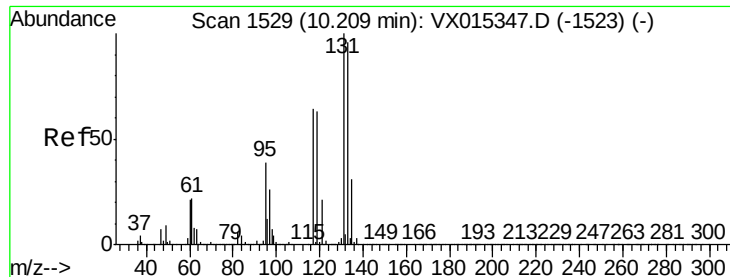
MMDadoda
4/20/2020 10:57:00 AM



#64
Chlorobenzene
Concen: 19.505 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion: 112 Resp: 577183
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8





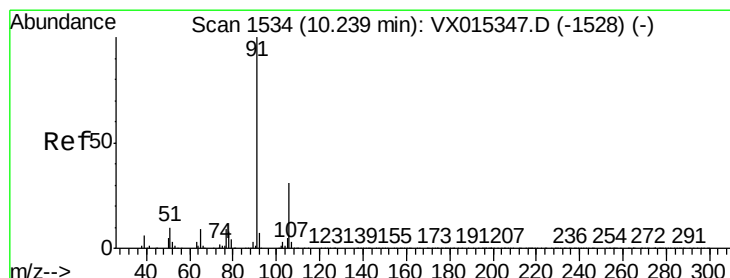
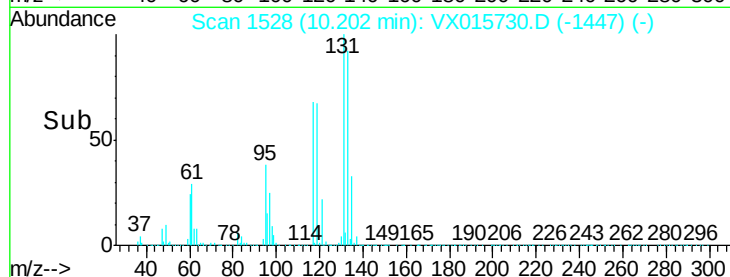
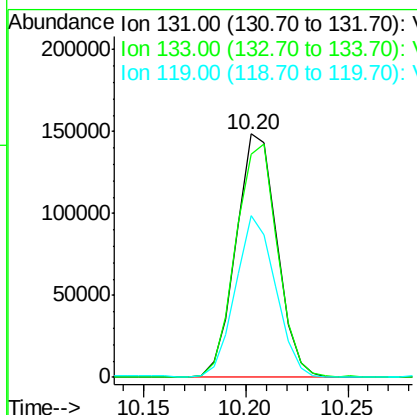
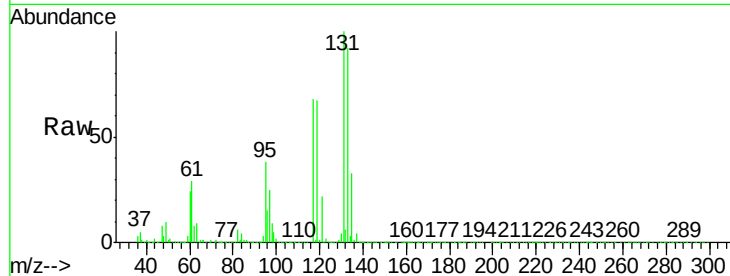
#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.155 ug/l
 RT: 10.20 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	207444		
133	97.4	0.0	193.6	
119	65.1	0.0	128.0	

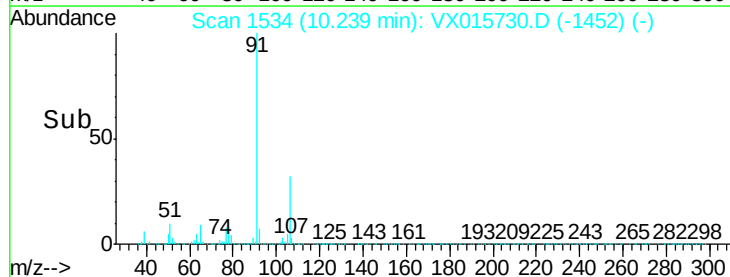
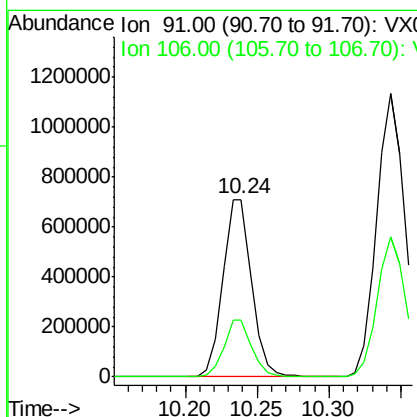
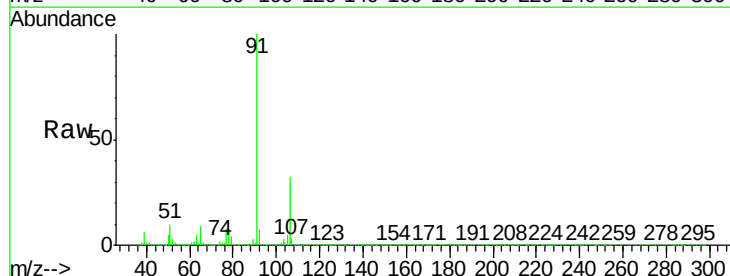
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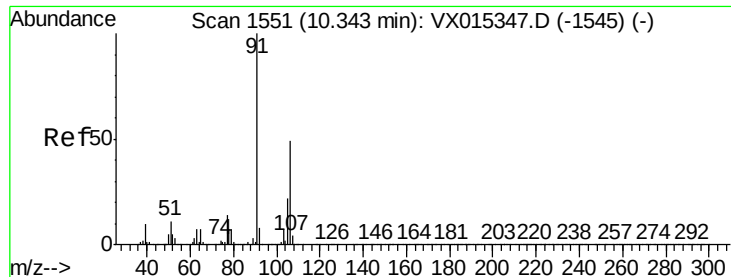
MMDadoda
 4/20/2020 10:57:00 AM



#66
 Ethyl Benzene
 Concen: 18.936 ug/l
 RT: 10.24 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	995685		
106	32.3	25.0	37.6	





#67

m/p-Xylenes

Concen: 38.236 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 760941

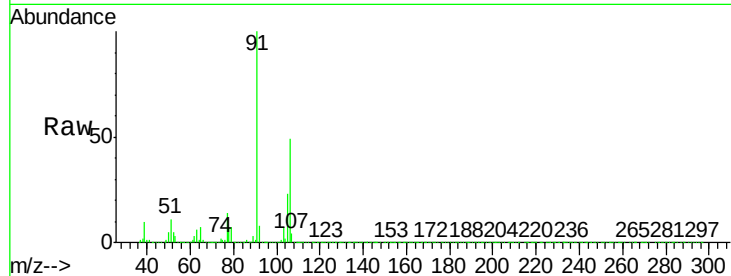
Ion Ratio Lower Upper

106 100

91 202.0 165.0 247.4

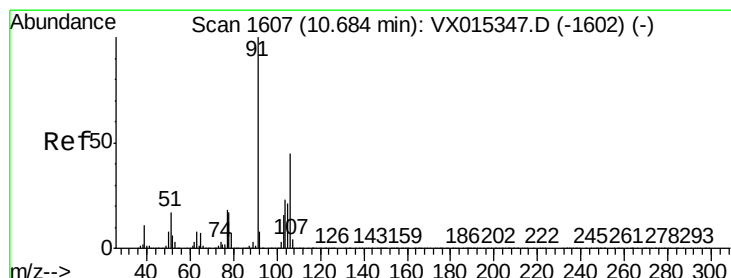
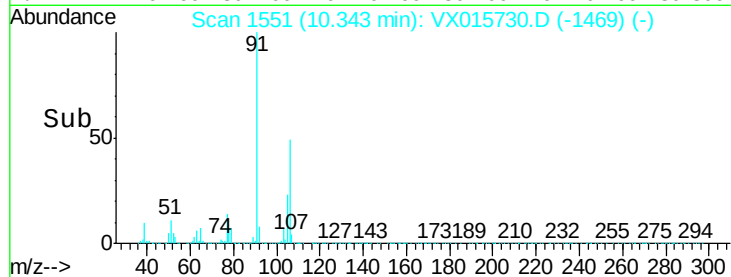
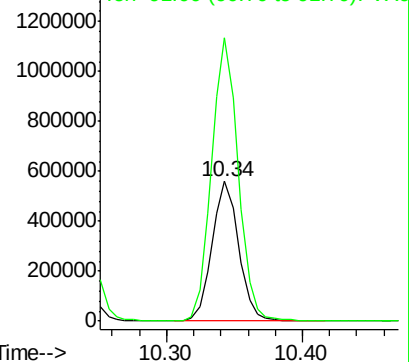
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.819 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015730.D

