

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014689.D
 Acq On : 24 Jan 2020 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:40:10 AM

Quant Time: Jan 24 22:38:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	445672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	655782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	604636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	251373	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	202709	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	794732	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	283333	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	299583	50.079	ug/l	100
3) Chloromethane	1.32	50	290792	48.231	ug/l	99
4) Vinyl Chloride	1.40	62	336796	51.664	ug/l	99
5) Bromomethane	1.63	94	201937	45.606	ug/l	100
6) Chloroethane	1.72	64	182666	48.948	ug/l	97
7) Trichlorofluoromethane	1.92	101	367678	48.439	ug/l	100
8) Diethyl Ether	2.18	74	155203	46.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222763	49.992	ug/l	98
10) Methyl Iodide	2.50	142	293205	50.147	ug/l	98
11) Tert butyl alcohol	3.03	59	231416	198.055	ug/l	100
12) 1,1-Dichloroethene	2.37	96	213446	48.178	ug/l	98
13) Acrolein	2.28	56	194433	211.044	ug/l	99
14) Allyl chloride	2.72	41	387682	48.683	ug/l	99
15) Acrylonitrile	3.13	53	619971	229.321	ug/l	99
16) Acetone	2.43	43	654932	229.623	ug/l	100
17) Carbon Disulfide	2.56	76	584211	48.247	ug/l	100
18) Methyl Acetate	2.76	43	372091	45.701	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	701646	48.352	ug/l	100
20) Methylene Chloride	2.84	84	242186	45.886	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	228779	46.899	ug/l	99
22) Diisopropyl ether	3.84	45	786991	49.673	ug/l	94
23) Vinyl Acetate	3.80	43	3053618	252.839	ug/l	100
24) 1,1-Dichloroethane	3.69	63	423137	49.178	ug/l	99
25) 2-Butanone	4.65	43	929372	227.413	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336379	48.843	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	261607	47.917	ug/l	99
28) Bromochloromethane	5.00	49	175271	46.356	ug/l	99
29) Tetrahydrofuran	5.11	42	551478	227.363	ug/l	100
30) Chloroform	5.20	83	403081	47.291	ug/l	98
31) Cyclohexane	5.57	56	399921	49.418	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	348408	48.359	ug/l	99
36) 1,1-Dichloropropene	5.79	75	316074	51.871	ug/l	99
37) Ethyl Acetate	4.81	43	337402	48.345	ug/l	99
38) Carbon Tetrachloride	5.78	117	300885	51.702	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	406365	53.233	ug/l	97
40) Benzene	6.13	78	945565	50.222	ug/l	99
41) Methacrylonitrile	5.02	41	184402	46.294	ug/l	97
42) 1,2-Dichloroethane	6.18	62	329970	50.752	ug/l	99
43) Isopropyl Acetate	6.43	43	553776	48.455	ug/l	99
44) Trichloroethene	7.20	130	261041	49.085	ug/l	94
45) 1,2-Dichloropropane	7.50	63	250319	51.607	ug/l	100
46) Dibromomethane	7.65	93	158299	50.391	ug/l	99
47) Bromodichloromethane	7.89	83	321089	52.113	ug/l	98
48) Methyl methacrylate	7.76	41	278932	51.081	ug/l	100
49) 1,4-Dioxane	7.73	88	107627	929.819	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1740098	241.239	ug/l	100
52) Toluene	8.78	92	599922	51.836	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	351976	53.054	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	393060	53.856	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	241785	51.026	ug/l	98
56) Ethyl methacrylate	9.17	69	380836	47.500	ug/l	99
57) 1,3-Dichloropropane	9.36	76	406354	50.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	623254	261.541	ug/l	100
59) 2-Hexanone	9.48	43	1358282	242.666	ug/l	100
60) Dibromochloromethane	9.57	129	256444	51.849	ug/l	100
61) 1,2-Dibromoethane	9.67	107	250634	50.027	ug/l	99
64) Tetrachloroethene	9.33	164	284492	47.533	ug/l	99
65) Chlorobenzene	10.13	112	638422	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	237195	49.743	ug/l	98
67) Ethyl Benzene	10.25	91	1148001	51.986	ug/l	100
68) m/p-Xylenes	10.36	106	873801	104.448	ug/l	99
69) o-Xylene	10.69	106	417467	51.689	ug/l	100
70) Styrene	10.71	104	728185	53.749	ug/l	99
71) Bromoform	10.85	173	194649	51.331	ug/l #	98
73) Isopropylbenzene	11.01	105	1129917	52.114	ug/l	100
74) N-amyl acetate	10.89	43	483552	50.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	354181	45.752	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	302215m	42.126	ug/l	
77) Bromobenzene	11.25	156	290992	49.959	ug/l	97
78) n-propylbenzene	11.35	91	1305461	53.045	ug/l	100
79) 2-Chlorotoluene	11.42	91	760078	51.043	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	948596	52.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	121732	48.289	ug/l	99
82) 4-Chlorotoluene	11.51	91	885648	52.243	ug/l	100
83) tert-Butylbenzene	11.76	119	884689	52.320	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	955388	52.932	ug/l	99
85) sec-Butylbenzene	11.94	105	1113583	53.758	ug/l	100
86) p-Isopropyltoluene	12.06	119	1026311	53.611	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	520109	49.686	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	519512	49.545	ug/l	100
89) n-Butylbenzene	12.39	91	912396	54.722	ug/l	99
90) Hexachloroethane	12.59	117	179039	50.351	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	519554	49.973	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74560	44.829	ug/l	97

