

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014902.D
 Acq On : 10 Feb 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:09 AM

Quant Time: Feb 11 07:45:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	657428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	356182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	243402	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
35) Dibromofluoromethane	5.49	113	200021	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
50) Toluene-d8	8.71	98	771478	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.13	95	287599	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	220905	51.032	ug/l	100
3) Chloromethane	1.32	50	244715	49.864	ug/l	100
4) Vinyl Chloride	1.41	62	265685	50.254	ug/l	98
5) Bromomethane	1.64	94	163904	47.896	ug/l	99
6) Chloroethane	1.72	64	166864	49.327	ug/l	96
7) Trichlorofluoromethane	1.93	101	361204	48.900	ug/l	100
8) Diethyl Ether	2.18	74	150741	49.212	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	206139	48.078	ug/l	98
10) Methyl Iodide	2.50	142	252623	52.602	ug/l	100
11) Tert butyl alcohol	3.03	59	219803	241.322	ug/l	99
12) 1,1-Dichloroethene	2.37	96	207290	49.476	ug/l	97
13) Acrolein	2.28	56	151785	218.647	ug/l	100
14) Allyl chloride	2.72	41	353794	47.629	ug/l	99
15) Acrylonitrile	3.13	53	573580	248.408	ug/l	100
16) Acetone	2.43	43	593580	212.569	ug/l	100
17) Carbon Disulfide	2.56	76	552317	47.182	ug/l	99
18) Methyl Acetate	2.76	43	254069	48.902	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	688960	50.527	ug/l	98
20) Methylene Chloride	2.85	84	236759	47.710	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	227196	49.145	ug/l	100
22) Diisopropyl ether	3.84	45	715467	50.430	ug/l	97
23) Vinyl Acetate	3.81	43	3065139	262.084	ug/l	100
24) 1,1-Dichloroethane	3.69	63	396172	49.478	ug/l	99
25) 2-Butanone	4.65	43	828869	236.011	ug/l	99
26) 2,2-Dichloropropane	4.58	77	308135	44.655	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	255134	49.370	ug/l	99
28) Bromochloromethane	5.00	49	158688	51.131	ug/l	100
29) Tetrahydrofuran	5.11	42	503445	252.170	ug/l	99
30) Chloroform	5.20	83	393730	49.562	ug/l	99
31) Cyclohexane	5.58	56	354335	48.587	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	342685	49.313	ug/l	100
36) 1,1-Dichloropropene	5.79	75	307375	49.287	ug/l	99
37) Ethyl Acetate	4.82	43	320840	49.325	ug/l	100
38) Carbon Tetrachloride	5.78	117	290176	47.745	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	370282	47.474	ug/l	99
40) Benzene	6.14	78	902259	48.421	ug/l	100
41) Methacrylonitrile	5.03	41	174847	49.898	ug/l	98
42) 1,2-Dichloroethane	6.18	62	322568	47.896	ug/l	100
43) Isopropyl Acetate	6.43	43	529284	49.327	ug/l	100
44) Trichloroethene	7.21	130	259209	47.919	ug/l	96
45) 1,2-Dichloropropane	7.51	63	233731	49.184	ug/l	99
46) Dibromomethane	7.65	93	152662	46.997	ug/l	99
47) Bromodichloromethane	7.89	83	303420	47.109	ug/l	99
48) Methyl methacrylate	7.76	41	263620	49.922	ug/l	100
49) 1,4-Dioxane	7.73	88	94978	961.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1596571	246.419	ug/l	100
52) Toluene	8.78	92	578121	48.849	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	346838	49.136	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	370732	47.543	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	233622	48.791	ug/l	98
56) Ethyl methacrylate	9.17	69	368325	51.177	ug/l	99
57) 1,3-Dichloropropane	9.37	76	391790	48.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	911282	242.109	ug/l	99
59) 2-Hexanone	9.48	43	1234933	242.493	ug/l	100
60) Dibromochloromethane	9.58	129	249358	48.392	ug/l	97
61) 1,2-Dibromoethane	9.67	107	246335	47.681	ug/l	100
64) Tetrachloroethene	9.33	164	274078	44.589	ug/l	99
65) Chlorobenzene	10.14	112	640503	48.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	233832	48.303	ug/l	99
67) Ethyl Benzene	10.25	91	1118889	49.339	ug/l	99
68) m/p-Xylenes	10.35	106	860503	98.499	ug/l	99
69) o-Xylene	10.70	106	407804	48.561	ug/l	99
70) Styrene	10.71	104	715080	50.333	ug/l	100
71) Bromoform	10.85	173	192544	47.650	ug/l	99
73) Isopropylbenzene	11.01	105	1097114	49.117	ug/l	100
74) N-amyl acetate	10.89	43	472043	50.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	344092	47.125	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	288835m	44.844	ug/l	
77) Bromobenzene	11.25	156	296981	47.636	ug/l	98
78) n-propylbenzene	11.35	91	1271784	49.228	ug/l	100
79) 2-Chlorotoluene	11.42	91	737244	48.542	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	932210	49.948	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	114372	45.453	ug/l	96
82) 4-Chlorotoluene	11.51	91	869974	48.370	ug/l	100
83) tert-Butylbenzene	11.76	119	882281	49.921	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	933309	49.622	ug/l	100
85) sec-Butylbenzene	11.94	105	1085625	49.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	1016541	49.477	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	531127	47.488	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	540176	47.295	ug/l	100
89) n-Butylbenzene	12.39	91	914564	49.702	ug/l	99
90) Hexachloroethane	12.59	117	171292	47.740	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	527015	48.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74758	43.642	ug/l	98

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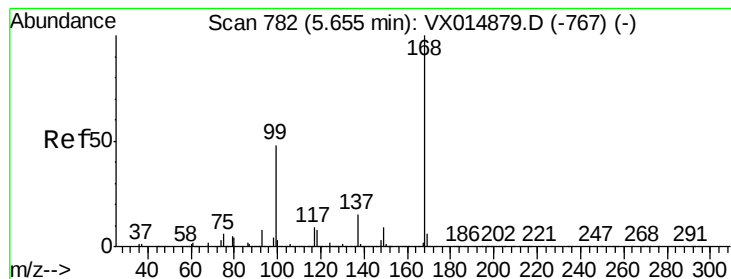
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	405029	50.030	ug/l	98
94) Hexachlorobutadiene	13.78	225	191792	48.980	ug/l	100
95) Naphthalene	13.83	128	1125209	52.275	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389102	49.748	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 457092

Ion Ratio Lower Upper

168 100

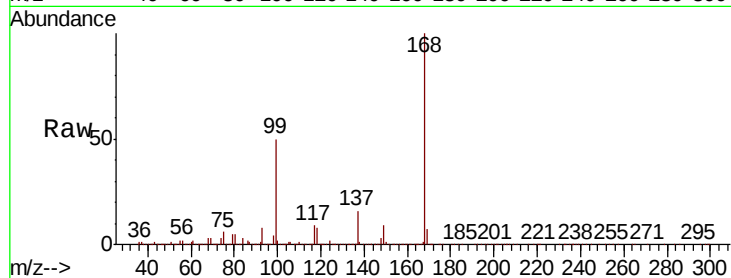
99 49.8 38.7 58.1

Manual Integrations

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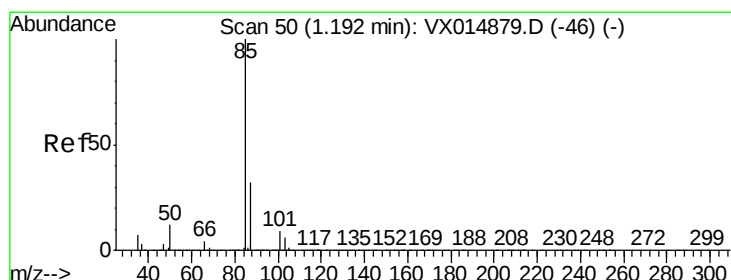
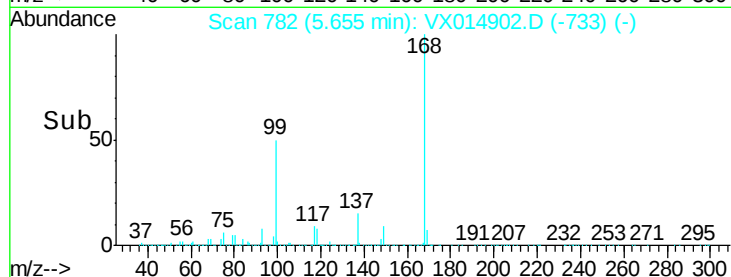
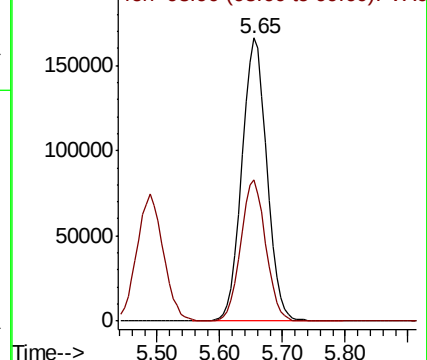
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.032 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014902.D

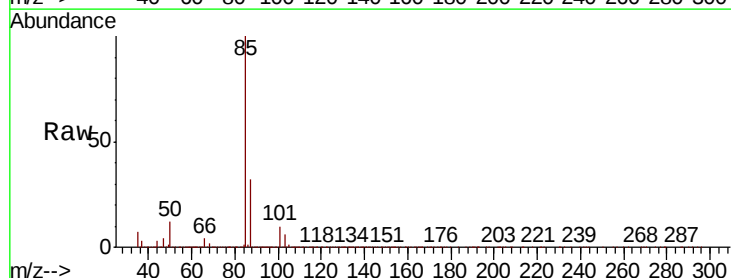
Acq: 10 Feb 2020 20:39

Tgt Ion: 85 Resp: 220905

Ion Ratio Lower Upper

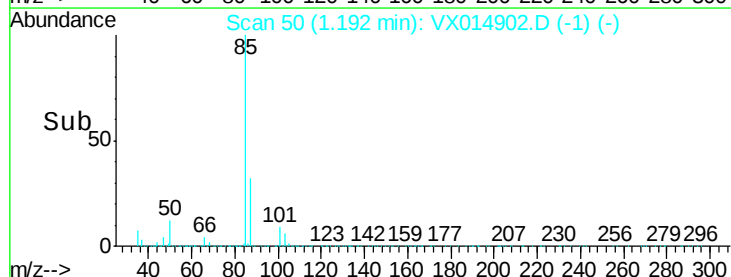
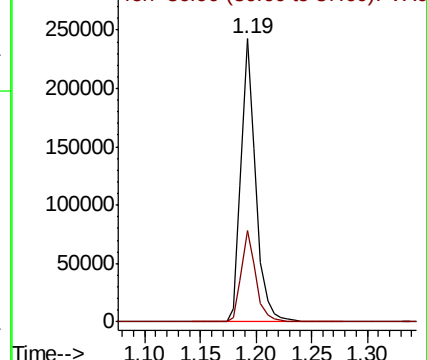
85 100

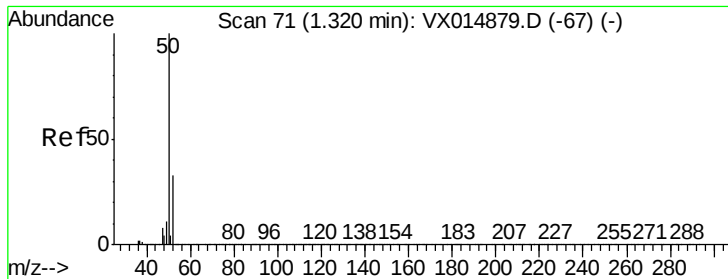
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.864 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 244715

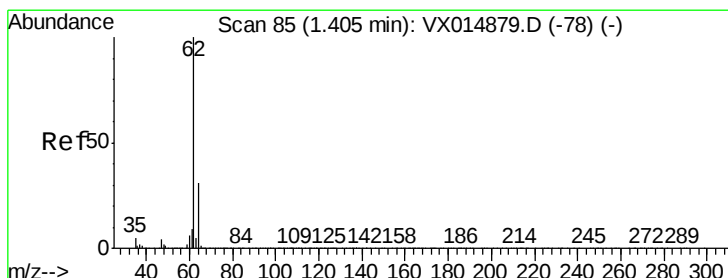
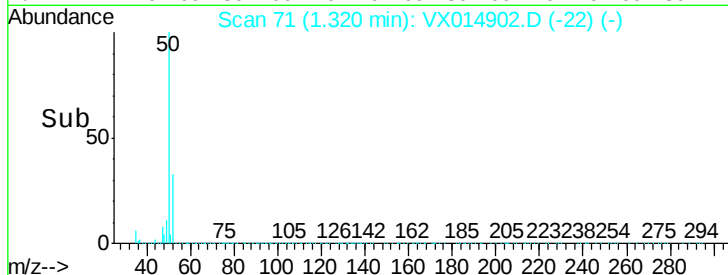
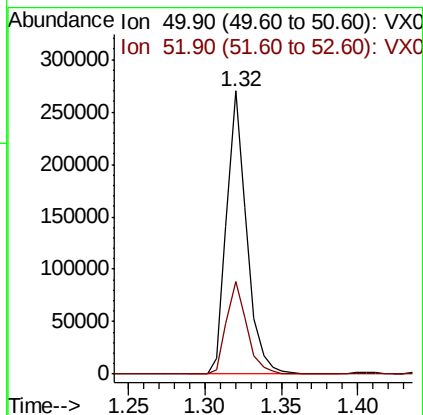
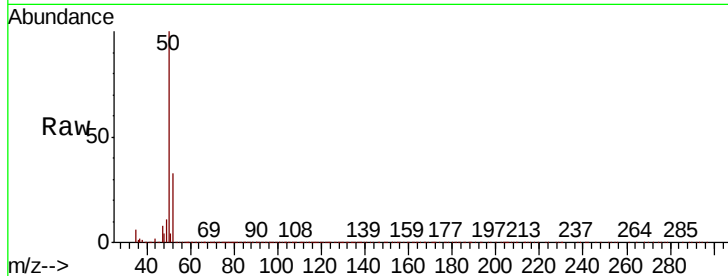
Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.254 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014902.D

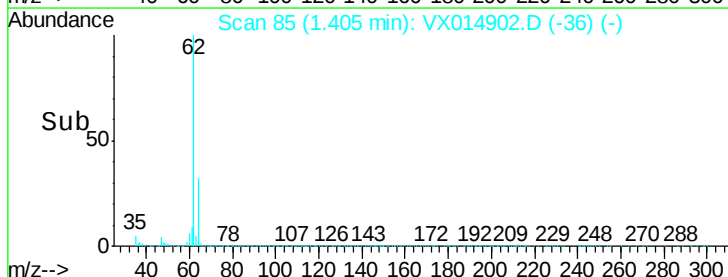
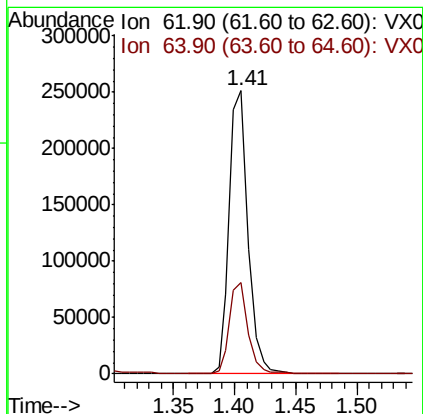
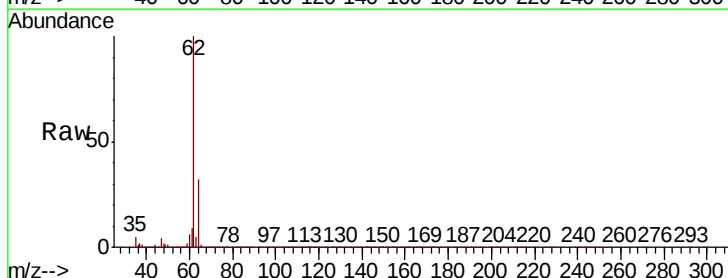
Acq: 10 Feb 2020 20:39

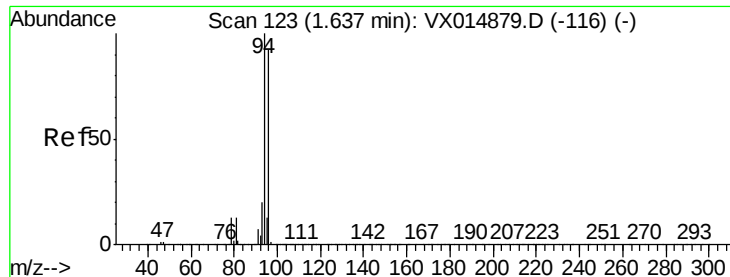
Tgt Ion: 62 Resp: 265685

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 47.896 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 163904

Ion Ratio Lower Upper

94 100

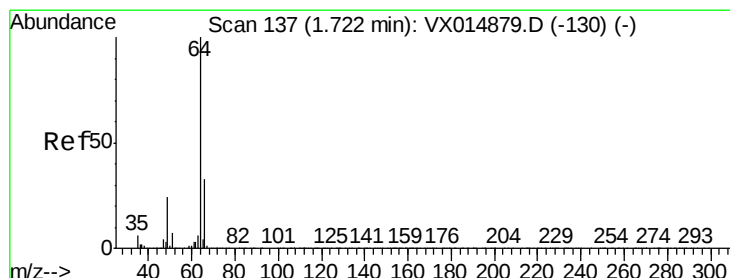
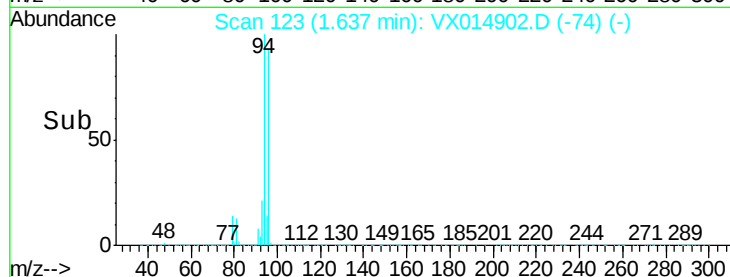
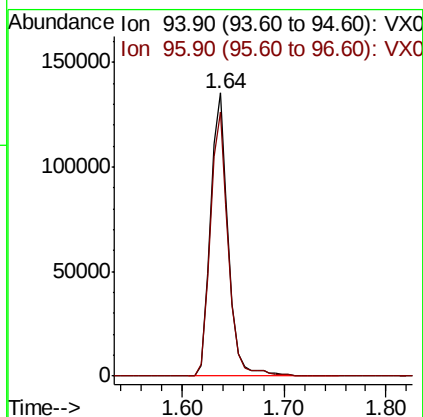
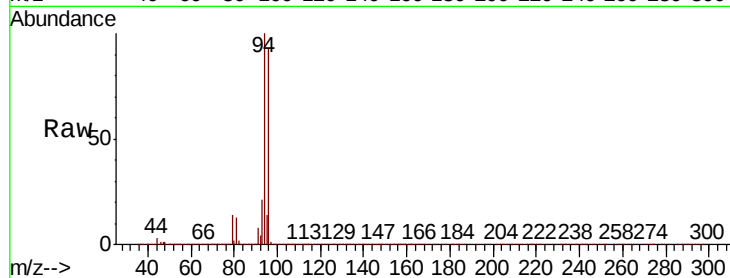
96 93.3 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 49.327 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014902.D

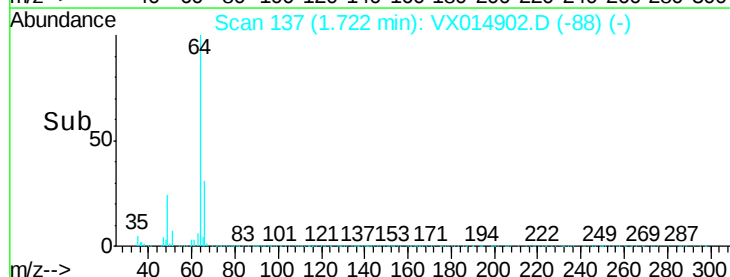
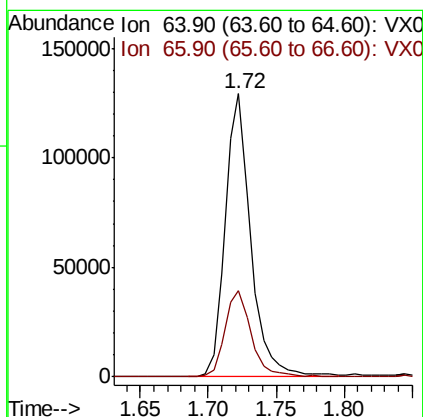
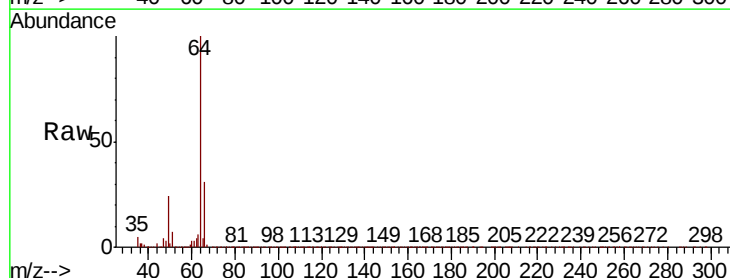
Acq: 10 Feb 2020 20:39

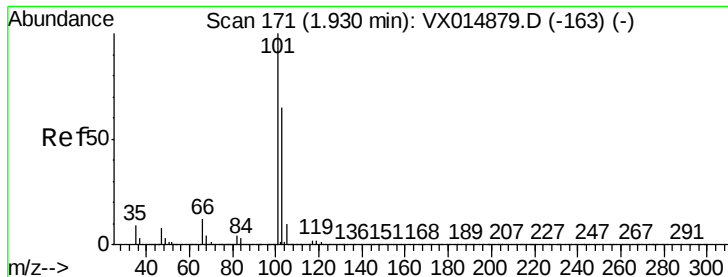
Tgt Ion: 64 Resp: 166864

Ion Ratio Lower Upper

64 100

66 30.3 26.2 39.4





#7

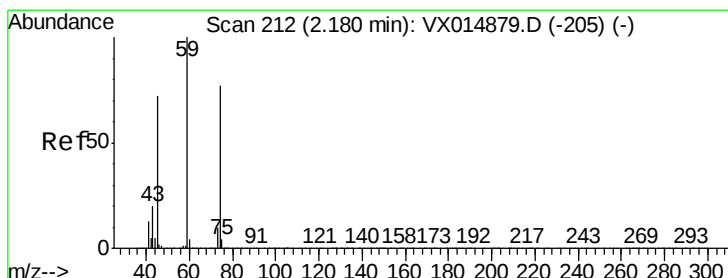
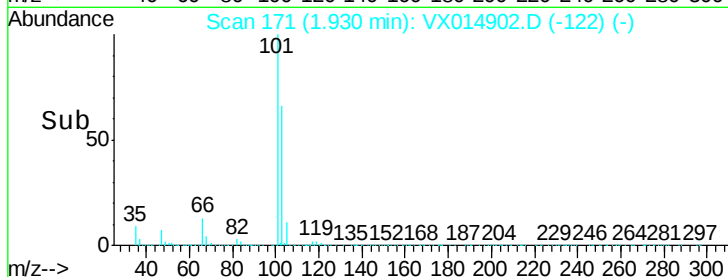
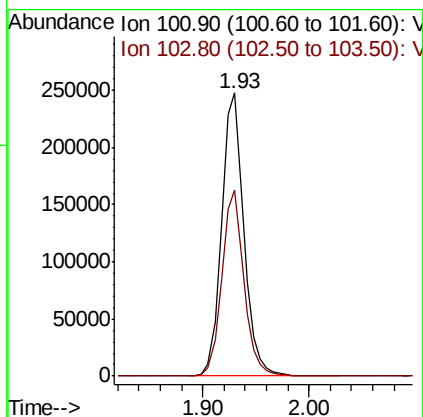
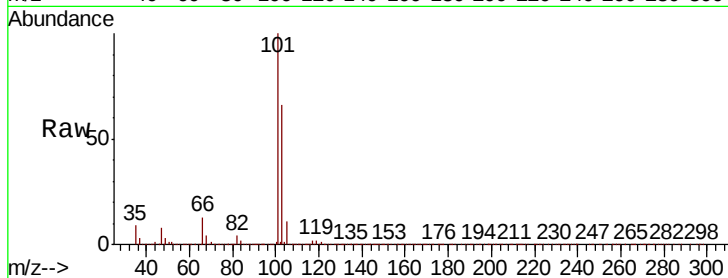
Trichlorofluoromethane
Concen: 48.900 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.2	78.4

Manual Integrations
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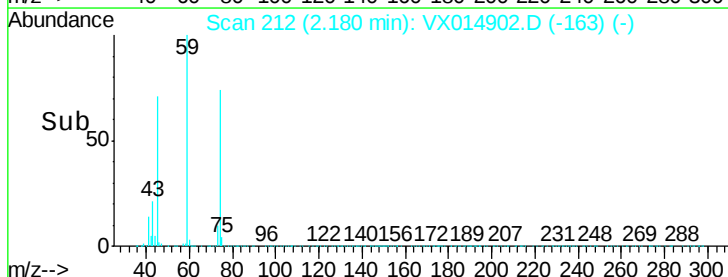
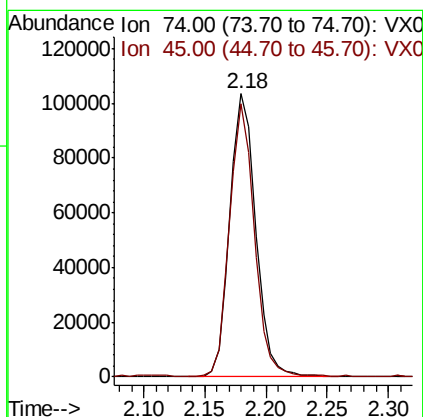
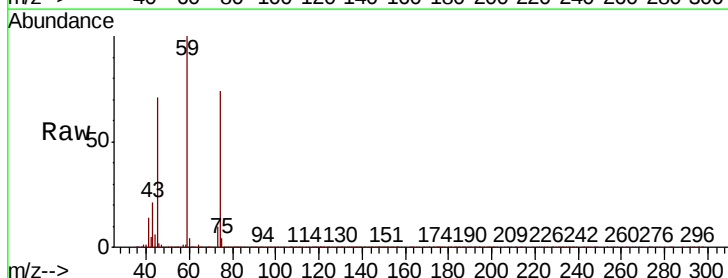
MMDadoda
2/11/2020 10:35:09 AM

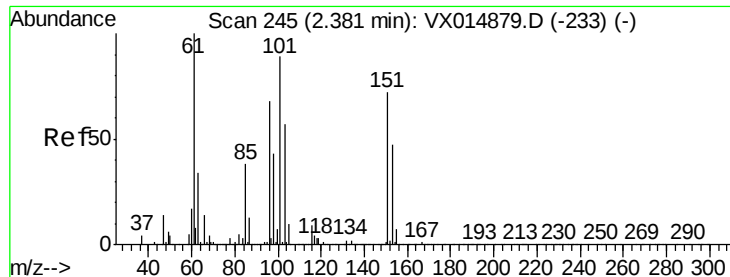


#8

Diethyl Ether
Concen: 49.212 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.078 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

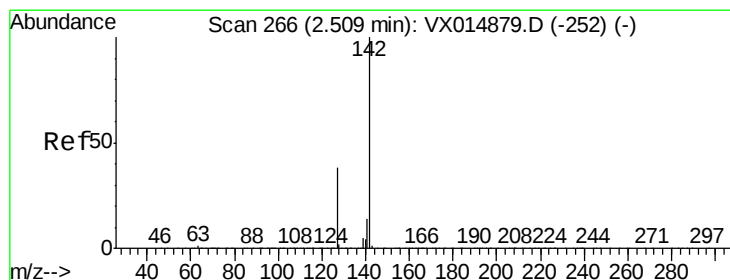
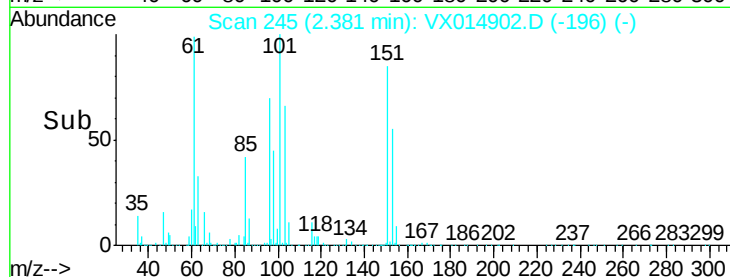
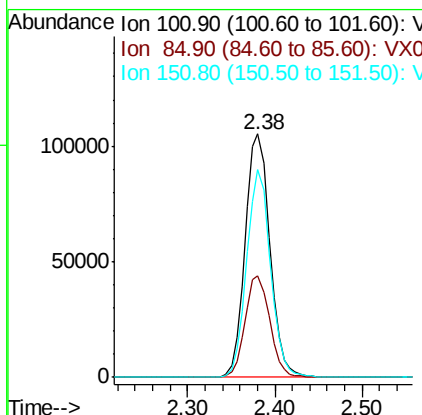
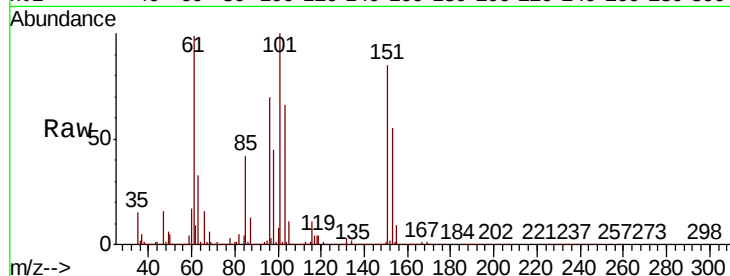
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	206139
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.1	51.1
151	82.6	67.3	100.9

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#10

Methyl Iodide

Concen: 52.602 ug/l

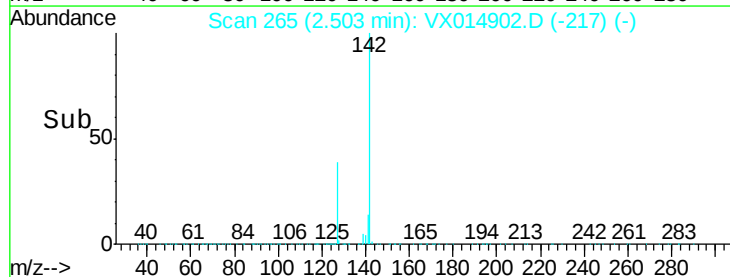
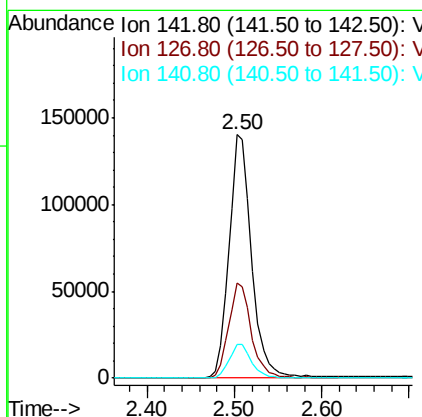
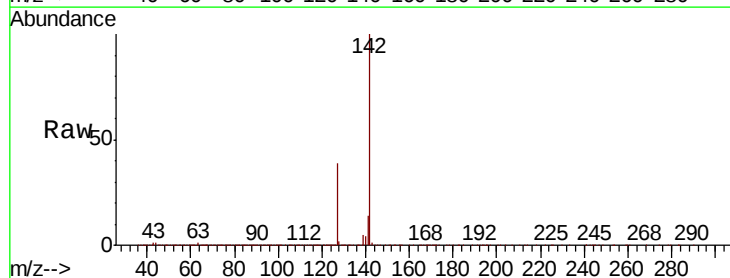
RT: 2.50 min Scan# 265

