

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032620\
 Data File : VX015363.D
 Acq On : 26 Mar 2020 18:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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 3/27/2020 6:00:00 PM

Quant Time: Mar 27 08:28:28 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	4.99	128	197413	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1106519	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1004650	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	480232	31.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.77%
60) 4-Bromofluorobenzene	11.12	95	526065	30.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.00%
63) Toluene-d8	8.70	98	1304429	30.56	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	169895	18.021 ug/l	95
3) Chloromethane	1.31	50	213005	18.307 ug/l	98
4) Vinyl Chloride	1.39	62	208079	18.590 ug/l	98
5) Bromomethane	1.63	94	152812	25.646 ug/l	97
6) Chloroethane	1.72	64	130013	18.618 ug/l	96
7) Trichlorofluoromethane	1.92	101	297905	18.624 ug/l	98
8) Diethyl Ether	2.17	74	115289	18.733 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201705	19.060 ug/l	98
10) 1,1-Dichloroethene	2.36	96	203707	18.951 ug/l	96
11) Methyl Iodide	2.50	142	198893	13.923 ug/l	99
12) Methyl Acetate	2.75	43	323348	20.557 ug/l	97
13) Acrolein	2.27	56	184771	90.300 ug/l	92
14) Acrylonitrile	3.12	53	684401	101.635 ug/l	99
15) Acetone	2.42	58	174173	101.719 ug/l	89
16) Carbon Disulfide	2.55	76	592260	18.848 ug/l	98
17) Allyl chloride	2.71	41	470828	19.400 ug/l	98
18) Methylene Chloride	2.84	84	233804	19.373 ug/l	100
19) trans-1,2-Dichloroethene	3.14	96	226571	19.485 ug/l	98
20) Diisopropyl ether	3.83	45	865780	19.891 ug/l	99
21) 1,1-Dichloroethane	3.67	63	434586	19.559 ug/l	99
22) cis-1,2-Dichloroethene	4.57	96	253432	18.919 ug/l	99
23) tert-Butyl Alcohol	3.01	59	338092	102.073 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	781988	19.594 ug/l	99
25) Chloroform	5.18	83	420250	19.135 ug/l	94
26) Cyclohexane	5.55	56	401245	18.901 ug/l	# 99
29) 1,1-Dichloropropene	5.78	75	325215	19.563 ug/l	99
30) 2-Butanone	4.64	43	1028285	103.182 ug/l	98
31) 2,2-Dichloropropane	4.56	77	384281	19.209 ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	391273	19.291 ug/l	99
33) Carbon Tetrachloride	5.76	117	349715	18.920 ug/l	98
34) Benzene	6.12	78	938107	19.579 ug/l	99
35) Methacrylonitrile	5.01	41	232796	20.599 ug/l	98
36) 1,2-Dichloroethane	6.17	62	373450	20.171 ug/l	100
37) Trichloroethene	7.19	130	260386	19.301 ug/l	100
38) Methylcyclohexane	7.44	83	389581	19.116 ug/l	99
39) 1,2-Dichloropropane	7.50	63	252108	19.590 ug/l	95
40) Dibromomethane	7.64	93	164059	19.152 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	356220	19.135	ug/l	99
42) Vinyl Acetate	3.79	43	3940963	104.368	ug/l	100
43) Ethyl Acetate	4.80	43	398562	18.386	ug/l #	81
44) Isopropyl Acetate	6.42	43	703506	20.165	ug/l	98
45) 1,4-Dioxane	7.72	88	121553	378.214	ug/l	99
46) Methyl methacrylate	7.75	41	344658	19.797	ug/l	99
47) n-amyl Acetate	10.88	43	580964	19.313	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	411207	19.134	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	427492	19.271	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	234746	19.096	ug/l	96
51) Ethyl methacrylate	9.16	69	413634	19.564	ug/l	99
52) 1,3-Dichloropropane	9.36	76	407121	19.174	ug/l	98
53) Dibromochloromethane	9.56	129	277823	18.333	ug/l	98
54) 1,2-Dibromoethane	9.65	107	255671	19.383	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	966771	96.816	ug/l	99
56) Bromoform	10.84	173	230435	18.494	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	2041046	106.151	ug/l	99
59) 2-Hexanone	9.48	43	1529160	104.538	ug/l	100
61) Tetrachloroethene	9.32	164	247323	19.152	ug/l	97
62) Toluene	8.77	91	998700	19.626	ug/l	99
64) Chlorobenzene	10.12	112	632267	19.325	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	252831	18.911	ug/l	98
66) Ethyl Benzene	10.24	91	1150779	19.796	ug/l	98
67) m/p-Xylenes	10.34	106	856878	38.944	ug/l	99
68) o-Xylene	10.68	106	414894	19.292	ug/l	100
69) Styrene	10.70	104	718303	19.170	ug/l	99
70) Isopropylbenzene	11.00	105	1114132	19.542	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	364948	19.750	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	344987m	19.952	ug/l	
73) Bromobenzene	11.24	156	289442	18.912	ug/l	99
74) n-propylbenzene	11.34	91	1278373	19.549	ug/l	100
75) 2-Chlorotoluene	11.40	91	775083	19.488	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	951704	19.438	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	140756	18.891	ug/l	98
78) 4-Chlorotoluene	11.49	91	896241	19.478	ug/l	99
79) tert-butylbenzene	11.76	119	914024	18.679	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	954172	19.238	ug/l	99
81) sec-Butylbenzene	11.93	105	1080235	19.244	ug/l	99
82) p-Isopropyltoluene	12.05	119	1020483	19.289	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	499972	18.168	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	514519	18.735	ug/l	99
85) n-Butylbenzene	12.37	91	903908	19.168	ug/l	99
86) Hexachloroethane	12.58	117	191630	18.741	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	506059	18.849	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	94088	19.331	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	382295	17.676	ug/l	98
90) Hexachlorobutadiene	13.77	225	189622	16.643	ug/l	100
91) Naphthalene	13.82	128	1234603	19.713	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	383278	17.839	ug/l	99

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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC020EC

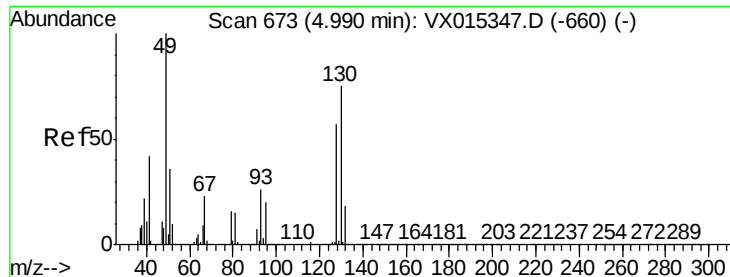
Manual Integrations
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QLast Update : Thu Mar 26 02:31:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

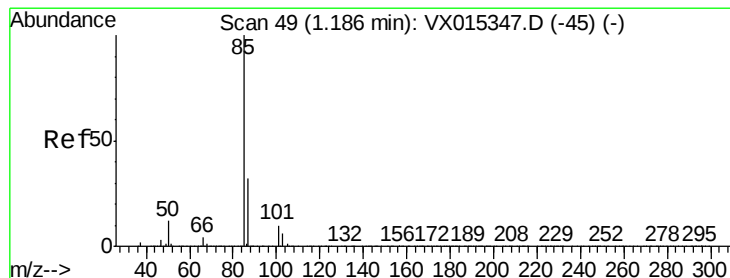
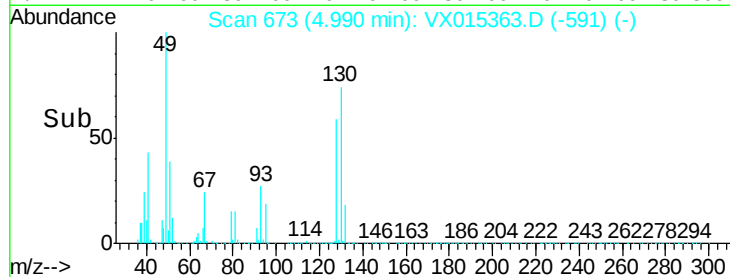
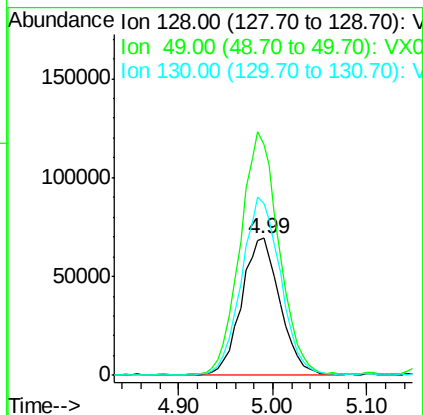
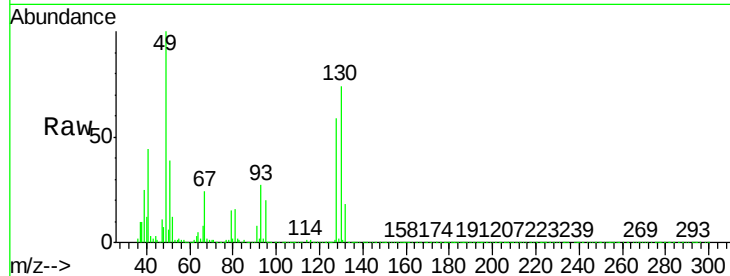
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.99 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	197413		
49	177.7	0.0	428.0	
130	131.8	0.0	324.5	

Manual Integrations
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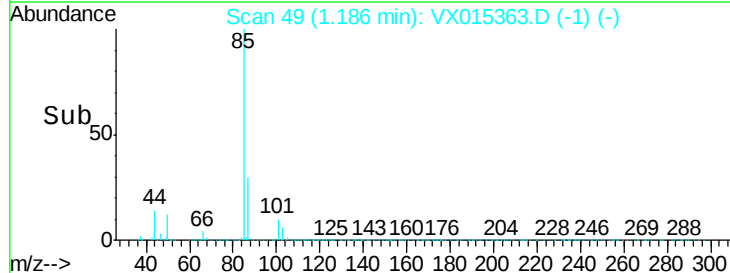
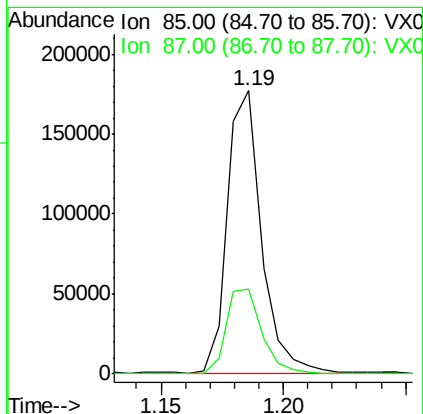
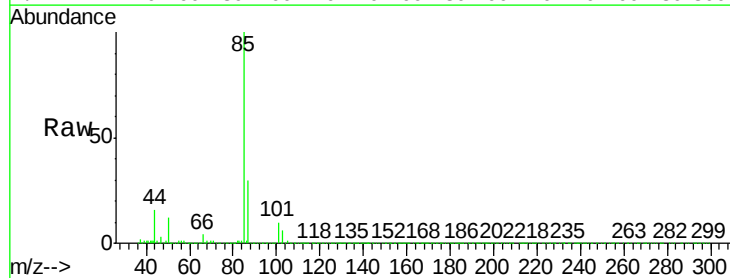
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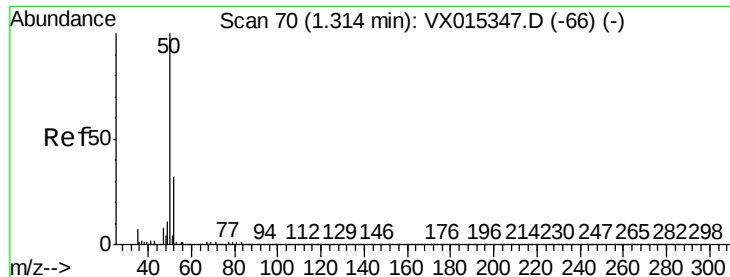


#2

Dichlorodifluoromethane
 Concen: 18.021 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	169895		
87	30.1	16.3	48.9	





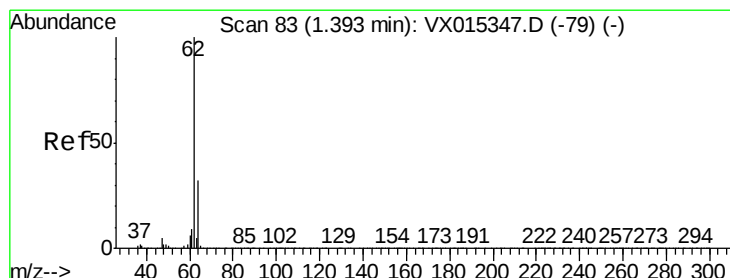
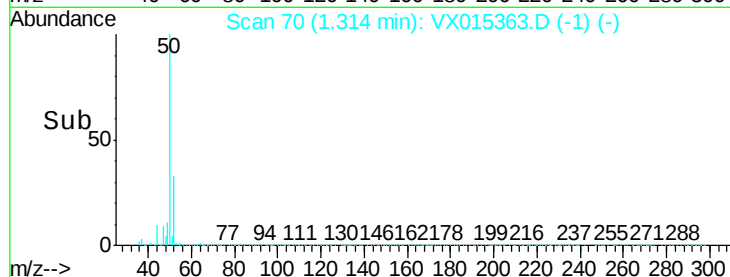
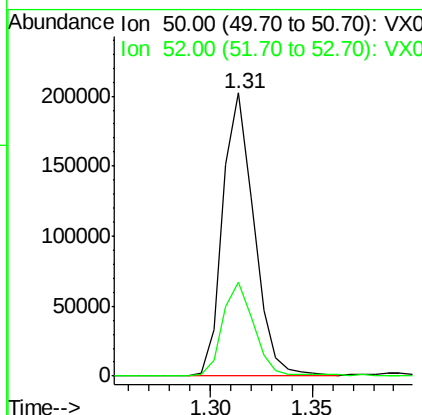
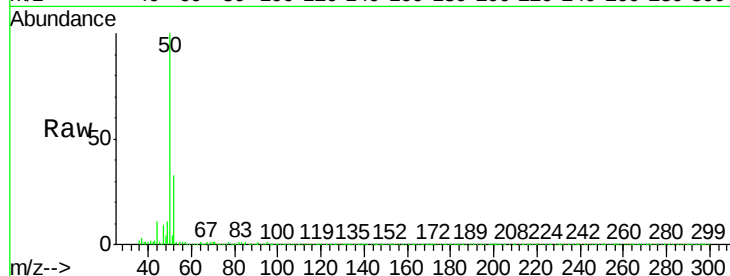
#3
Chloromethane
Concen: 18.307 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 50 Resp: 213005
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

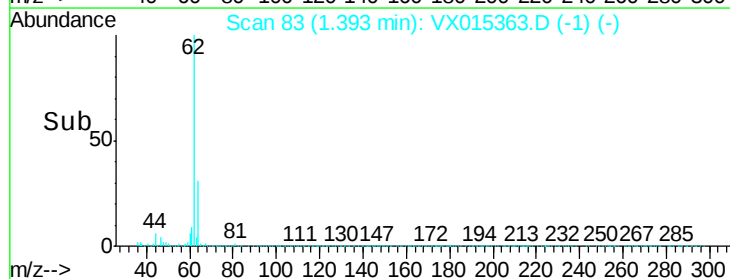
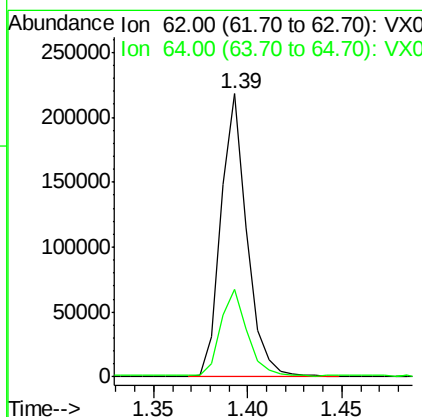
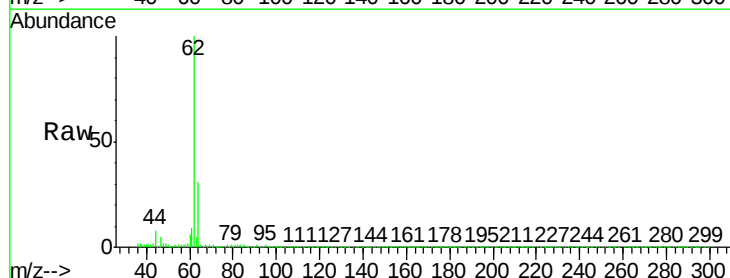
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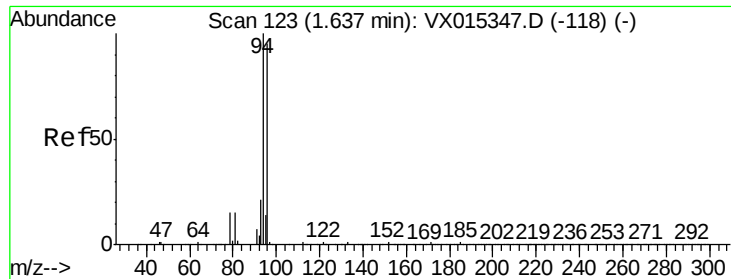
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#4
Vinyl Chloride
Concen: 18.590 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 62 Resp: 208079
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5

Bromomethane

Concen: 25.646 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 152812

Ion Ratio Lower Upper

94 100

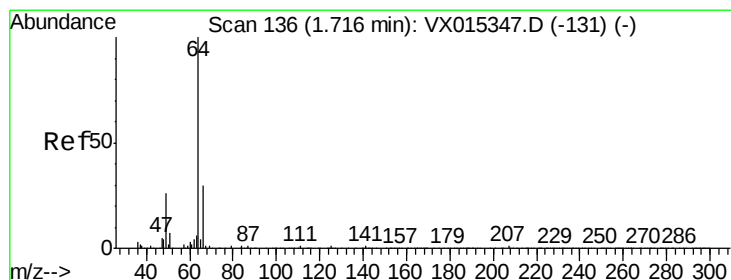
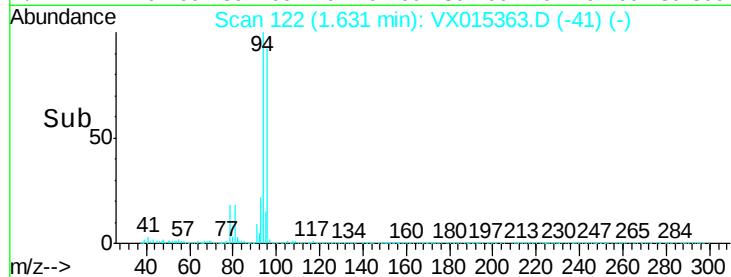
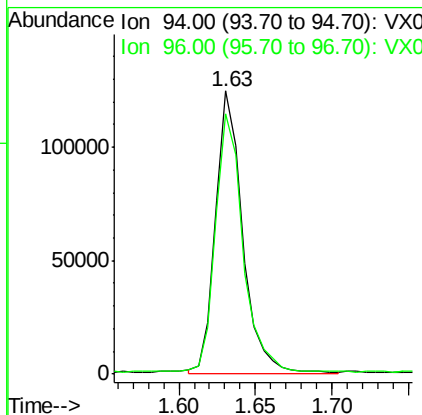
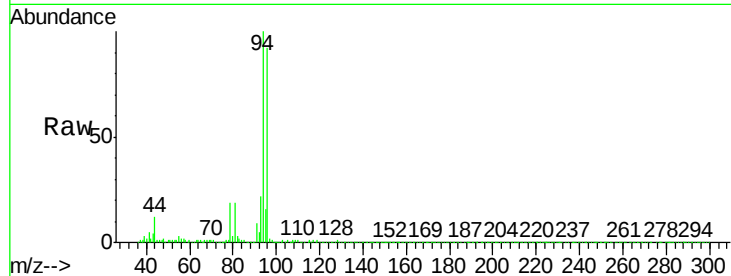
96 91.8 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 18.618 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015363.D

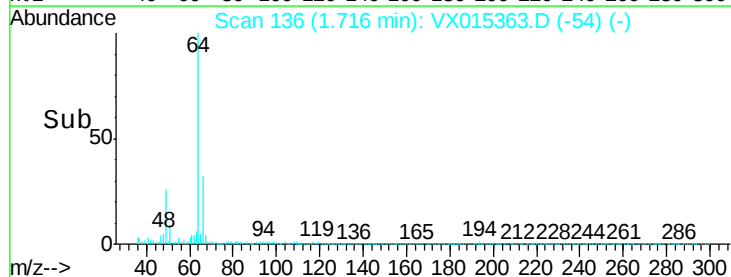
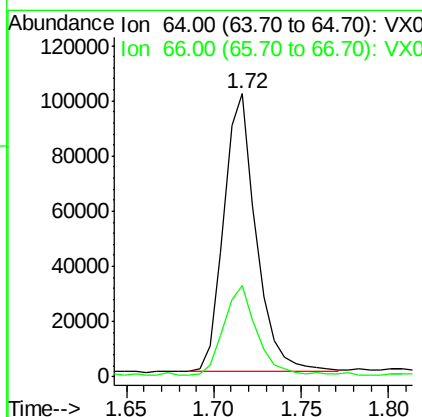
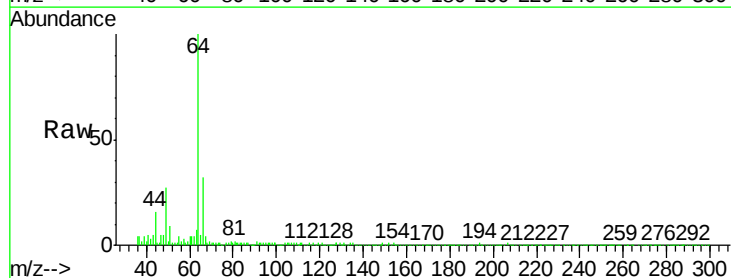
Acq: 26 Mar 2020 18:01

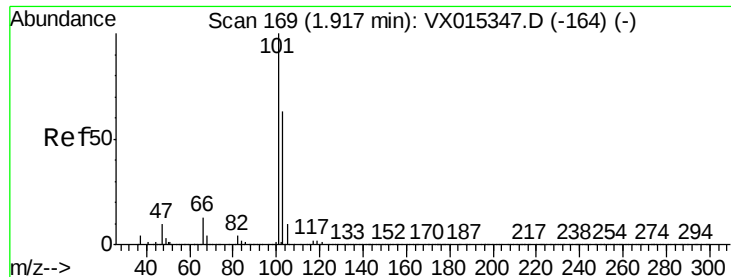
Tgt Ion: 64 Resp: 130013

Ion Ratio Lower Upper

64 100

66 32.4 24.3 36.5





#7

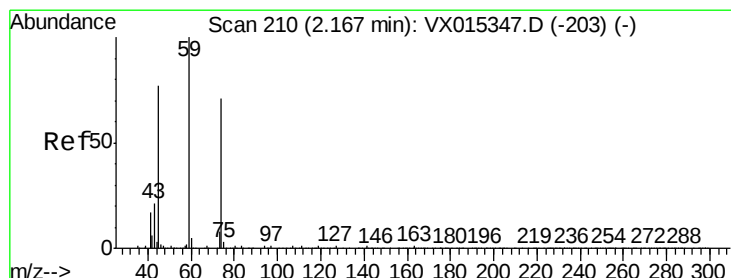
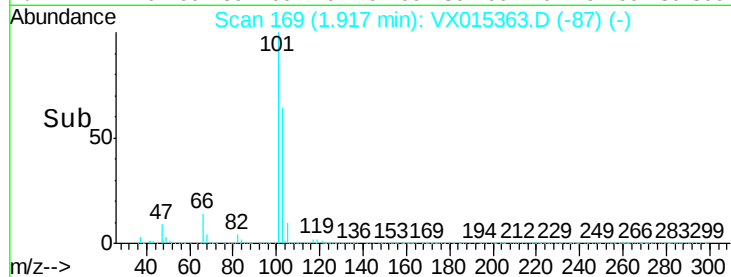
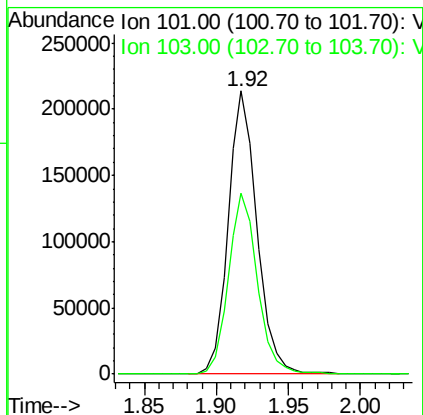
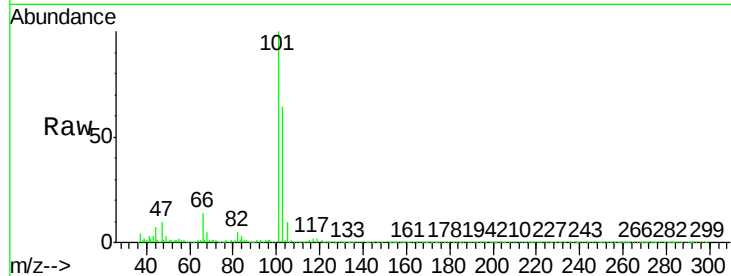
Trichlorofluoromethane
Concen: 18.624 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.9	74.9

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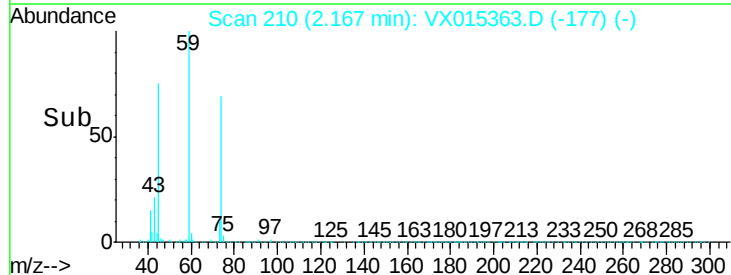
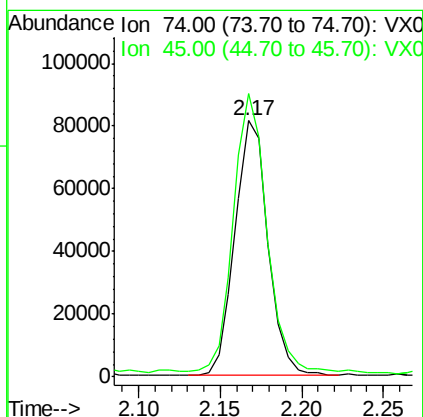
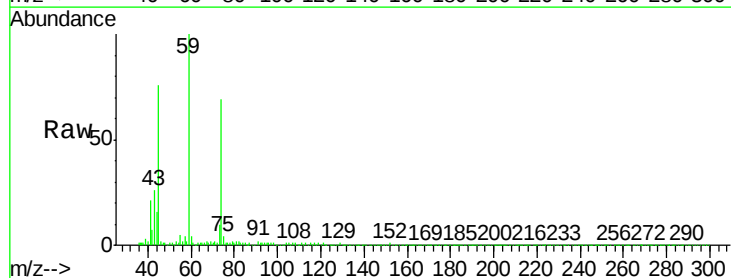
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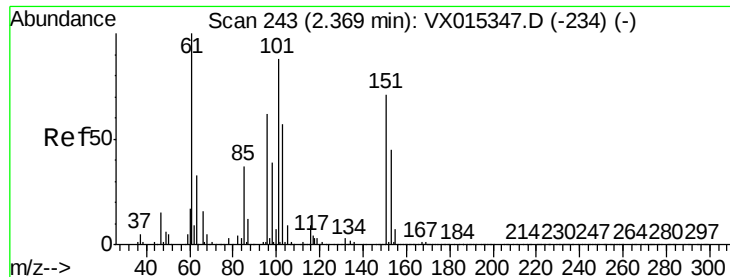


#8

Diethyl Ether
Concen: 18.733 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.1	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.060 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

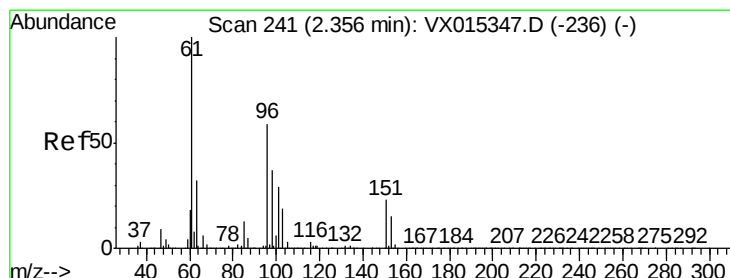
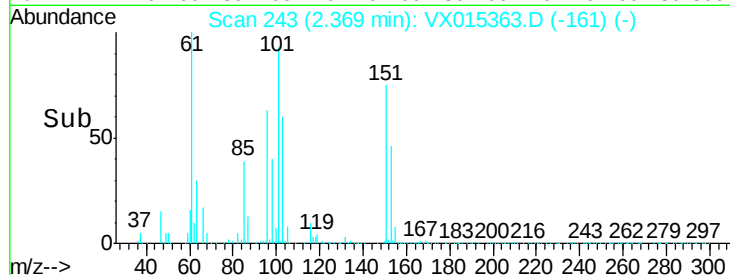
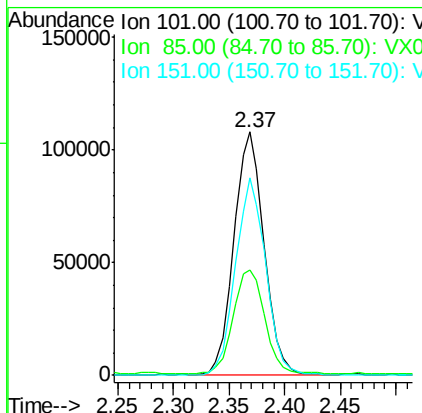
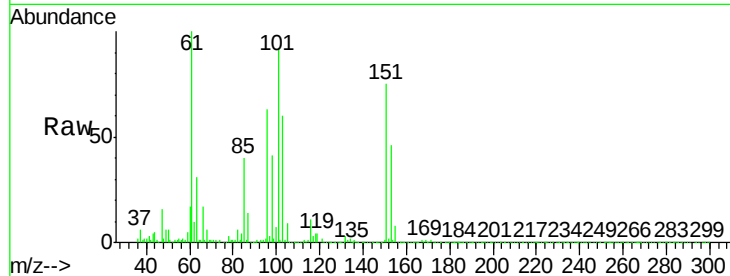
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	201705
Ion Ratio	Lower	Upper	
101	100		
85	44.8	0.0	85.8
151	80.9	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.951 ug/l