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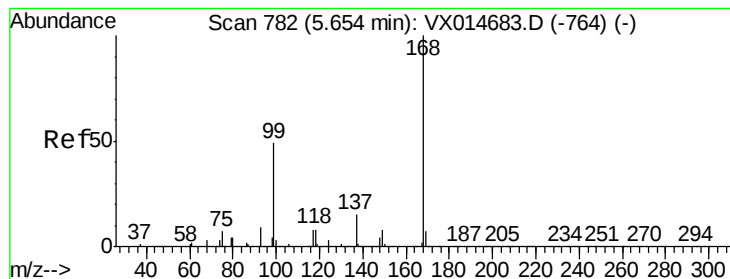
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	355845	53.088	ug/l	98
94) Hexachlorobutadiene	13.78	225	175758	50.945	ug/l	98
95) Naphthalene	13.83	128	1035848	47.961	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	355491	52.450	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 445672

Ion Ratio Lower Upper

168 100

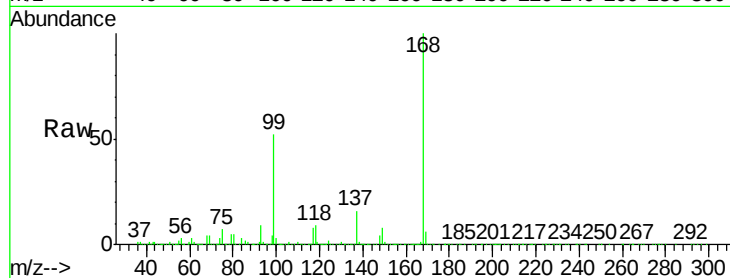
99 51.3 39.8 59.6

Manual Integrations

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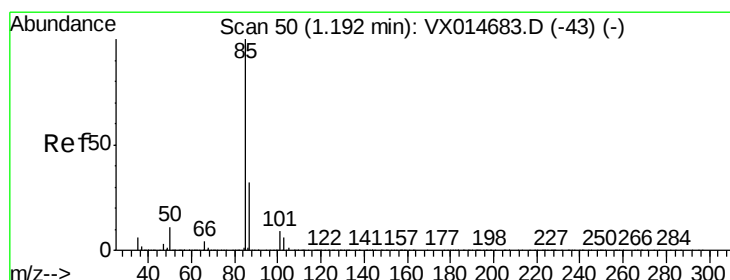
