

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015047.D
 Acq On : 27 Feb 2020 14:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 11:28:57 AM

Quant Time: Feb 27 17:01:13 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	414704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	626990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	227821	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.49	113	194768	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.71	98	732552	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	270929	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	173257	44.116	ug/l	100
3) Chloromethane	1.32	50	215209	48.334	ug/l	99
4) Vinyl Chloride	1.41	62	224133	46.728	ug/l	96
5) Bromomethane	1.63	94	126495	40.743	ug/l	99
6) Chloroethane	1.72	64	145666	47.462	ug/l	98
7) Trichlorofluoromethane	1.92	101	283798	42.348	ug/l	99
8) Diethyl Ether	2.18	74	133020	47.866	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	183793	47.248	ug/l	98
10) Methyl Iodide	2.50	142	192543	44.889	ug/l	98
11) Tert butyl alcohol	3.03	59	210148	254.304	ug/l	99
12) 1,1-Dichloroethene	2.37	96	180287	47.429	ug/l	96
13) Acrolein	2.28	56	134106	212.926	ug/l	98
14) Allyl chloride	2.72	41	326441	48.438	ug/l	96
15) Acrylonitrile	3.13	53	567150	270.729	ug/l	99
16) Acetone	2.43	43	478867	187.751	ug/l	97
17) Carbon Disulfide	2.56	76	434596	40.920	ug/l	100
18) Methyl Acetate	2.76	43	271267	57.549	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	616562	49.840	ug/l	99
20) Methylene Chloride	2.85	84	208980	46.417	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	197191	47.014	ug/l	99
22) Diisopropyl ether	3.84	45	677799	52.659	ug/l	95
23) Vinyl Acetate	3.81	43	2853554	268.931	ug/l	99
24) 1,1-Dichloroethane	3.69	63	363952	50.100	ug/l	99
25) 2-Butanone	4.65	43	772248	242.364	ug/l	100
26) 2,2-Dichloropropane	4.58	77	285578	45.616	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	229554	48.961	ug/l	100
28) Bromochloromethane	5.01	49	145974	51.842	ug/l	97
29) Tetrahydrofuran	5.11	42	494777	273.159	ug/l	100
30) Chloroform	5.20	83	362569	50.305	ug/l	99
31) Cyclohexane	5.58	56	310378	46.909	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	298557	47.355	ug/l	99
36) 1,1-Dichloropropene	5.79	75	264224	47.110	ug/l	99
37) Ethyl Acetate	4.82	43	302799	51.763	ug/l	100
38) Carbon Tetrachloride	5.78	117	255229	46.696	ug/l	98

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 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)
39) Methylcyclohexane	7.46	83	320407	45.679	ug/l	98
40) Benzene	6.14	78	822032	49.054	ug/l	98
41) Methacrylonitrile	5.03	41	168139	53.355	ug/l	98
42) 1,2-Dichloroethane	6.19	62	283138	46.748	ug/l	99
43) Isopropyl Acetate	6.43	43	494610	51.256	ug/l	99
44) Trichloroethene	7.21	130	228209	46.911	ug/l	99
45) 1,2-Dichloropropane	7.51	63	218217	51.060	ug/l	99
46) Dibromomethane	7.65	93	141307	48.371	ug/l	98
47) Bromodichloromethane	7.89	83	283757	48.989	ug/l	97
48) Methyl methacrylate	7.76	41	248242	52.273	ug/l	98
49) 1,4-Dioxane	7.73	88	93465	1052.634	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1569958	269.438	ug/l	100
52) Toluene	8.78	92	517801	48.650	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	312523	49.232	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	345391	49.252	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	219302	50.928	ug/l	100
56) Ethyl methacrylate	9.17	69	341421	52.750	ug/l	98
57) 1,3-Dichloropropane	9.37	76	361533	49.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	865667	255.738	ug/l	99
59) 2-Hexanone	9.48	43	1189202	259.655	ug/l	99
60) Dibromochloromethane	9.57	129	232997	50.279	ug/l	100
61) 1,2-Dibromoethane	9.67	107	226525	48.755	ug/l	99
64) Tetrachloroethene	9.33	164	225607	41.470	ug/l	99
65) Chlorobenzene	10.14	112	567253	48.065	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	214934	50.164	ug/l	98
67) Ethyl Benzene	10.25	91	995509	49.598	ug/l	99
68) m/p-Xylenes	10.36	106	761357	98.466	ug/l	98
69) o-Xylene	10.70	106	368583	49.589	ug/l	99
70) Styrene	10.71	104	641217	50.995	ug/l	99
71) Bromoform	10.85	173	181319	50.699	ug/l	99
73) Isopropylbenzene	11.01	105	977213	48.530	ug/l	100
74) N-amyl acetate	10.89	43	429481	51.332	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	333979	50.738	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	274336m	47.247	ug/l	
77) Bromobenzene	11.25	156	263813	46.939	ug/l	99
78) n-propylbenzene	11.35	91	1135978	48.776	ug/l	100
79) 2-Chlorotoluene	11.42	91	661670	48.326	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	821862	48.848	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110613	48.762	ug/l	99
82) 4-Chlorotoluene	11.51	91	776166	47.870	ug/l	100
83) tert-Butylbenzene	11.76	119	818859	51.395	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	834595	49.222	ug/l	100
85) sec-Butylbenzene	11.94	105	966949	48.853	ug/l	99
86) p-Isopropyltoluene	12.06	119	904171	48.817	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	468444	46.460	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	479479	46.568	ug/l	99
89) n-Butylbenzene	12.39	91	795054	47.929	ug/l	100
90) Hexachloroethane	12.59	117	157684	48.750	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	467417	47.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	69584	45.060	ug/l	98

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VSTDCCC050EC

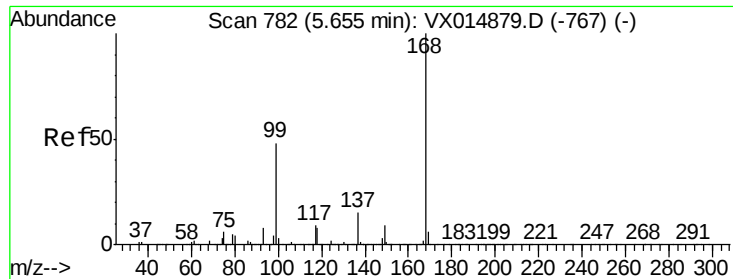
Manual Integrations
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2/28/2020 11:28:57 AM

Quant Time: Feb 27 17:01:13 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.64	180	333299	45.669	ug/l	99
94) Hexachlorobutadiene	13.78	225	163191	46.230	ug/l	99
95) Naphthalene	13.83	128	984139	50.717	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	331648	47.035	ug/l	98

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



#1

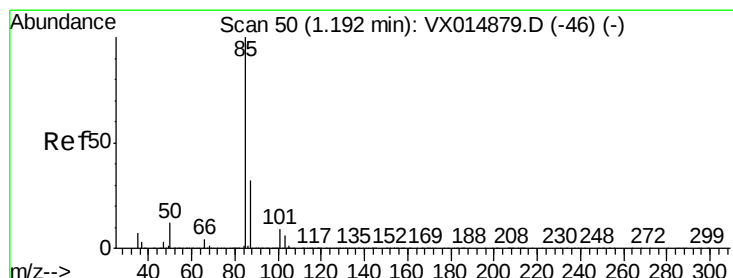
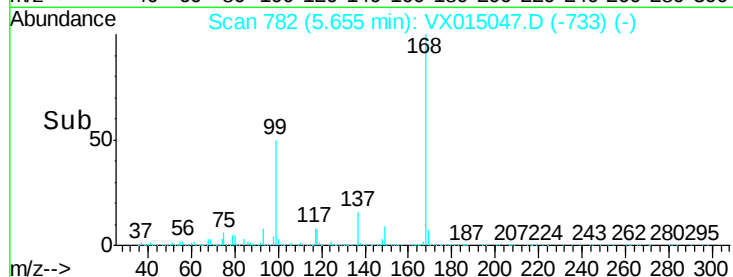
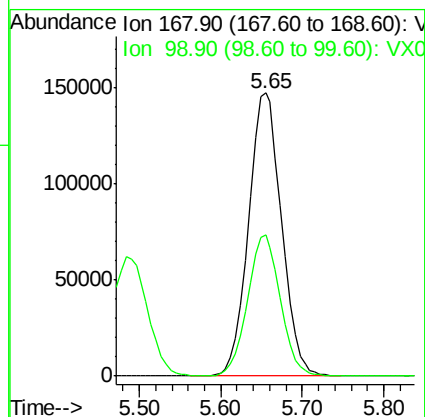
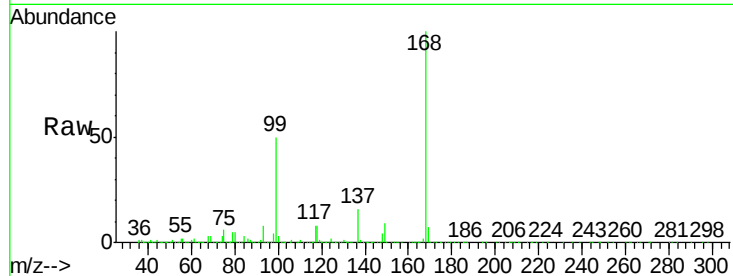
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.7	58.1

Manual Integrations
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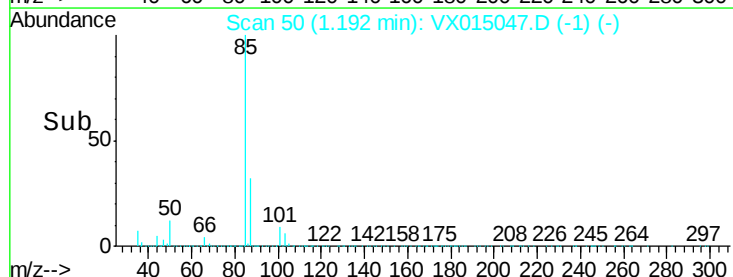
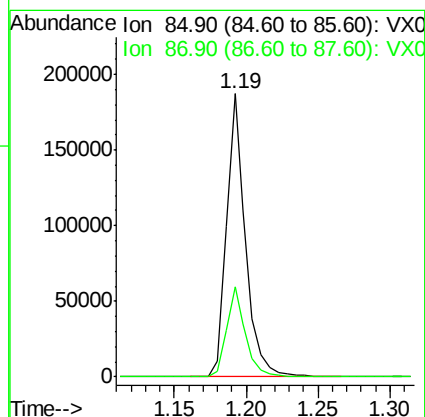
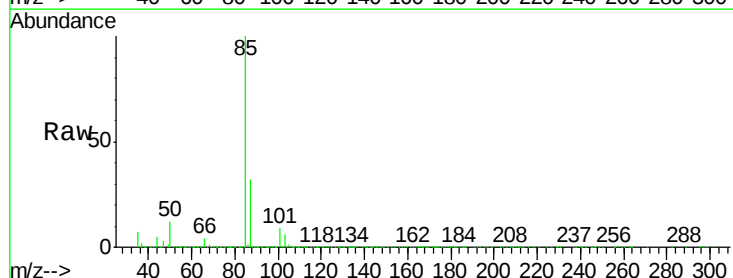
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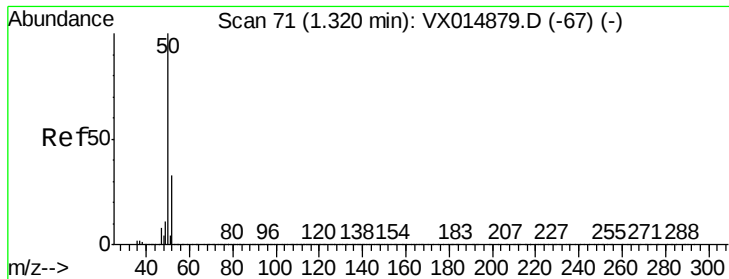


#2

Dichlorodifluoromethane
 Concen: 44.116 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.2





#3

Chloromethane

Concen: 48.334 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 215209

Ion Ratio Lower Upper

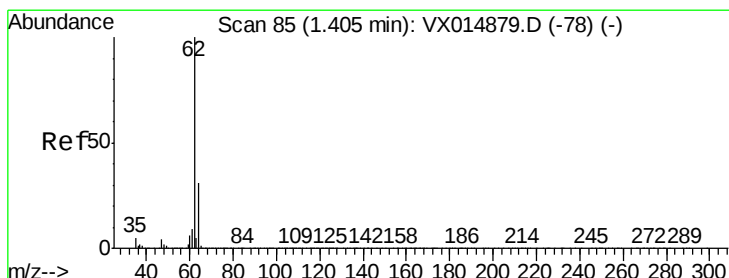
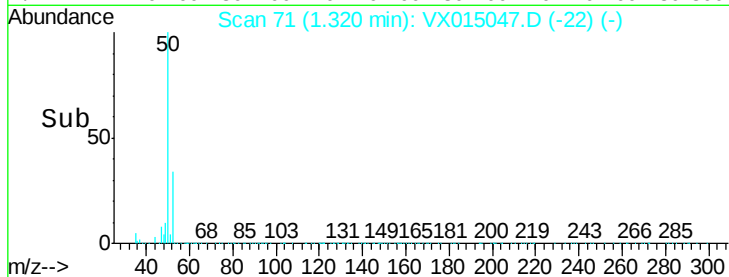
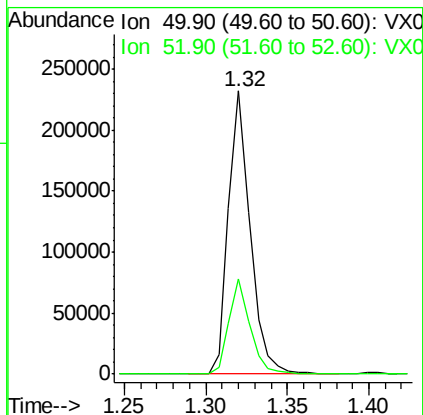
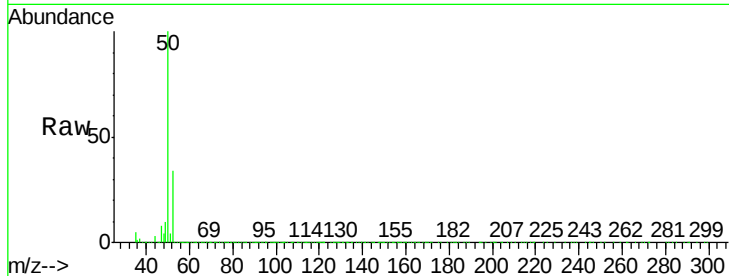
50 100

52 33.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 46.728 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX015047.D

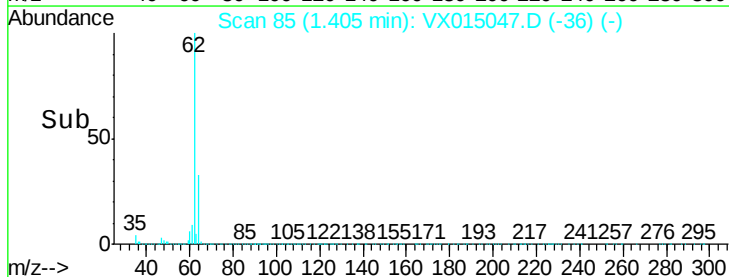
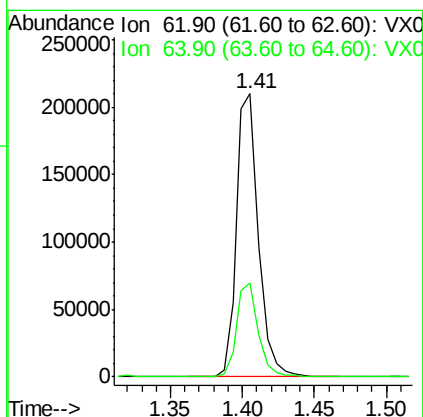
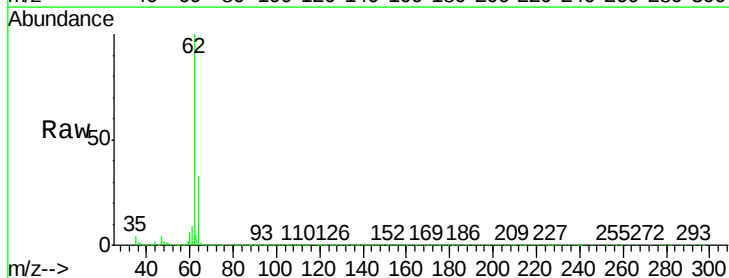
Acq: 27 Feb 2020 14:51

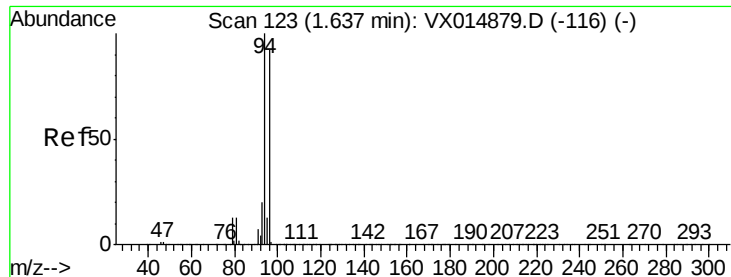
Tgt Ion: 62 Resp: 224133

Ion Ratio Lower Upper

62 100

64 33.2 24.8 37.2





#5

Bromomethane

Concen: 40.743 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 126495

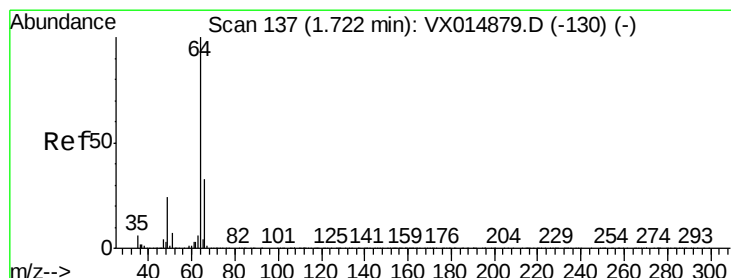
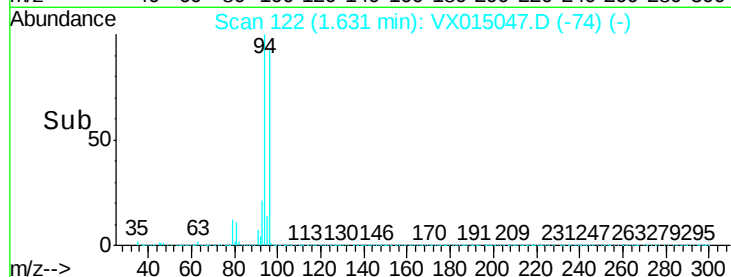
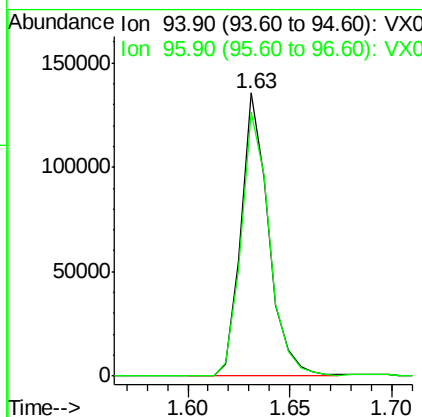
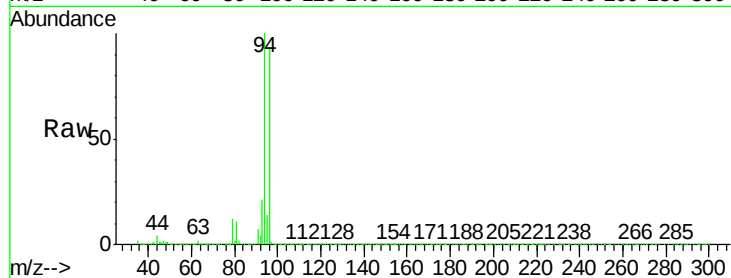
Ion Ratio Lower Upper

94 100

96 93.2 73.7 110.5

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#6

Chloroethane

Concen: 47.462 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015047.D

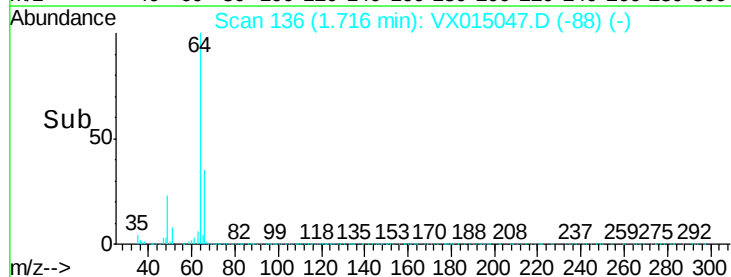
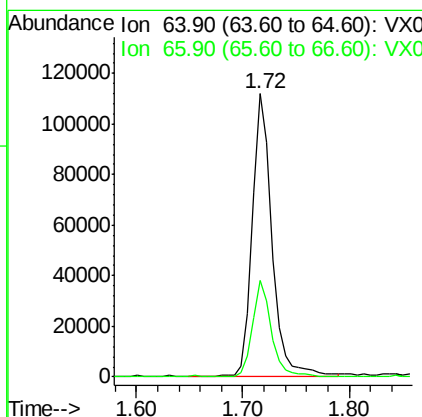
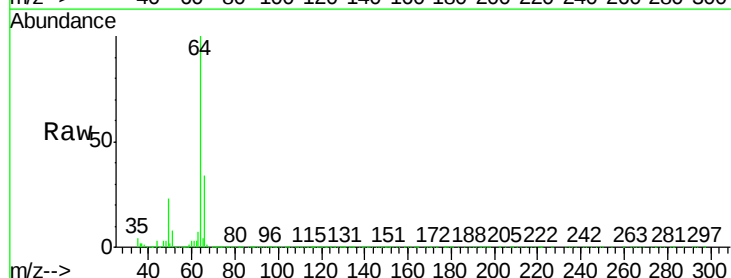
Acq: 27 Feb 2020 14:51

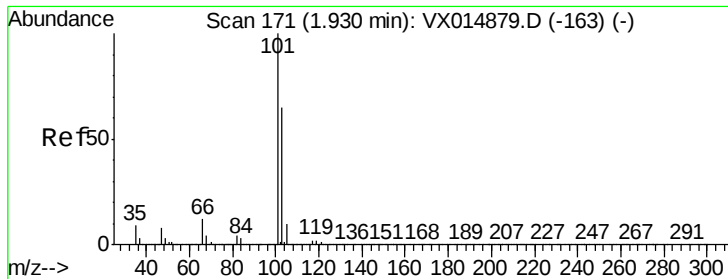
Tgt Ion: 64 Resp: 145666

Ion Ratio Lower Upper

64 100

66 34.2 26.2 39.4





#7

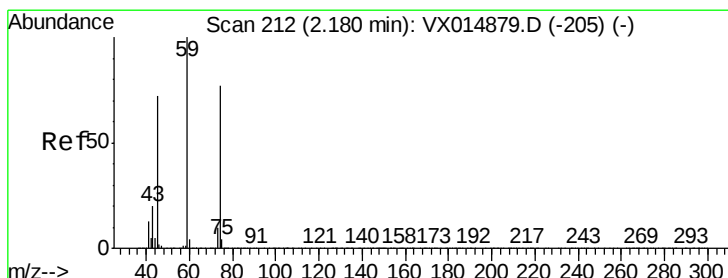
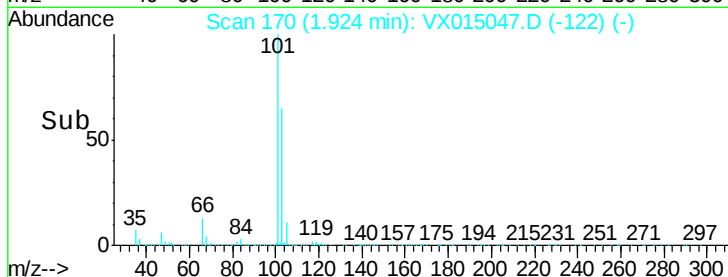
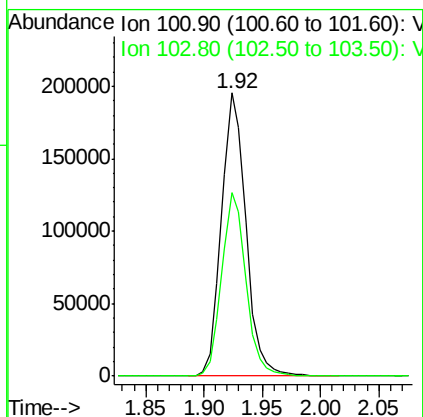
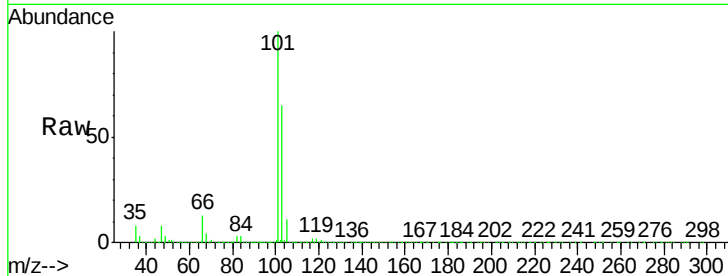
Trichlorofluoromethane
Concen: 42.348 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

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VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	283798		
103	64.6	52.2	78.4	

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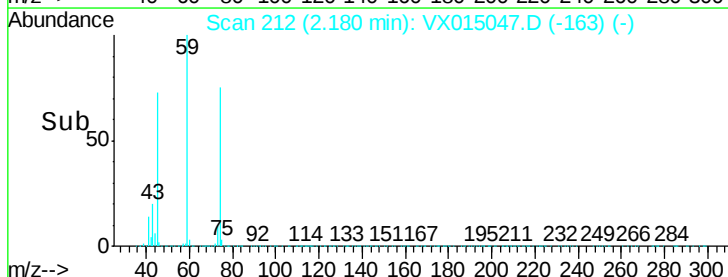
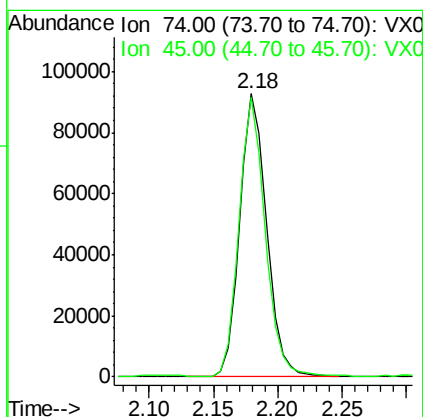
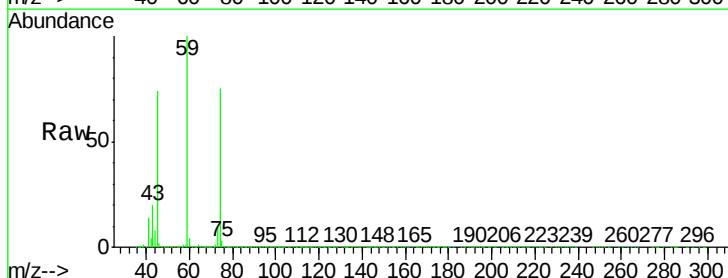
MMDadoda
2/28/2020 11:28:57 AM

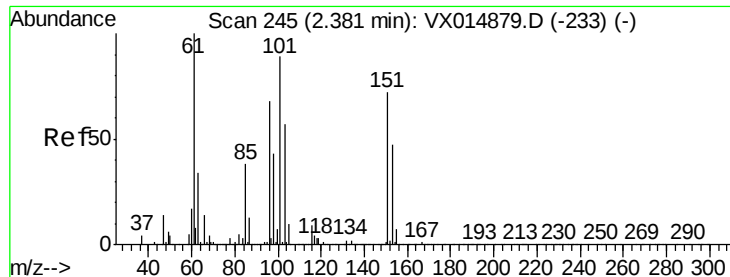


#8

Diethyl Ether
Concen: 47.866 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	133020		
45	96.5	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.248 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

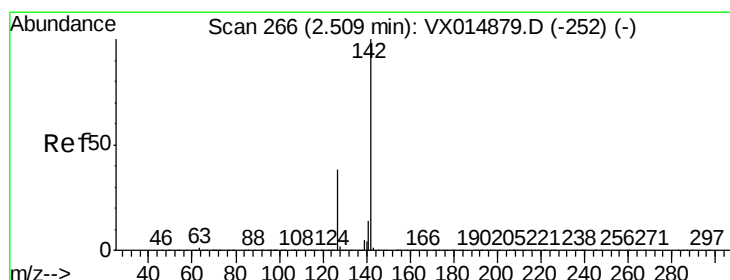
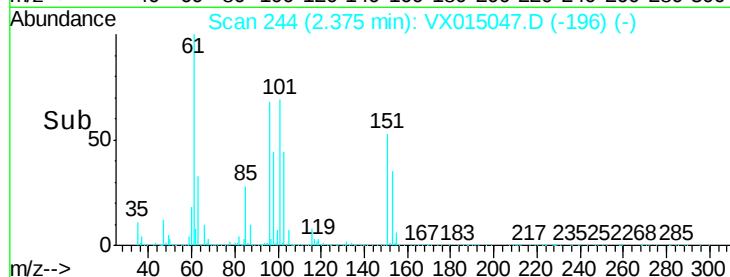
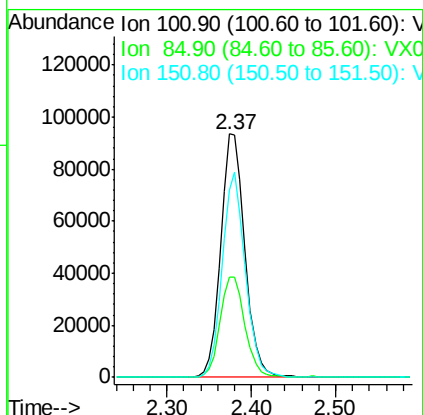
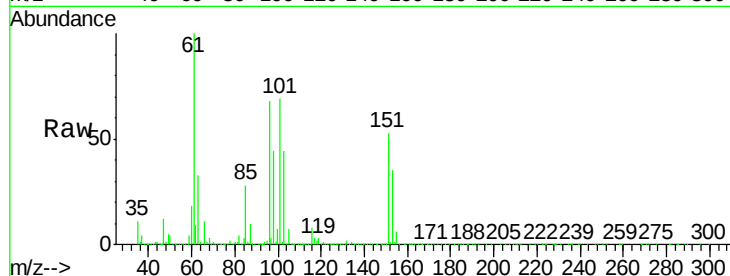
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	183793
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	80.8	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 44.889 ug/l

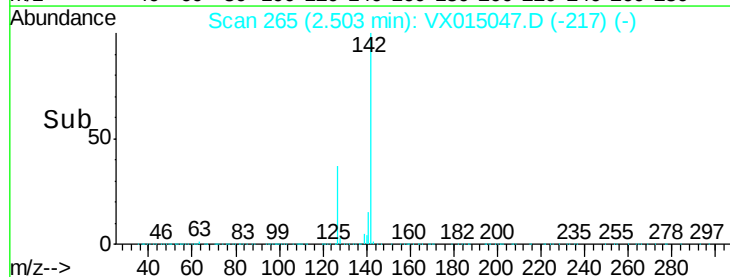
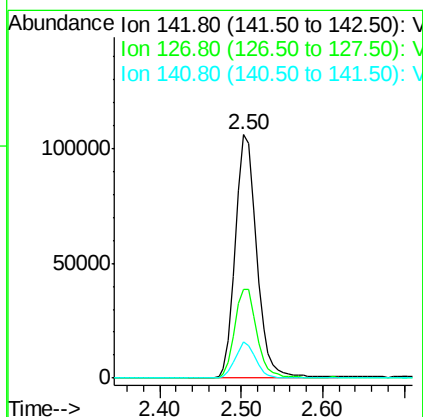
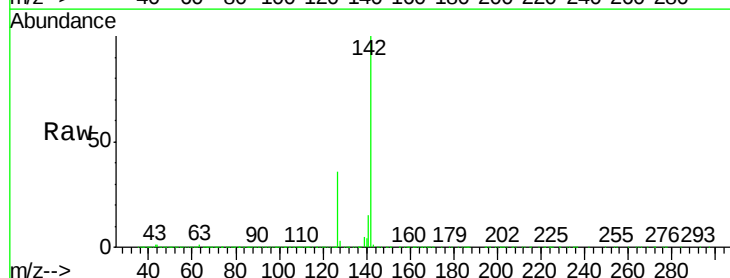
RT: 2.50 min Scan# 265