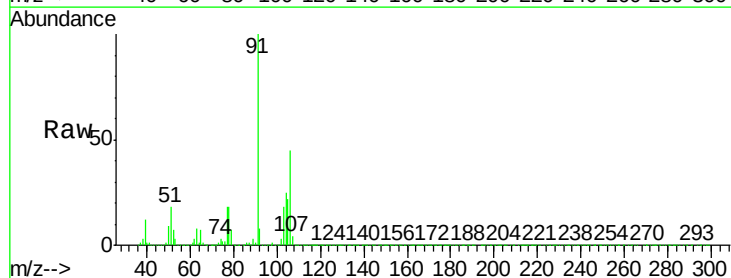
Acq: 17 Apr 2020 11:11

Tgt Ion:106 Resp: 366080

Ion Ratio Lower Upper

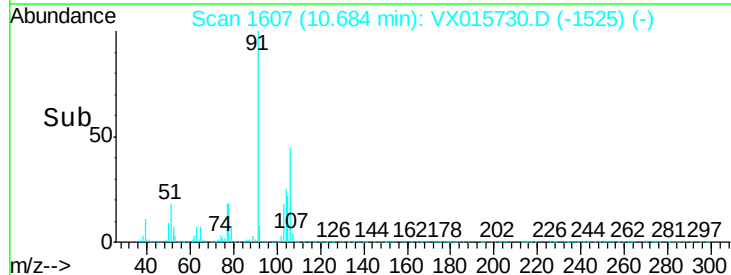
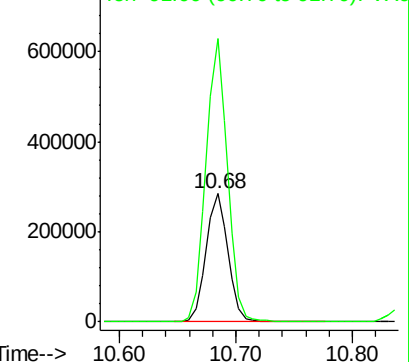
106 100

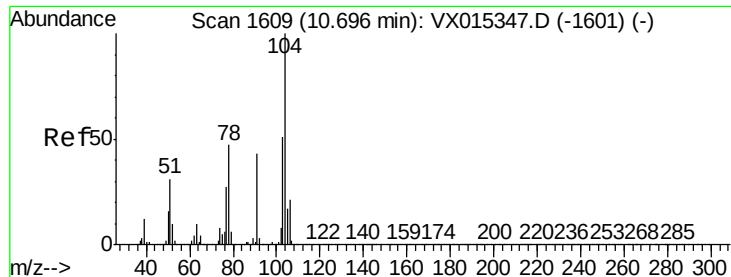
91 217.3 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





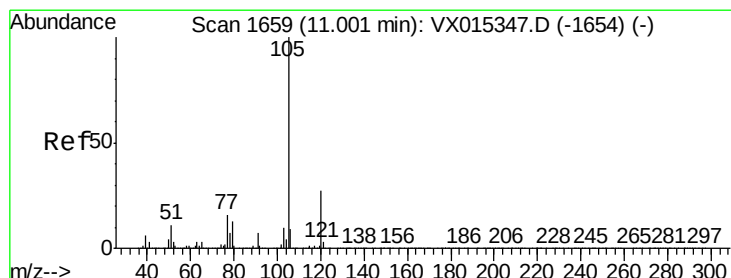
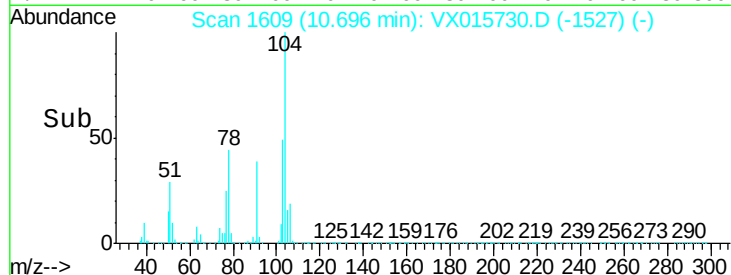
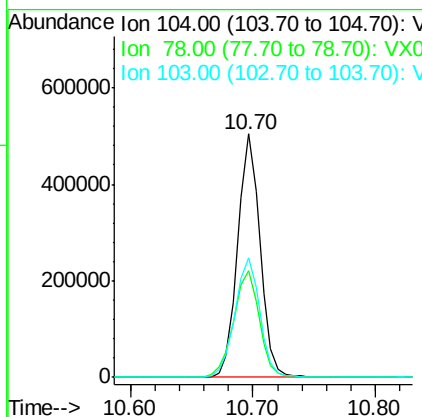
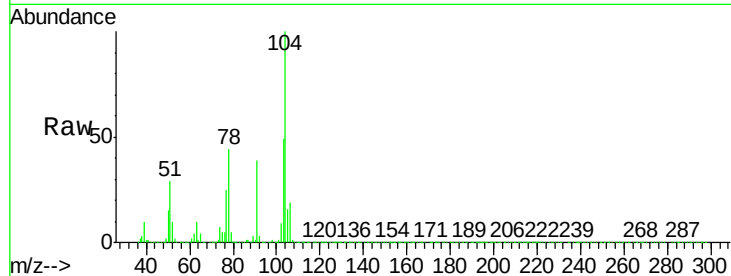
#69
Stvrene
Concen: 18.817 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	637726		
78	49.8		41.5	62.3
103	54.3		43.4	65.2

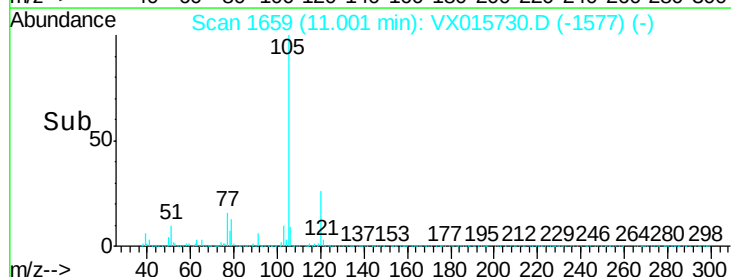
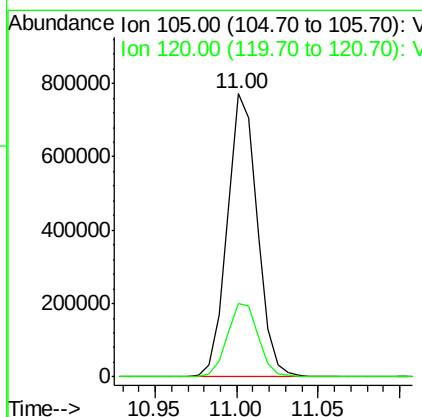
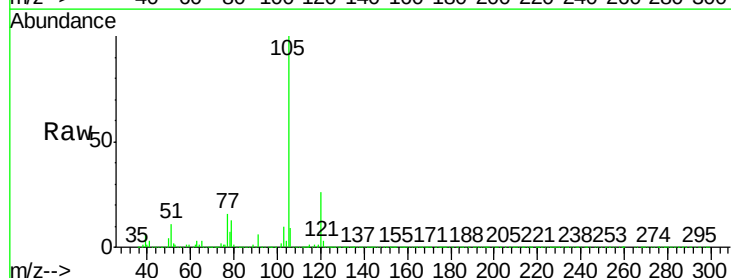
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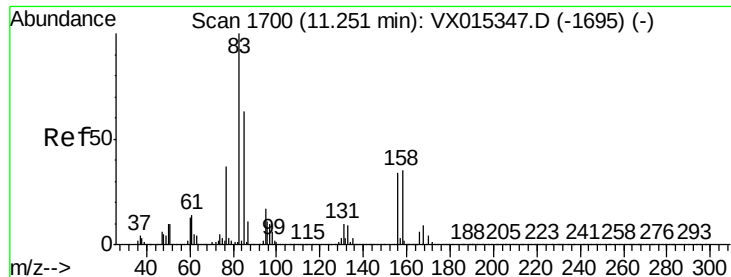
MMDadoda
4/20/2020 10:57:00 AM



#70
Isopropylbenzene
Concen: 19.103 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	985106		
120	26.8		18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.150 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

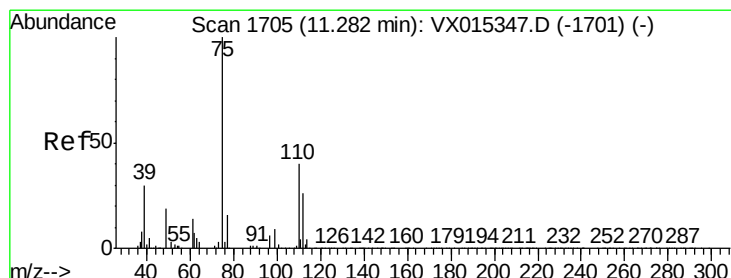
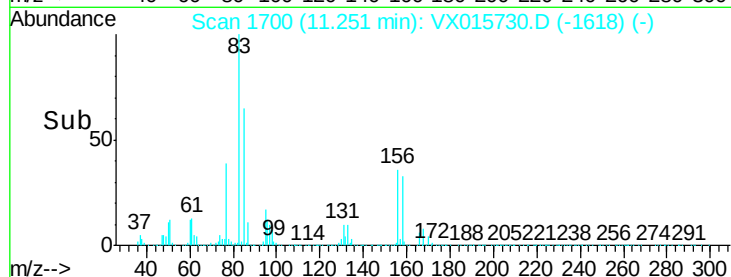
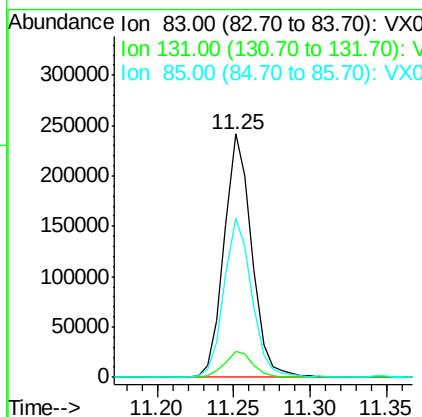
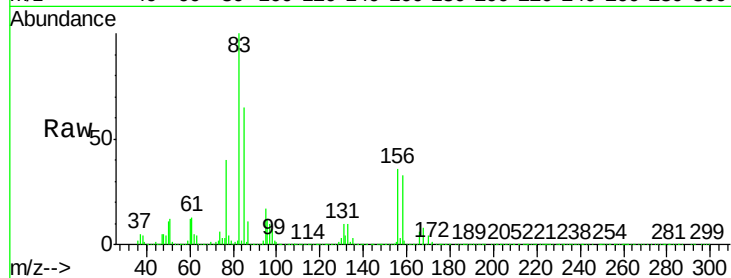
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	303354
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.9
85	65.5	32.0	96.2