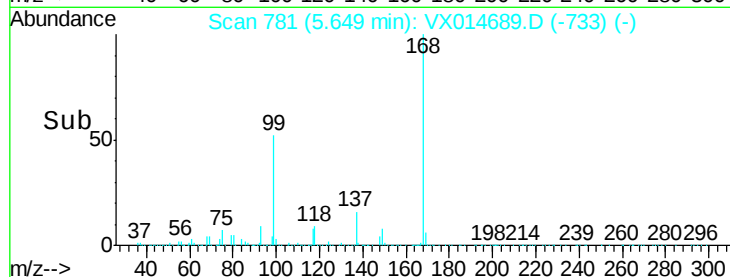
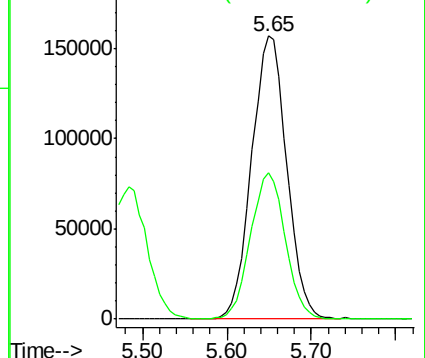
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.079 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014689.D

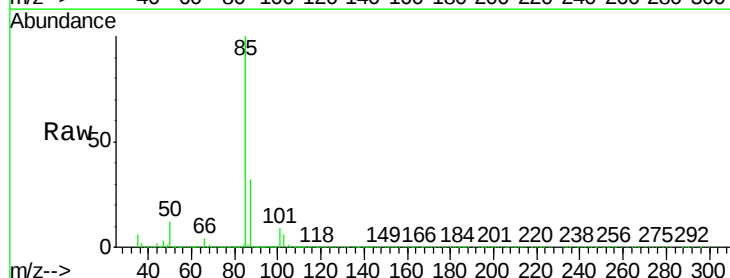
Acq: 24 Jan 2020 10:15

Tgt Ion: 85 Resp: 299583

Ion Ratio Lower Upper

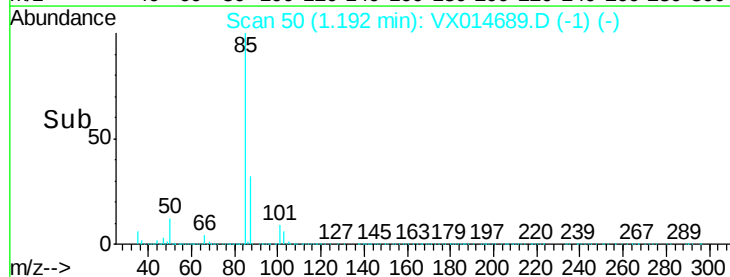
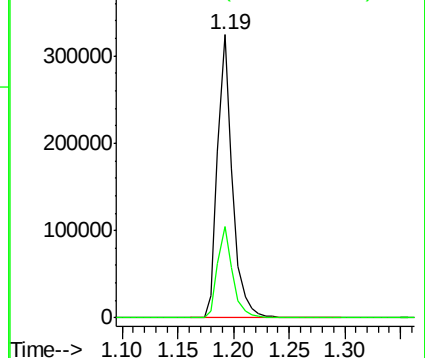
85 100

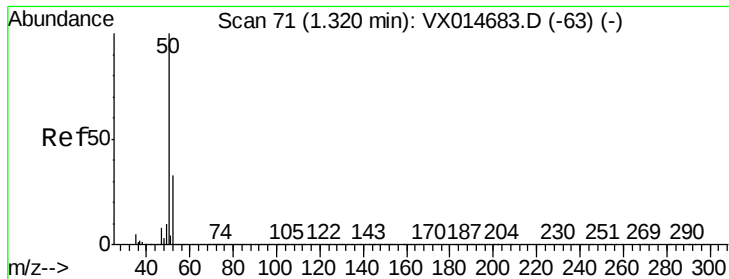
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.231 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 290792