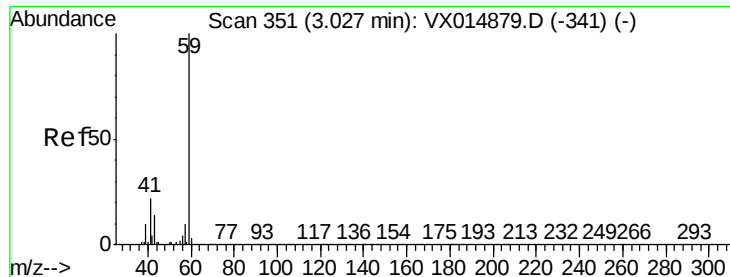
Delta R.T. -0.01 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	142	Resp:	252623
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.1	46.7
141	14.1	11.3	16.9





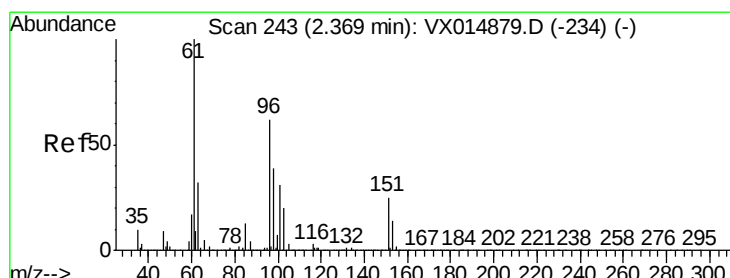
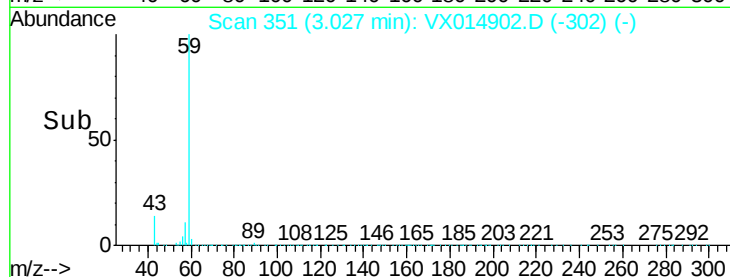
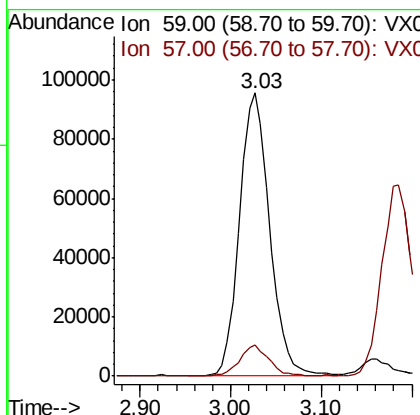
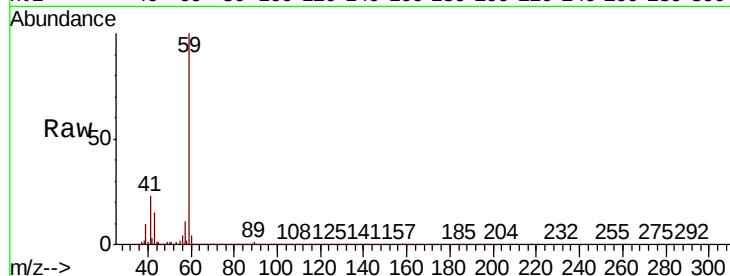
#11
Tert butyl alcohol
Concen: 241.322 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

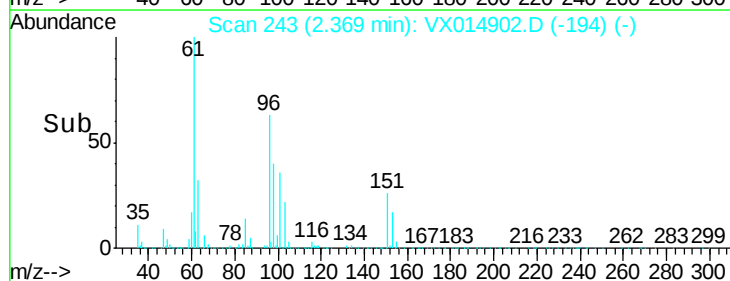
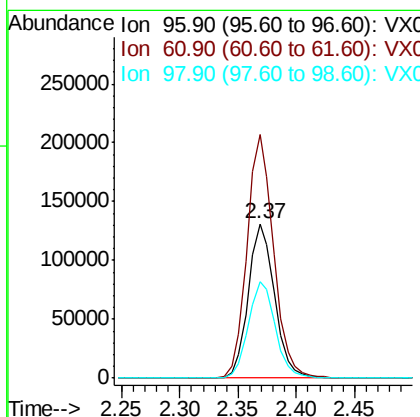
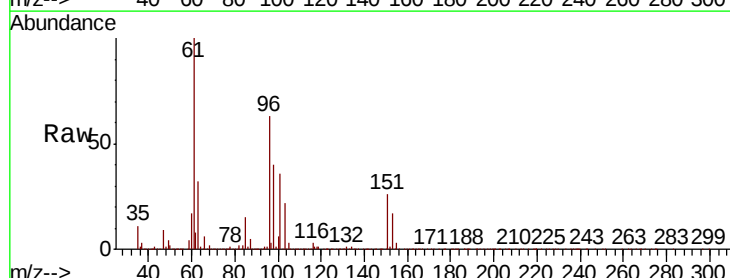
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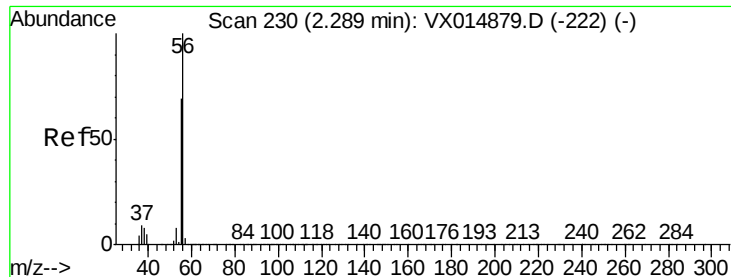
MMDadoda
2/11/2020 10:35:09 AM



#12
1,1-Dichloroethene
Concen: 49.476 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	129.5	194.3
98	62.3	50.6	76.0





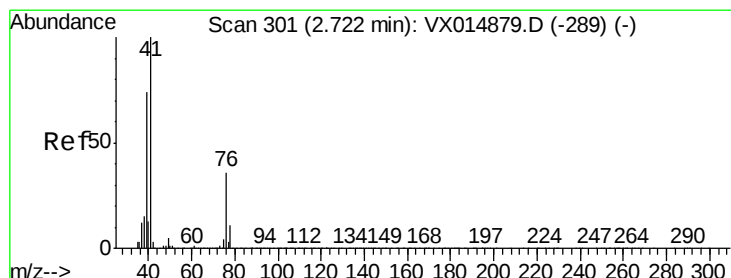
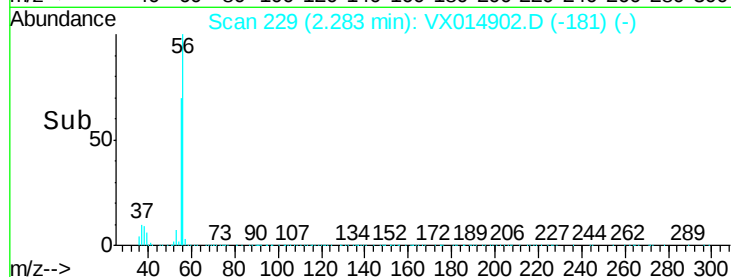
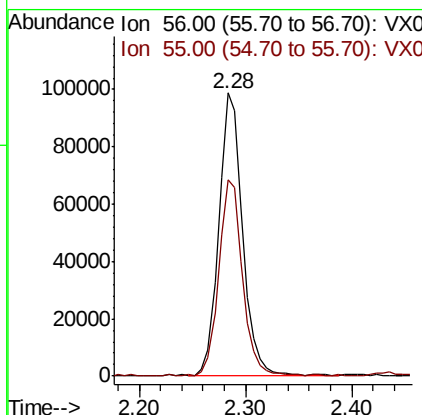
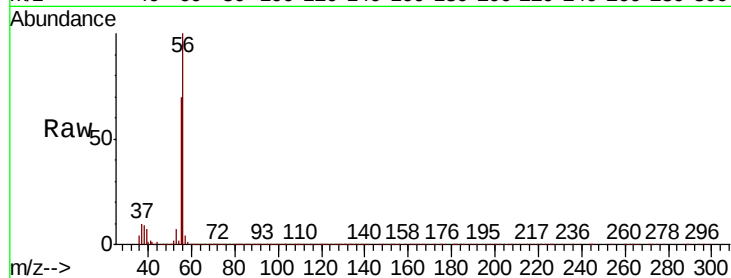
#13
Acrolein
Concen: 218.647 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	68.9	55.0	82.4	

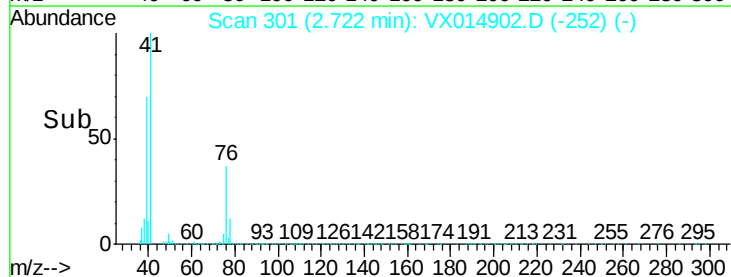
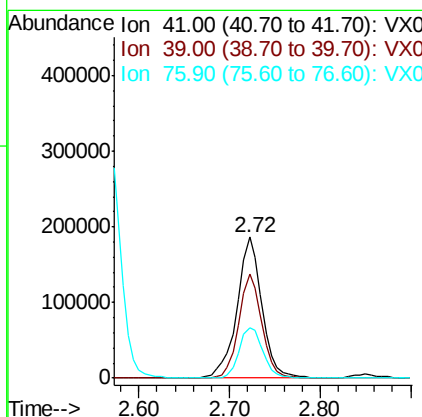
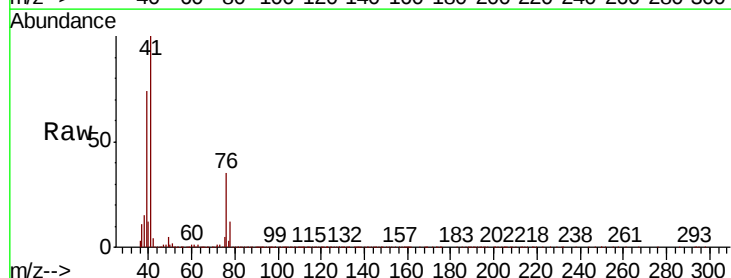
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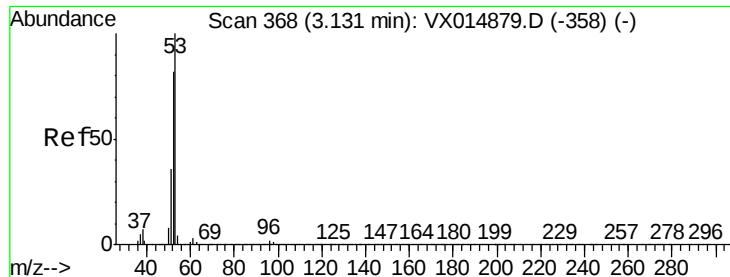
MMDadoda
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#14
Allyl chloride
Concen: 47.629 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	68.1	55.2	82.8	
76	34.4	26.8	40.2	





#15

Acrylonitrile

Concen: 248.408 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

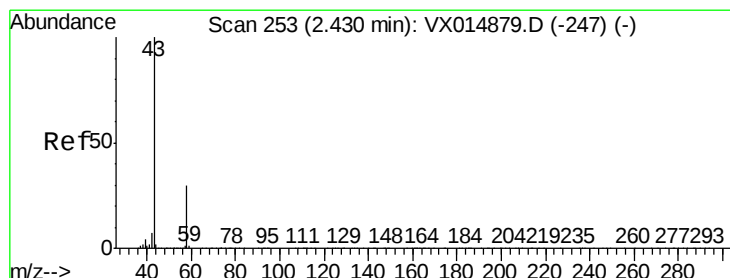
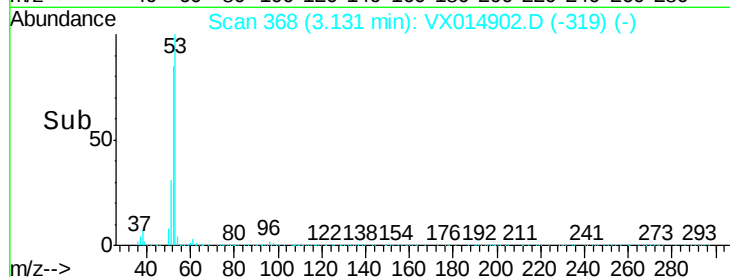
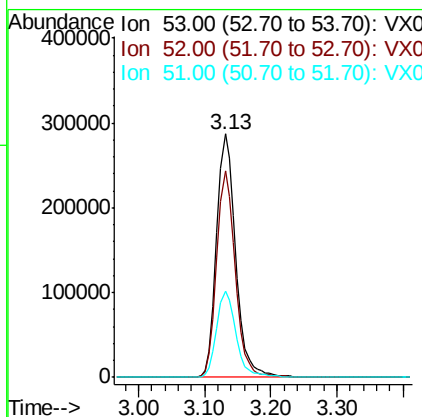
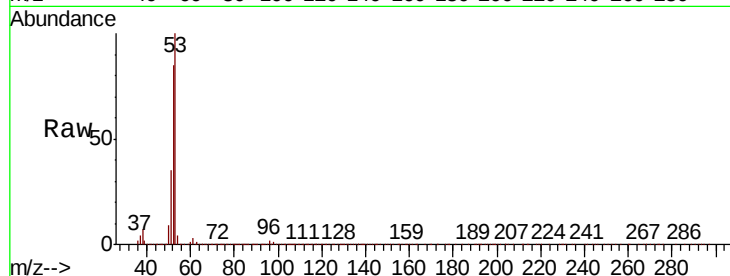
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	573580
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	36.1	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 212.569 ug/l

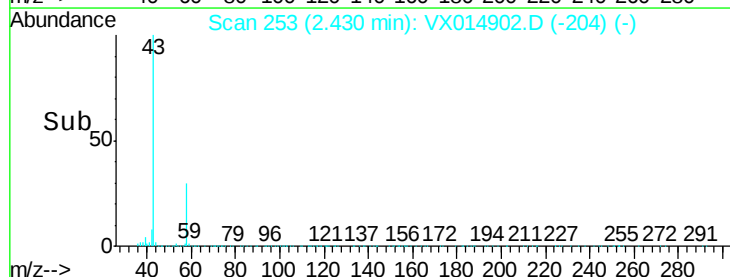
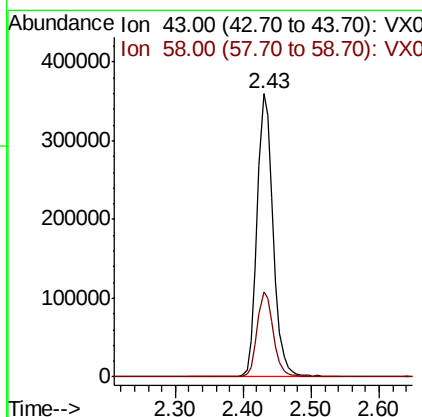
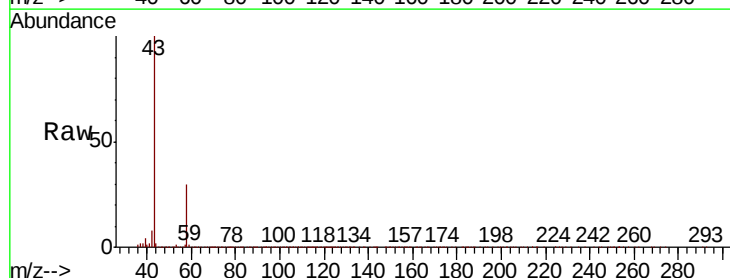
RT: 2.43 min Scan# 253

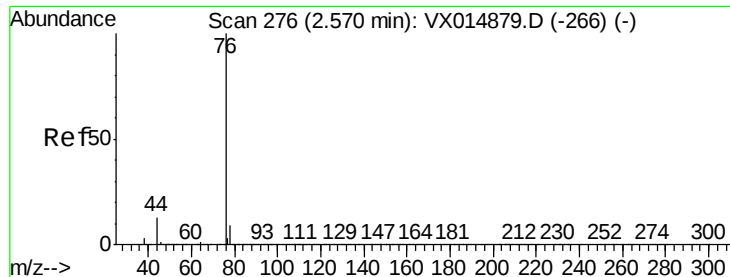
Delta R.T. 0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	43	Resp:	593580
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.1	36.1





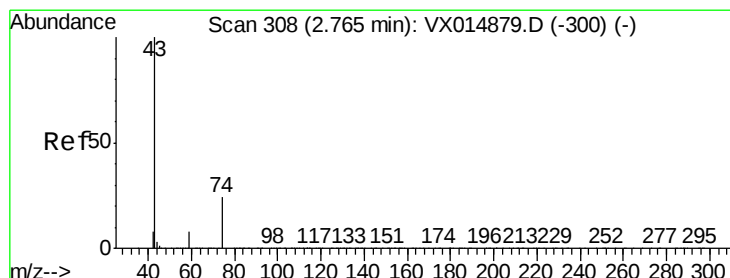
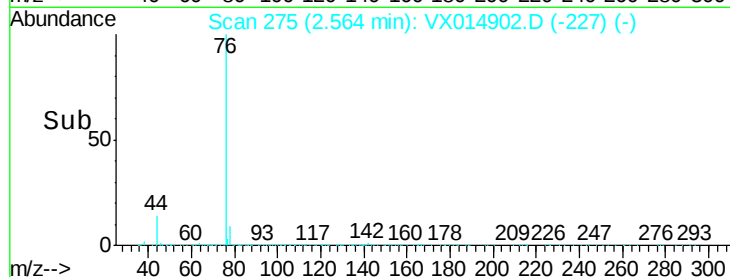
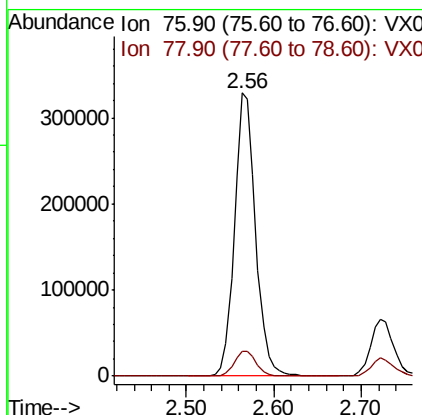
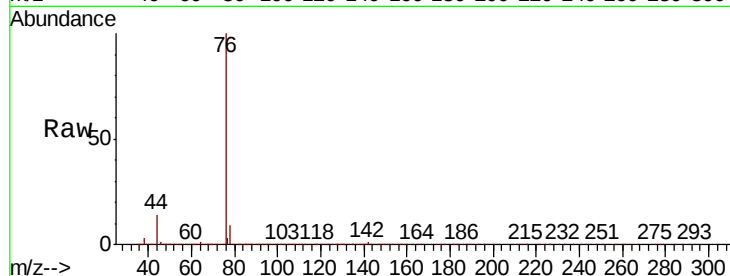
#17
Carbon Disulfide
Concen: 47.182 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

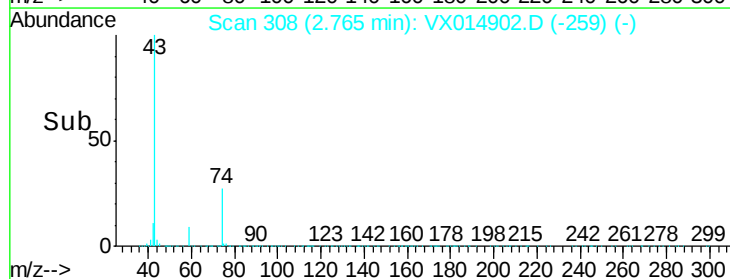
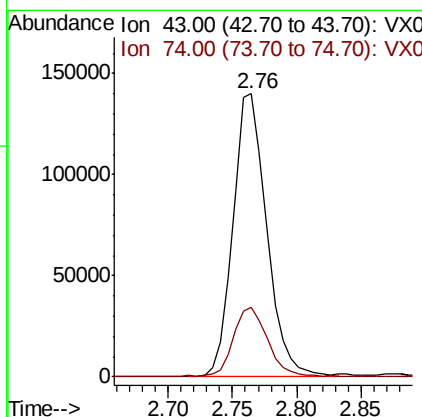
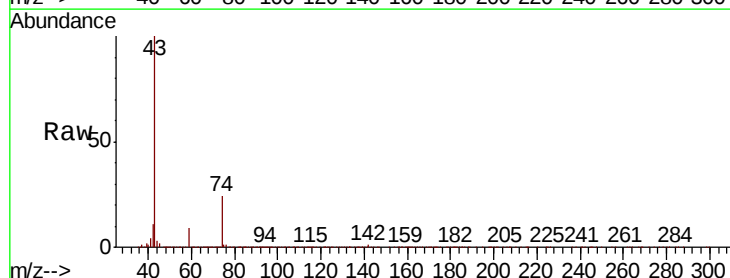
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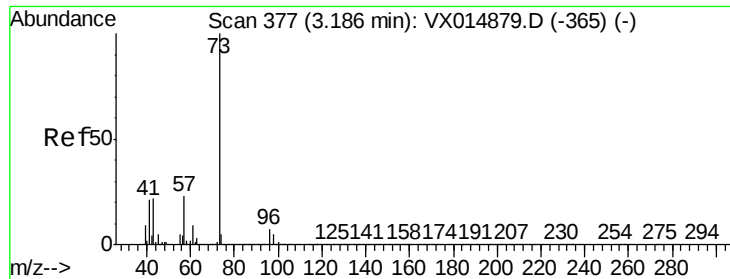
MMDadoda
2/11/2020 10:35:09 AM



#18
Methyl Acetate
Concen: 48.902 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.4	29.0





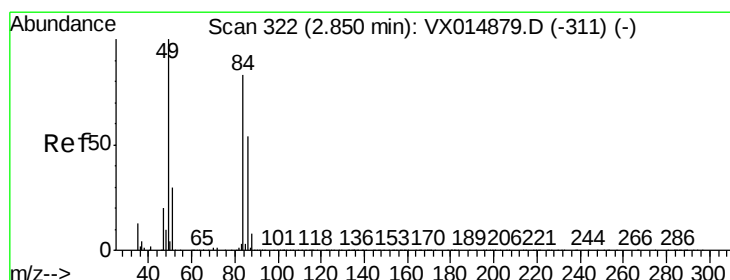
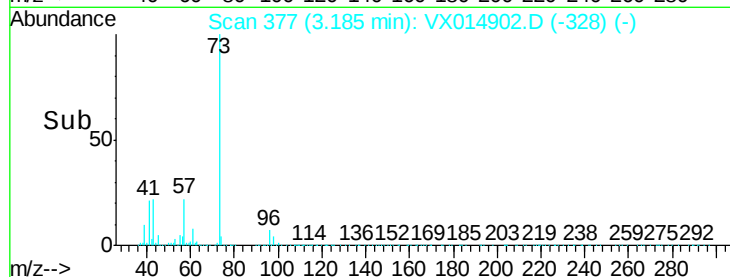
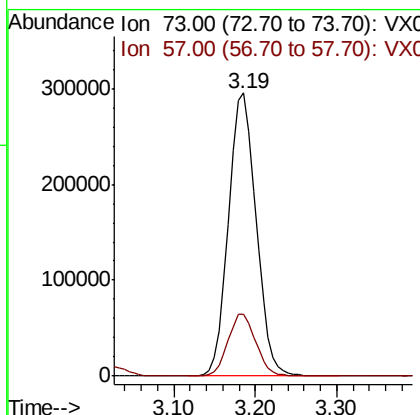
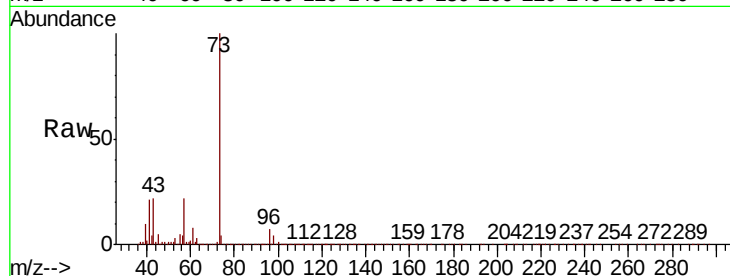
#19
Methvl tert-butvl Ether
Concen: 50.527 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.2	27.4

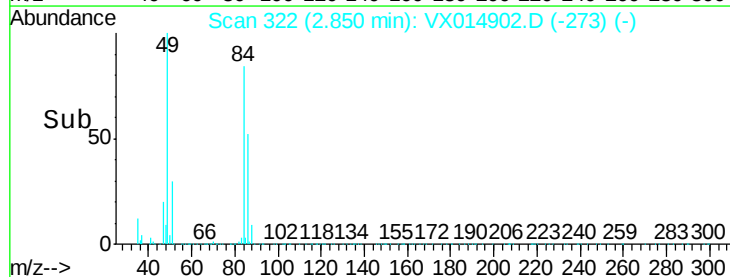
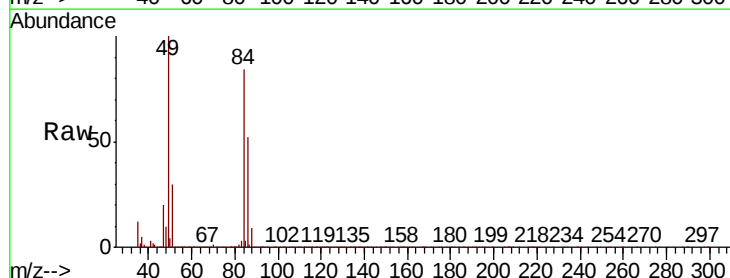
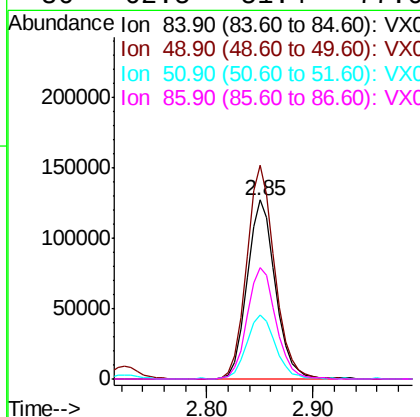
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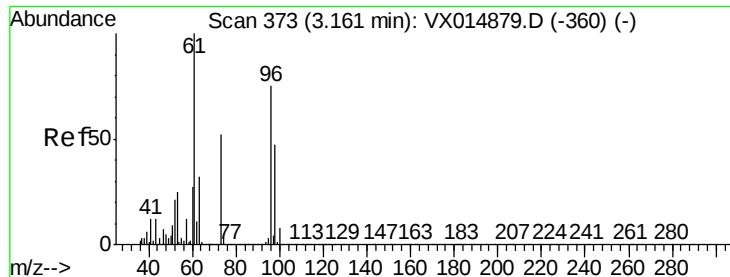
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#20
Methylene Chloride
Concen: 47.710 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.1	95.6	143.4
51	35.8	29.0	43.6
86	62.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 49.145 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

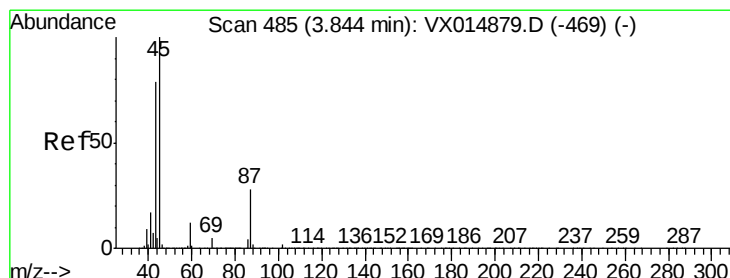
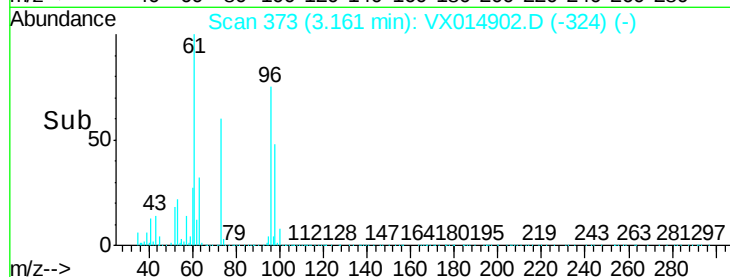
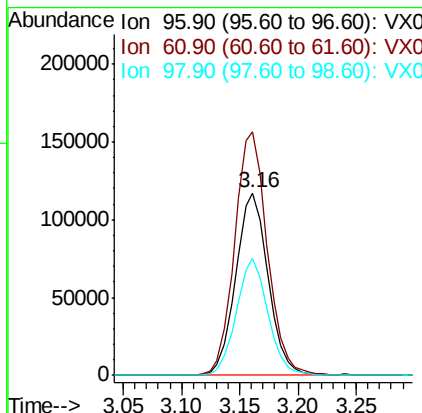
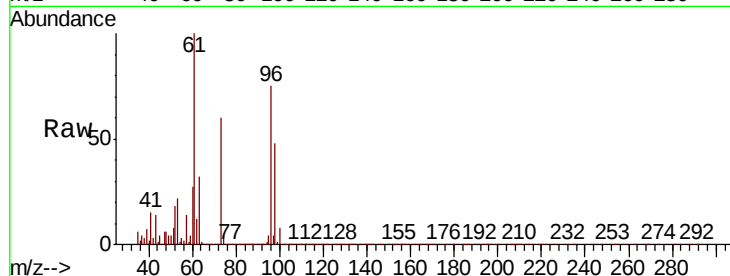
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	227196
Ion Ratio	Lower	Upper	
96	100		
61	133.3	106.9	160.3
98	63.7	50.7	76.1

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#22

Diisopropyl ether

Concen: 50.430 ug/l

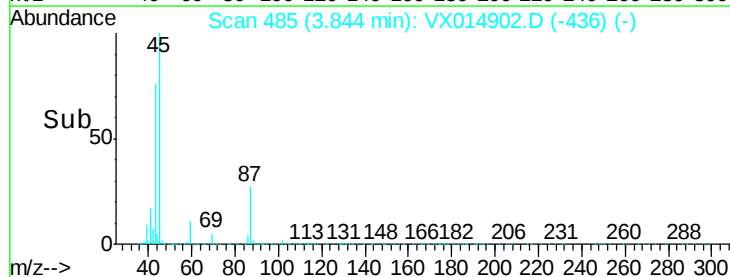
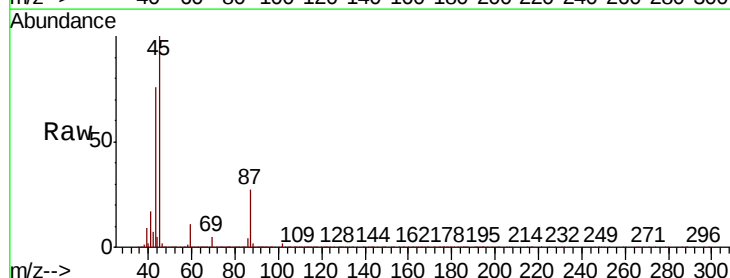
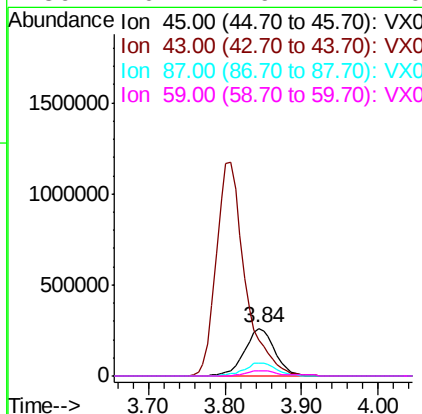
RT: 3.84 min Scan# 485

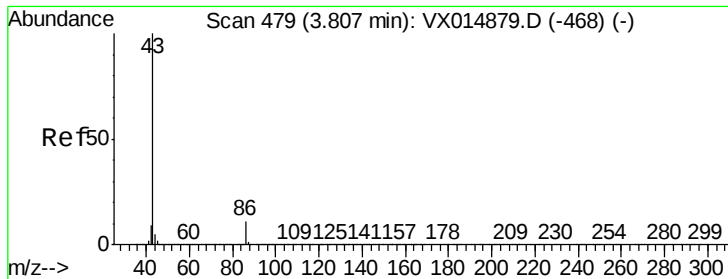
Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	45	Resp:	715467
Ion Ratio	Lower	Upper	
45	100		
43	75.4	63.5	95.3
87	27.4	22.2	33.4
59	10.7	9.4	14.0