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#72

1,2,3-Trichloropropane

Concen: 17.988 ug/l m

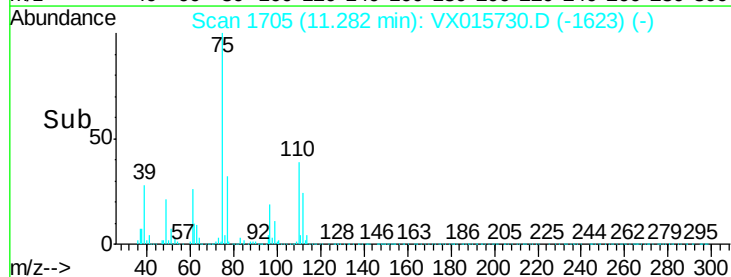
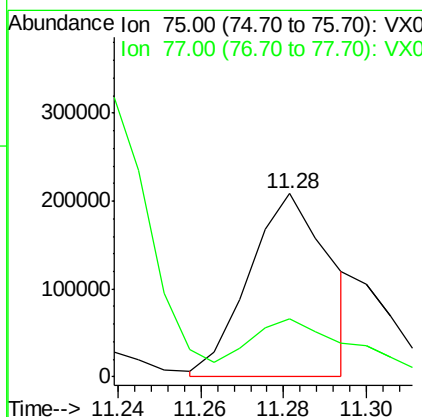
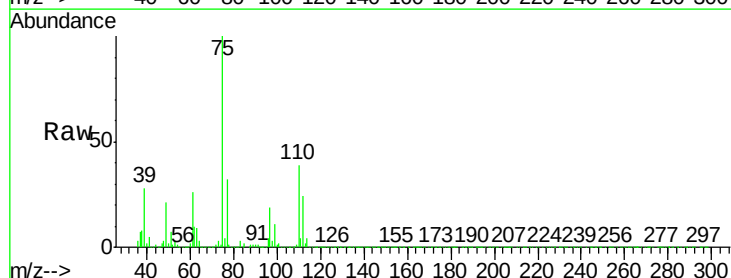
RT: 11.28 min Scan# 1705

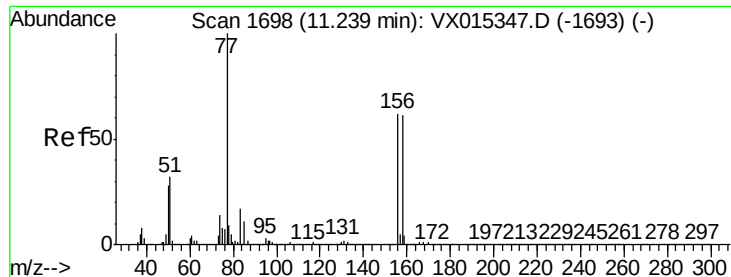
Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	75	Resp:	281311
Ion Ratio	Lower	Upper	
75	100		
77	41.0	0.0	80.0





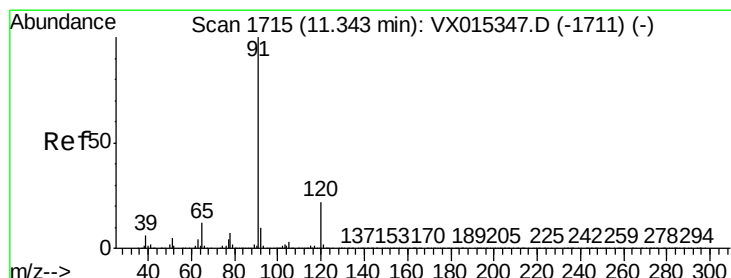
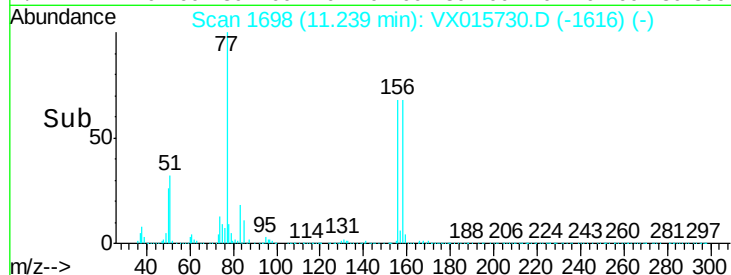
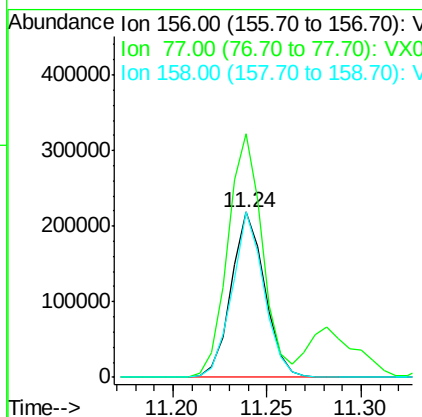
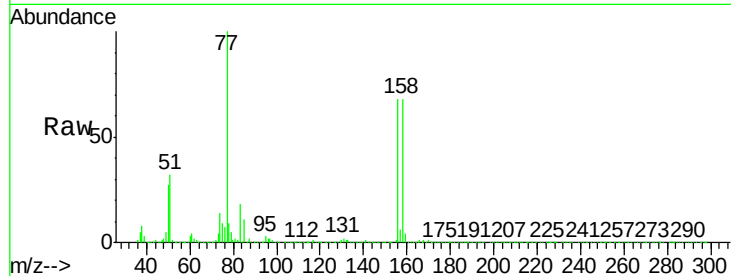
#73
Bromobenzene
Concen: 19.437 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.1	0.0	324.4
158	95.7	0.0	200.0

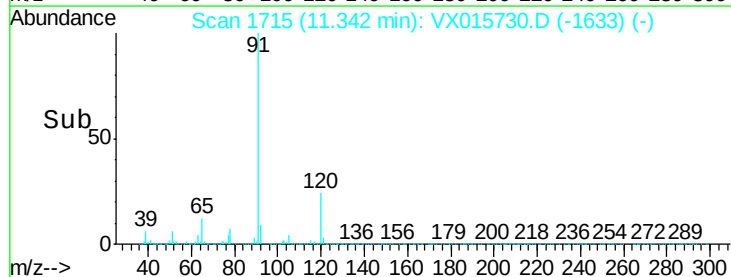
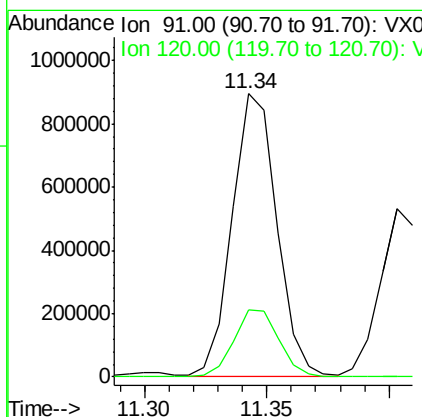
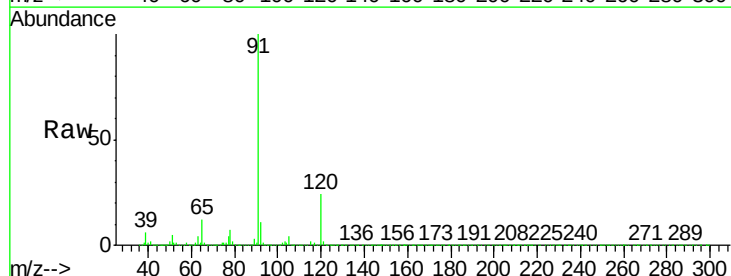
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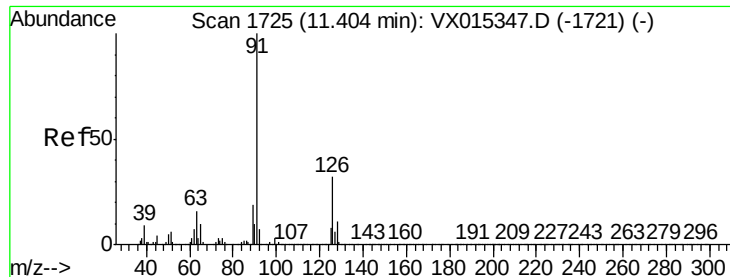
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#74
n-propylbenzene
Concen: 19.198 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	0.0	46.2