Ion Ratio Lower Upper

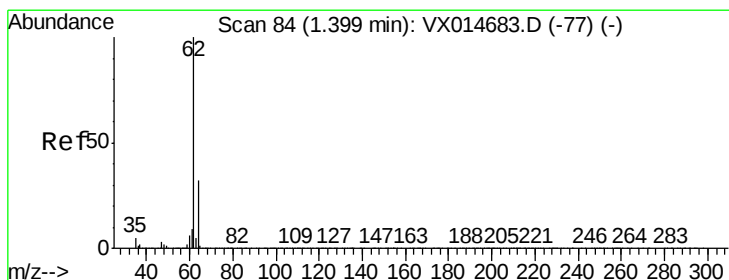
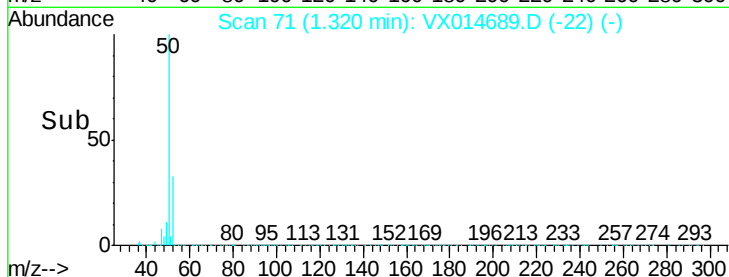
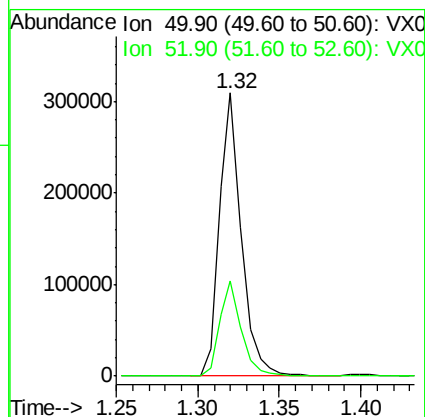
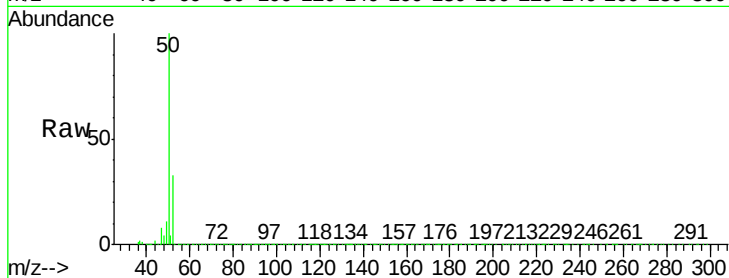
50 100

52 33.4 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 51.664 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014689.D

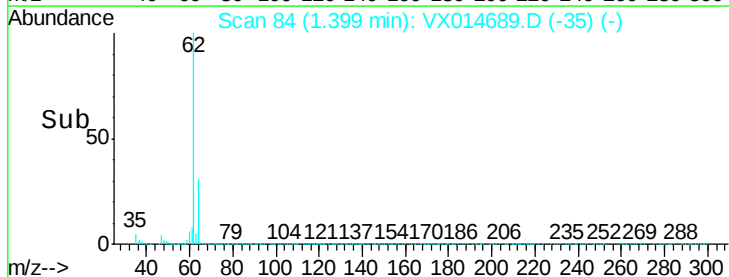
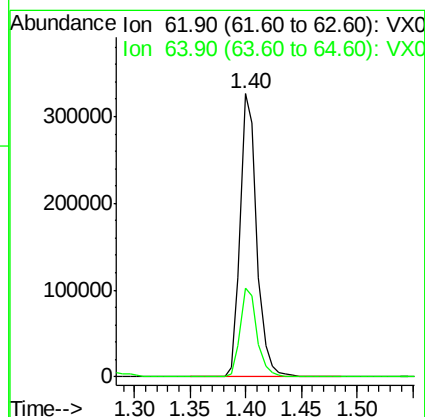
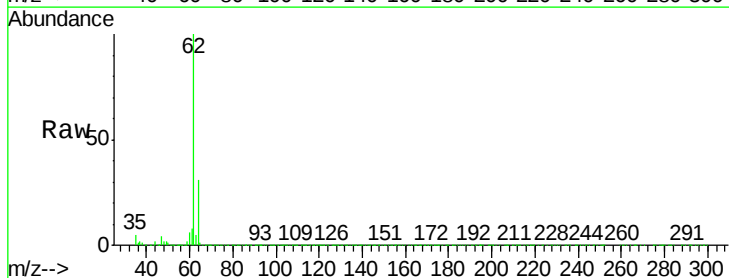
Acq: 24 Jan 2020 10:15