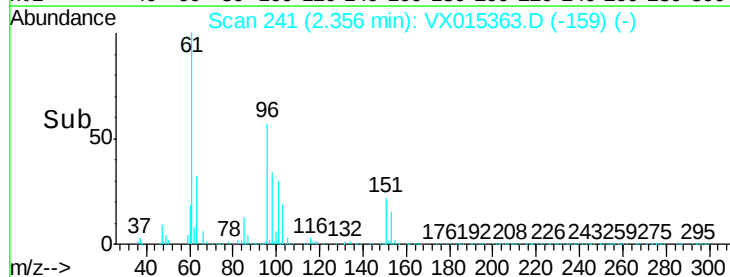
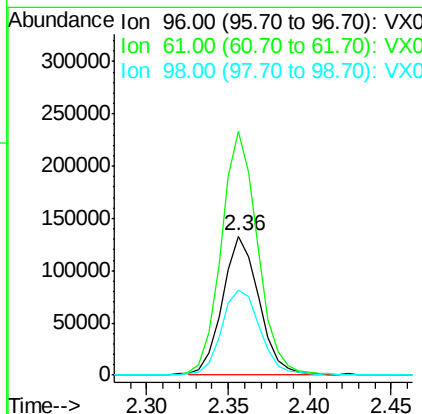
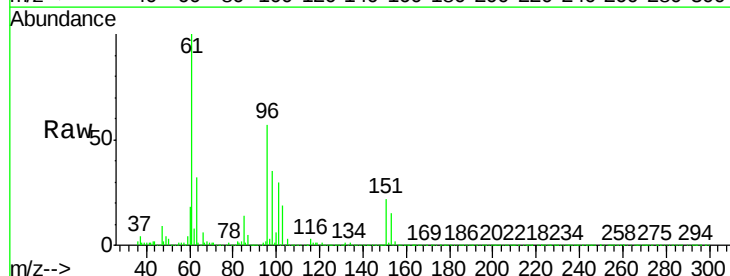
RT: 2.36 min Scan# 241

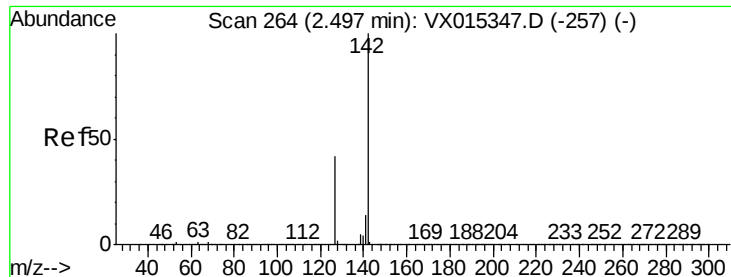
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	96	Resp:	203707
Ion Ratio	Lower	Upper	
96	100		
61	175.3	135.5	203.3
98	60.5	50.2	75.2





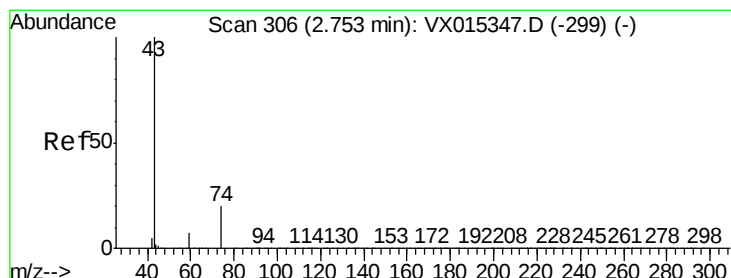
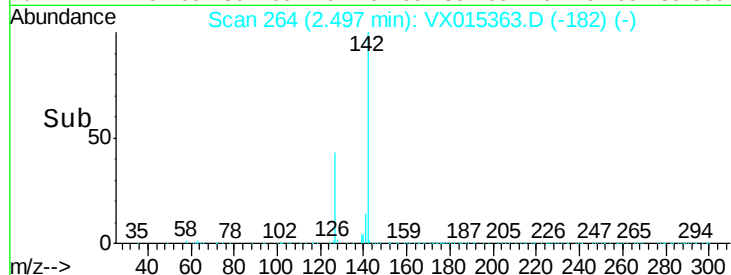
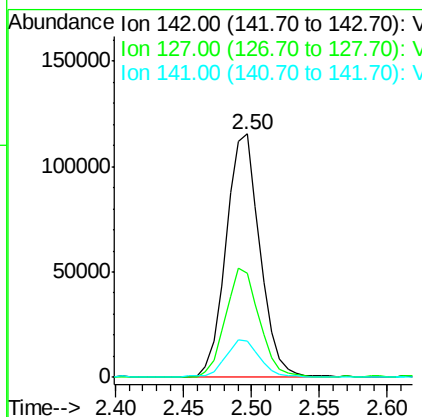
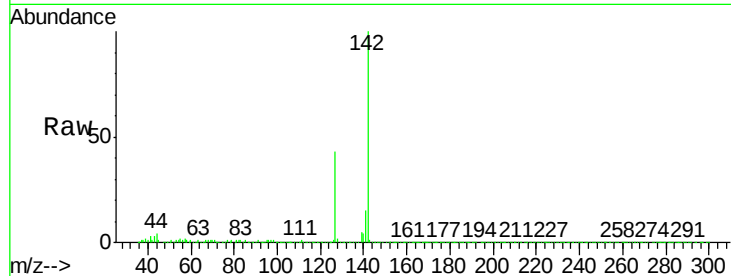
#11
Methvl Iodide
Concen: 13.923 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.6	21.0	63.0
141	14.5	6.9	20.7

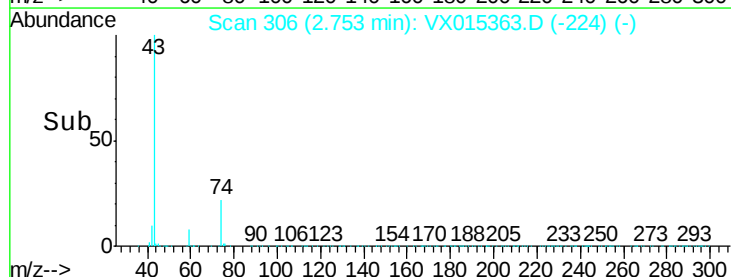
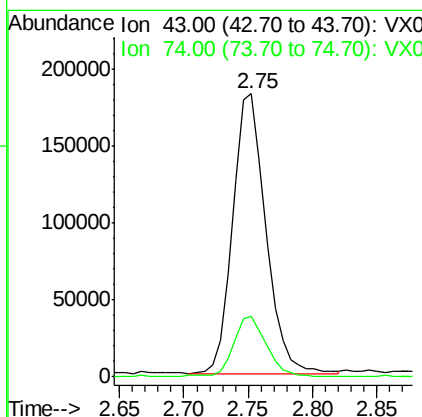
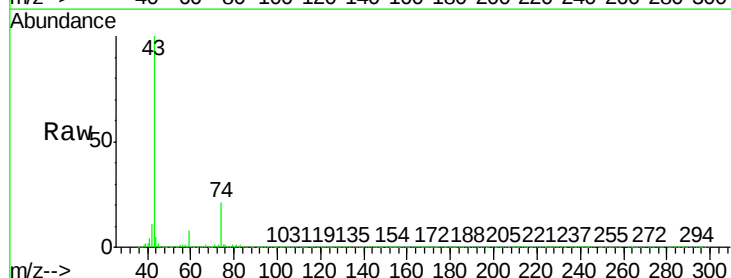
Manual Integrations
APPROVED

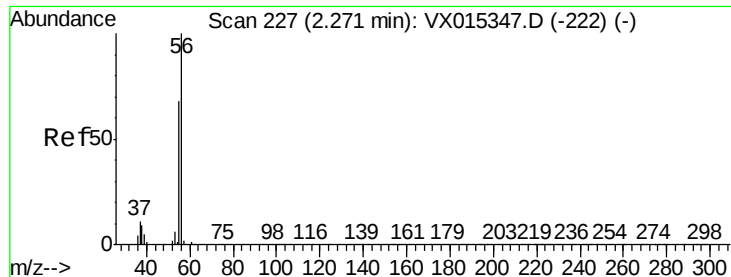
apatel
3/27/2020 6:00:00 PM



#12
Methyl Acetate
Concen: 20.557 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	15.8	23.6





#13

Acrolein

Concen: 90.300 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 184771

Ion Ratio Lower Upper

56 100

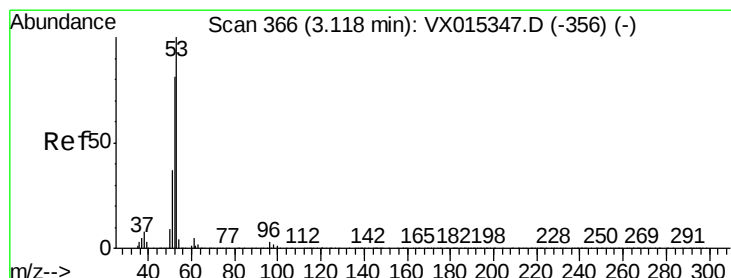
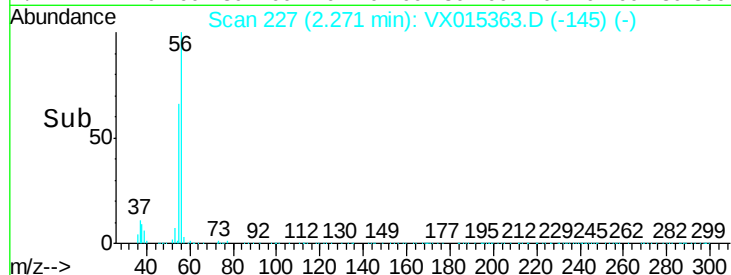
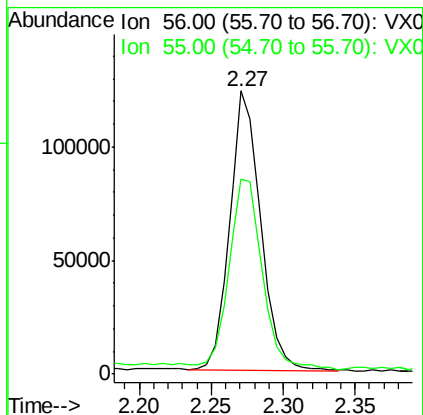
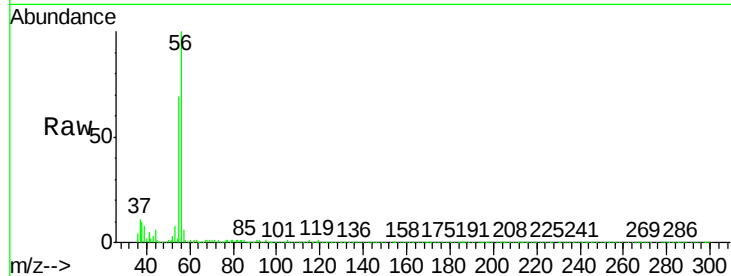
55 73.1 53.5 80.3

Manual Integrations

APPROVED

apatel

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#14

Acrylonitrile

Concen: 101.635 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

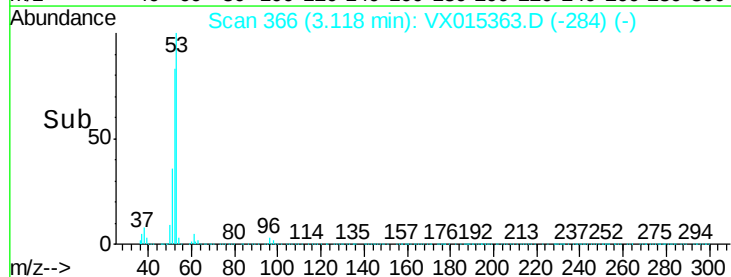
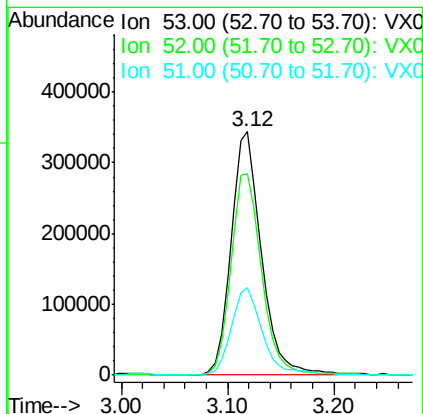
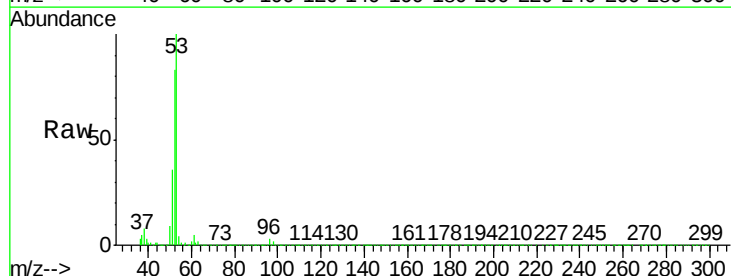
Tgt Ion: 53 Resp: 684401

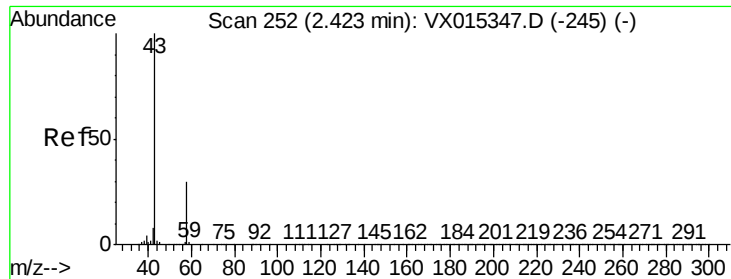
Ion Ratio Lower Upper

53 100

52 83.5 41.0 123.2

51 36.5 18.4 55.4





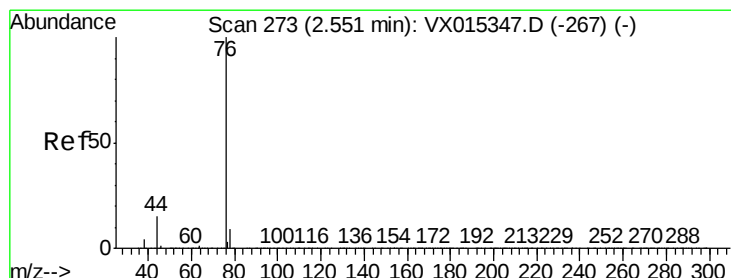
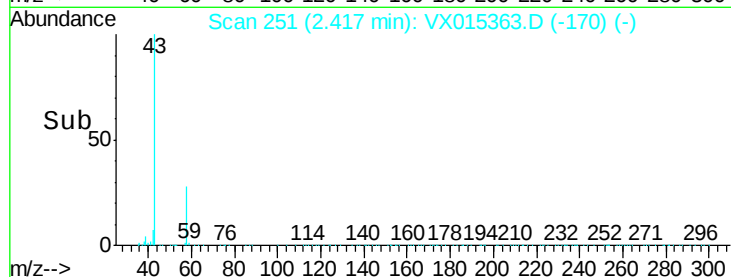
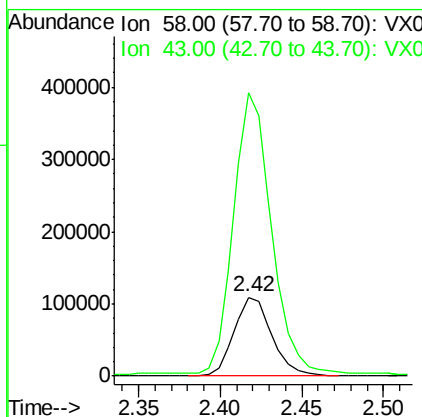
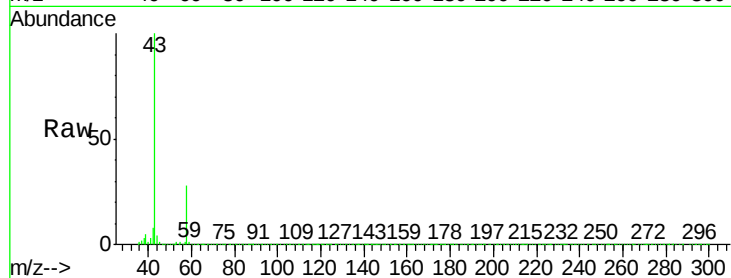
#15
Acetone
Concen: 101.719 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	58	Resp	174173
Ion Ratio	Lower	Upper	
58	100		
43	357.0	267.8	401.8

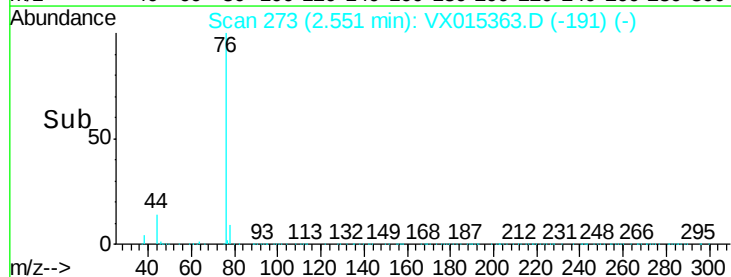
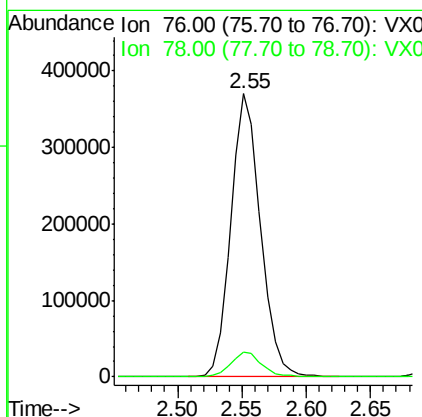
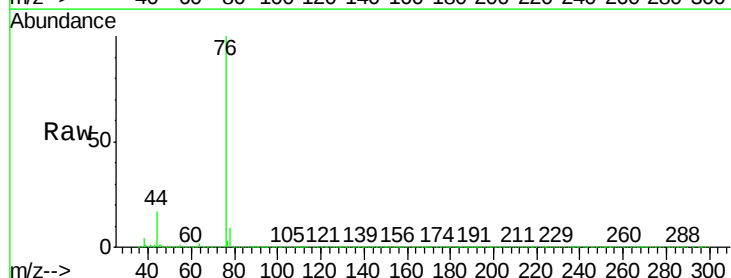
Manual Integrations
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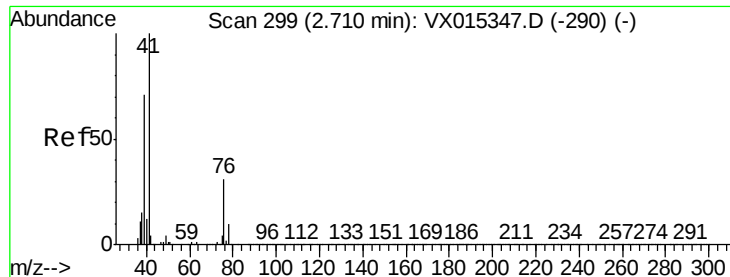
apatel
3/27/2020 6:00:00 PM



#16
Carbon Disulfide
Concen: 18.848 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	76	Resp	592260
Ion Ratio	Lower	Upper	
76	100		
78	8.7	7.4	11.2





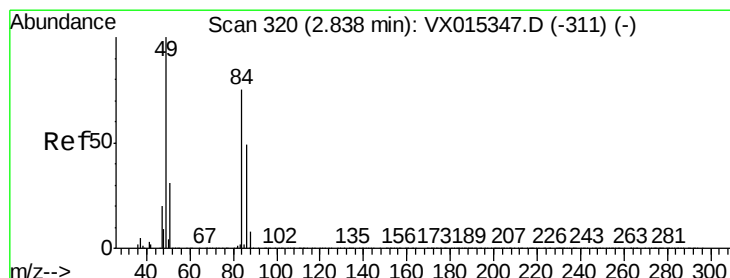
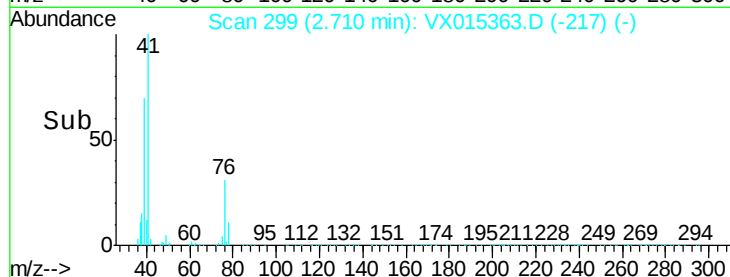
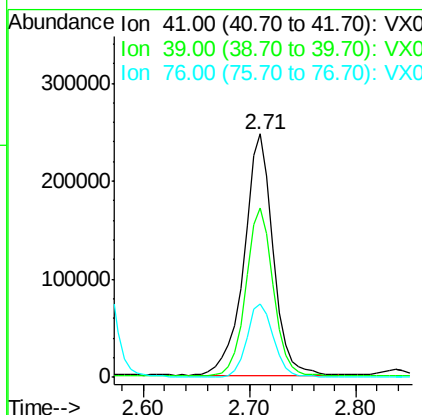
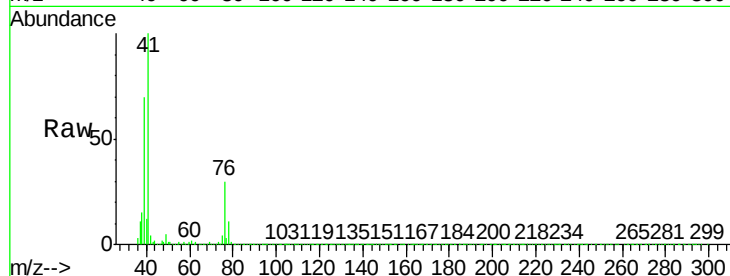
#17
Allvl chloride
Concen: 19.400 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	470828
Ion Ratio	Lower	Upper	
41	100		
39	69.6	35.6	106.8
76	30.2	15.4	46.4

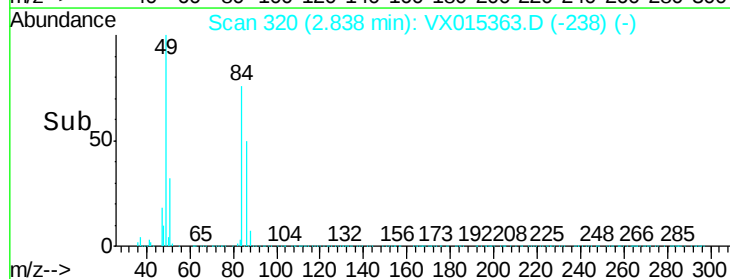
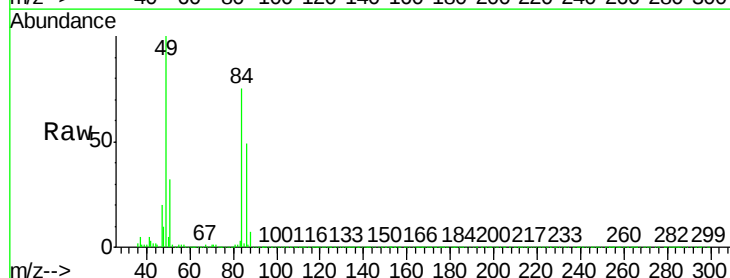
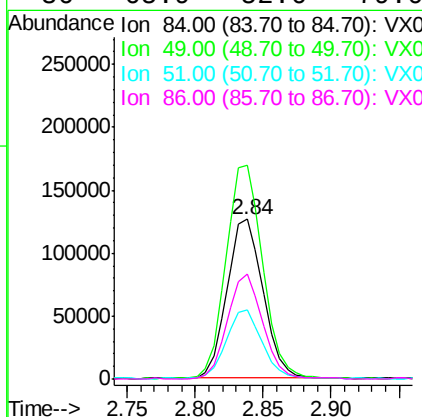
Manual Integrations
APPROVED

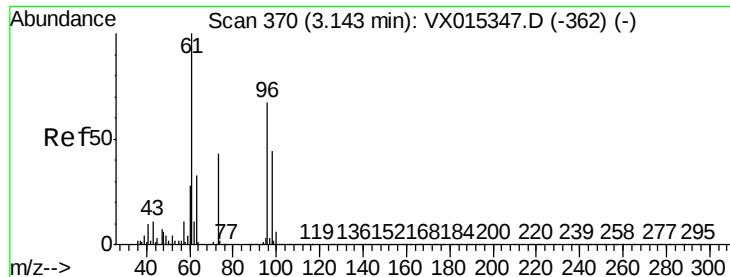
apatel
3/27/2020 6:00:00 PM



#18
Methylene Chloride
Concen: 19.373 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion:	84	Resp:	233804
Ion Ratio	Lower	Upper	
84	100		
49	133.7	107.0	160.4
51	42.7	33.4	50.0
86	65.9	52.6	79.0





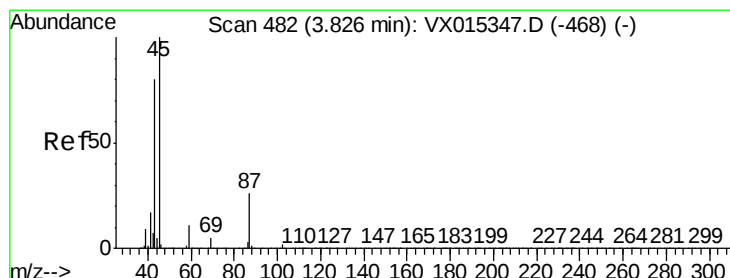
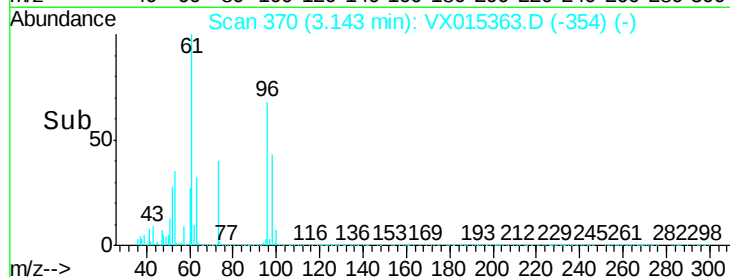
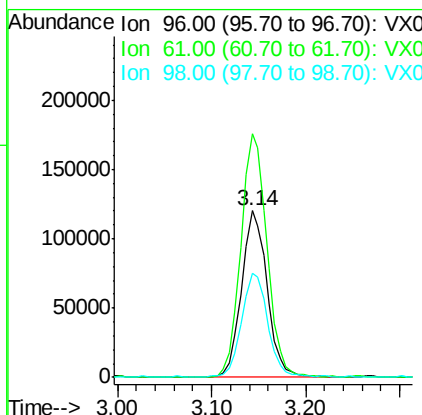
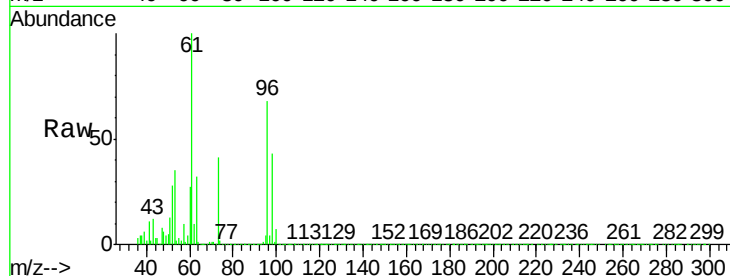
#19
trans-1,2-Dichloroethene
Concen: 19.485 ug/l
RT: 3.14 min Scan# 370
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	118.2	177.2
98	62.5	51.9	77.9

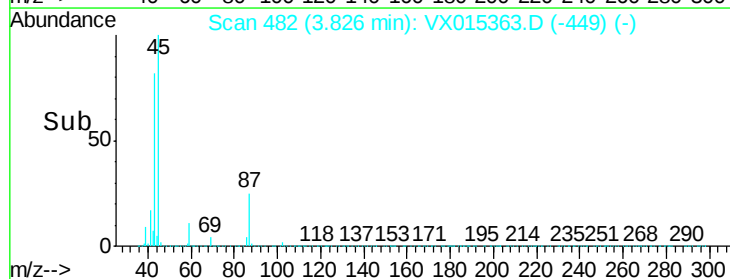
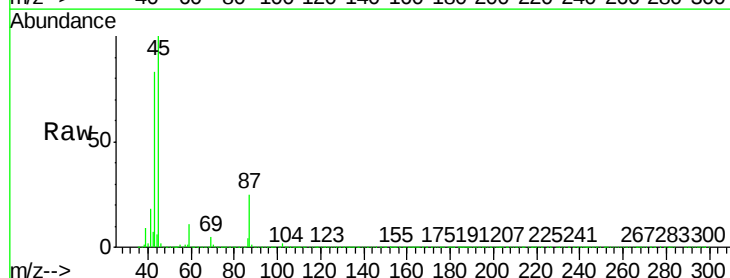
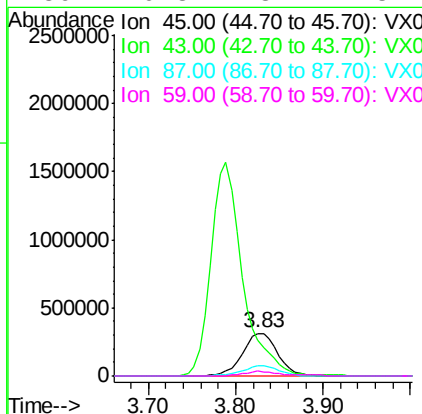
Manual Integrations
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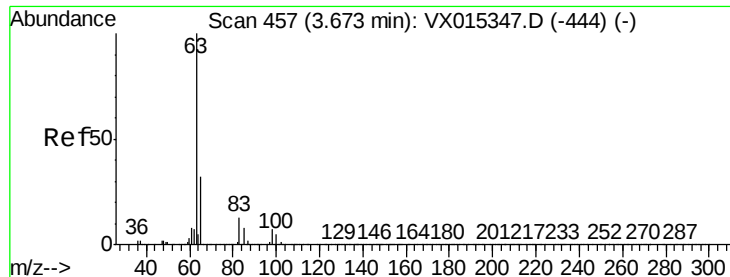
apatel
3/27/2020 6:00:00 PM



#20
Diisopropyl ether
Concen: 19.891 ug/l
RT: 3.83 min Scan# 482
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	81.2	64.4	96.6
87	24.5	20.4	30.6
59	10.8	8.7	13.1





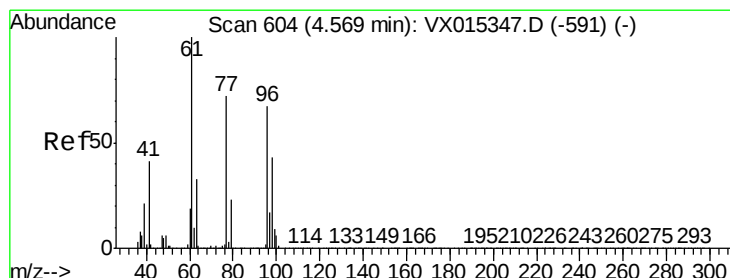
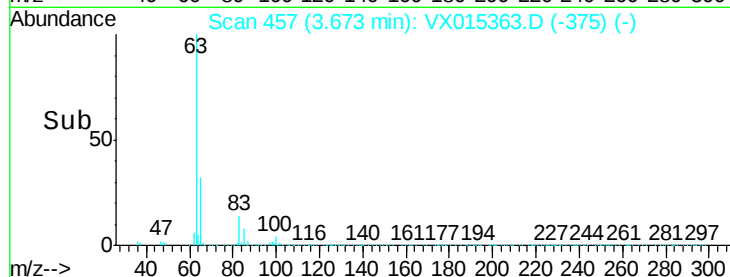
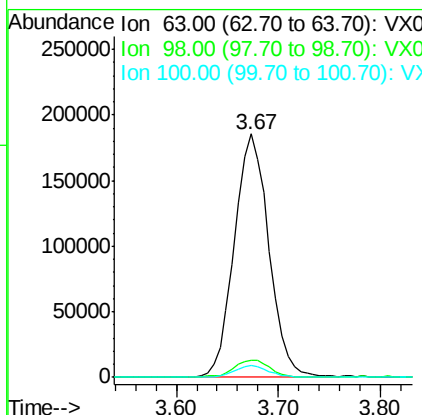
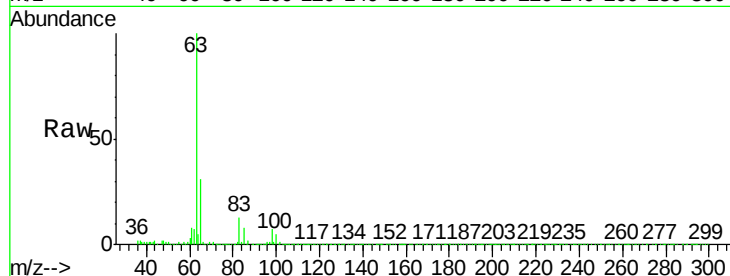
#21
1,1-Dichloroethane
Concen: 19.559 ug/l
RT: 3.67 min Scan# 457
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	4.6	2.3	6.8