#75

2-Chlorotoluene

Concen: 18.979 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 682743

Ion Ratio Lower Upper

91 100

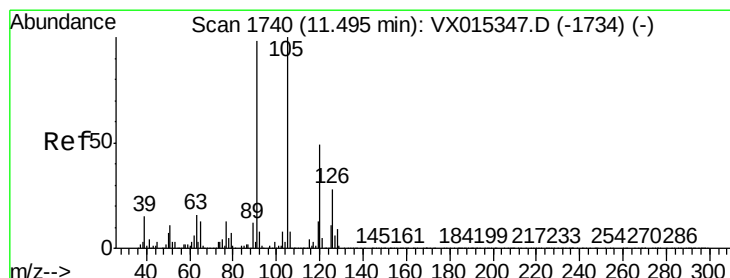
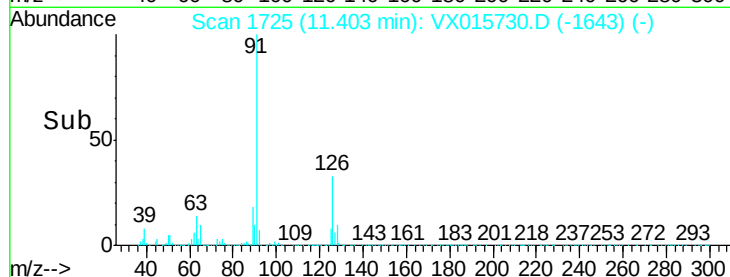
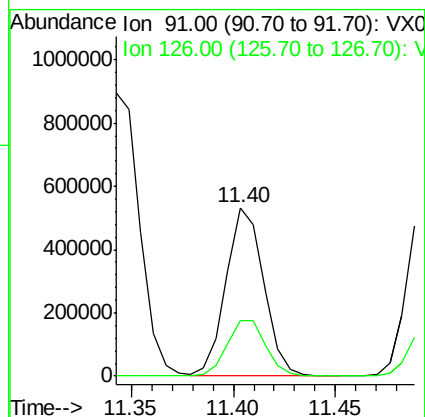
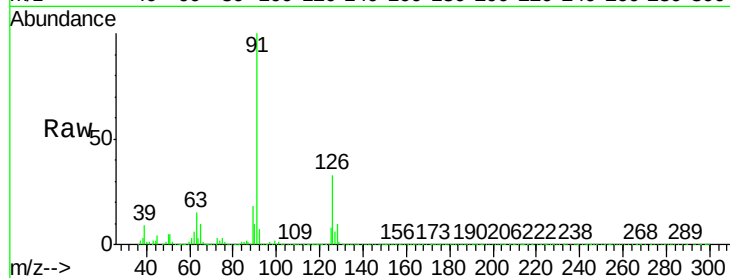
126 33.8 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.071 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015730.D

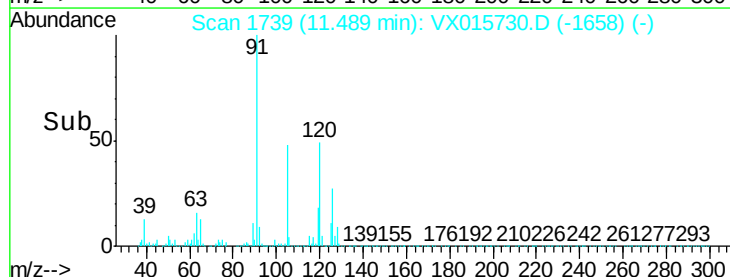
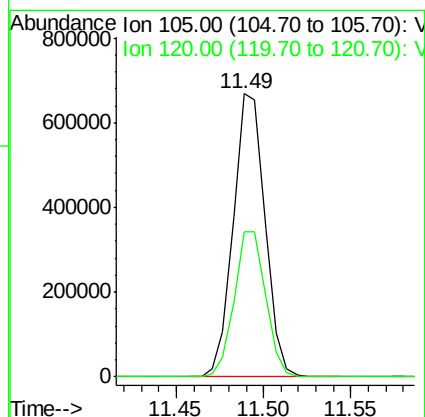
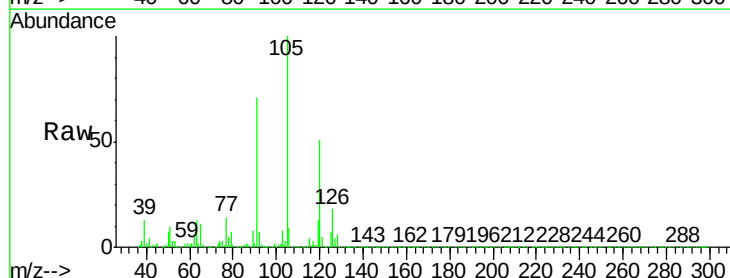
Acq: 17 Apr 2020 11:11

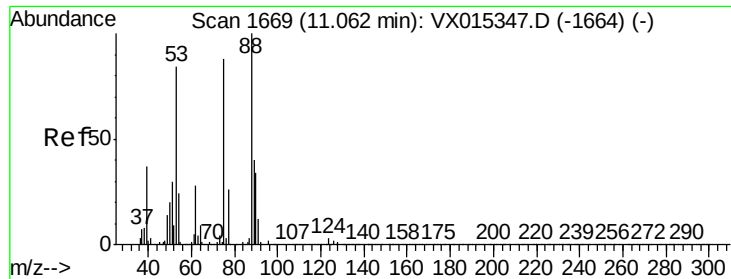
Tgt Ion: 105 Resp: 844542

Ion Ratio Lower Upper

105 100

120 51.0 0.0 98.0





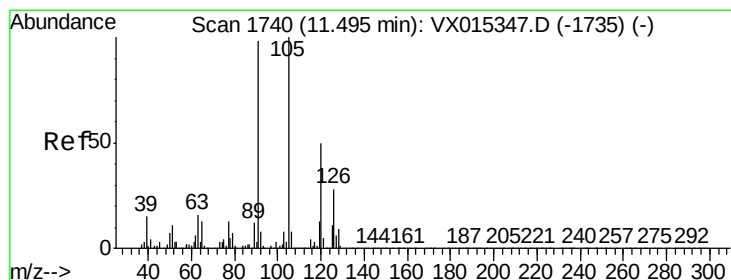
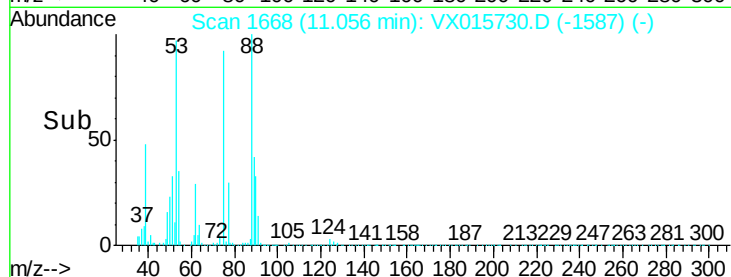
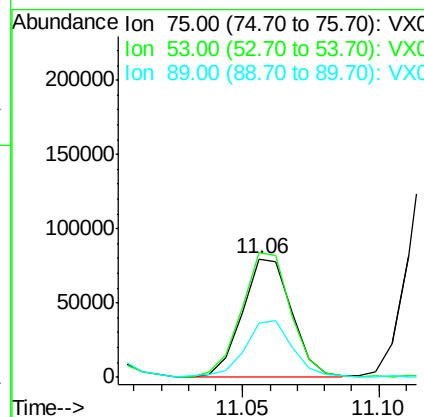
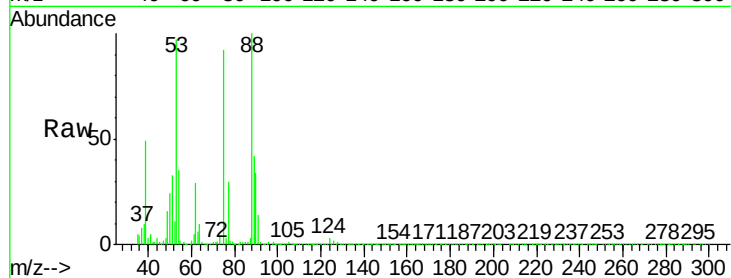
#77
t-1,4-Dichloro-2-butene
Concen: 14.901 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.5	47.5	142.6
89	45.0	22.8	68.3