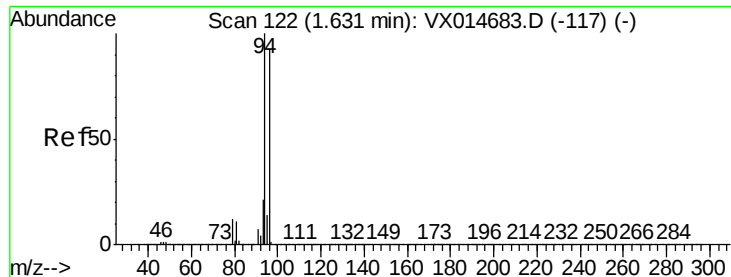
Tgt Ion: 62 Resp: 336796

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 45.606 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 201937

Ion Ratio Lower Upper

94 100

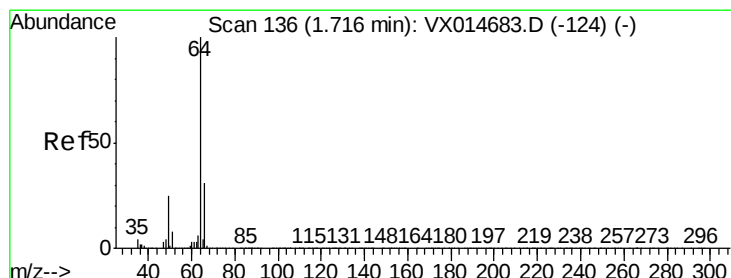
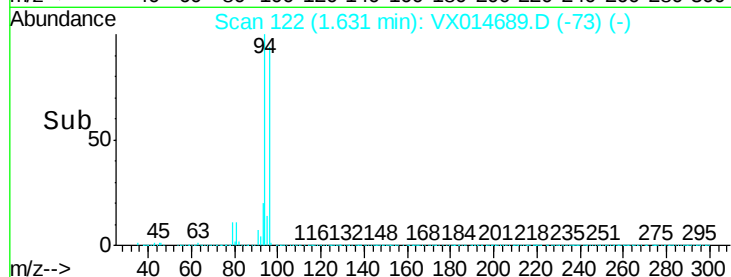
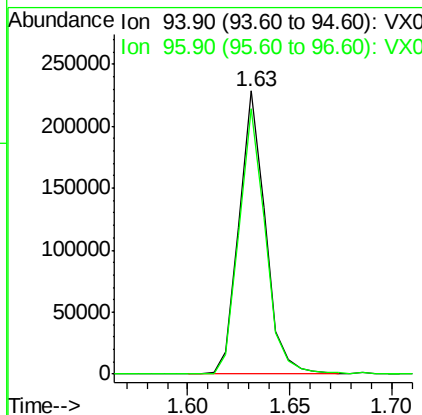
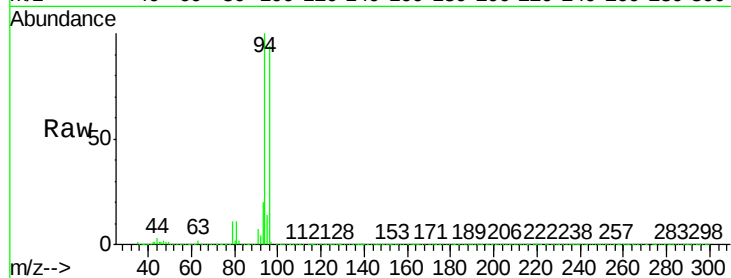
96 93.8 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 48.948 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014689.D