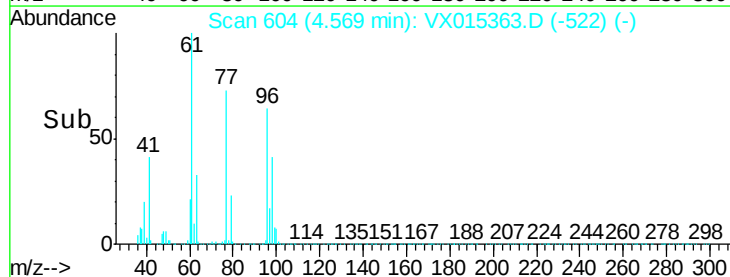
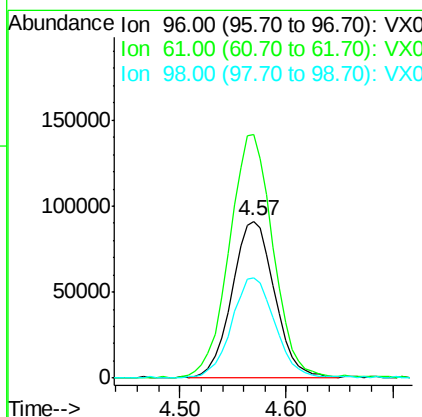
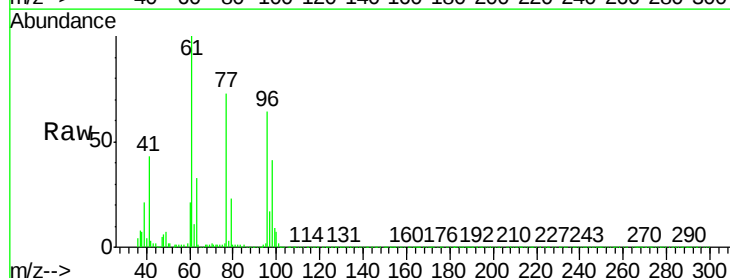
Manual Integrations
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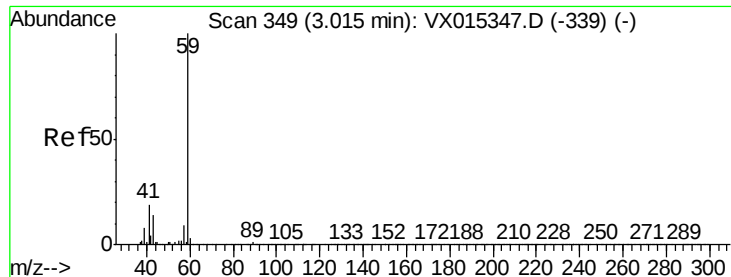
apatel
3/27/2020 6:00:00 PM



#22
cis-1,2-Dichloroethene
Concen: 18.919 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	127.2	190.8
98	64.5	51.8	77.6





#23

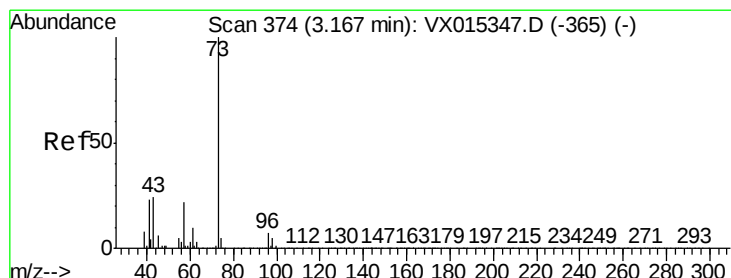
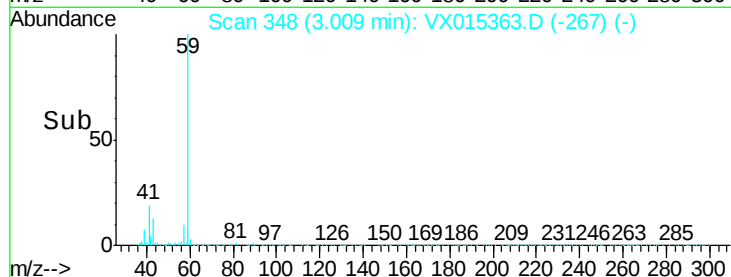
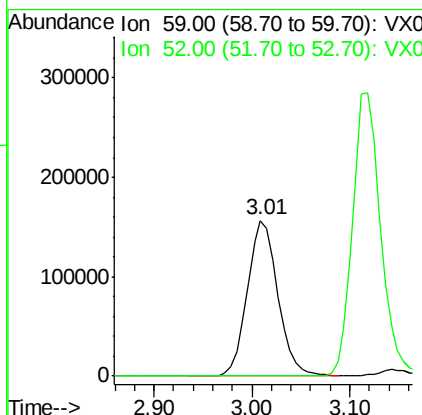
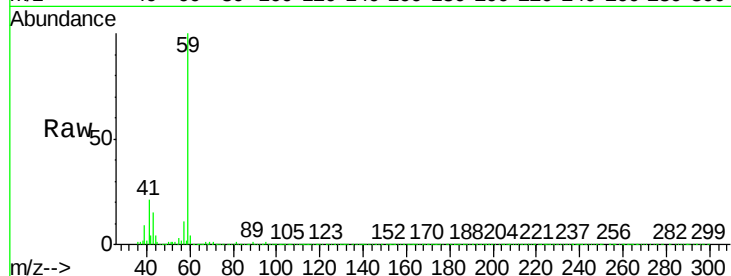
tert-Butyl Alcohol
 Concen: 102.073 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

Manual Integrations
 APPROVED

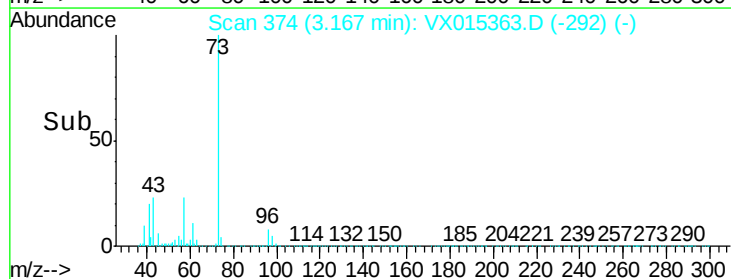
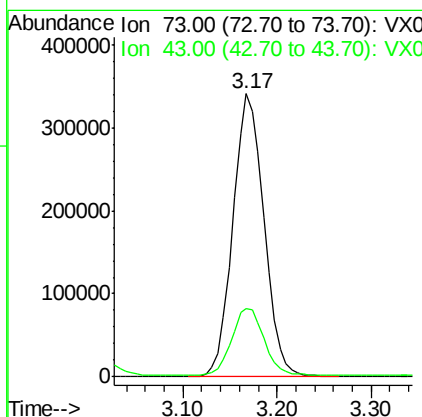
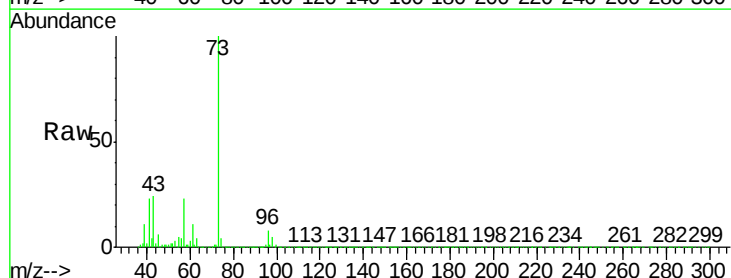
apatel
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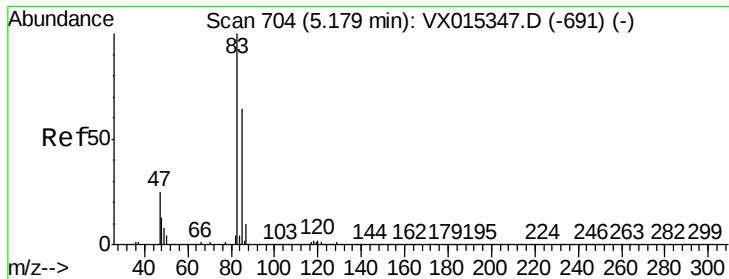


#24

Methyl tert-Butyl Ether
 Concen: 19.594 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.4	19.2	28.8





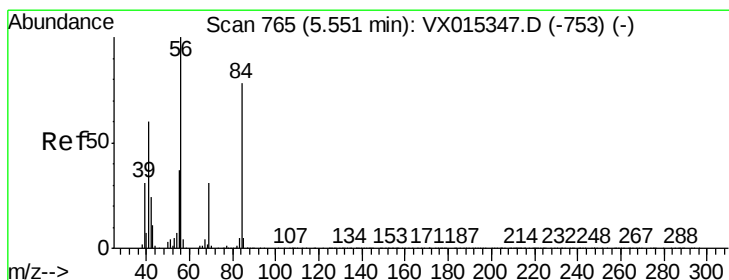
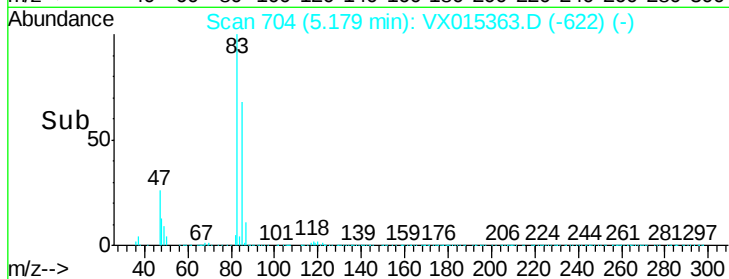
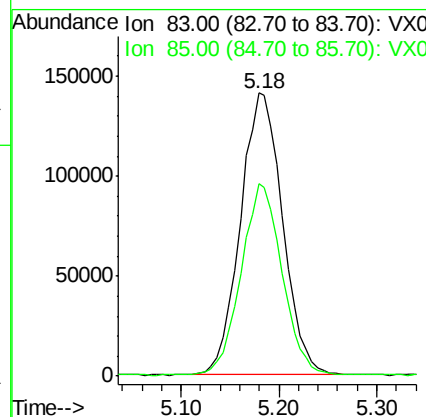
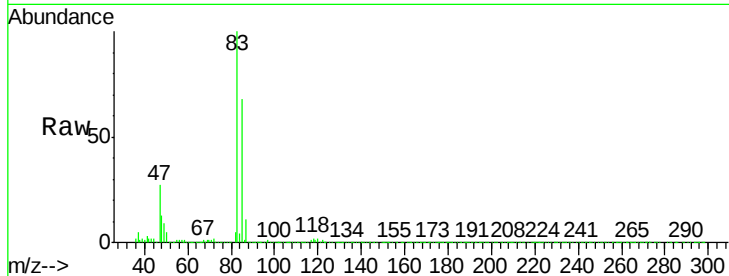
#25
Chloroform
Concen: 19.135 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.5	75.7

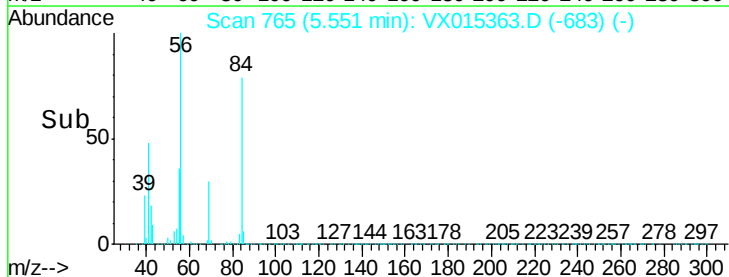
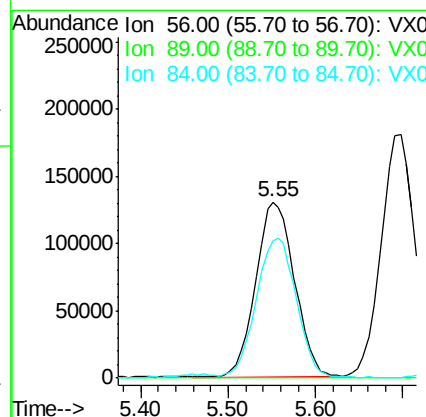
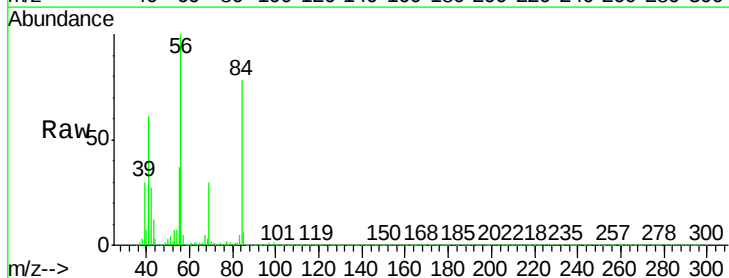
Manual Integrations
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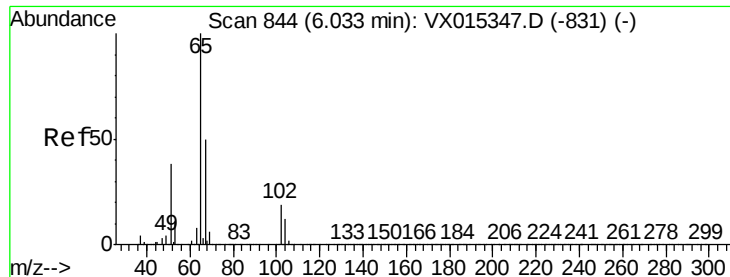
apatel
3/27/2020 6:00:00 PM



#26
Cyclohexane
Concen: 18.901 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.1	0.1	0.1#
84	81.9	66.1	99.1





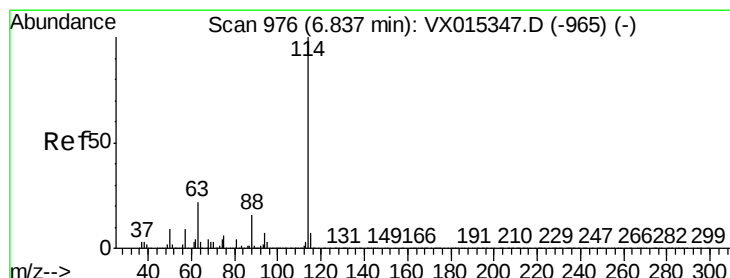
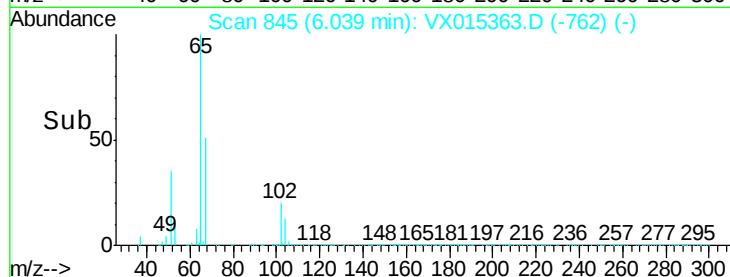
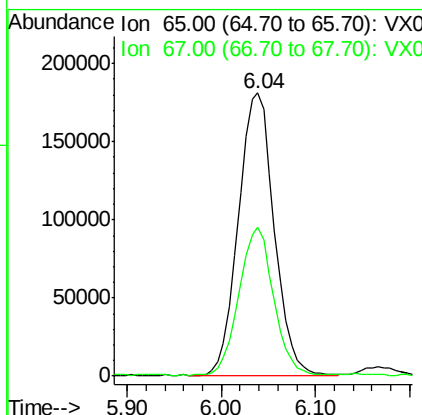
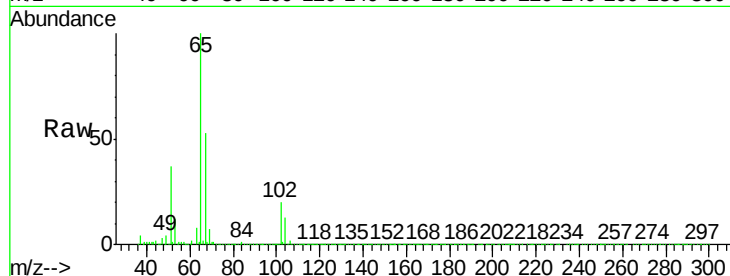
#27
 1,2-Dichloroethane-d4
 Concen: 31.131 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.4	40.9	61.3

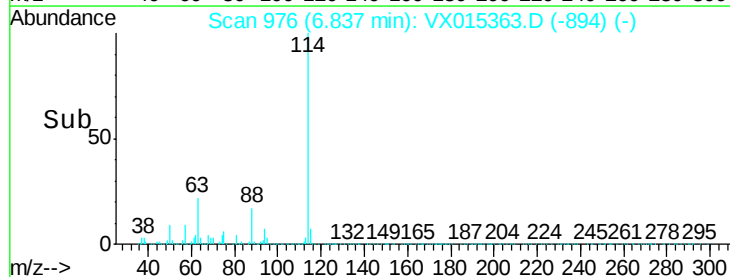
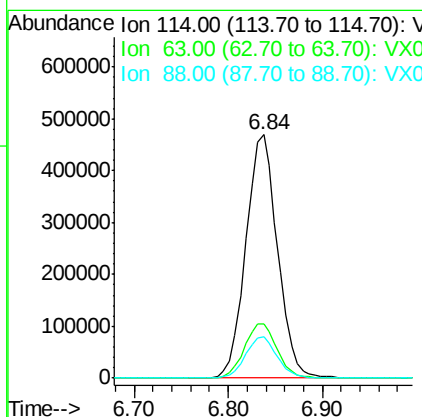
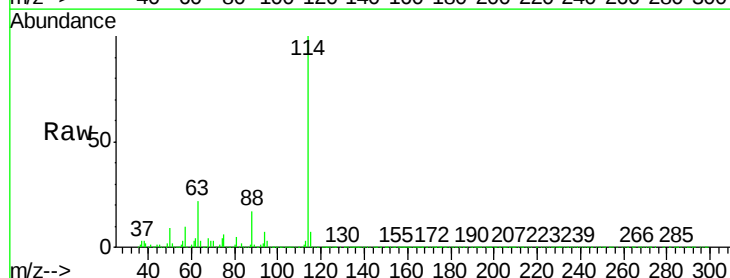
Manual Integrations
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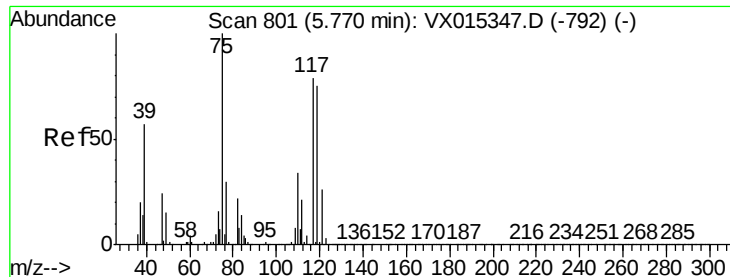
apatel
 3/27/2020 6:00:00 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.4	17.4	26.2
88	16.9	12.9	19.3





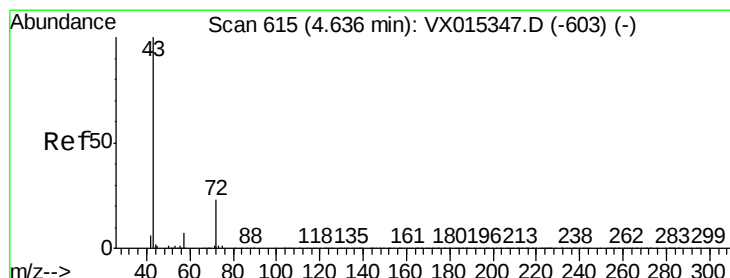
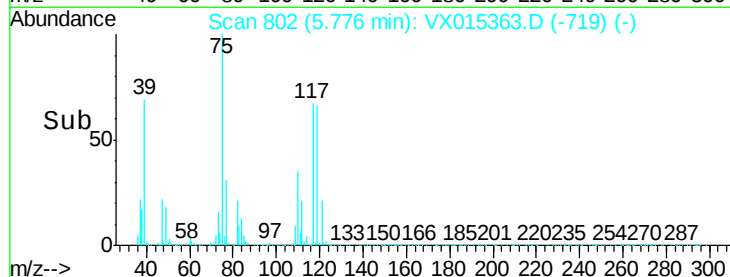
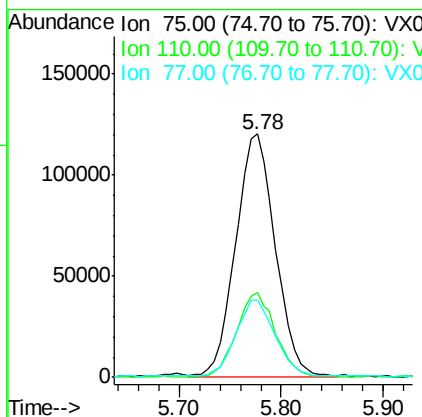
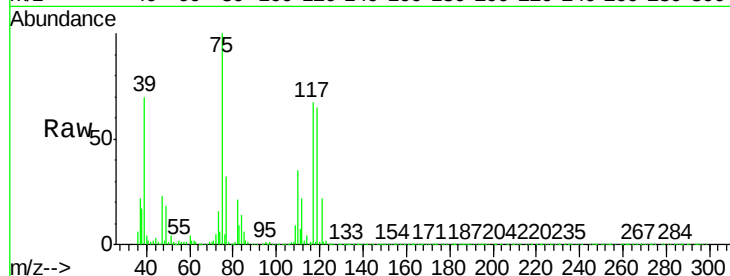
#29
 1,1-Dichloropropene
 Concen: 19.563 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	34.6	0.0	71.2
77	31.1	0.0	62.2

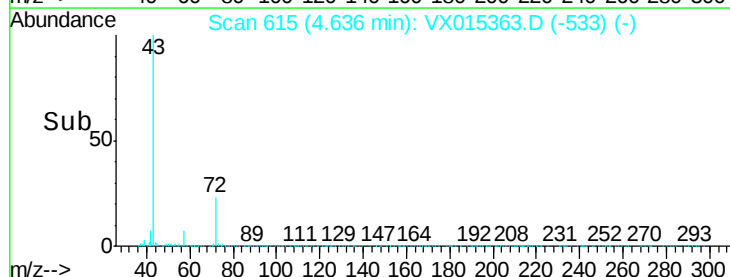
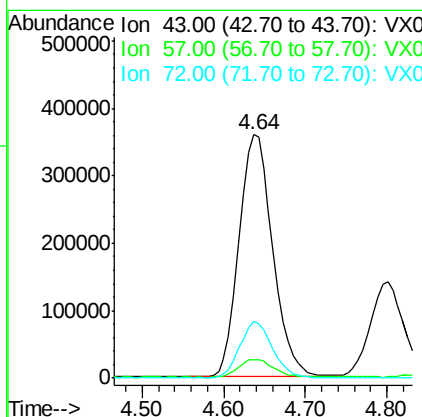
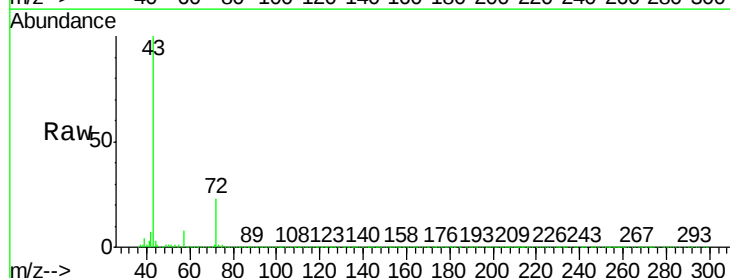
Manual Integrations
 APPROVED

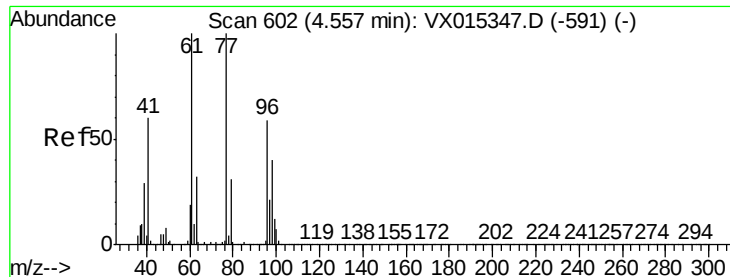
apatel
 3/27/2020 6:00:00 PM



#30
 2-Butanone
 Concen: 103.182 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.7	5.9	8.9
72	22.2	18.6	27.8





#31

2,2-Dichloropropane

Concen: 19.209 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 384281

Ion Ratio Lower Upper

77 100

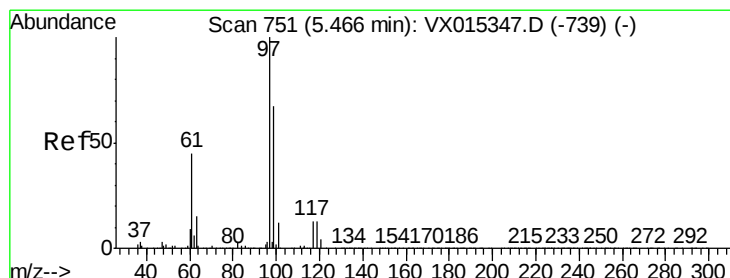
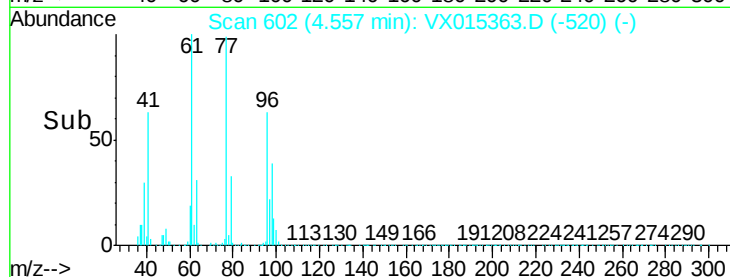
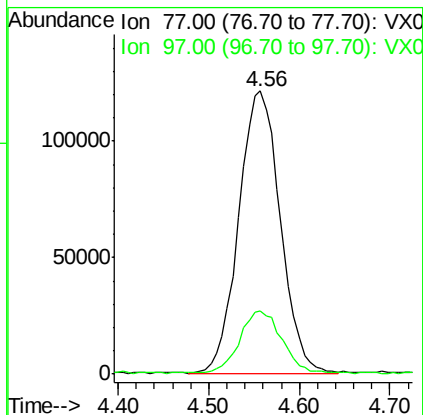
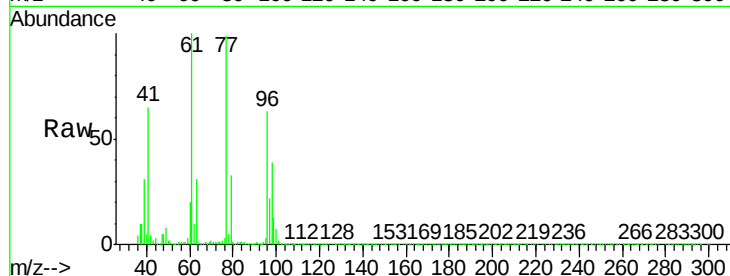
97 21.9 17.8 26.8

Manual Integrations

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apatel

3/27/2020 6:00:00 PM



#32

1,1,1-Trichloroethane

Concen: 19.291 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

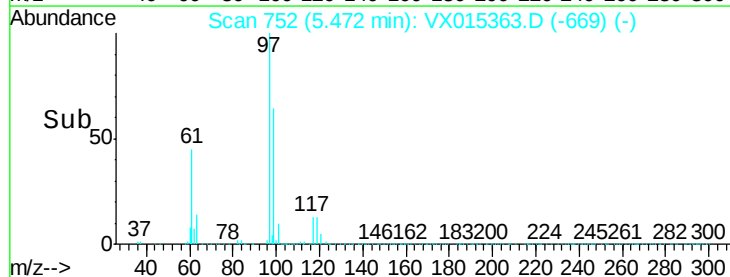
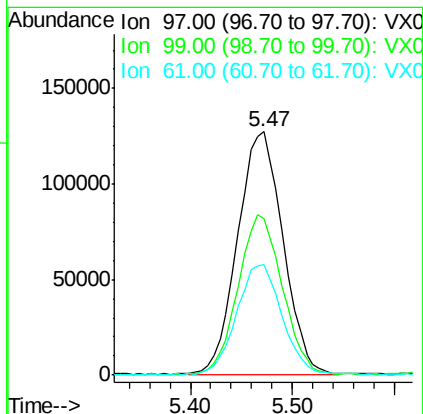
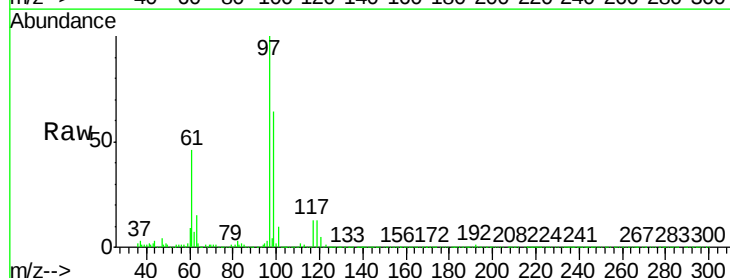
Tgt Ion: 97 Resp: 391273

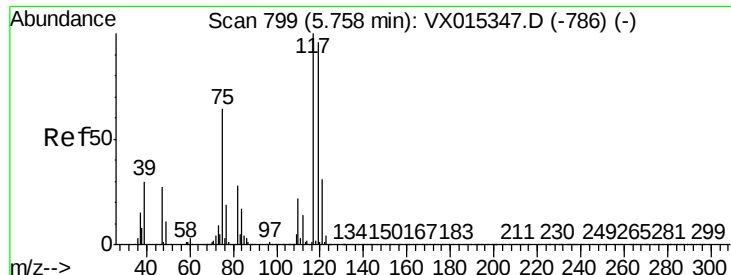
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 44.9 35.8 53.8