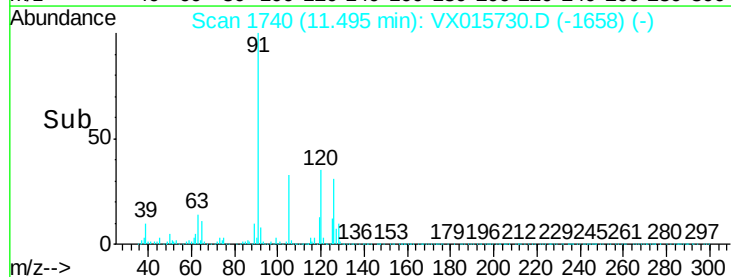
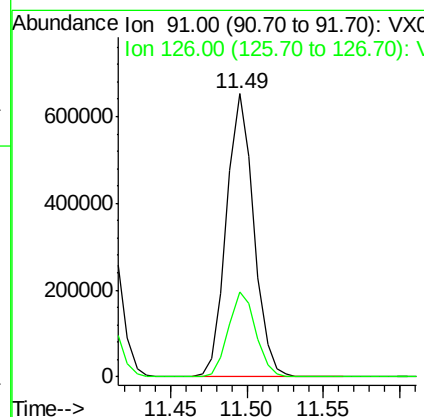
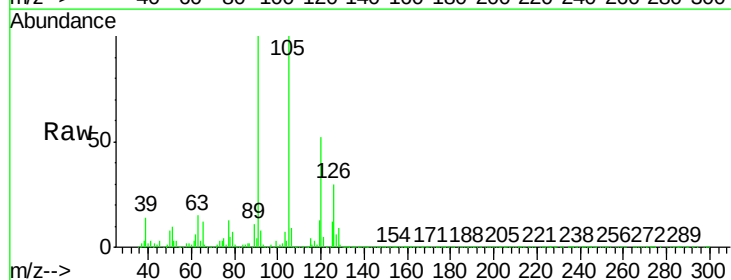
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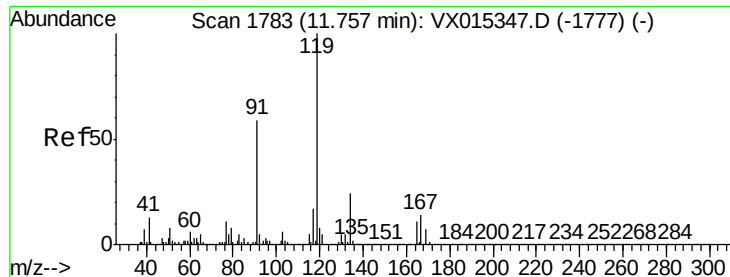
MMDadoda
4/20/2020 10:57:00 AM



#78
4-Chlorotoluene
Concen: 19.422 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	57.8





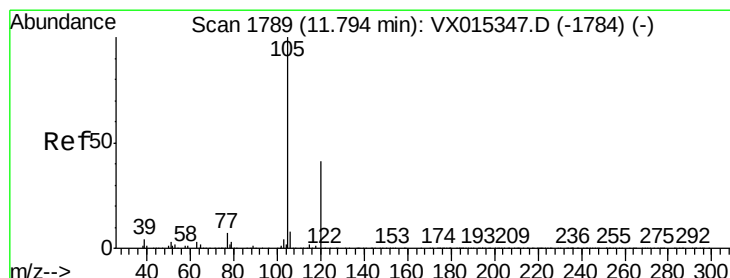
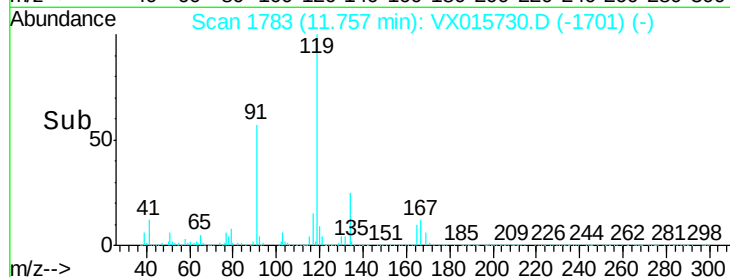
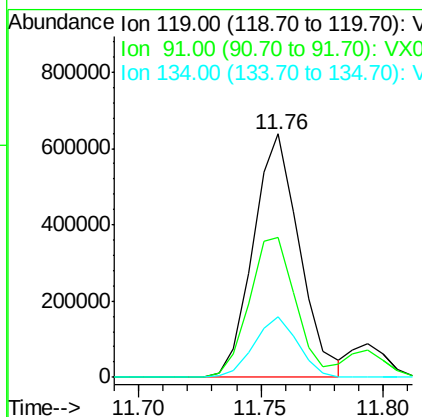
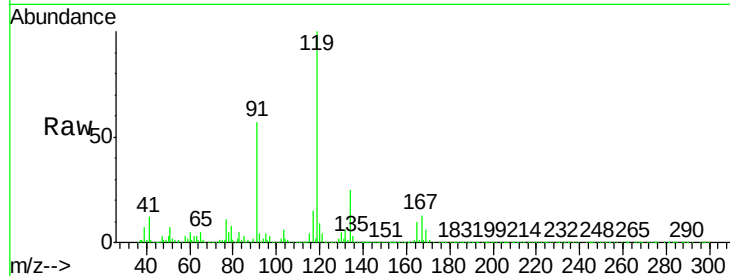
#79
tert-butylbenzene
Concen: 18.900 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	836521		
91	57.4	0.0	115.8	
134	23.4	0.0	47.0	

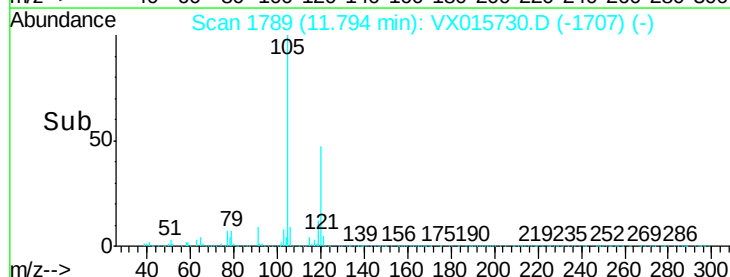
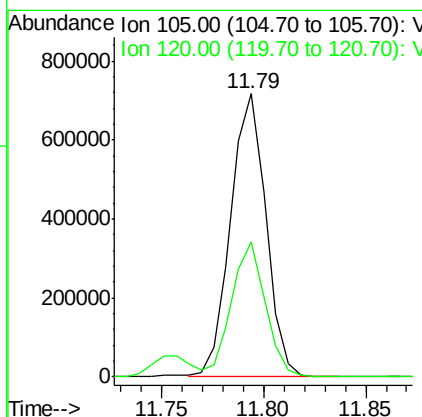
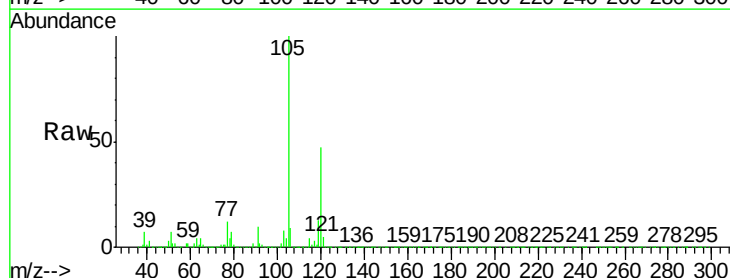
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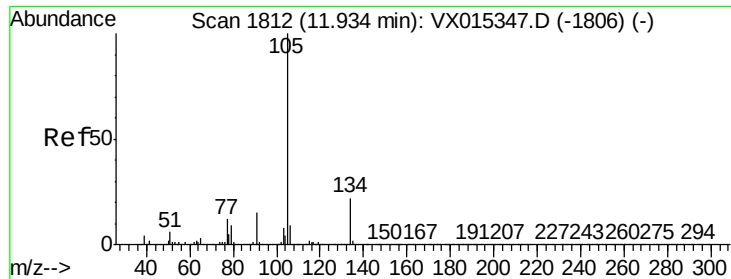
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#80
1,2,4-Trimethylbenzene
Concen: 19.135 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	858426		
120	45.9	0.0	91.0	





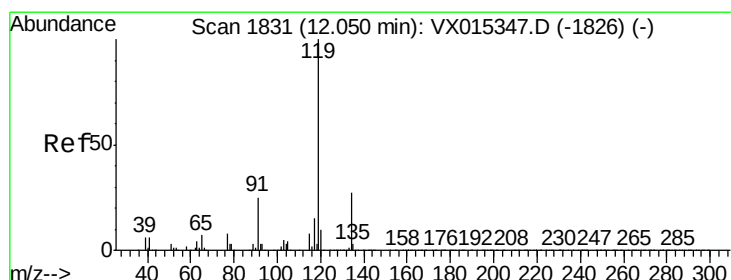
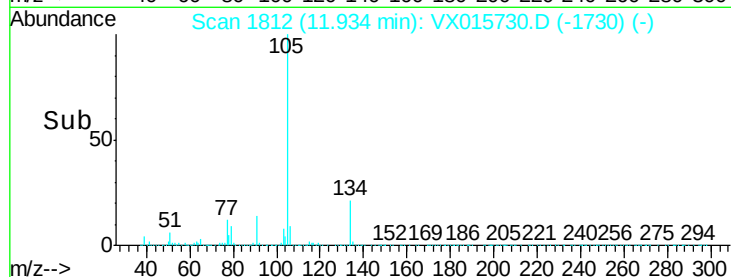
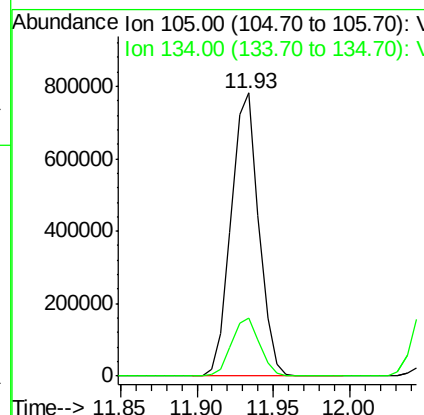
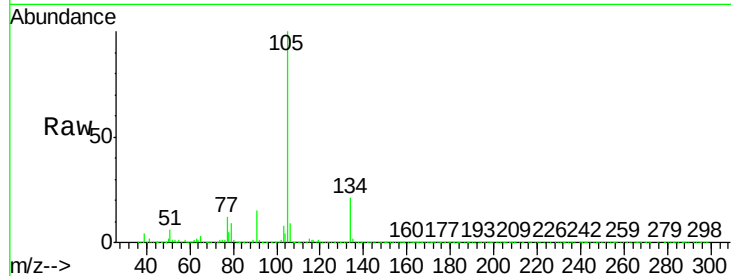
#81
 sec-Butylbenzene
 Concen: 19.309 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	980351		
134	20.7	0.0	41.6	