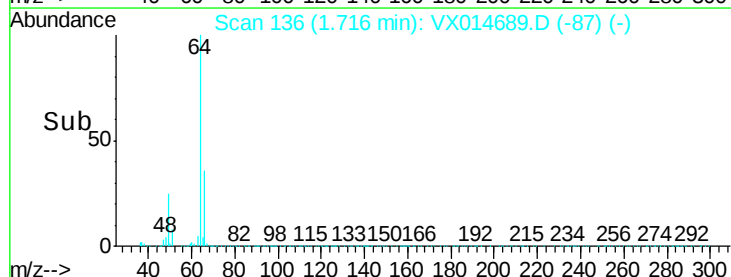
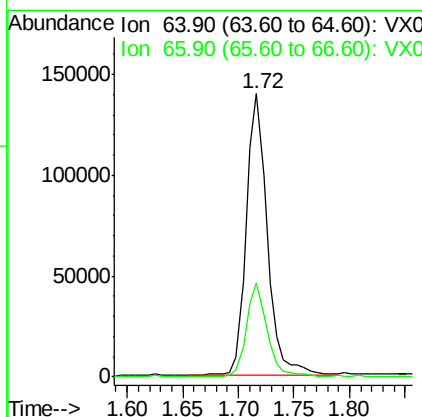
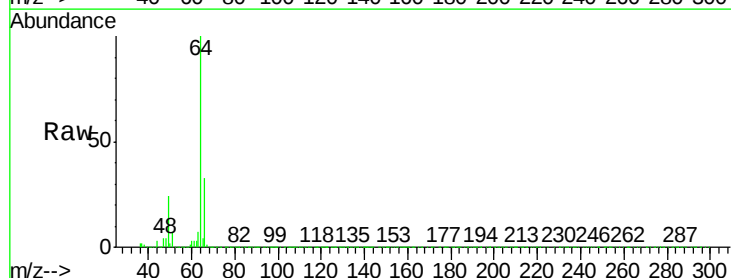
Acq: 24 Jan 2020 10:15

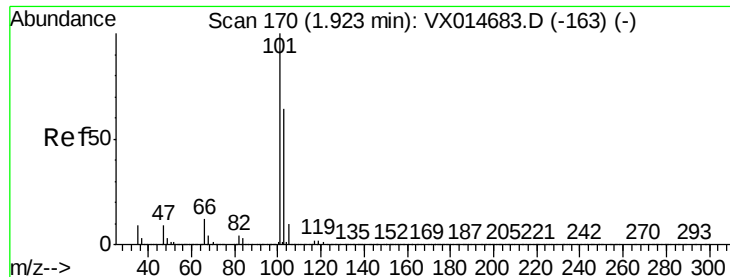
Tgt Ion: 64 Resp: 182666

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8





#7

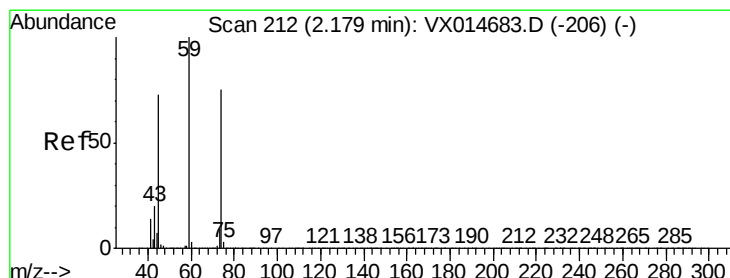
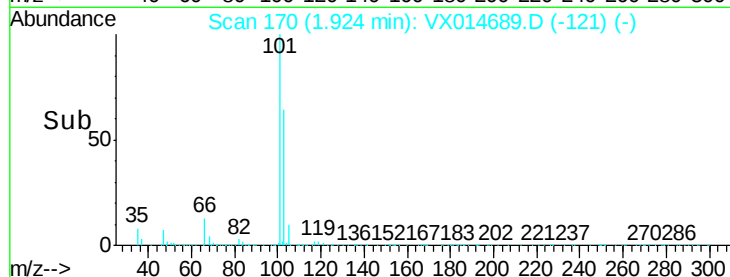
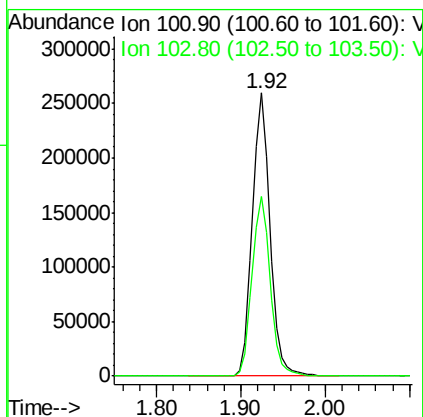
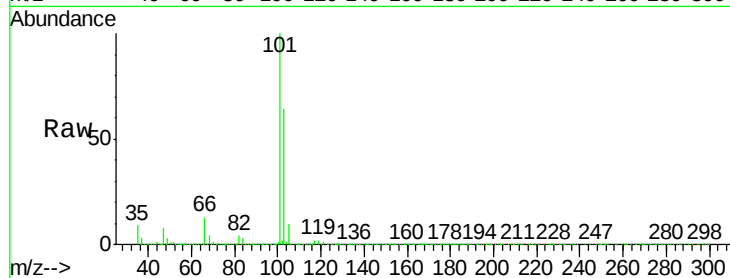
Trichlorofluoromethane
Concen: 48.439 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.0	76.6