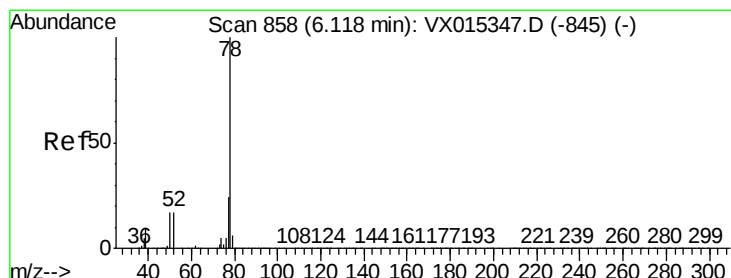
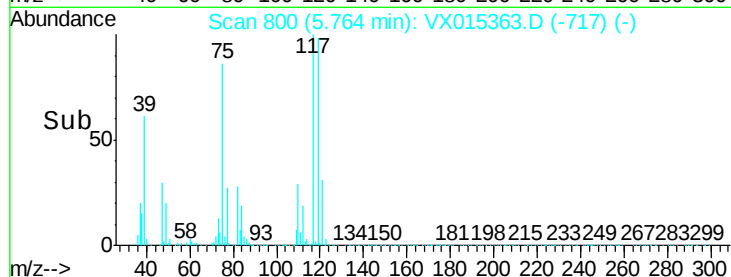
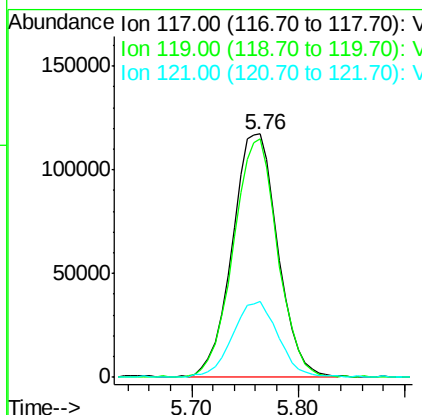
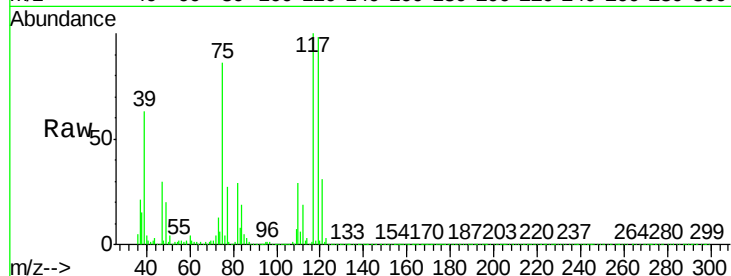
#33
Carbon Tetrachloride
Concen: 18.920 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	114.8
121	30.8	25.0	37.4

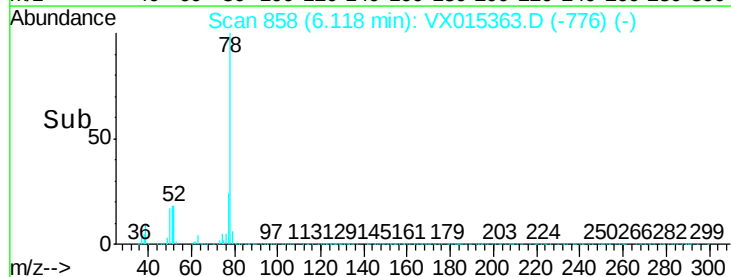
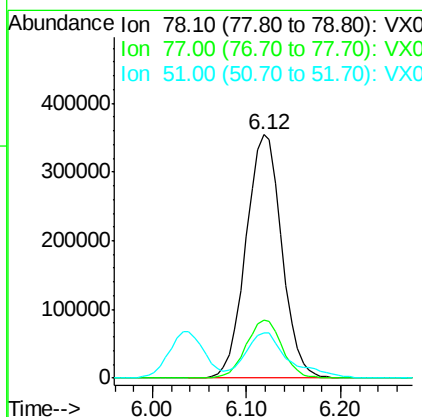
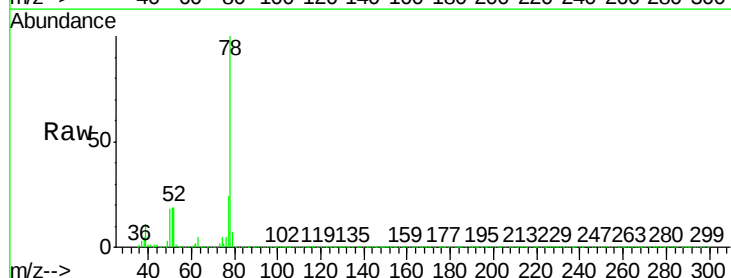
Manual Integrations
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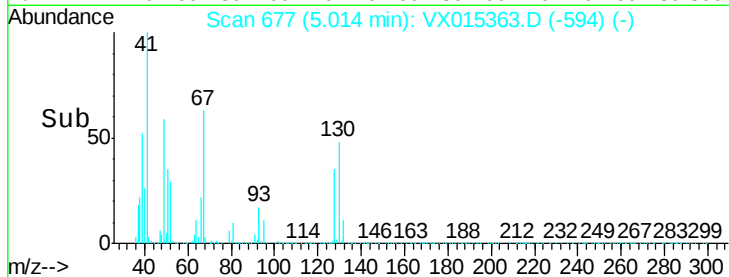
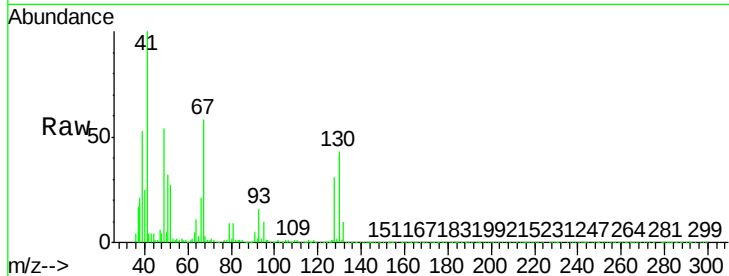
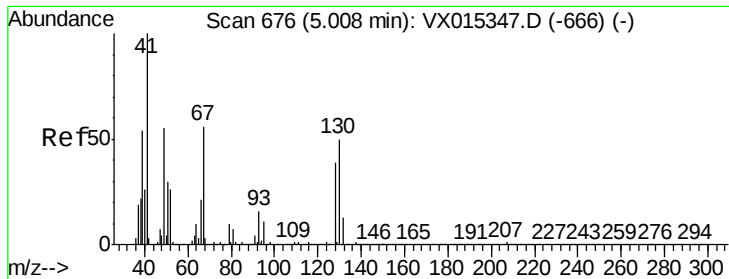
apatel
3/27/2020 6:00:00 PM



#34
Benzene
Concen: 19.579 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

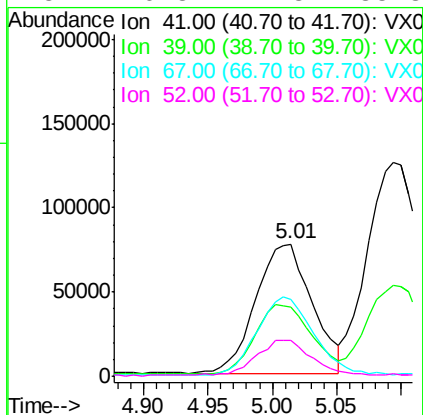
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2
51	17.5	14.6	21.8





#35
Methacrylonitrile
Concen: 20.599 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

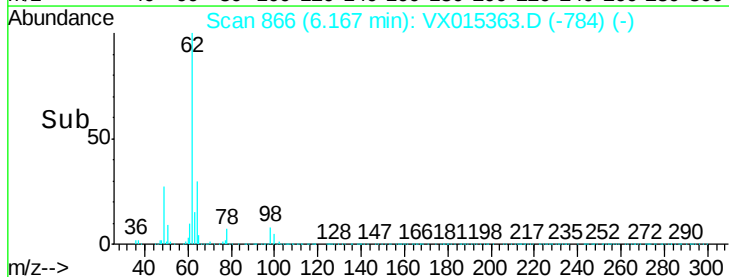
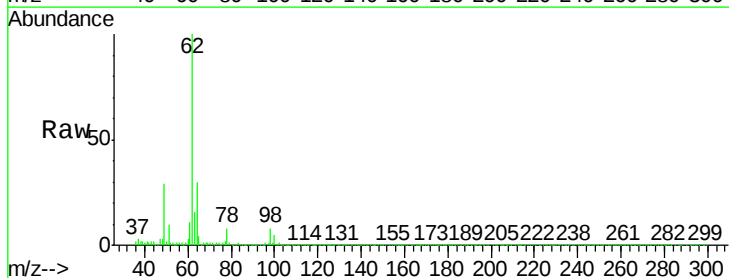
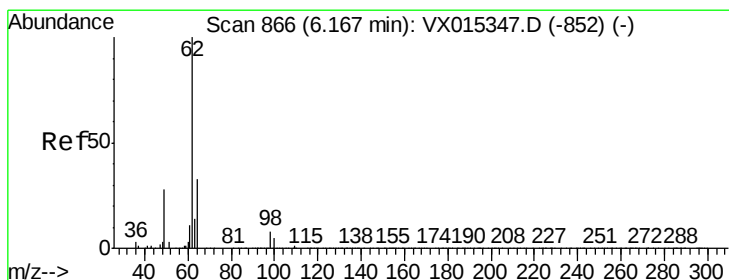
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.1	27.0	81.0
67	58.1	28.2	84.6
52	26.8	12.8	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

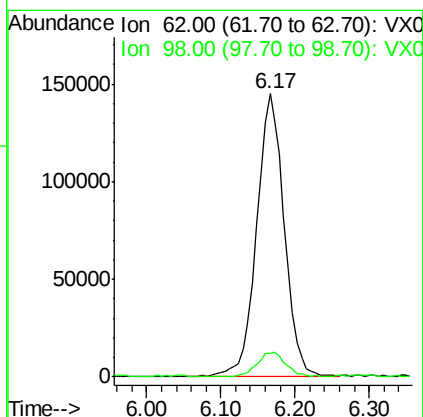
Manual Integrations
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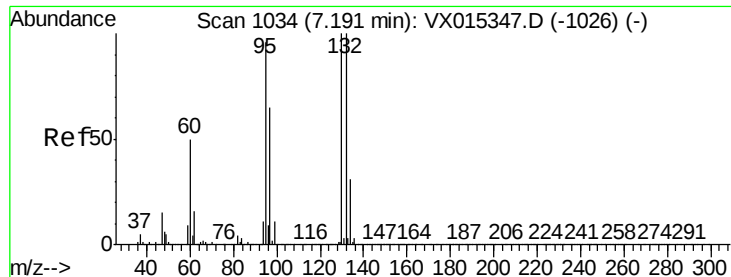
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#36
1,2-Dichloroethane
Concen: 20.171 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3





#37

Trichloroethene

Concen: 19.301 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 260386

Ion Ratio Lower Upper

130 100

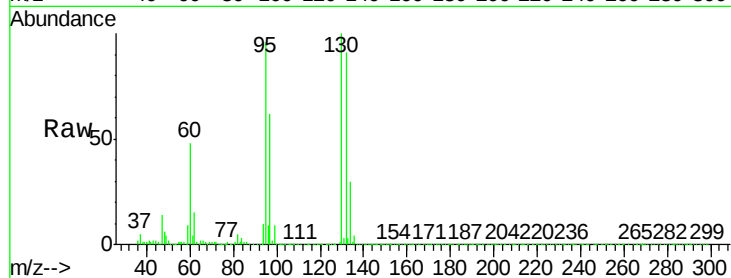
95 95.8 76.4 114.6

Manual Integrations

APPROVED

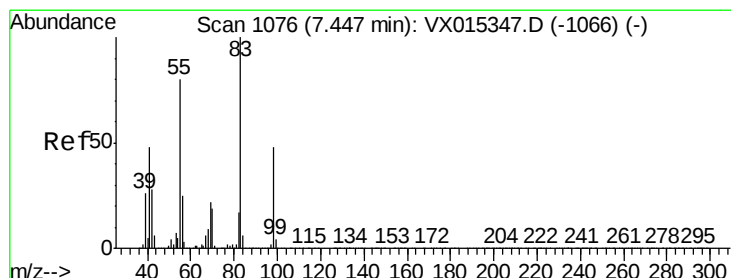
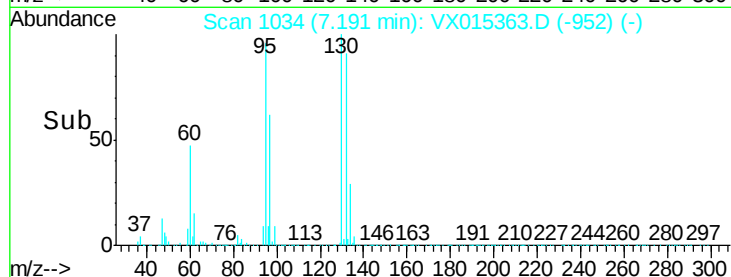
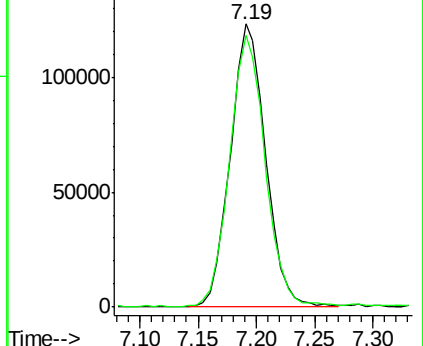
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.116 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

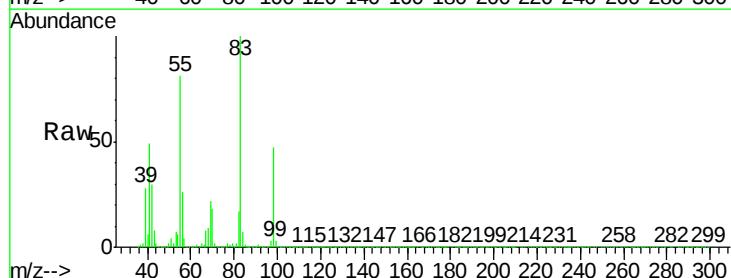
Tgt Ion: 83 Resp: 389581

Ion Ratio Lower Upper

83 100

55 83.5 41.3 124.1

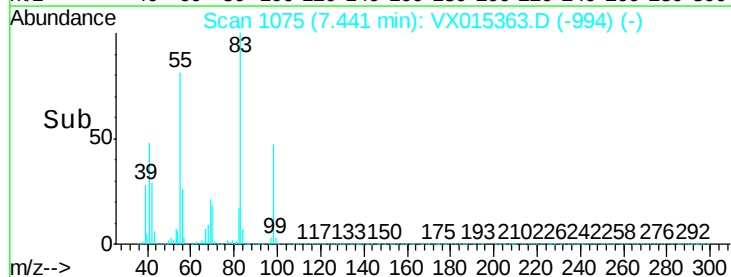
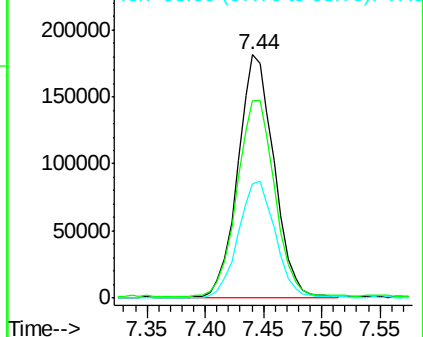
98 49.4 24.0 72.0

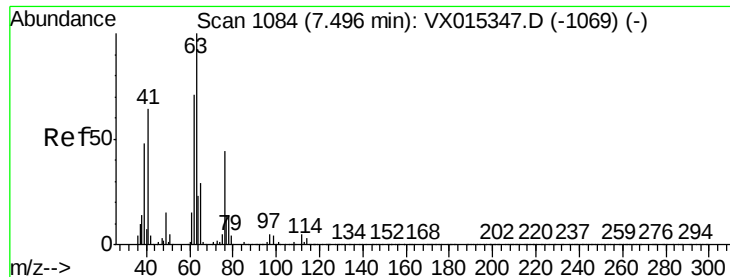


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





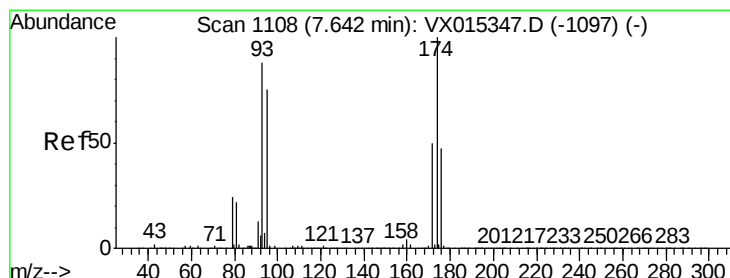
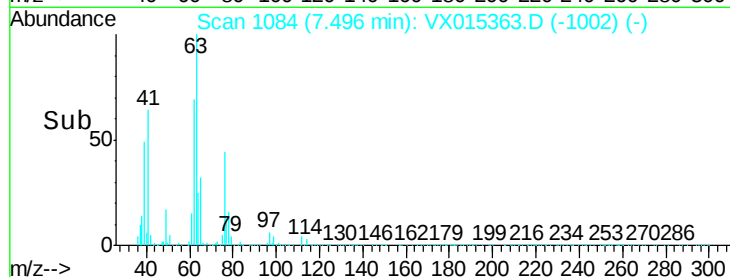
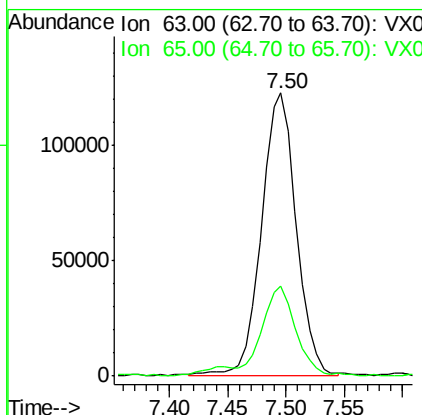
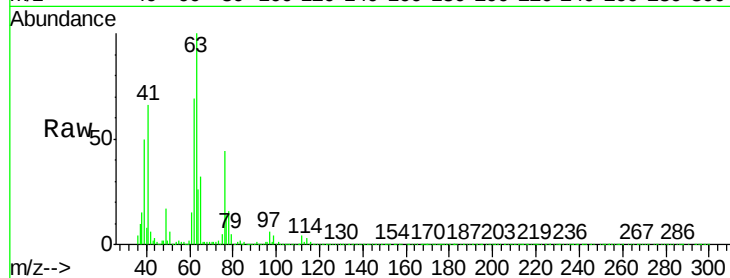
#39
 1,2-Dichloropropane
 Concen: 19.590 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.0	34.4

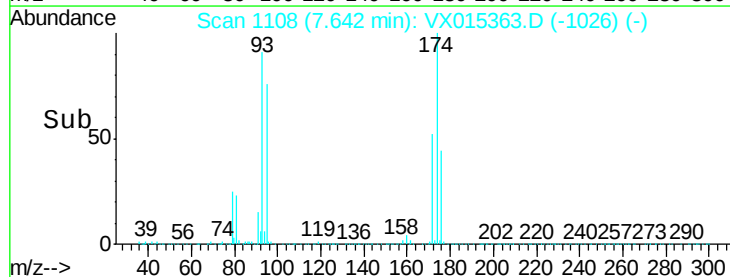
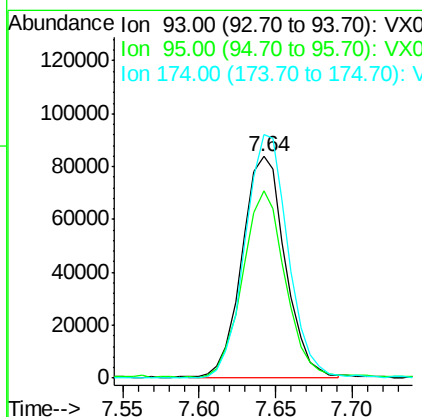
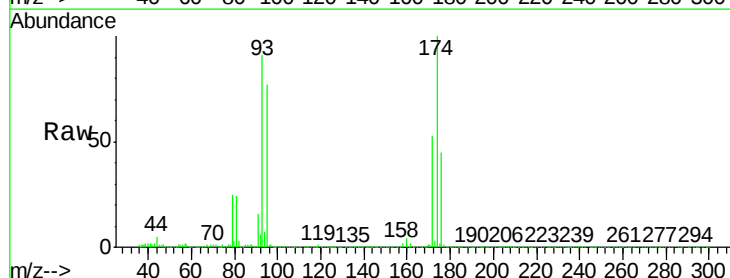
Manual Integrations
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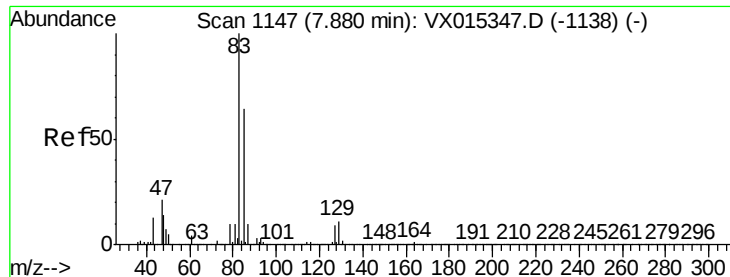
apatel
 3/27/2020 6:00:00 PM



#40
 Dibromomethane
 Concen: 19.152 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	0.0	166.4
174	109.2	0.0	225.4





#41

Bromodichloromethane

Concen: 19.135 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

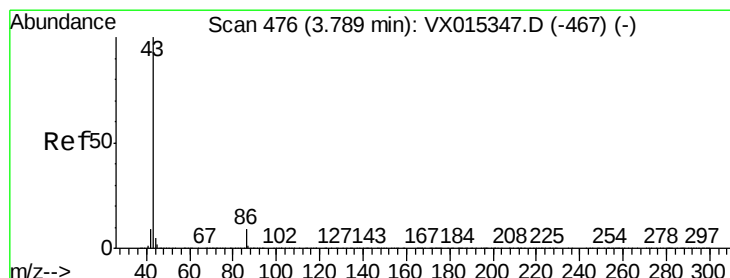
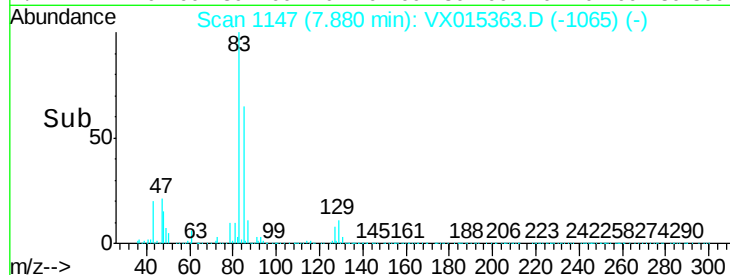
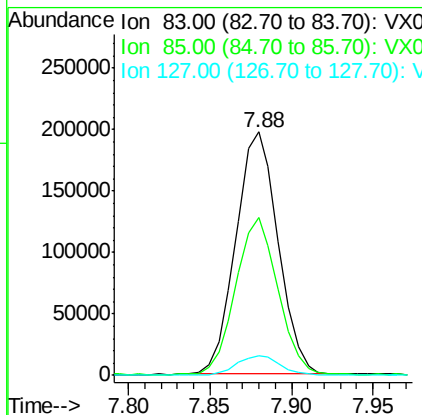
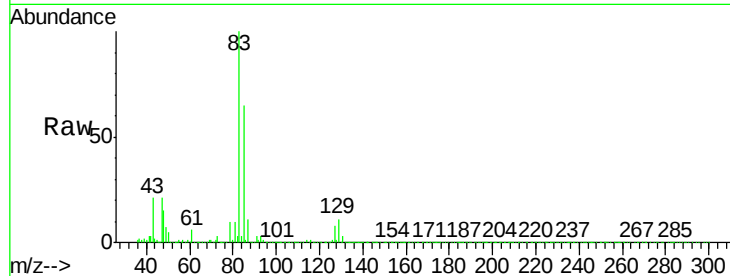
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	356220
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.6	77.4
127	7.9	7.0	10.4

Manual Integrations
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apatel
3/27/2020 6:00:00 PM



#42

Vinyl Acetate

Concen: 104.368 ug/l

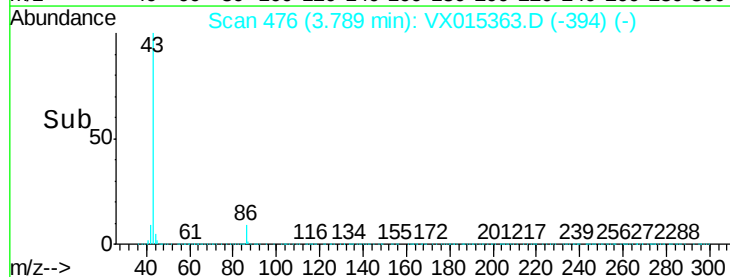
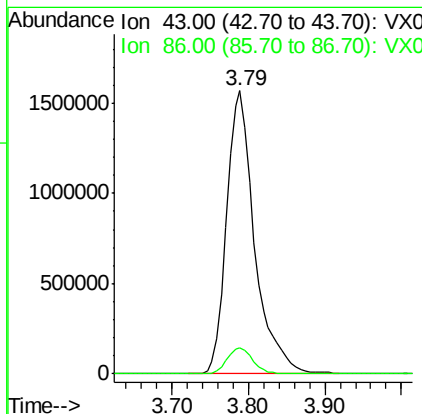
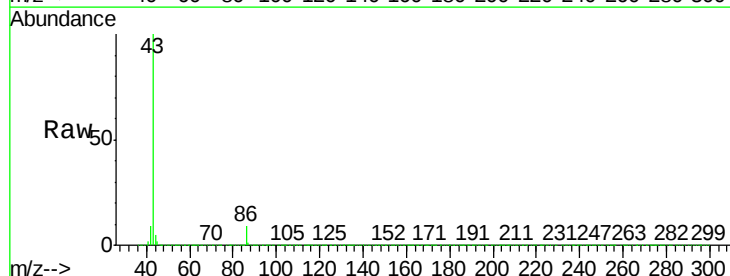
RT: 3.79 min Scan# 476

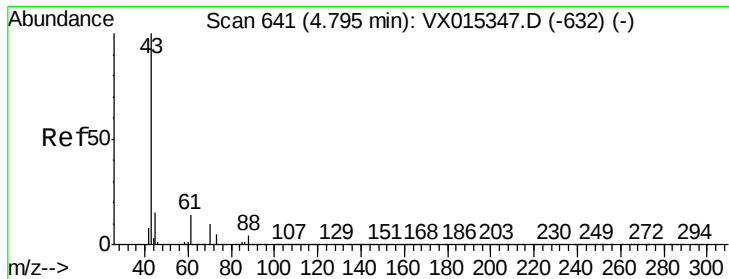
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	43	Resp:	3940963
Ion Ratio	Lower	Upper	
43	100		
86	8.4	6.9	10.3





#43

Ethyl Acetate

Concen: 18.386 ug/l

RT: 4.80 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 398562

Ion Ratio Lower Upper

43 100

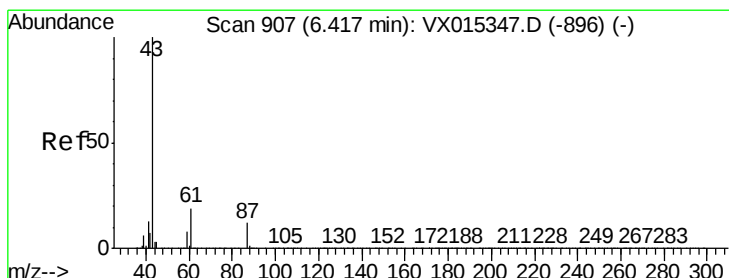
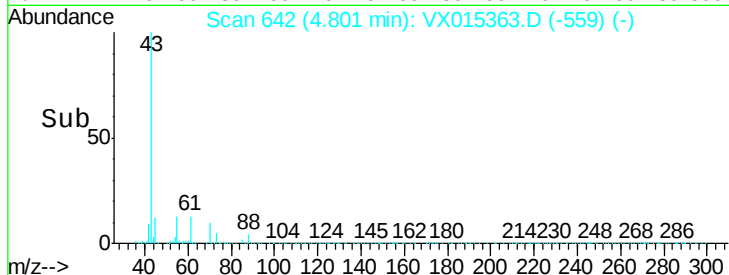
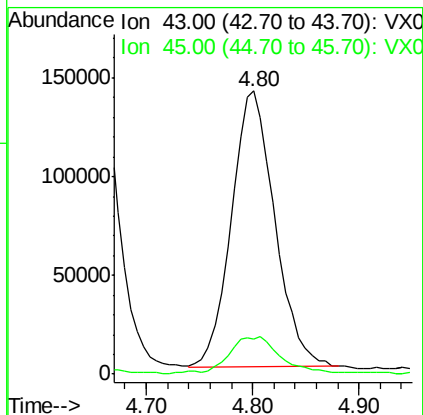
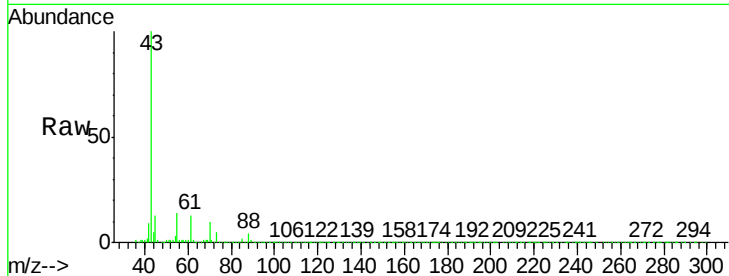
45 7.4 12.2 18.4#

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#44

Isopropyl Acetate

Concen: 20.165 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015363.D

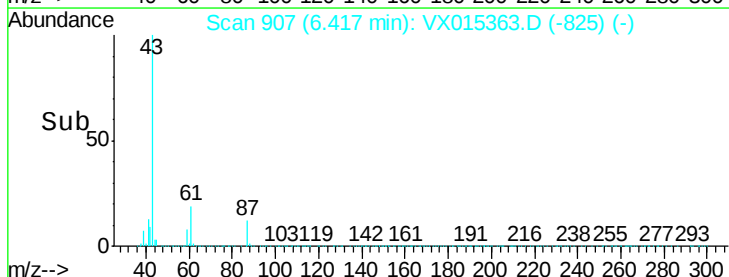
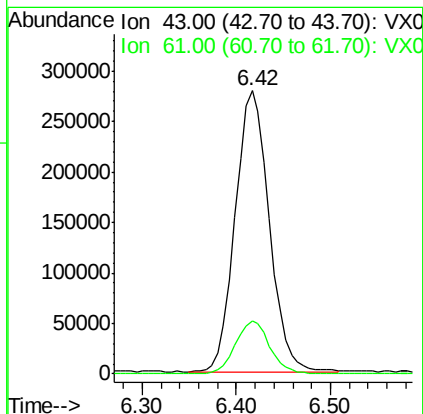
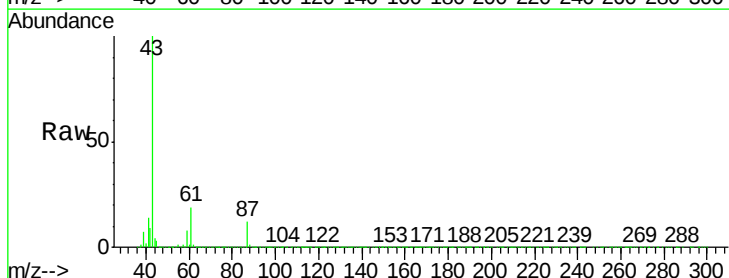
Acq: 26 Mar 2020 18:01