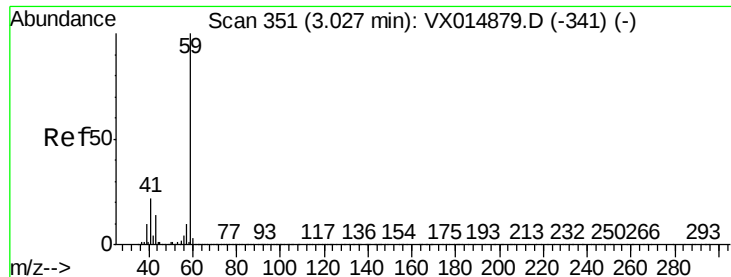
Delta R.T. -0.01 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	142	Resp:	192543
Ion Ratio	Lower	Upper	
142	100		
127	37.4	31.1	46.7
141	13.8	11.3	16.9





#11

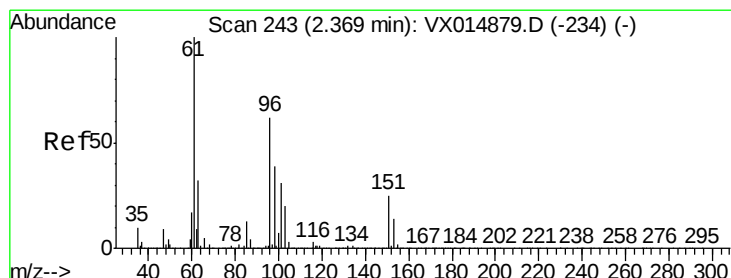
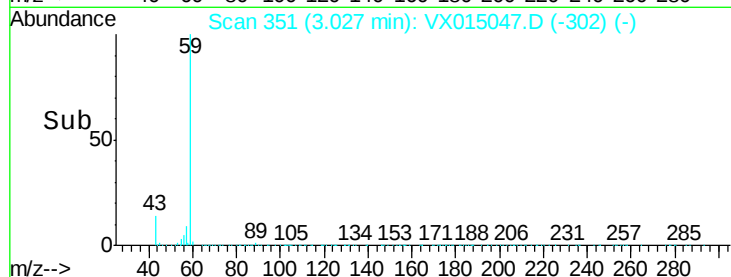
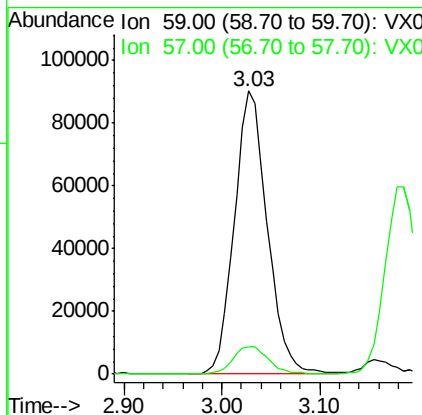
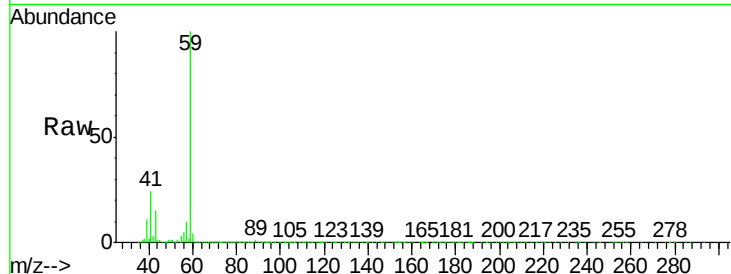
Tert butyl alcohol
Concen: 254.304 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

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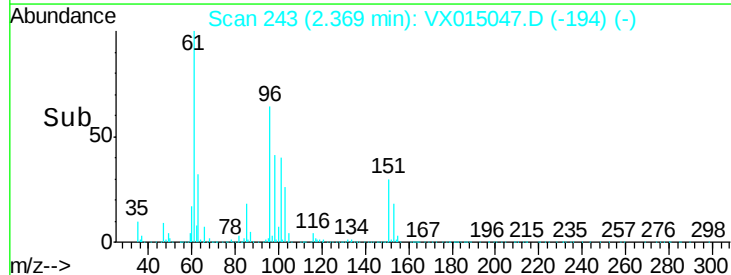
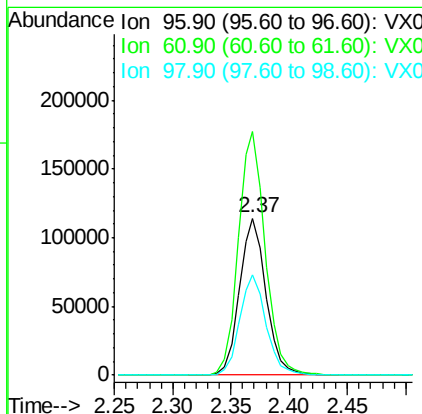
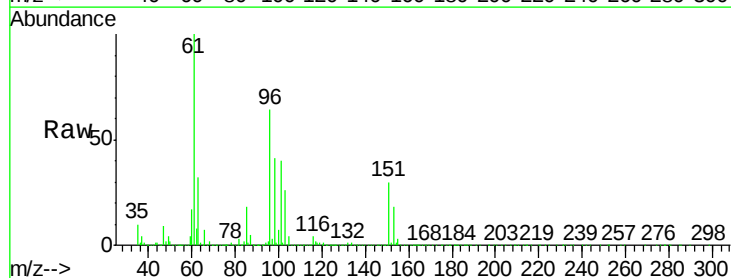
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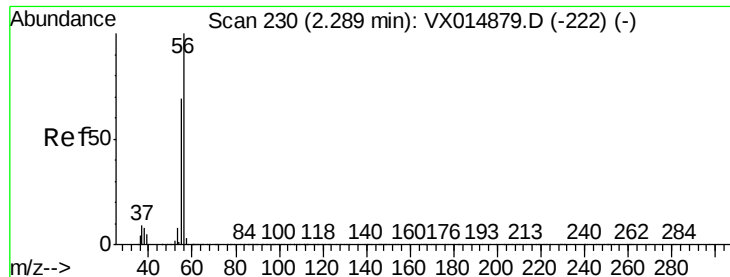


#12

1,1-Dichloroethene
Concen: 47.429 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	129.5	194.3
98	63.7	50.6	76.0





#13

Acrolein

Concen: 212.926 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 134106

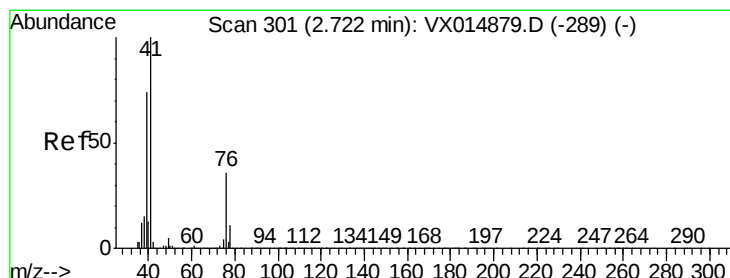
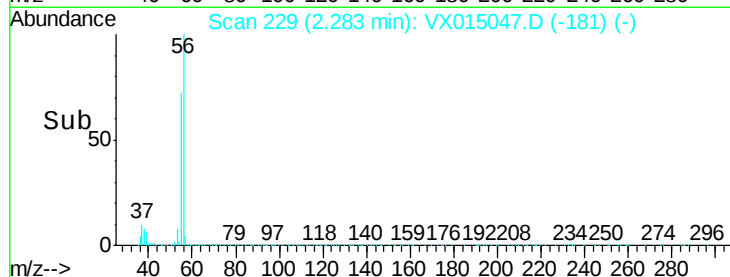
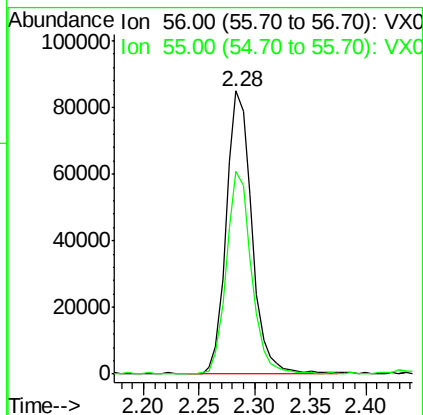
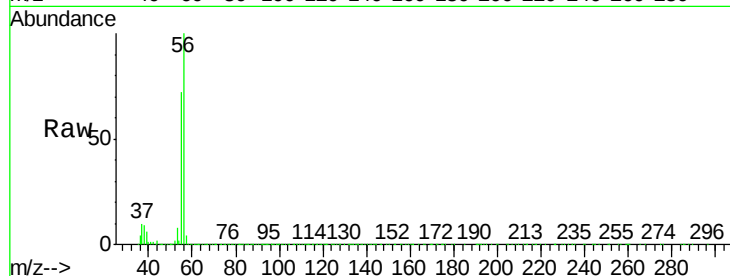
Ion Ratio Lower Upper

56 100

55 70.0 55.0 82.4

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2/28/2020 11:28:57 AM



#14

Allyl chloride

Concen: 48.438 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

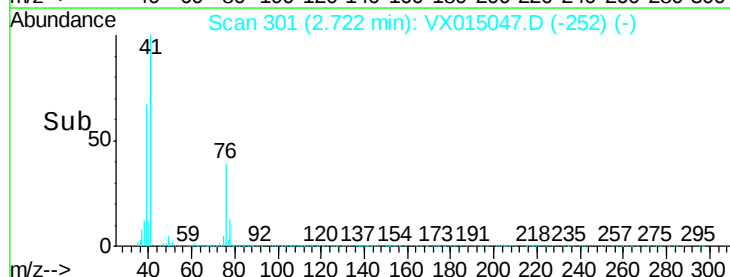
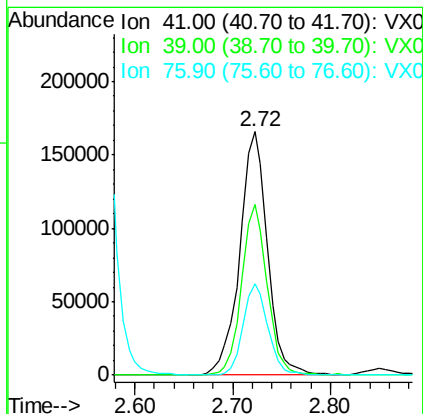
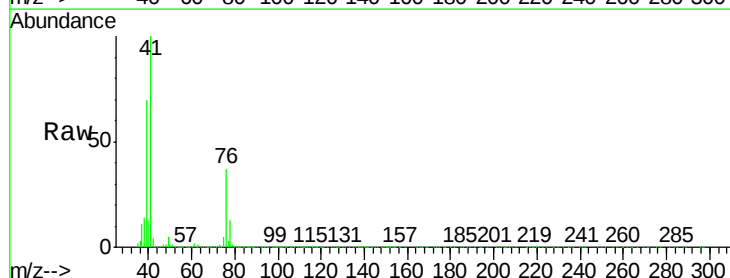
Tgt Ion: 41 Resp: 326441

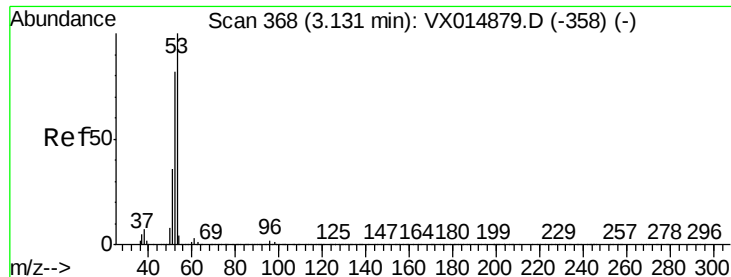
Ion Ratio Lower Upper

41 100

39 64.6 55.2 82.8

76 33.2 26.8 40.2





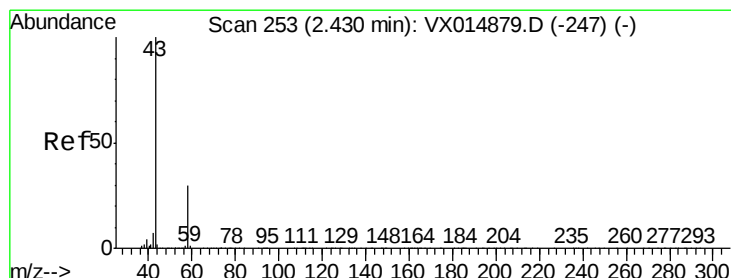
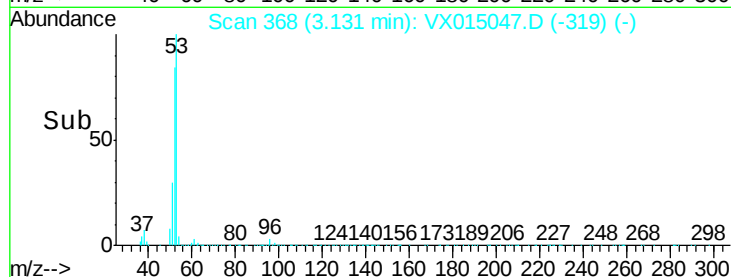
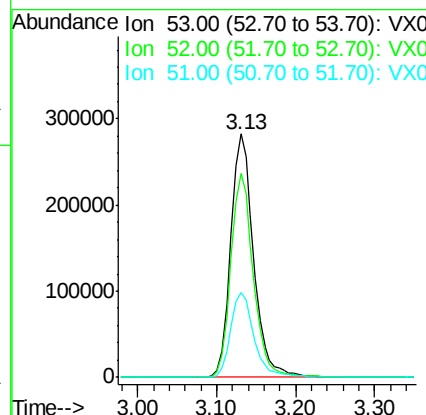
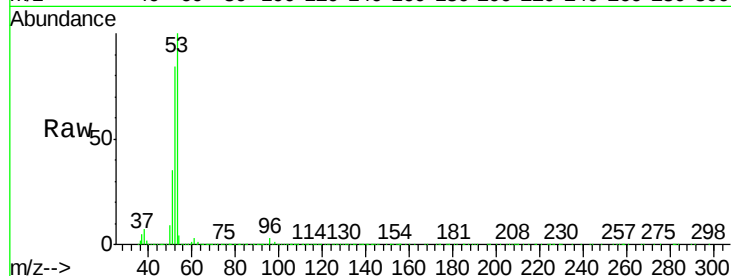
#15
 Acrylonitrile
 Concen: 270.729 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	567150
Ion Ratio		Lower	Upper
53	100		
52	82.4	65.8	98.6
51	35.6	29.1	43.7

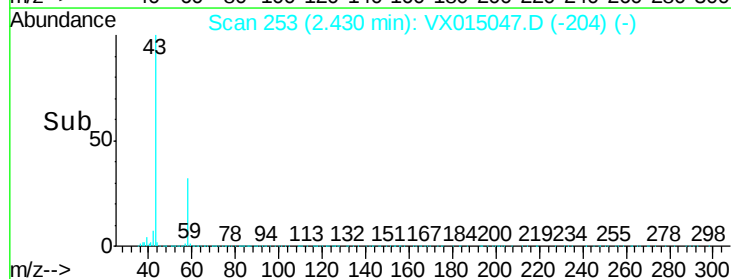
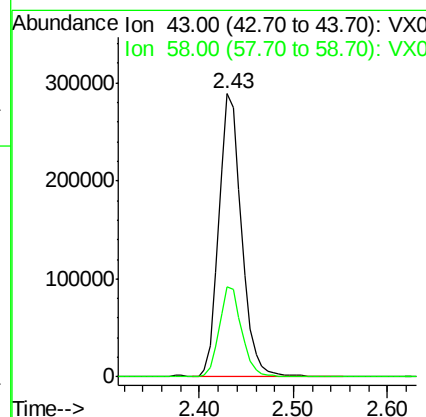
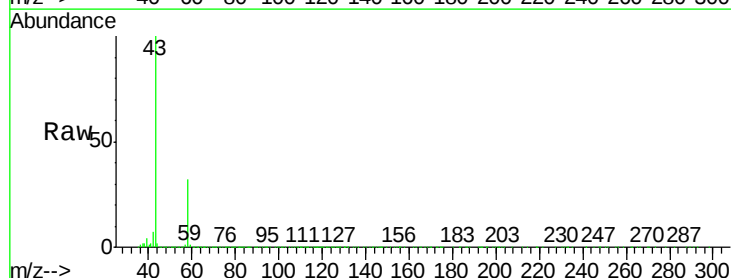
Manual Integrations
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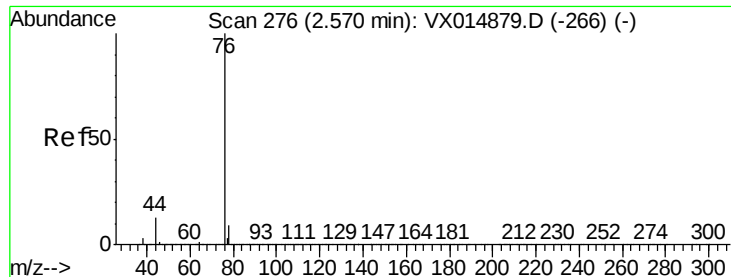
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#16
 Acetone
 Concen: 187.751 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Tgt Ion:	43	Resp:	478867
Ion Ratio		Lower	Upper
43	100		
58	31.9	24.1	36.1





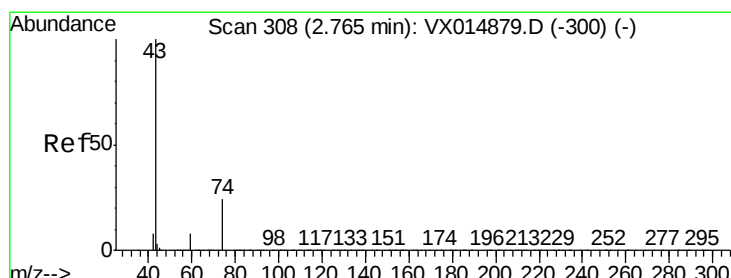
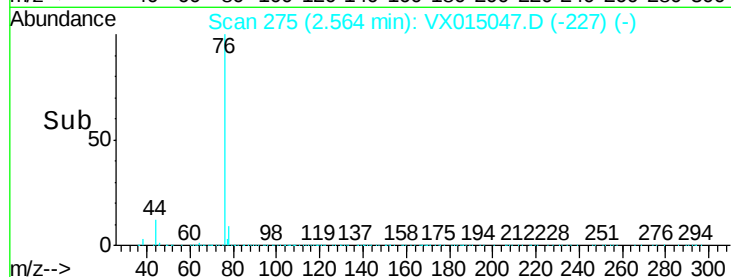
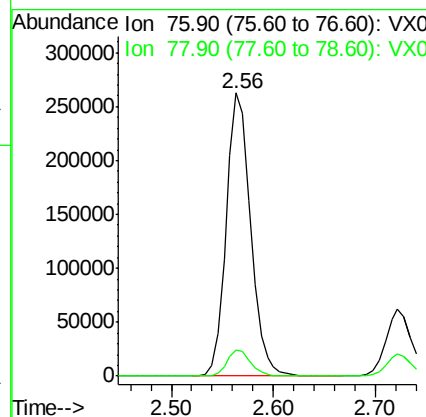
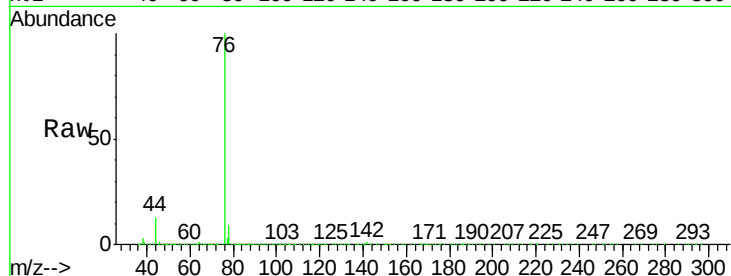
#17
Carbon Disulfide
Concen: 40.920 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

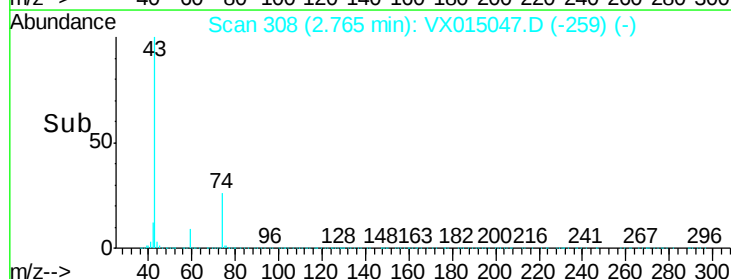
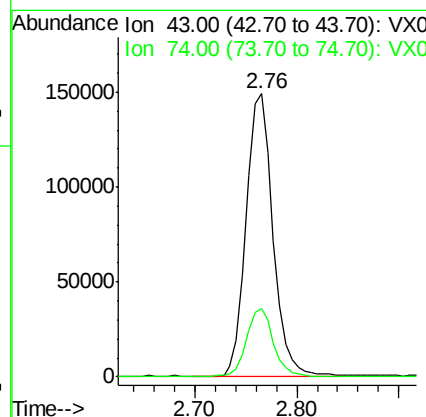
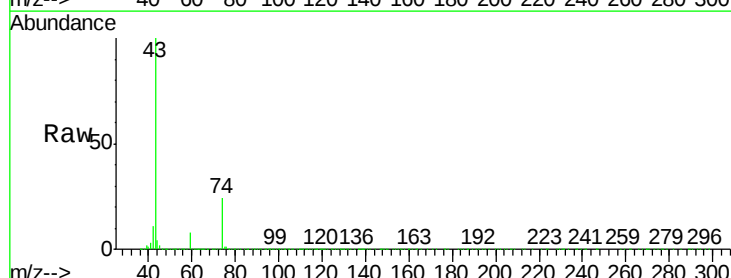
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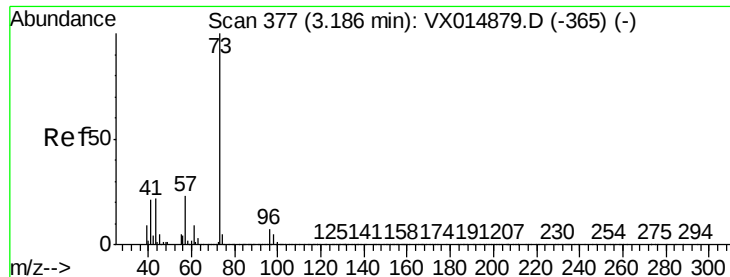
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#18
Methyl Acetate
Concen: 57.549 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.4	29.0





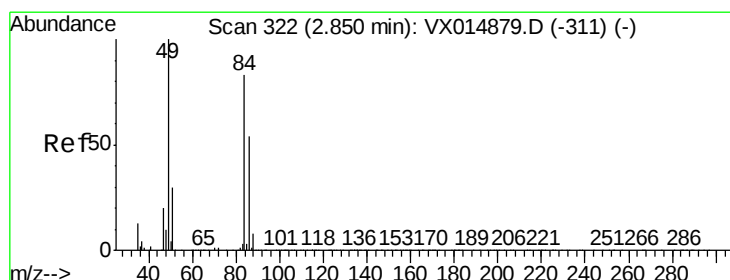
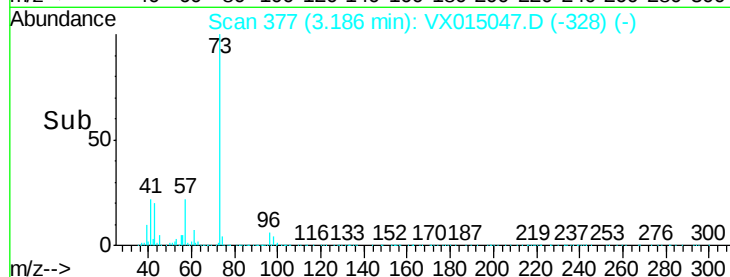
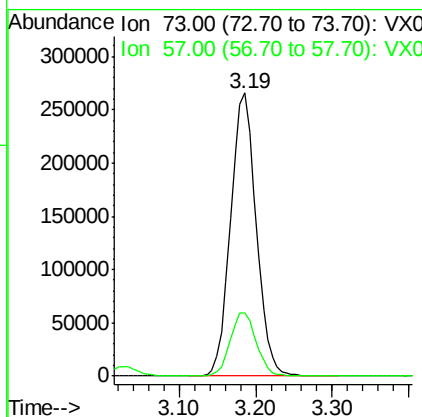
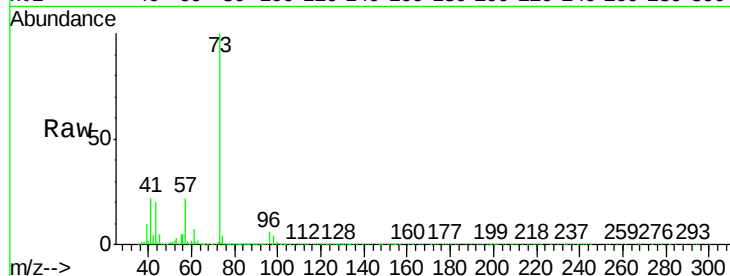
#19
Methvl tert-butvl Ether
Concen: 49.840 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.4

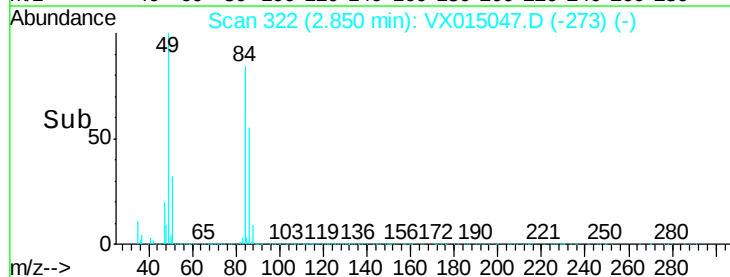
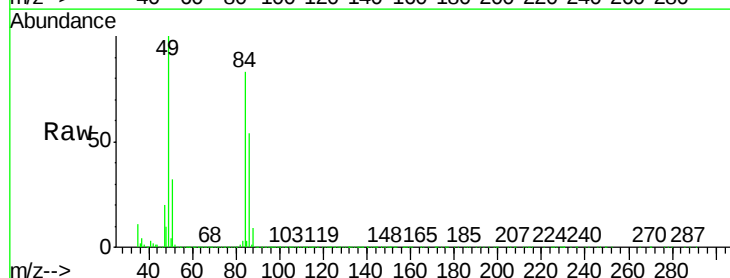
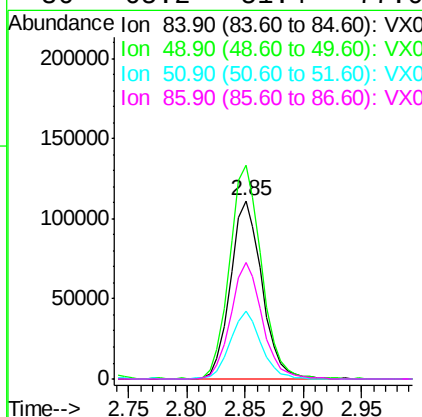
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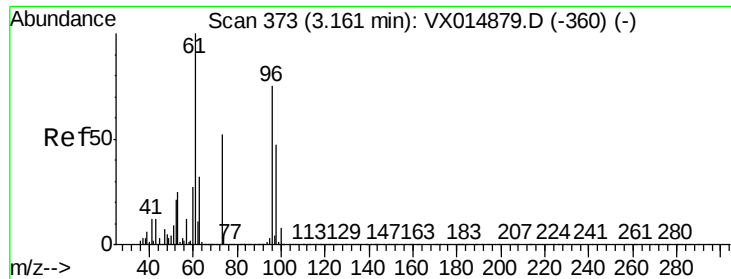
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#20
Methylene Chloride
Concen: 46.417 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	95.6	143.4
51	38.0	29.0	43.6
86	65.2	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 47.014 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

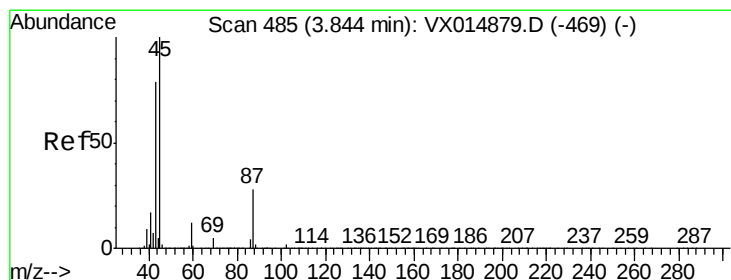
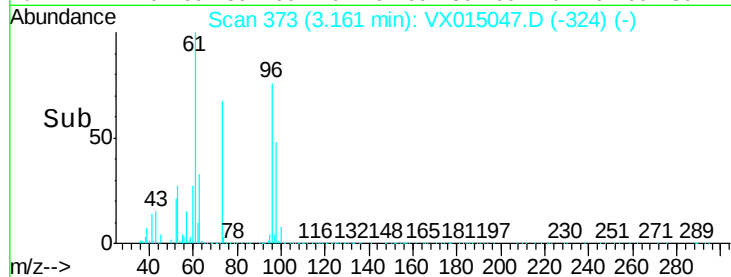
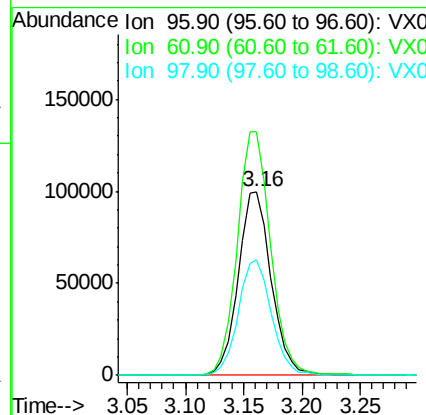
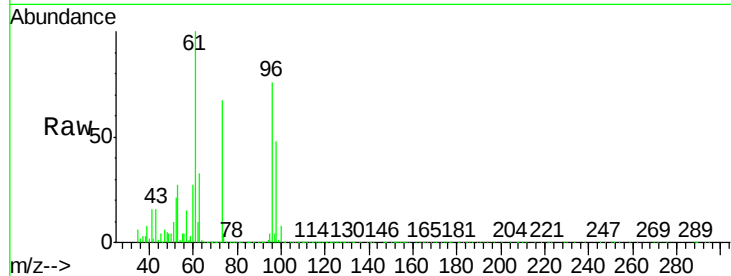
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	197191
Ion Ratio	Lower	Upper	
96	100		
61	132.1	106.9	160.3
98	62.8	50.7	76.1

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#22

Diisopropyl ether

Concen: 52.659 ug/l

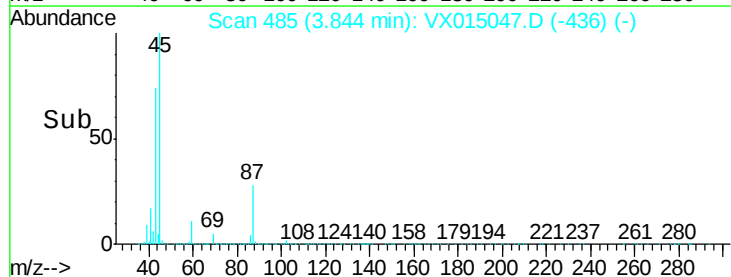
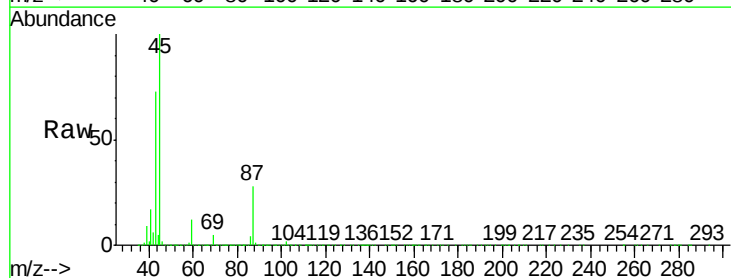
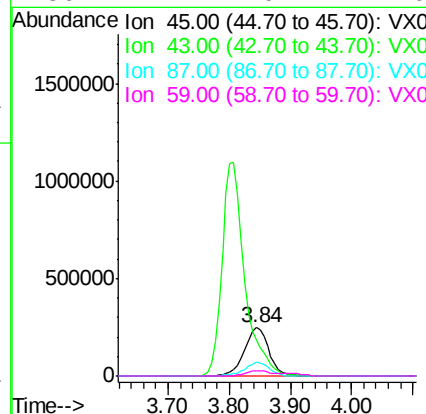
RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	45	Resp:	677799
Ion Ratio	Lower	Upper	
45	100		
43	73.4	63.5	95.3
87	28.1	22.2	33.4
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 268.931 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2853554