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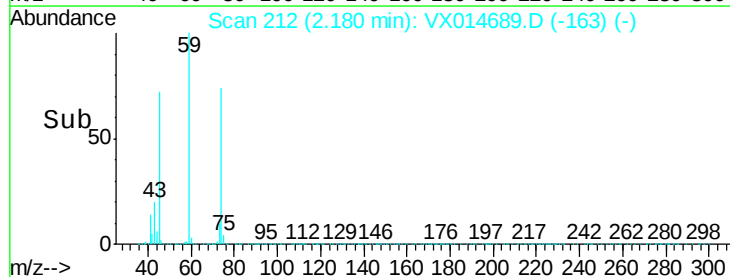
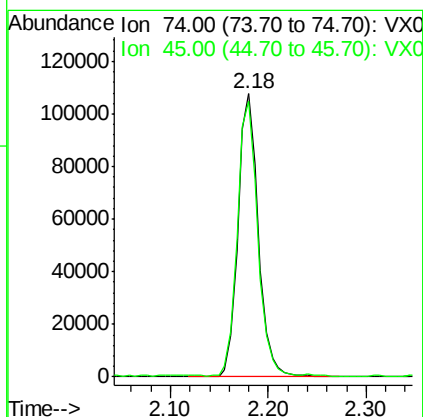
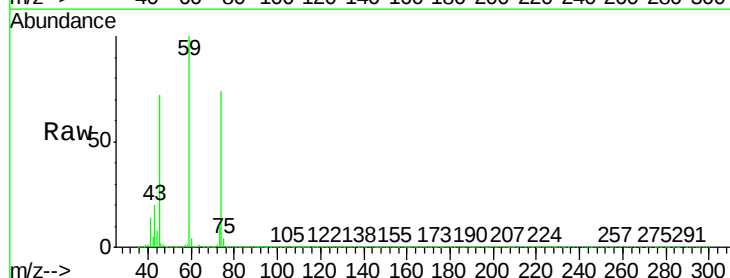
MMDadoda
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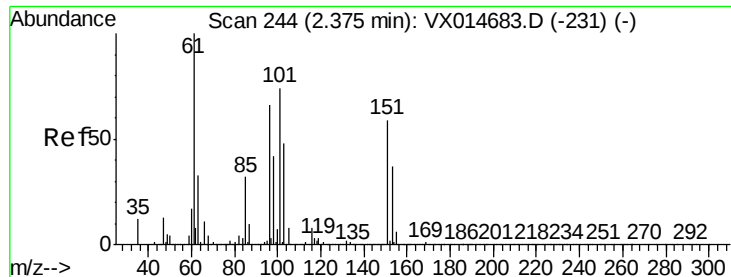


#8

Diethyl Ether
Concen: 46.845 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.992 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