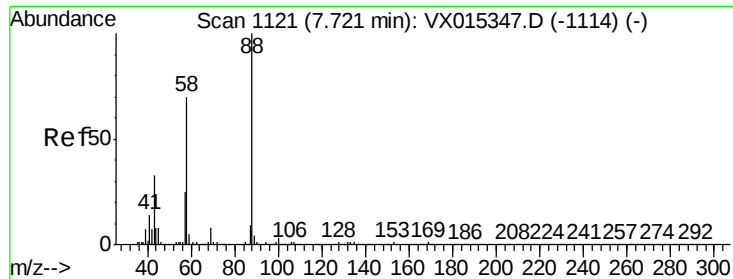
Tgt Ion: 43 Resp: 703506

Ion Ratio Lower Upper

43 100

61 19.0 14.6 22.0





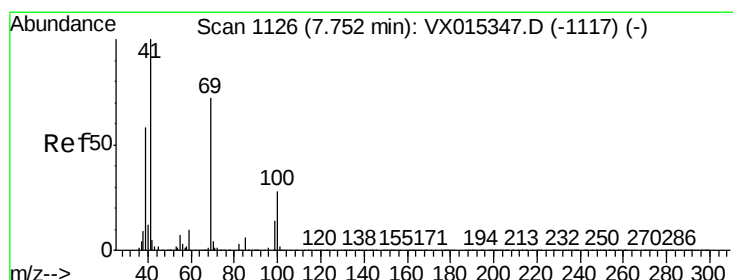
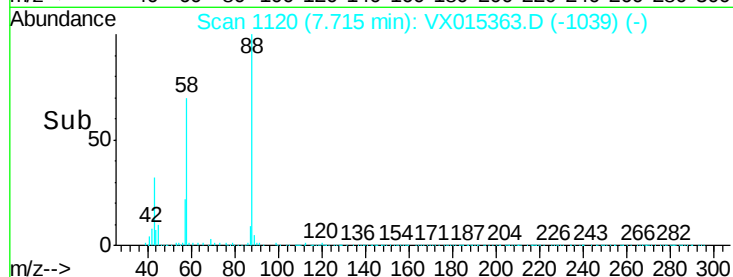
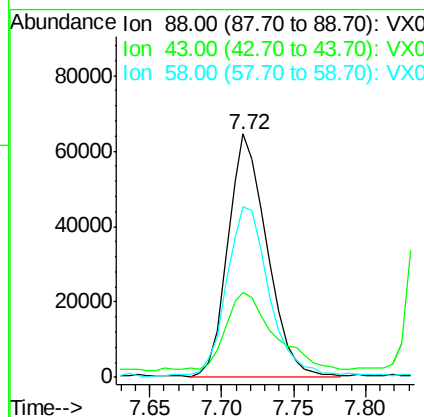
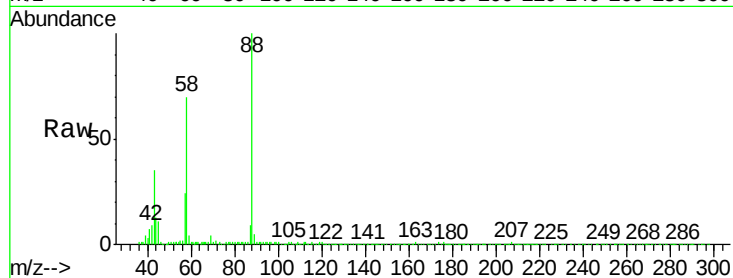
#45
1,4-Dioxane
Concen: 378.214 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	32.1	48.1
58	73.6	59.4	89.0

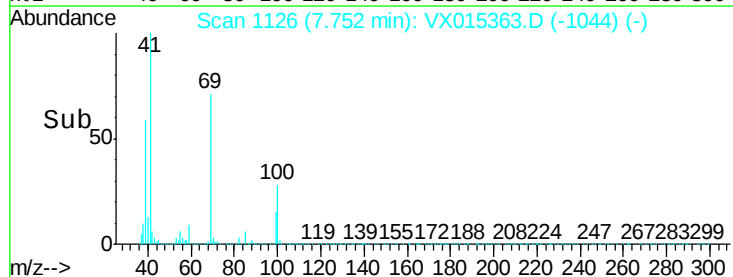
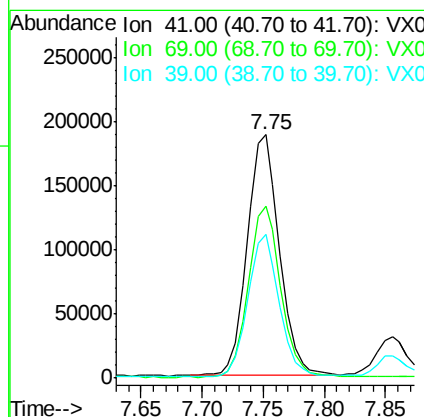
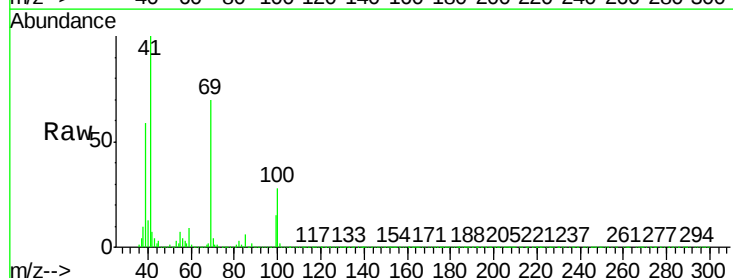
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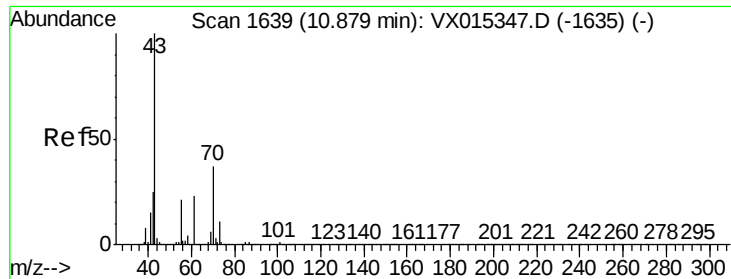
apatel
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#46
Methyl methacrylate
Concen: 19.797 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.8	35.8	107.4
39	58.7	28.9	86.8





#47

n-amvl Acetate

Concen: 19.313 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 580964

Ion Ratio Lower Upper

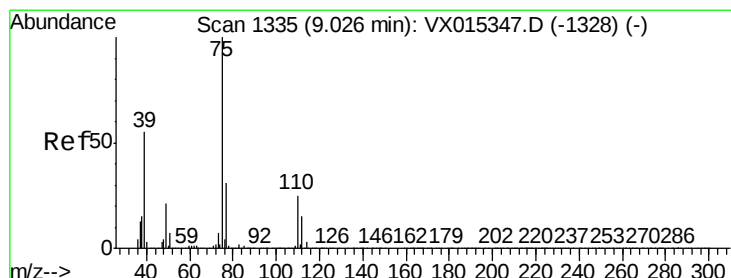
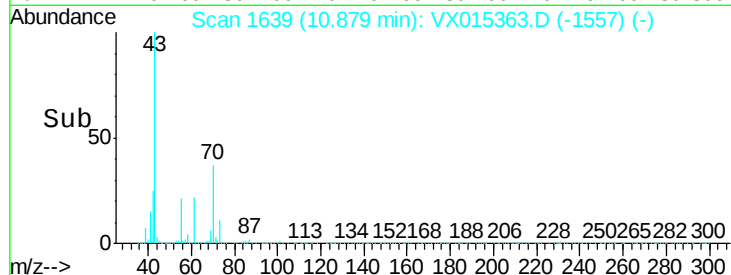
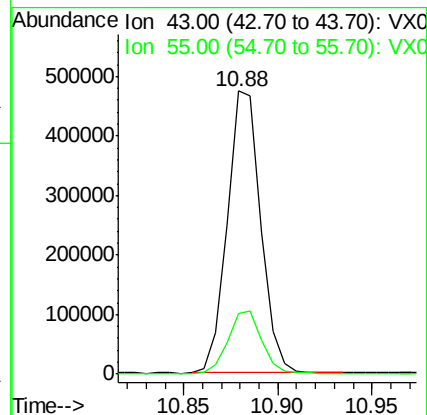
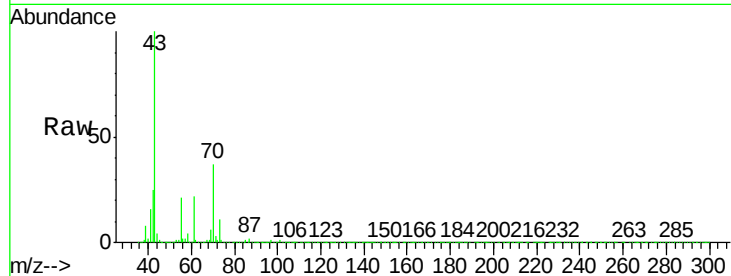
43 100

55 22.1 17.0 25.6

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#48

t-1,3-Dichloropropene

Concen: 19.134 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015363.D

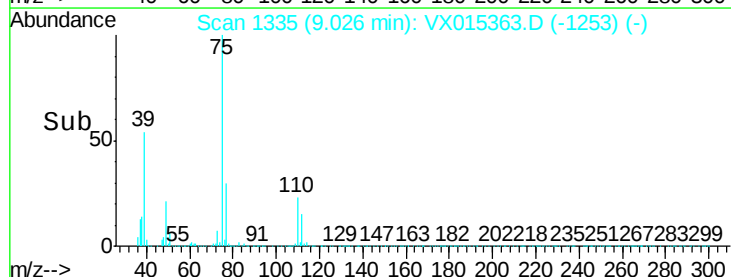
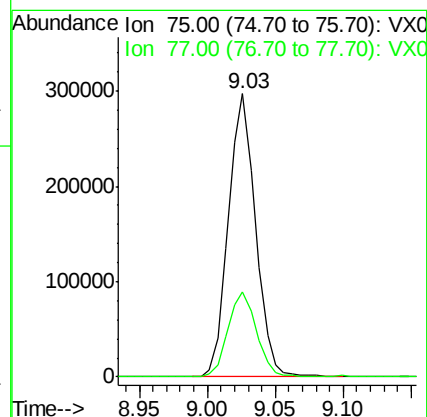
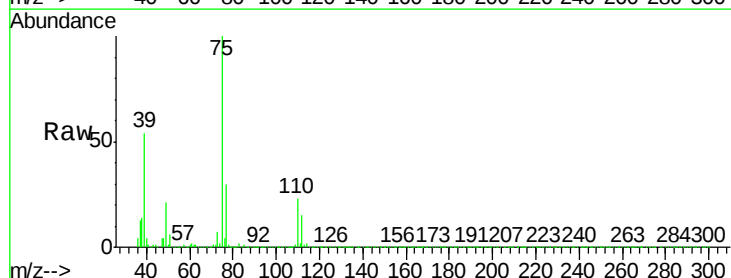
Acq: 26 Mar 2020 18:01

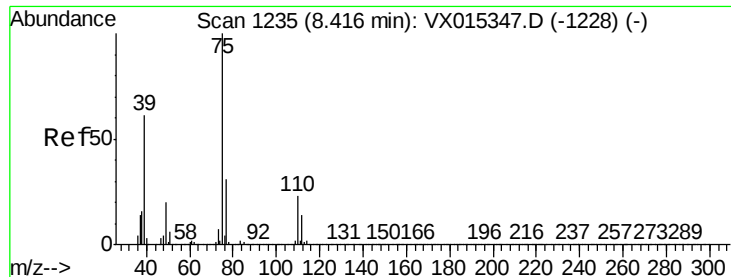
Tgt Ion: 75 Resp: 411207

Ion Ratio Lower Upper

75 100

77 29.7 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.271 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

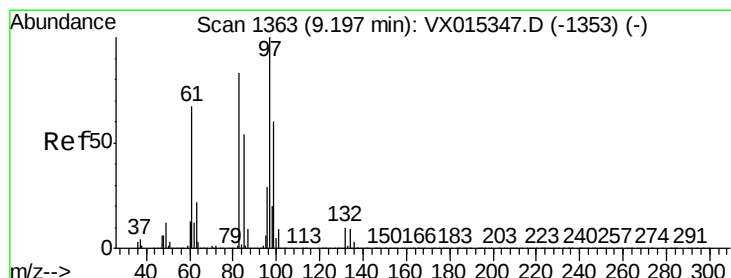
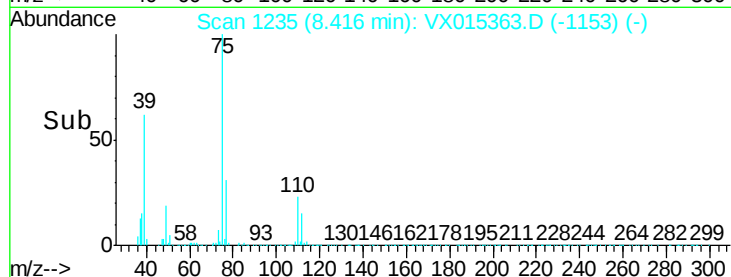
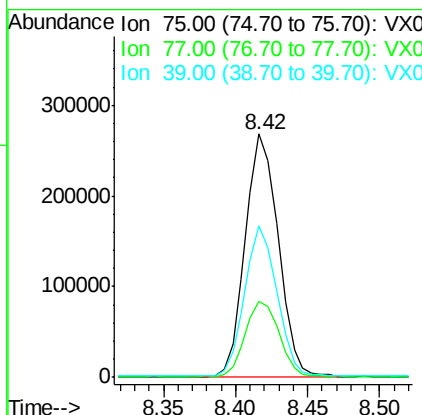
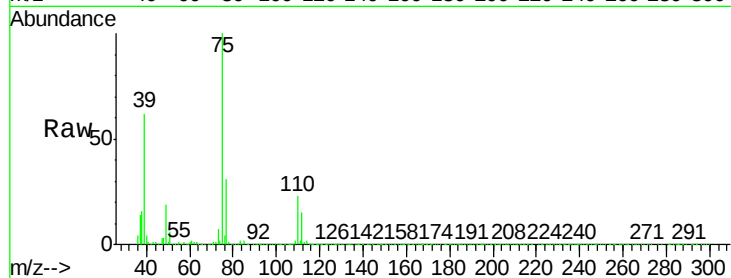
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	427492
Ion Ratio	Lower	Upper	
75	100		
77	30.8	24.6	36.8
39	61.6	48.9	73.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 19.096 ug/l

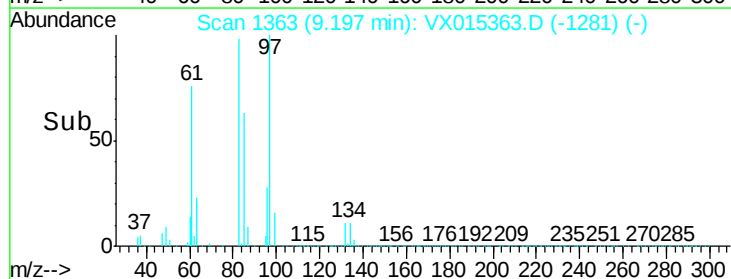
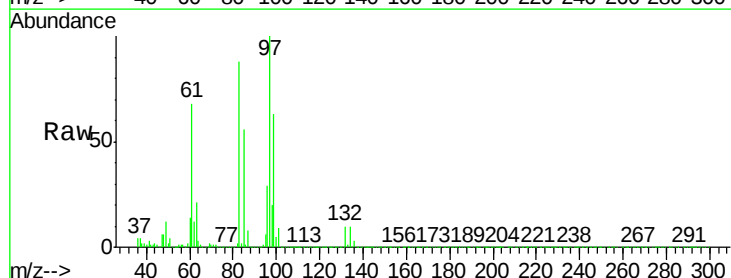
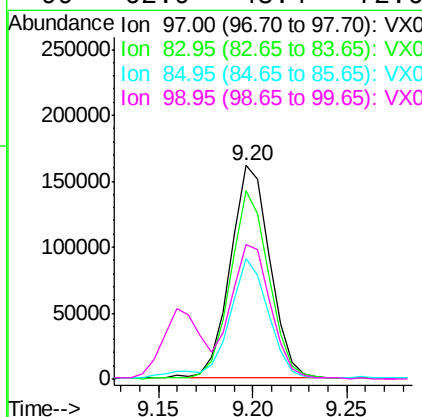
RT: 9.20 min Scan# 1363

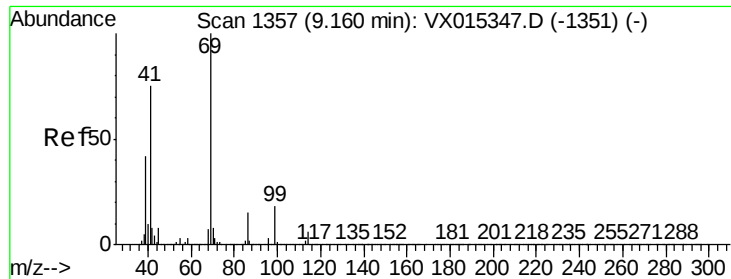
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	97	Resp:	234746
Ion Ratio	Lower	Upper	
97	100		
83	87.7	66.8	100.2
85	56.1	43.3	64.9
99	62.9	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.564 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

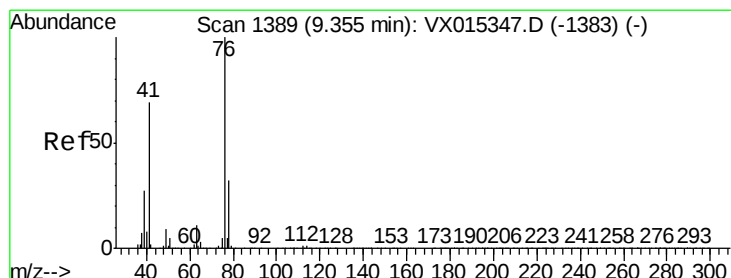
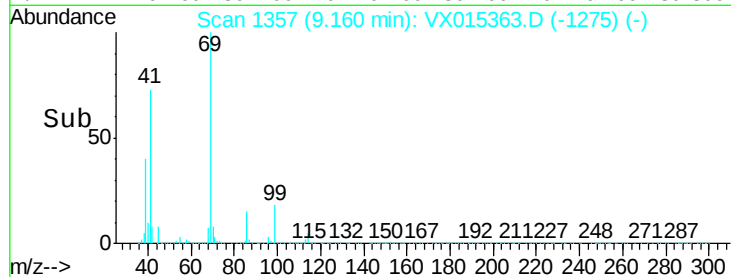
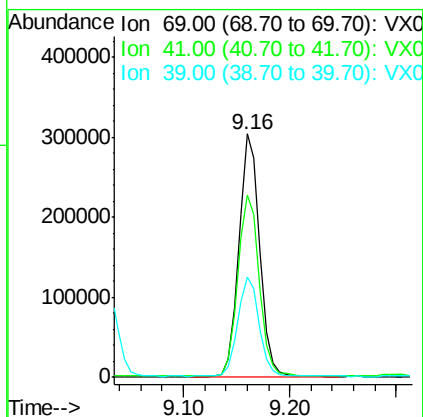
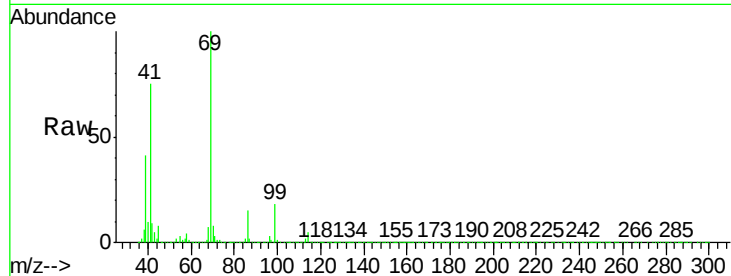
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	413634
Ion Ratio	Lower	Upper	
69	100		
41	74.3	37.4	112.2
39	40.9	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.174 ug/l

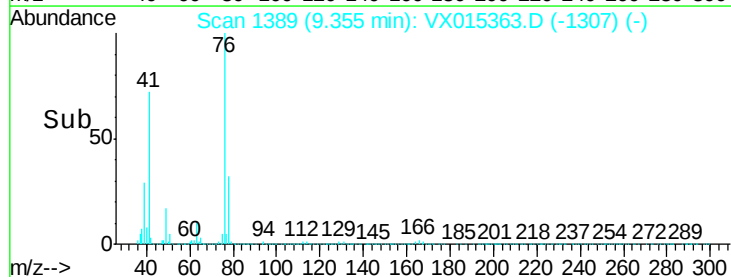
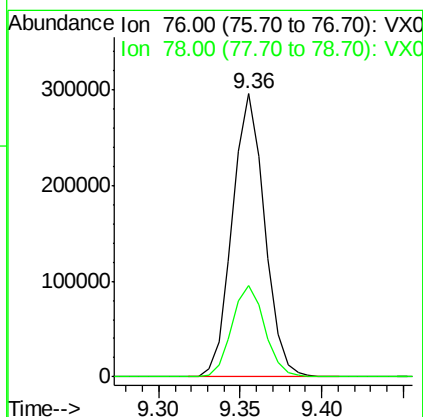
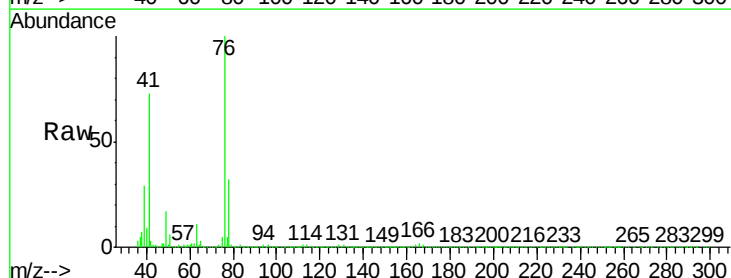
RT: 9.36 min Scan# 1389

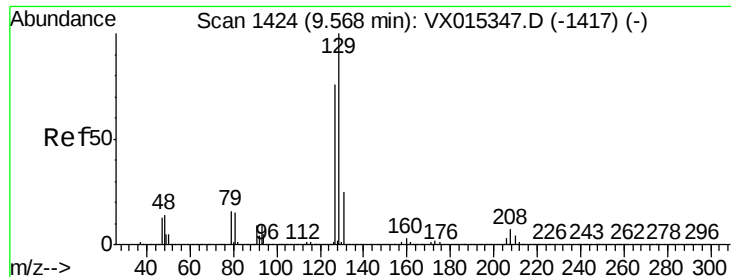
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	76	Resp:	407121
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	63.2





#53

Dibromochloromethane

Concen: 18.333 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 277823

Ion Ratio Lower Upper

129 100

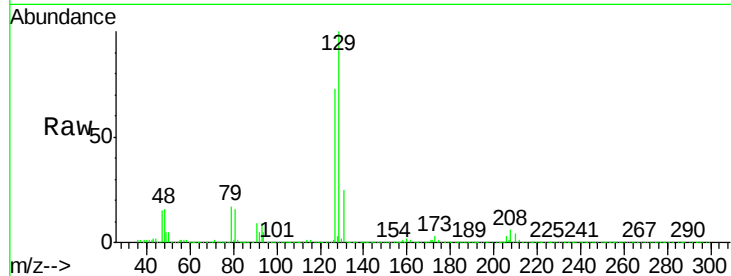
127 78.7 38.6 115.7

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

200000

150000

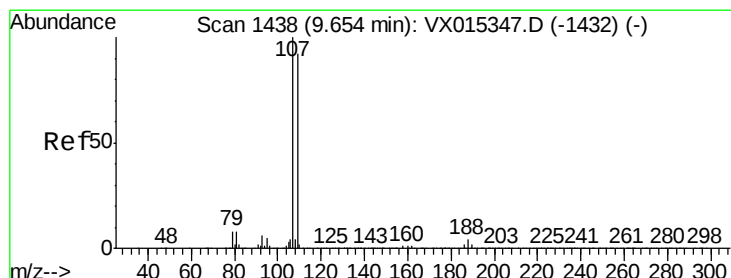
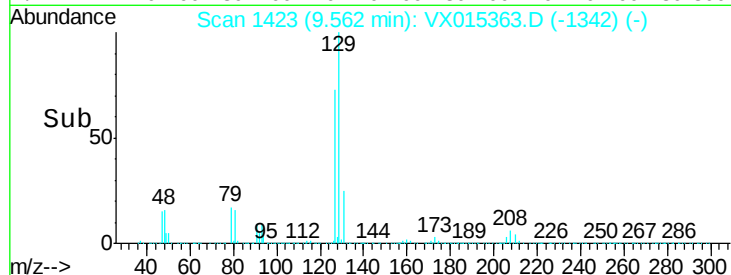
100000

50000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 19.383 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015363.D

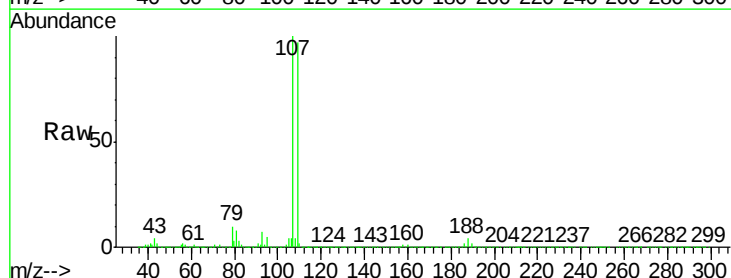
Acq: 26 Mar 2020 18:01

Tgt Ion:107 Resp: 255671

Ion Ratio Lower Upper

107 100

109 94.5 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

150000

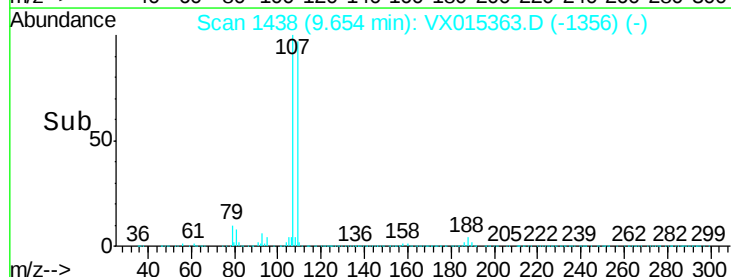
100000

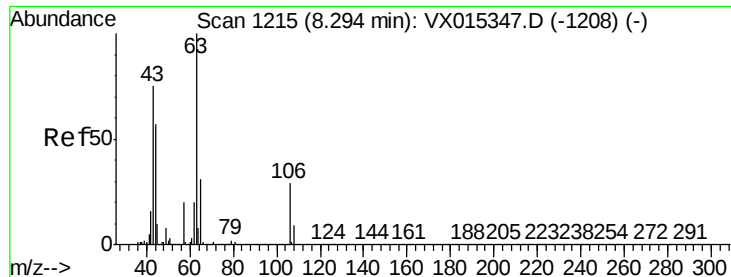
50000

0

9.60 9.65 9.70

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 96.816 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

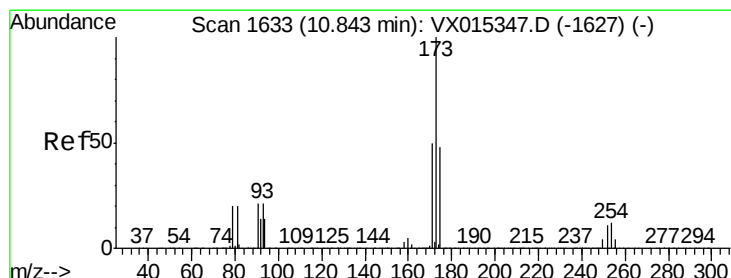
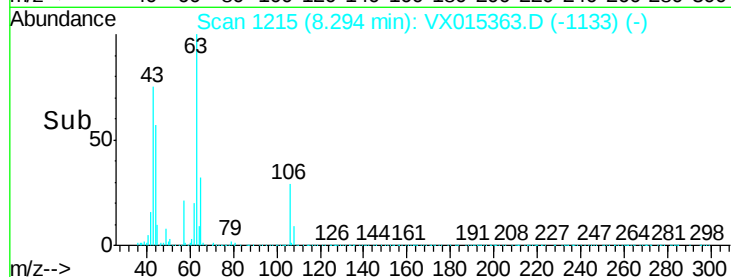
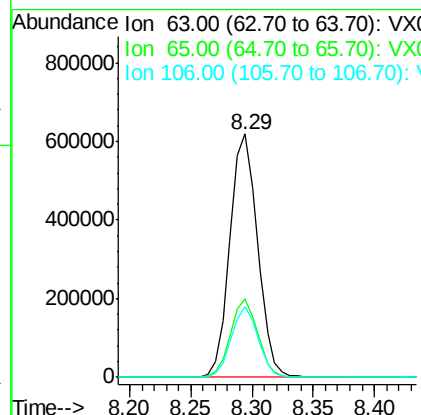
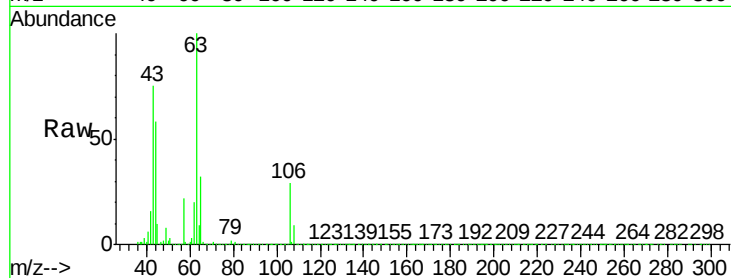
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	966771
Ion Ratio	Lower	Upper	
63	100		
65	31.9	25.5	38.3
106	28.1	23.1	34.7

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#56

Bromoform

Concen: 18.494 ug/l

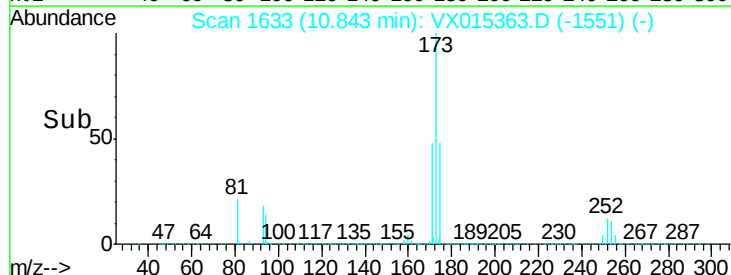
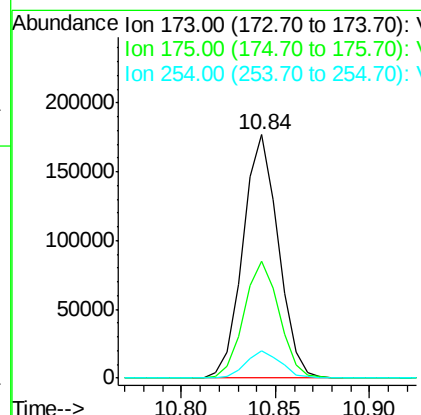
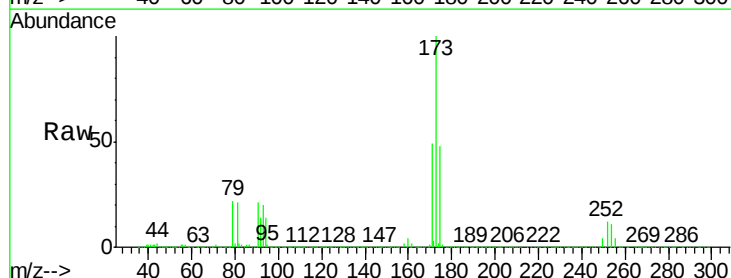
RT: 10.84 min Scan# 1633

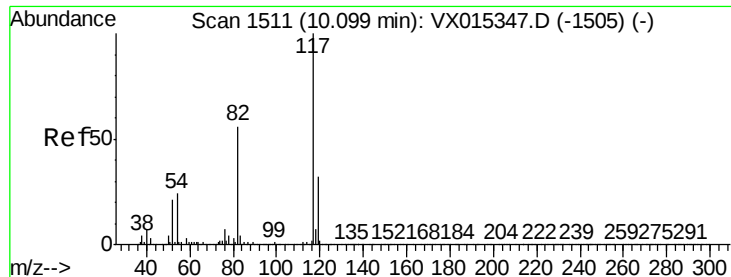
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	173	Resp:	230435
Ion Ratio	Lower	Upper	
173	100		
175	48.4	39.0	58.4
254	11.2	9.4	14.2