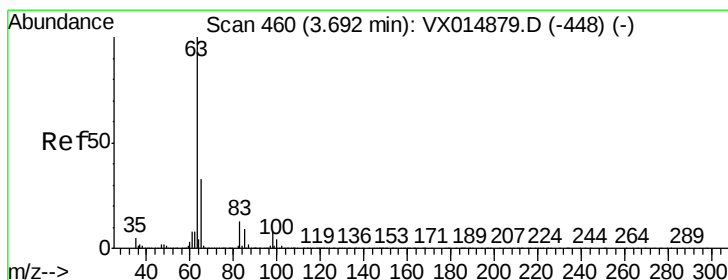
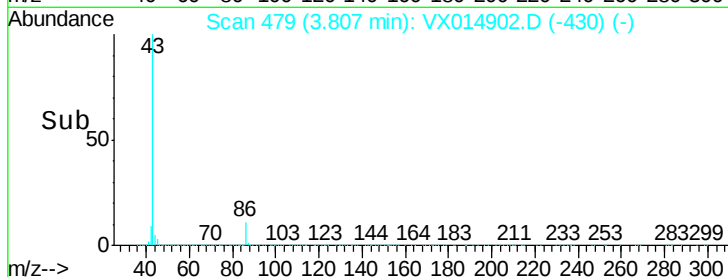
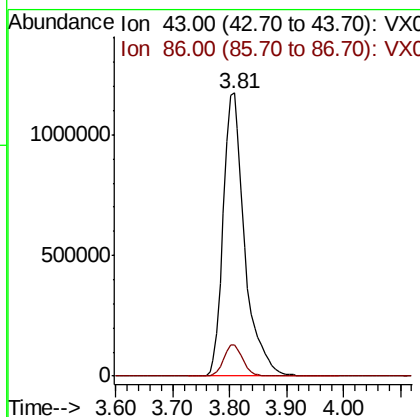
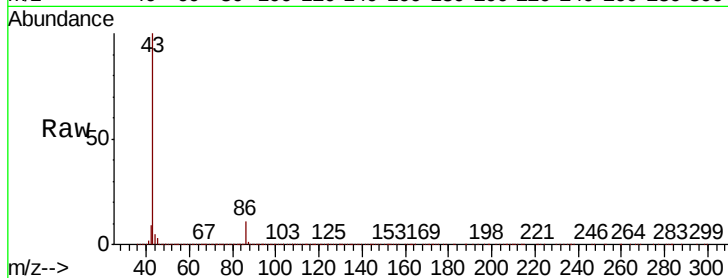
#23
 Vinyl Acetate
 Concen: 262.084 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3065139
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

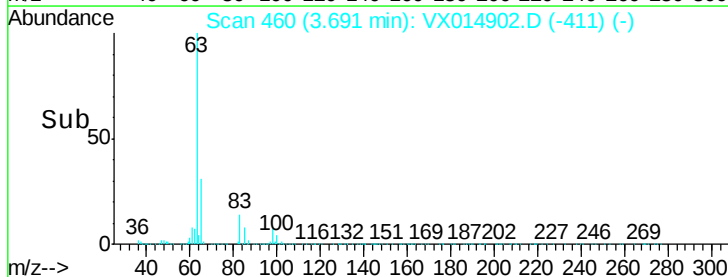
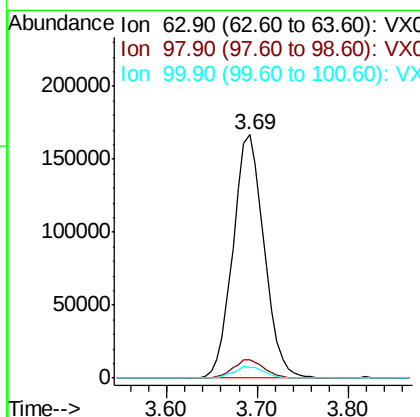
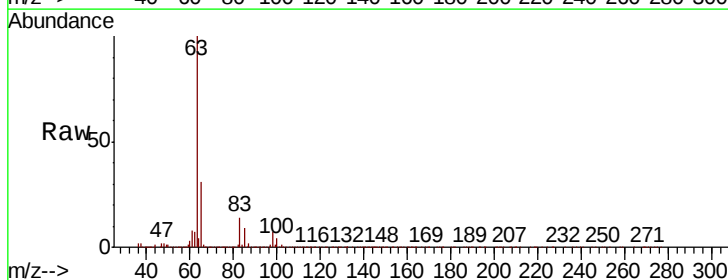
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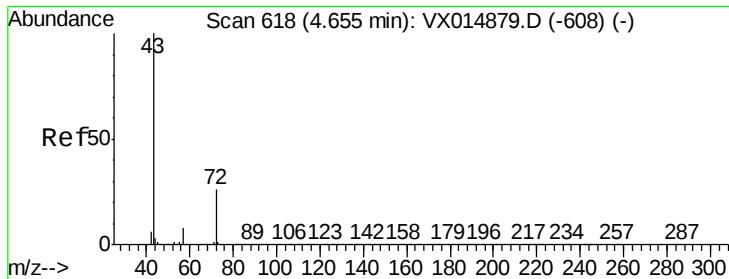
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 2/11/2020 10:35:09 AM



#24
 1,1-Dichloroethane
 Concen: 49.478 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Tgt Ion: 63 Resp: 396172
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 236.011 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 828869

Ion Ratio Lower Upper

43 100

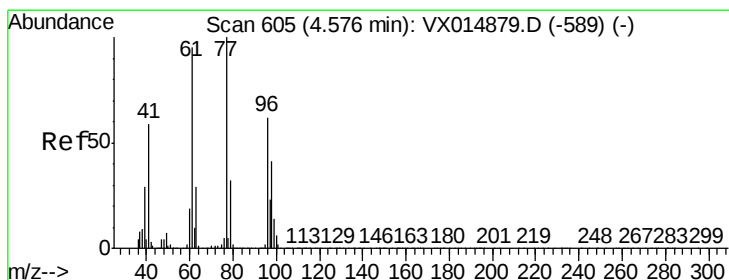
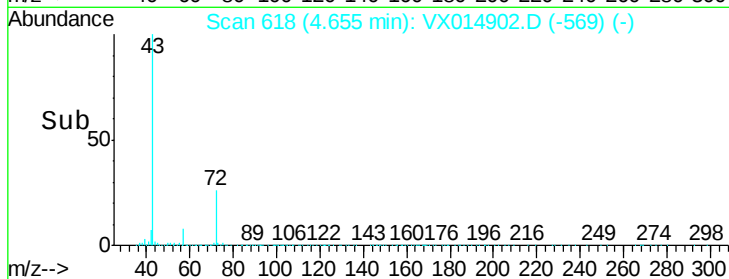
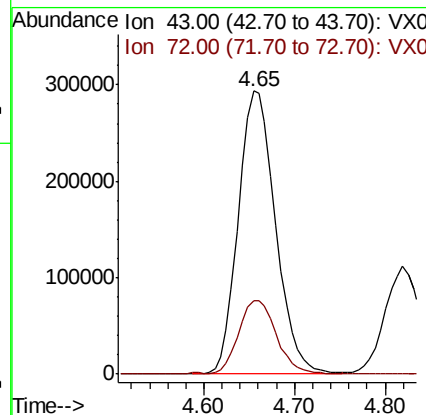
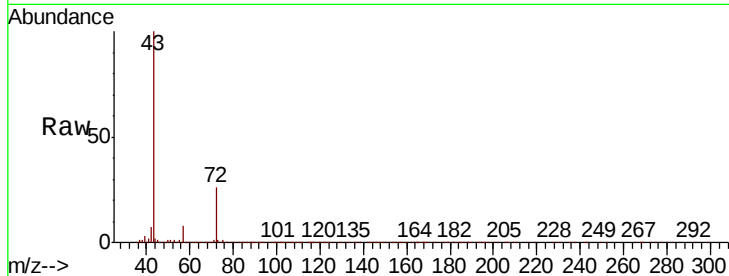
72 25.9 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.655 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014902.D

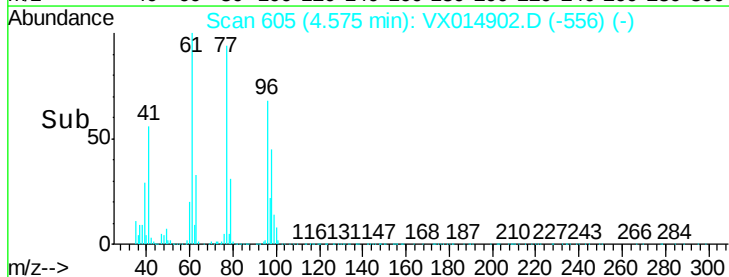
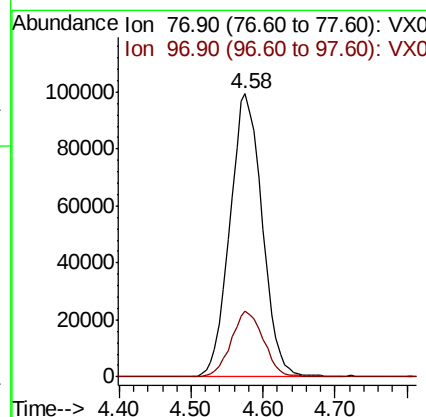
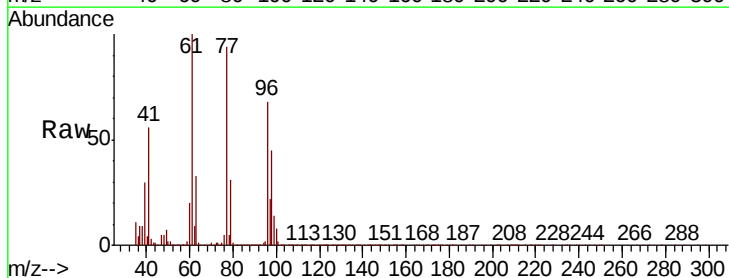
Acq: 10 Feb 2020 20:39

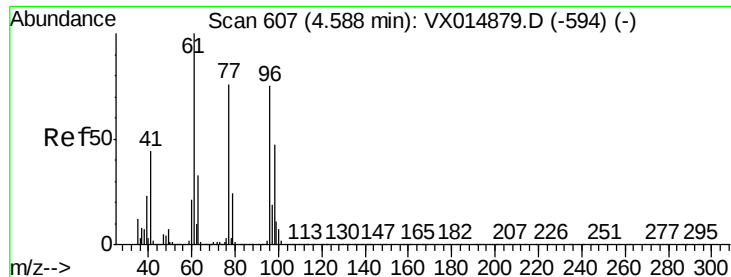
Tgt Ion: 77 Resp: 308135

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5





#27

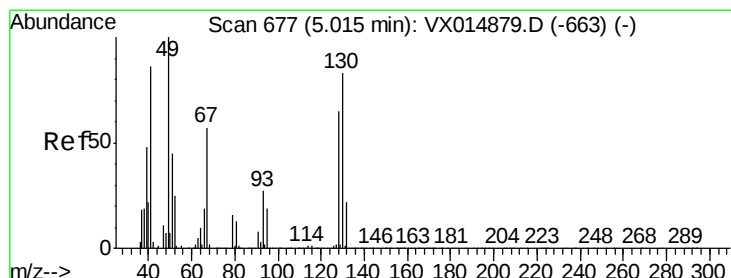
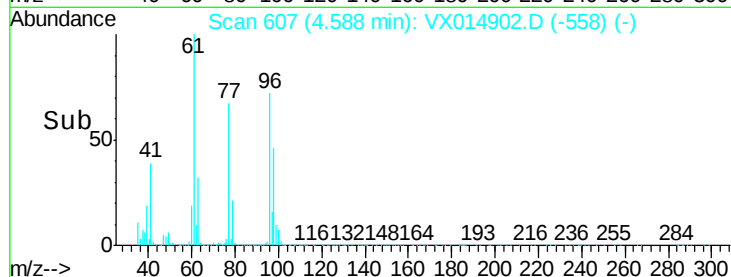
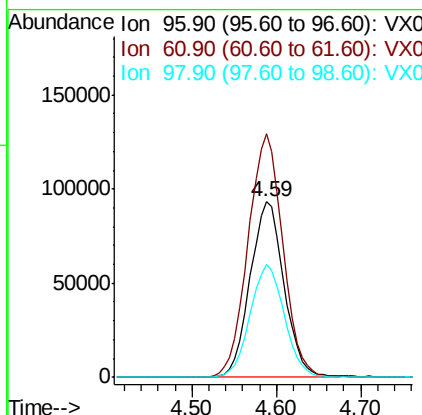
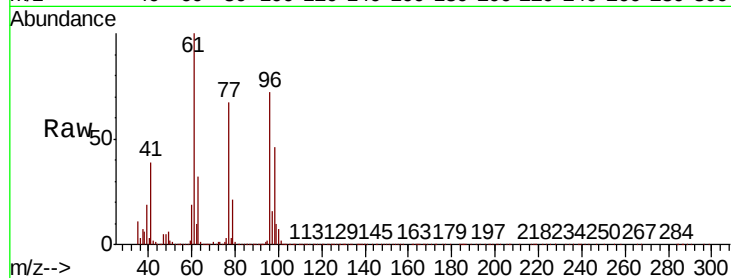
cis-1,2-Dichloroethene
Concen: 49.370 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	255134		
61	142.4	0.0	286.2	
98	65.1	0.0	131.0	

Manual Integrations
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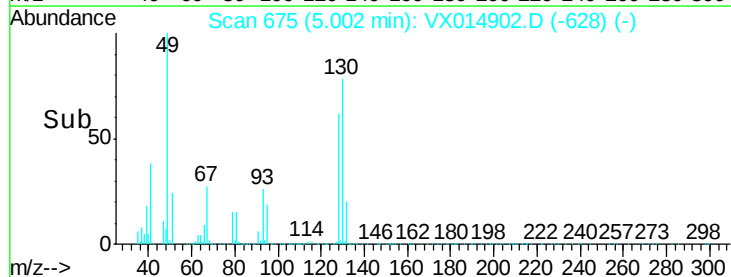
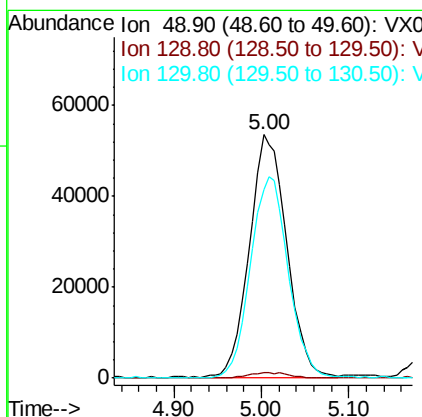
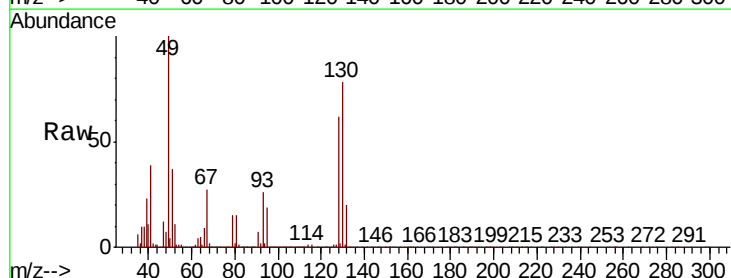
MMDadoda
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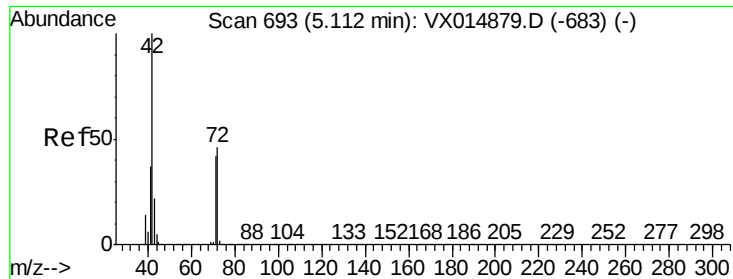


#28

Bromochloromethane
Concen: 51.131 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	158688		
129	2.5	0.0	5.2	
130	84.3	67.4	101.2	





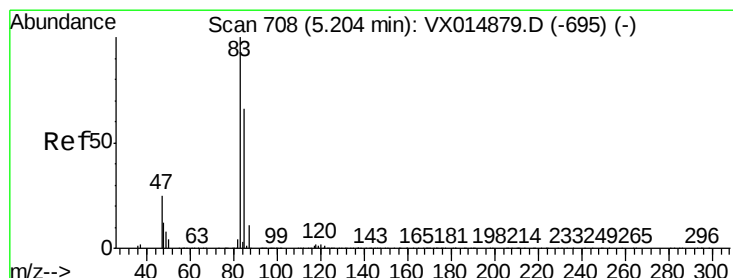
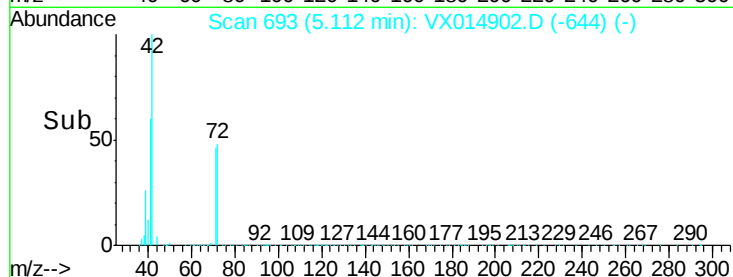
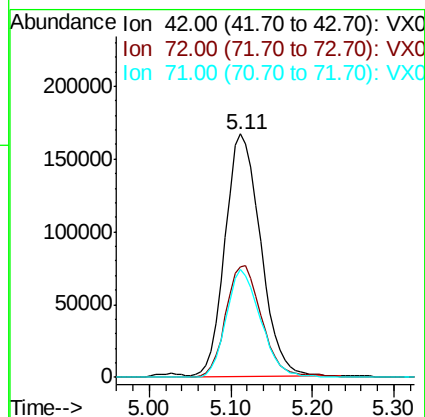
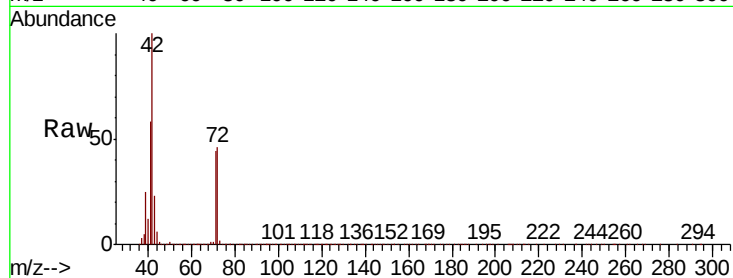
#29
Tetrahydrofuran
Concen: 252.170 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.9	55.3
71	43.1	34.1	51.1

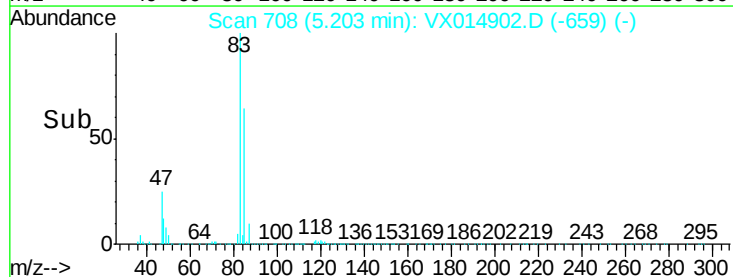
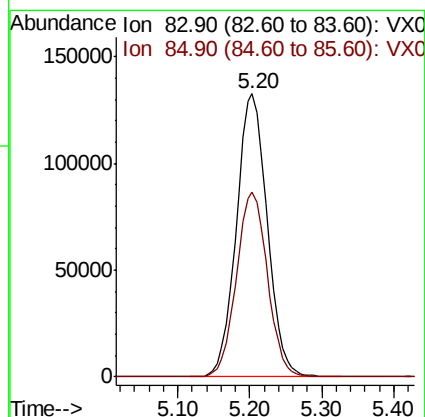
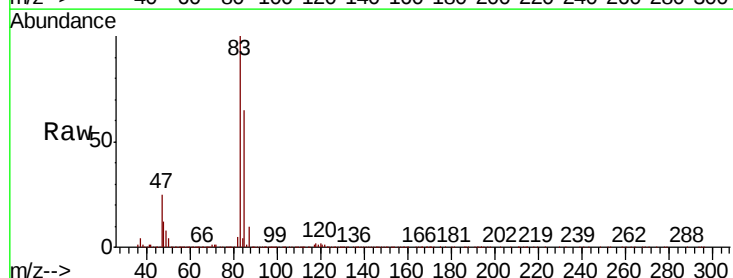
Manual Integrations
APPROVED

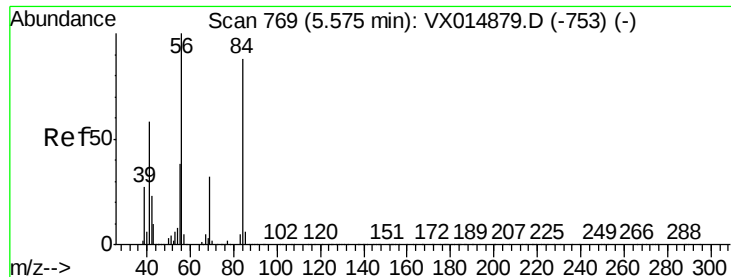
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#30
Chloroform
Concen: 49.562 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.9	79.3





#31

Cyclohexane

Concen: 48.587 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

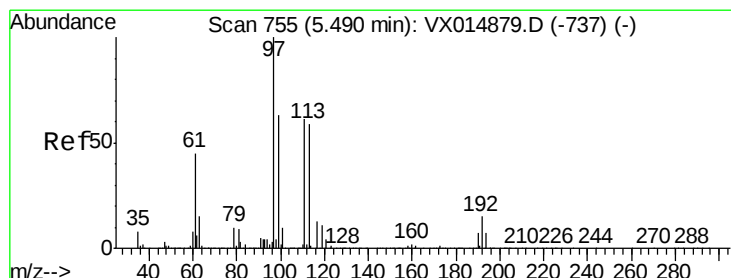
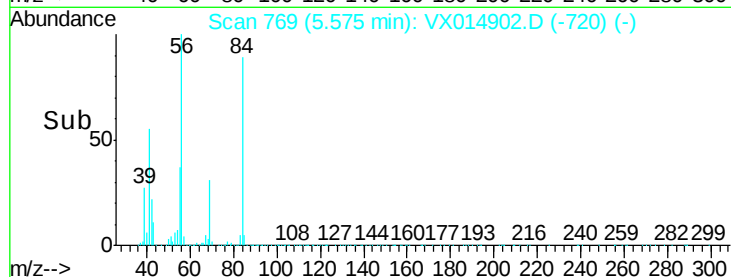
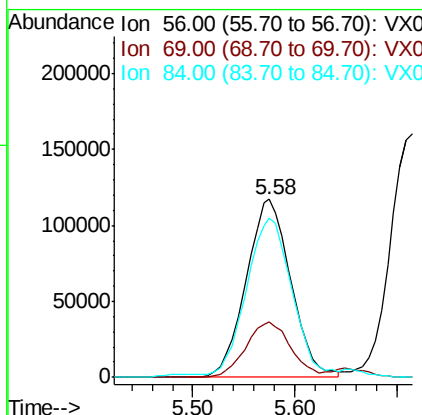
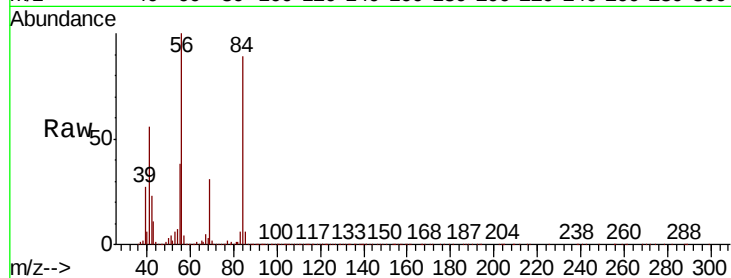
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	354335
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	88.0	70.4	105.6

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#32

1,1,1-Trichloroethane

Concen: 49.313 ug/l

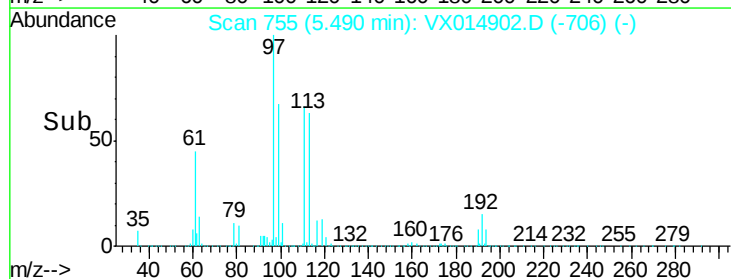
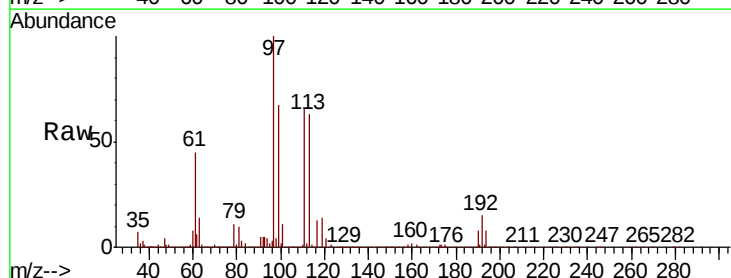
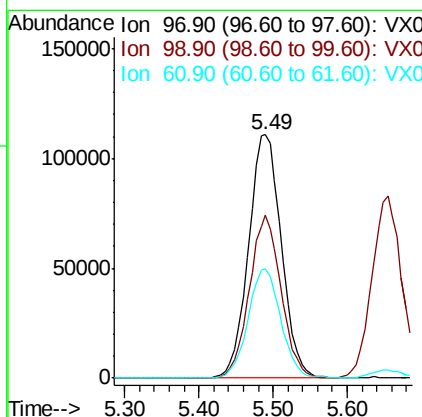
RT: 5.49 min Scan# 755

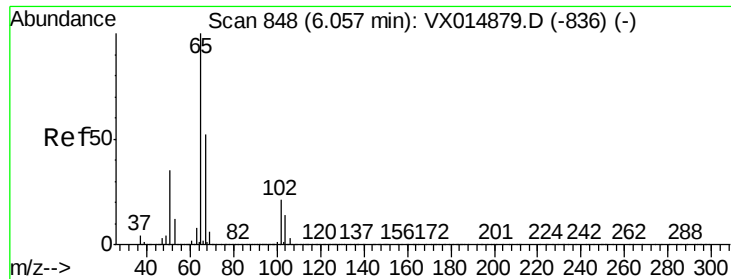
Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	97	Resp:	342685
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	45.1	36.3	54.5





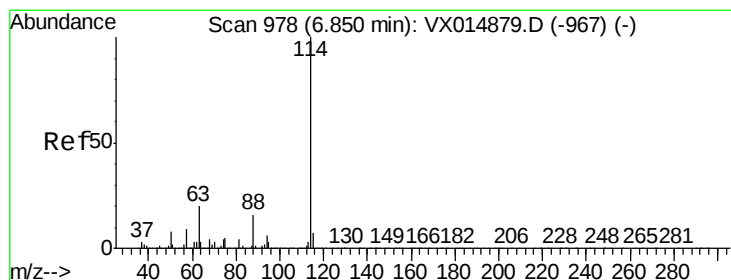
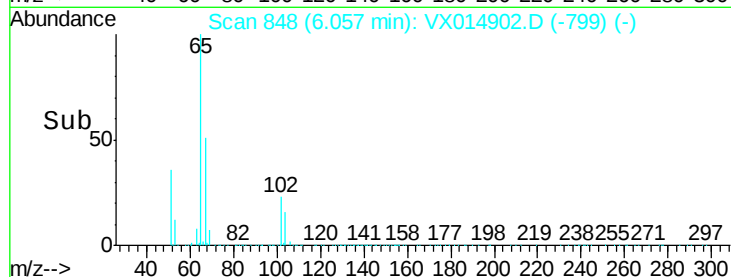
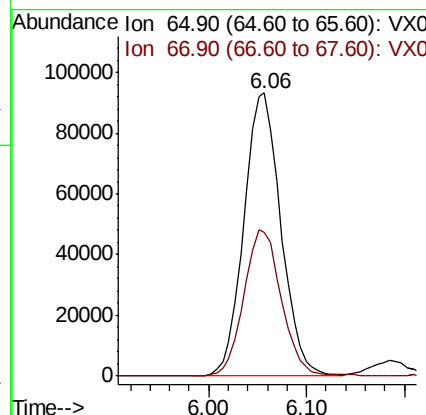
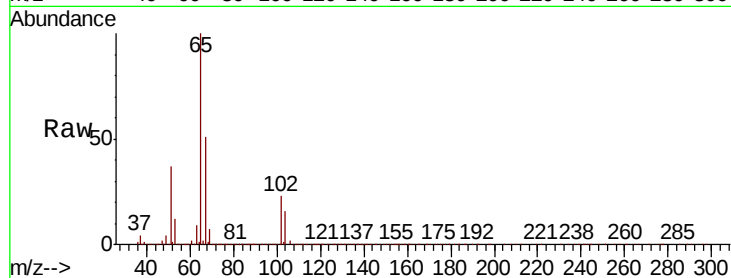
#33
 1,2-Dichloroethane-d4
 Concen: 47.183 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0

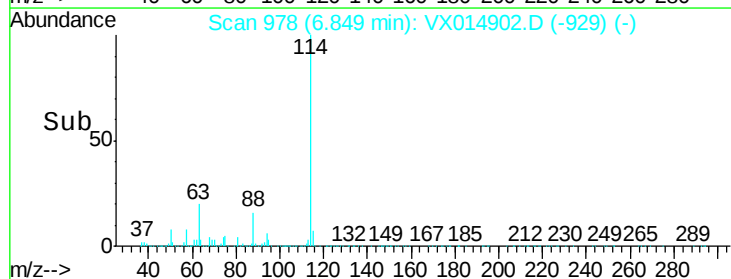
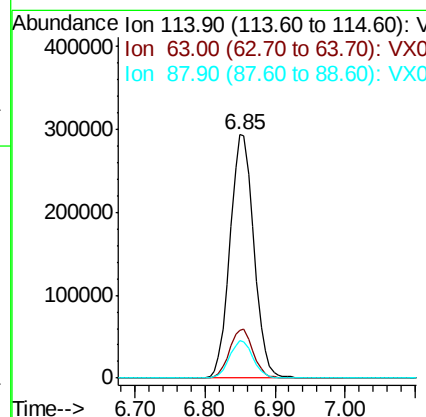
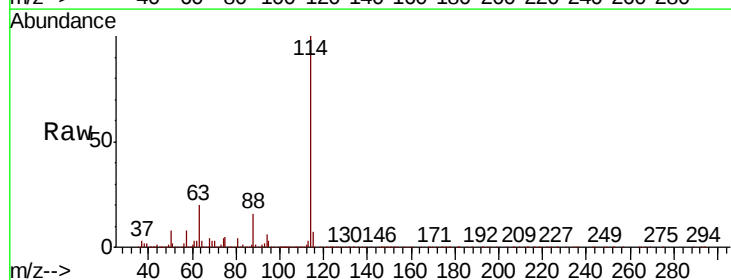
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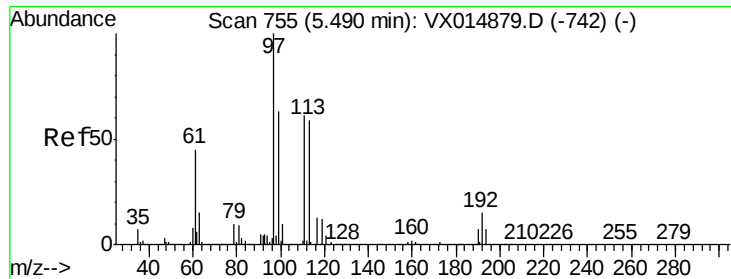
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.2
88	15.6	0.0	32.0