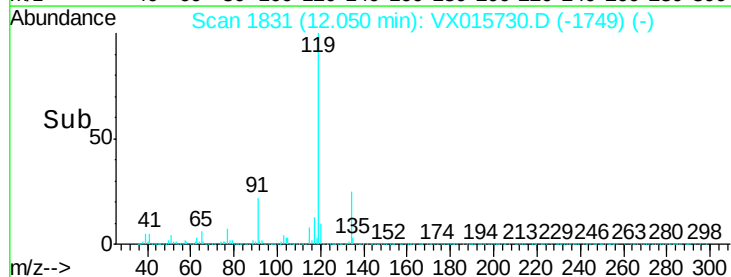
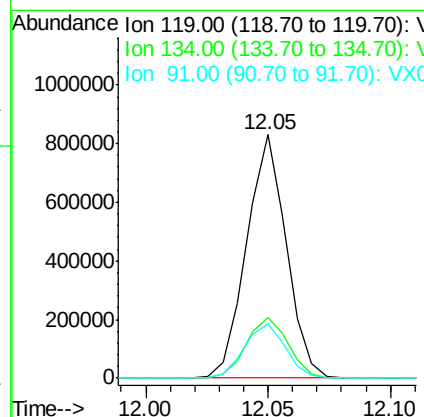
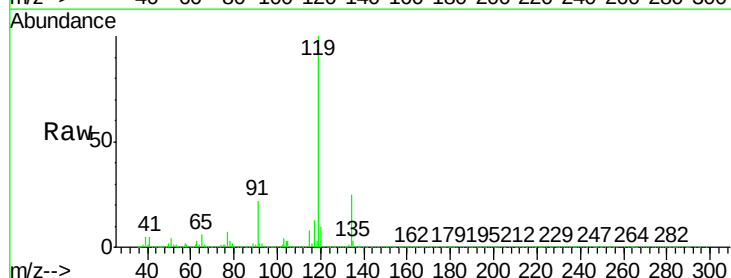
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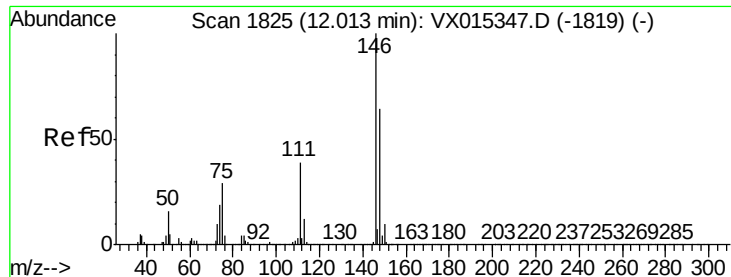
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#82
 p-Isopropyltoluene
 Concen: 19.643 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	939992		
134	26.2	0.0	53.2	
91	22.8	0.0	48.2	





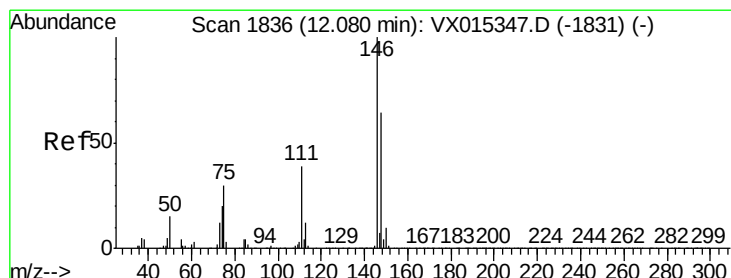
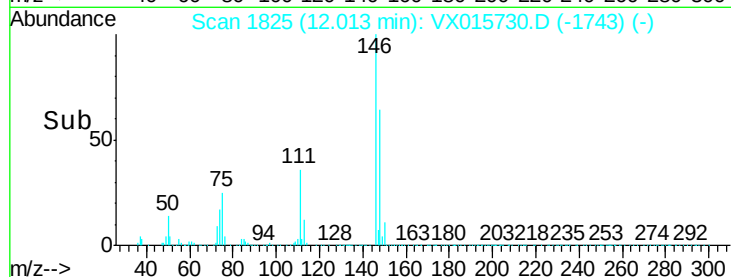
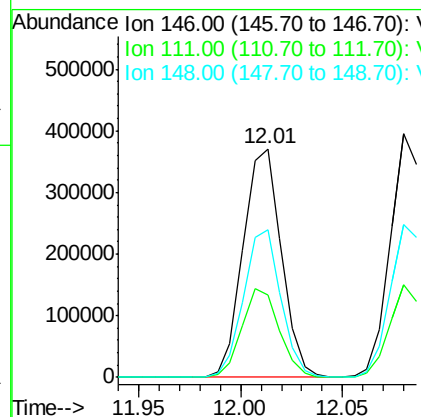
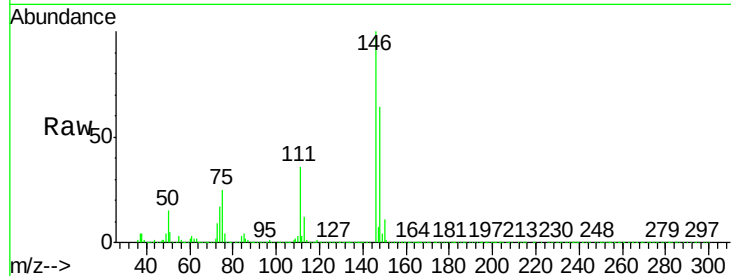
#83
 1,3-Dichlorobenzene
 Concen: 19.449 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.1	60.2
148	62.9	31.4	94.2

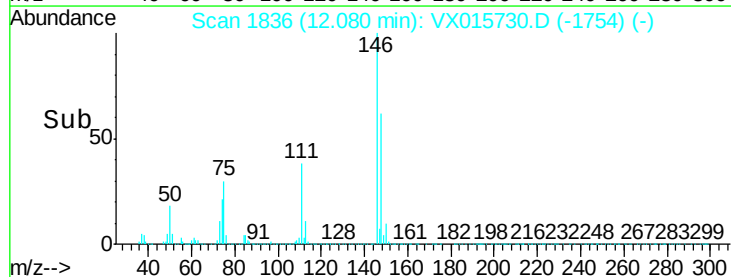
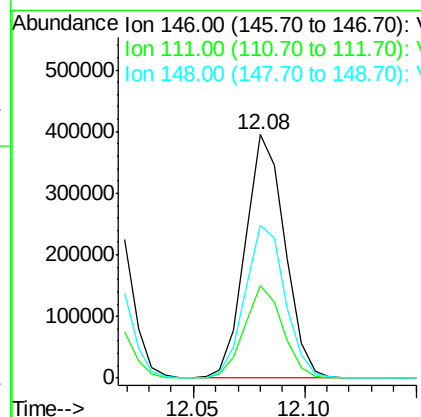
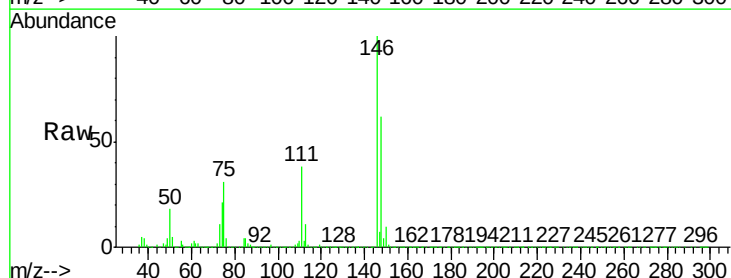
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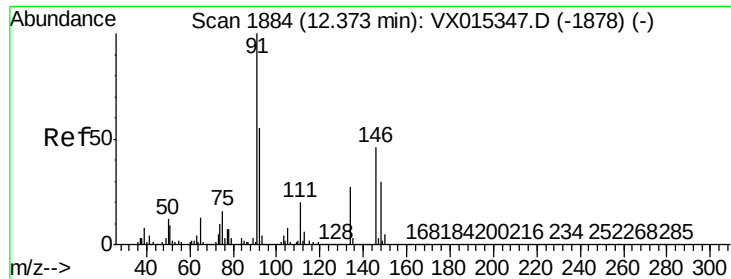
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#84
 1,4-Dichlorobenzene
 Concen: 19.772 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.9	56.9
148	63.3	31.4	94.3





#85

n-Butylbenzene

Concen: 19.484 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Instrument :