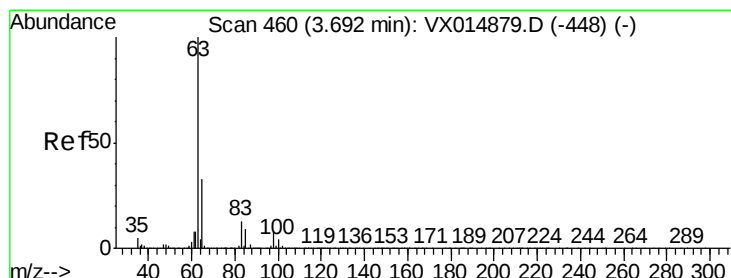
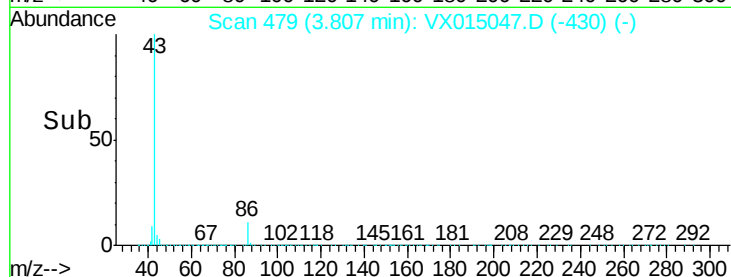
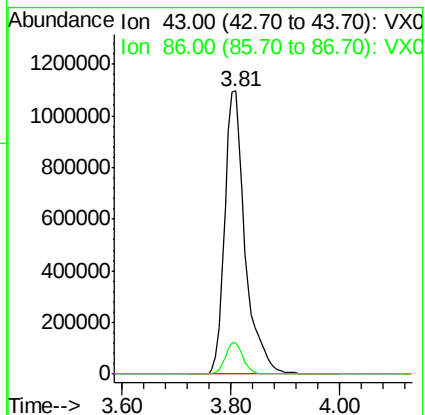
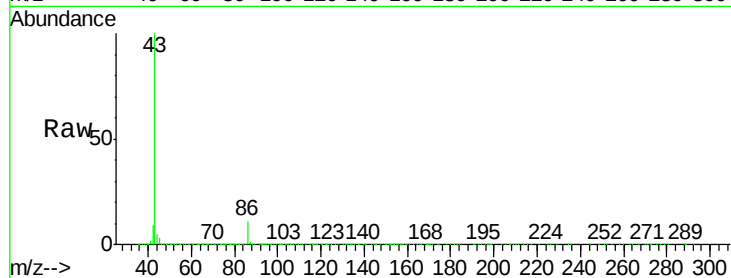
Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3

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2/28/2020 11:28:57 AM



#24

1,1-Dichloroethane

Concen: 50.100 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

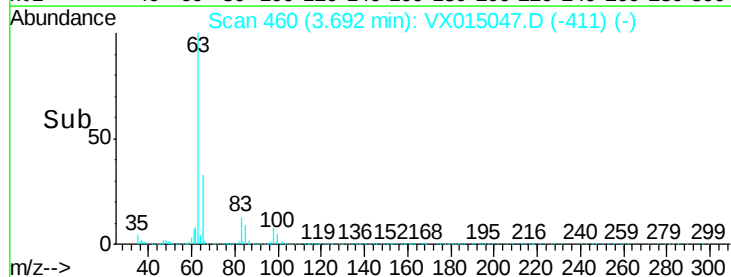
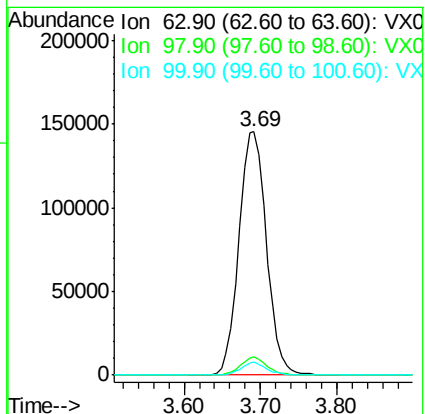
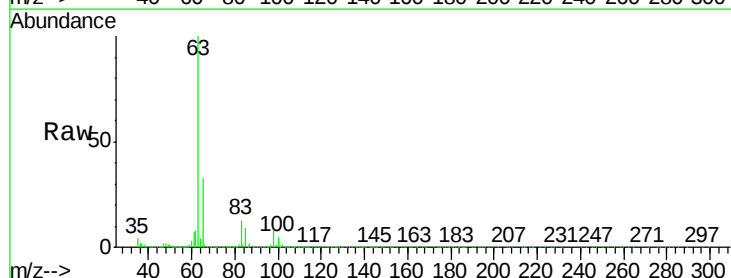
Tgt Ion: 63 Resp: 363952

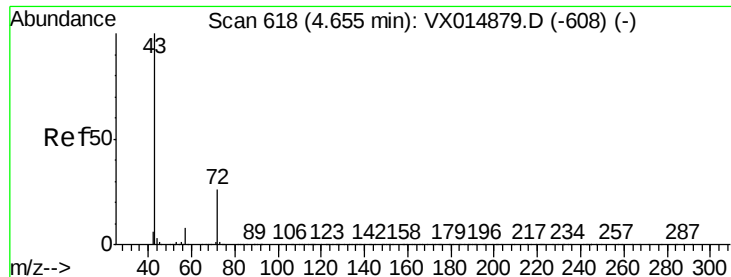
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 5.2 2.2 6.6





#25

2-Butanone

Concen: 242.364 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 772248

Ion Ratio Lower Upper

43 100

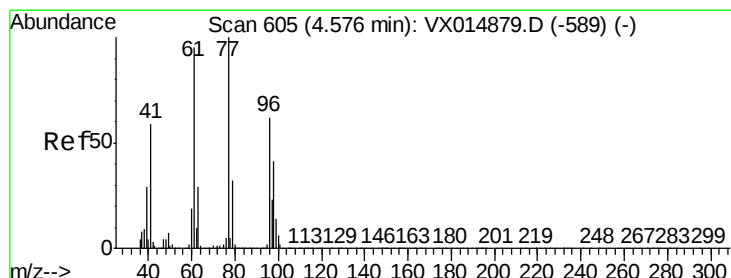
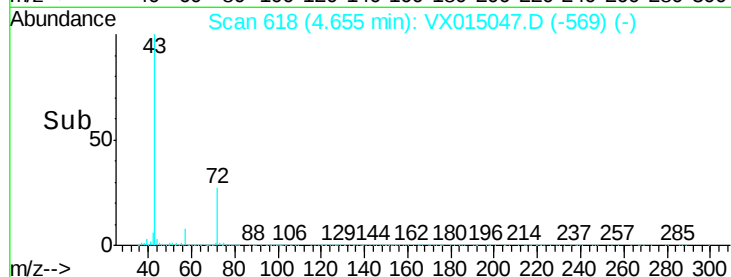
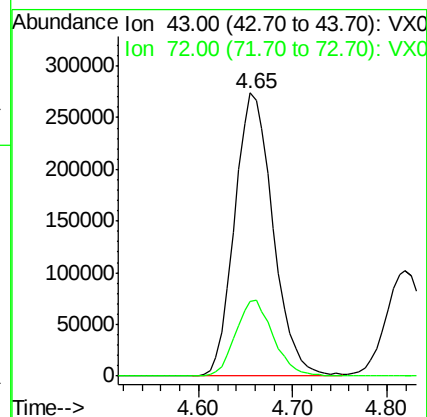
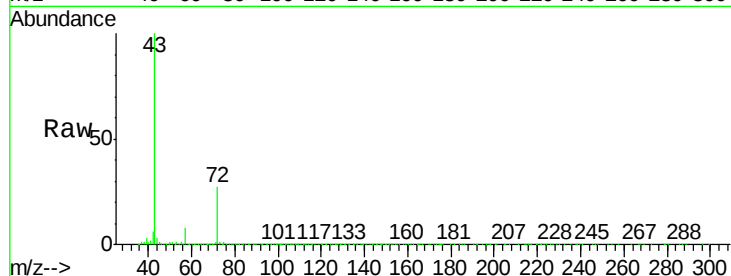
72 26.4 21.0 31.6

Manual Integrations

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2/28/2020 11:28:57 AM



#26

2,2-Dichloropropane

Concen: 45.616 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015047.D

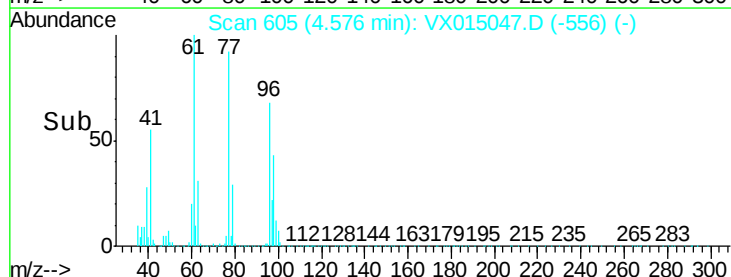
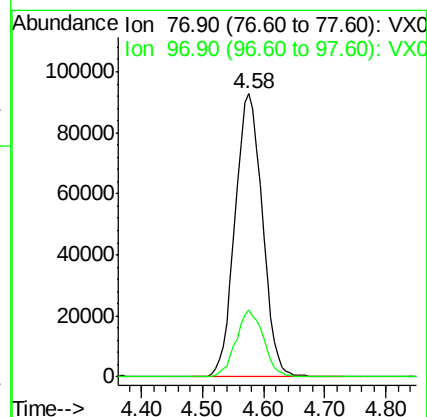
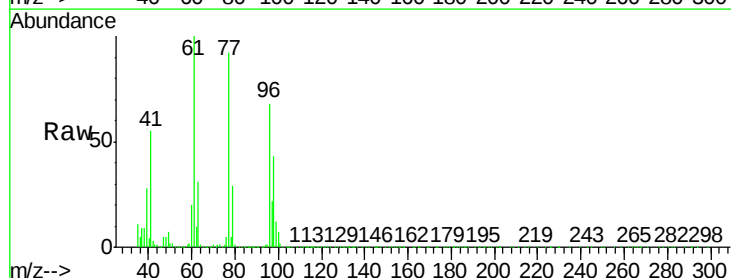
Acq: 27 Feb 2020 14:51

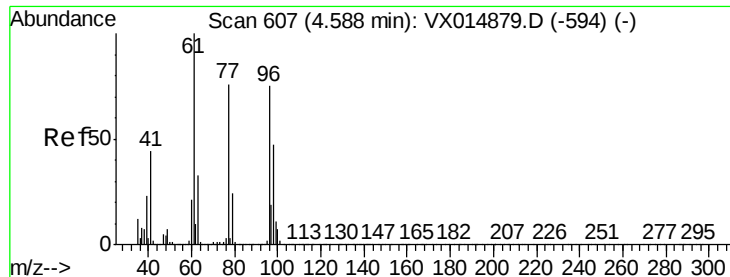
Tgt Ion: 77 Resp: 285578

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5





#27

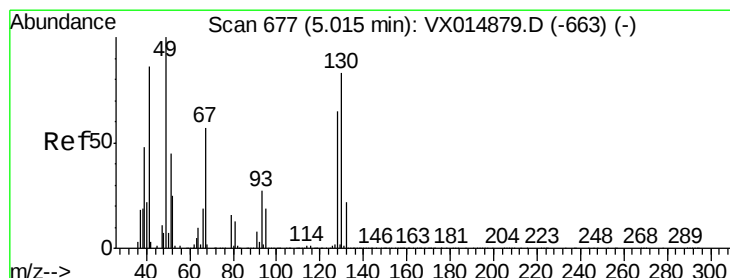
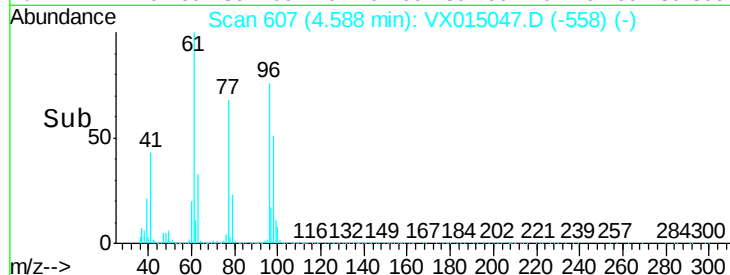
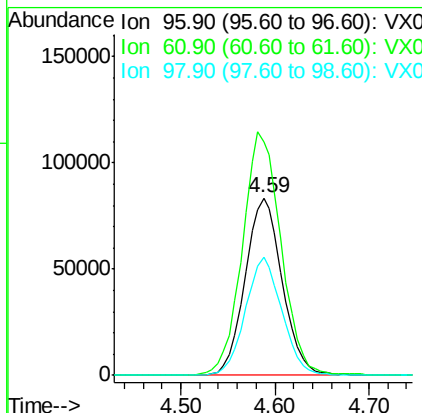
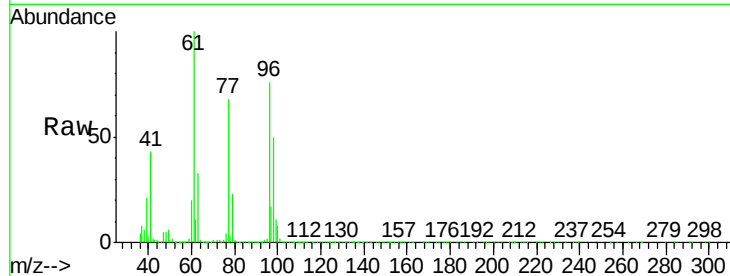
cis-1,2-Dichloroethene
Concen: 48.961 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	229554		
61	143.1	0.0	286.2	
98	65.6	0.0	131.0	

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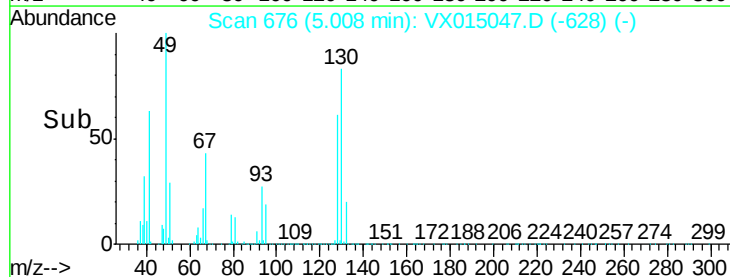
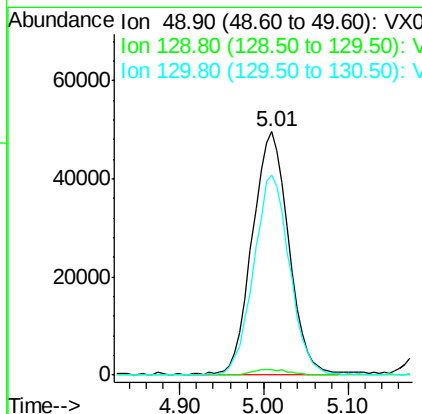
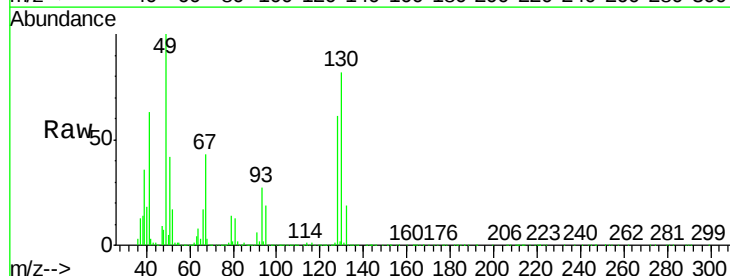
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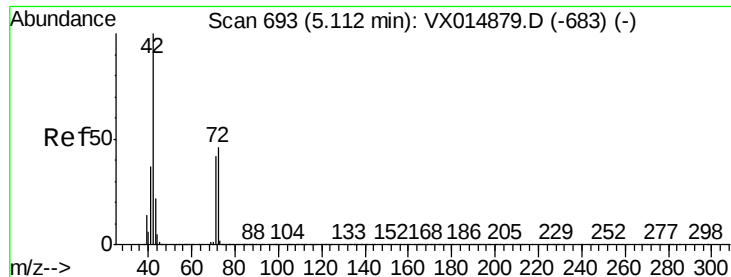


#28

Bromochloromethane
Concen: 51.842 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	145974		
129	2.5	0.0	5.2	
130	81.7	67.4	101.2	





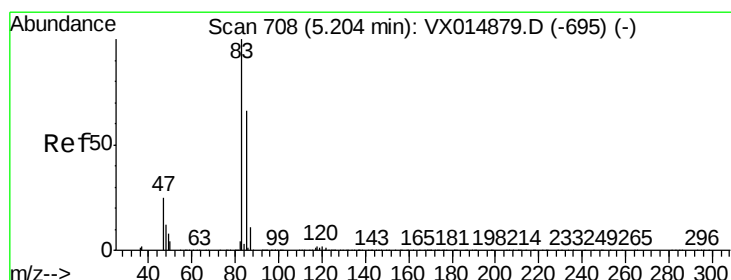
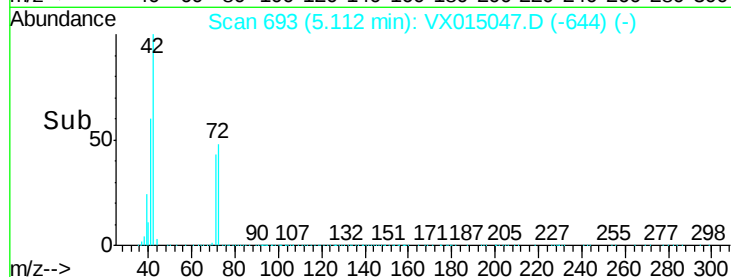
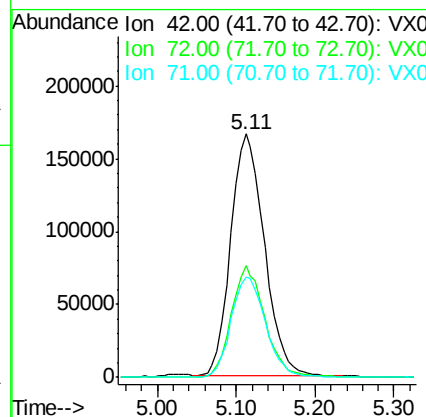
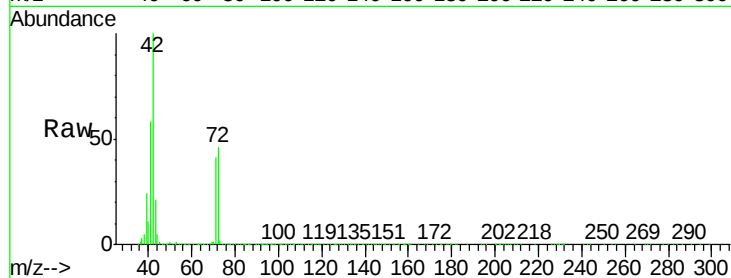
#29
Tetrahydrofuran
Concen: 273.159 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	494777		
72	72	46.2	36.9	55.3	
71	71	42.1	34.1	51.1	

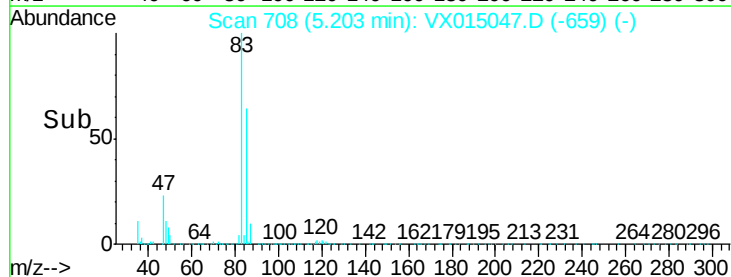
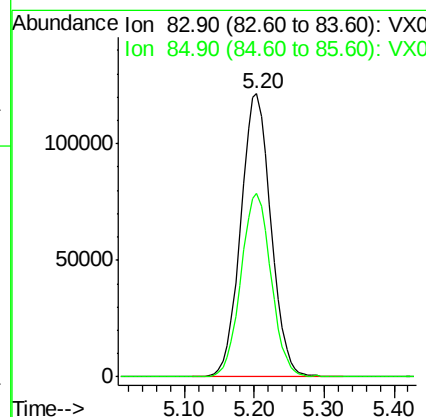
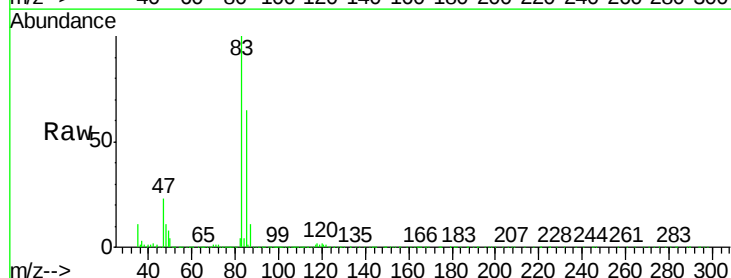
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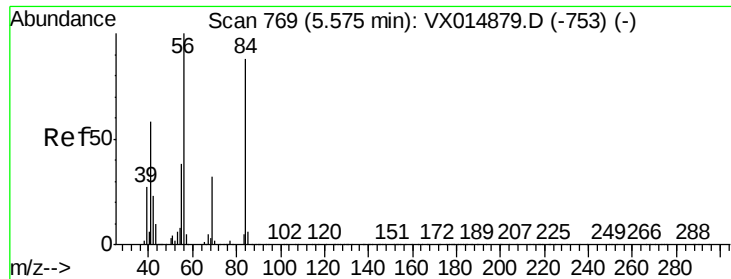
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#30
Chloroform
Concen: 50.305 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	362569		
85	85	64.9	52.9	79.3	





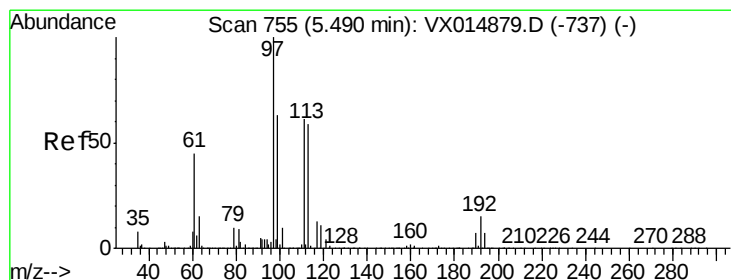
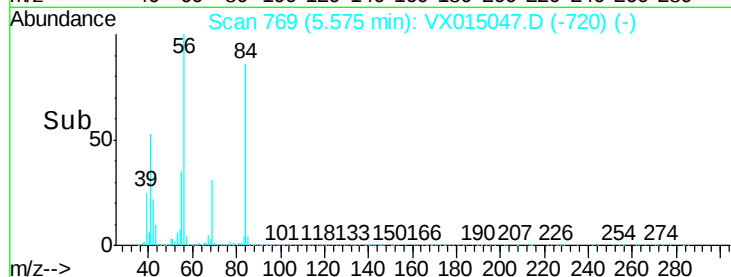
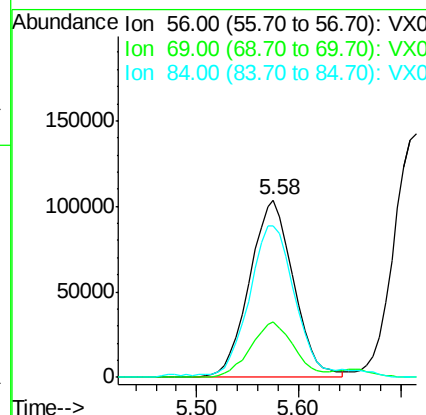
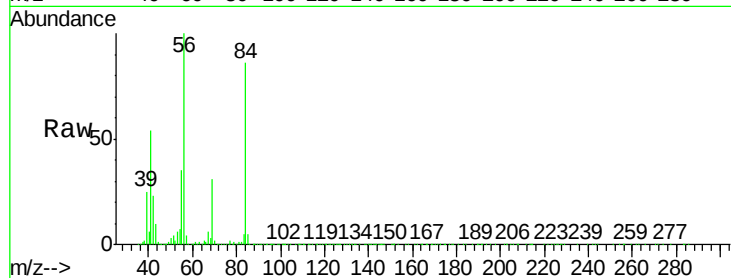
#31
Cyclohexane
Concen: 46.909 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.9	38.9
84	84.9	70.4	105.6

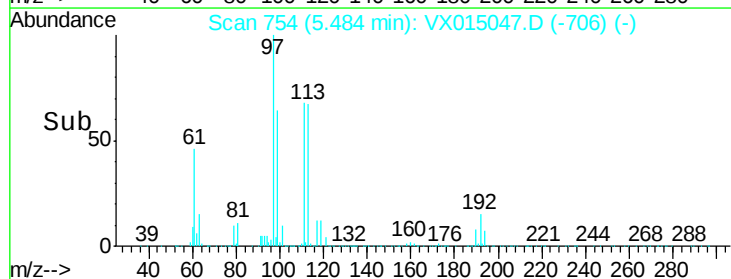
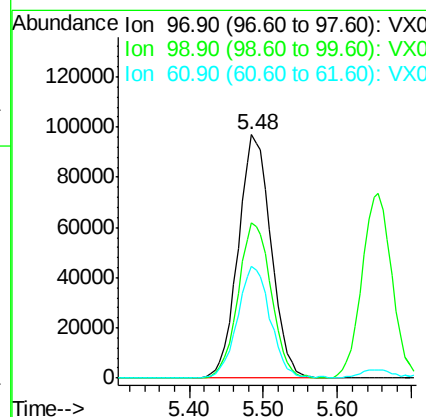
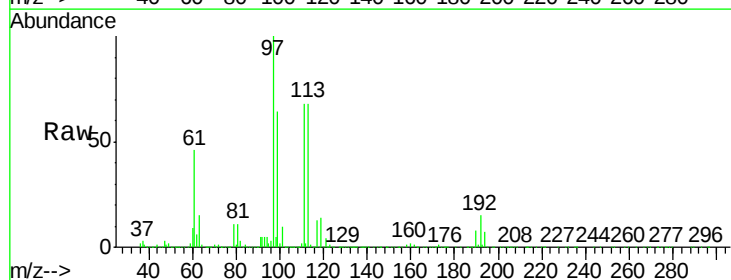
Manual Integrations
APPROVED

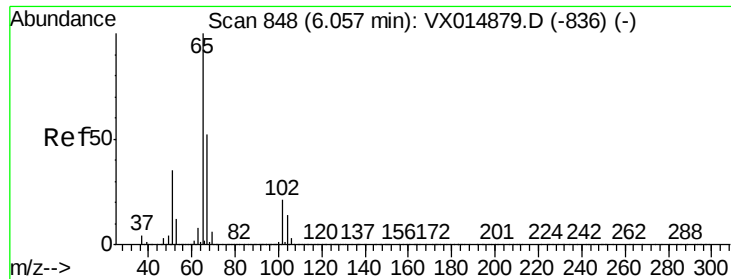
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#32
1,1,1-Trichloroethane
Concen: 47.355 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.6
61	45.6	36.3	54.5





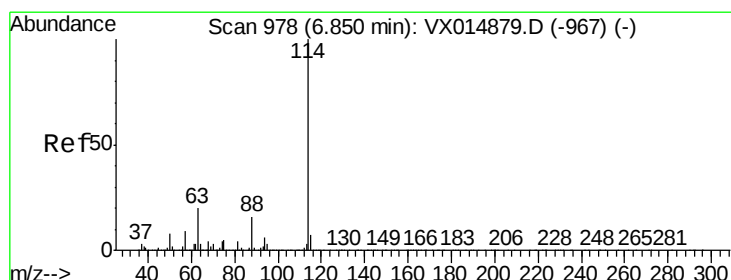
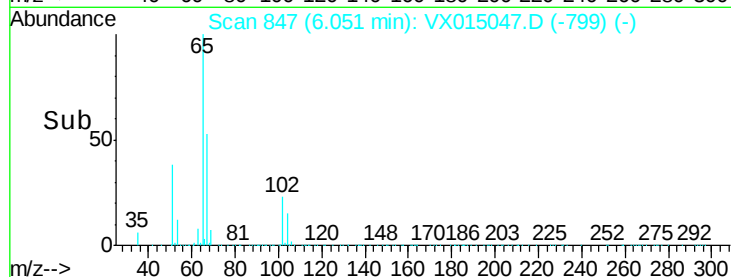
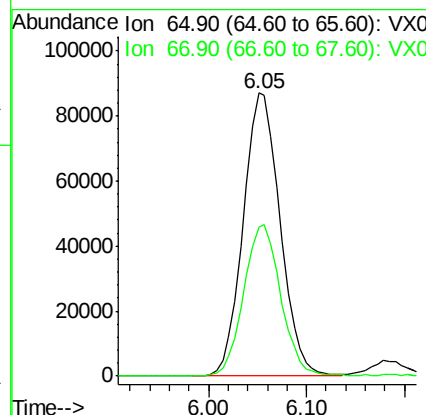
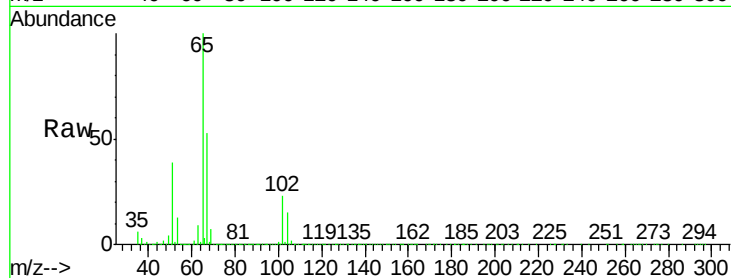
#33
 1,2-Dichloroethane-d4
 Concen: 48.677 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	227821		
67	54.0	0.0	103.0	

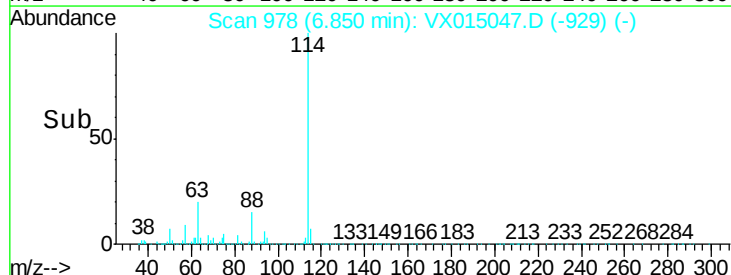
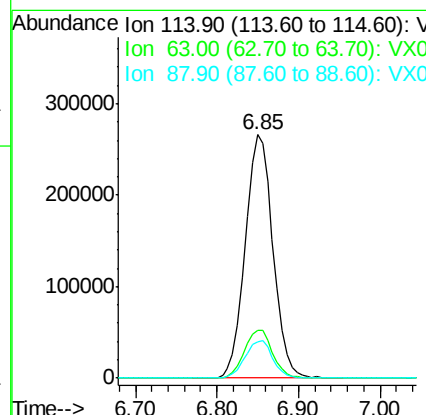
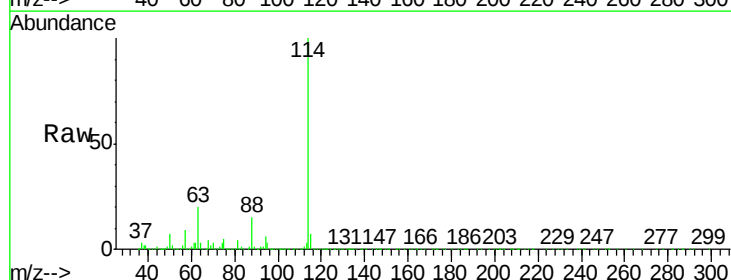
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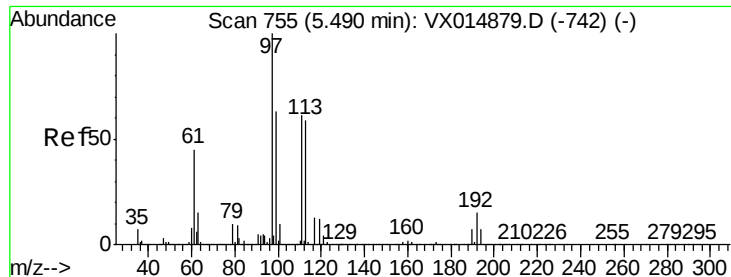
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	626990		
63	19.8	0.0	39.2	
88	15.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.529 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