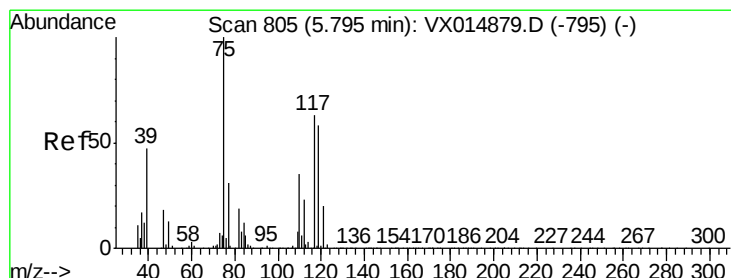
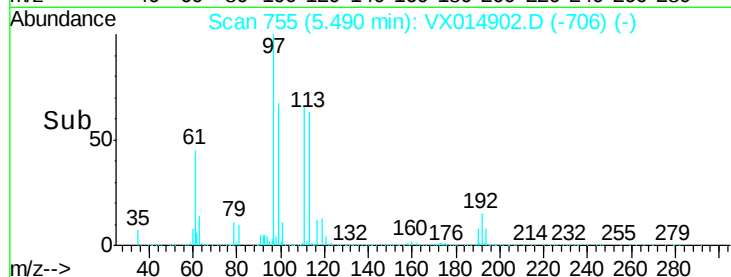
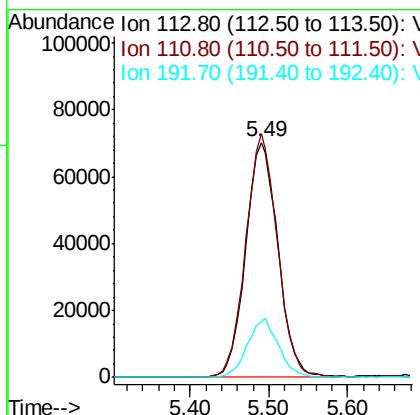
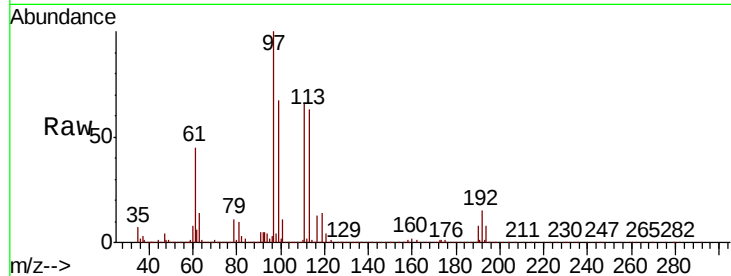
#35
Dibromofluoromethane
Concen: 46.667 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200021		
111	101.8		82.4	123.6
192	24.3		19.1	28.7

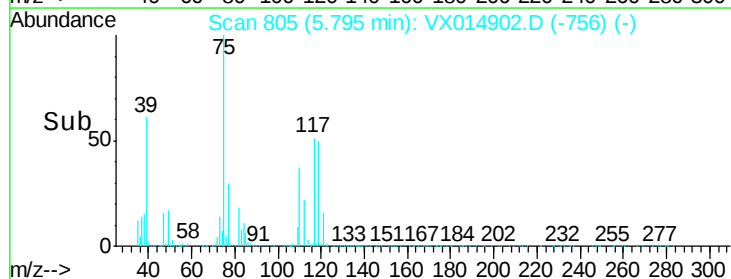
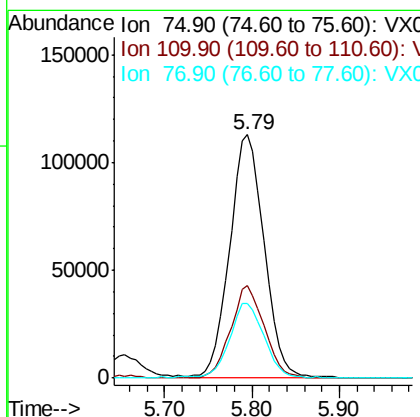
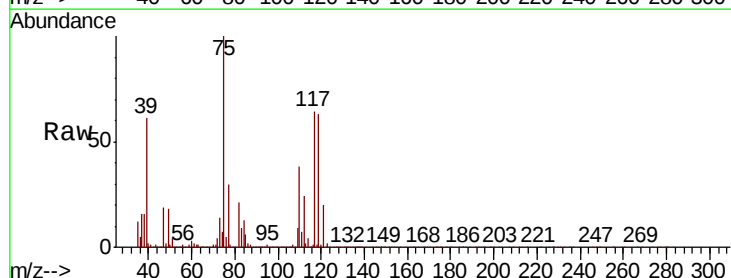
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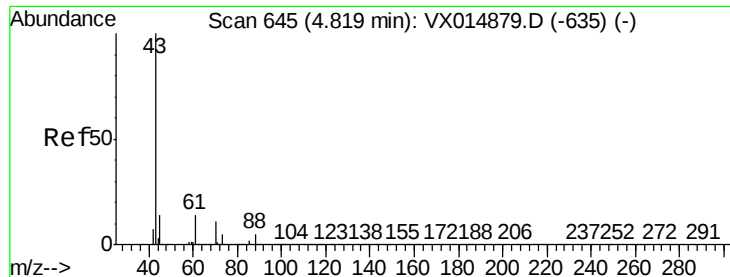
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#36
1,1-Dichloropropene
Concen: 49.287 ug/l
RT: 5.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	307375		
110	37.0		18.3	54.8
77	30.4		24.6	36.8





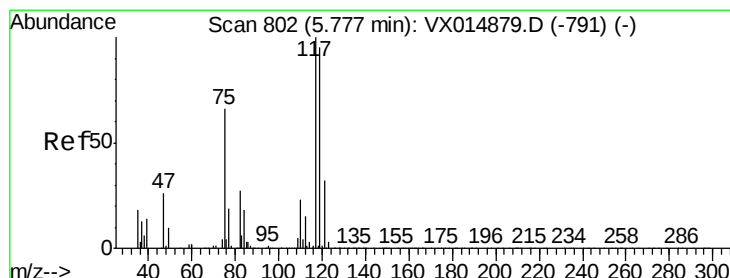
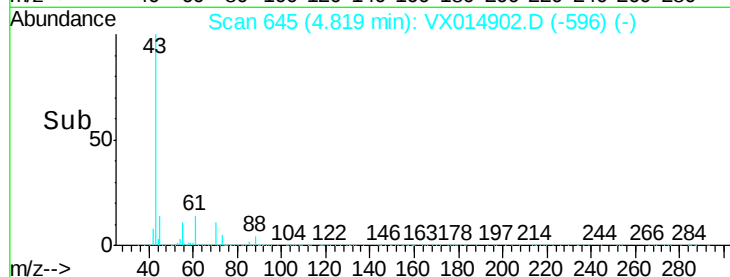
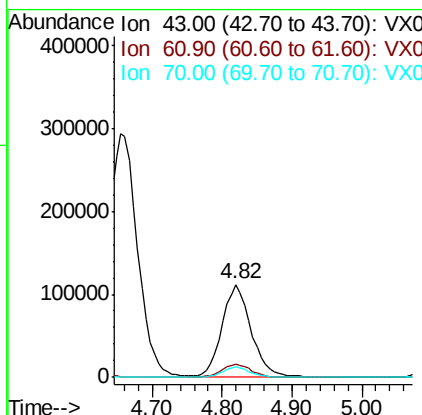
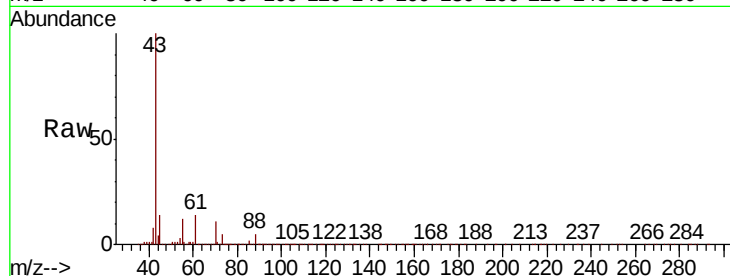
#37
Ethyl Acetate
Concen: 49.325 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.8	8.7	13.1

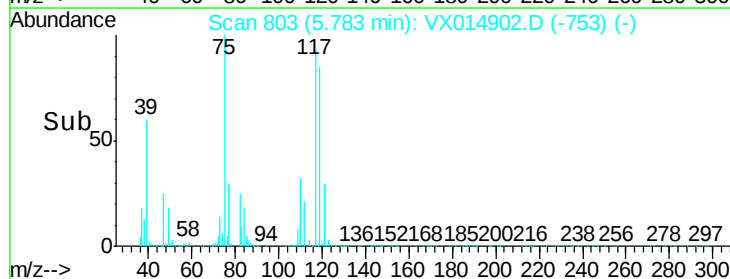
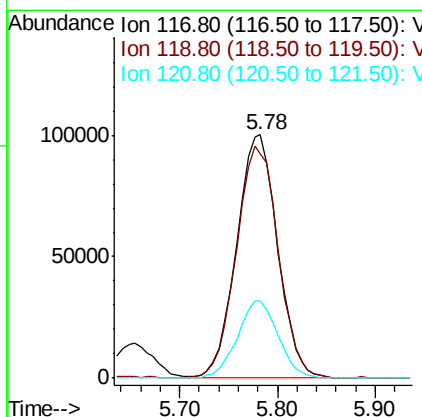
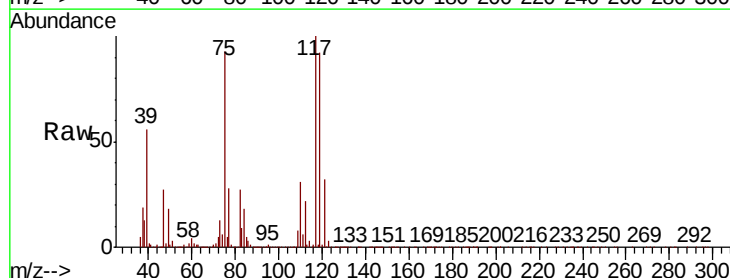
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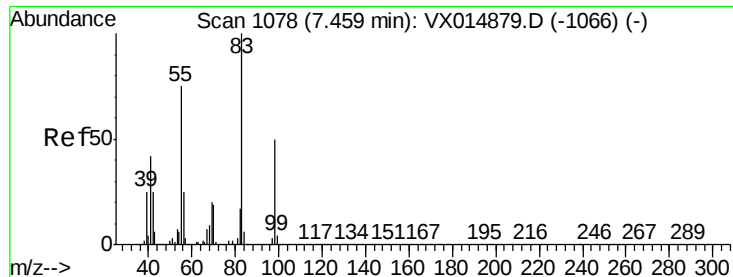
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#38
Carbon Tetrachloride
Concen: 47.745 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.0	114.0
121	32.0	25.4	38.2





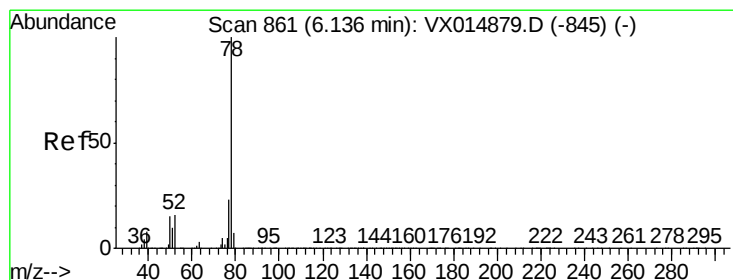
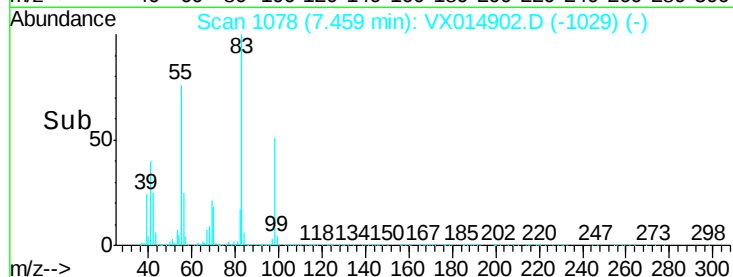
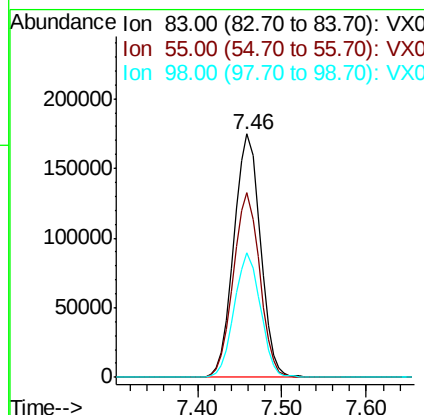
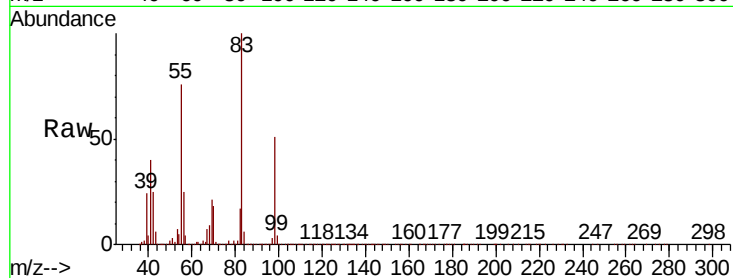
#39
Methvlcvclohexane
Concen: 47.474 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.0	90.0
98	51.0	39.6	59.4

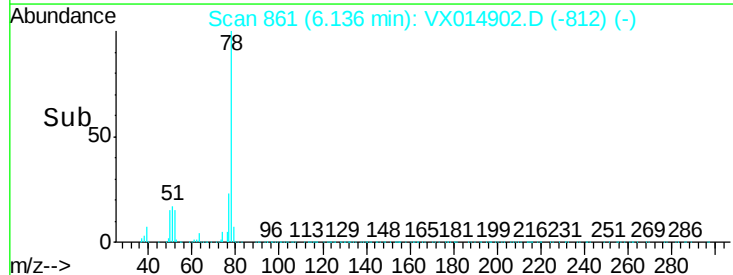
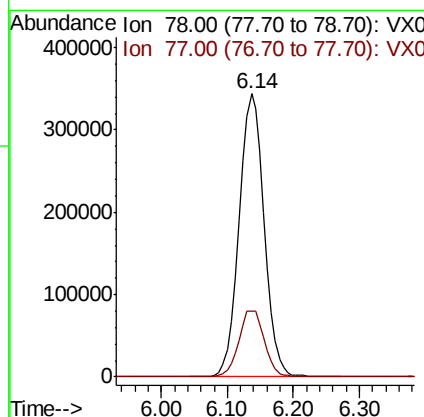
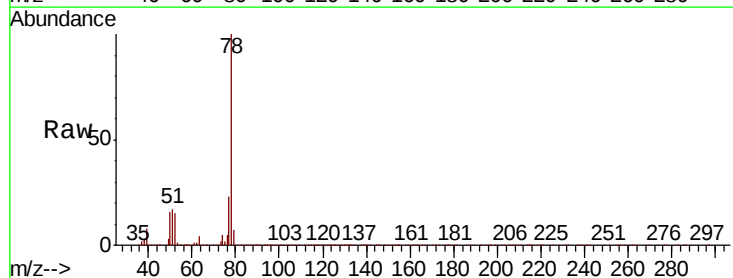
Manual Integrations
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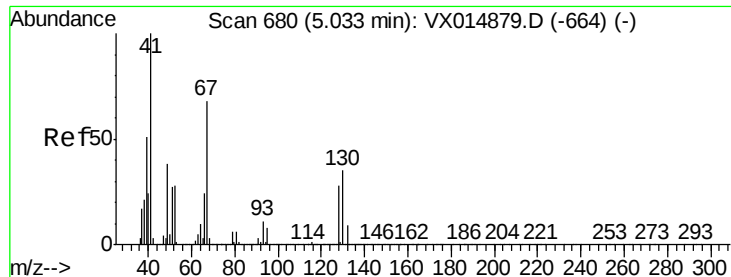
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#40
Benzene
Concen: 48.421 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





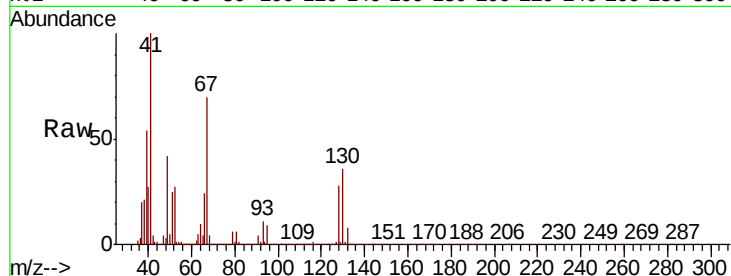
#41
Methacrylonitrile
Concen: 49.898 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

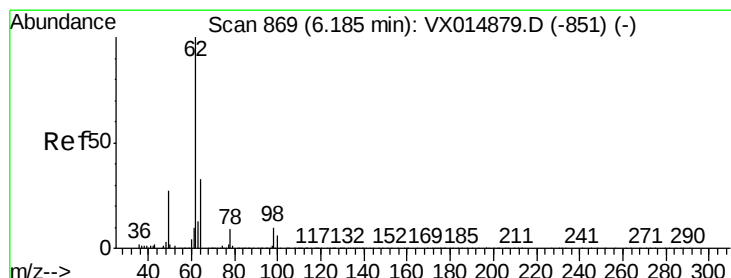
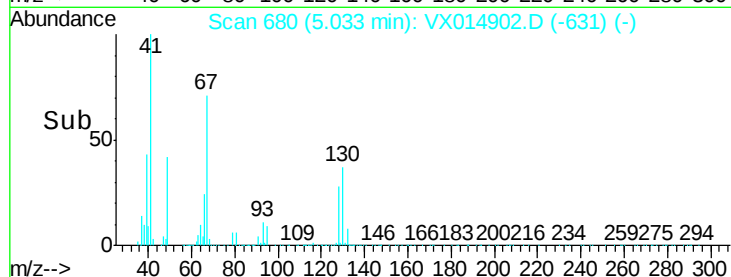
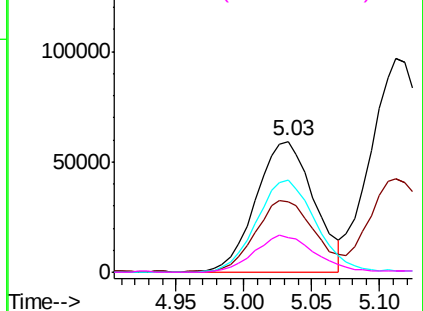
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	44.7	67.1	
67	72.5	56.6	84.8	
52	29.0	22.3	33.5	

Manual Integrations
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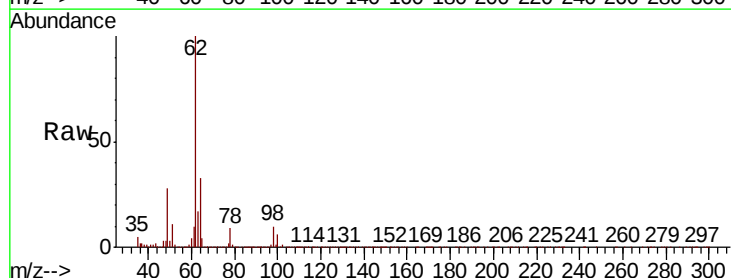


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

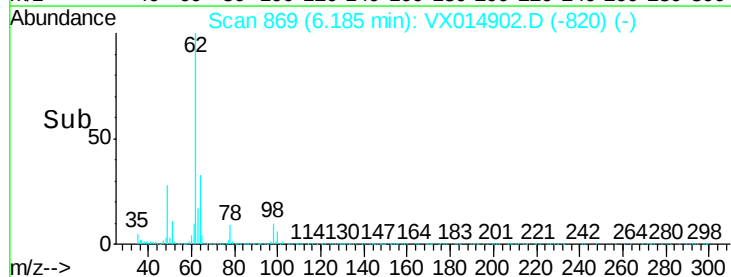
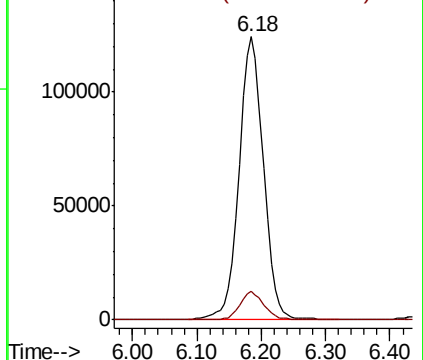


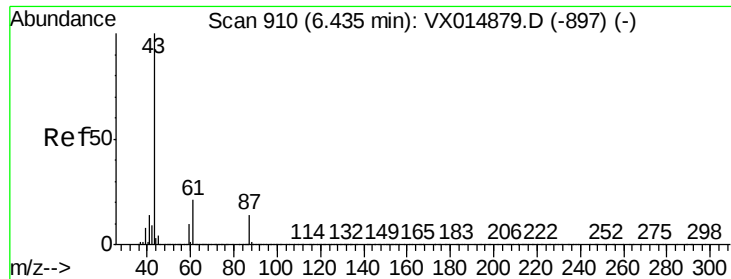
#42
1,2-Dichloroethane
Concen: 47.896 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.2	



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





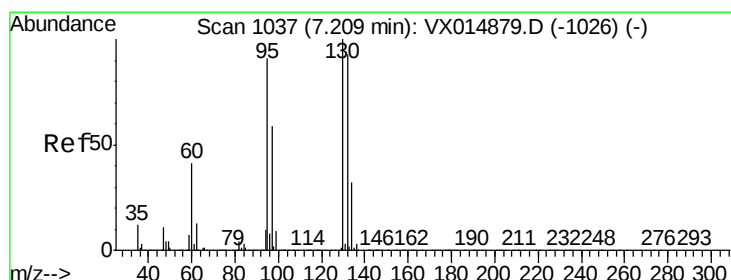
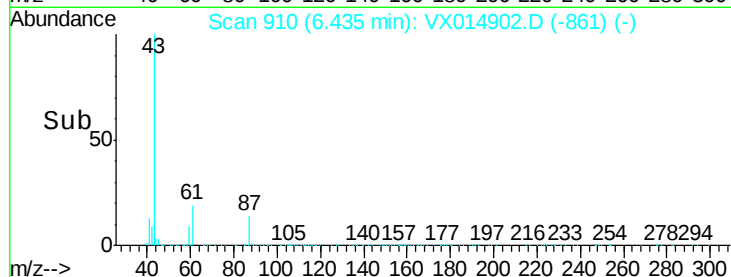
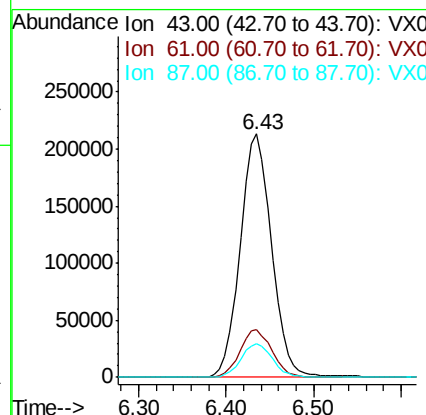
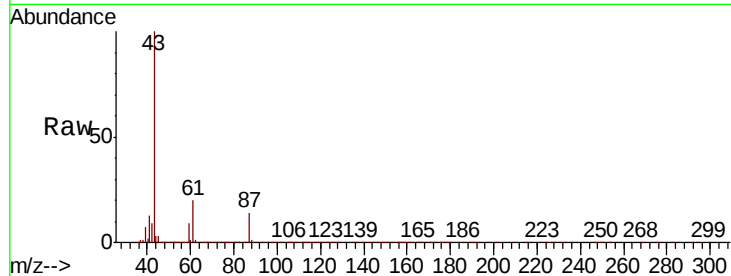
#43
Isopropyl Acetate
Concen: 49.327 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	14.0	11.0	16.6

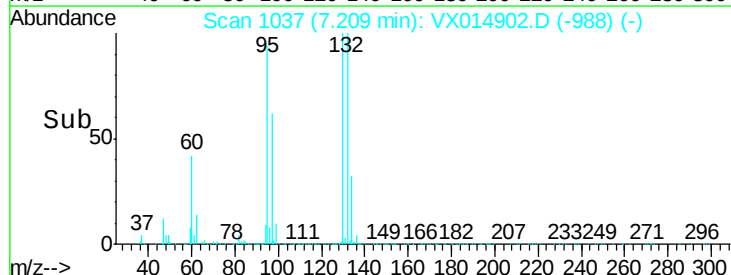
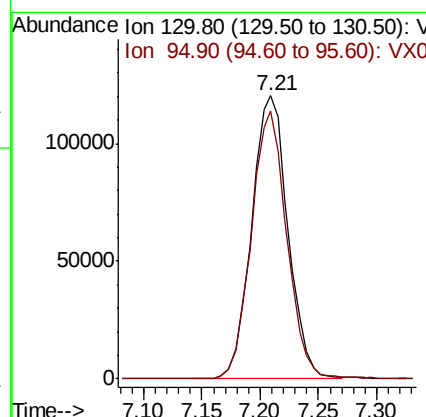
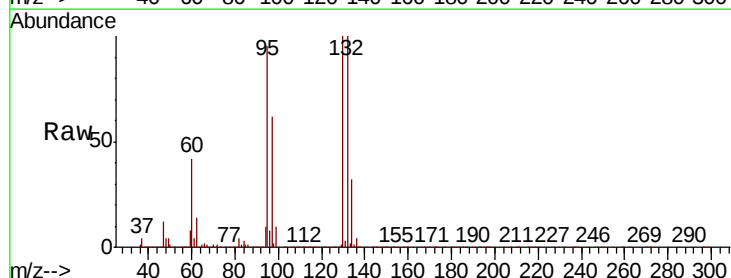
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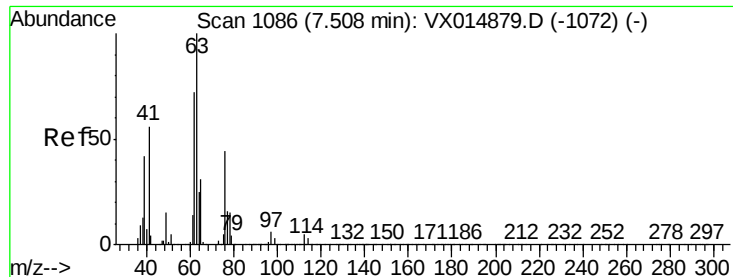
MMDadoda
2/11/2020 10:35:09 AM



#44
Trichloroethene
Concen: 47.919 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	182.6





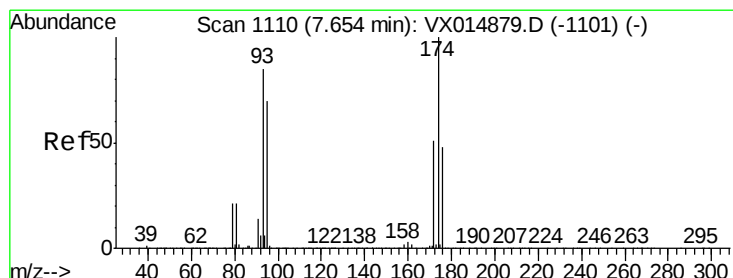
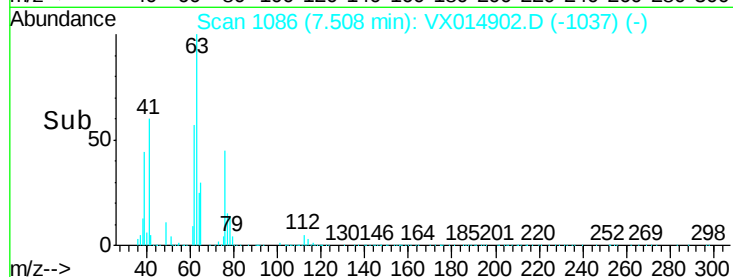
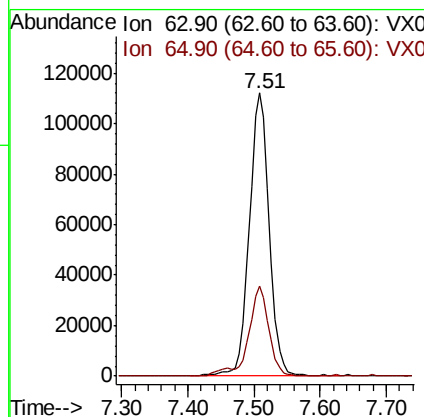
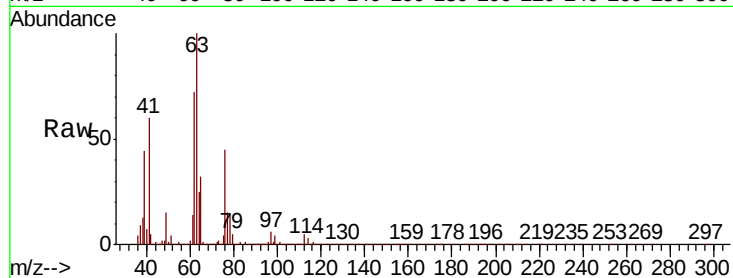
#45
 1,2-Dichloropropane
 Concen: 49.184 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.9	37.3

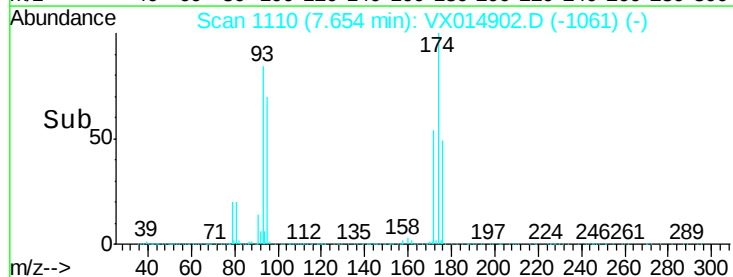
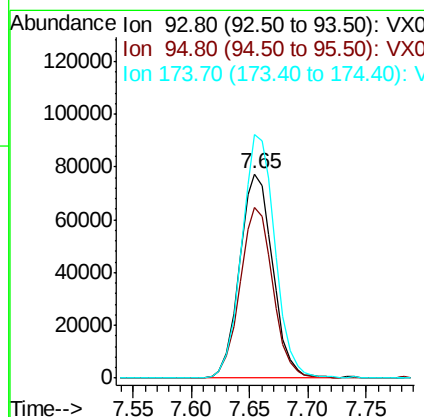
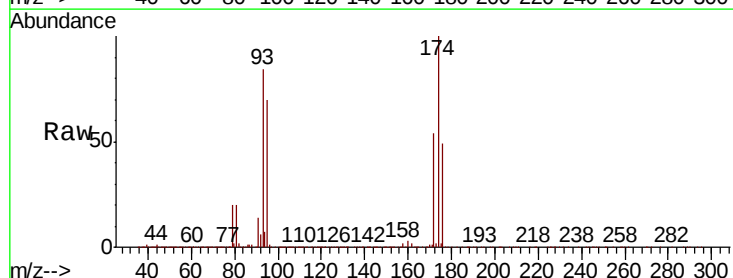
Manual Integrations
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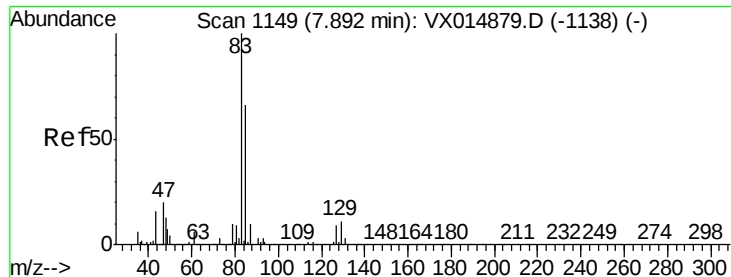
MMDadoda
 2/11/2020 10:35:09 AM



#46
 Dibromomethane
 Concen: 46.997 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.8	98.8
174	120.7	95.4	143.2