MSVOA_X

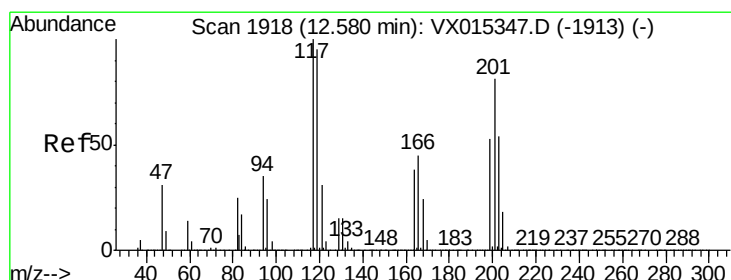
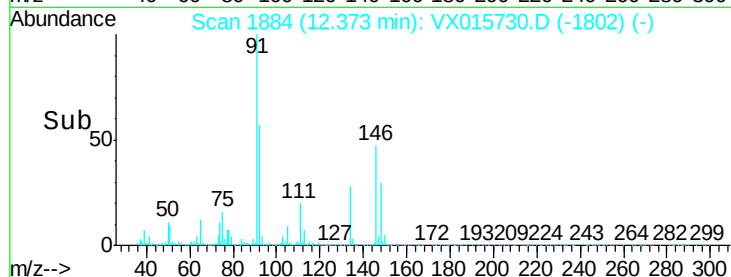
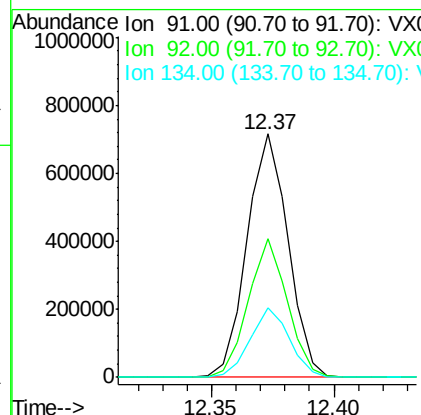
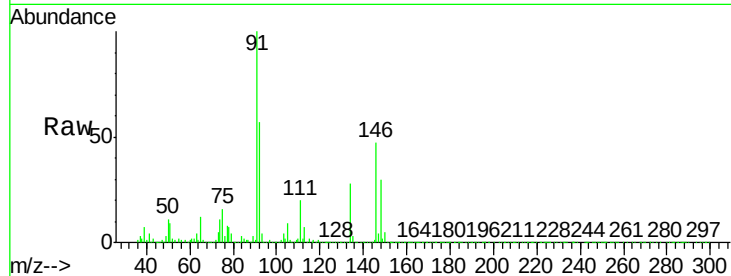
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	831038
Ion Ratio	Lower	Upper	
91	100		
92	54.2	0.0	109.0
134	27.4	0.0	54.0

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#86

Hexachloroethane

Concen: 16.216 ug/l

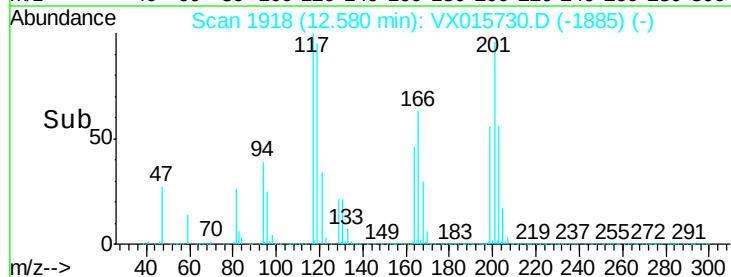
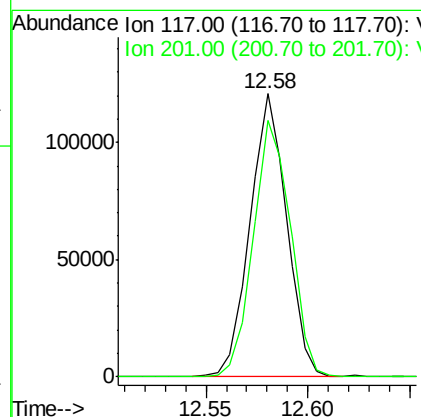
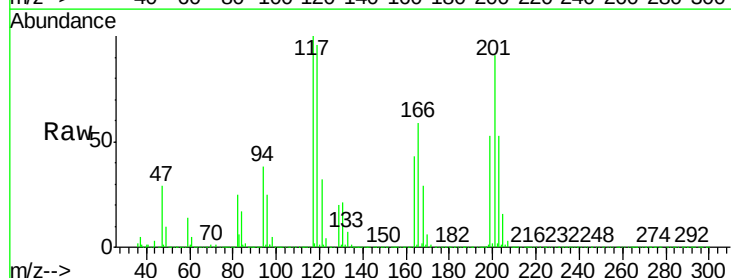
RT: 12.58 min Scan# 1918

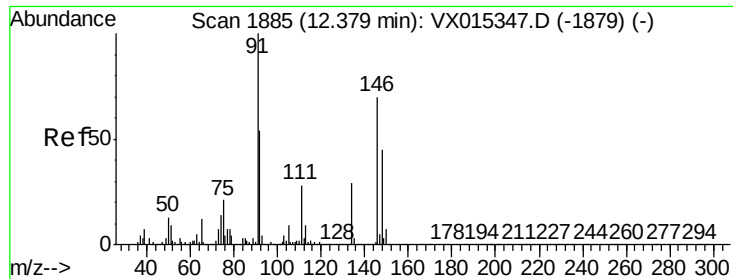
Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion:	117	Resp:	149977
Ion Ratio	Lower	Upper	
117	100		
201	92.7	44.9	134.5





#87

1,2-Dichlorobenzene

Concen: 19.230 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015730.D

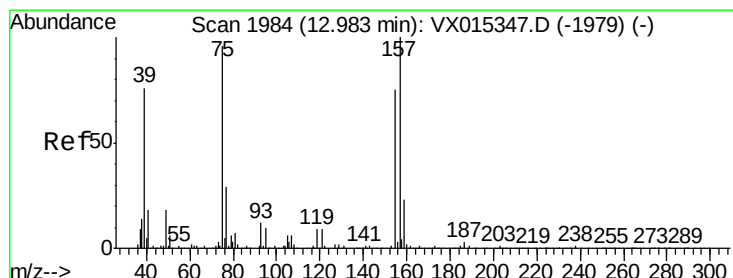
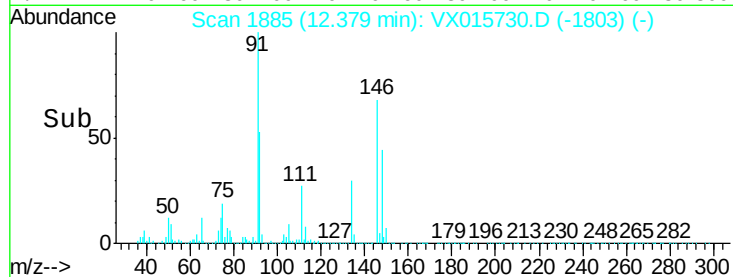
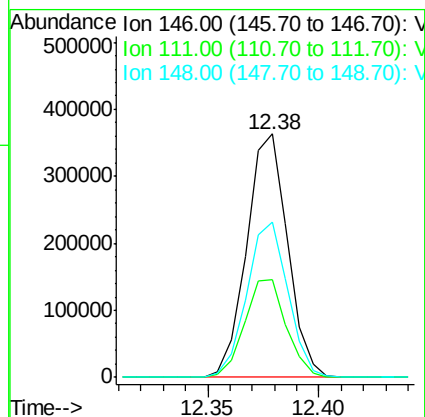
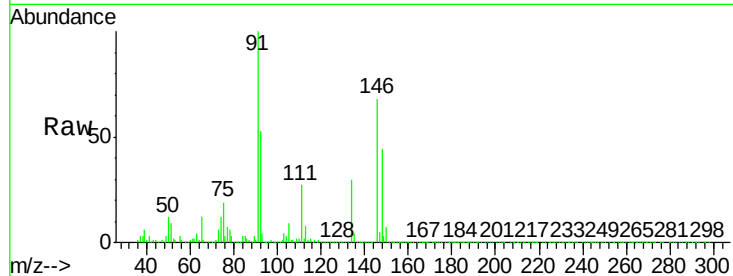
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	466981		
111	41.1	20.4	61.2	
148	64.2	31.9	95.9	

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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.111 ug/l

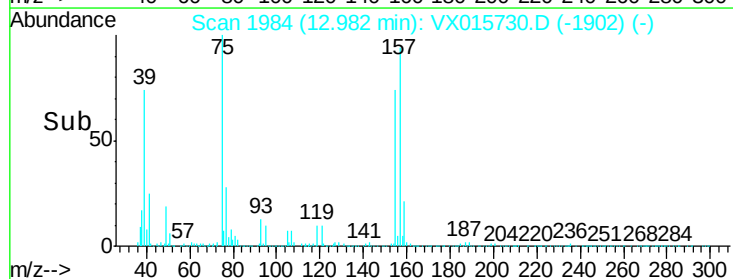
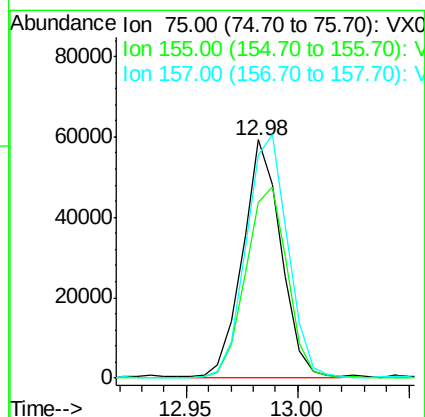
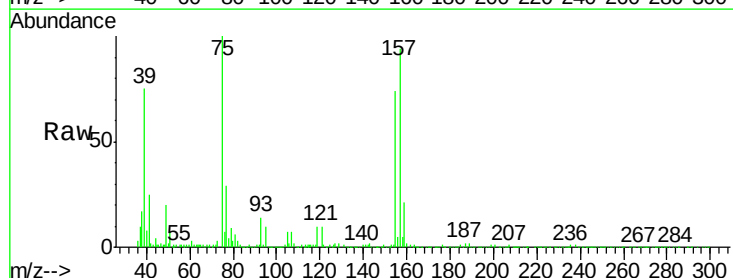
RT: 12.98 min Scan# 1984