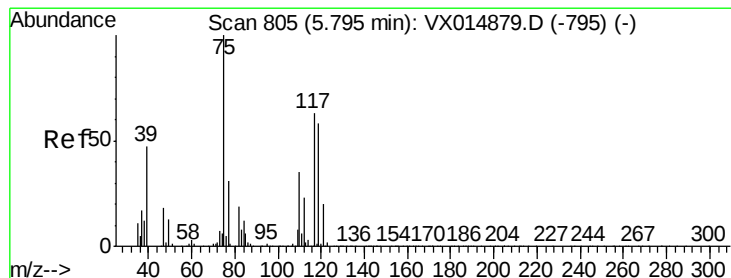
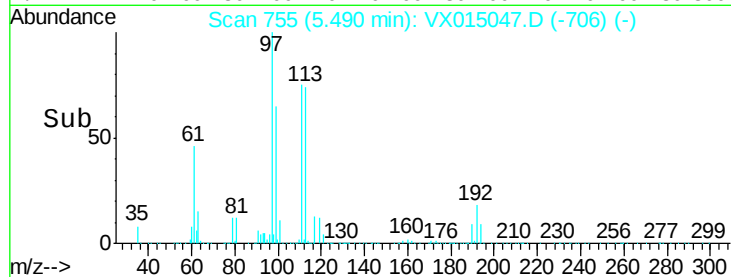
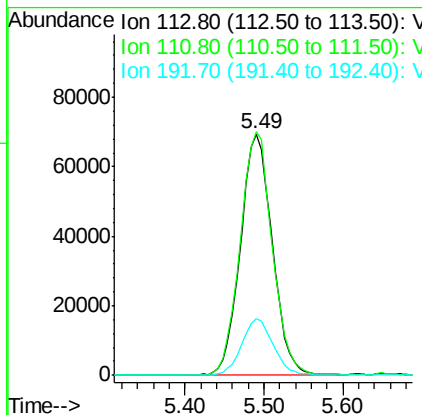
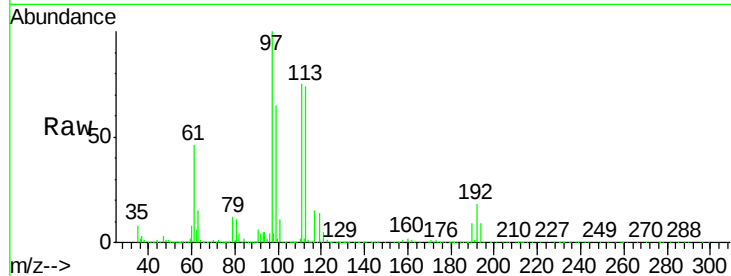
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	194768
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.4	123.6
192	23.4	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 47.110 ug/l

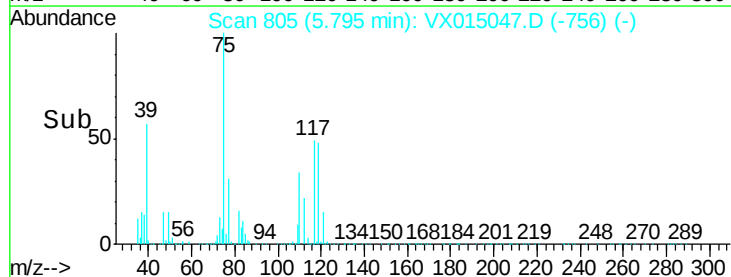
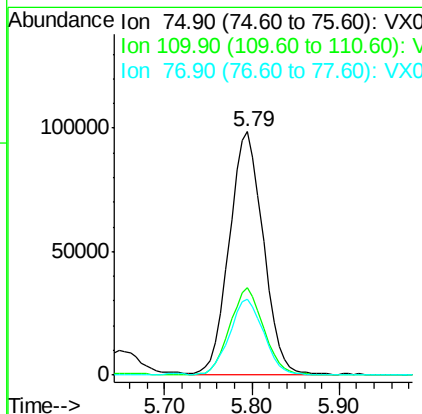
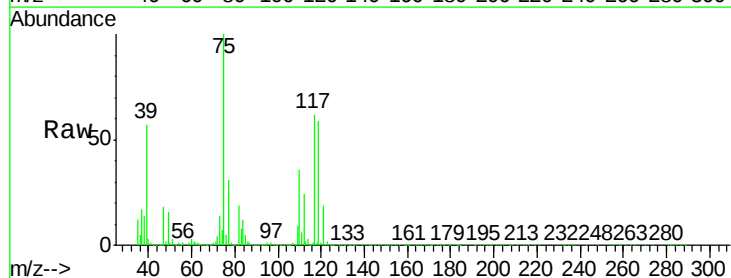
RT: 5.79 min Scan# 805

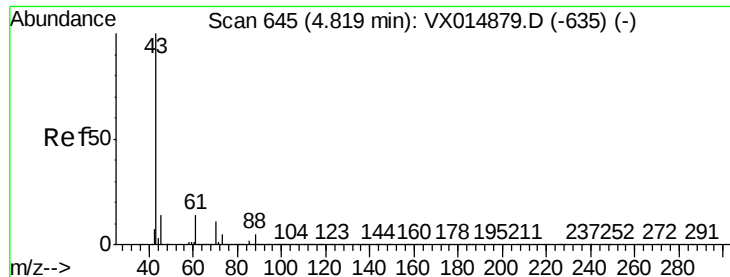
Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	75	Resp:	264224
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.3	54.8
77	31.1	24.6	36.8





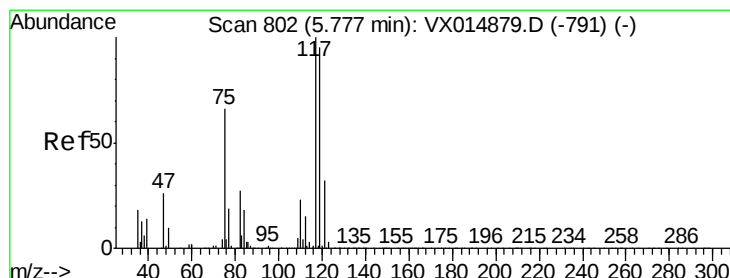
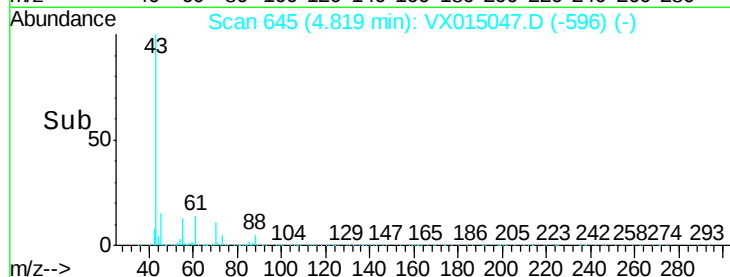
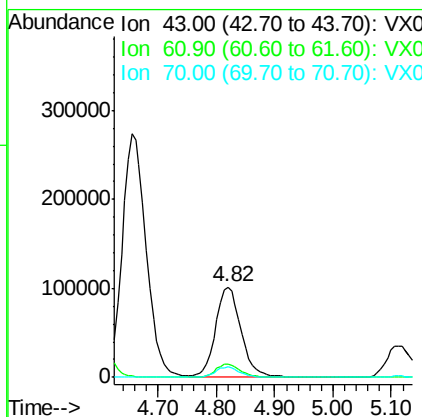
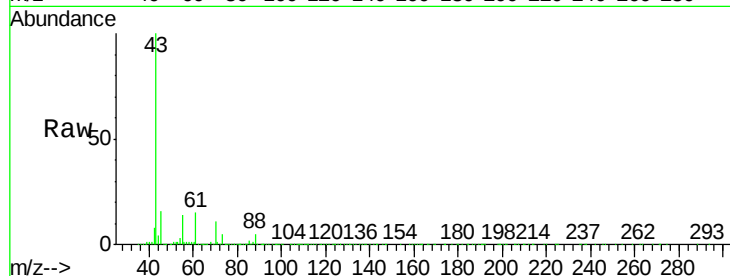
#37
Ethyl Acetate
Concen: 51.763 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	11.0	8.7	13.1

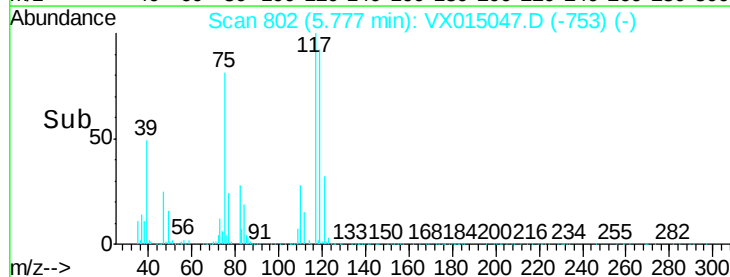
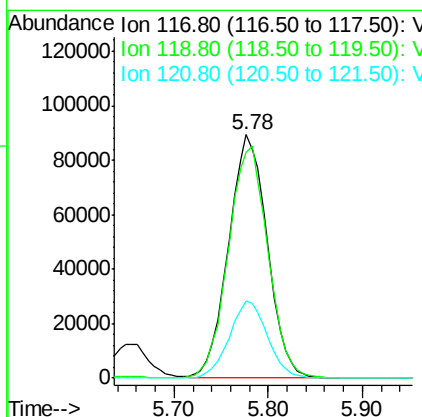
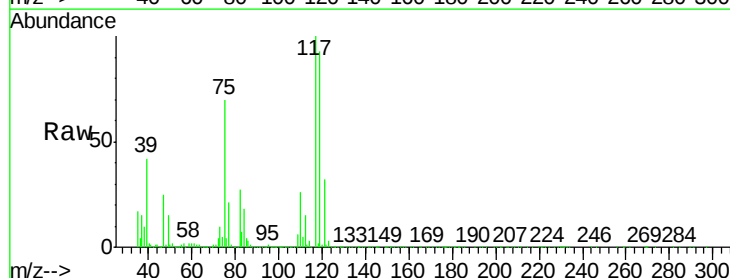
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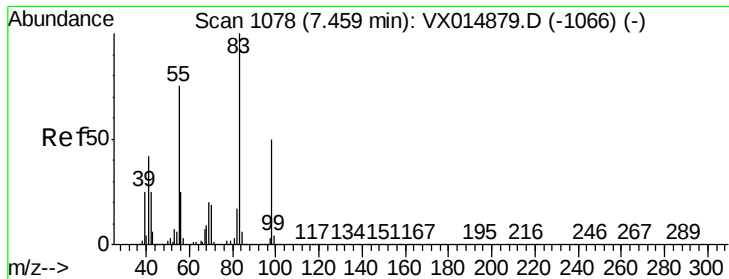
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#38
Carbon Tetrachloride
Concen: 46.696 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.0	114.0
121	31.6	25.4	38.2





#39

Methvlcvclohexane

Concen: 45.679 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

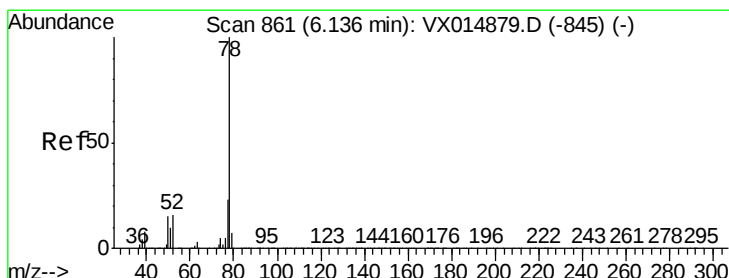
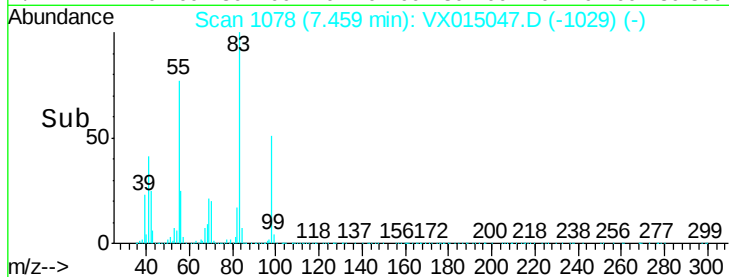
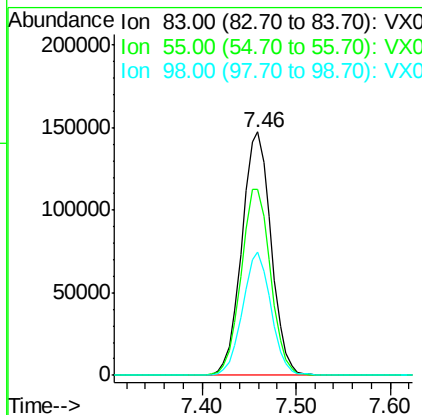
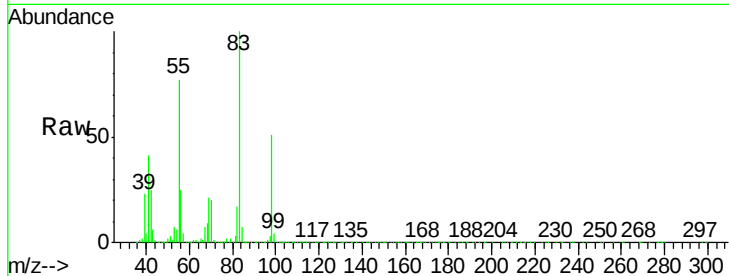
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	320407
Ion Ratio	Lower	Upper	
83	100		
55	76.5	60.0	90.0
98	50.7	39.6	59.4

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#40

Benzene

Concen: 49.054 ug/l

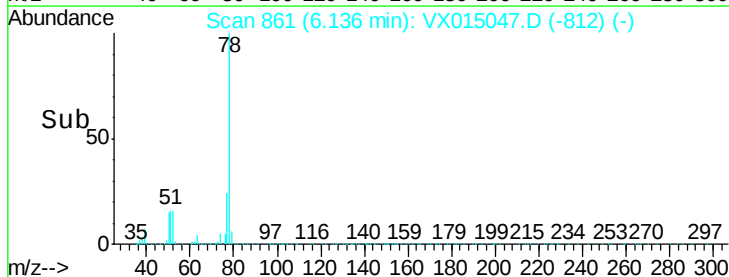
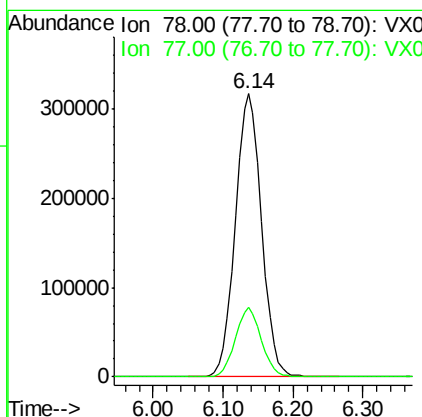
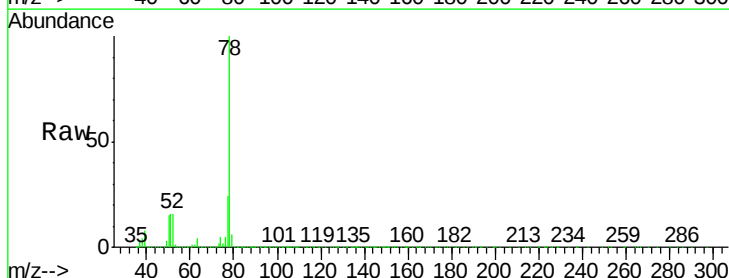
RT: 6.14 min Scan# 861

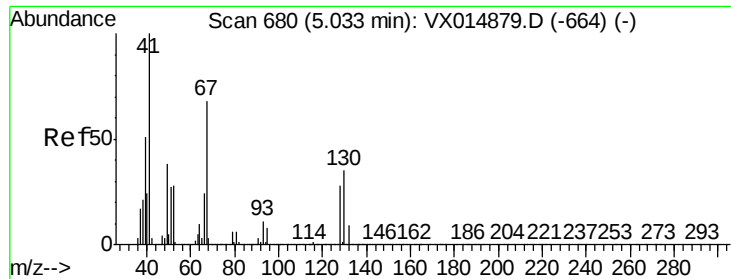
Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	78	Resp:	822032
Ion Ratio	Lower	Upper	
78	100		
77	24.5	18.8	28.2





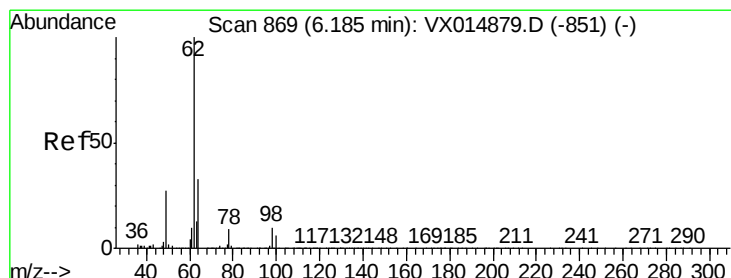
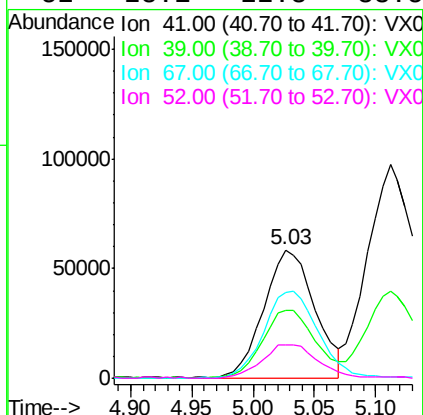
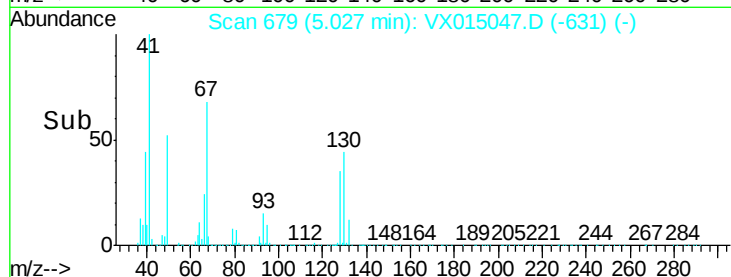
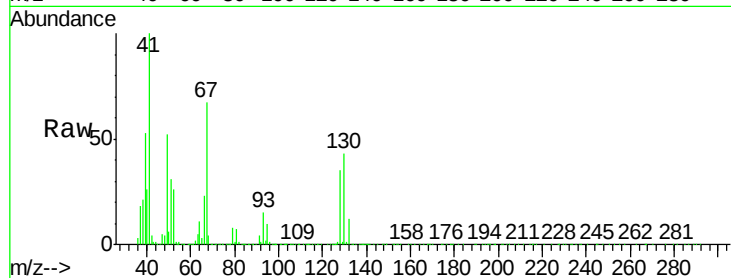
#41
Methacrylonitrile
Concen: 53.355 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.1	44.7	67.1		
67	74.3	56.6	84.8		
52	28.1	22.3	33.5		

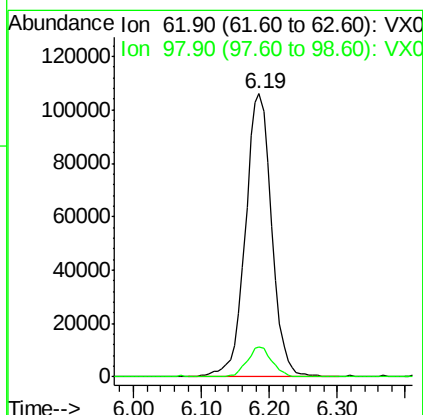
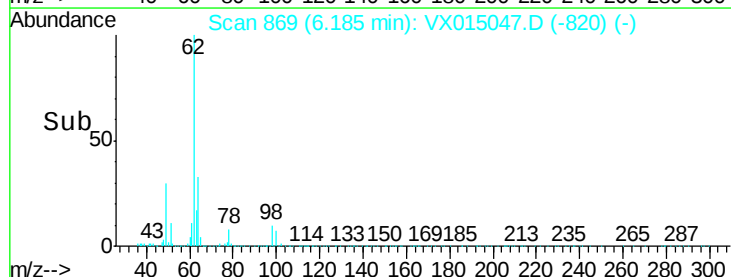
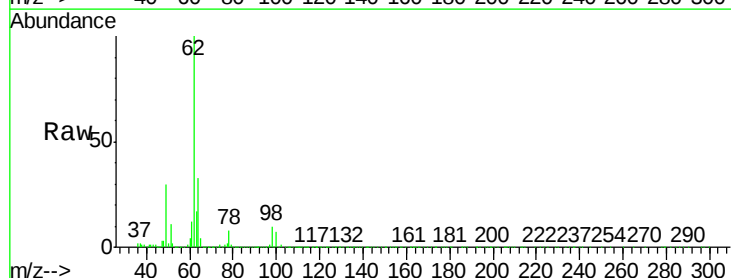
Manual Integrations
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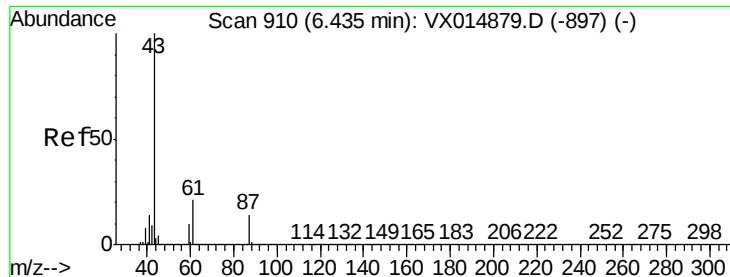
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.748 ug/l
RT: 6.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.8	0.0	19.2		





#43

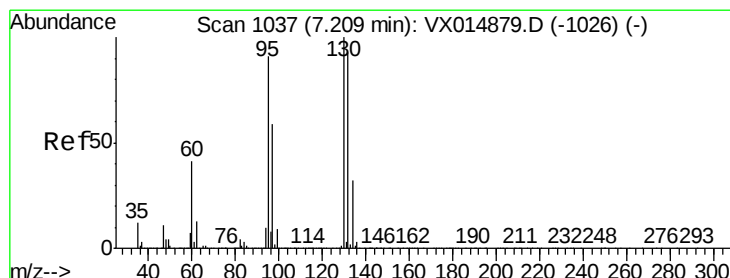
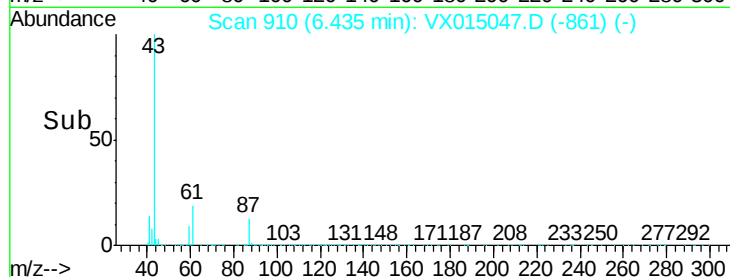
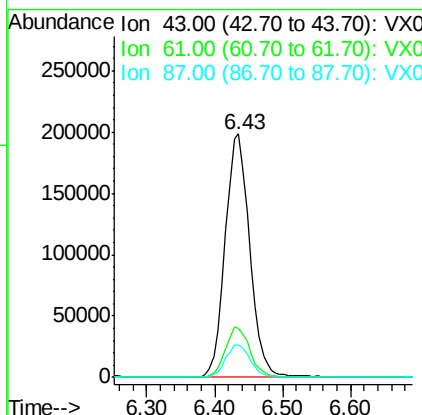
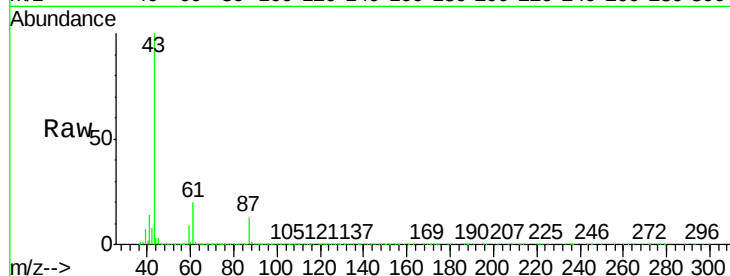
Isopropyl Acetate
 Concen: 51.256 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	494610
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.2	24.4
87	13.5	11.0	16.6

Manual Integrations
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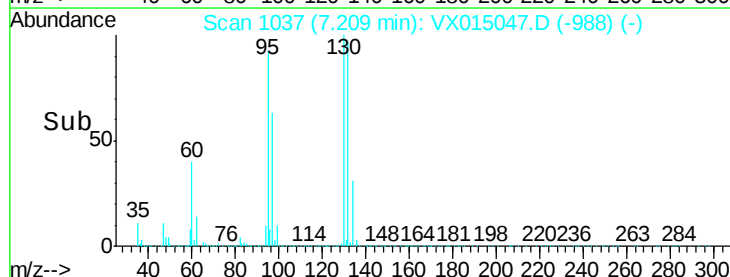
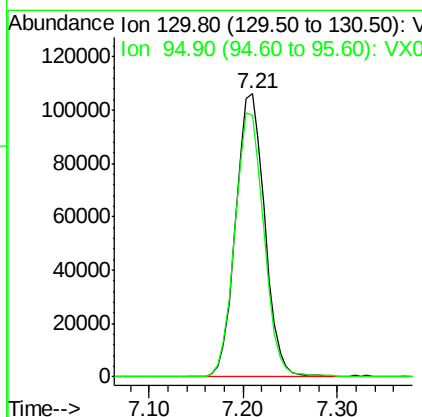
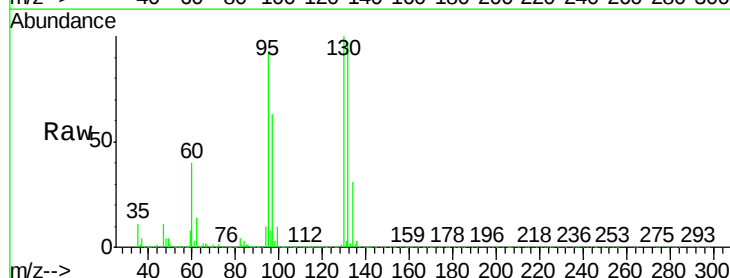
MMDadoda
 2/28/2020 11:28:57 AM

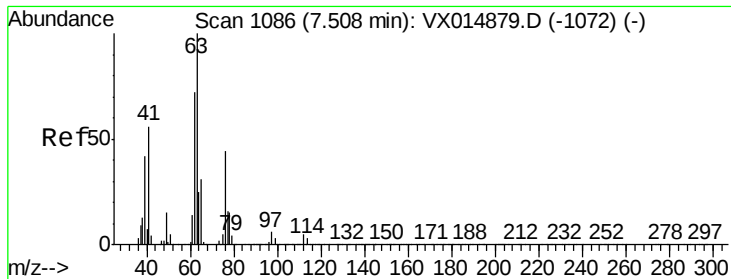


#44

Trichloroethene
 Concen: 46.911 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Tgt Ion:	130	Resp:	228209
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	182.6





#45

1,2-Dichloropropane

Concen: 51.060 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 218217

Ion Ratio Lower Upper

63 100

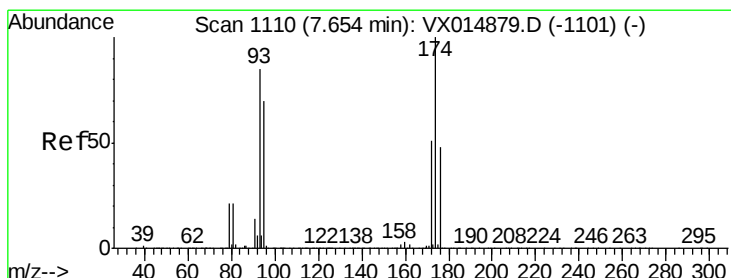
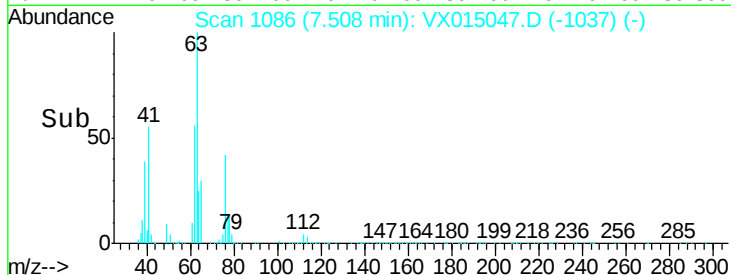
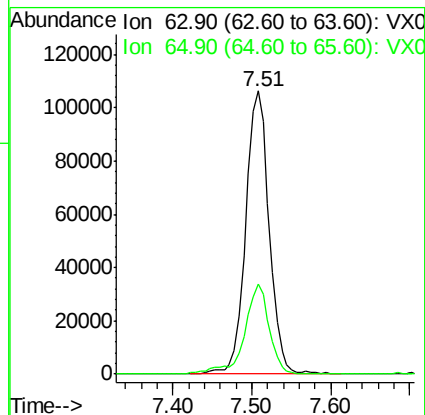
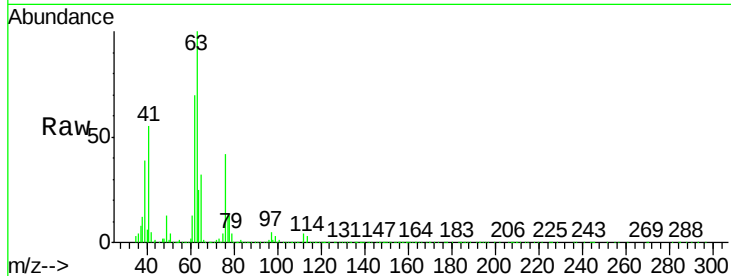
65 31.7 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 48.371 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

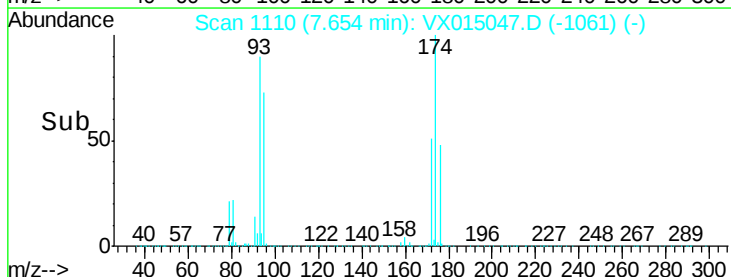
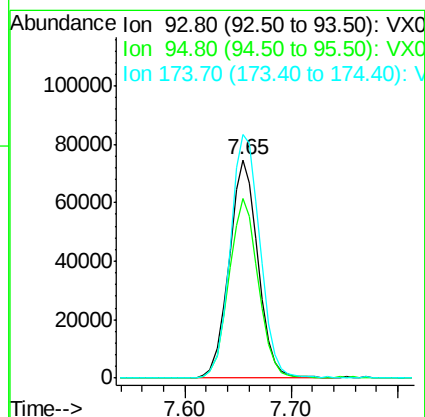
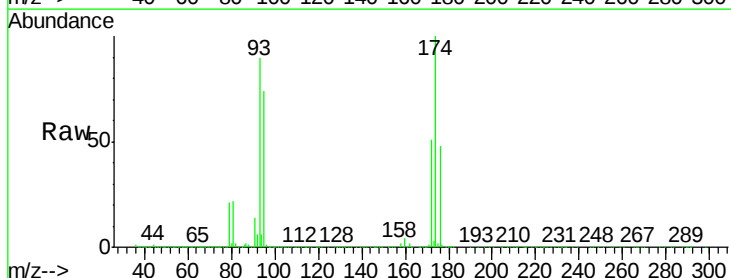
Tgt Ion: 93 Resp: 141307