#47

Bromodichloromethane

Concen: 47.109 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

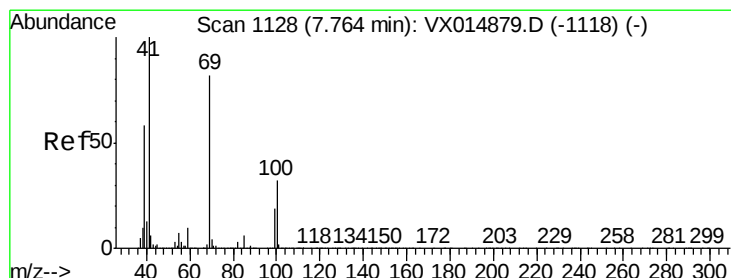
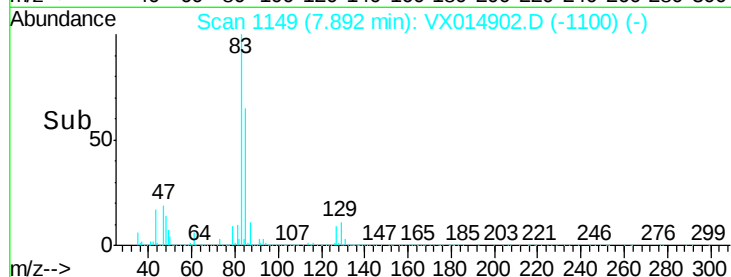
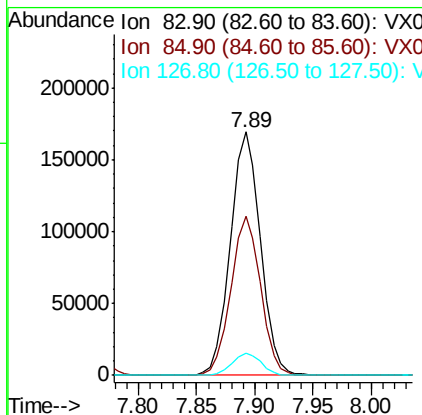
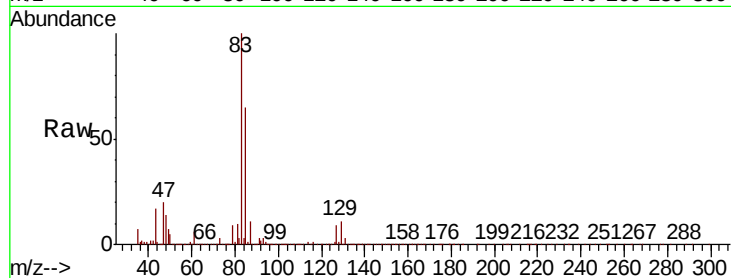
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	303420
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.5	78.7
127	8.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.922 ug/l

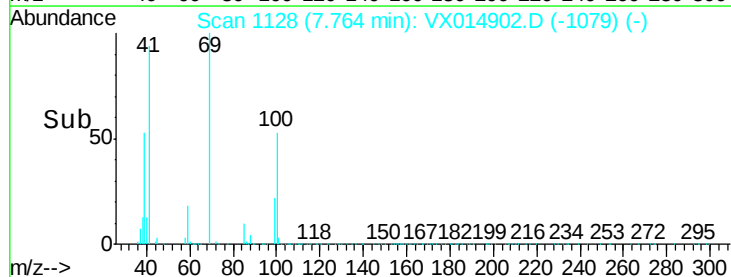
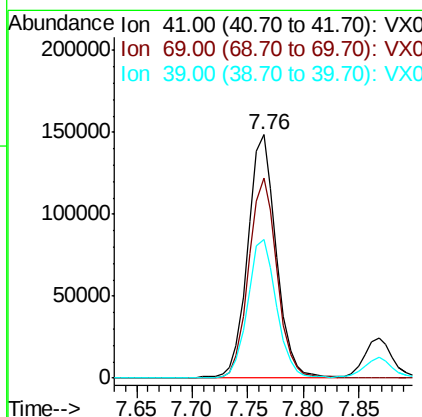
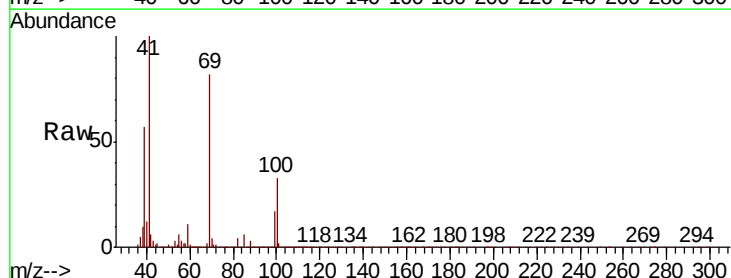
RT: 7.76 min Scan# 1128

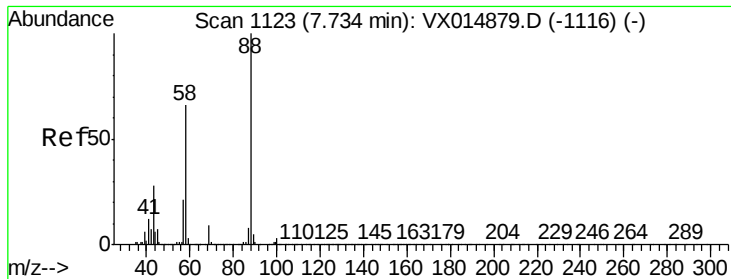
Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	41	Resp:	263620
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.7	98.5
39	57.5	45.8	68.8





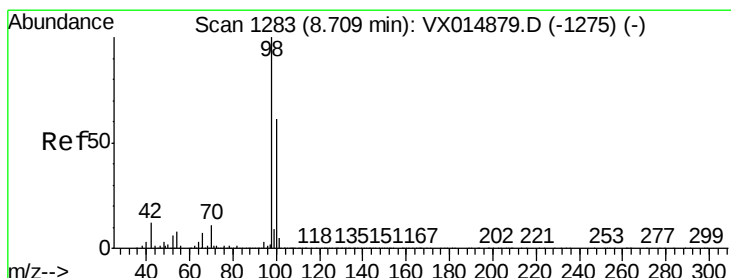
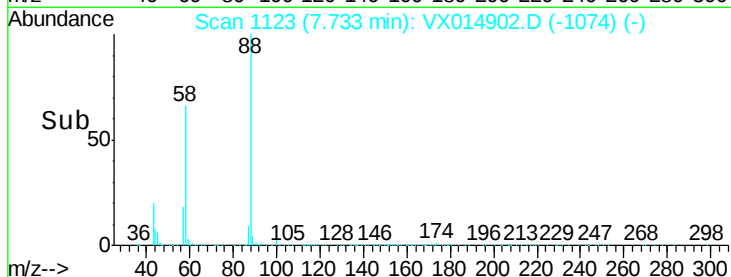
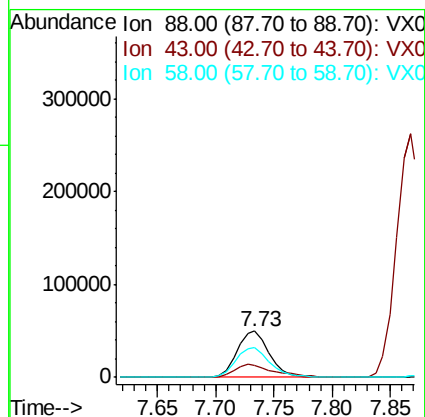
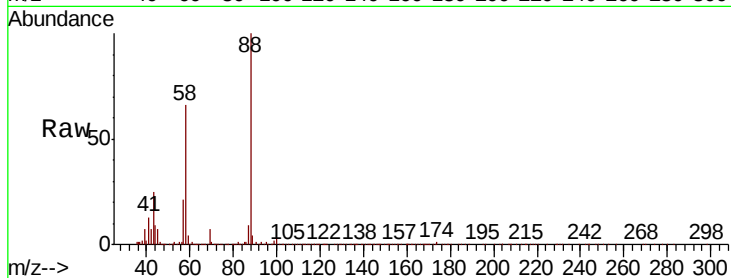
#49
1,4-Dioxane
Concen: 961.981 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.0	40.4
58	67.8	53.2	79.8

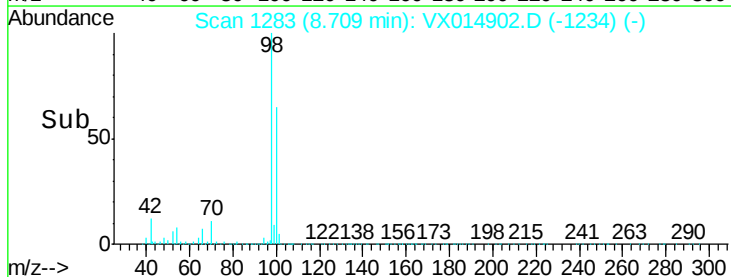
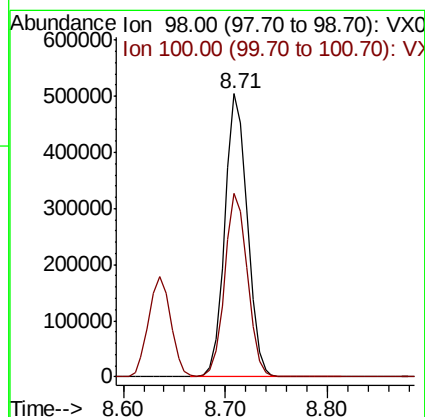
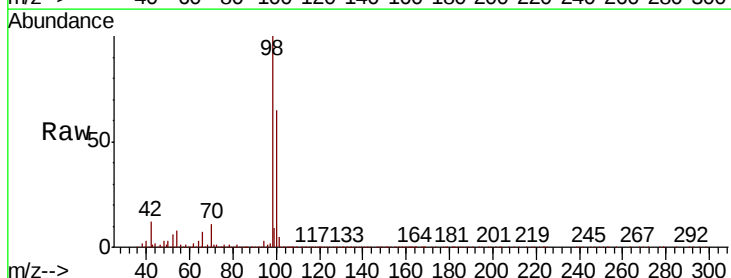
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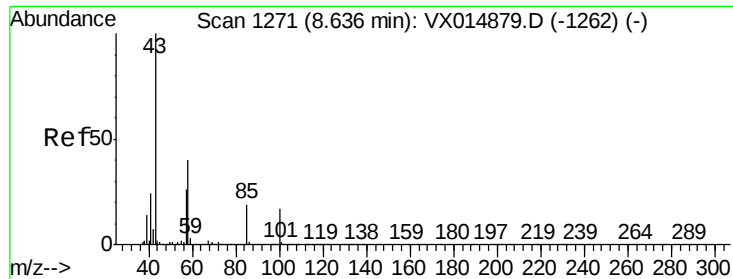
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#50
Toluene-d8
Concen: 47.155 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





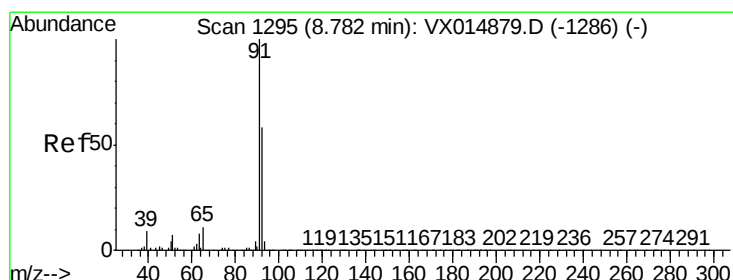
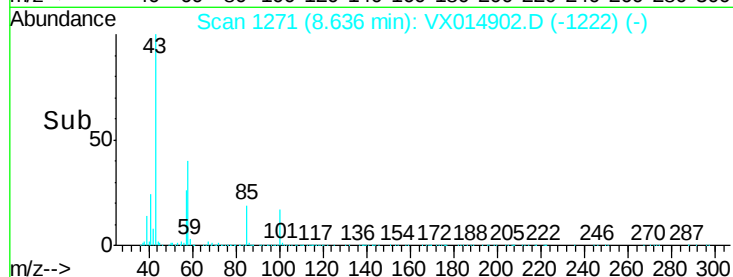
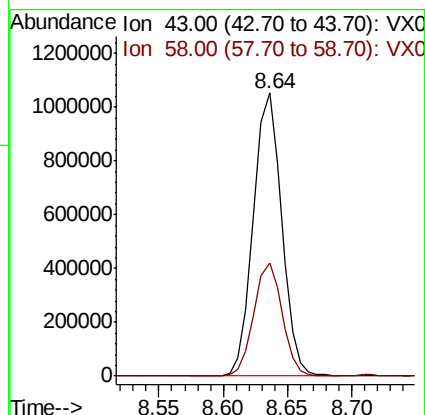
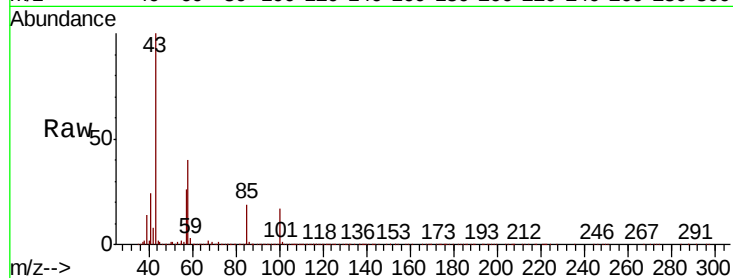
#51
4-Methyl-2-Pentanone
Concen: 246.419 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1596571
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9

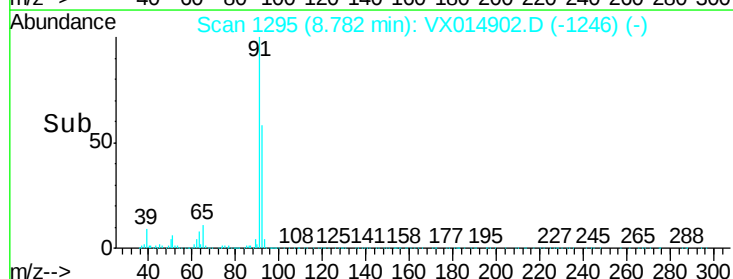
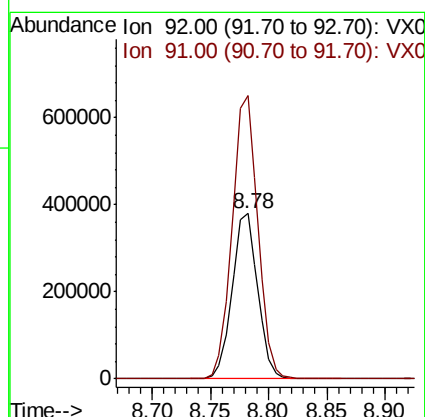
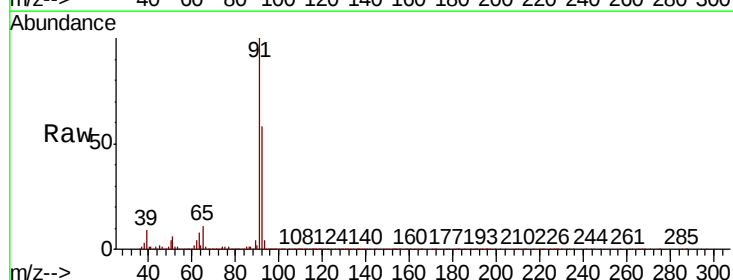
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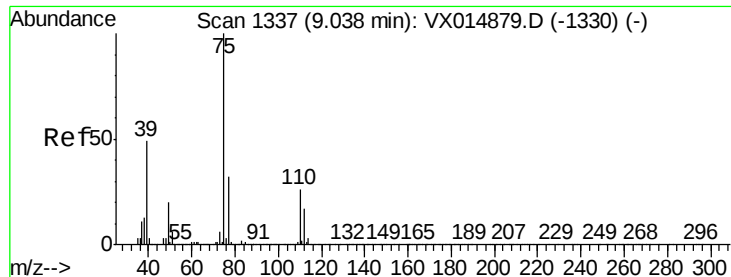
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#52
Toluene
Concen: 48.849 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion: 92 Resp: 578121
Ion Ratio Lower Upper
92 100
91 172.8 137.0 205.4





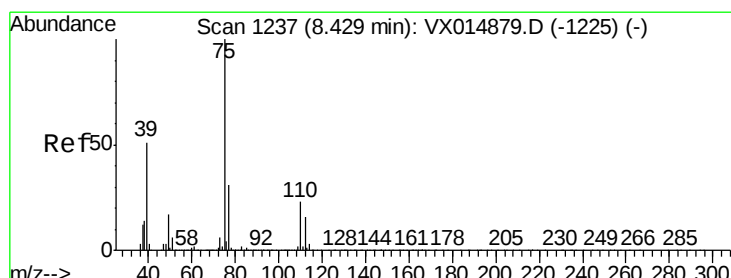
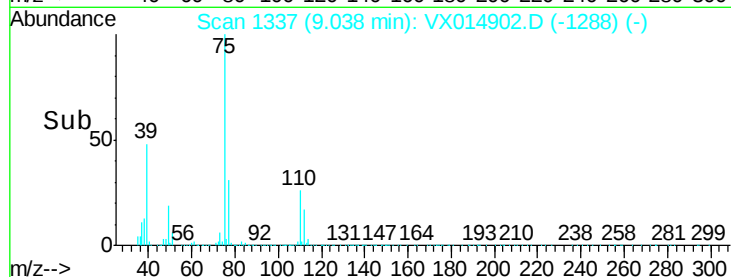
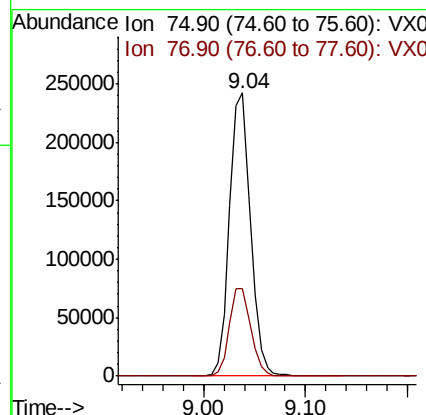
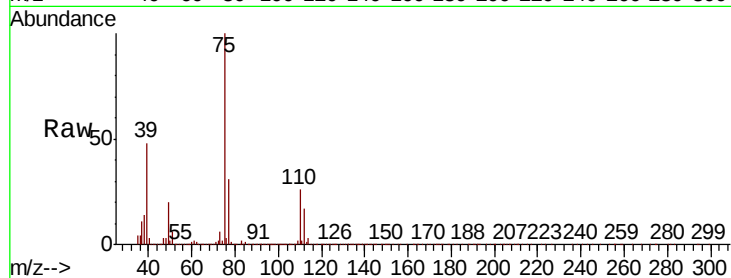
#53
t-1,3-Dichloropropene
Concen: 49.136 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.5	38.3

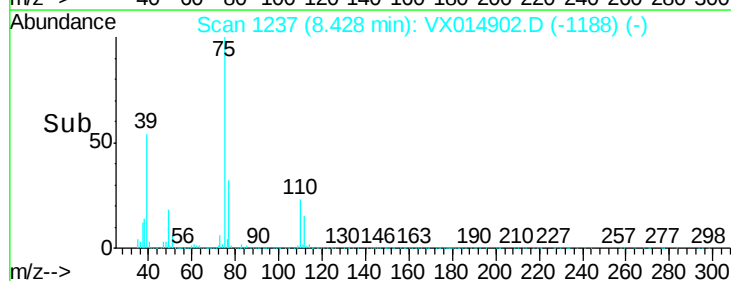
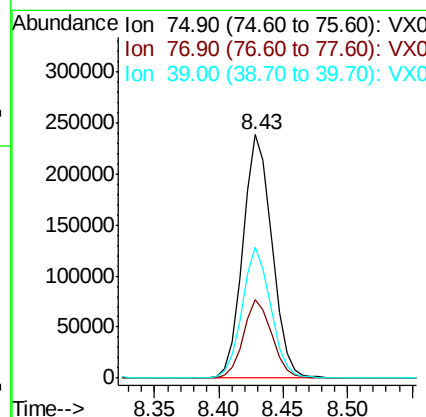
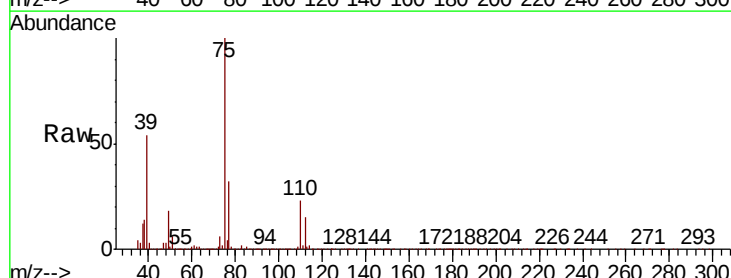
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#54
cis-1,3-Dichloropropene
Concen: 47.543 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	37.0
39	53.5	40.9	61.3





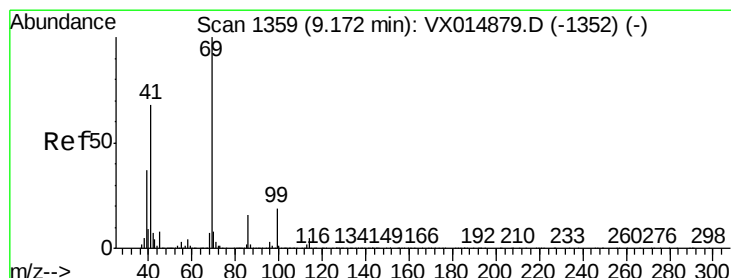
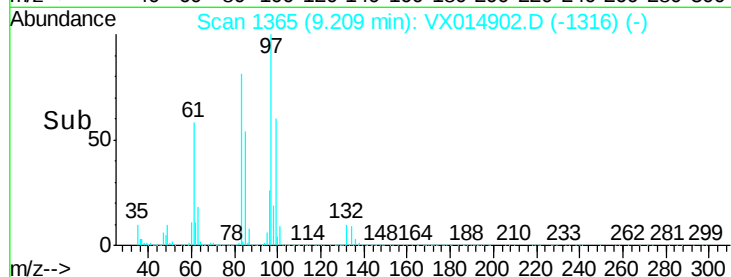
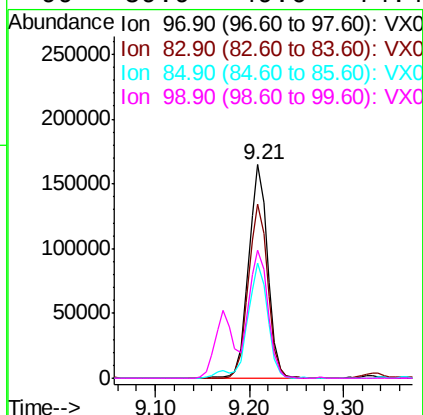
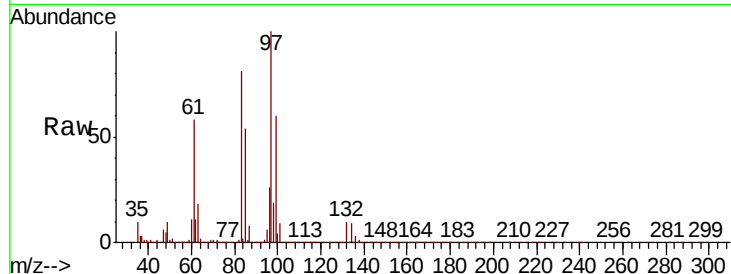
#55
1,1,2-Trichloroethane
Concen: 48.791 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		233622		
83	81.2	66.6	99.8		
85	53.8	43.5	65.3		
99	59.9	49.6	74.4		

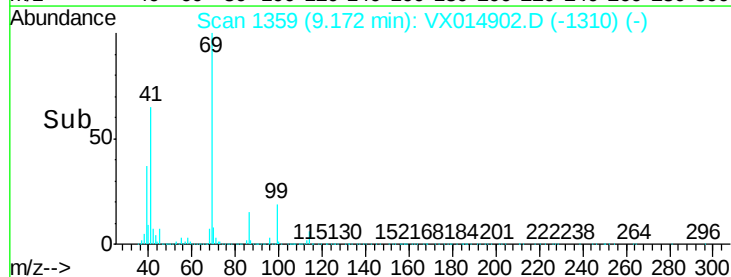
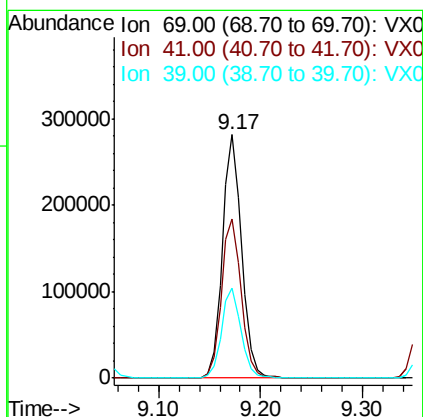
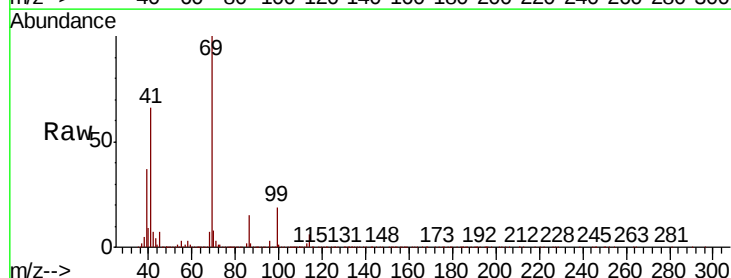
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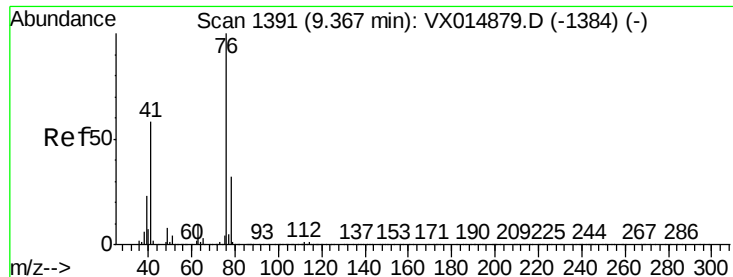
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#56
Ethyl methacrylate
Concen: 51.177 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		368325		
41	67.9	54.8	82.2		
39	37.4	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 48.609 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 391790

Ion Ratio Lower Upper

76 100

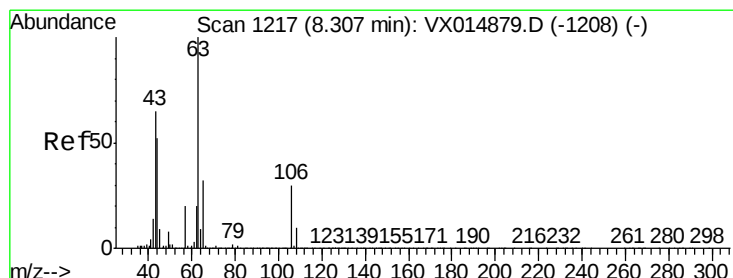
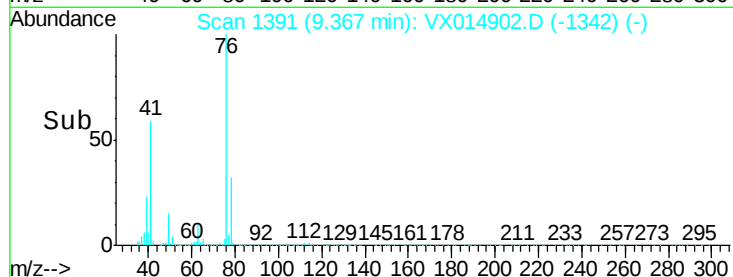
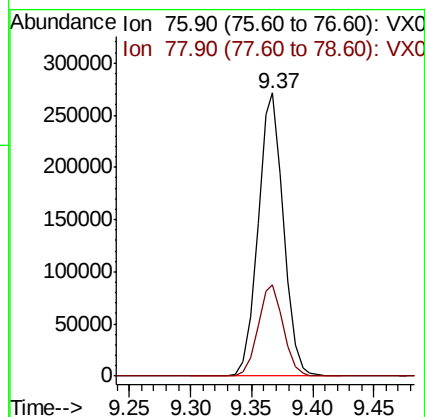
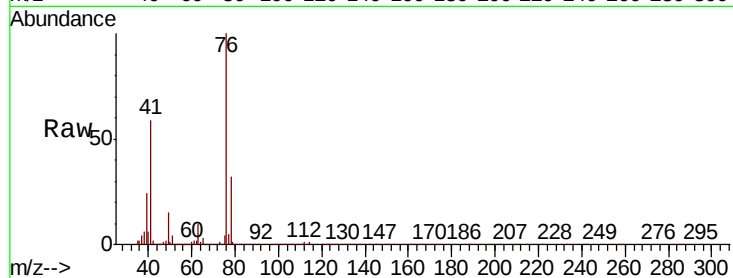
78 32.1 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 242.109 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014902.D

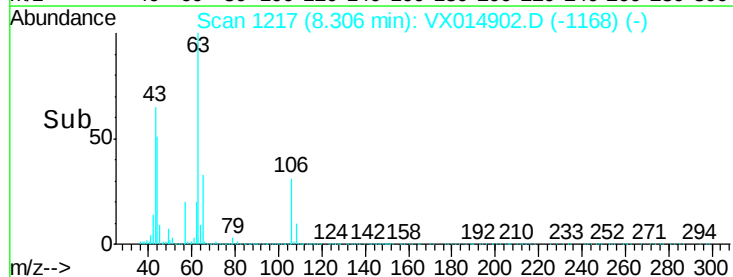
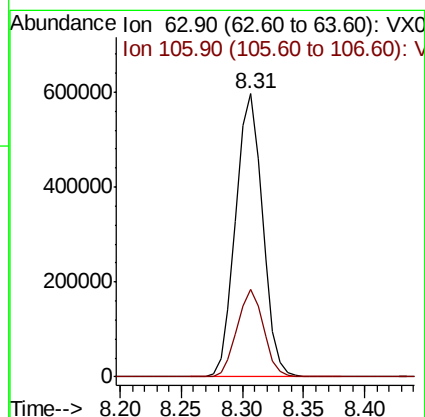
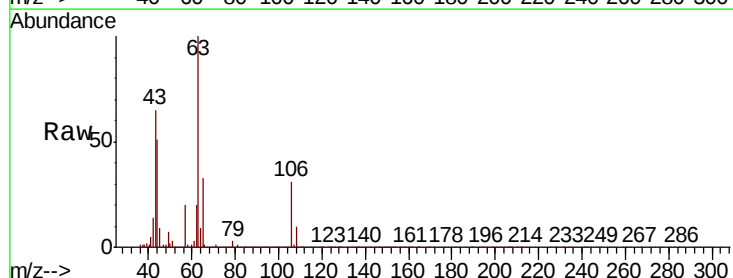
Acq: 10 Feb 2020 20:39

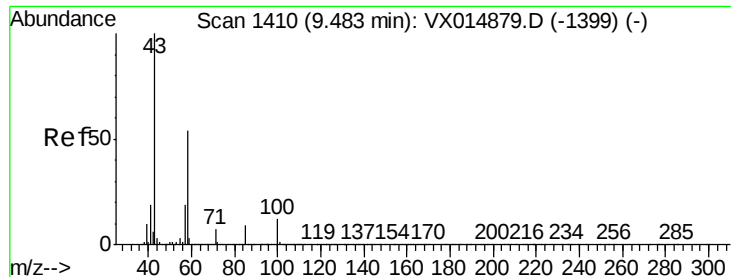
Tgt Ion: 63 Resp: 911282

Ion Ratio Lower Upper

63 100

106 30.2 23.8 35.8





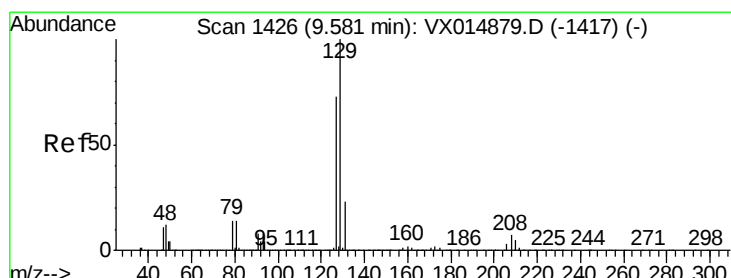
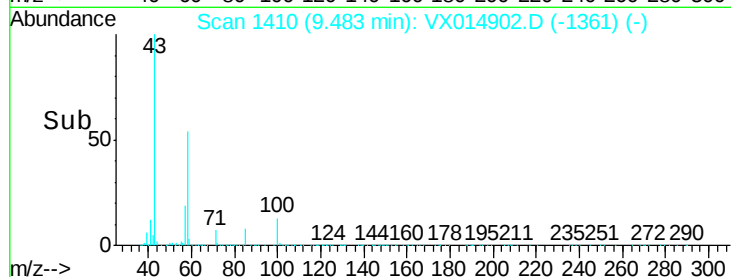
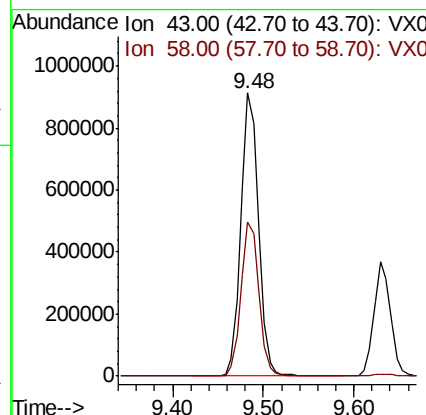
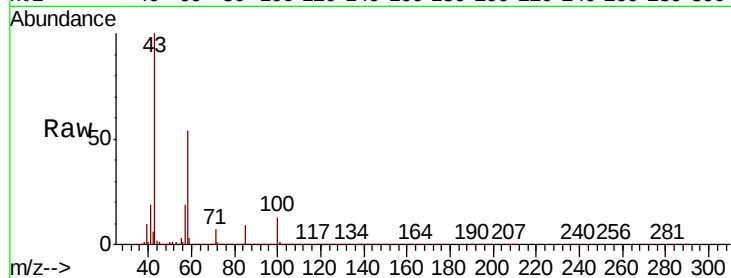
#59
2-Hexanone
Concen: 242.493 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1234933
Ion Ratio Lower Upper
43 100
58 55.3 27.5 82.5