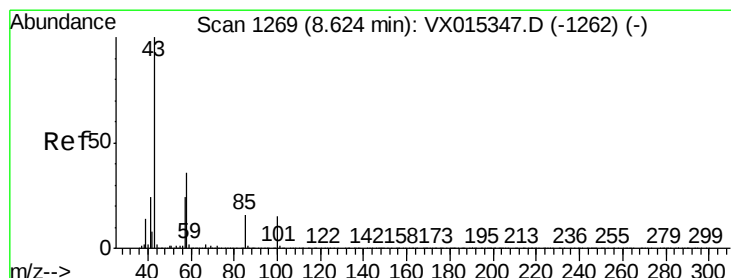
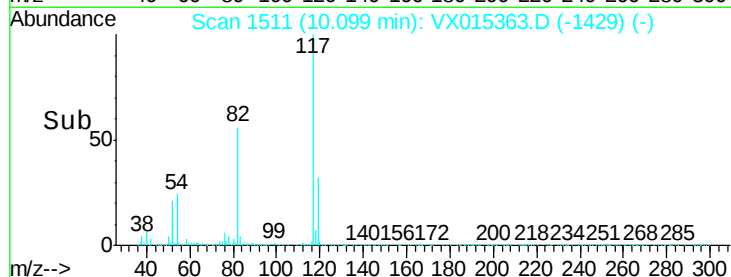
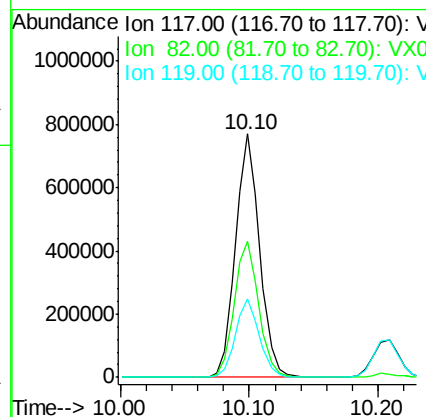
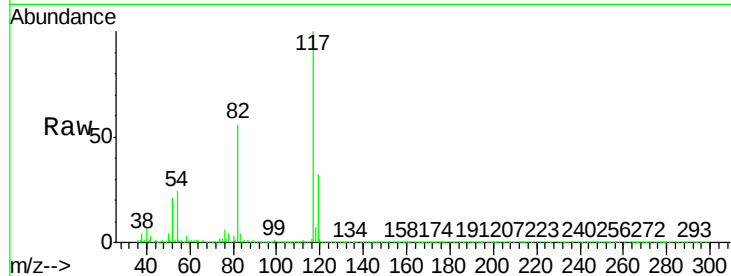
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.6
119	32.0	25.5	38.3

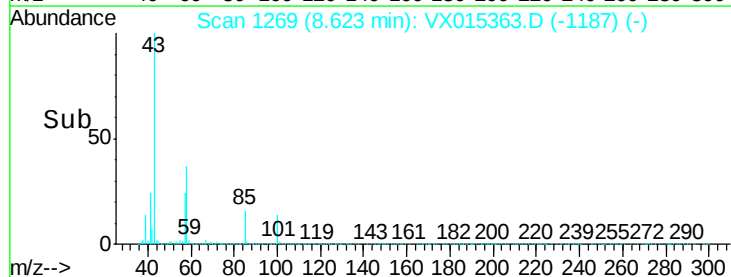
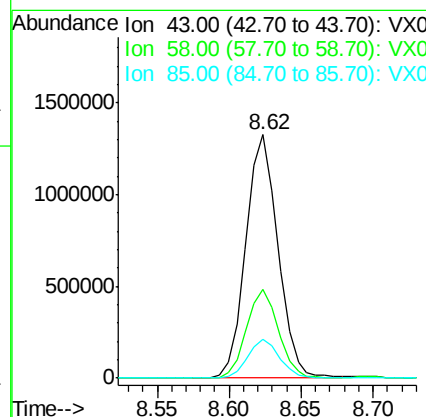
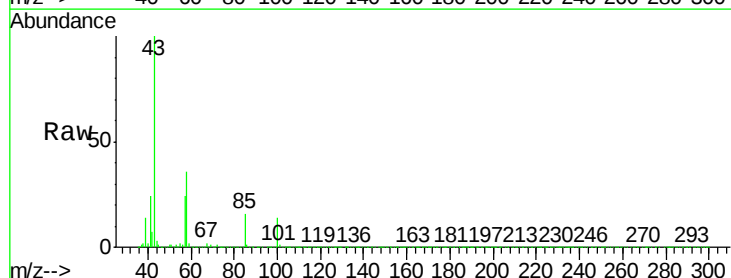
Manual Integrations
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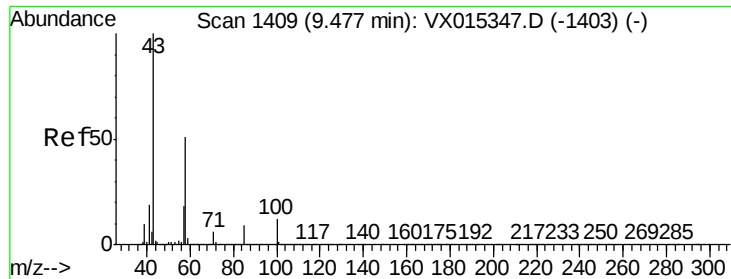
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#58
4-Methyl-2-Pentanone
Concen: 106.151 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.4	44.0
85	15.9	13.0	19.4





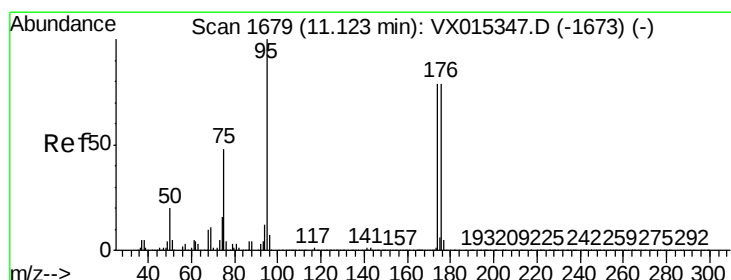
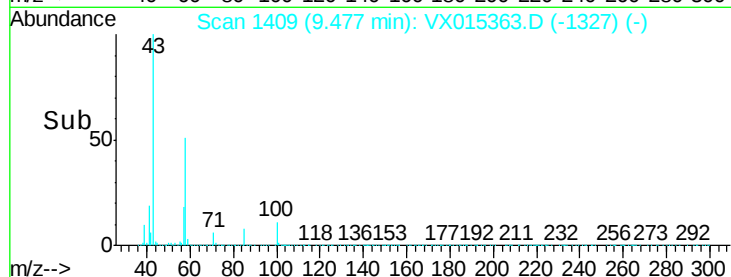
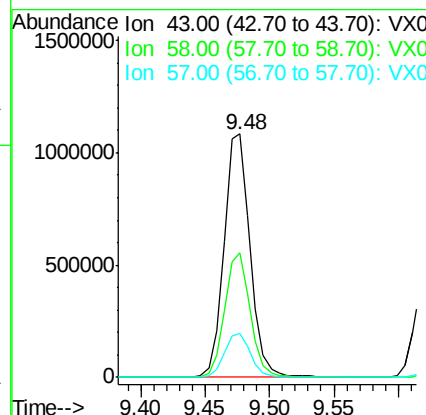
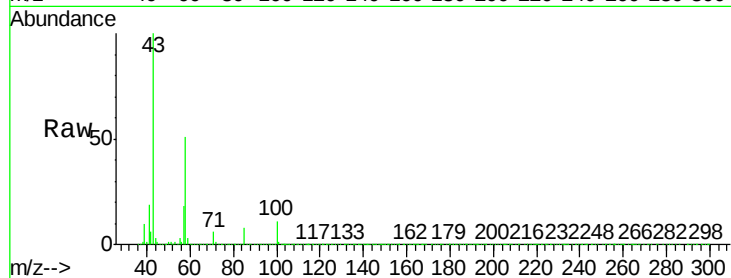
#59
2-Hexanone
Concen: 104.538 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.4	40.2	60.4
57	18.2	14.6	22.0

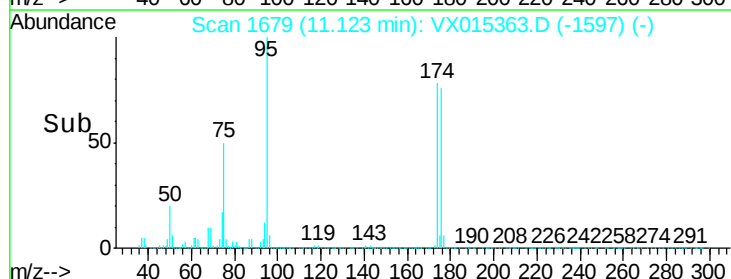
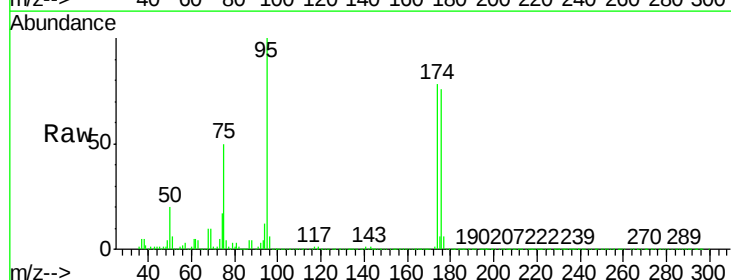
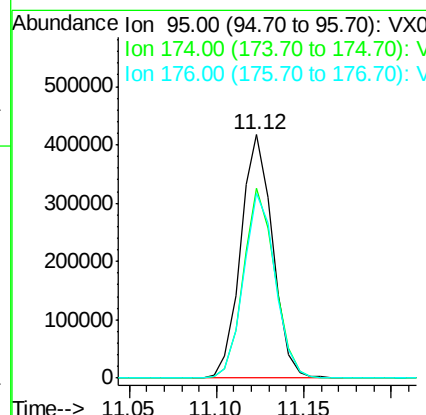
Manual Integrations
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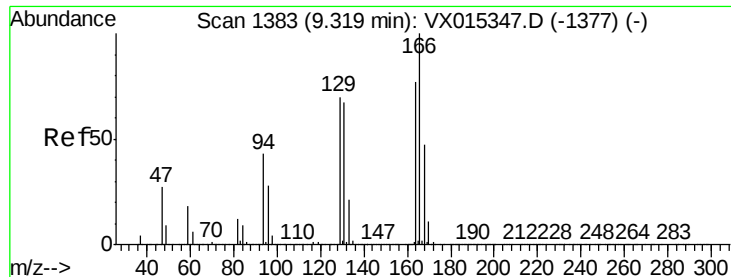
apatel
3/27/2020 6:00:00 PM



#60
4-Bromofluorobenzene
Concen: 30.597 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.6	66.4	99.6
176	76.0	64.1	96.1





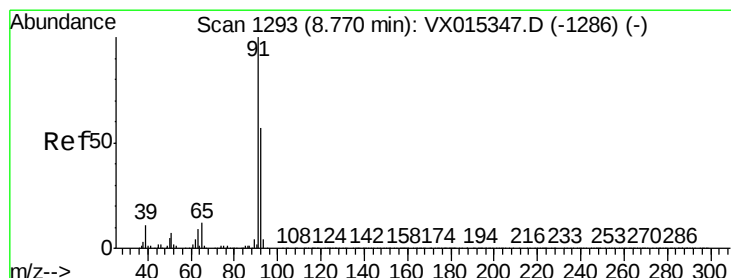
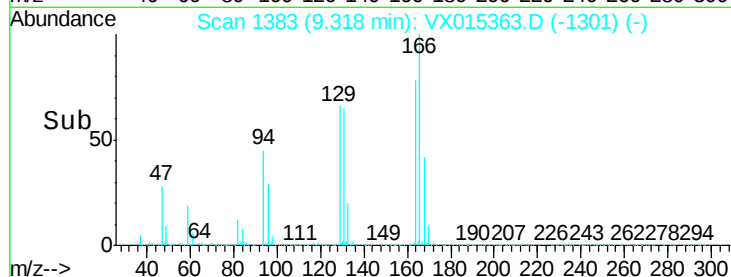
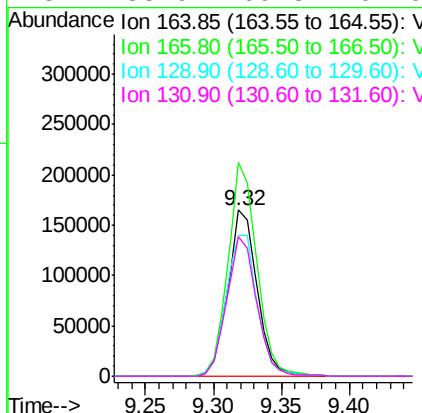
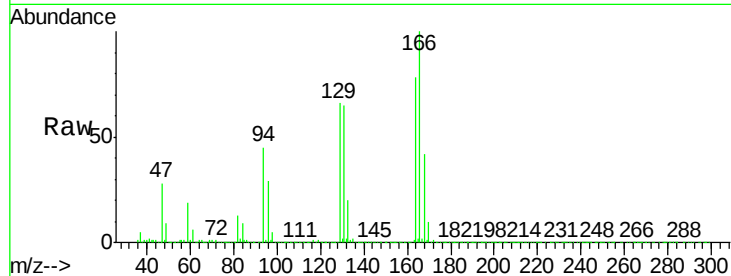
#61
Tetrachloroethene
Concen: 19.152 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.6	155.4
129	84.3	72.6	108.8
131	83.9	69.8	104.6

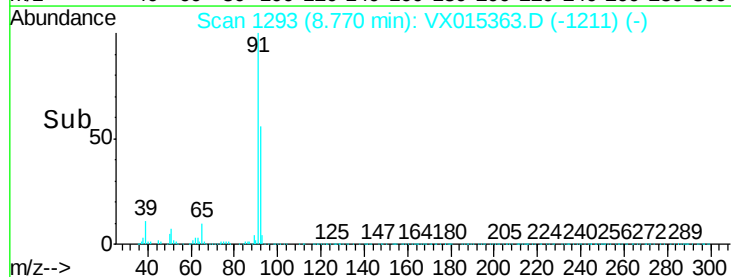
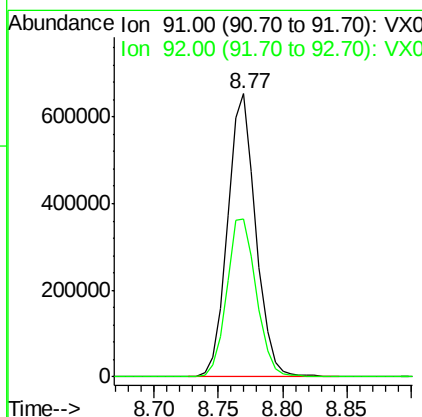
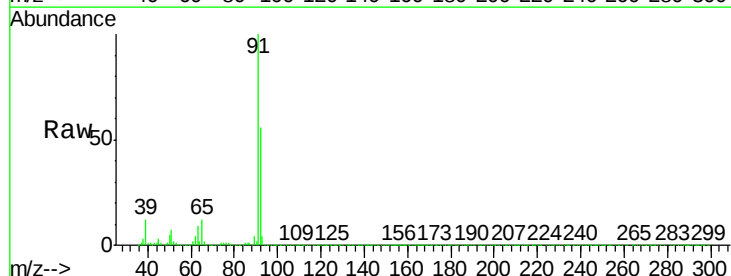
Manual Integrations
APPROVED

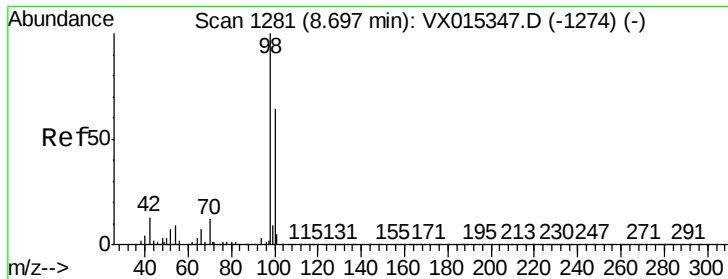
apatel
3/27/2020 6:00:00 PM



#62
Toluene
Concen: 19.626 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.7	70.1





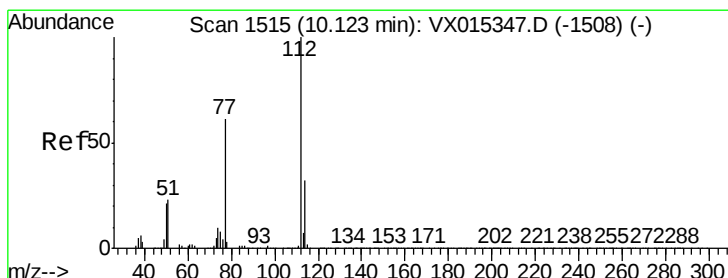
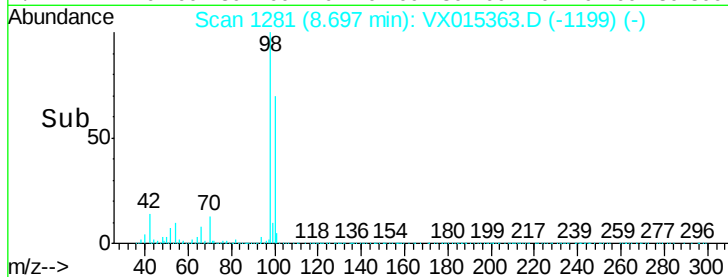
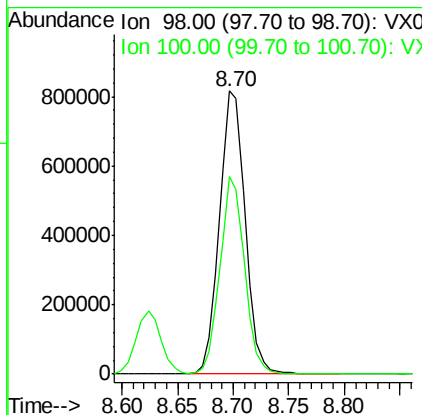
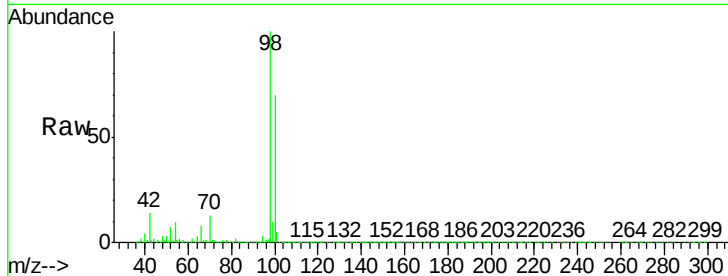
#63
Toluene-d8
Concen: 30.560 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 1304429
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.2

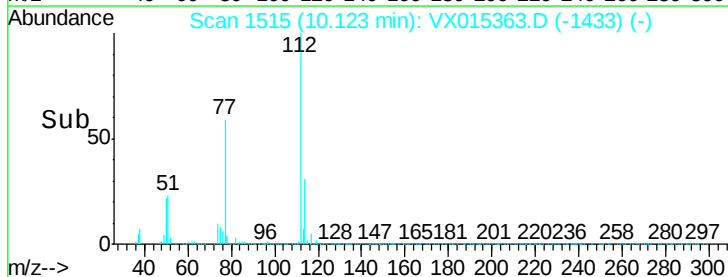
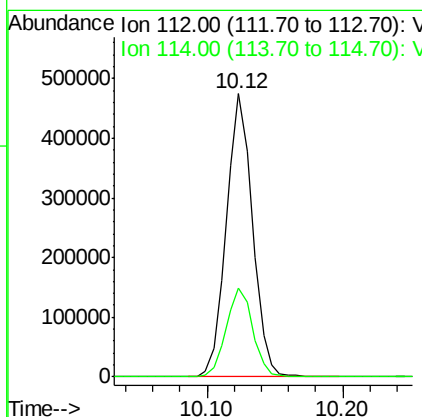
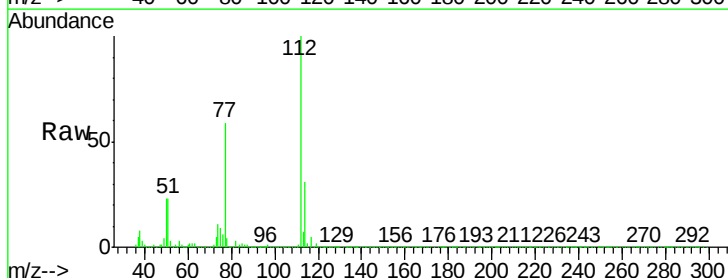
Manual Integrations
APPROVED

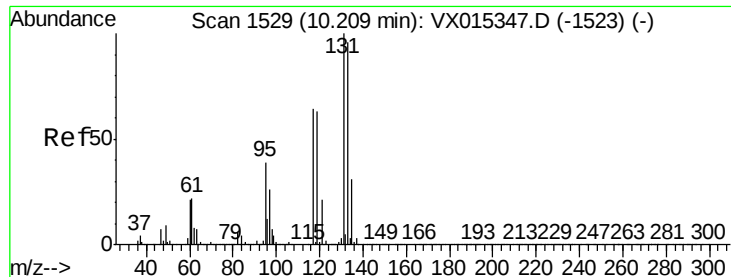
apatel
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#64
Chlorobenzene
Concen: 19.325 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion: 112 Resp: 632267
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.911 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

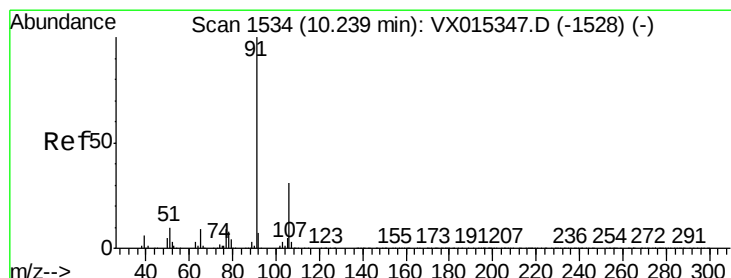
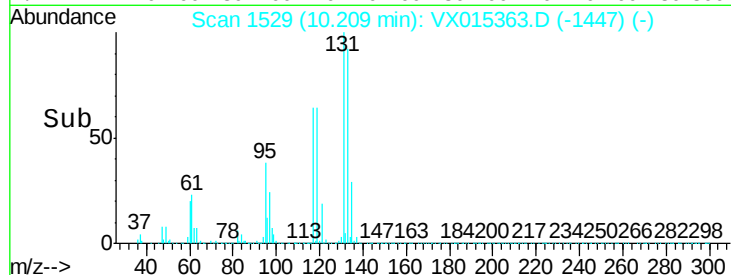
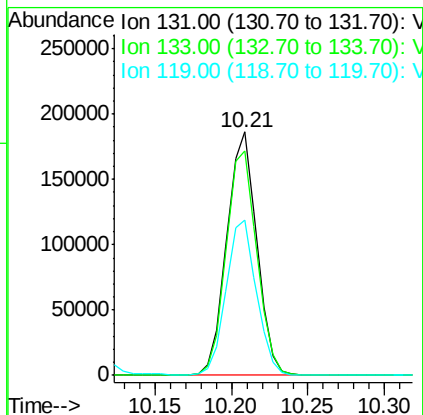
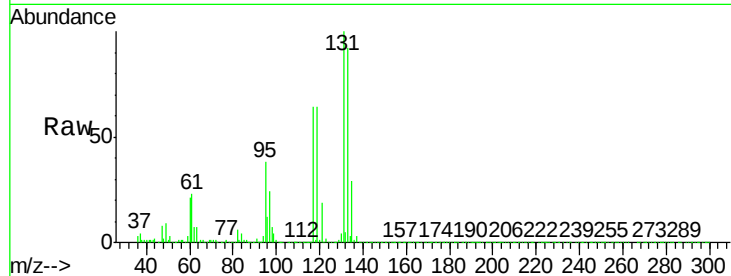
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	252831
Ion Ratio	Lower	Upper	
131	100		
133	94.3	0.0	193.6
119	64.5	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.796 ug/l

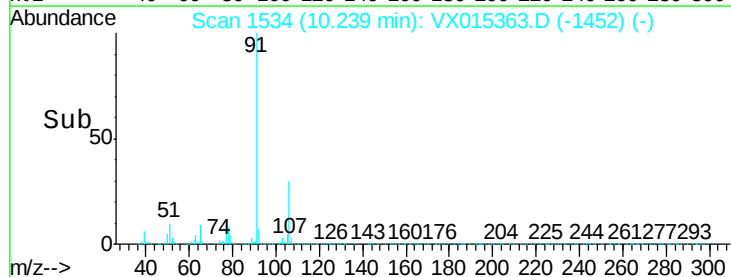
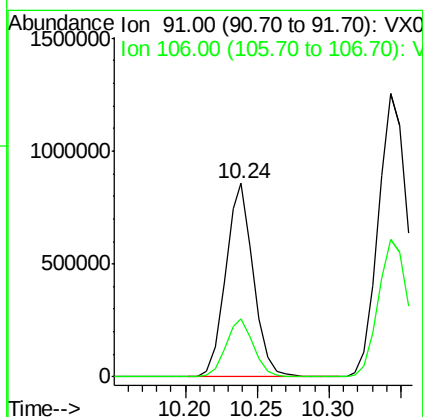
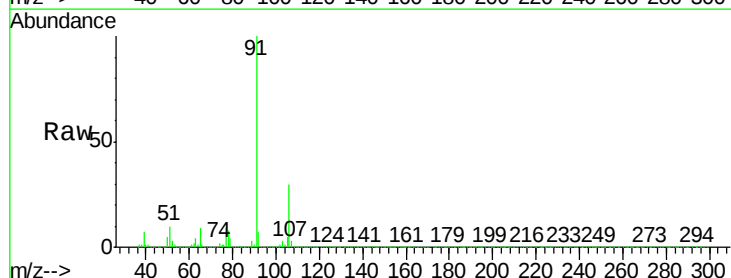
RT: 10.24 min Scan# 1534

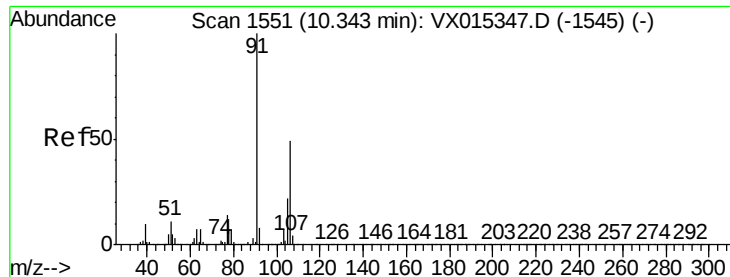
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	91	Resp:	1150779
Ion Ratio	Lower	Upper	
91	100		
106	30.3	25.0	37.6





#67

m/p-Xylenes

Concen: 38.944 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 856878

Ion Ratio Lower Upper

106 100

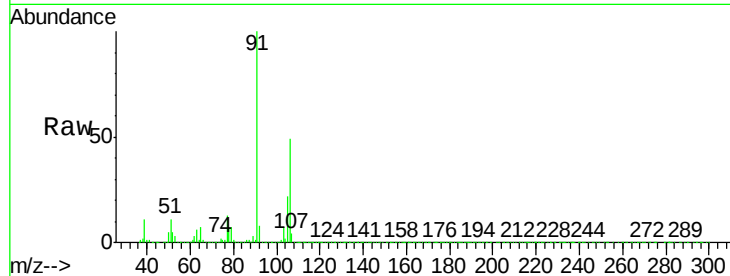
91 205.0 165.0 247.4

Manual Integrations

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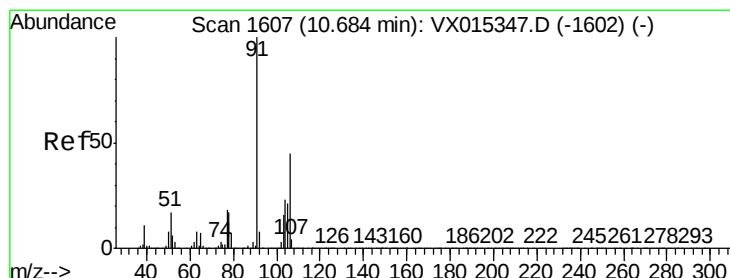
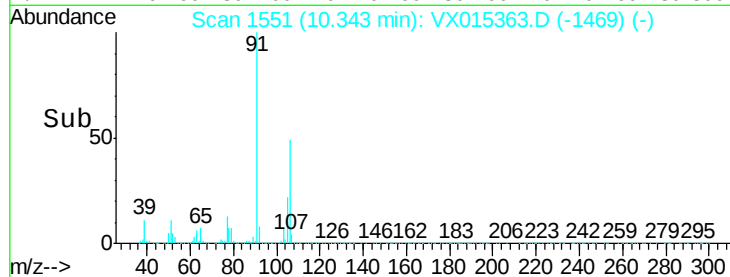
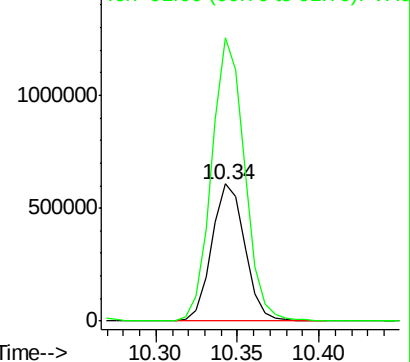
apatel

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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: 19.292 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015363.D

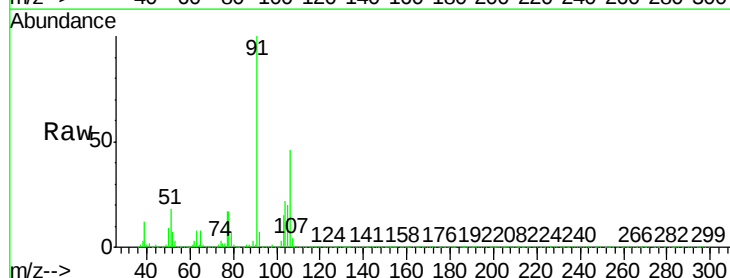
Acq: 26 Mar 2020 18:01

Tgt Ion:106 Resp: 414894

Ion Ratio Lower Upper

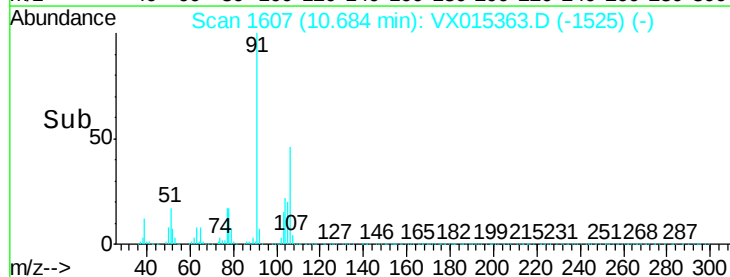
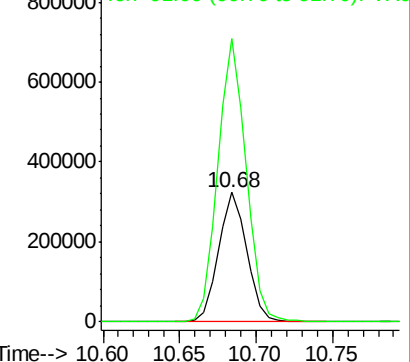
106 100