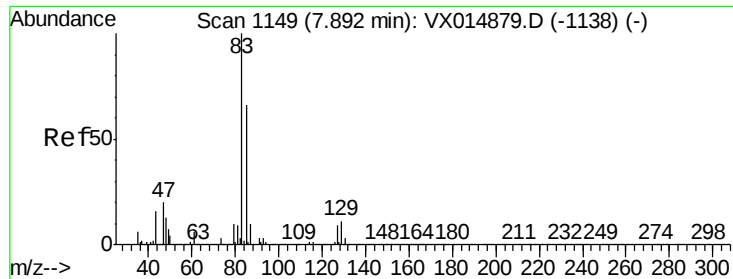
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 115.8 95.4 143.2





#47

Bromodichloromethane

Concen: 48.989 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

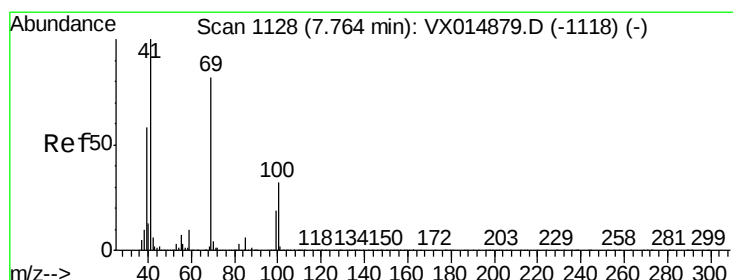
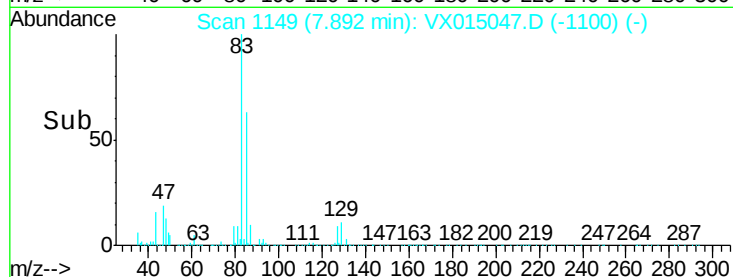
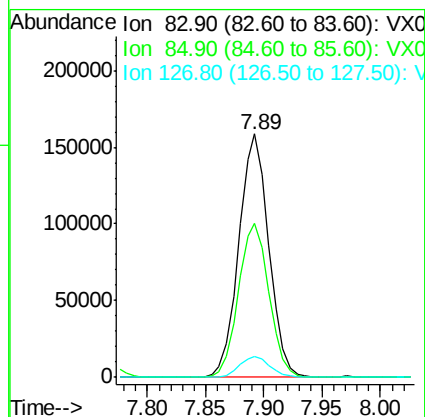
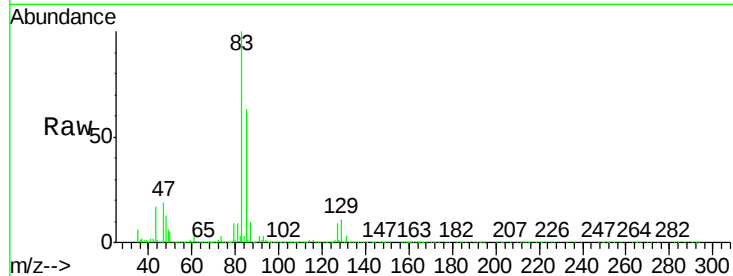
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	283757
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.5	78.7
127	8.5	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.273 ug/l

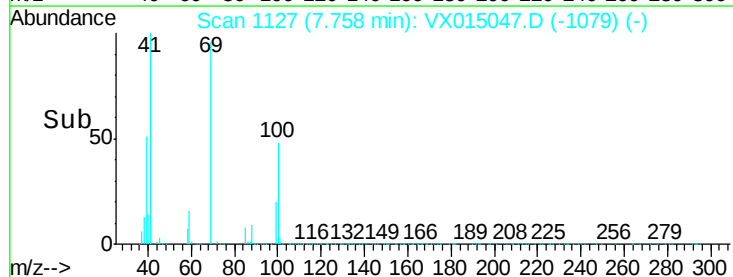
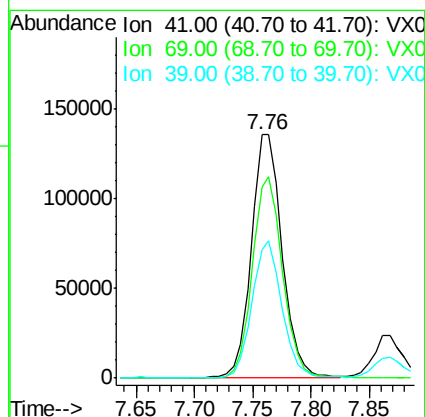
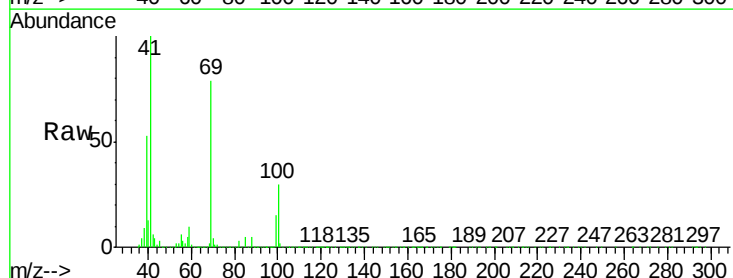
RT: 7.76 min Scan# 1127

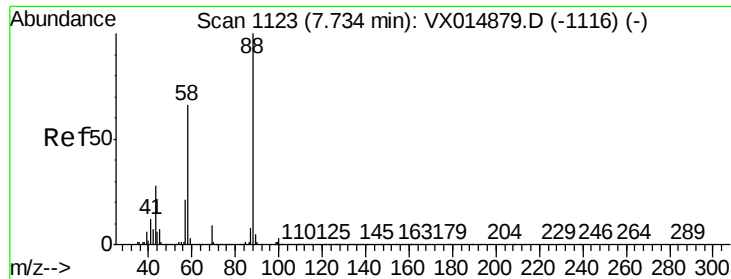
Delta R.T. -0.01 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	41	Resp:	248242
Ion Ratio	Lower	Upper	
41	100		
69	82.6	65.7	98.5
39	54.4	45.8	68.8





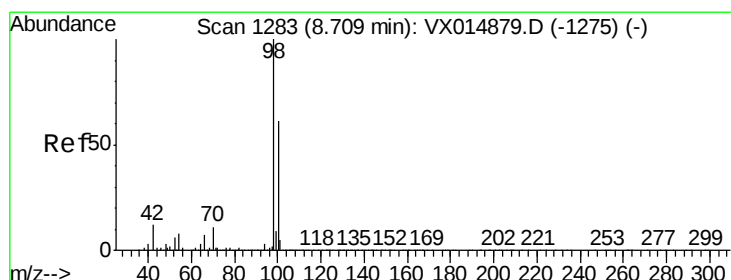
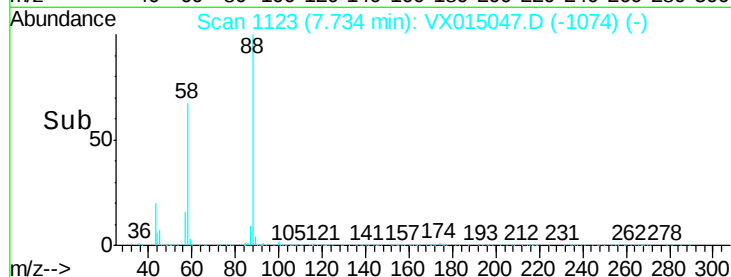
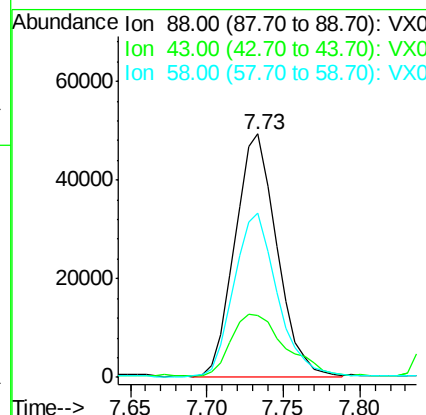
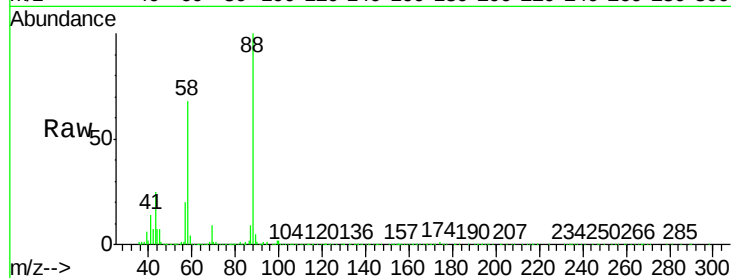
#49
1,4-Dioxane
Concen: 1052.634 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.0	40.4
58	70.9	53.2	79.8

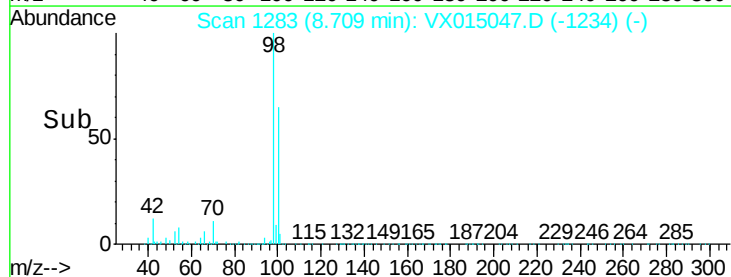
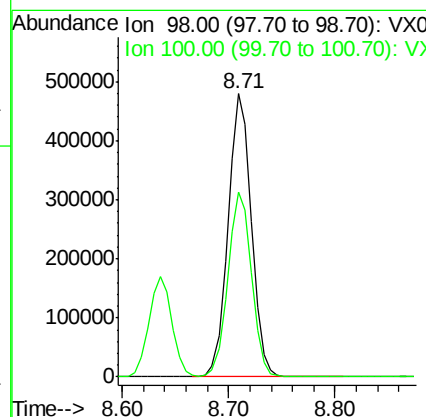
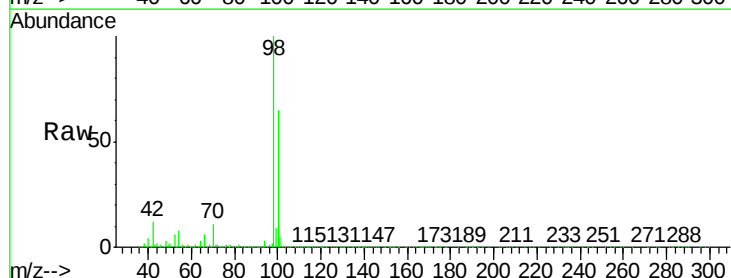
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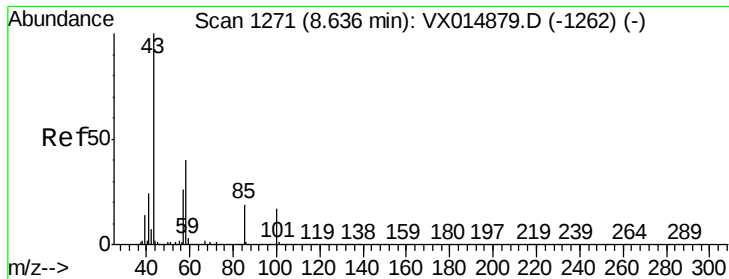
MMDadoda
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#50
Toluene-d8
Concen: 49.788 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





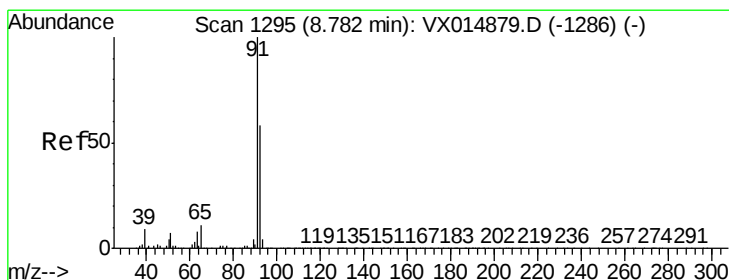
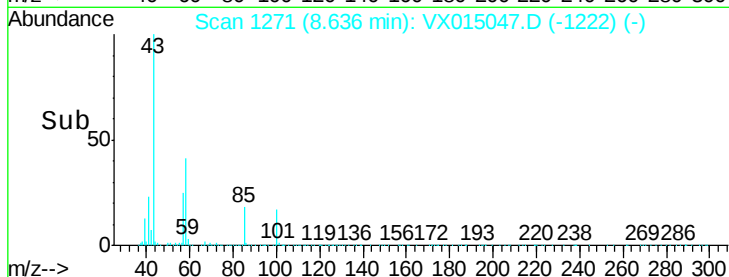
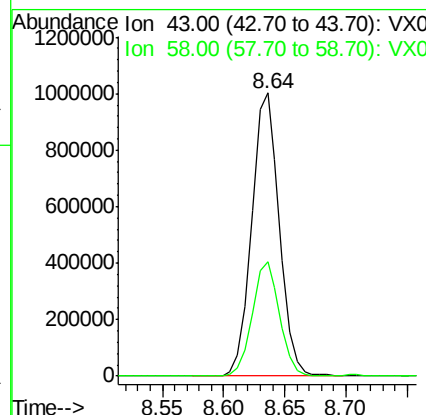
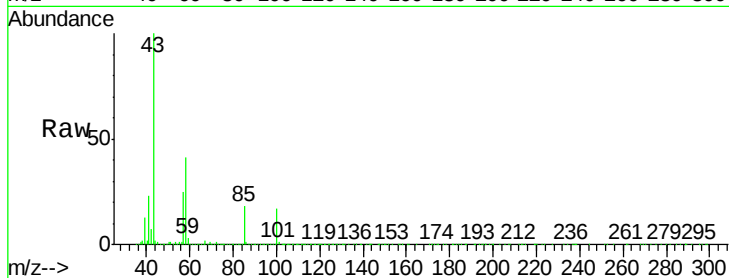
#51
4-Methyl-2-Pentanone
Concen: 269.438 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1569958
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

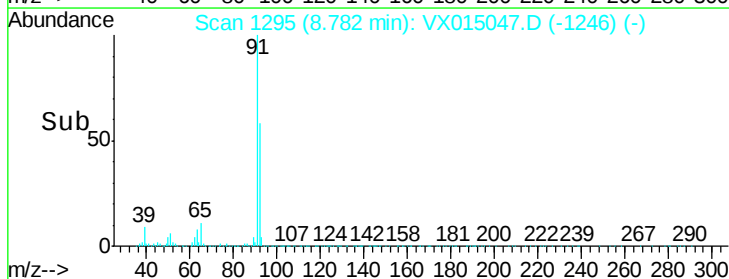
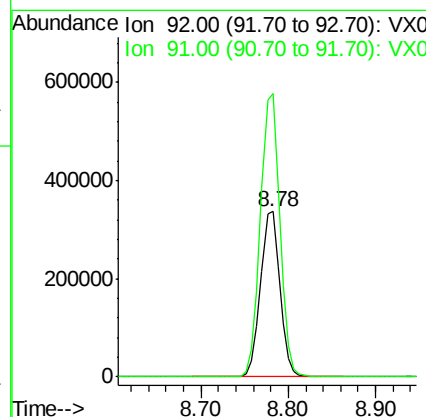
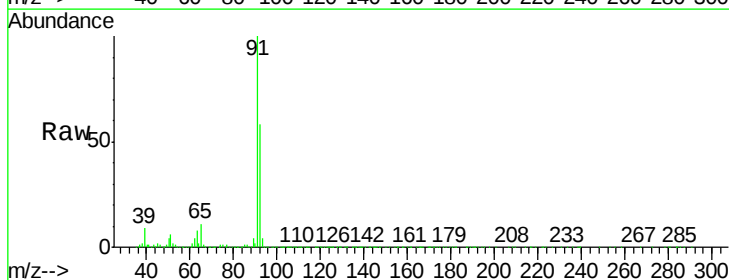
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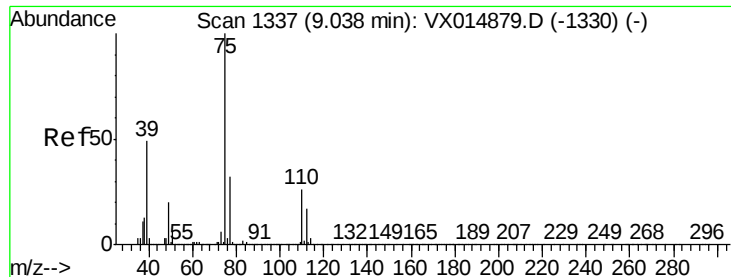
MMDadoda
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#52
Toluene
Concen: 48.650 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion: 92 Resp: 517801
Ion Ratio Lower Upper
92 100
91 171.8 137.0 205.4





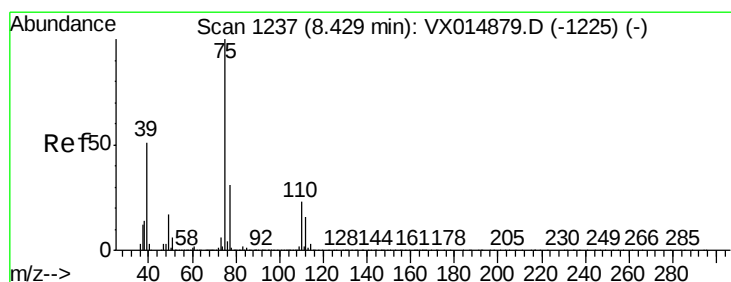
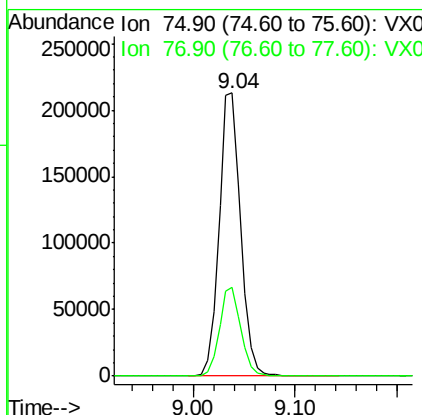
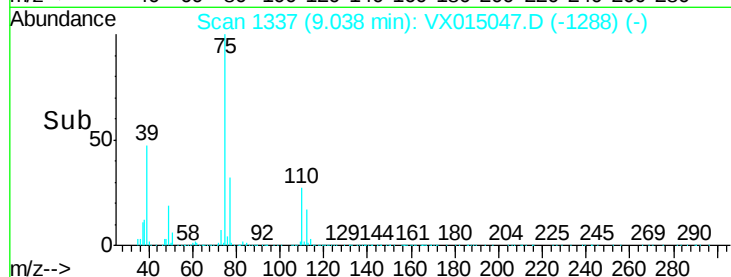
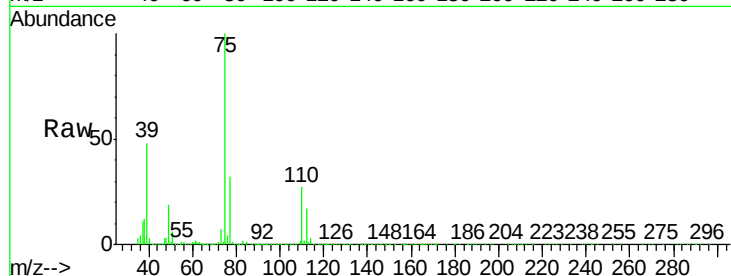
#53
t-1,3-Dichloropropene
Concen: 49.232 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3

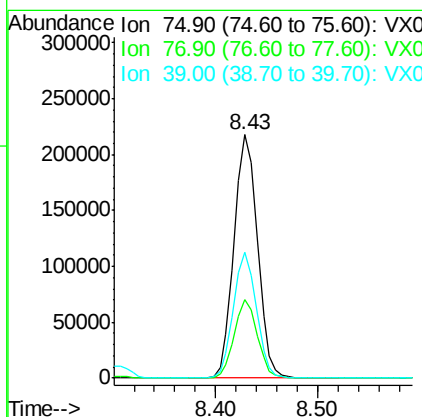
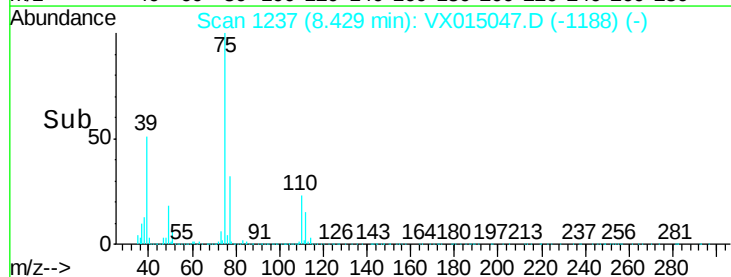
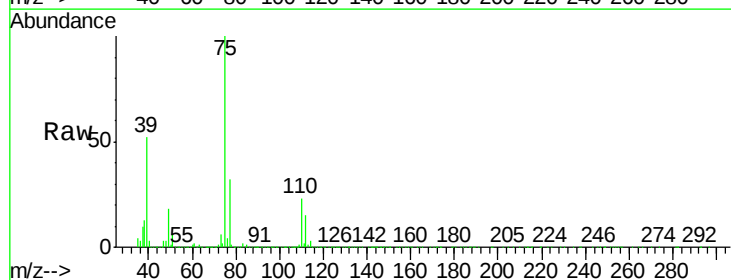
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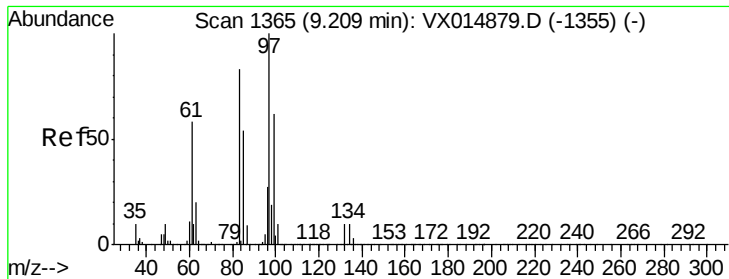
MMDadoda
2/28/2020 11:28:57 AM



#54
cis-1,3-Dichloropropene
Concen: 49.252 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.6	37.0
39	51.4	40.9	61.3





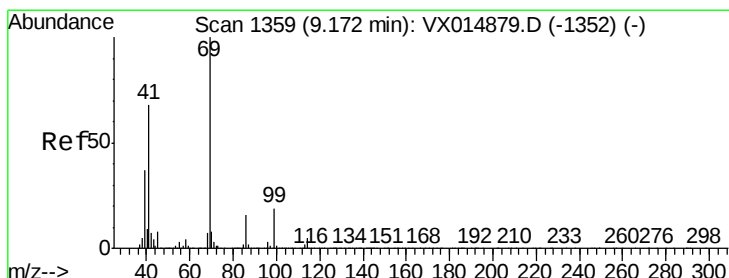
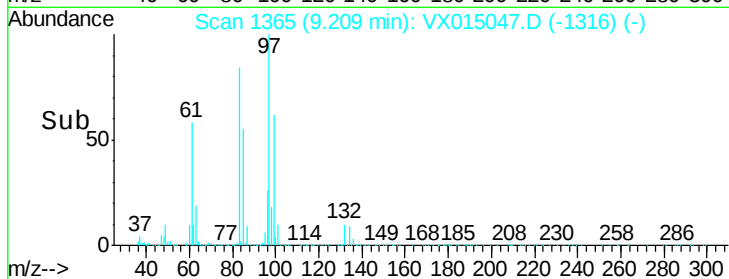
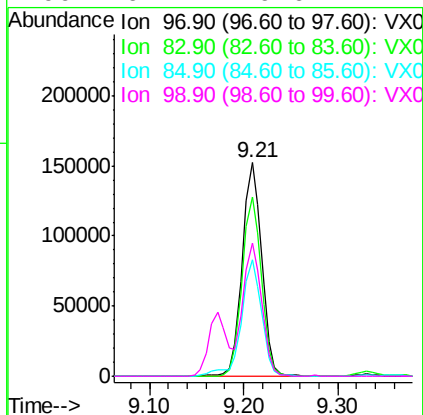
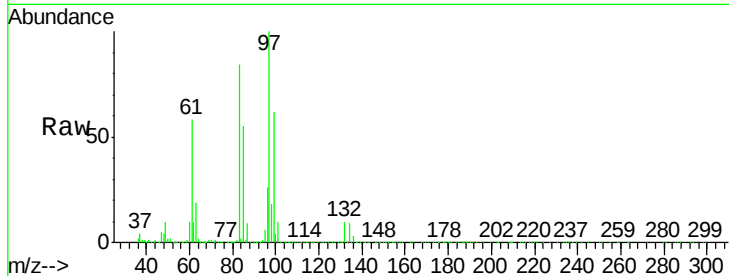
#55
 1,1,2-Trichloroethane
 Concen: 50.928 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		219302		
83	83.7	66.6	99.8		
85	54.6	43.5	65.3		
99	62.1	49.6	74.4		

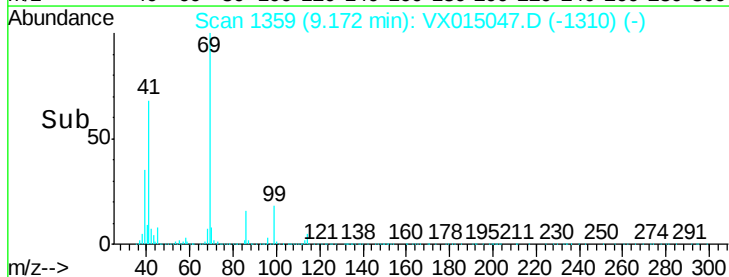
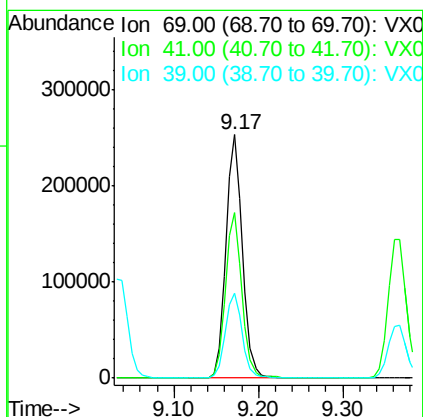
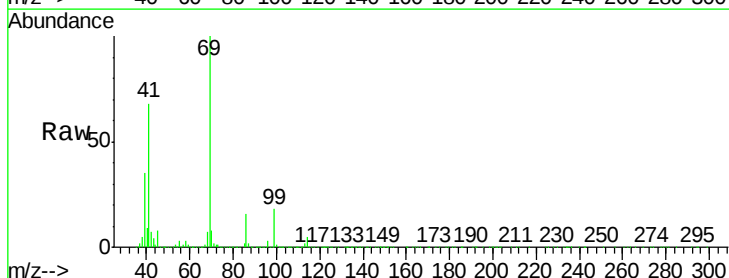
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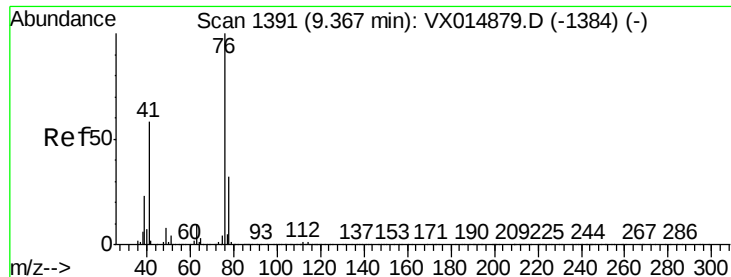
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#56
 Ethyl methacrylate
 Concen: 52.750 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		341421		
41	66.9	54.8	82.2		
39	35.4	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 49.876 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 361533

Ion Ratio Lower Upper

76 100

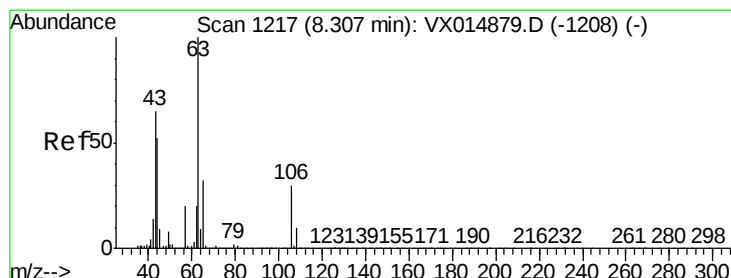
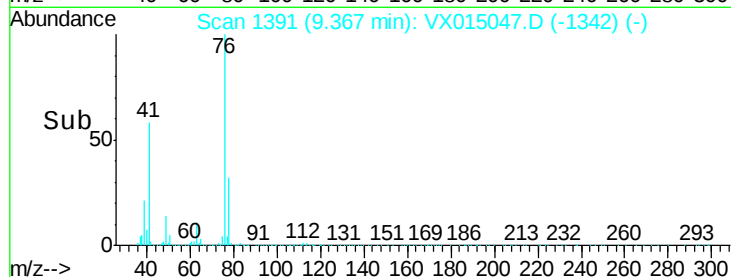
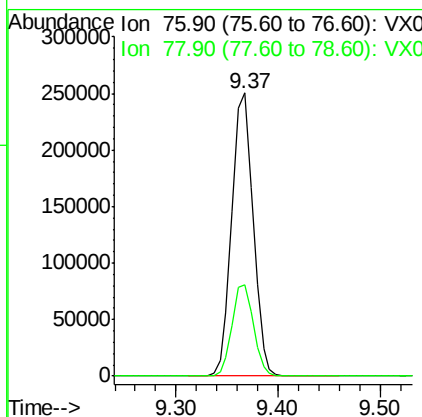
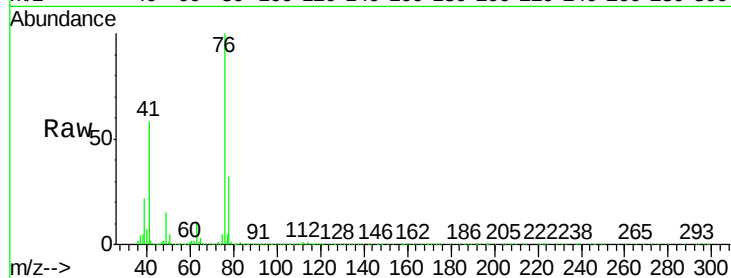
78 32.5 25.8 38.8

Manual Integrations

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2/28/2020 11:28:57 AM



#58

2-Chloroethyl Vinyl ether

Concen: 255.738 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015047.D

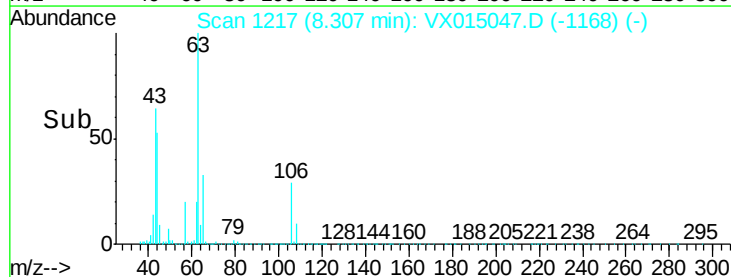
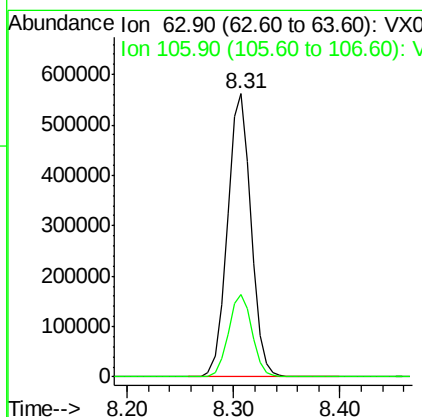
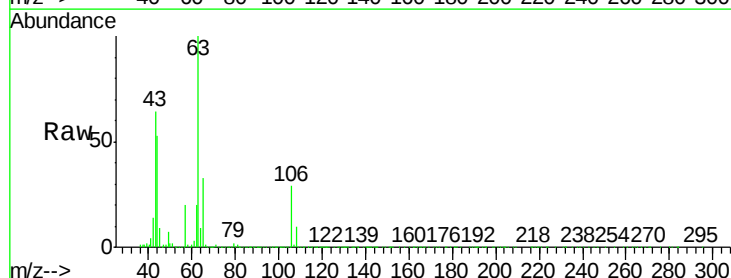
Acq: 27 Feb 2020 14:51