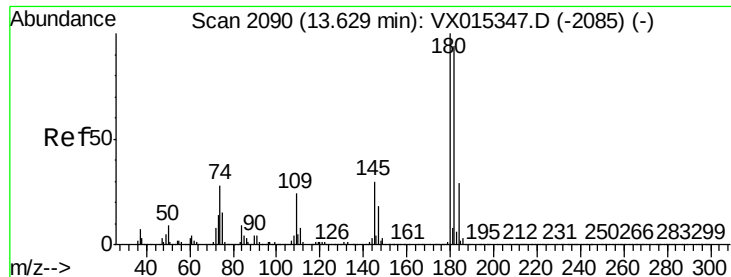
Delta R.T. -0.00 min

Lab File: VX015730.D

Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70928		
155	88.0	67.7	101.5	
157	111.5	88.5	132.7	





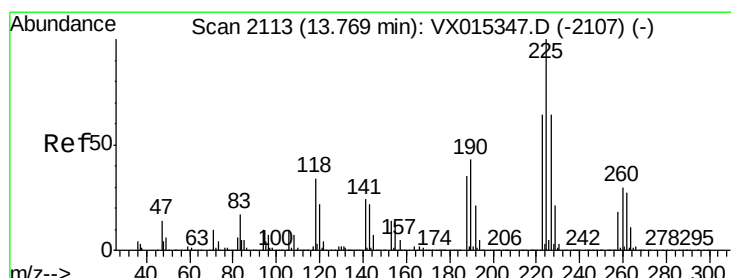
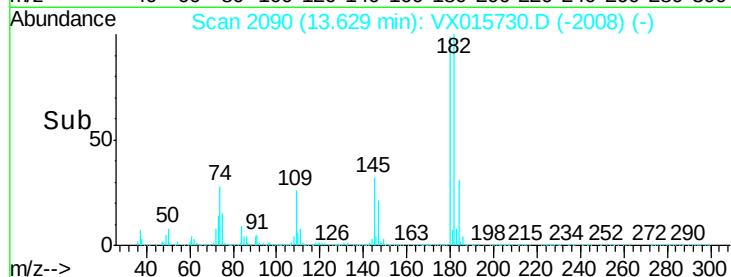
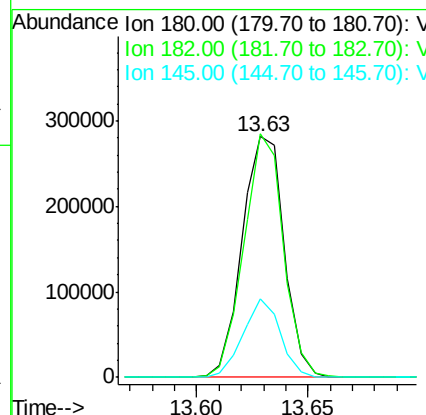
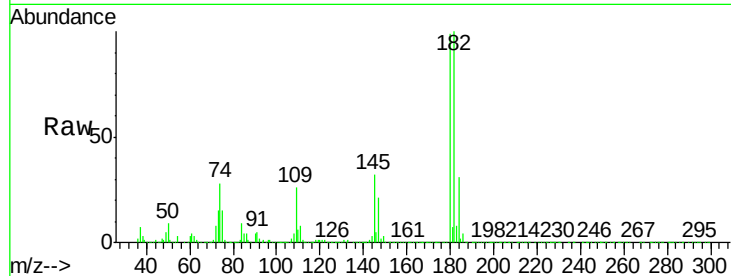
#89
 1,2,4-Trichlorobenzene
 Concen: 18.831 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	368381		
182	95.6	76.9	115.3	
145	29.3	24.3	36.5	

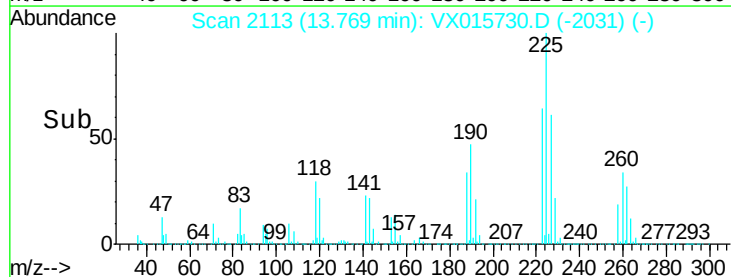
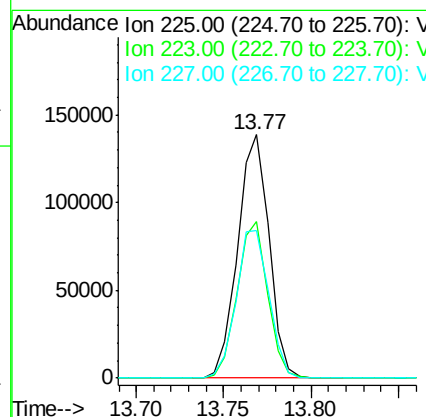
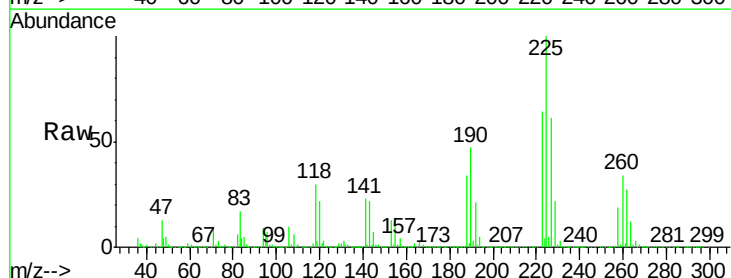
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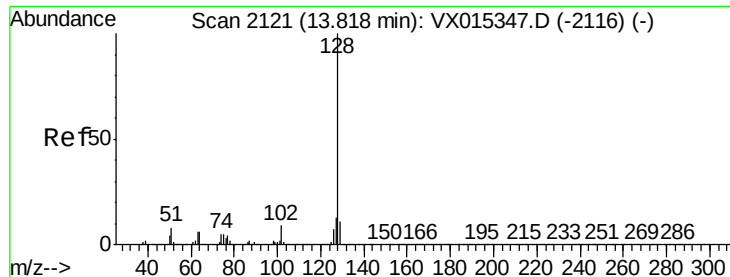
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#90
 Hexachlorobutadiene
 Concen: 16.741 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015730.D
 Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172515		
223	63.0	0.0	127.0	
227	63.4	0.0	126.8	





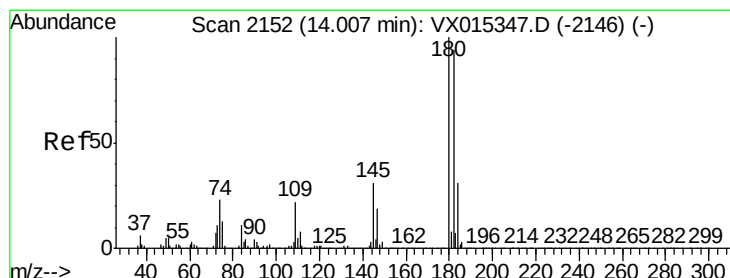
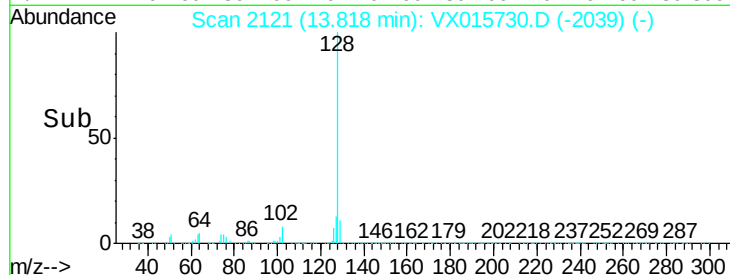
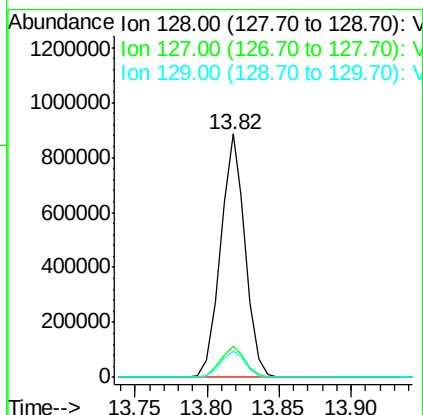
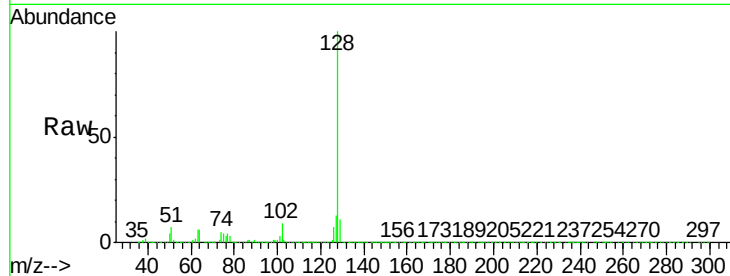
#91
Naphthalene
Concen: 18.628 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 18.116 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015730.D
Acq: 17 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	0.0	191.0
145	31.8	0.0	62.2