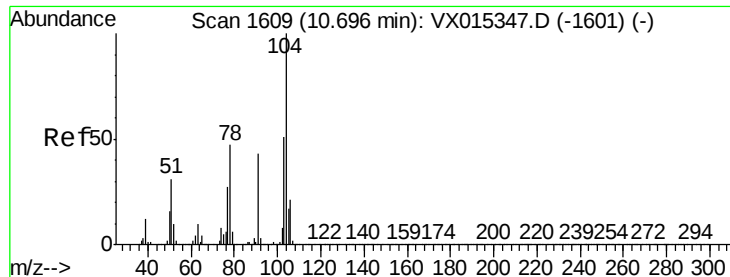
91 217.3 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





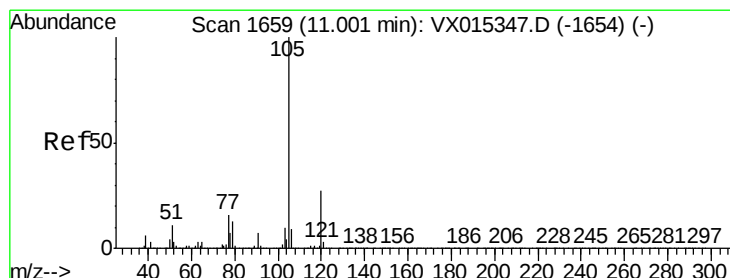
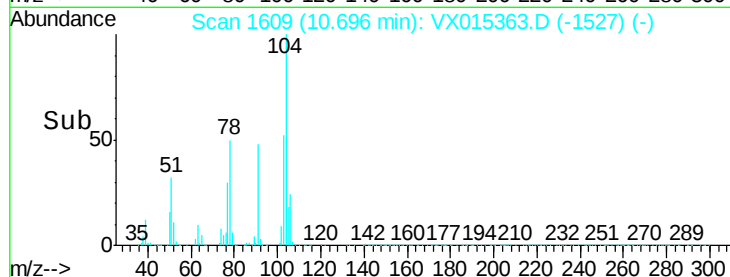
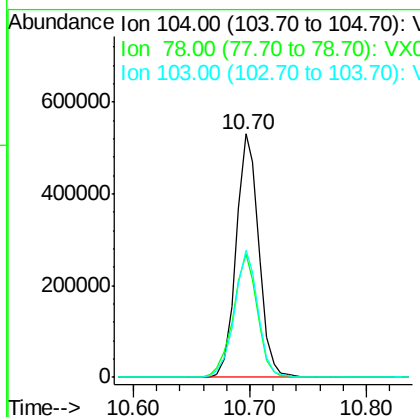
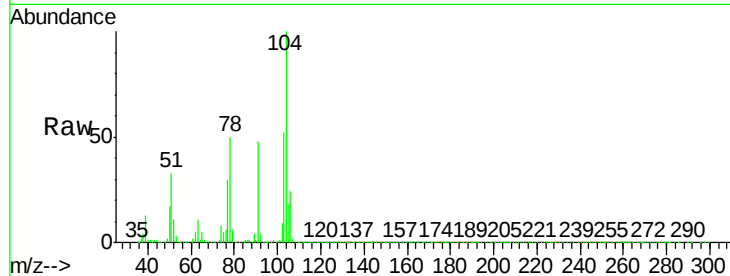
#69
Stvrene
Concen: 19.170 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.8	41.5	62.3
103	54.1	43.4	65.2

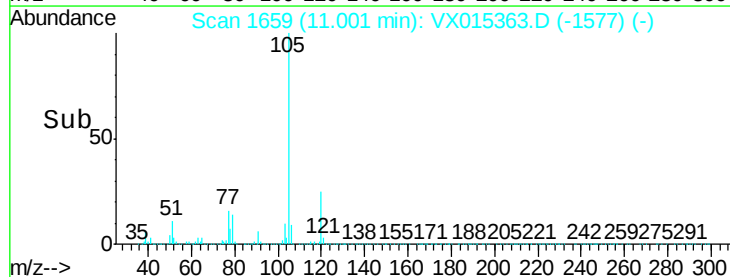
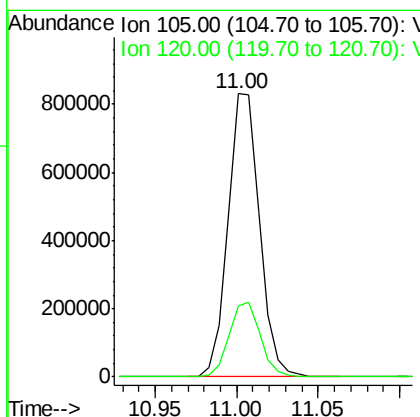
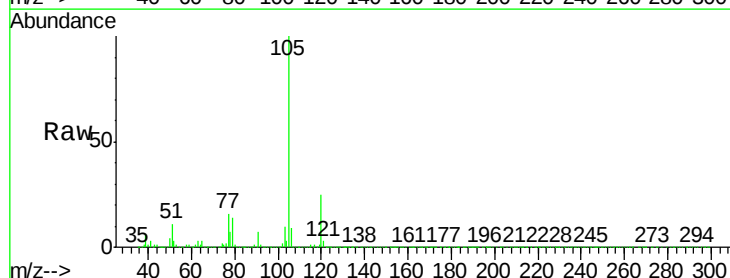
Manual Integrations
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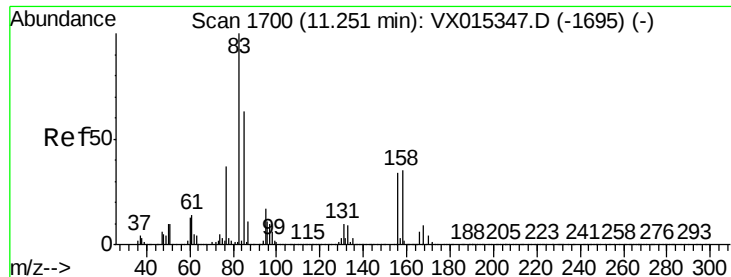
apatel
3/27/2020 6:00:00 PM



#70
Isopropylbenzene
Concen: 19.542 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.750 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

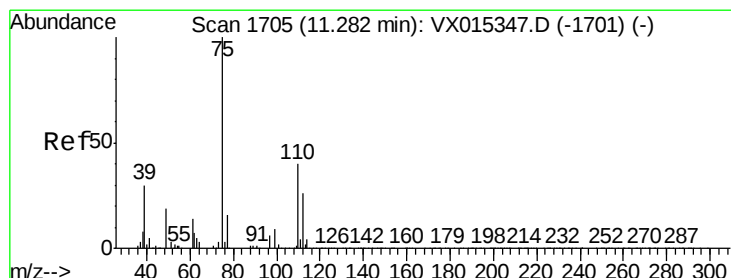
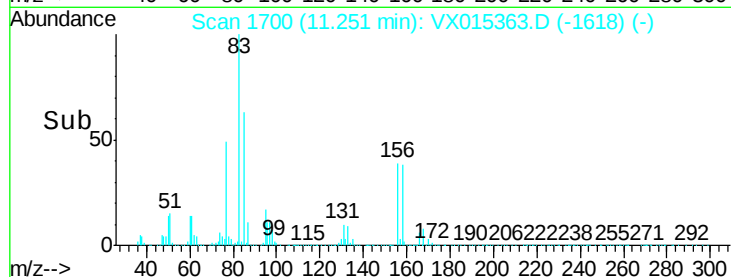
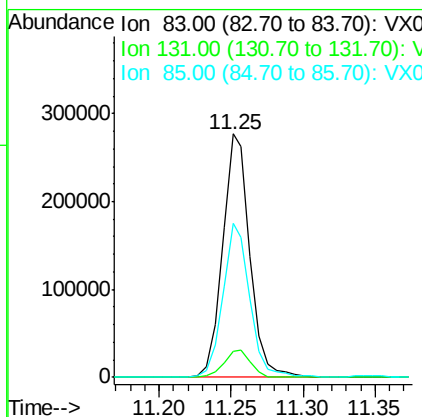
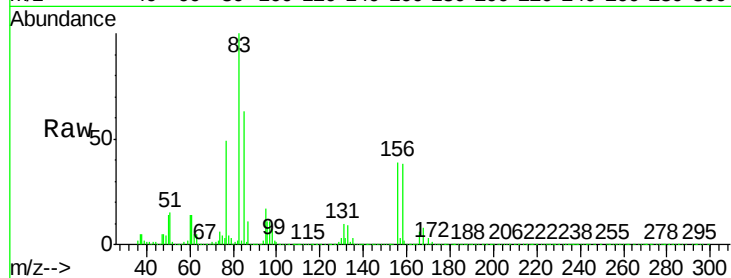
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	364948
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	15.9
85	62.4	32.0	96.2

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 19.952 ug/l m

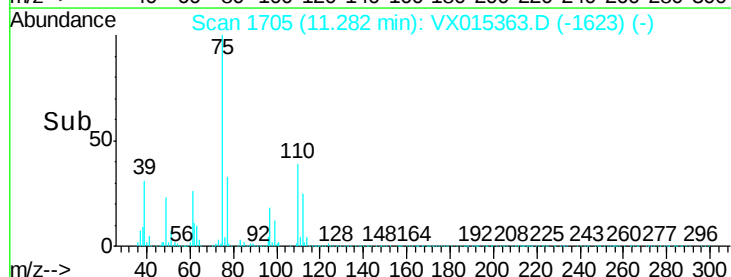
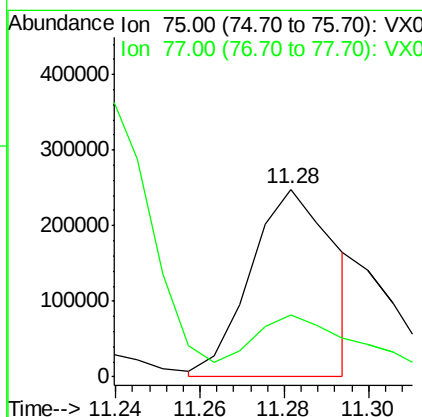
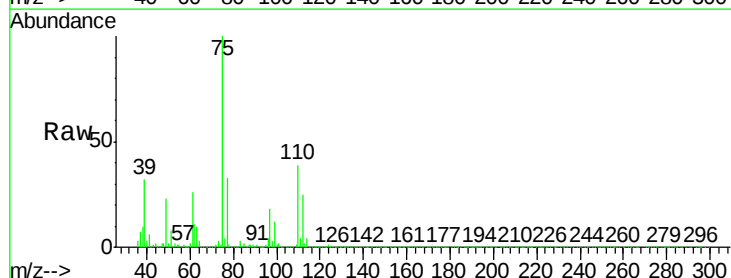
RT: 11.28 min Scan# 1705

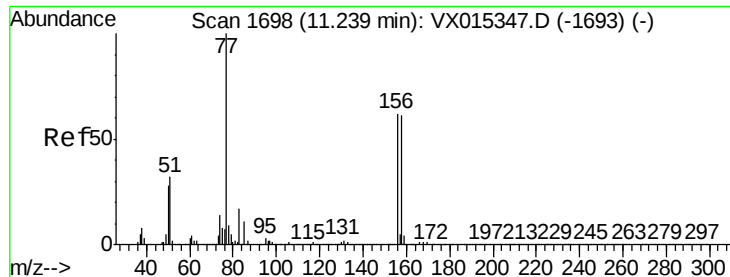
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	75	Resp:	344987
Ion Ratio	Lower	Upper	
75	100		
77	39.3	0.0	80.0





#73

Bromobenzene

Concen: 18.912 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

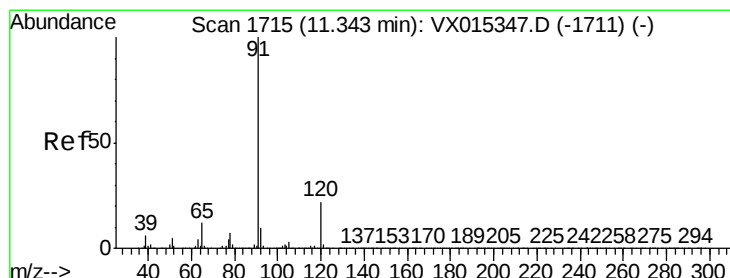
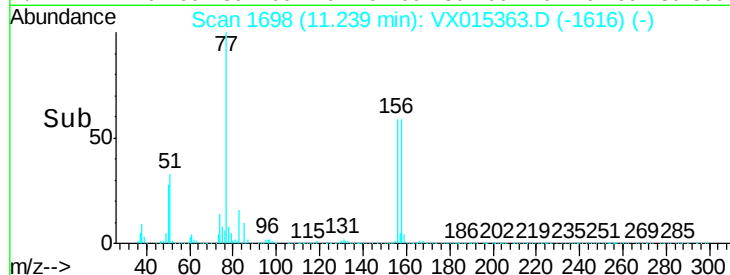
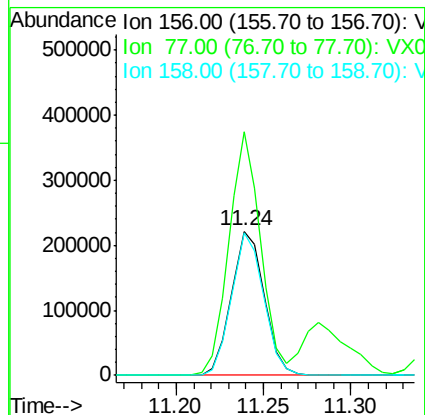
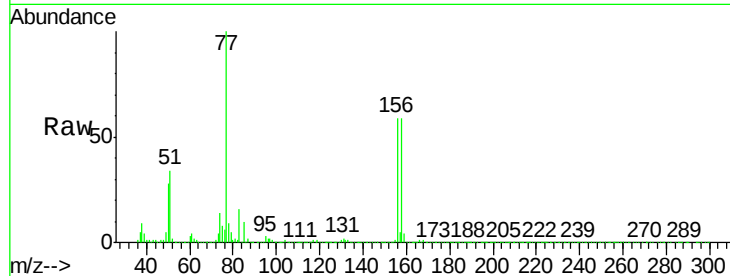
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	289442
Ion Ratio	Lower	Upper	
156	100		
77	162.3	0.0	324.4
158	97.1	0.0	200.0

Manual Integrations
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#74

n-propylbenzene

Concen: 19.549 ug/l

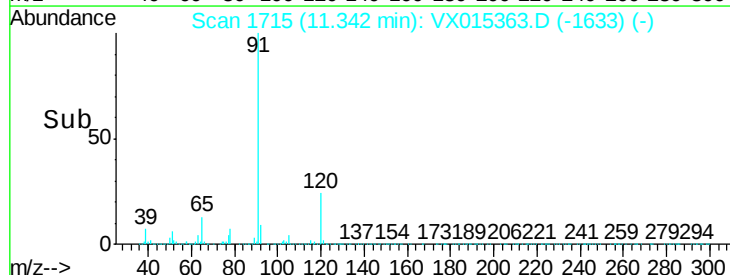
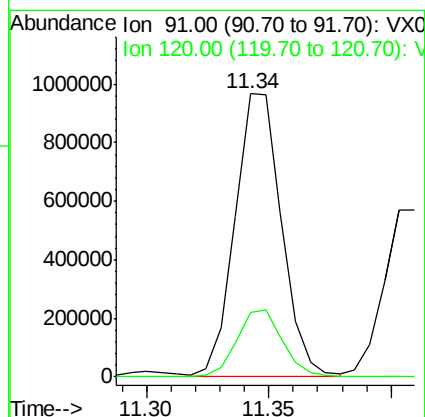
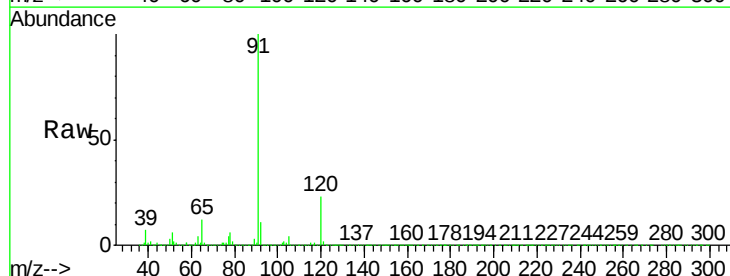
RT: 11.34 min Scan# 1715

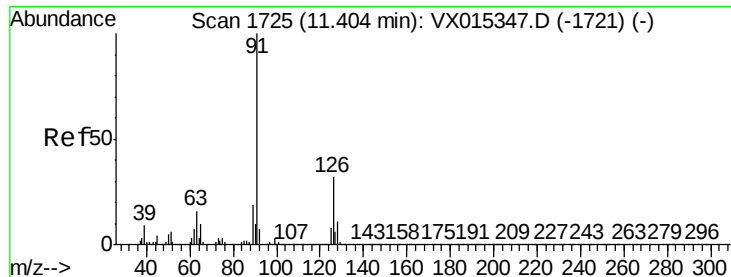
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	91	Resp:	1278373
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.488 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 775083

Ion Ratio Lower Upper

91 100

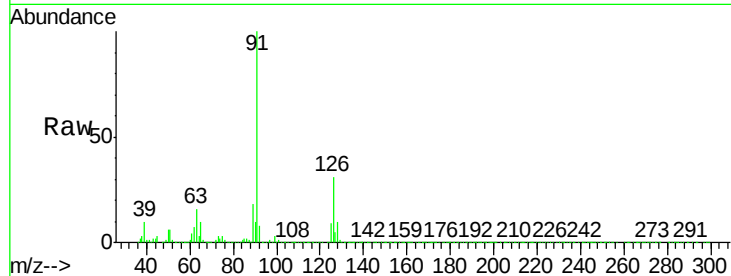
126 32.9 0.0 65.2

Manual Integrations

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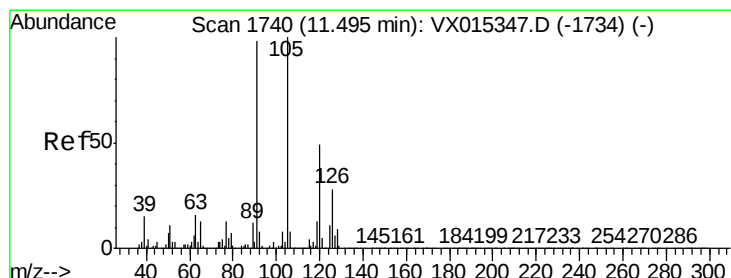
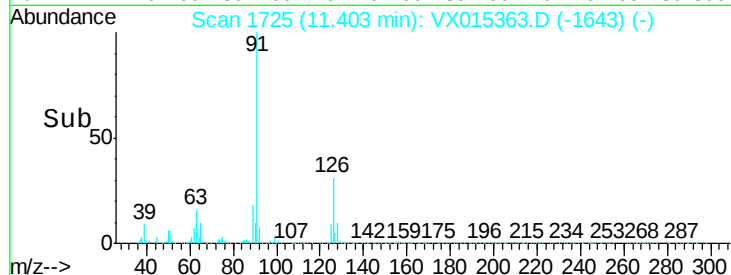
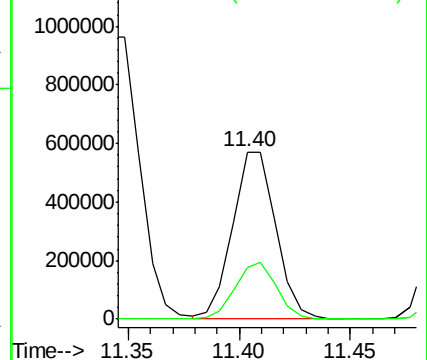
apatel

3/27/2020 6:00:00 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.438 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015363.D

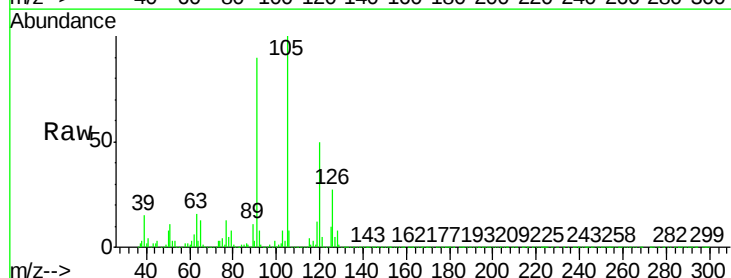
Acq: 26 Mar 2020 18:01

Tgt Ion: 105 Resp: 951704

Ion Ratio Lower Upper

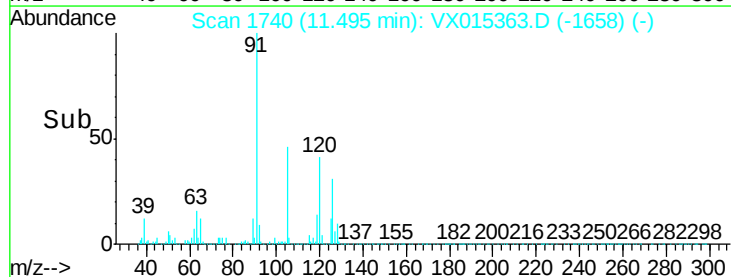
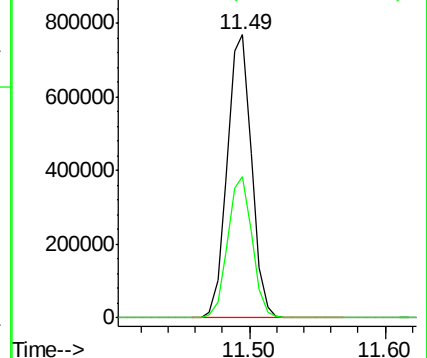
105 100

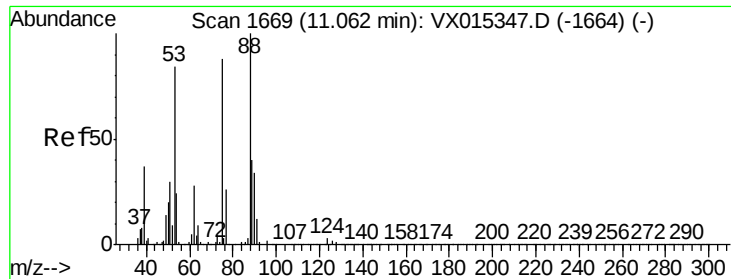
120 49.6 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





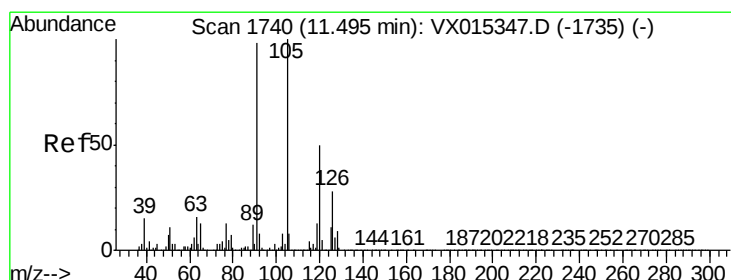
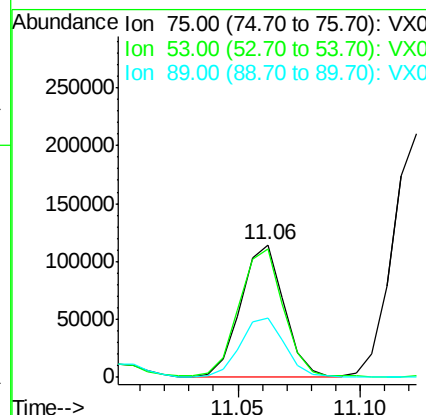
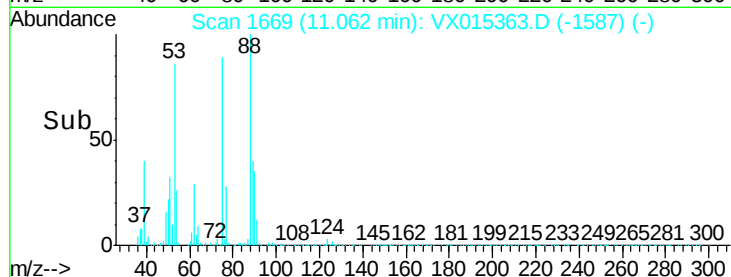
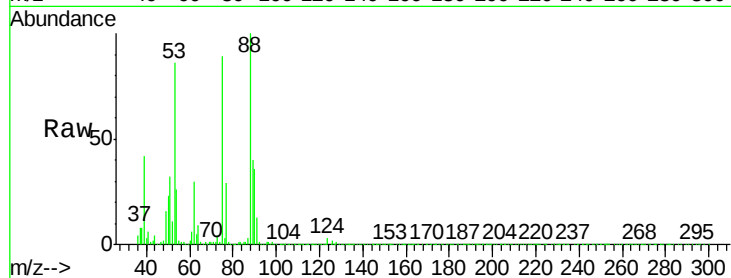
#77
t-1,4-Dichloro-2-butene
Concen: 18.891 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	47.5	142.6
89	44.8	22.8	68.3

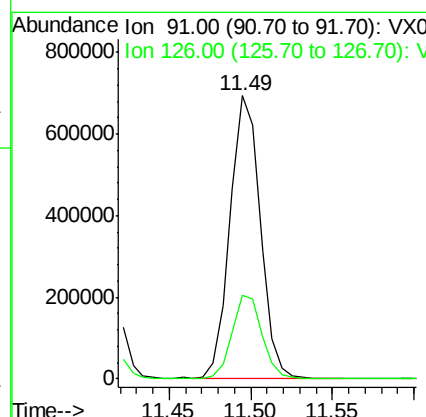
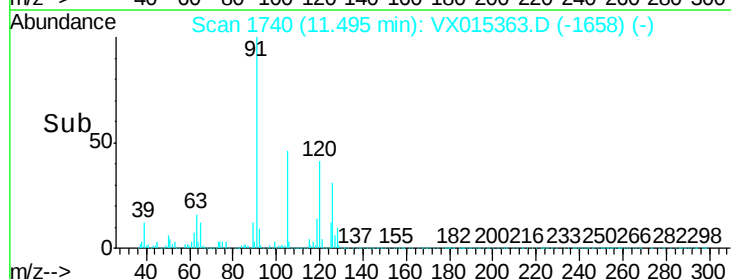
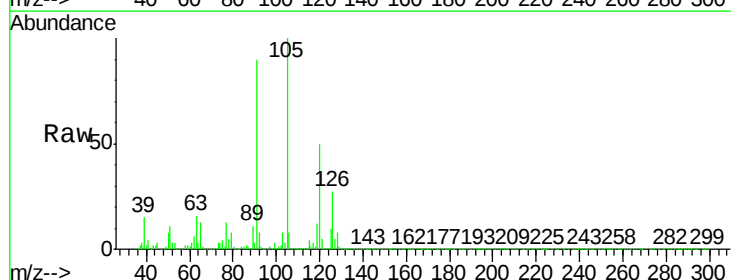
Manual Integrations
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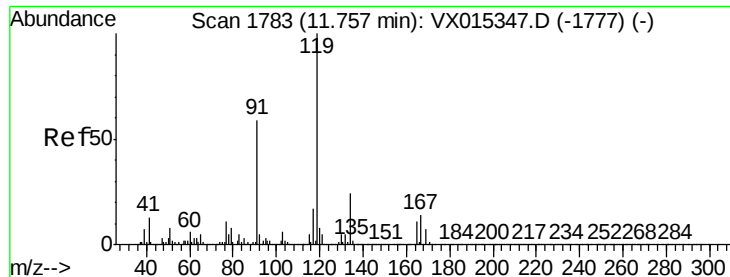
apatel
3/27/2020 6:00:00 PM



#78
4-Chlorotoluene
Concen: 19.478 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	0.0	57.8





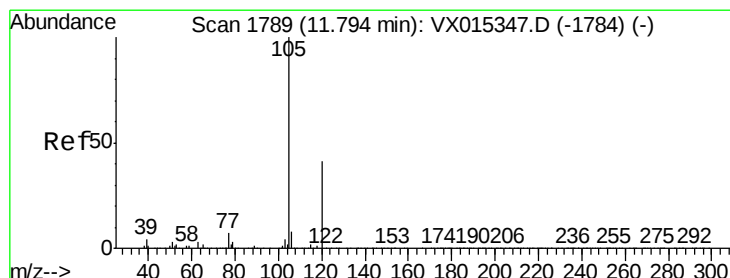
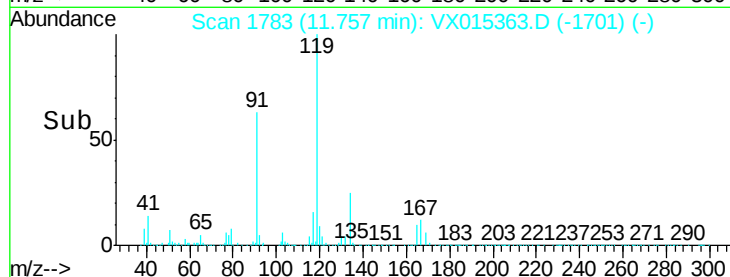
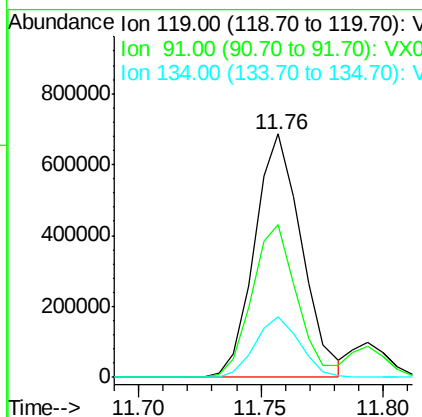
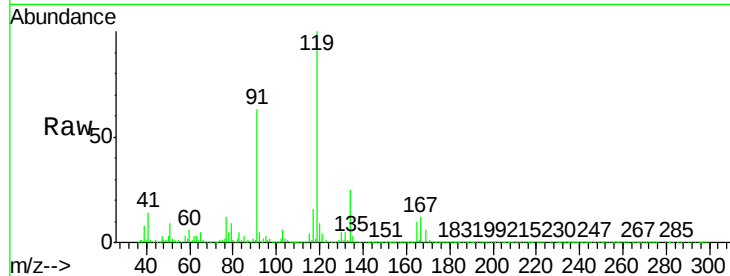
#79
tert-butylbenzene
Concen: 18.679 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	914024		
91	59.1	0.0	115.8	
134	23.7	0.0	47.0	