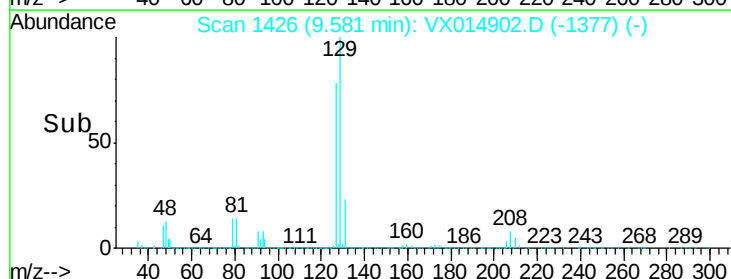
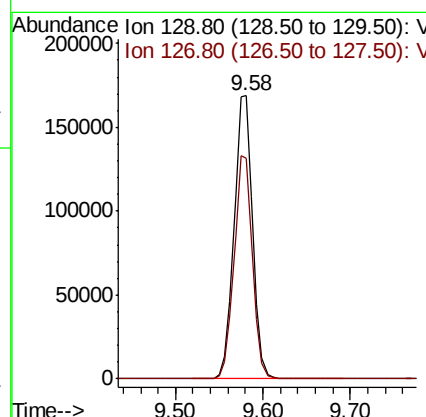
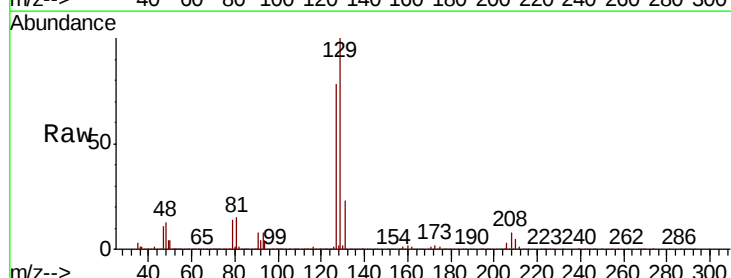
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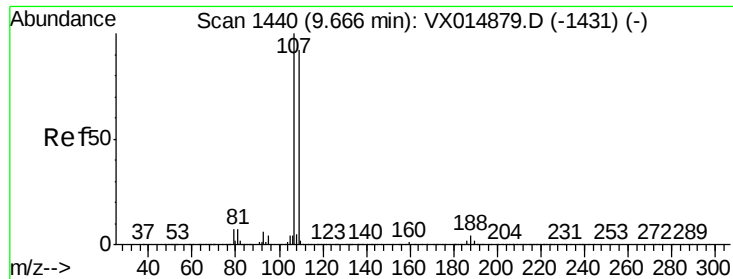
MMDadoda
2/11/2020 10:35:09 AM



#60
Dibromochloromethane
Concen: 48.392 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion: 129 Resp: 249358
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.3





#61

1,2-Dibromoethane

Concen: 47.681 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 246335

Ion Ratio Lower Upper

107 100

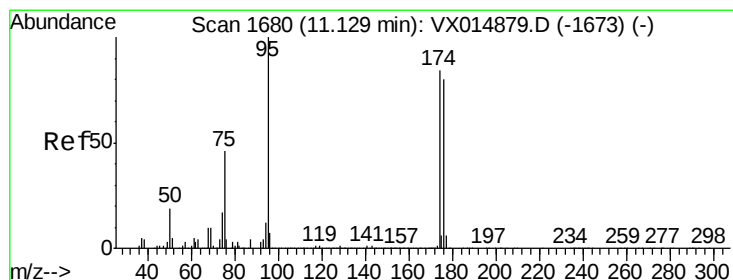
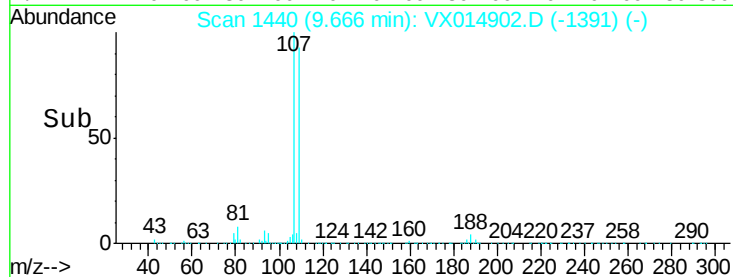
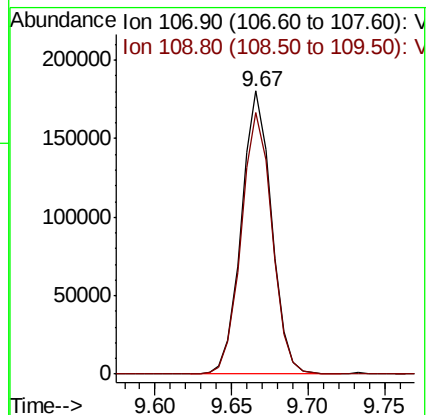
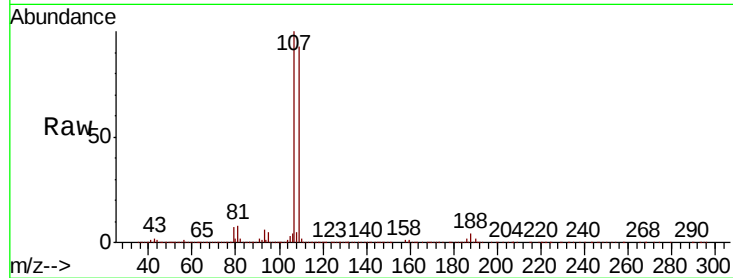
109 94.1 75.6 113.4

Manual Integrations

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MMDadoda

2/11/2020 10:35:09 AM



#62

4-Bromofluorobenzene

Concen: 48.799 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

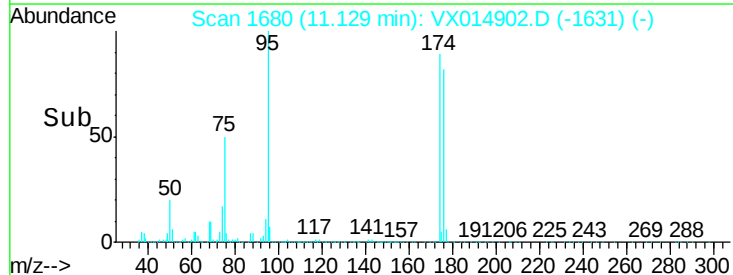
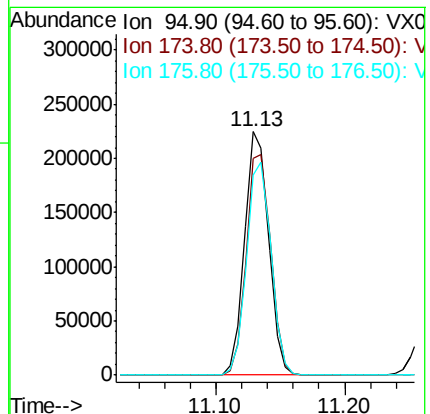
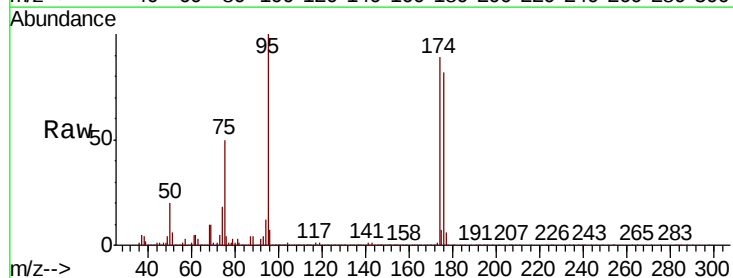
Tgt Ion: 95 Resp: 287599

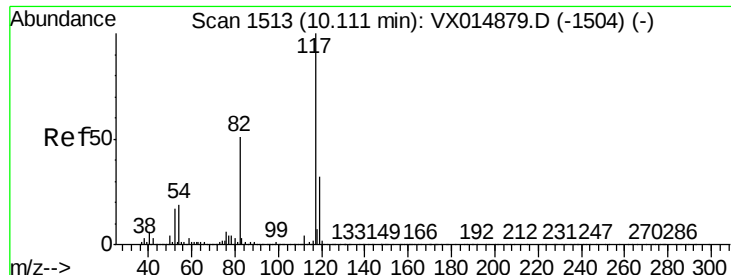
Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

176 89.0 0.0 178.0





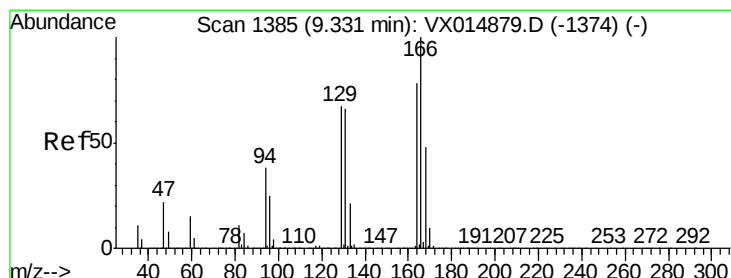
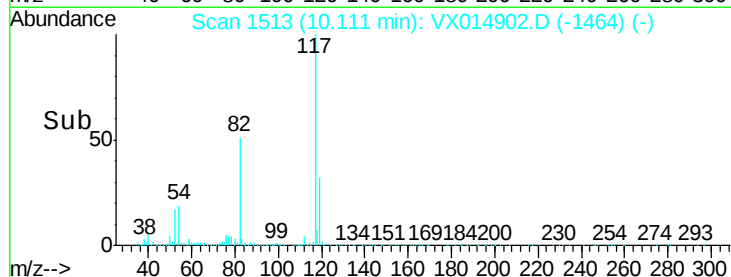
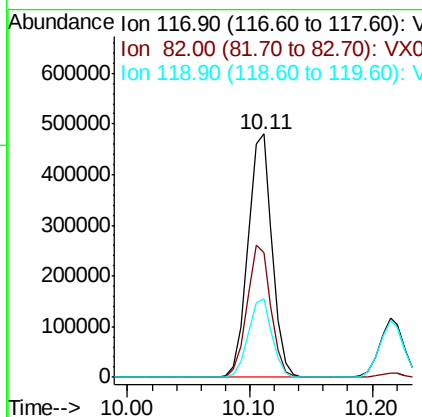
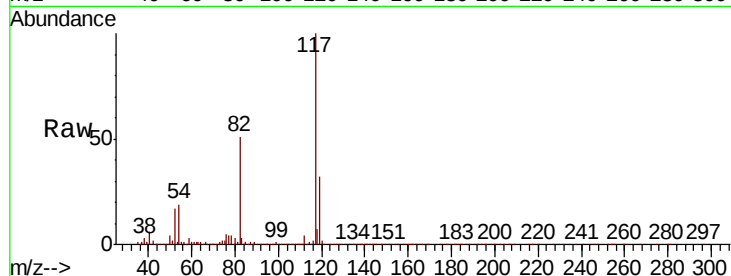
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.5	60.7
119	32.3	25.8	38.6

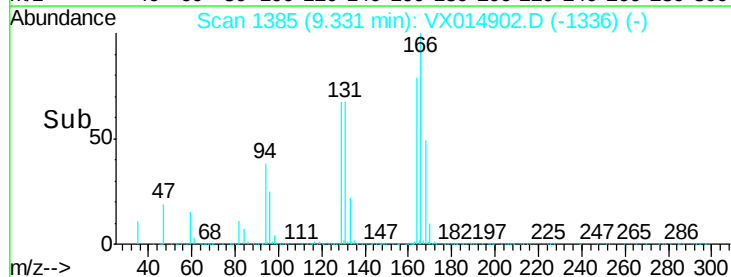
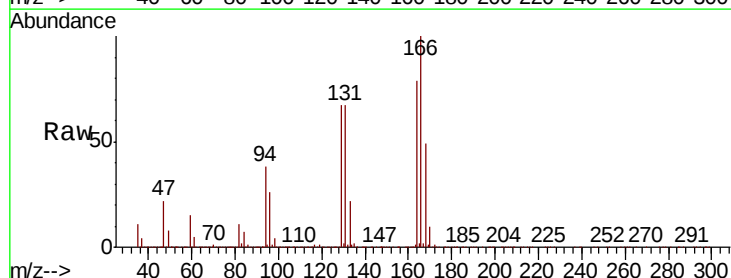
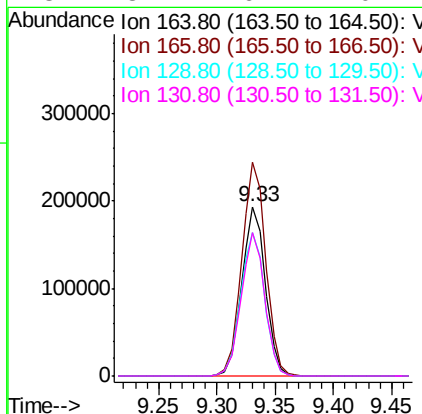
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APPROVED

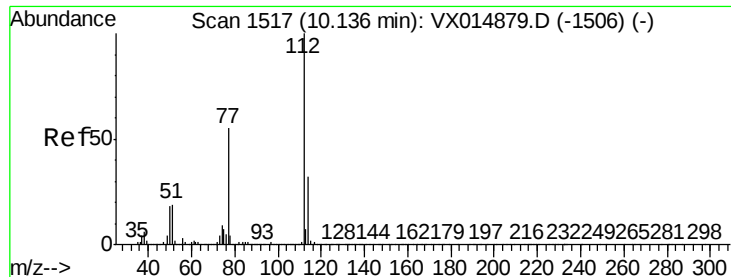
MMDadoda
2/11/2020 10:35:09 AM



#64
Tetrachloroethene
Concen: 44.589 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.6	153.8
129	84.9	68.3	102.5
131	84.4	67.4	101.2





#65

Chlorobenzene

Concen: 48.034 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 640503

Ion Ratio Lower Upper

112 100

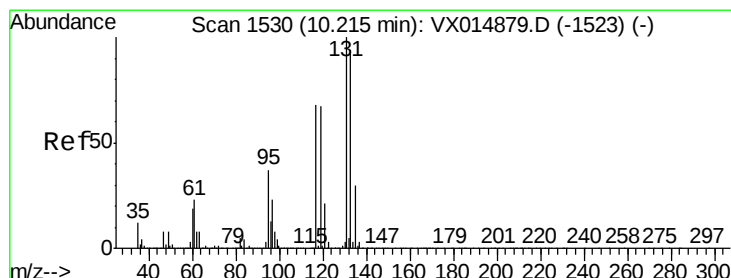
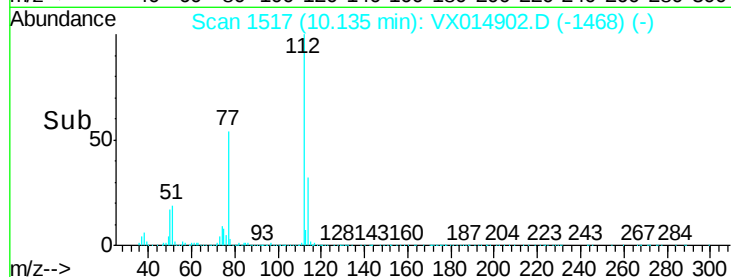
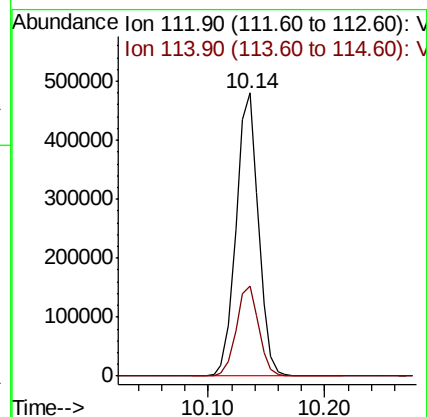
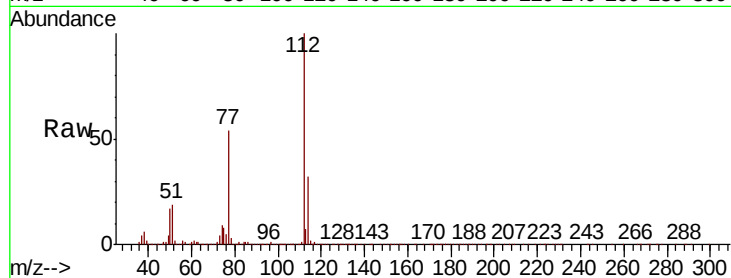
114 31.9 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

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#66

1,1,1,2-Tetrachloroethane

Concen: 48.303 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

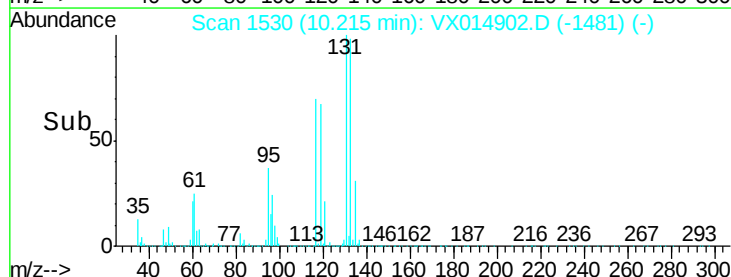
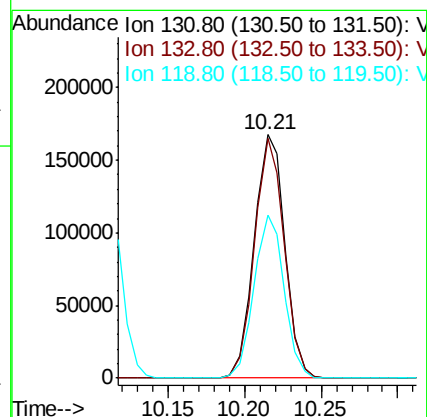
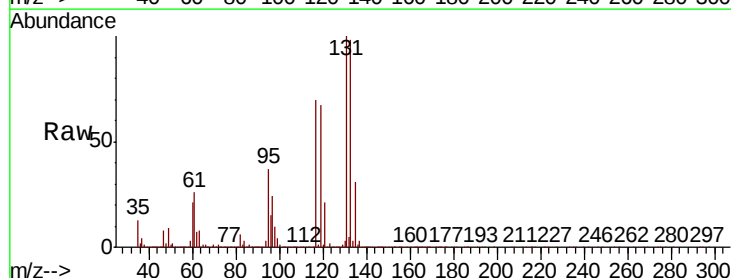
Tgt Ion:131 Resp: 233832

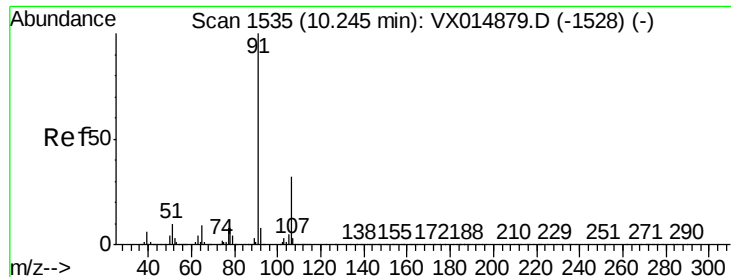
Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.4

119 65.6 33.0 99.0





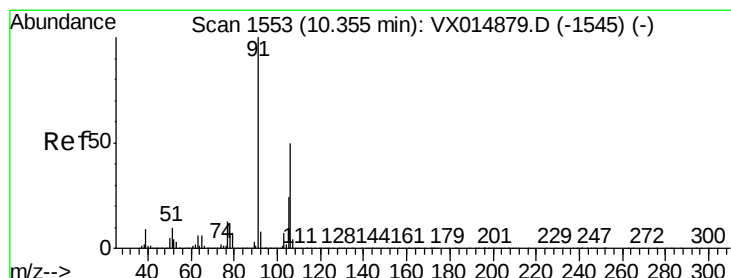
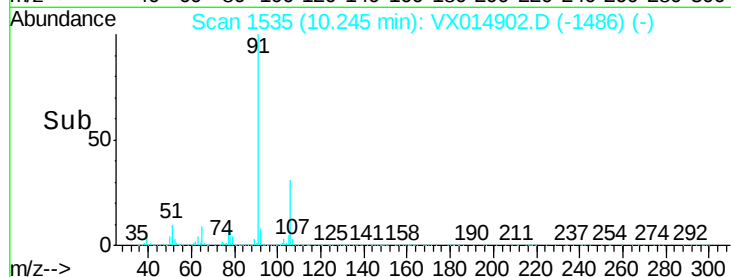
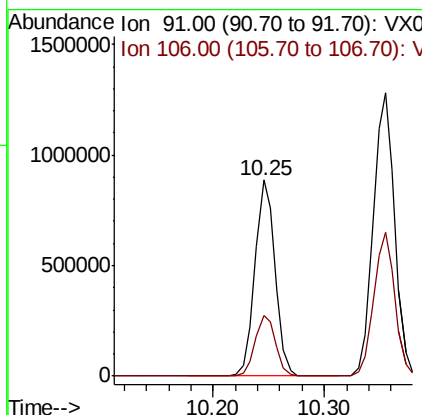
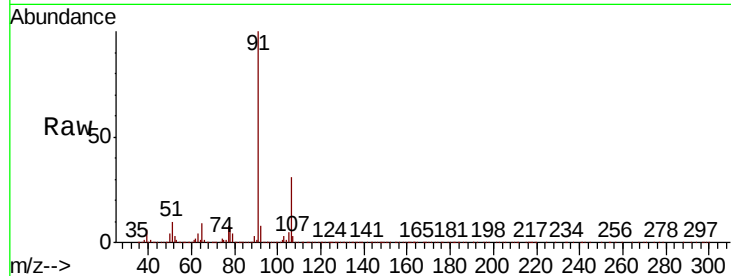
#67
Ethyl Benzene
Concen: 49.339 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1118889
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

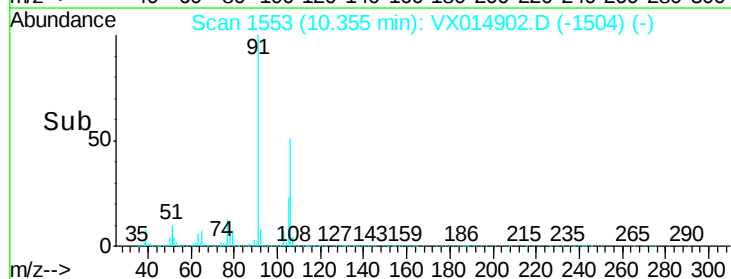
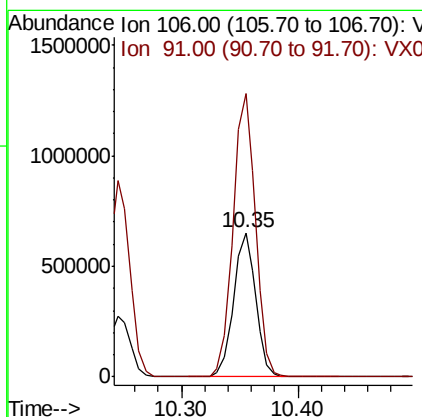
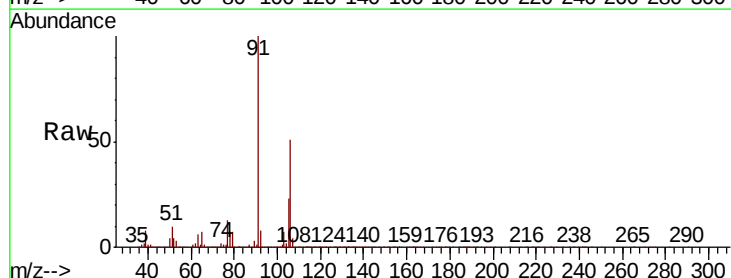
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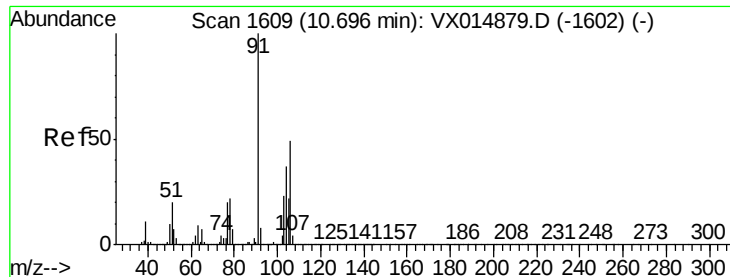
MMDadoda
2/11/2020 10:35:09 AM



#68
m/p-Xylenes
Concen: 98.499 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion: 106 Resp: 860503
Ion Ratio Lower Upper
106 100
91 199.2 160.6 240.8





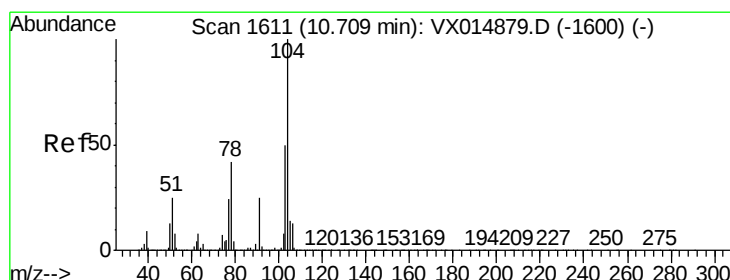
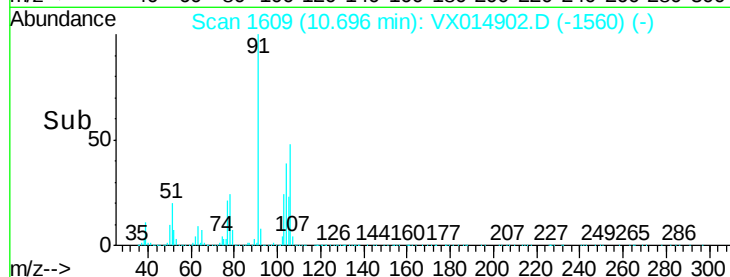
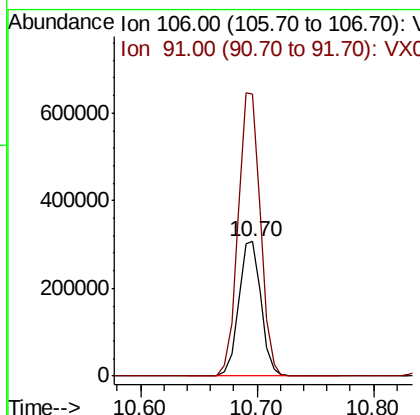
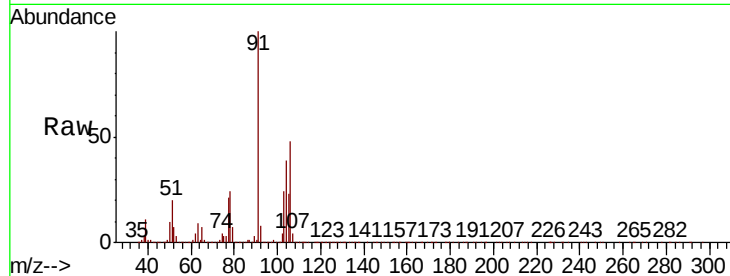
#69
o-Xylene
Concen: 48.561 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	105.1	315.3

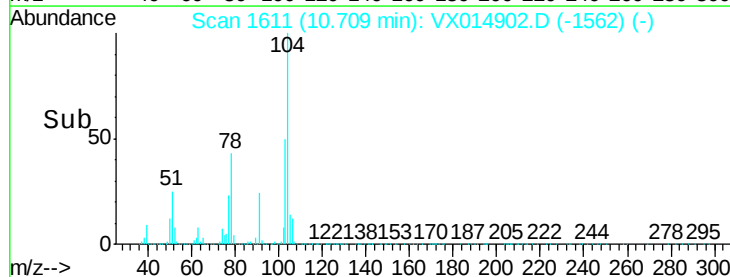
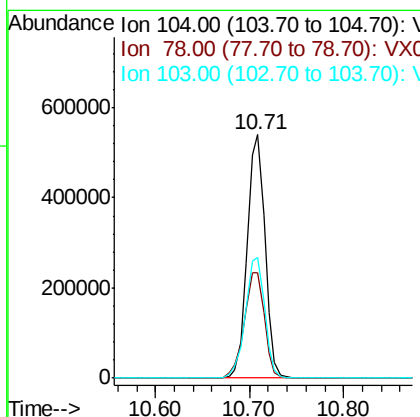
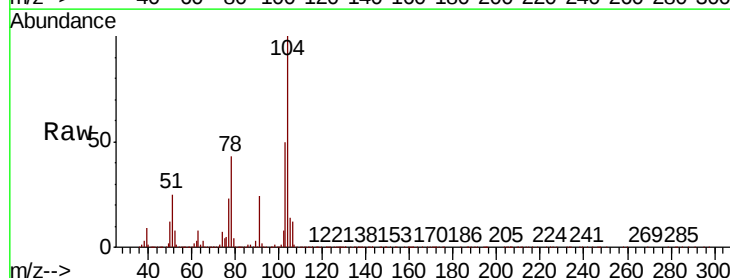
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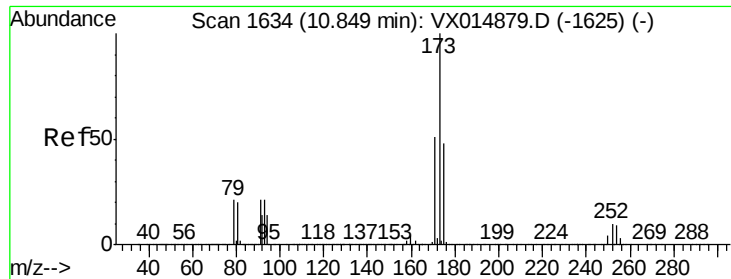
MMDadoda
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#70
Styrene
Concen: 50.333 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.0	58.4
103	54.2	43.4	65.0