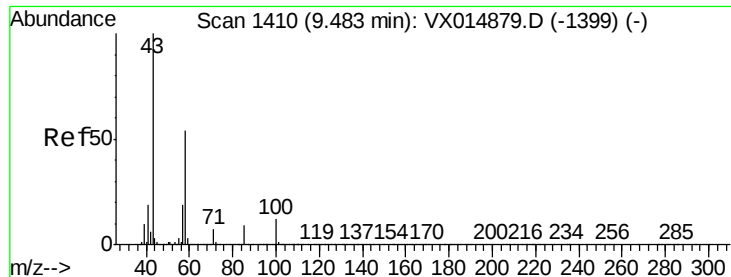
Tgt Ion: 63 Resp: 865667

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.8





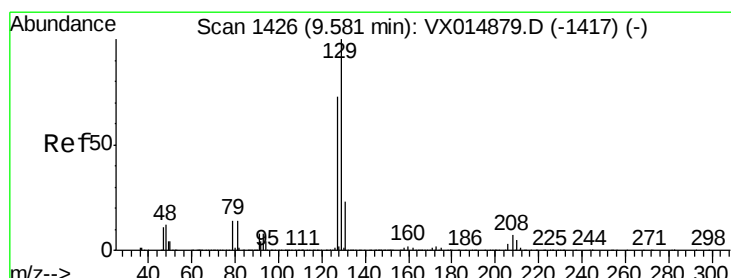
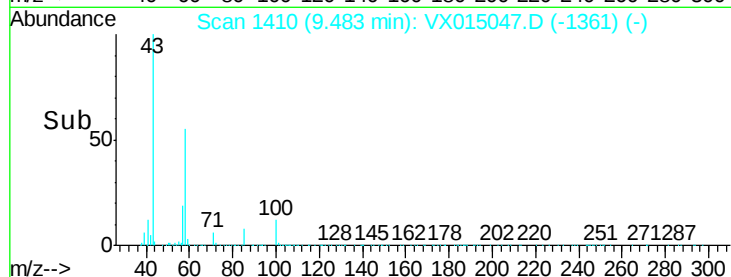
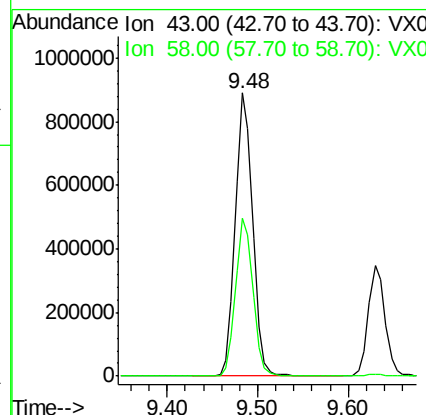
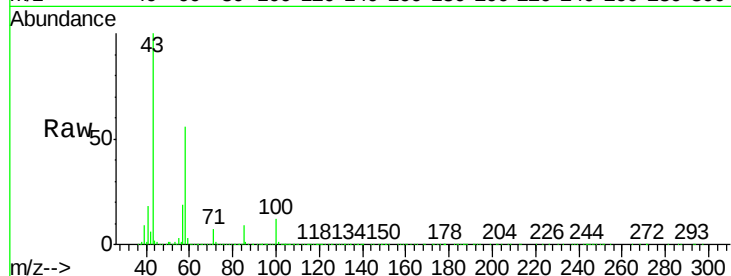
#59
2-Hexanone
Concen: 259.655 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1189202
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5

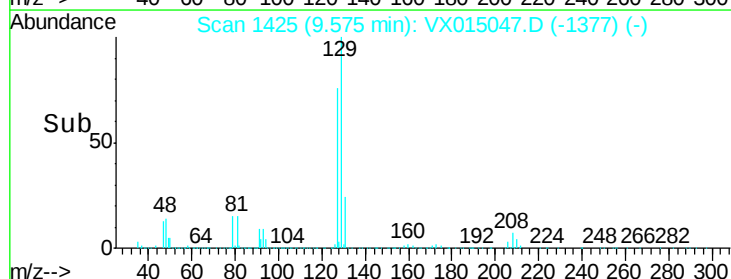
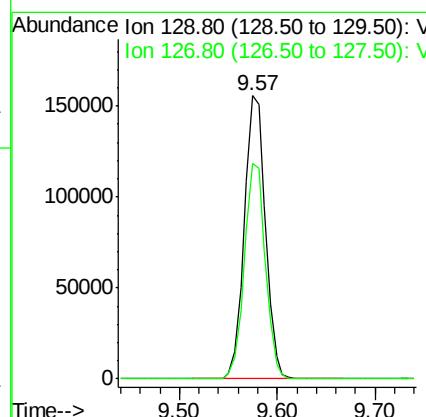
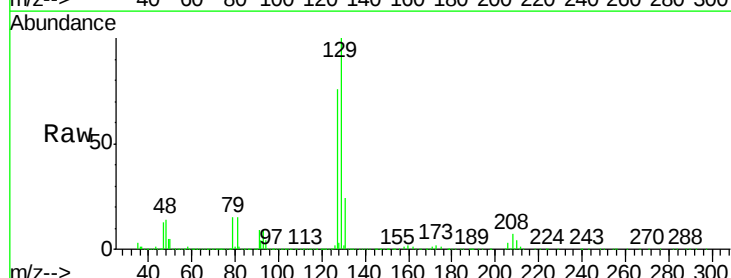
Manual Integrations
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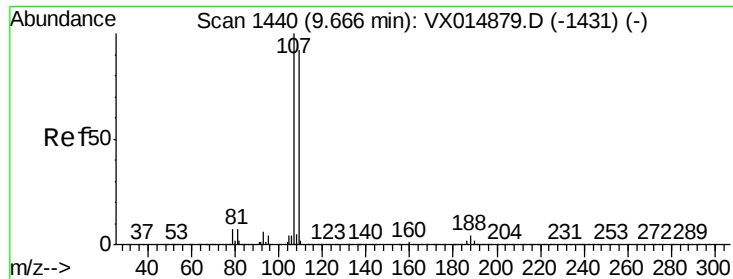
MMDadoda
2/28/2020 11:28:57 AM



#60
Dibromochloromethane
Concen: 50.279 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion: 129 Resp: 232997
Ion Ratio Lower Upper
129 100
127 75.9 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.755 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 226525

Ion Ratio Lower Upper

107 100

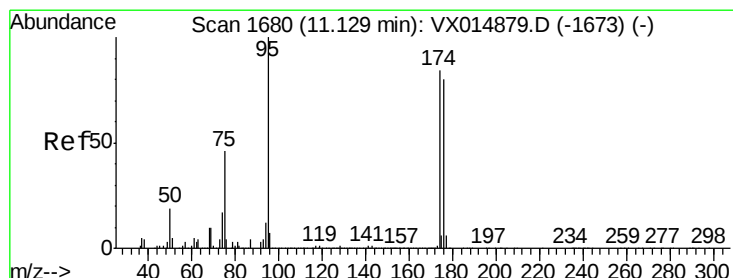
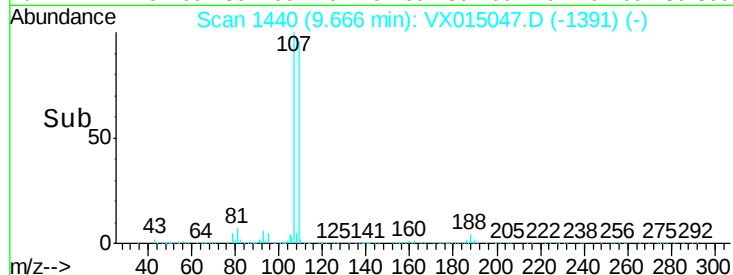
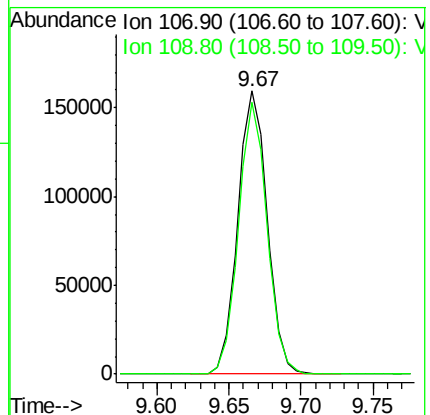
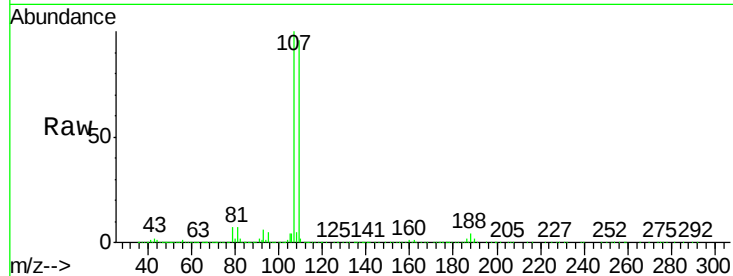
109 93.7 75.6 113.4

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2/28/2020 11:28:57 AM



#62

4-Bromofluorobenzene

Concen: 51.117 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

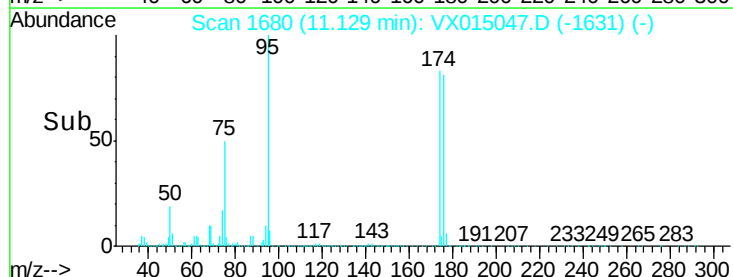
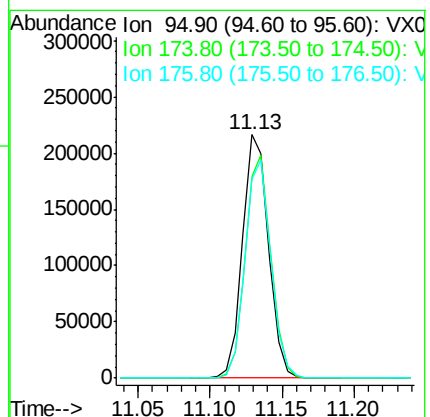
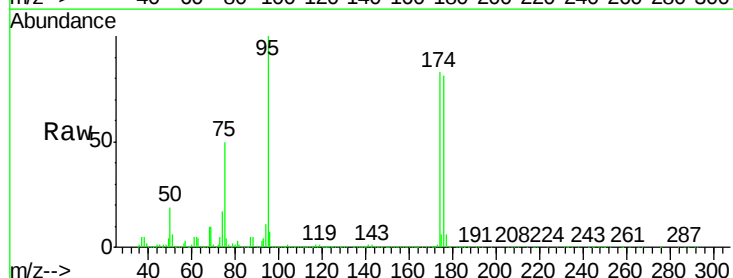
Tgt Ion: 95 Resp: 270929

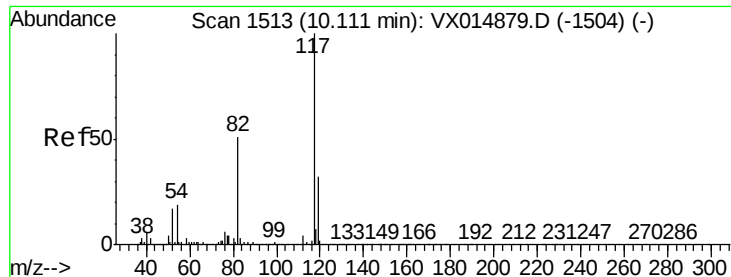
Ion Ratio Lower Upper

95 100

174 90.0 0.0 183.0

176 88.3 0.0 178.0





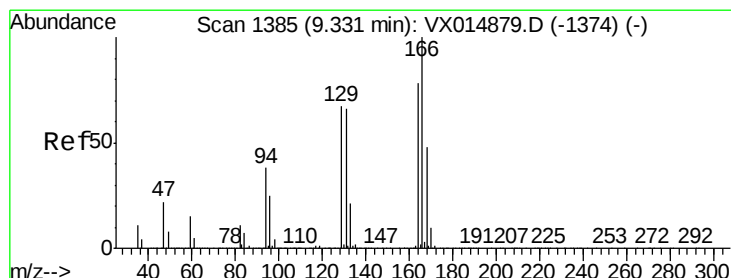
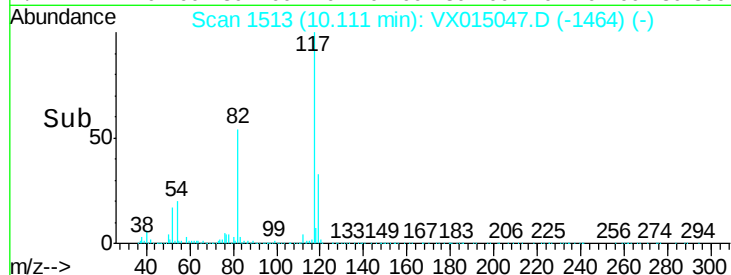
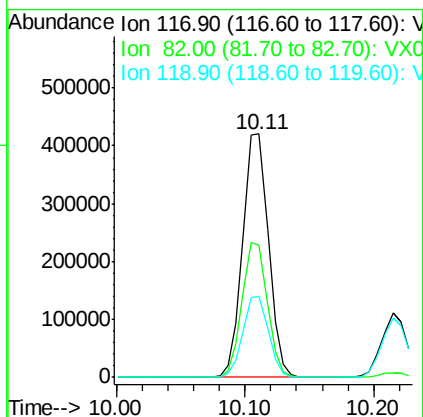
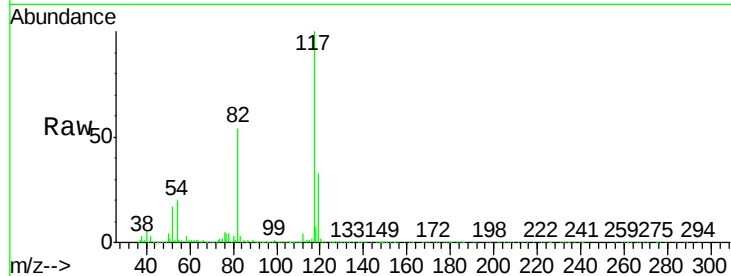
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	40.5	60.7
119	33.2	25.8	38.6

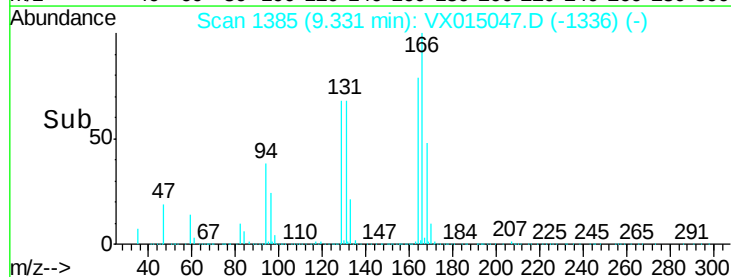
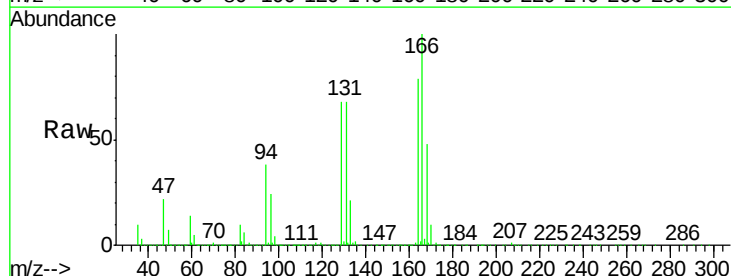
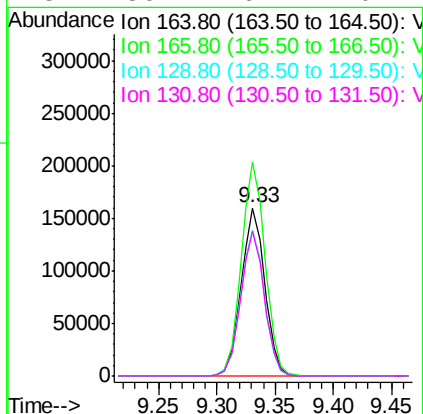
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#64
Tetrachloroethene
Concen: 41.470 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.6	153.8
129	87.1	68.3	102.5
131	86.1	67.4	101.2





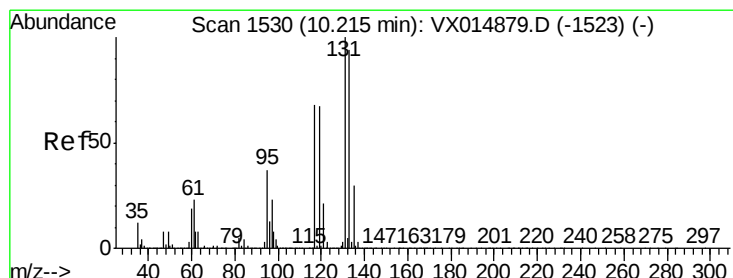
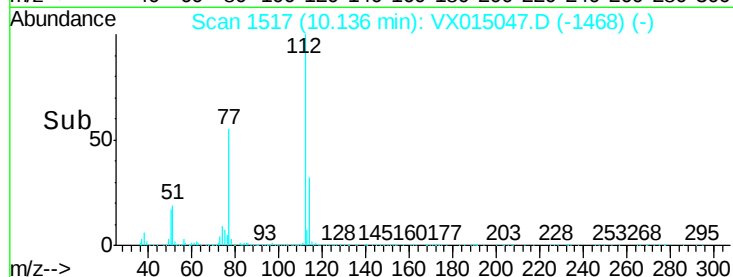
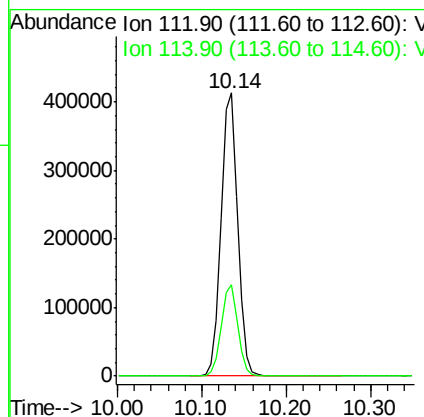
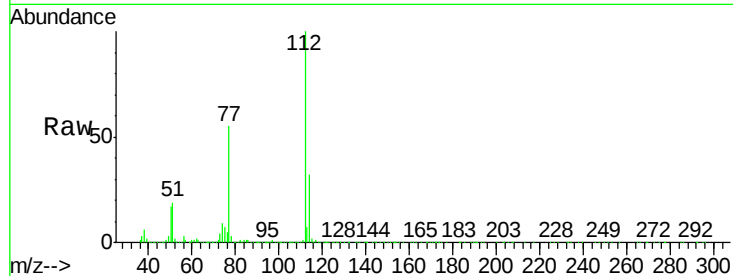
#65
Chlorobenzene
Concen: 48.065 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

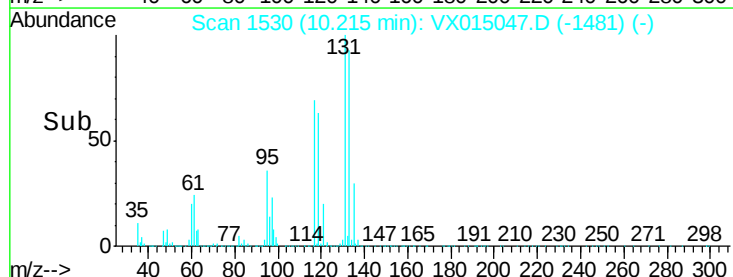
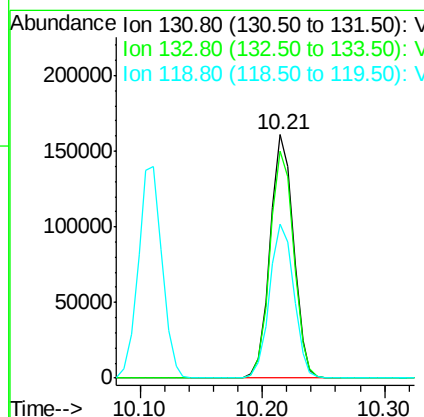
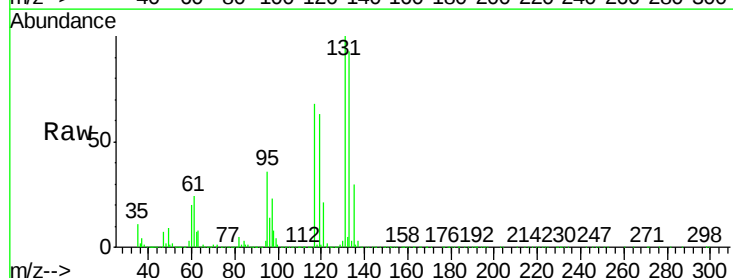
Manual Integrations
APPROVED

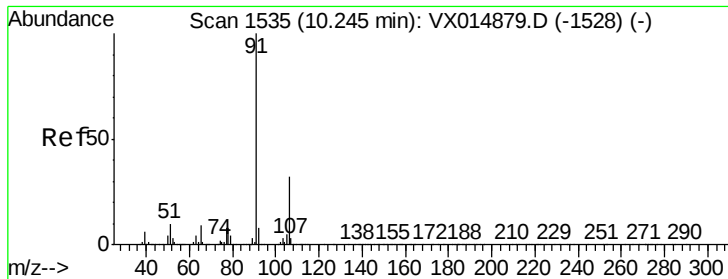
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.164 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	48.1	144.4
119	65.1	33.0	99.0





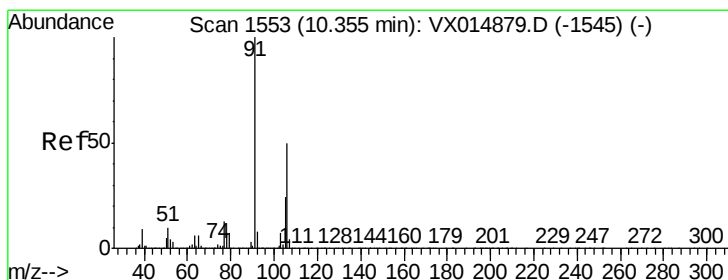
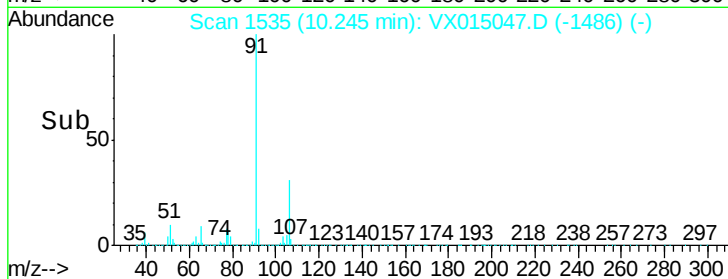
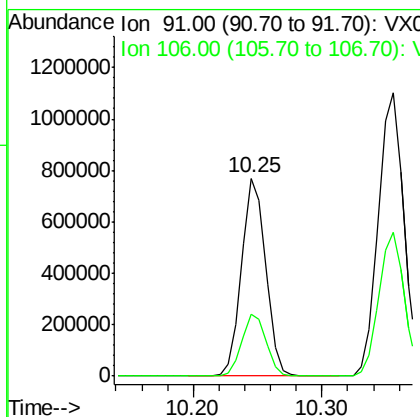
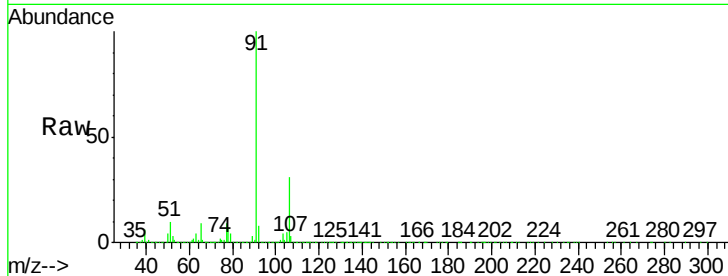
#67
Ethyl Benzene
Concen: 49.598 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 995509
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

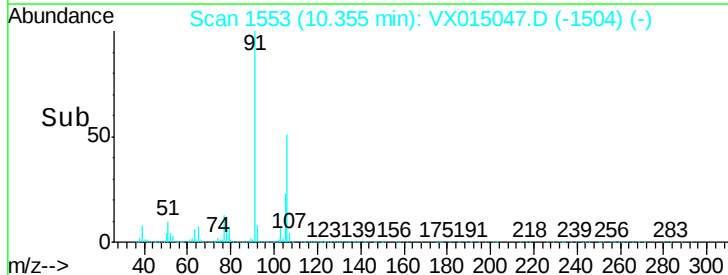
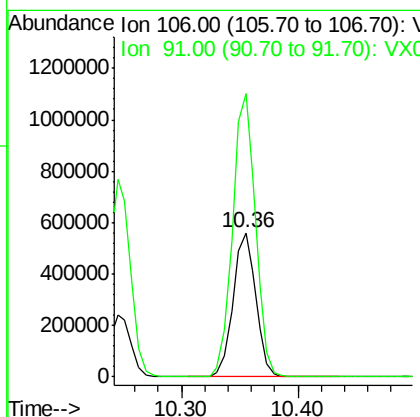
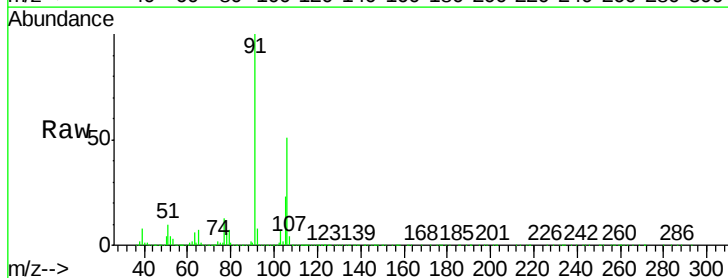
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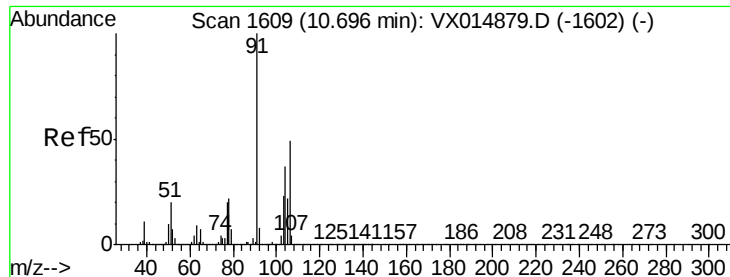
MMDadoda
2/28/2020 11:28:57 AM



#68
m/p-Xylenes
Concen: 98.466 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion: 106 Resp: 761357
Ion Ratio Lower Upper
106 100
91 197.7 160.6 240.8





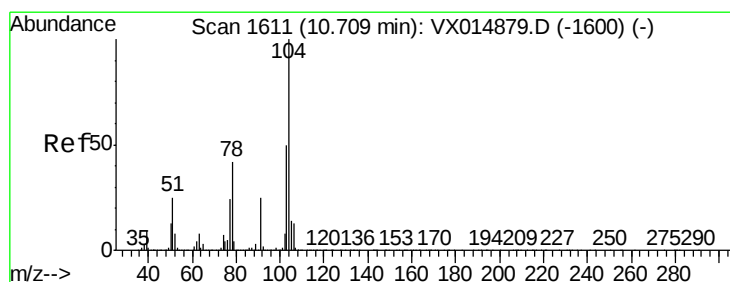
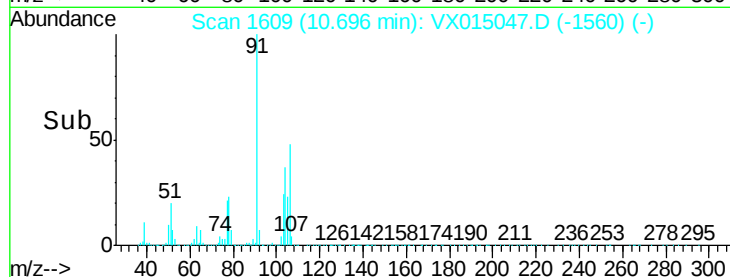
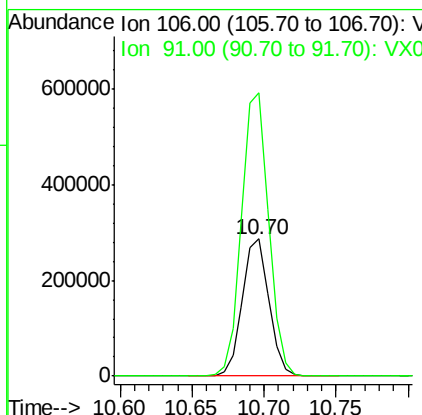
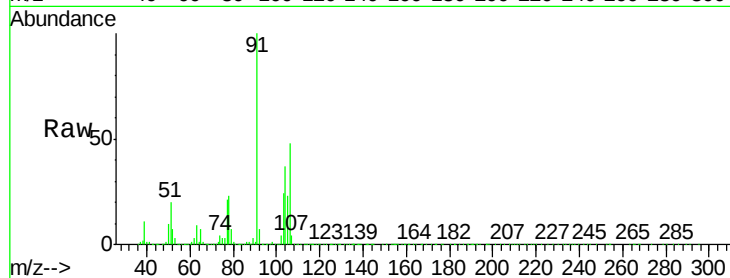
#69
o-Xylene
Concen: 49.589 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.0	105.1	315.3

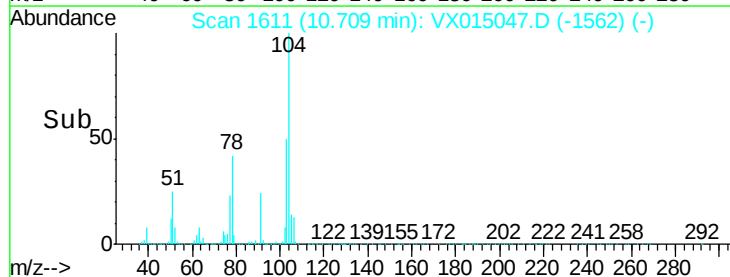
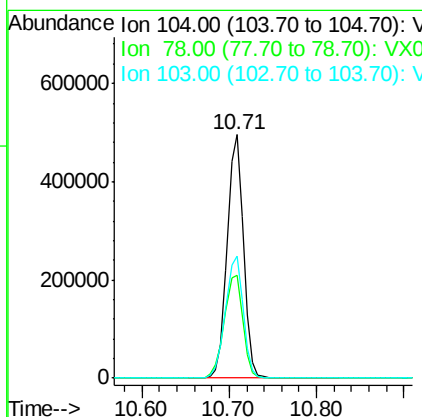
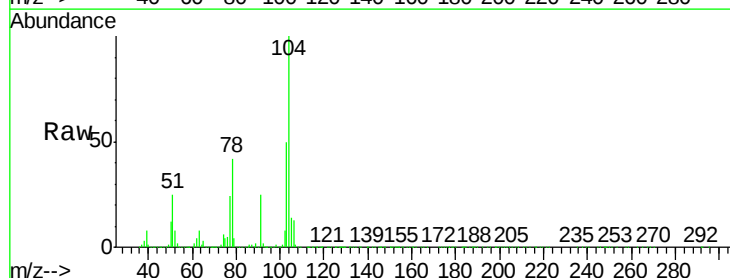
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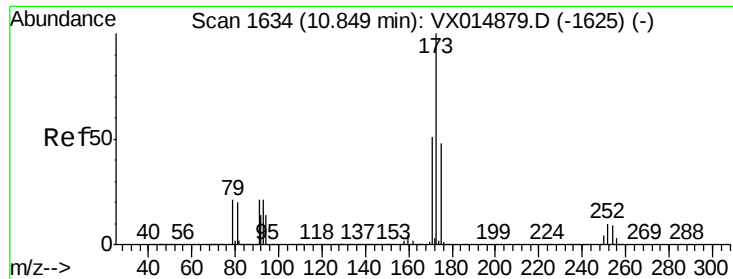
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#70
Styrene
Concen: 50.995 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.0	58.4
103	54.7	43.4	65.0