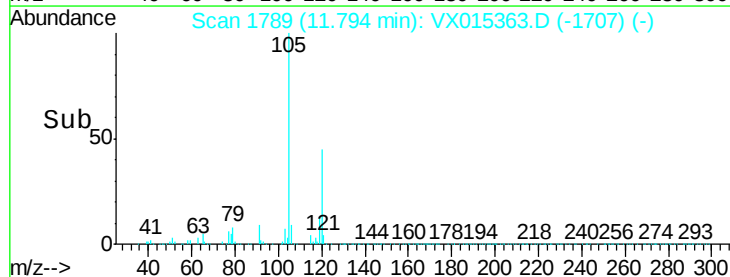
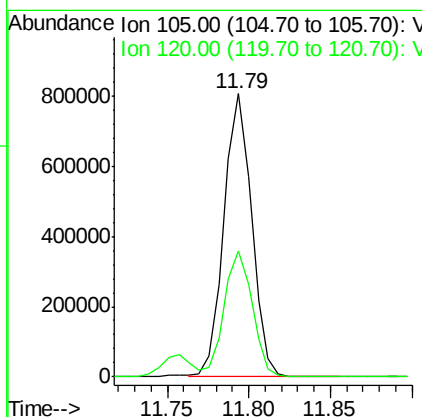
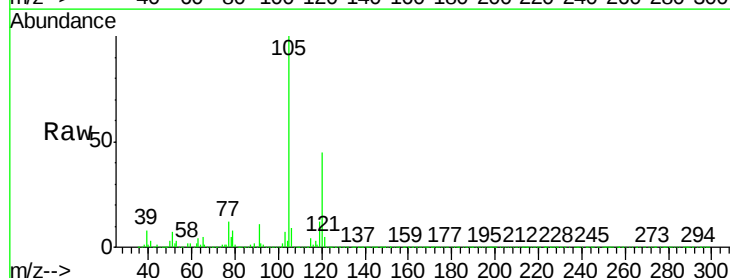
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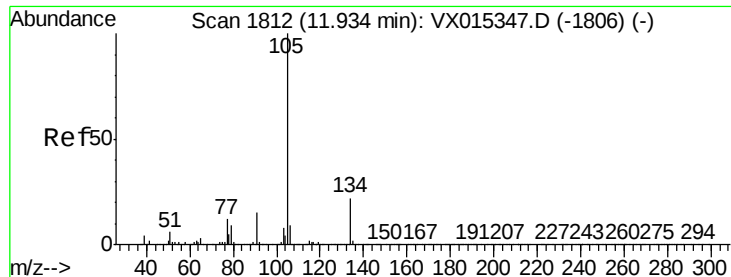
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#80
1,2,4-Trimethylbenzene
Concen: 19.238 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	954172		
120	45.1	0.0	91.0	





#81

sec-Butylbenzene

Concen: 19.244 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 1080235

Ion Ratio Lower Upper

105 100

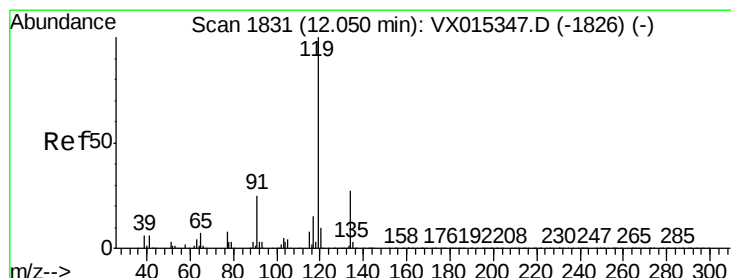
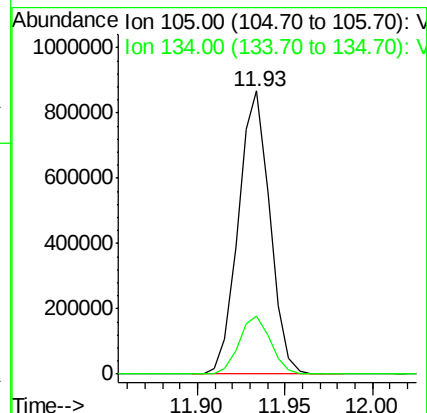
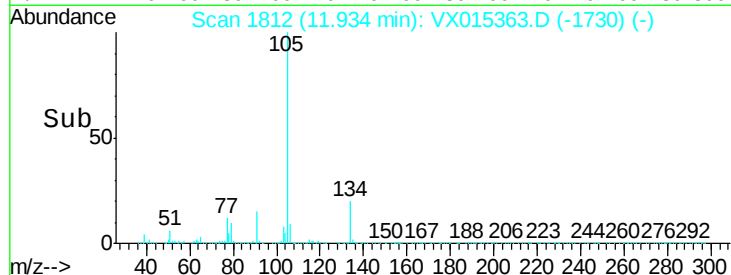
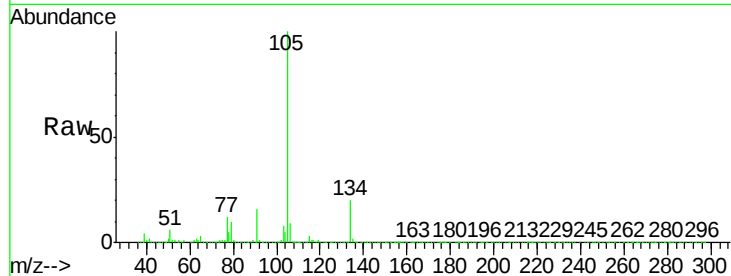
134 20.5 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 19.289 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

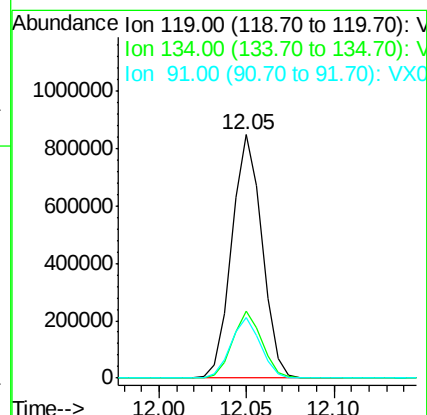
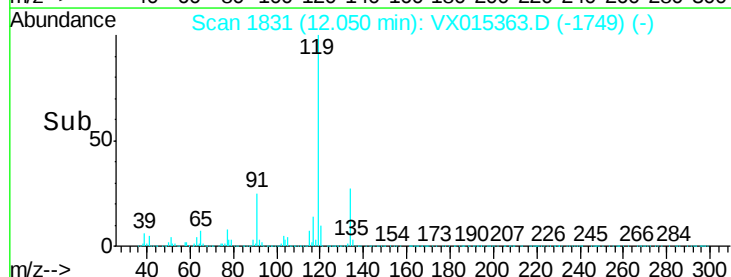
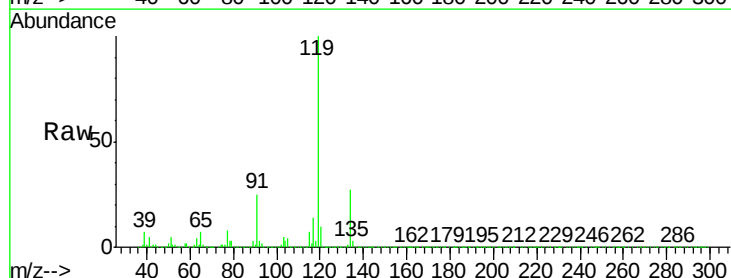
Tgt Ion:119 Resp: 1020483

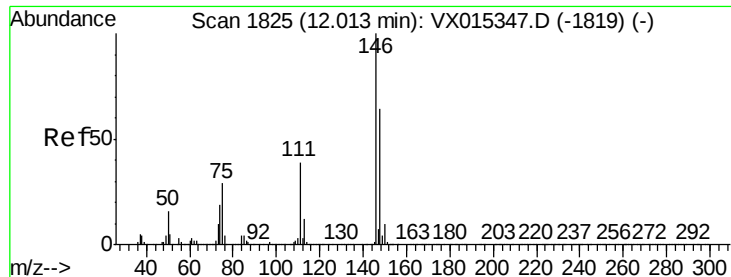
Ion Ratio Lower Upper

119 100

134 26.3 0.0 53.2

91 24.3 0.0 48.2





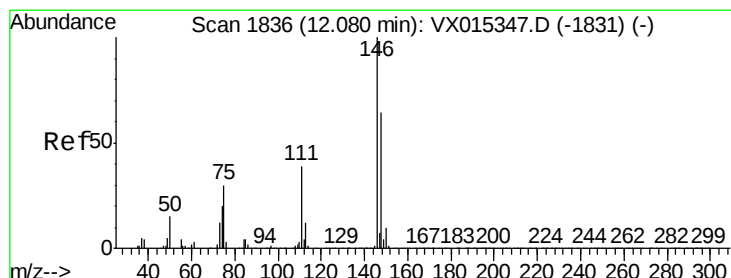
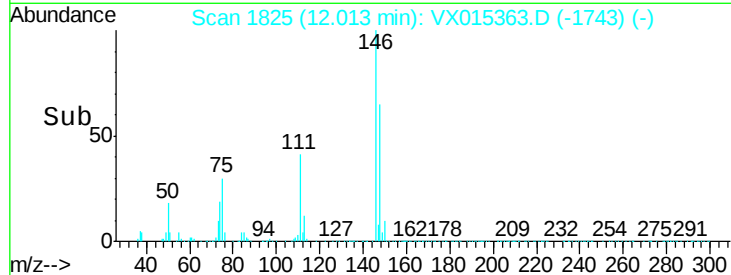
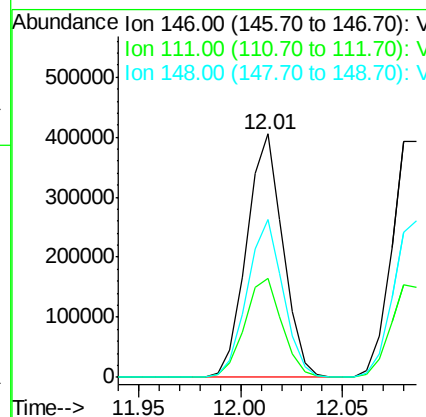
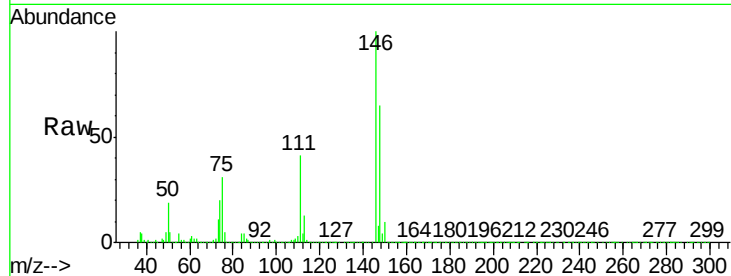
#83
 1,3-Dichlorobenzene
 Concen: 18.168 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	64.3	31.4	94.2

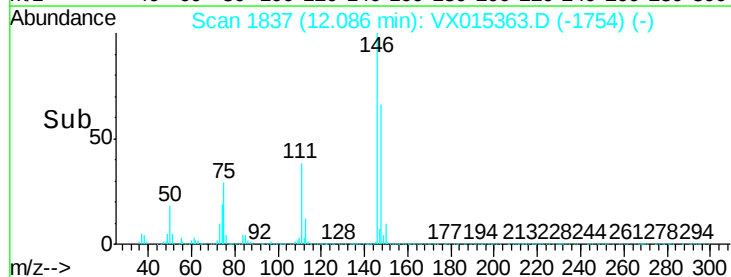
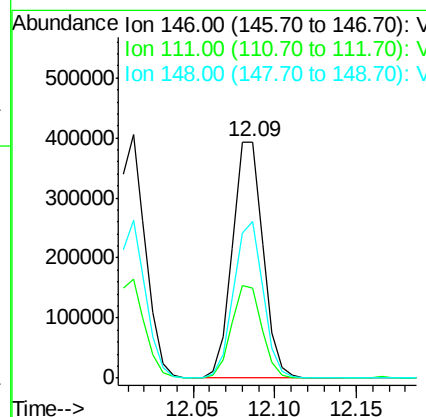
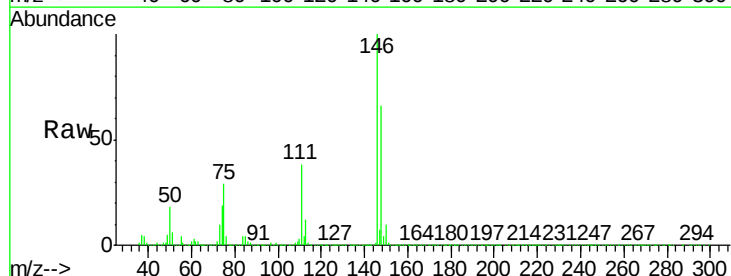
Manual Integrations
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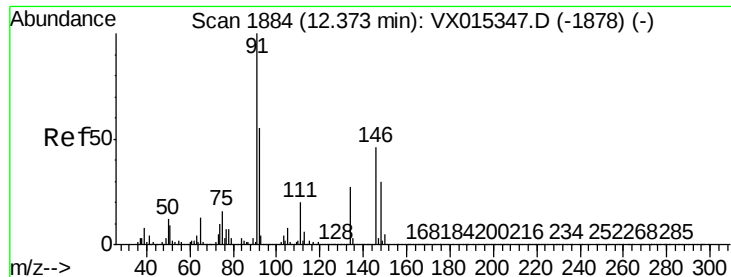
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#84
 1,4-Dichlorobenzene
 Concen: 18.735 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	63.6	31.4	94.3





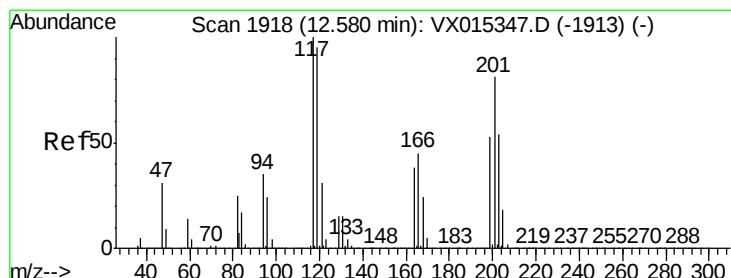
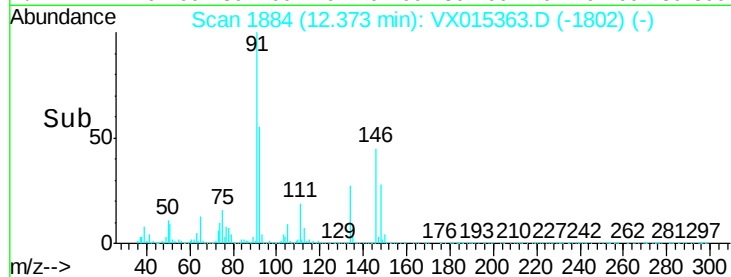
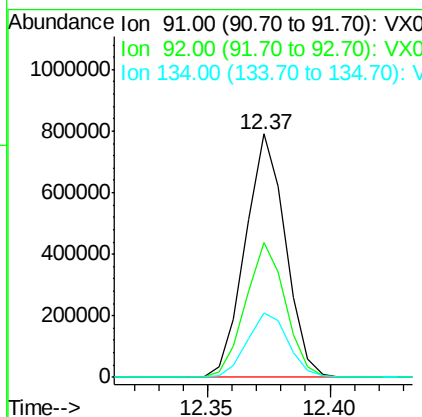
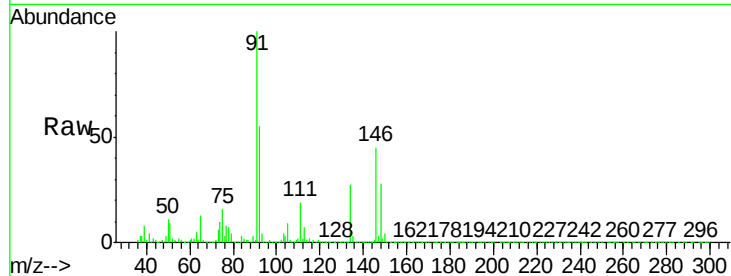
#85
n-Butylbenzene
Concen: 19.168 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	903908		
92	54.9	0.0	109.0	
134	27.2	0.0	54.0	

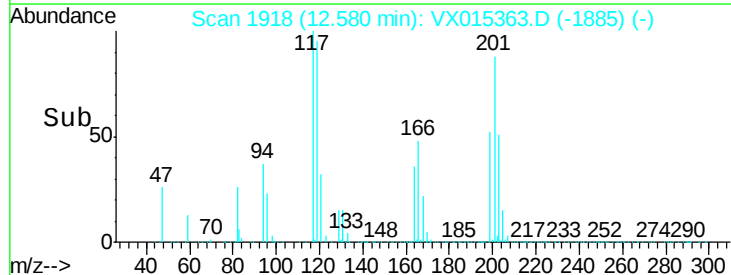
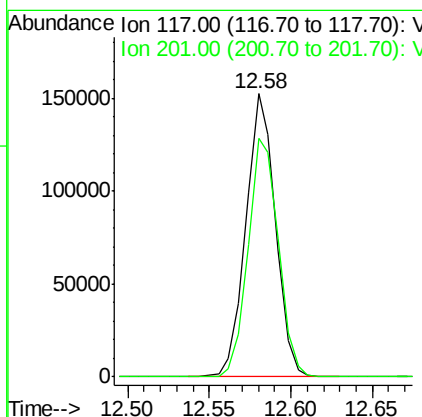
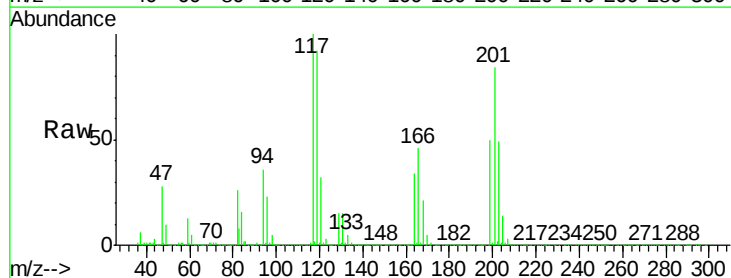
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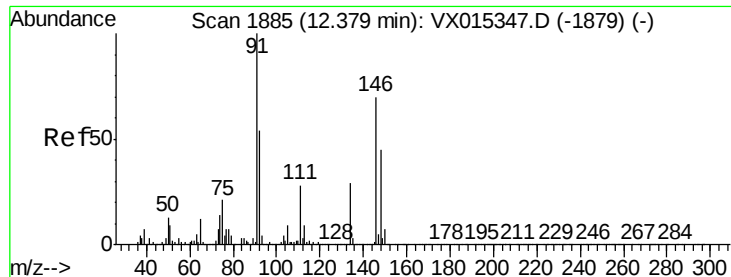
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#86
Hexachloroethane
Concen: 18.741 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	191630		
201	86.4	44.9	134.5	





#87

1,2-Dichlorobenzene

Concen: 18.849 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Instrument :

MSVOA_X

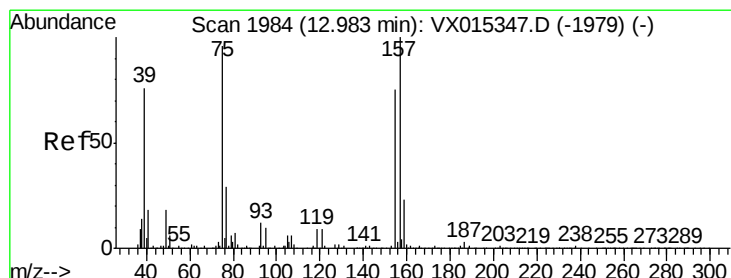
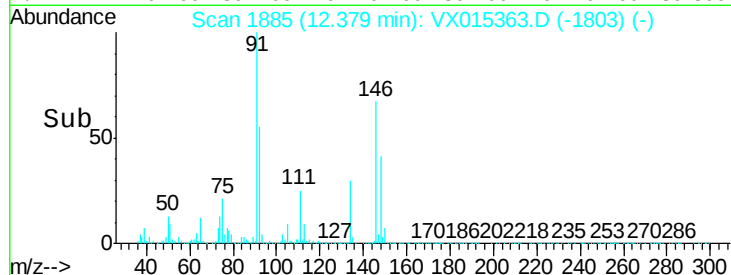
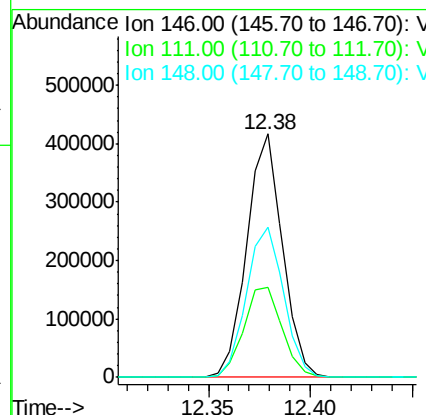
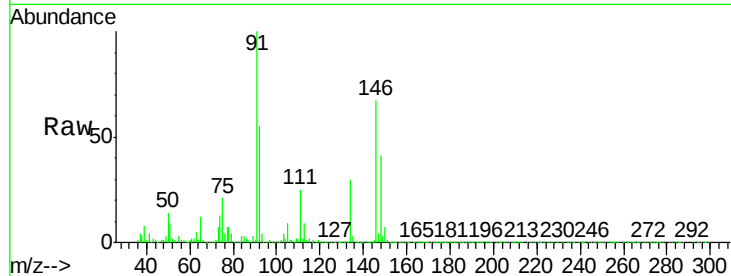
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	506059
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.4	61.2
148	64.3	31.9	95.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.331 ug/l

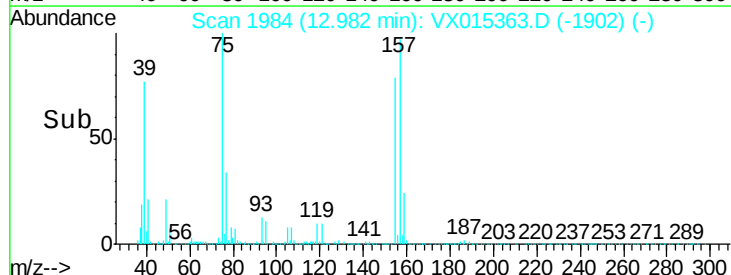
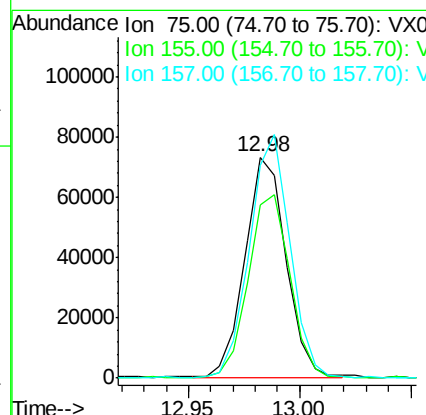
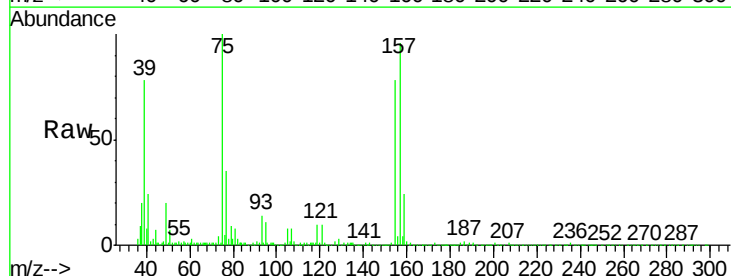
RT: 12.98 min Scan# 1984

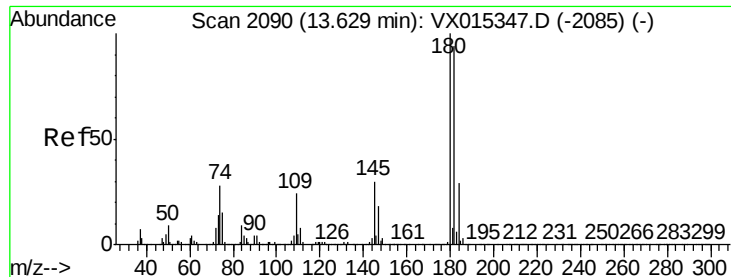
Delta R.T. -0.00 min

Lab File: VX015363.D

Acq: 26 Mar 2020 18:01

Tgt Ion:	75	Resp:	94088
Ion Ratio	Lower	Upper	
75	100		
155	84.8	67.7	101.5
157	108.6	88.5	132.7





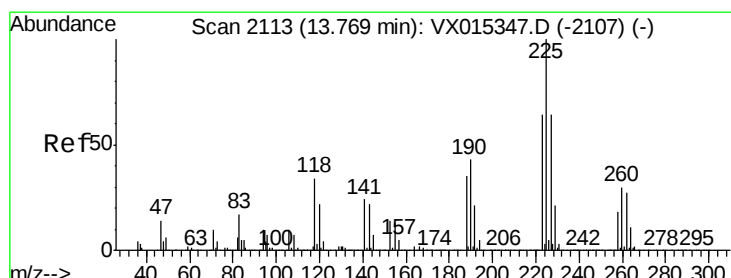
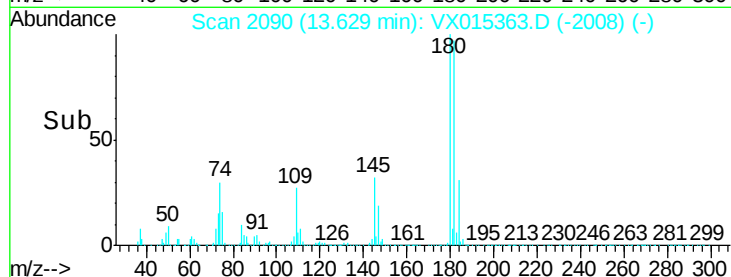
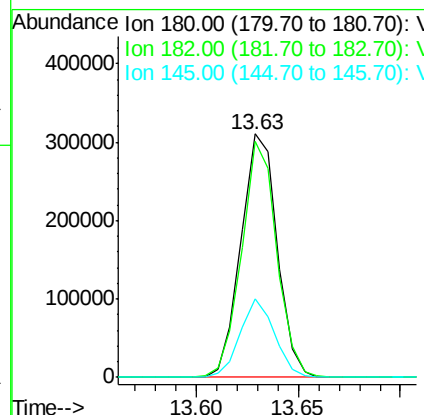
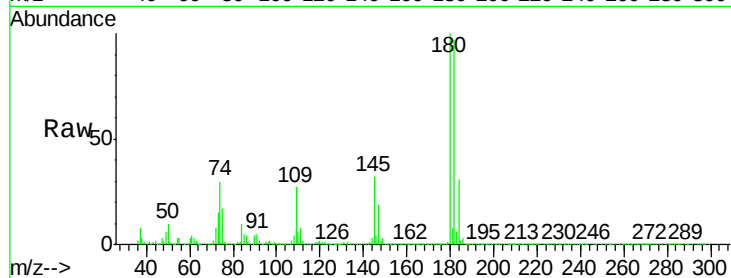
#89
 1,2,4-Trichlorobenzene
 Concen: 17.676 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	382295		
182	94.0	76.9	115.3	
145	30.4	24.3	36.5	

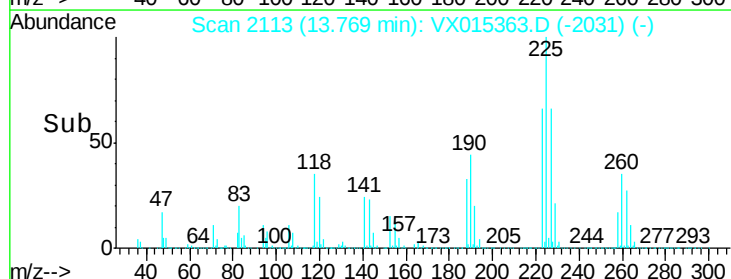
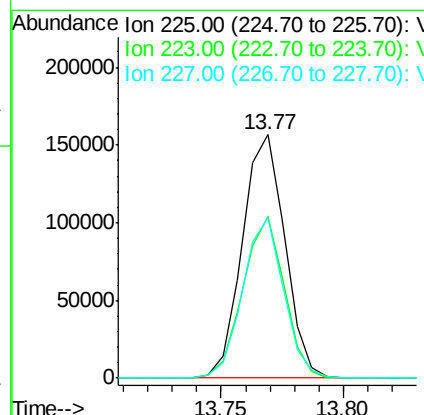
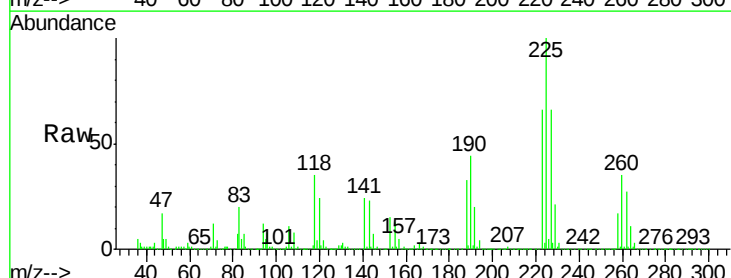
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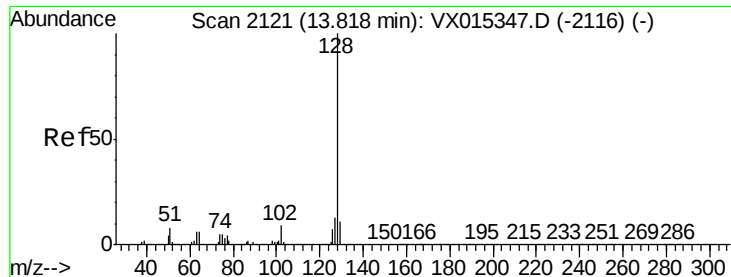
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#90
 Hexachlorobutadiene
 Concen: 16.643 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015363.D
 Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189622		
223	64.1	0.0	127.0	
227	63.5	0.0	126.8	





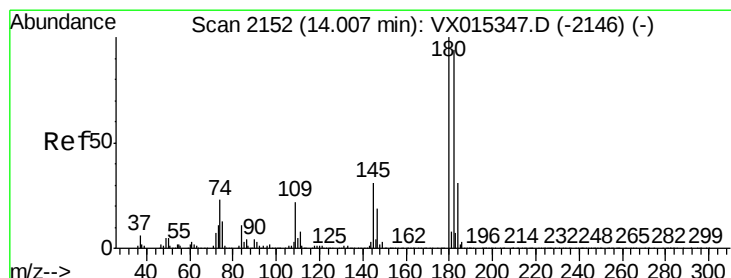
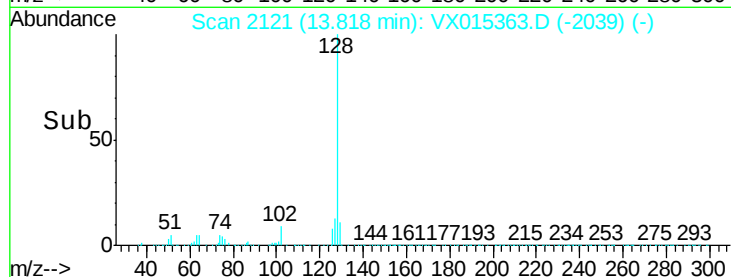
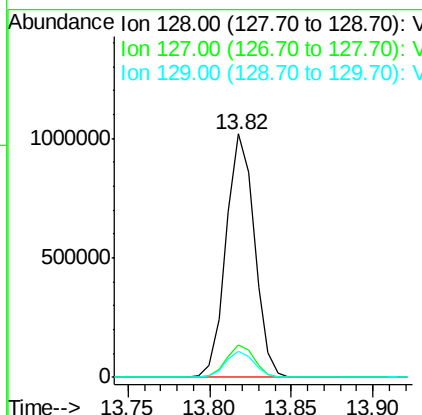
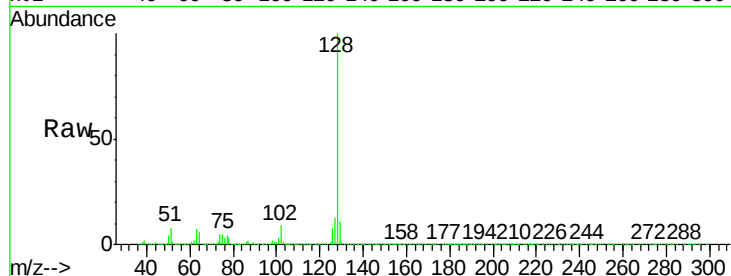
#91
Naphthalene
Concen: 19.713 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.6	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 17.839 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. -0.00 min
Lab File: VX015363.D
Acq: 26 Mar 2020 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	191.0
145	30.9	0.0	62.2