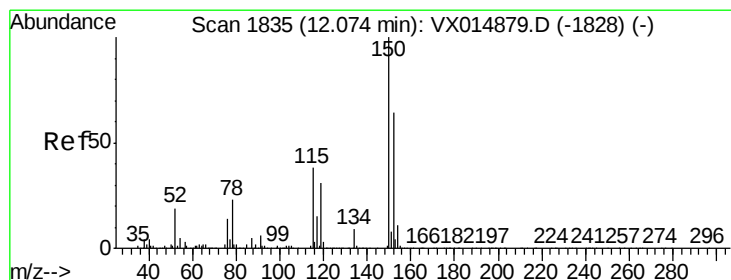
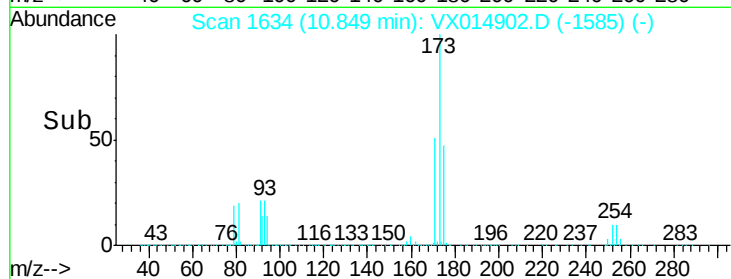
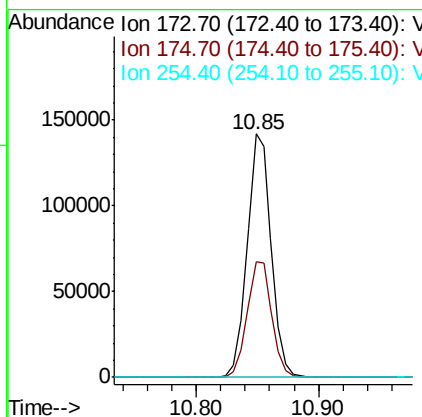
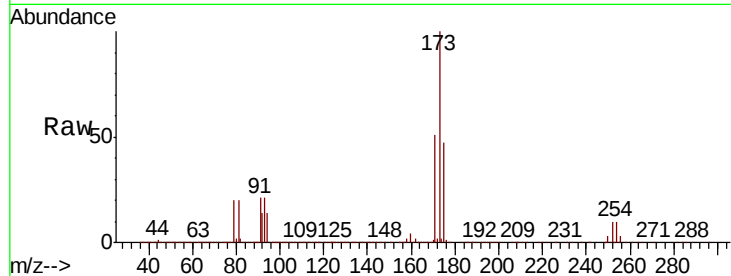
#71
Bromoform
Concen: 47.650 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.2	0.2	0.2

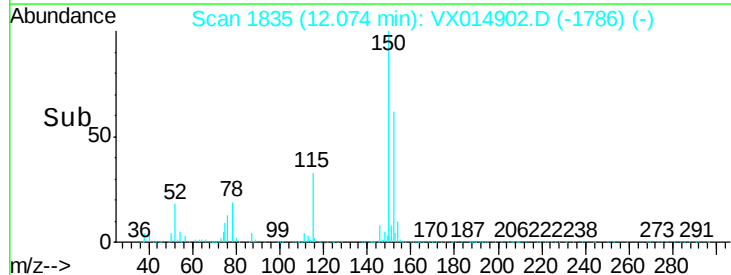
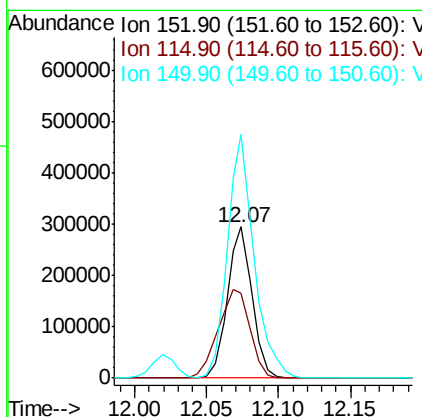
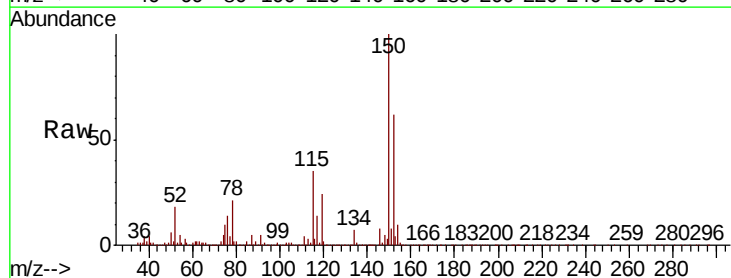
Manual Integrations
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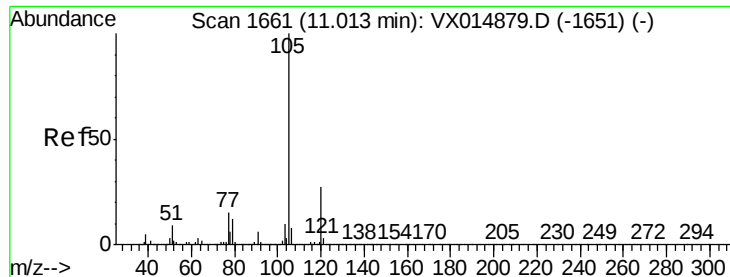
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.0	38.6	116.0
150	173.5	0.0	349.0





#73

Isopropylbenzene

Concen: 49.117 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1097114

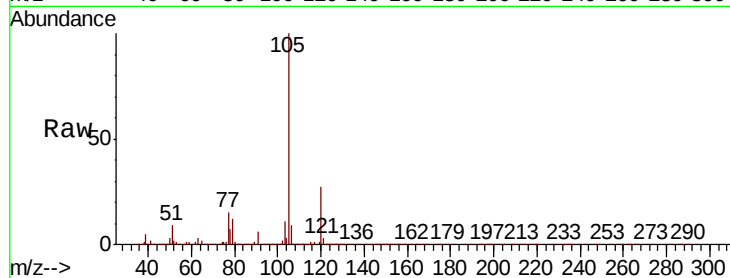
Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.8

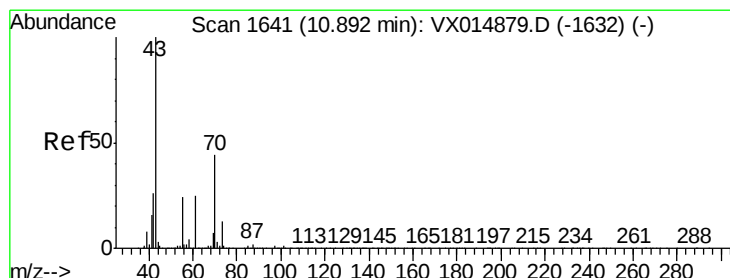
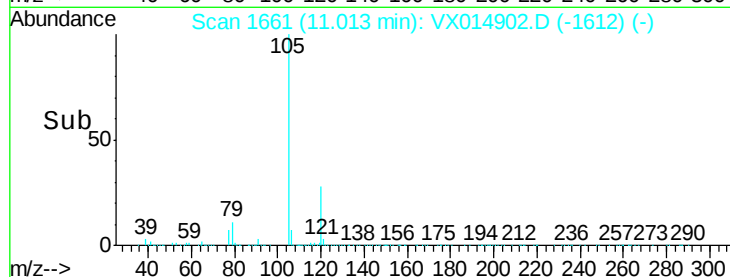
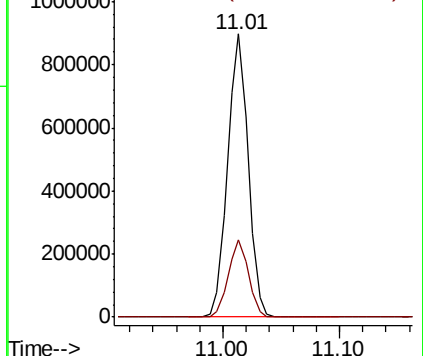
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.862 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion: 43 Resp: 472043

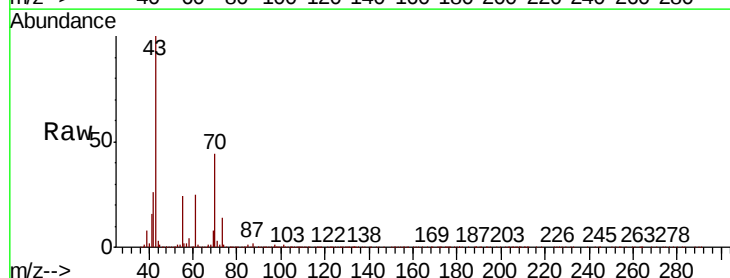
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 23.9 19.4 29.2

61 24.6 19.8 29.6

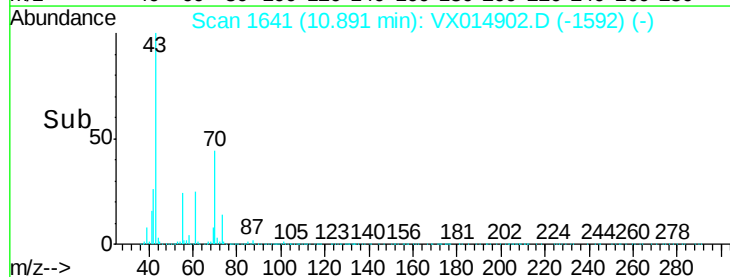
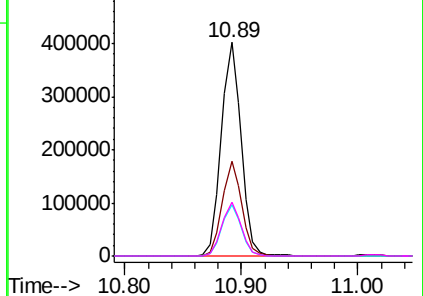


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.125 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

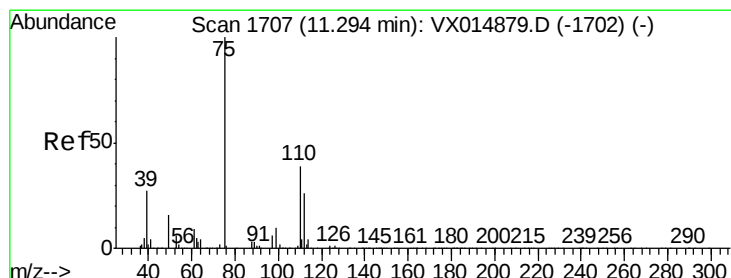
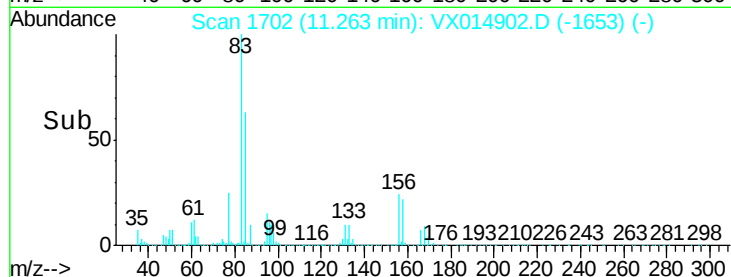
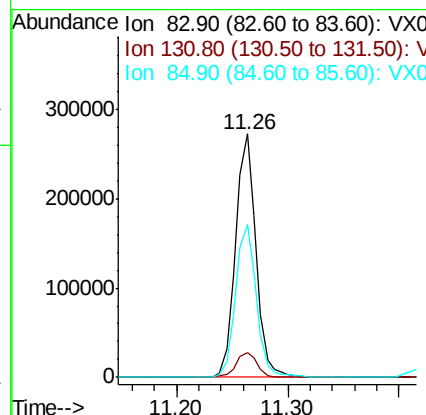
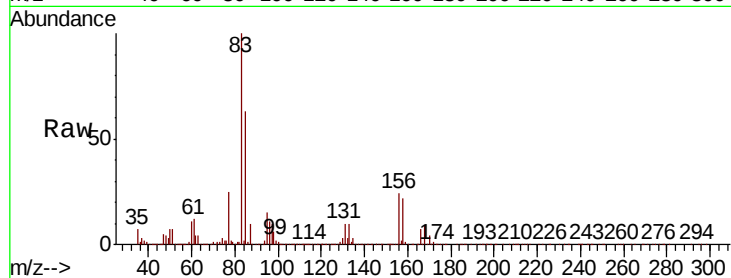
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	344092
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.0	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 44.844 ug/l m

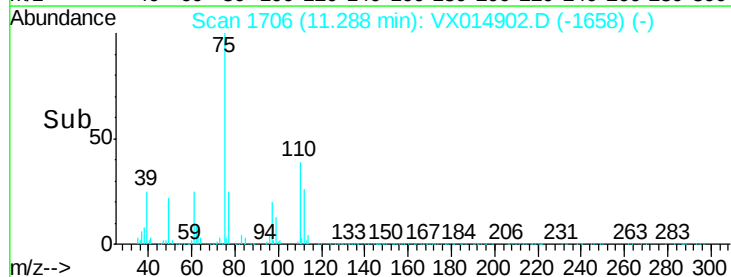
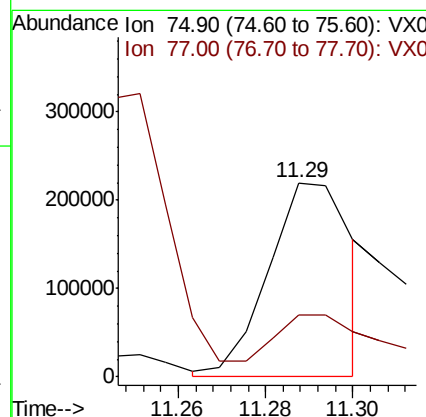
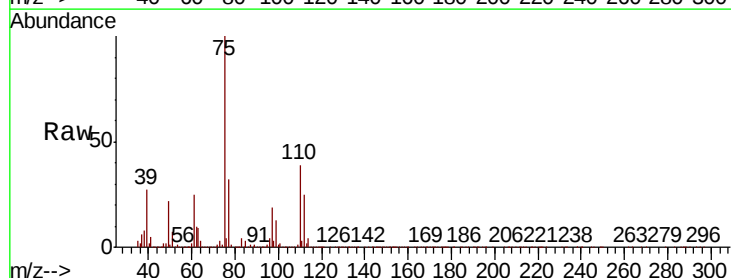
RT: 11.29 min Scan# 1706

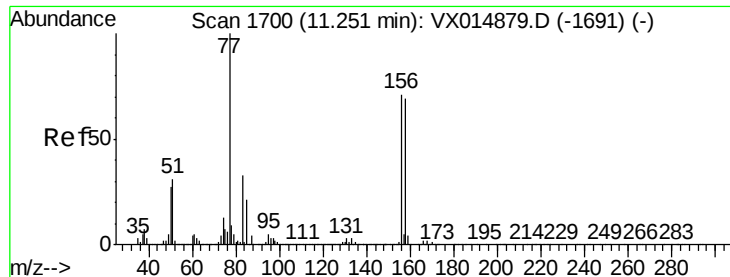
Delta R.T. -0.01 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	75	Resp:	288835
Ion Ratio	Lower	Upper	
75	100		
77	41.9	18.4	55.0





#77

Bromobenzene

Concen: 47.636 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

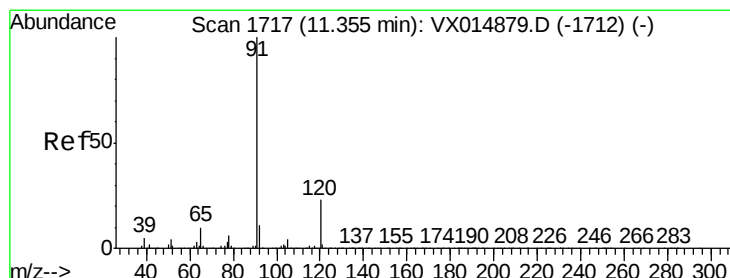
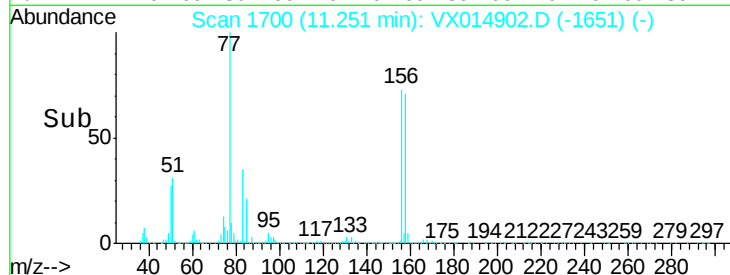
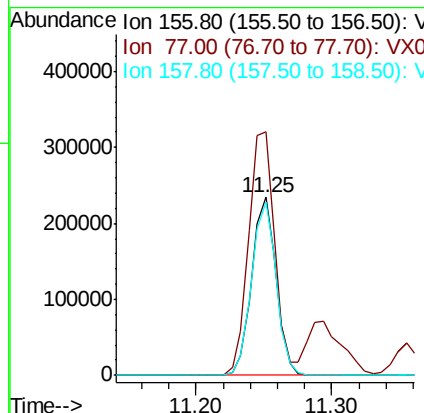
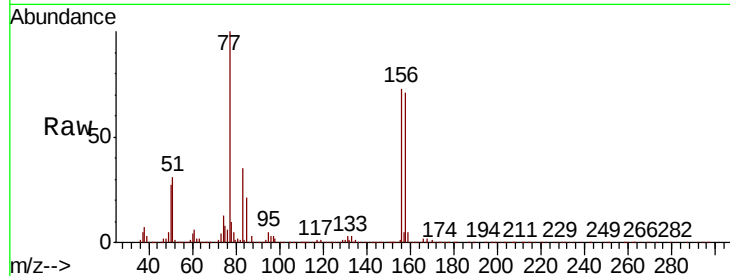
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	296981
Ion Ratio	Lower	Upper	
156	100		
77	144.7	74.0	222.0
158	97.9	48.9	146.6

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#78

n-propylbenzene

Concen: 49.228 ug/l

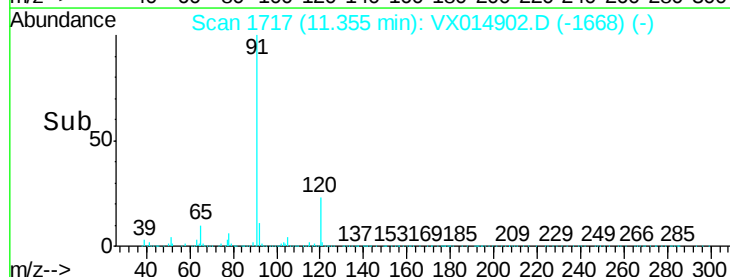
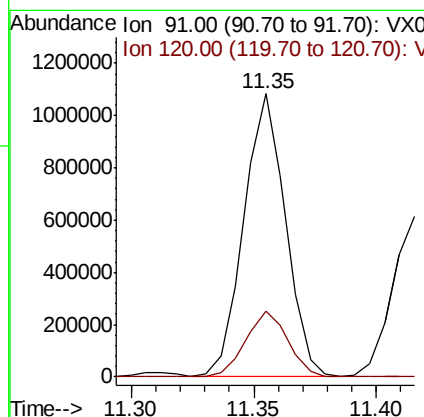
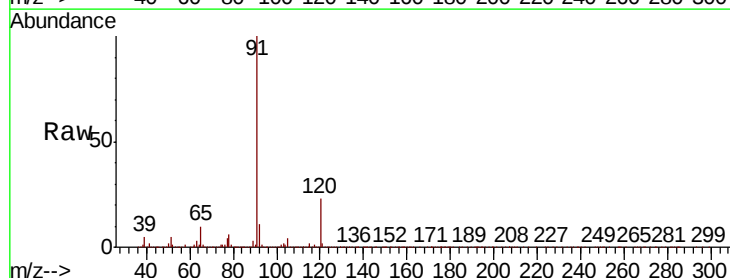
RT: 11.35 min Scan# 1717

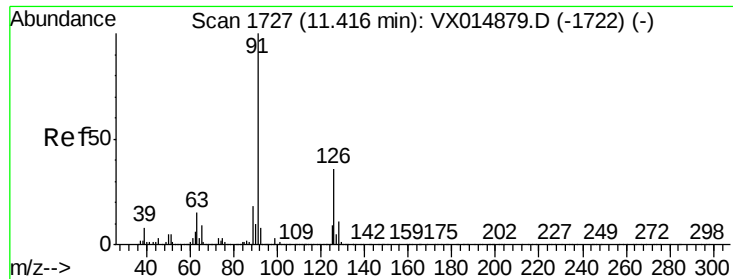
Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	91	Resp:	1271784
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





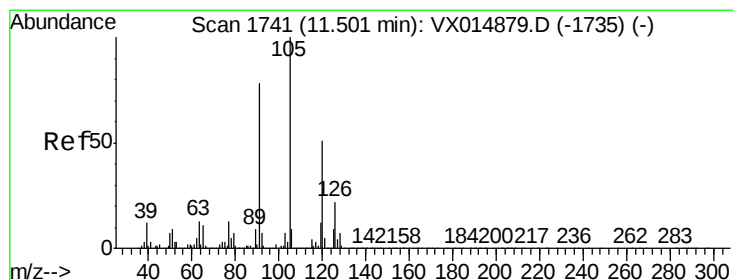
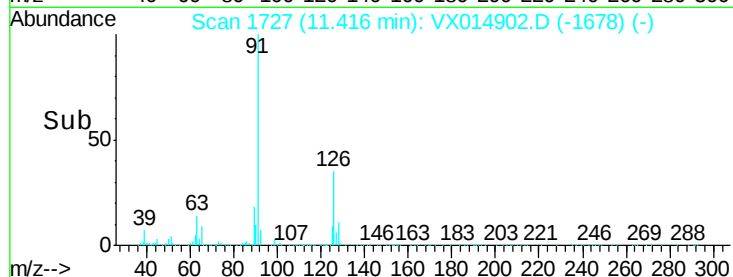
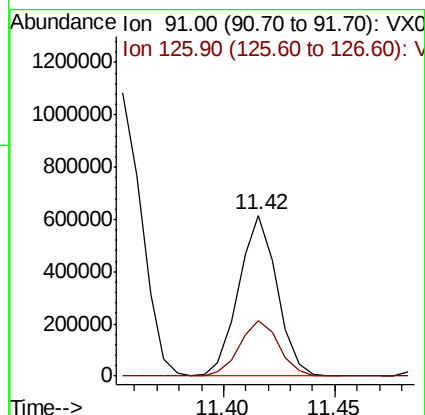
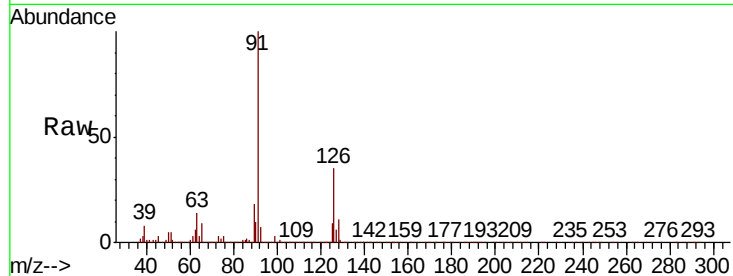
#79
2-Chlorotoluene
Concen: 48.542 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 737244
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0

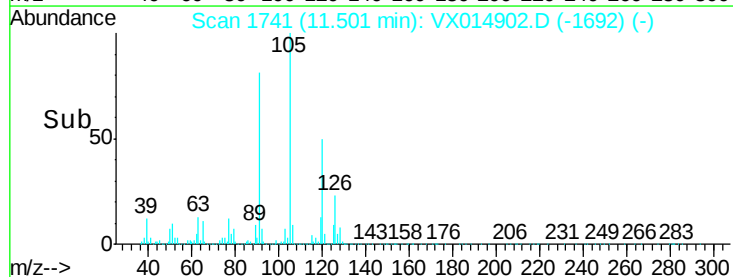
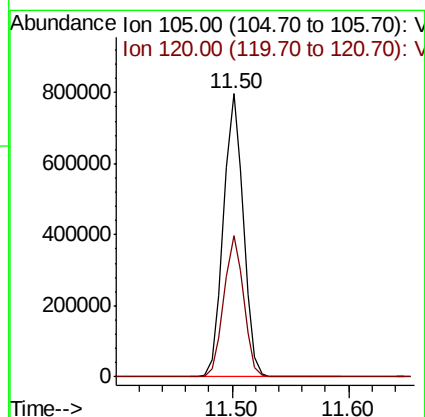
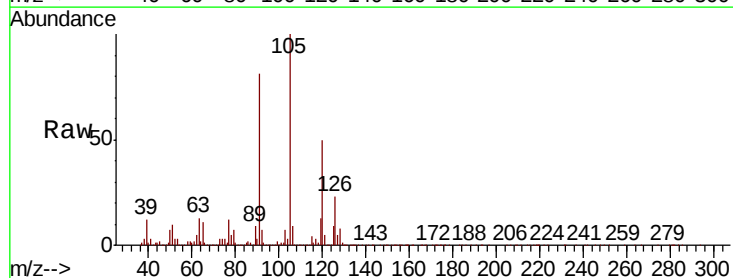
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#80
1,3,5-Trimethylbenzene
Concen: 49.948 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion: 105 Resp: 932210
Ion Ratio Lower Upper
105 100
120 50.0 25.6 76.6





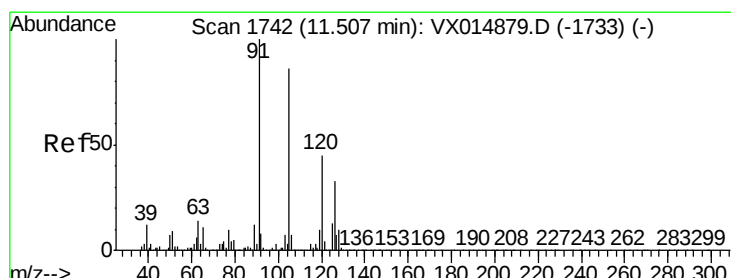
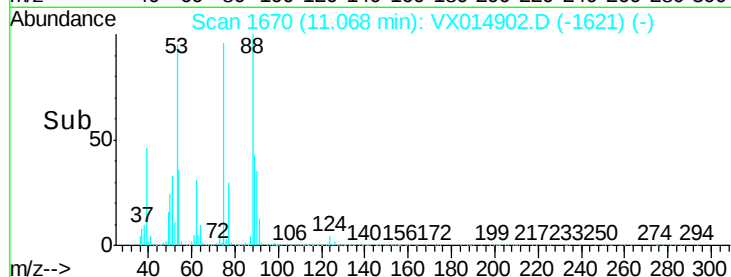
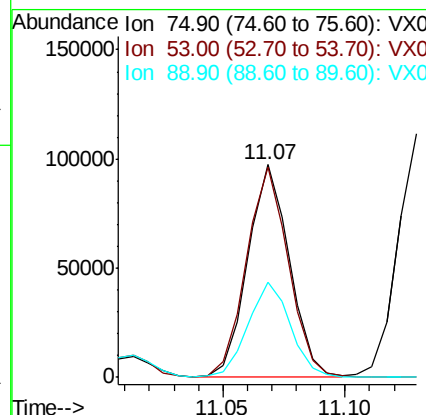
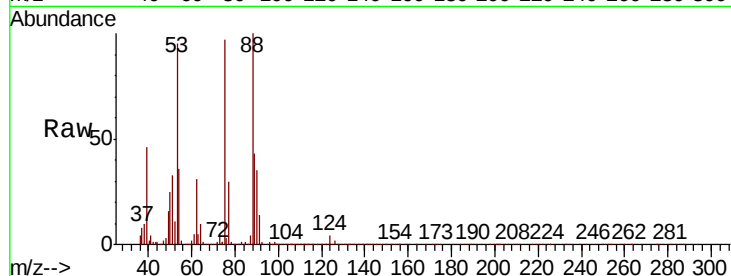
#81
trans-1,4-Dichloro-2-butene
Concen: 45.453 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	76.2	114.2
89	46.0	35.8	53.6

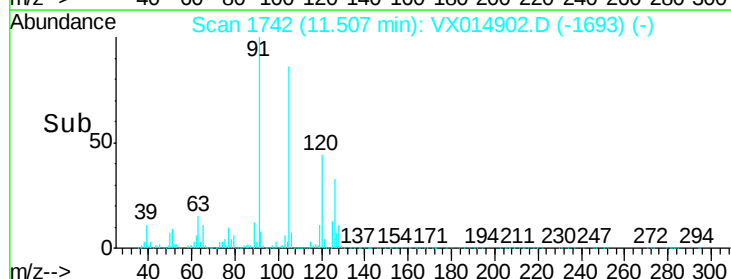
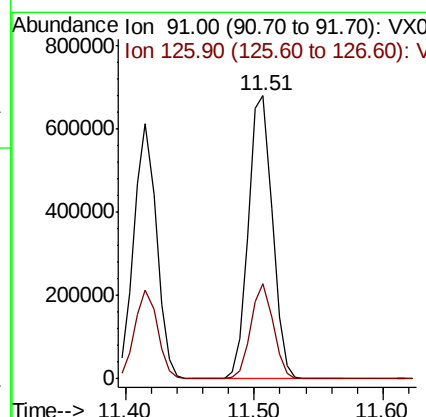
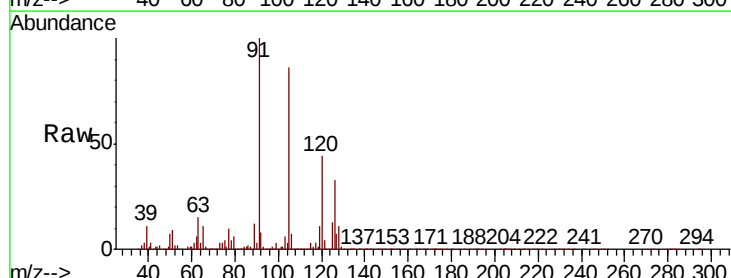
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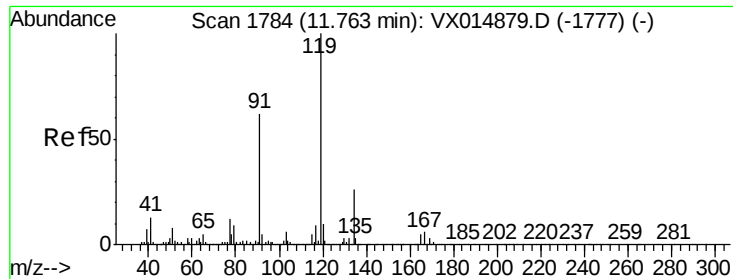
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#82
4-Chlorotoluene
Concen: 48.370 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.0





#83

tert-Butylbenzene

Concen: 49.921 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014902.D

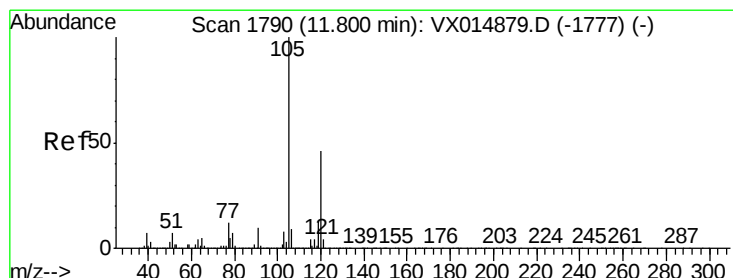
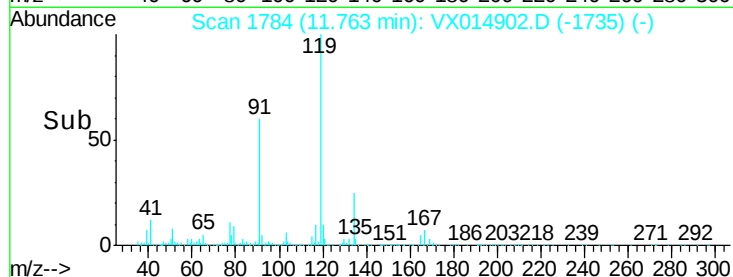
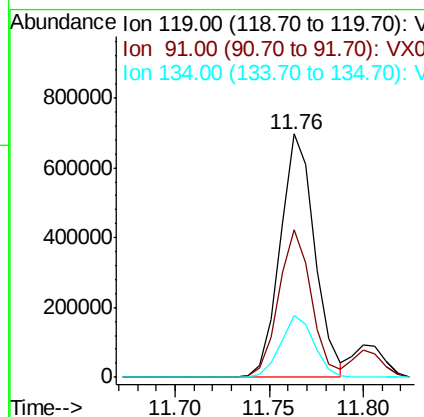
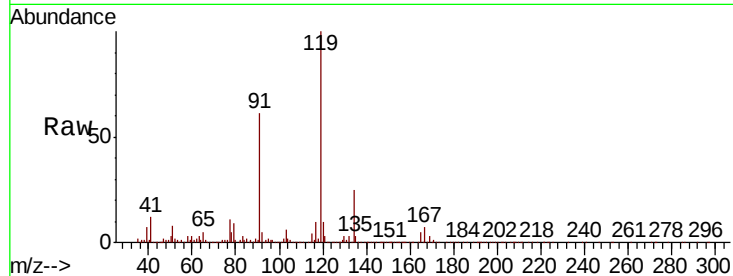
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	29.5	88.6
134	24.7	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 49.622 ug/l