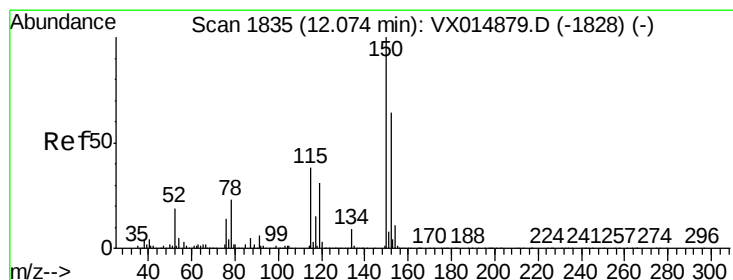
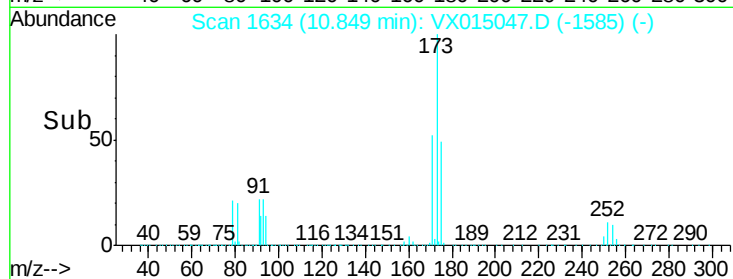
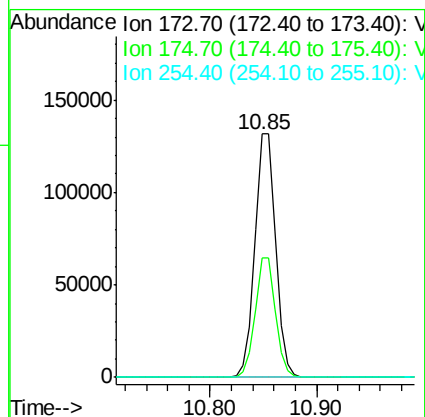
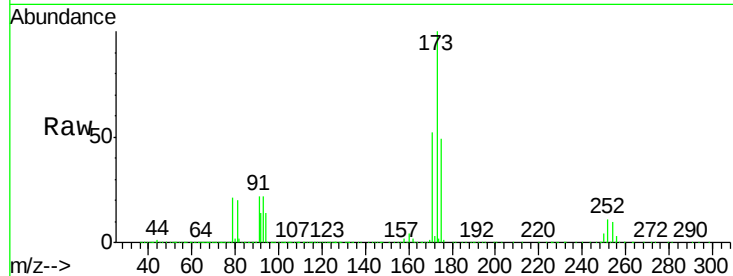
#71
Bromoform
Concen: 50.699 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.2	0.2	0.2

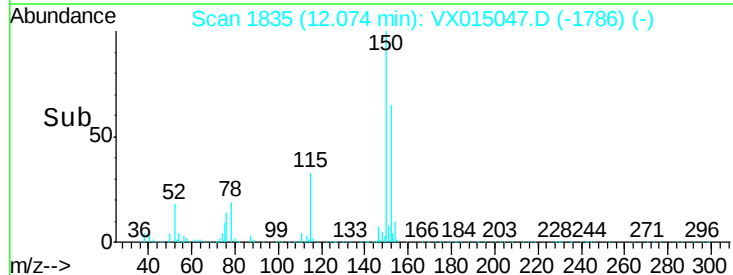
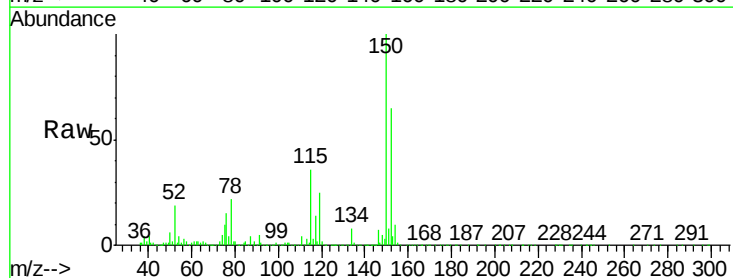
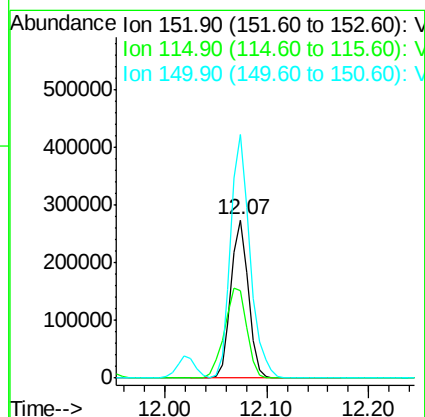
Manual Integrations
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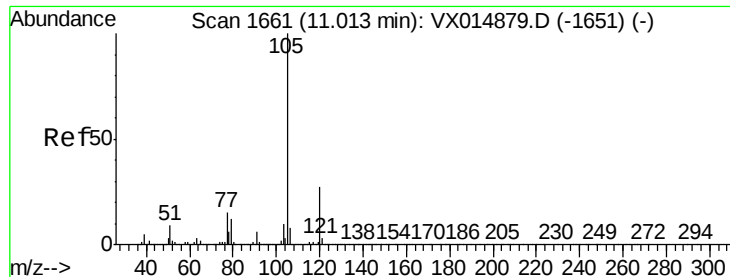
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.6	38.6	116.0
150	171.9	0.0	349.0





#73

Isopropylbenzene

Concen: 48.530 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 977213

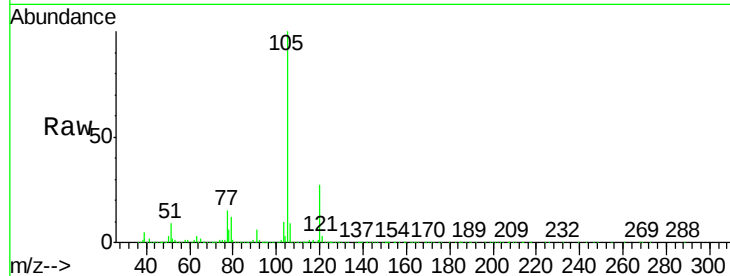
Ion Ratio Lower Upper

105 100

120 27.3 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

800000

600000

400000

200000

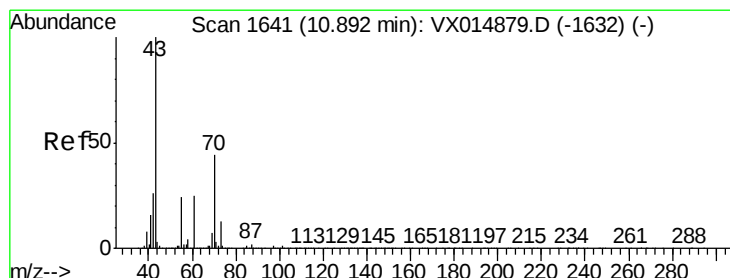
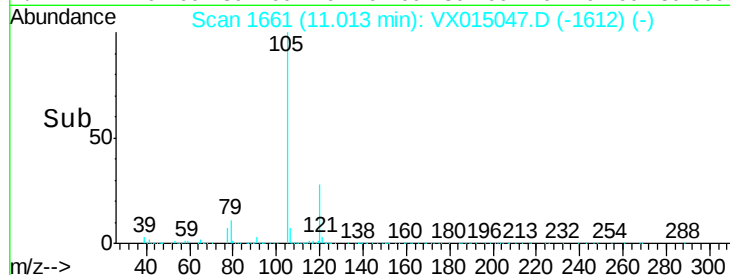
0

11.01

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 51.332 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion: 43 Resp: 429481

Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 24.4 19.4 29.2

61 24.7 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

500000

400000

300000

200000

100000

0

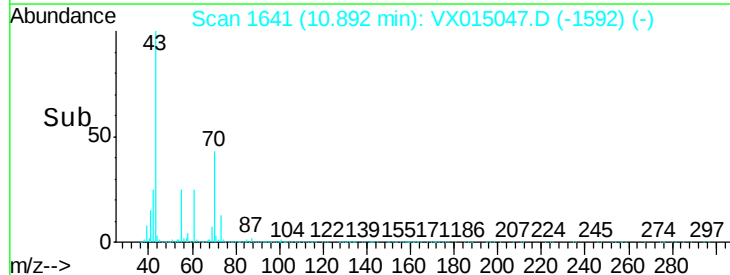
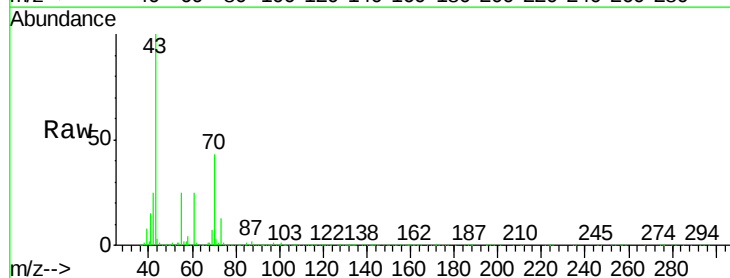
10.89

10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.738 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

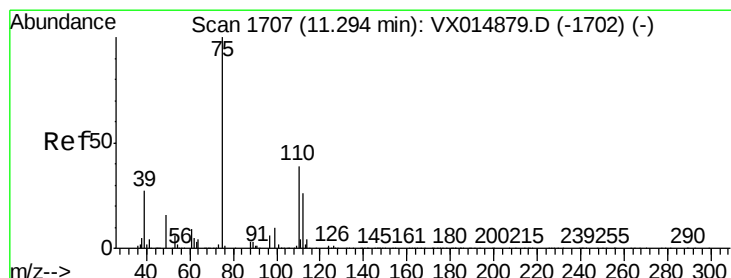
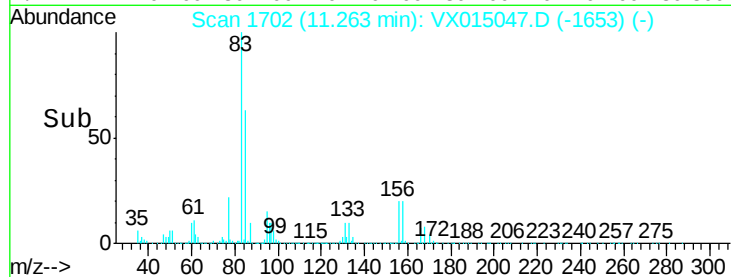
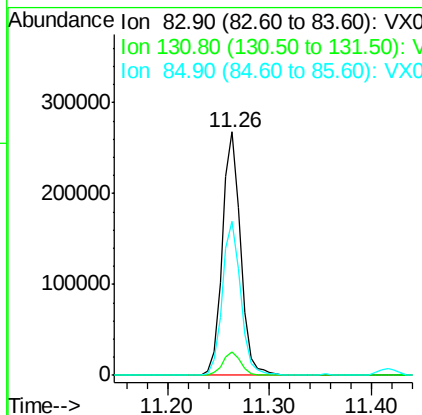
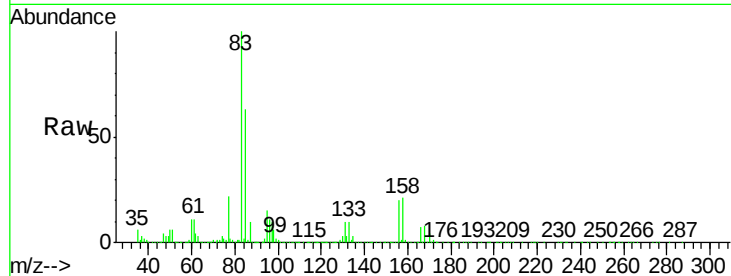
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	333979
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.3	16.1
85	64.0	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 47.247 ug/l m

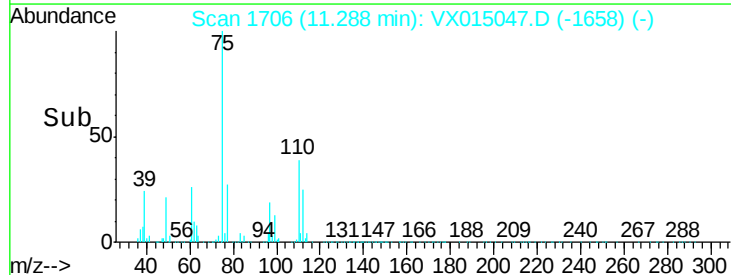
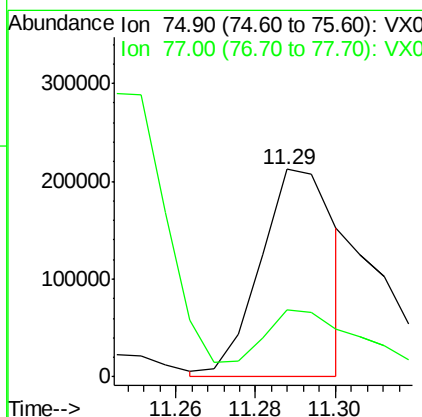
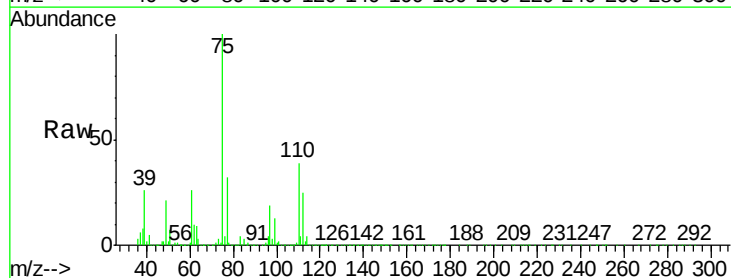
RT: 11.29 min Scan# 1706

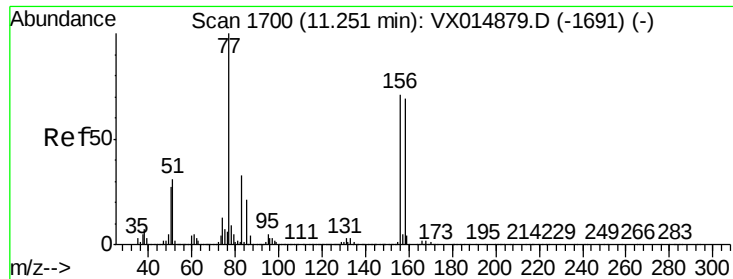
Delta R.T. -0.01 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	75	Resp:	274336
Ion Ratio	Lower	Upper	
75	100		
77	44.8	18.4	55.0





#77

Bromobenzene

Concen: 46.939 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

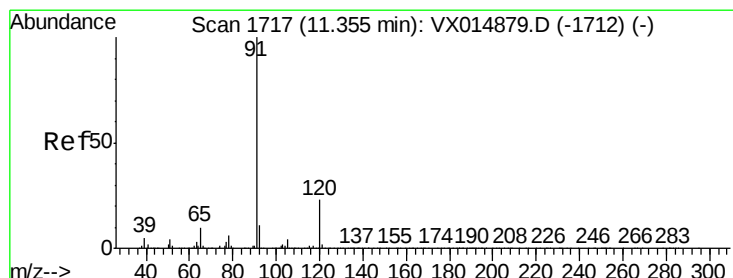
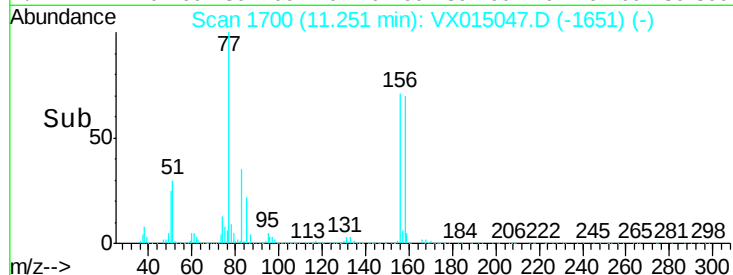
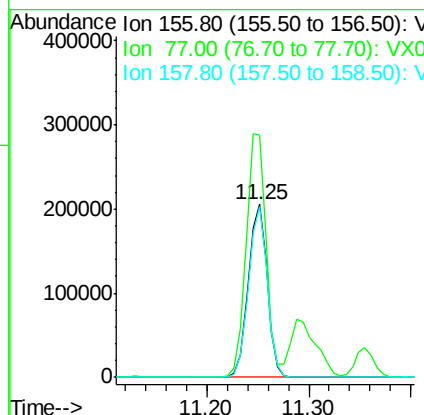
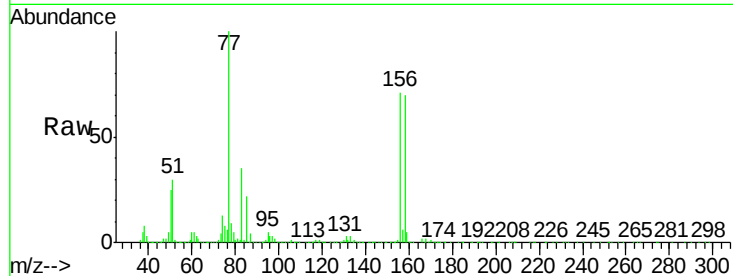
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	263813
Ion Ratio	Lower	Upper	
156	100		
77	146.6	74.0	222.0
158	97.6	48.9	146.6

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#78

n-propylbenzene

Concen: 48.776 ug/l

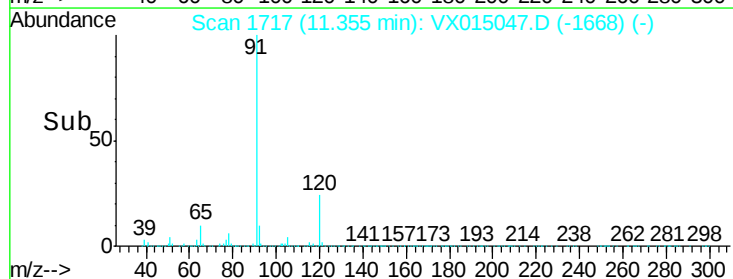
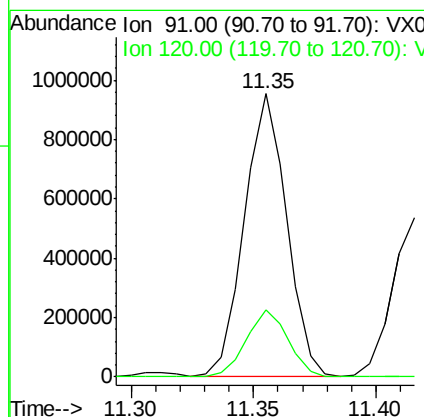
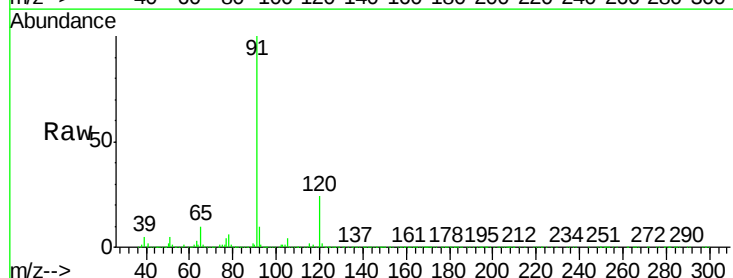
RT: 11.35 min Scan# 1717

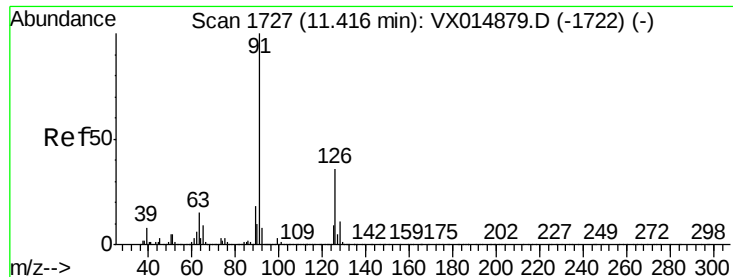
Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	91	Resp:	1135978
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4





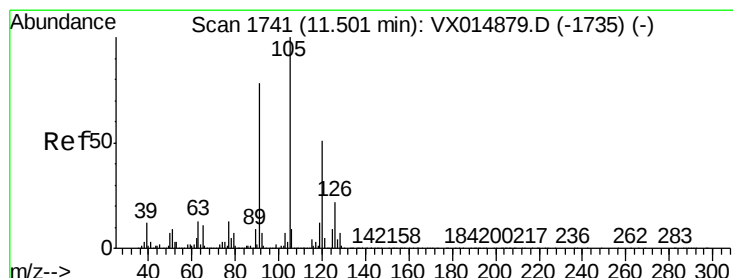
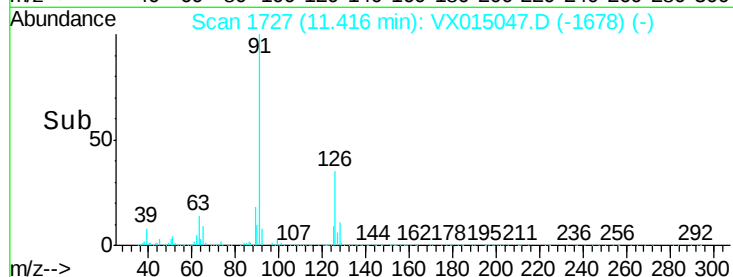
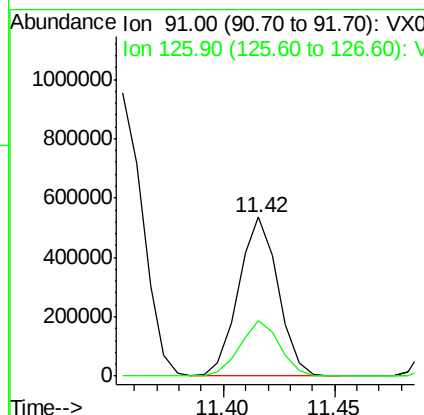
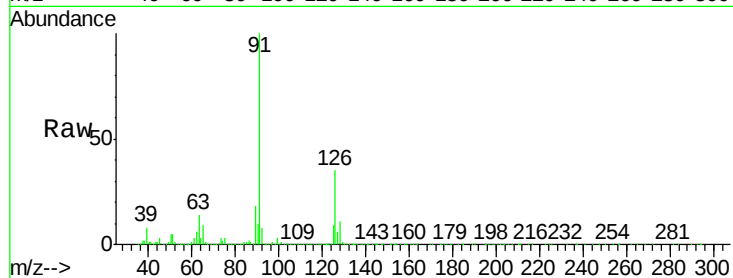
#79
2-Chlorotoluene
Concen: 48.326 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 661670
Ion Ratio Lower Upper
91 100
126 35.0 18.0 54.0

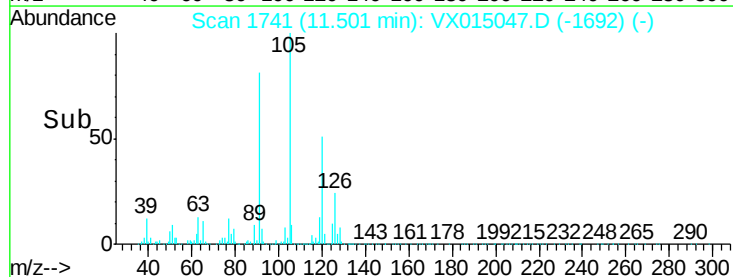
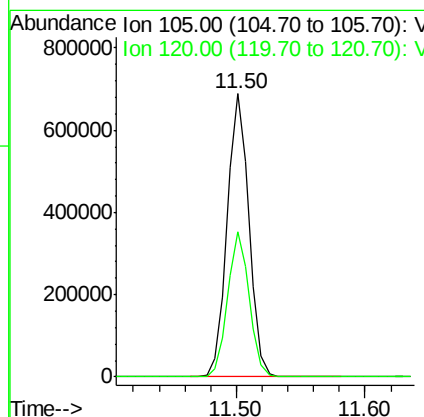
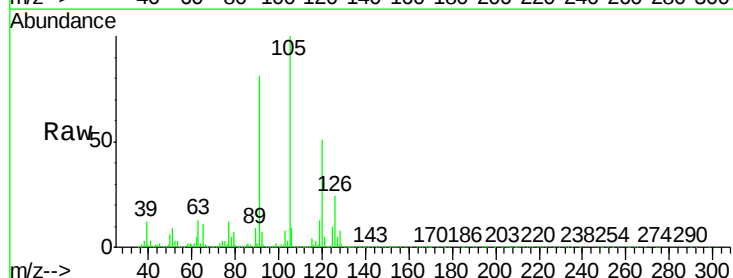
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#80
1,3,5-Trimethylbenzene
Concen: 48.848 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion: 105 Resp: 821862
Ion Ratio Lower Upper
105 100
120 50.5 25.6 76.6





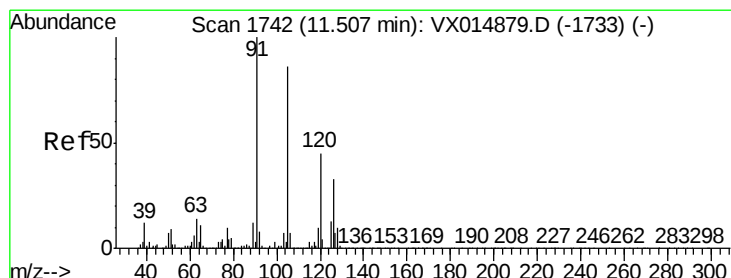
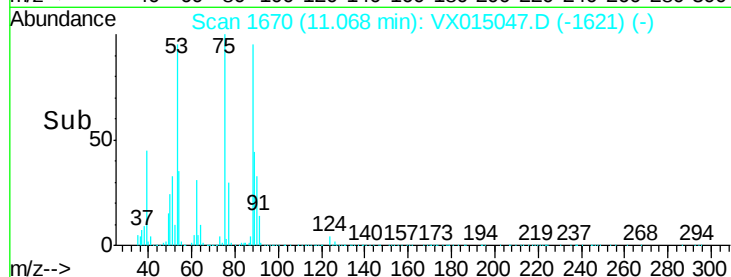
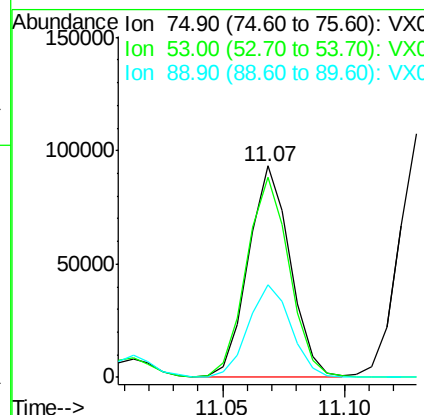
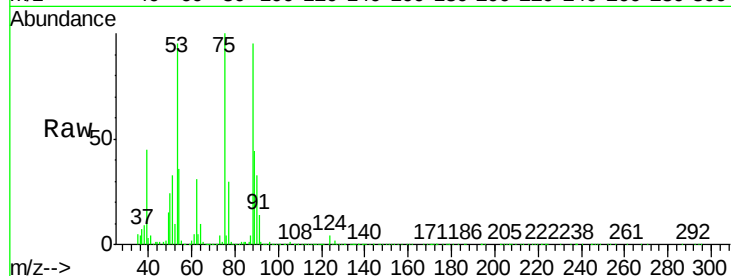
#81
trans-1,4-Dichloro-2-butene
Concen: 48.762 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	76.2	114.2
89	45.1	35.8	53.6

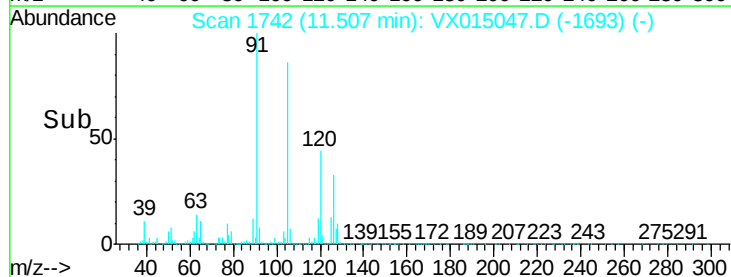
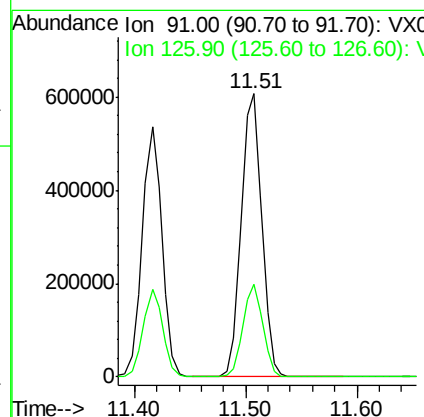
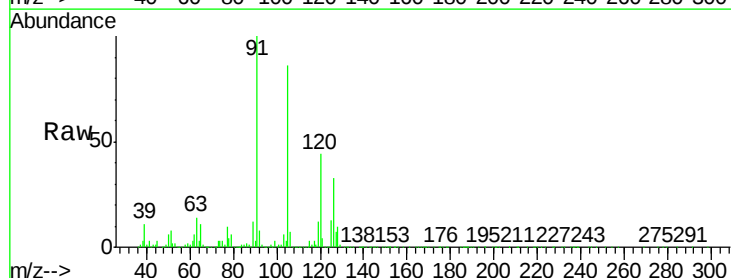
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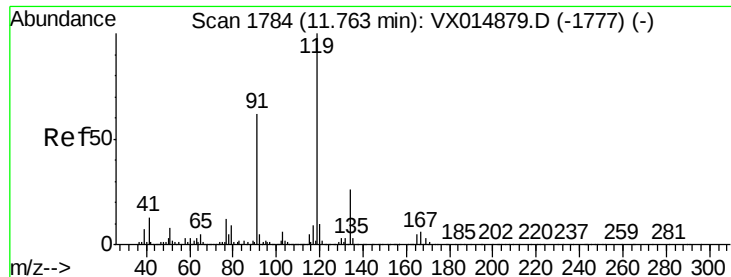
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#82
4-Chlorotoluene
Concen: 47.870 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.7	47.0





#83

tert-Butylbenzene

Concen: 51.395 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

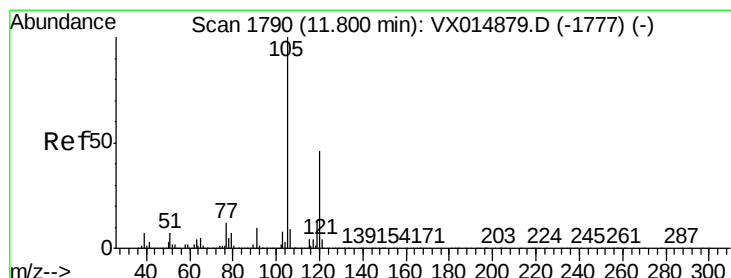
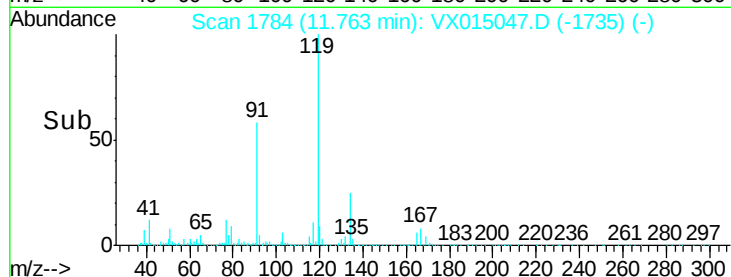
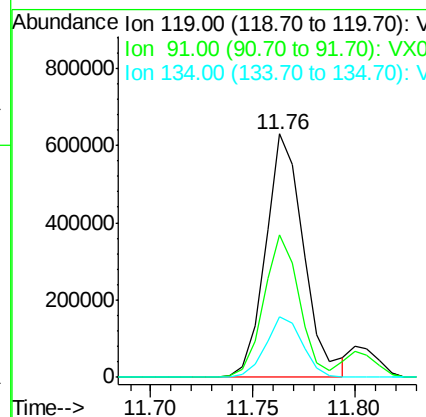
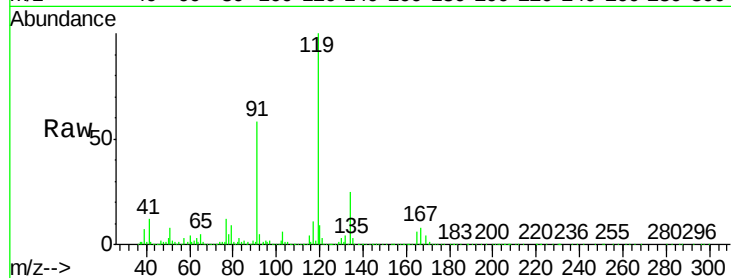
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	818859
Ion Ratio	Lower	Upper	
119	100		
91	54.5	29.5	88.6
134	24.2	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 49.222 ug/l

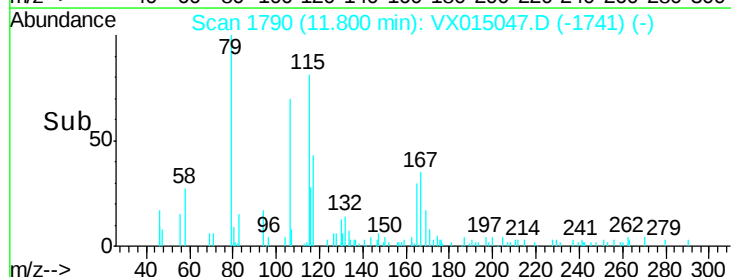
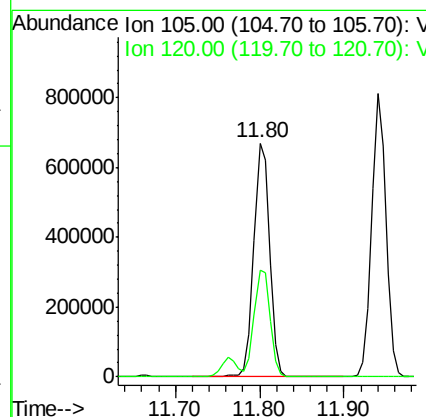
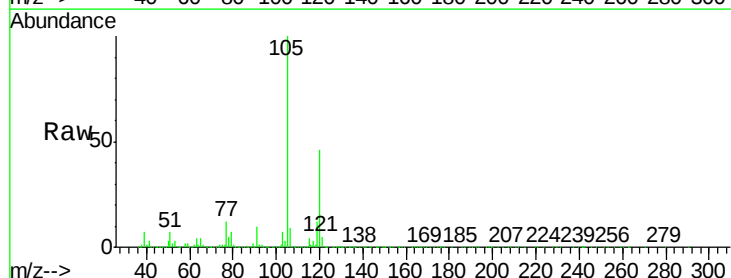
RT: 11.80 min Scan# 1790

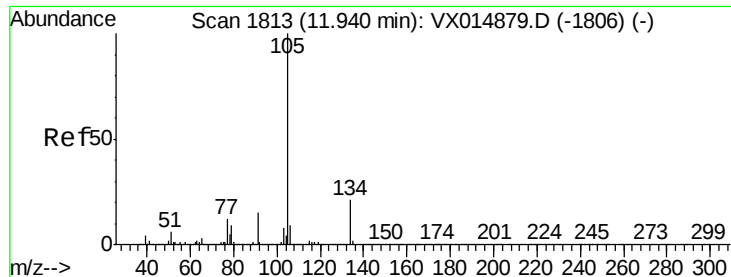
Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	105	Resp:	834595
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 48.853 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 966949

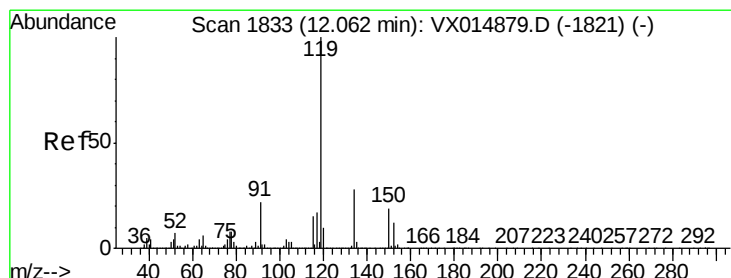
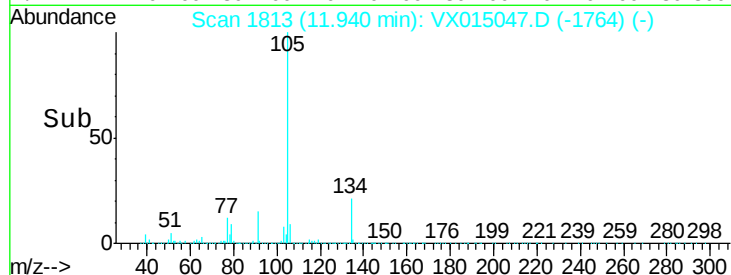
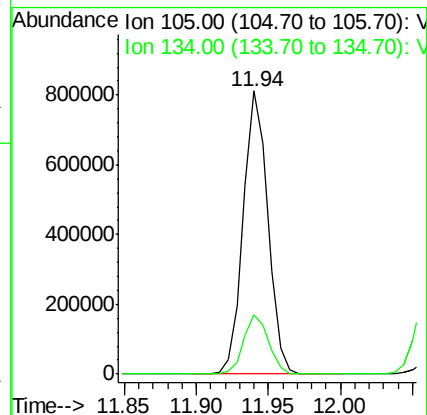
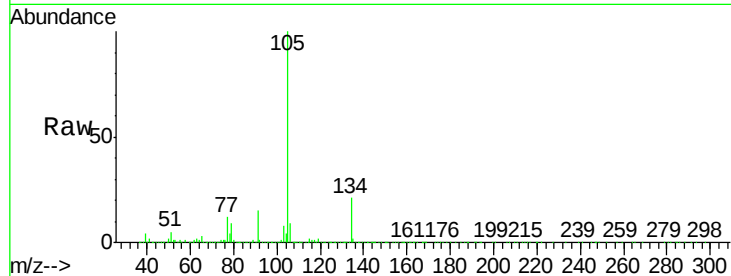
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 48.817 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

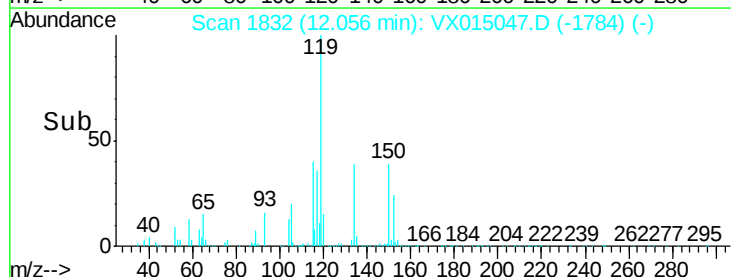
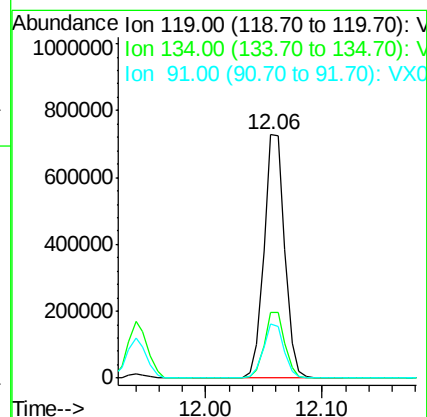
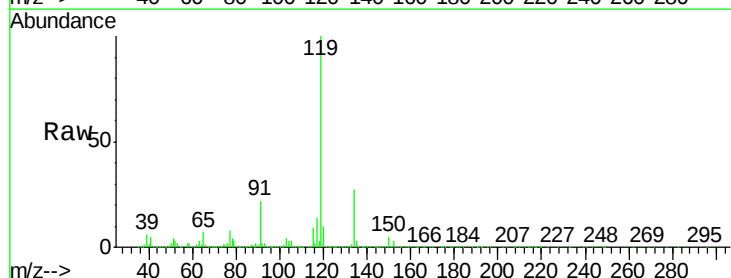
Tgt Ion:119 Resp: 904171

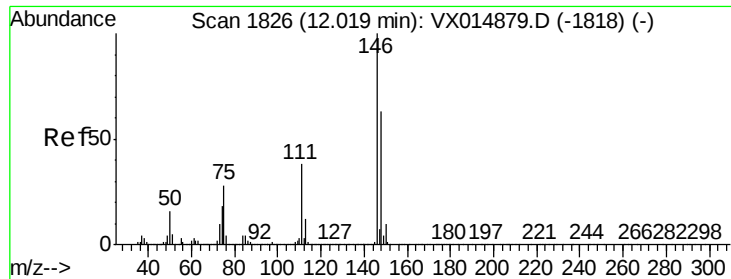
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 46.460 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

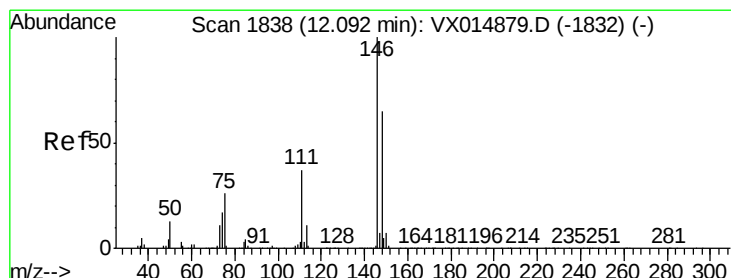
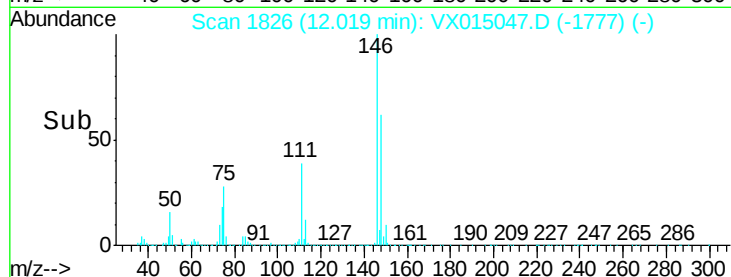
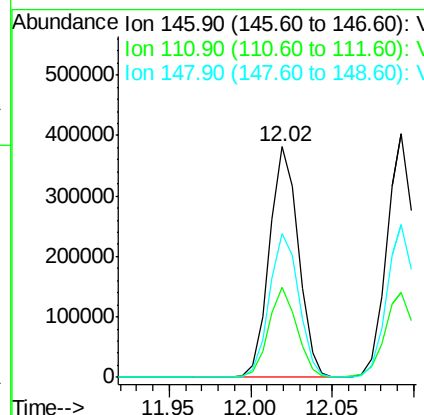
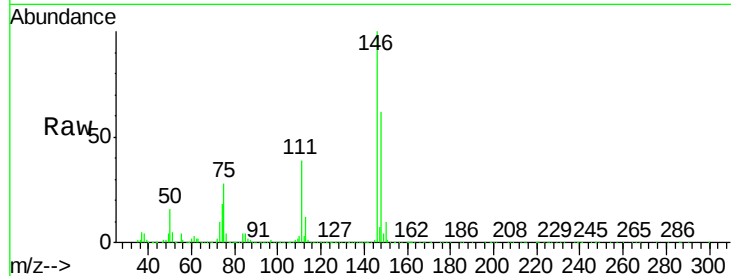
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	63.0	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 46.568 ug/l

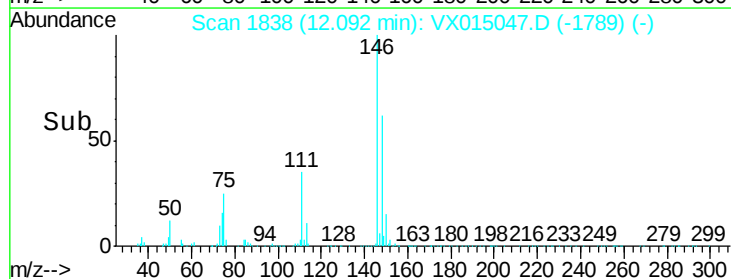
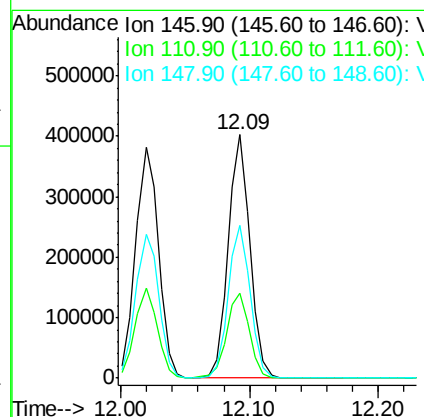
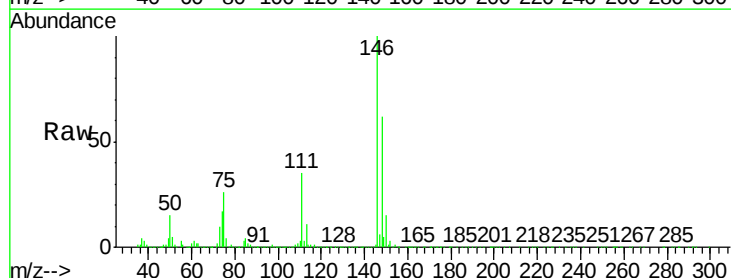
RT: 12.09 min Scan# 1838

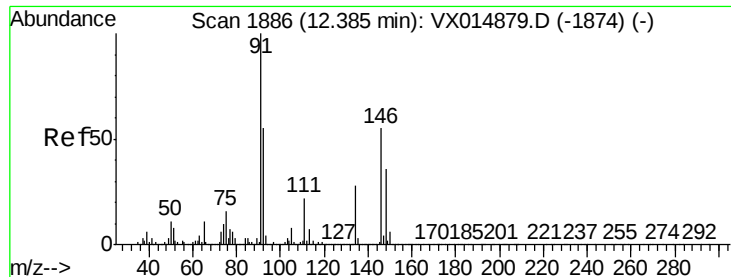
Delta R.T. 0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	63.5	32.4	97.0





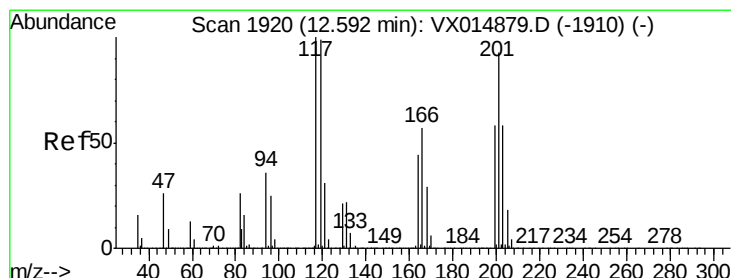
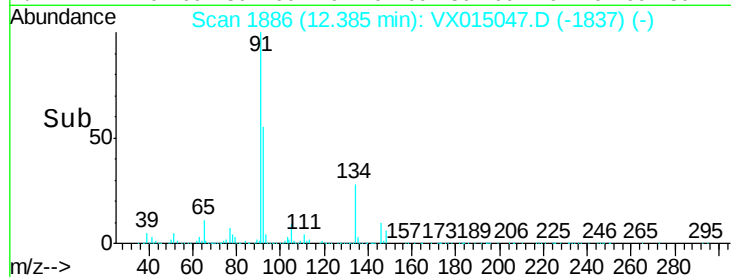
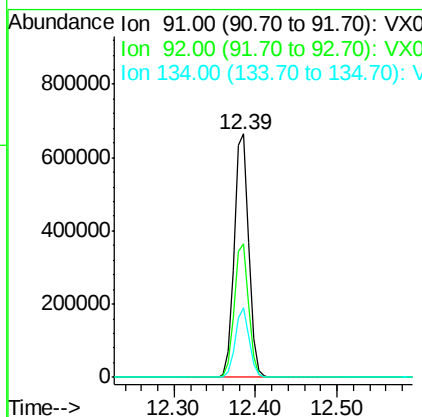
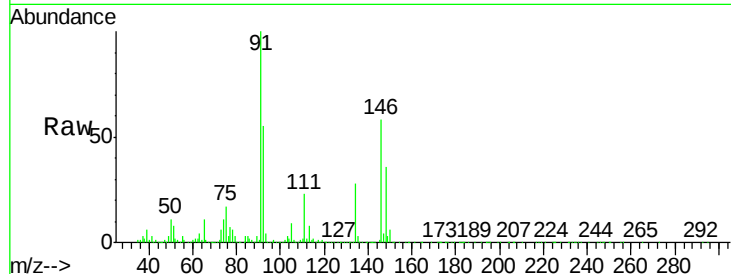
#89
n-Butylbenzene
Concen: 47.929 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.3	81.8
134	27.1	13.8	41.4

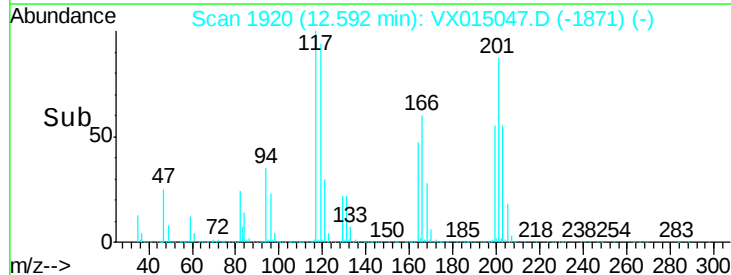
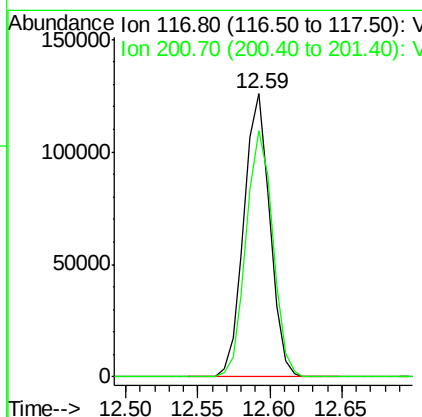
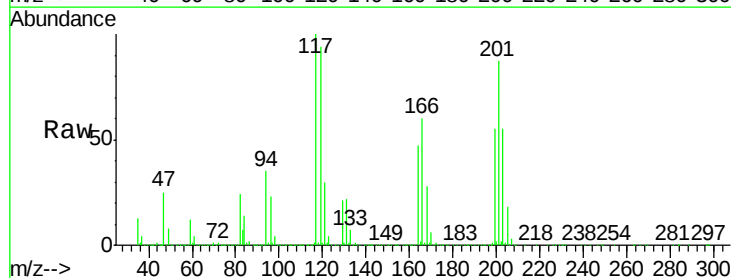
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#90
Hexachloroethane
Concen: 48.750 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015047.D
Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	44.8	134.3





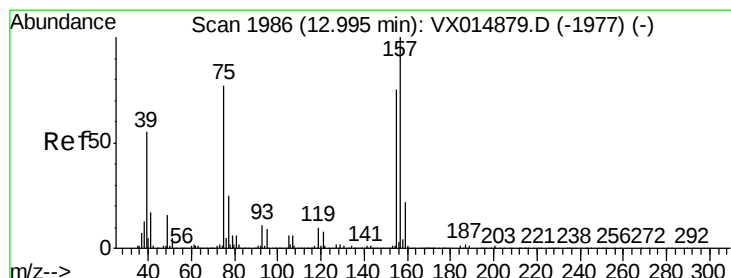
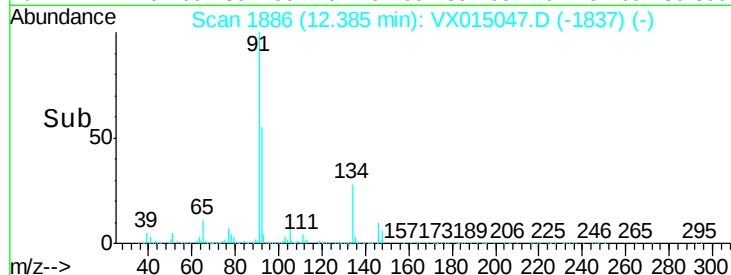
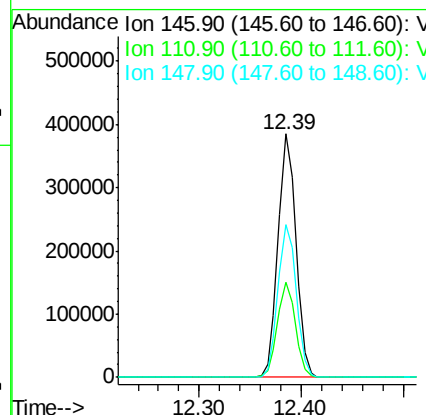
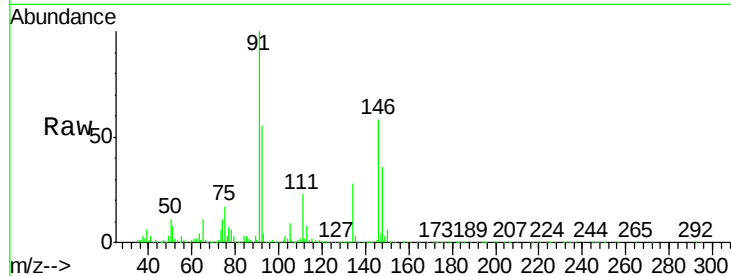
#91
 1,2-Dichlorobenzene
 Concen: 47.273 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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

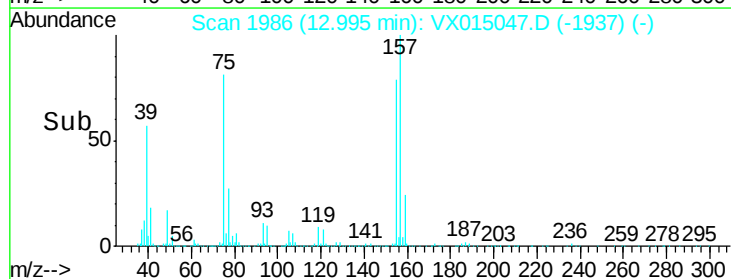
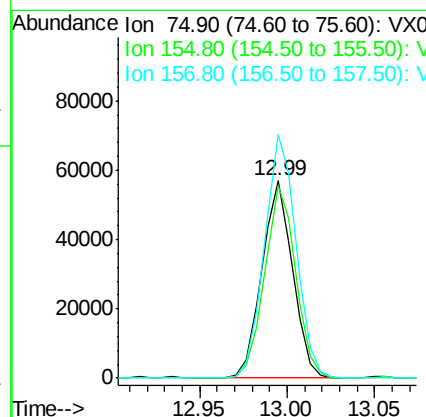
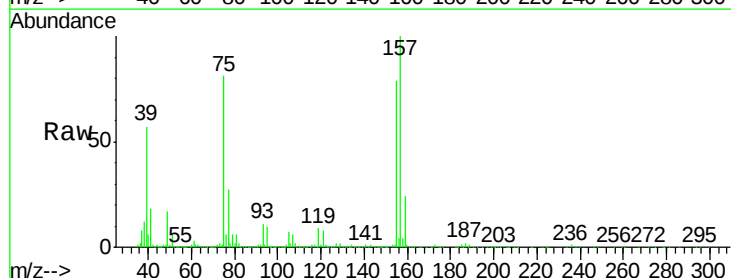
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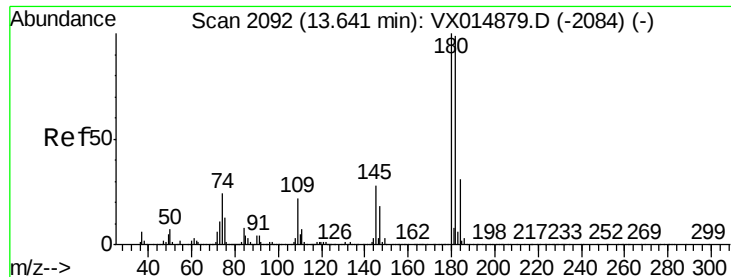
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.060 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.4	48.6	145.9
157	127.1	62.0	186.0





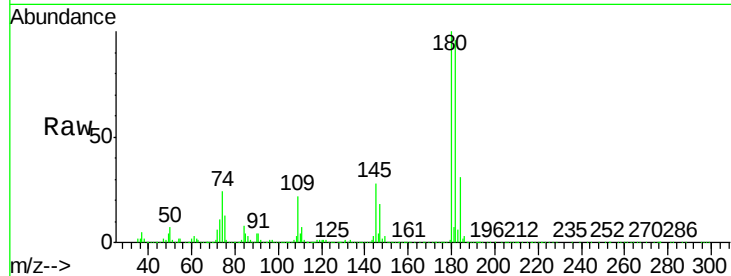
#93
 1,2,4-Trichlorobenzene
 Concen: 45.669 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

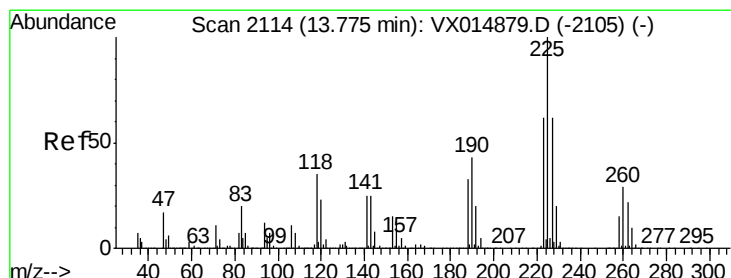
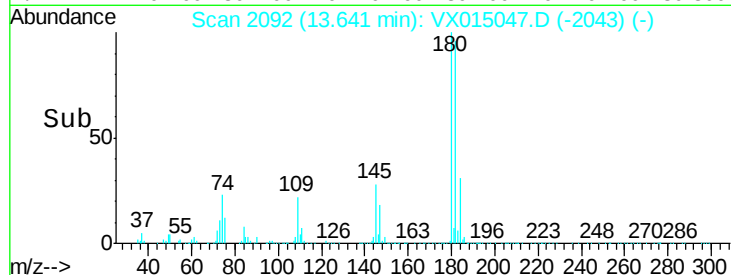
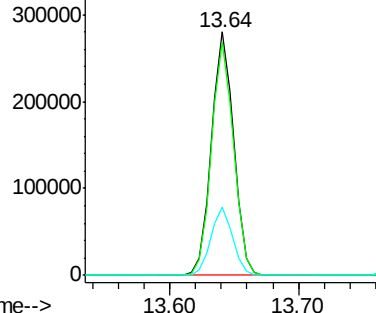
Tot Ion	Ratio	Resp	Lower	Upper
180	100	333299		
182	95.4	48.4	145.3	
145	27.6	14.1	42.4	

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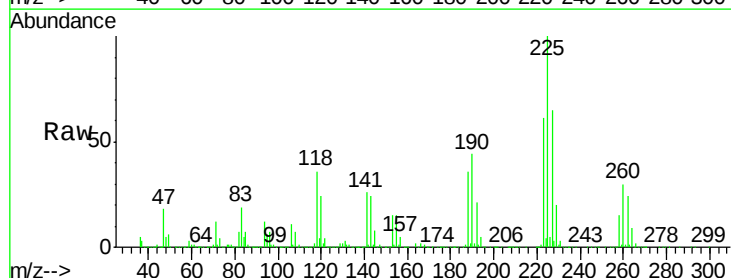


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

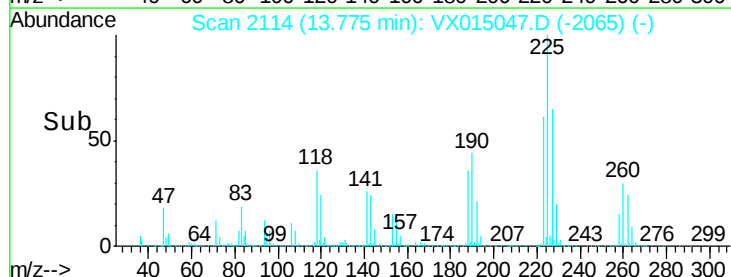
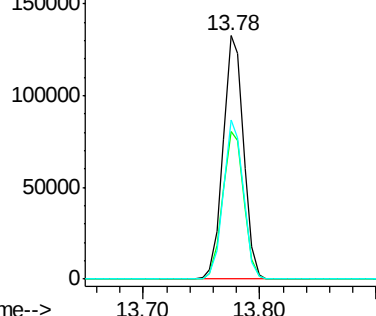


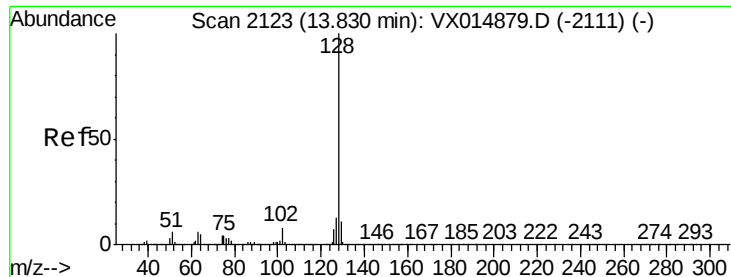
#94
 Hexachlorobutadiene
 Concen: 46.230 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015047.D
 Acq: 27 Feb 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163191		
223	62.5	31.1	93.2	
227	63.5	30.9	92.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.717 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Instrument :

MSVOA_X

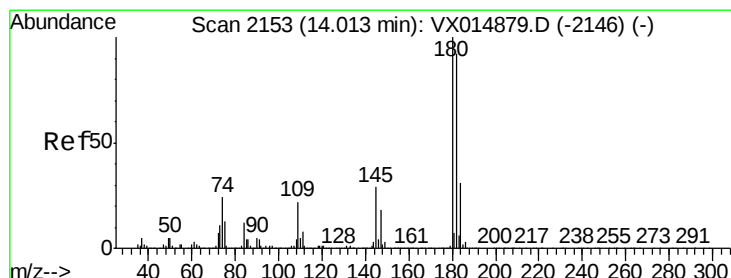
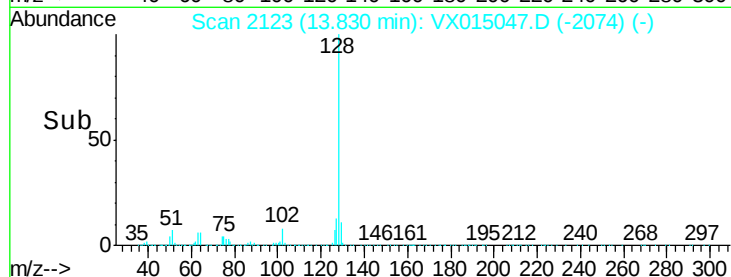
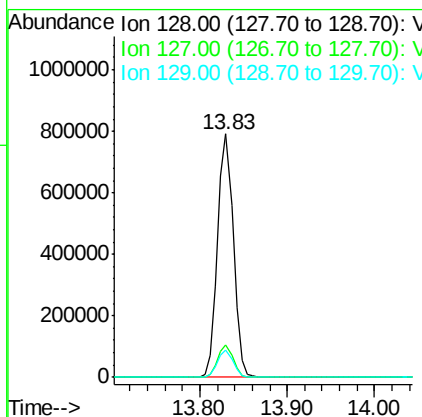
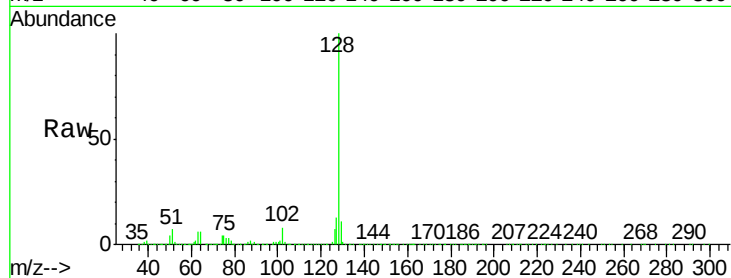
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	984139
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/28/2020 11:28:57 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.035 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015047.D

Acq: 27 Feb 2020 14:51

Tgt Ion:	180	Resp:	331648
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.5	142.6
145	29.9	14.5	43.5