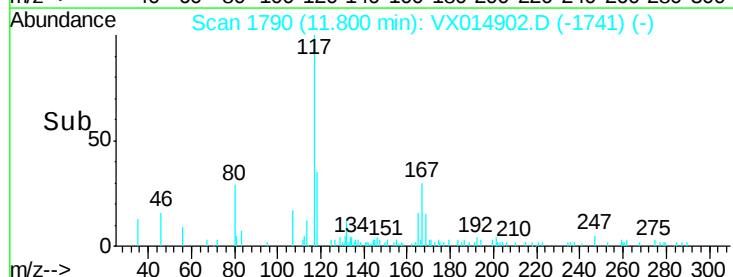
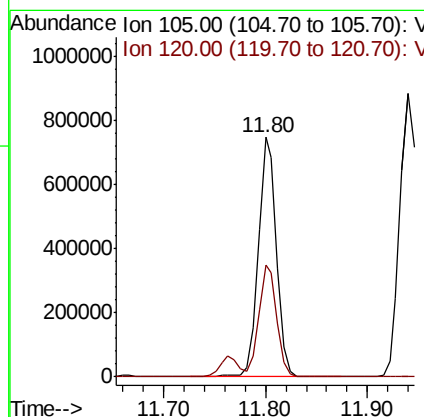
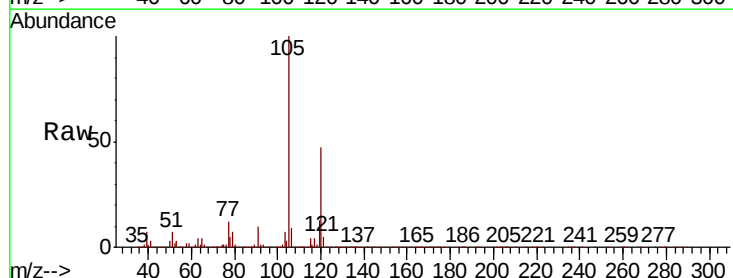
RT: 11.80 min Scan# 1790

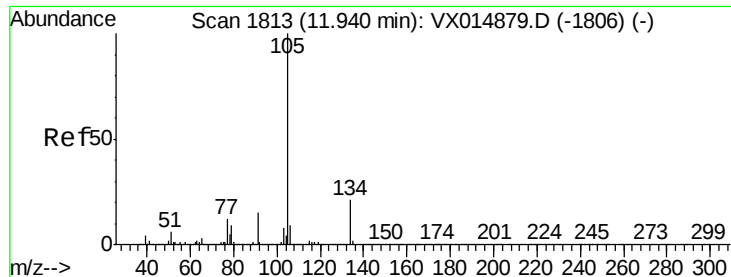
Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 49.447 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 1085625

Ion Ratio Lower Upper

105 100

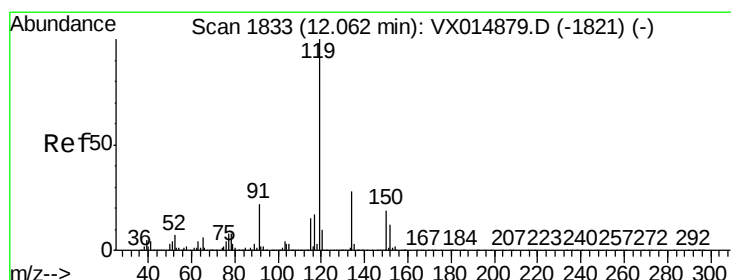
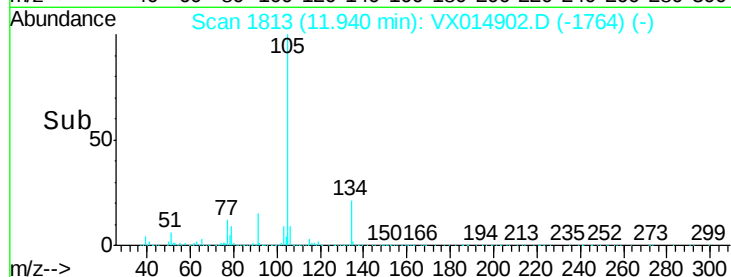
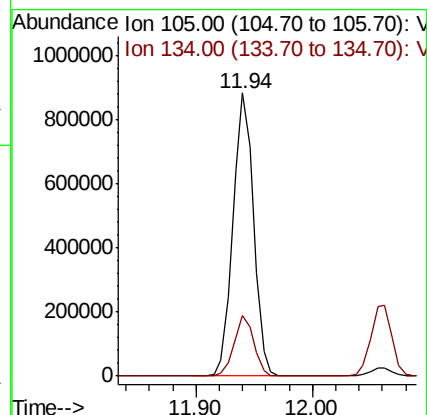
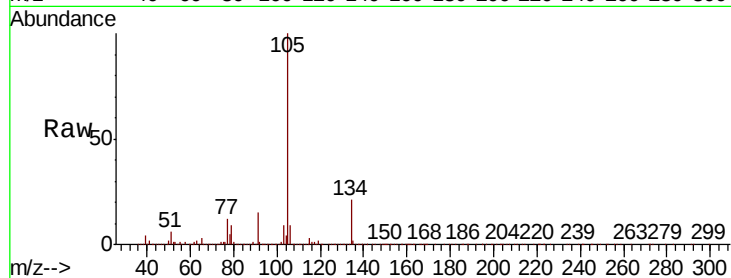
134 20.6 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 49.477 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

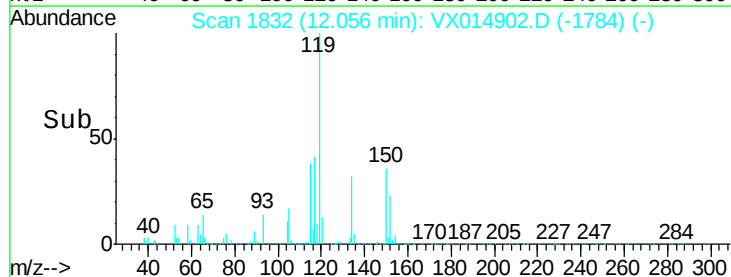
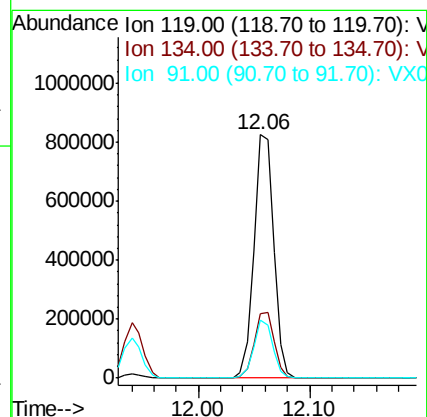
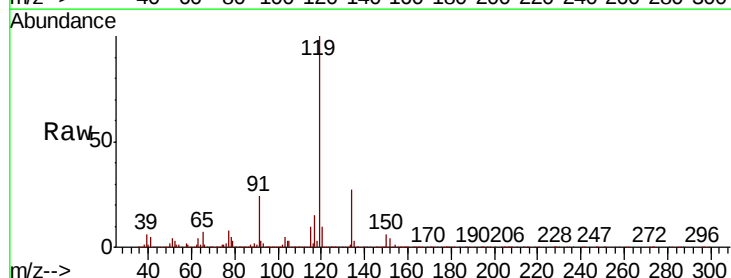
Tgt Ion:119 Resp: 1016541

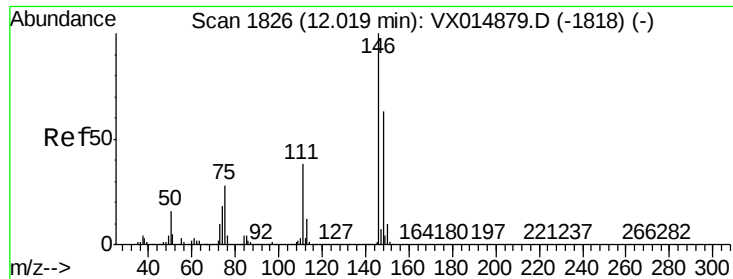
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.488 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014902.D

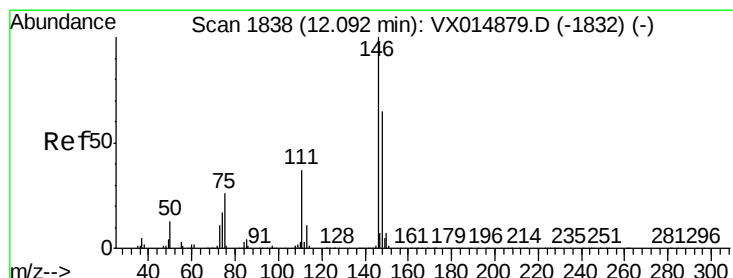
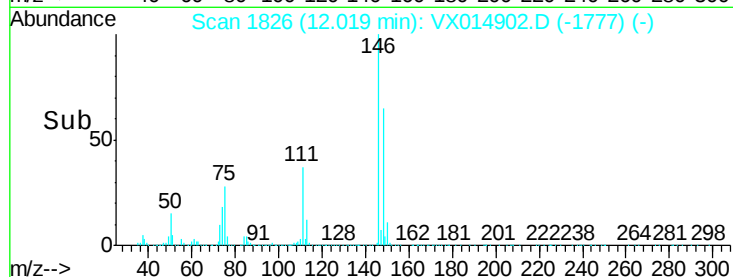
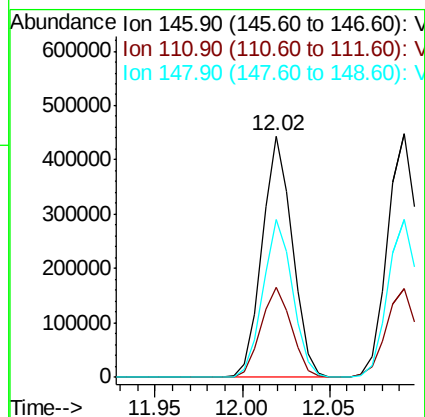
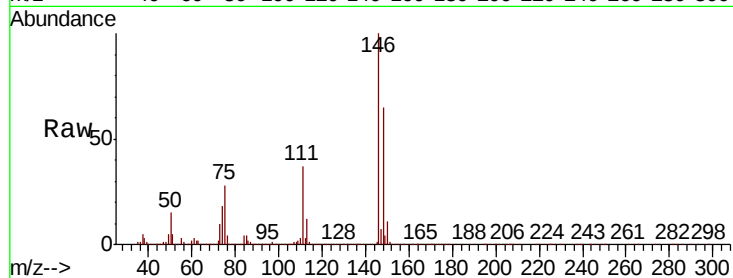
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.7	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 47.295 ug/l

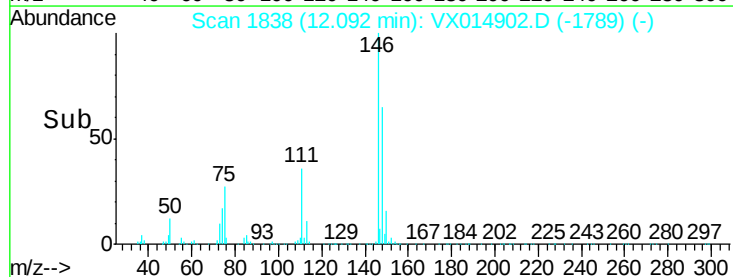
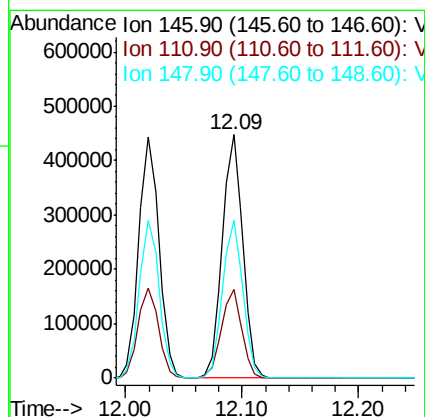
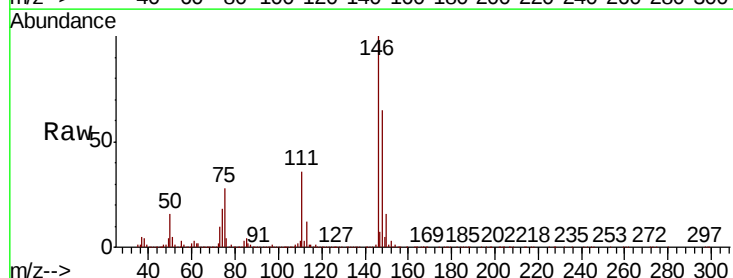
RT: 12.09 min Scan# 1838

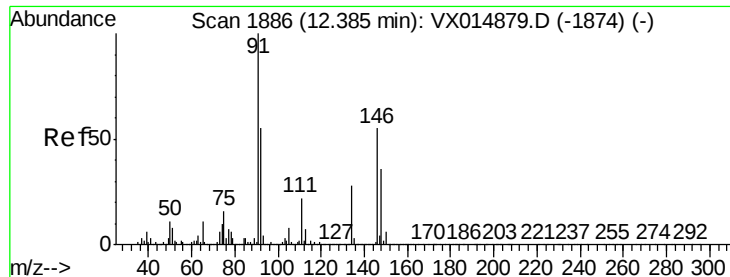
Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.6
148	64.4	32.4	97.0





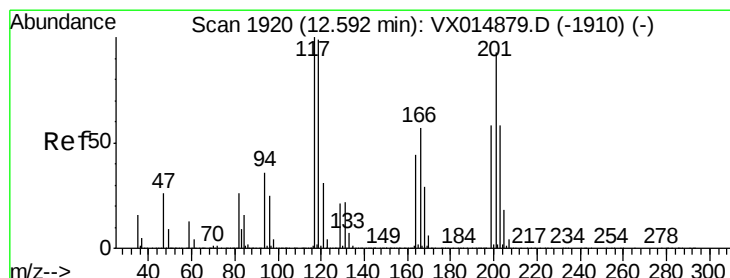
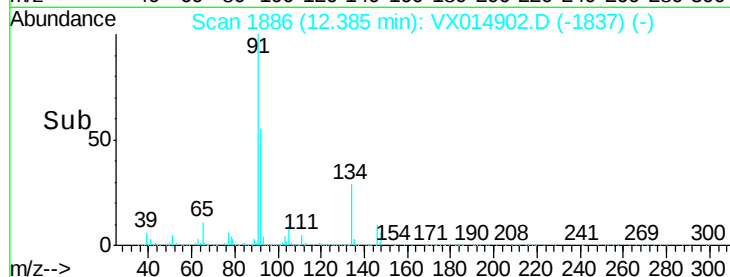
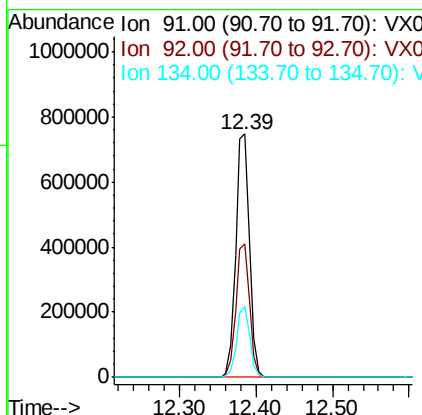
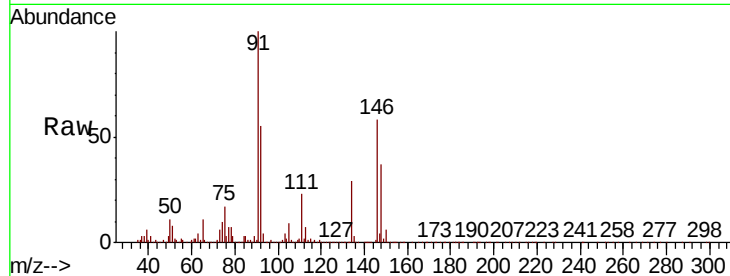
#89
n-Butylbenzene
Concen: 49.702 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.3	81.8
134	28.0	13.8	41.4

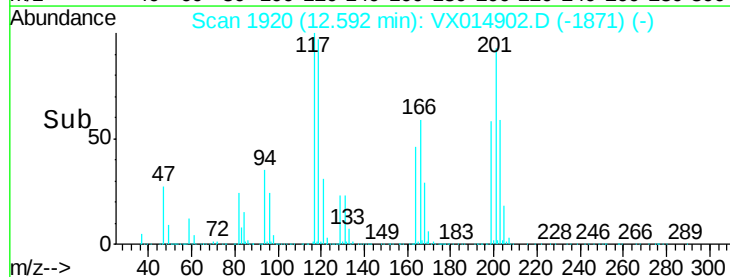
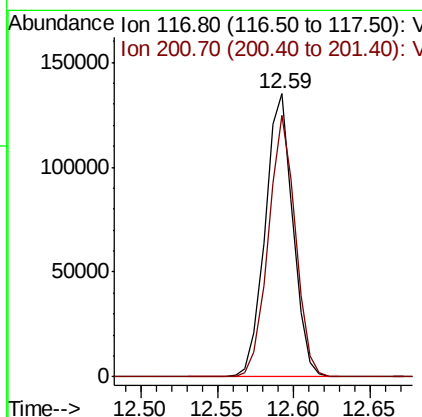
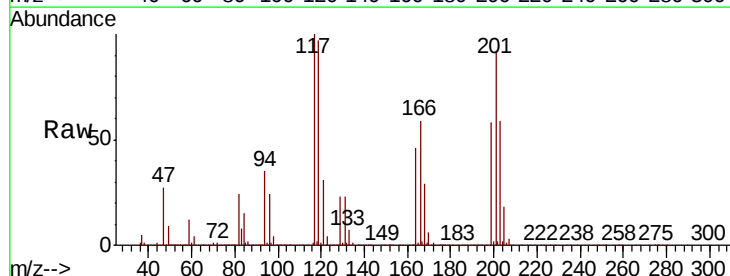
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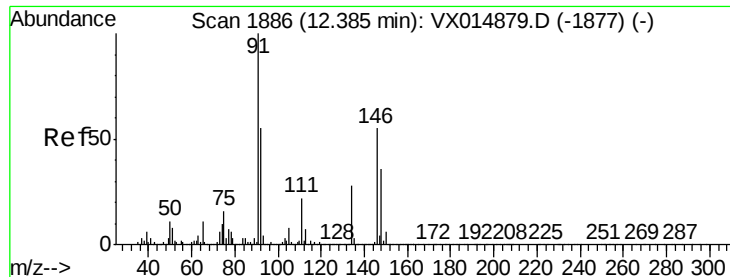
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#90
Hexachloroethane
Concen: 47.740 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 48.050 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Instrument :

MSVOA_X

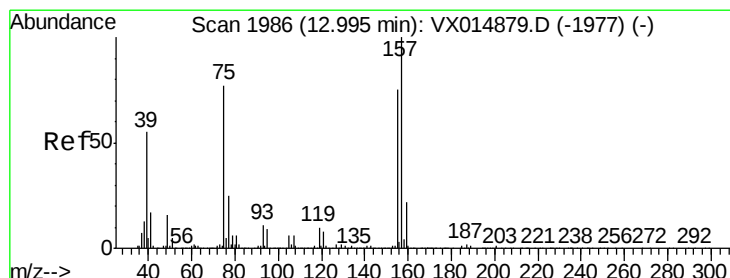
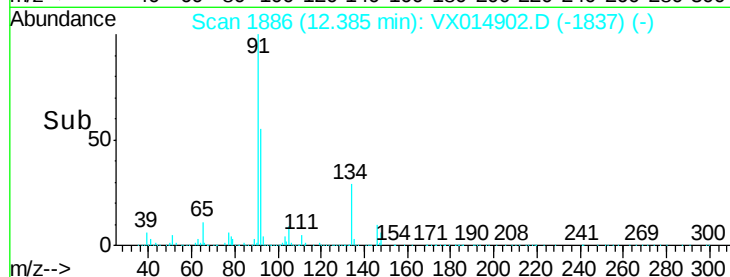
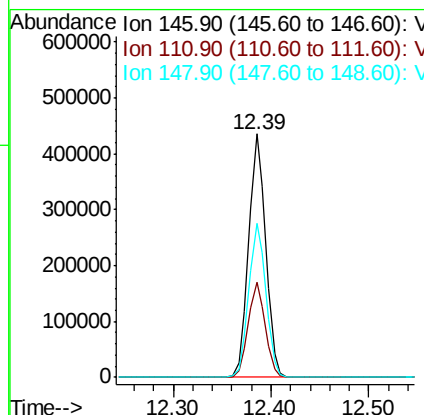
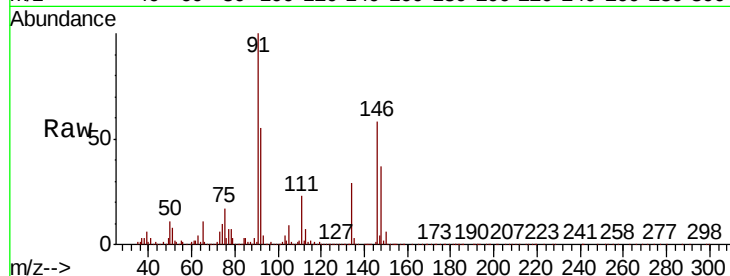
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	527015
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.8	59.3
148	64.0	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.642 ug/l

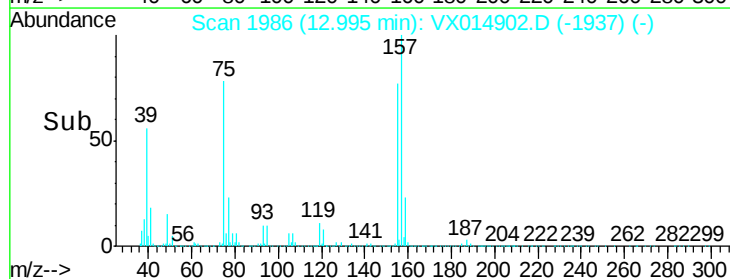
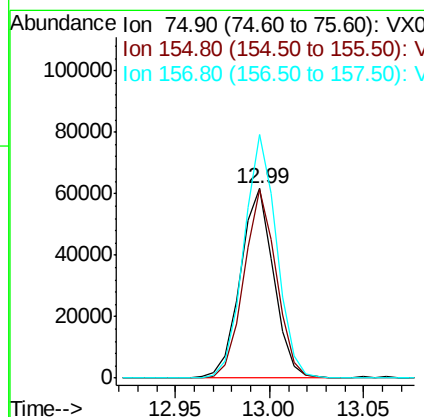
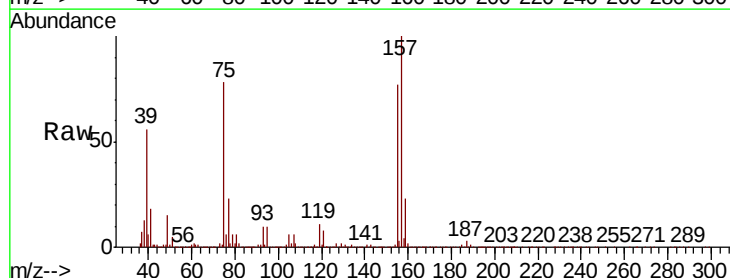
RT: 12.99 min Scan# 1886

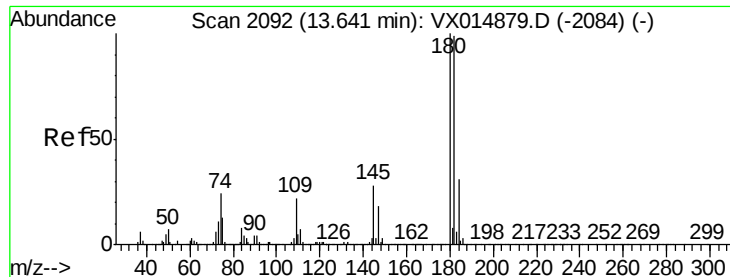
Delta R.T. -0.00 min

Lab File: VX014902.D

Acq: 10 Feb 2020 20:39

Tgt Ion:	75	Resp:	74758
Ion Ratio	Lower	Upper	
75	100		
155	97.8	48.6	145.9
157	127.3	62.0	186.0





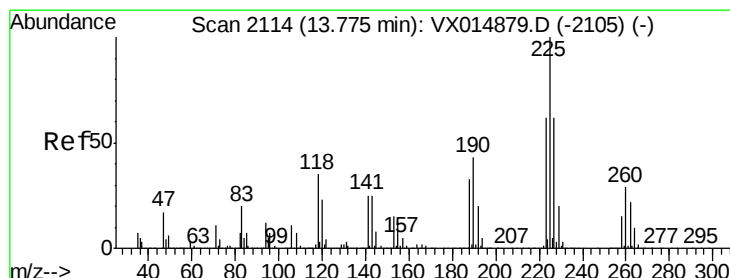
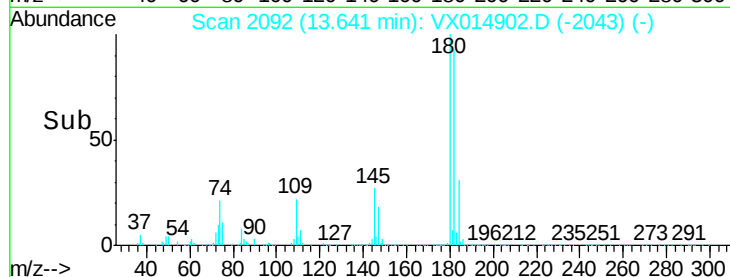
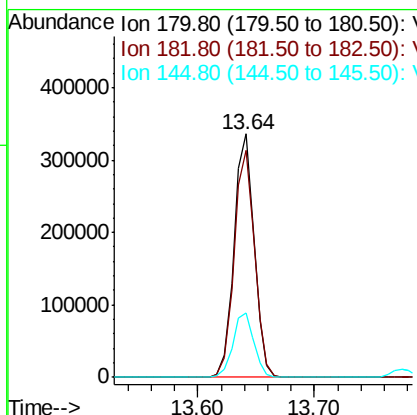
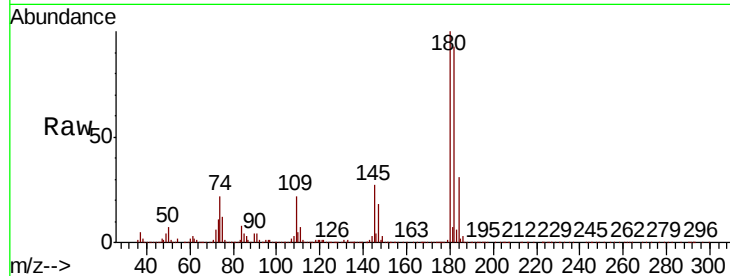
#93
 1,2,4-Trichlorobenzene
 Concen: 50.030 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	48.4	145.3
145	27.5	14.1	42.4

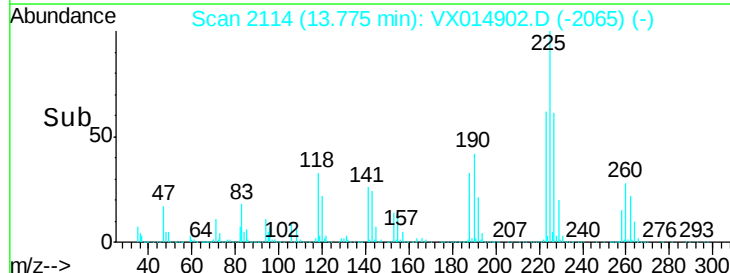
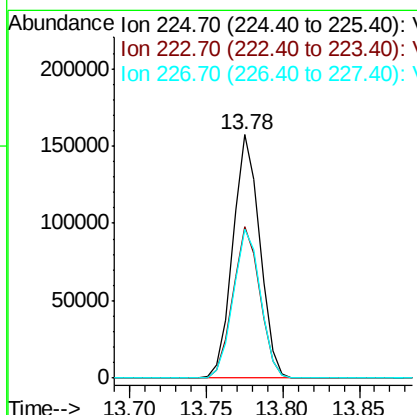
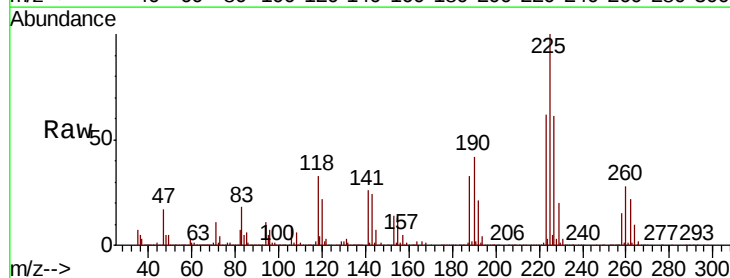
Manual Integrations
 APPROVED

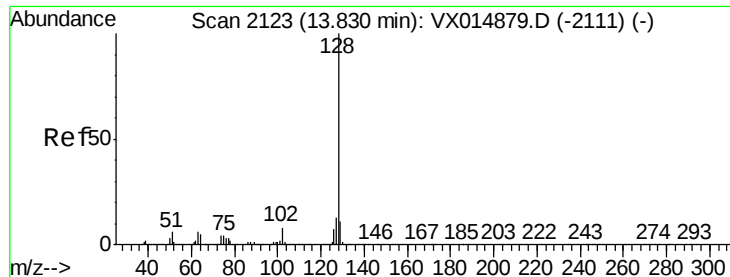
MMDadoda
 2/11/2020 10:35:09 AM



#94
 Hexachlorobutadiene
 Concen: 48.980 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014902.D
 Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.1	31.1	93.2
227	61.8	30.9	92.5





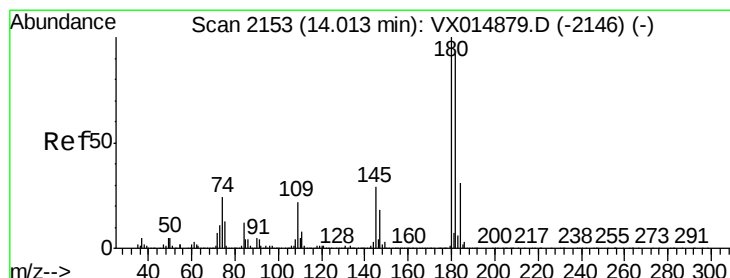
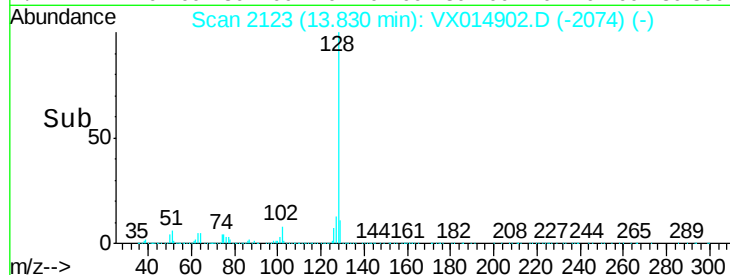
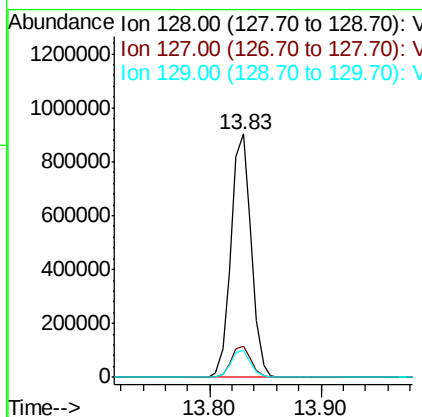
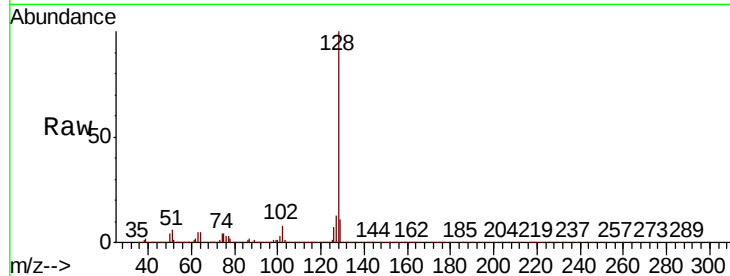
#95
Naphthalene
Concen: 52.275 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.748 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014902.D
Acq: 10 Feb 2020 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.5	142.6
145	29.8	14.5	43.5