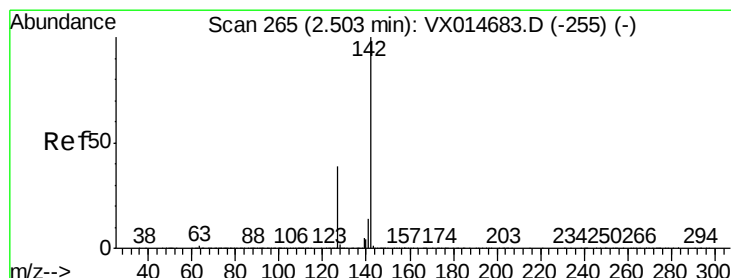
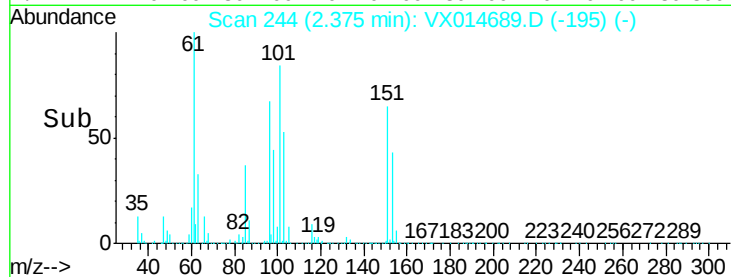
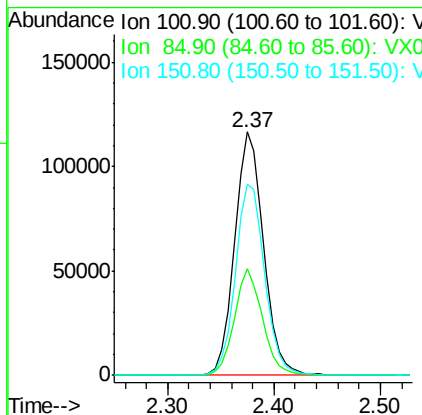
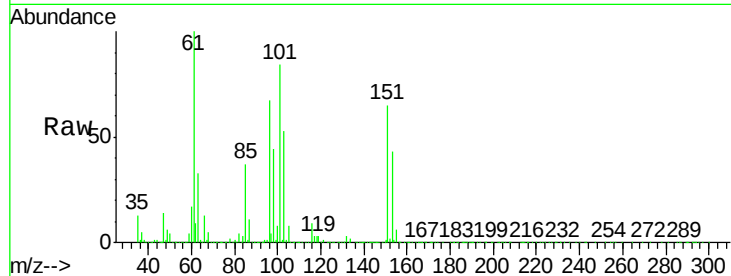
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	222763
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.7	52.1
151	79.5	64.7	97.1

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#10

Methyl Iodide

Concen: 50.147 ug/l

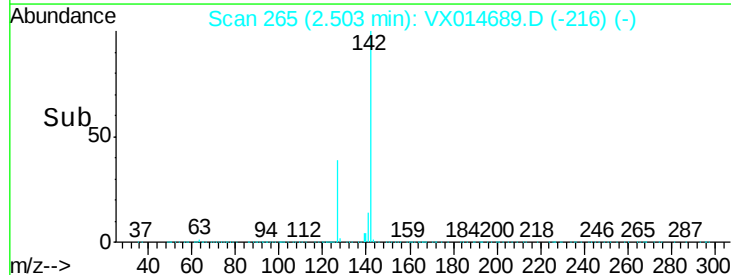
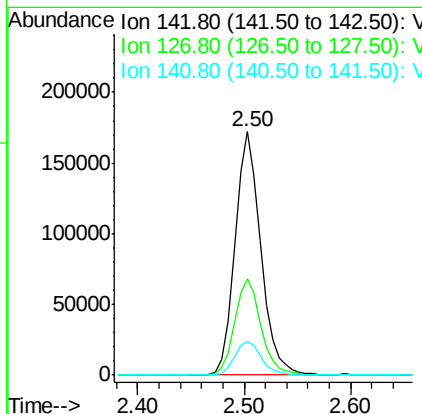
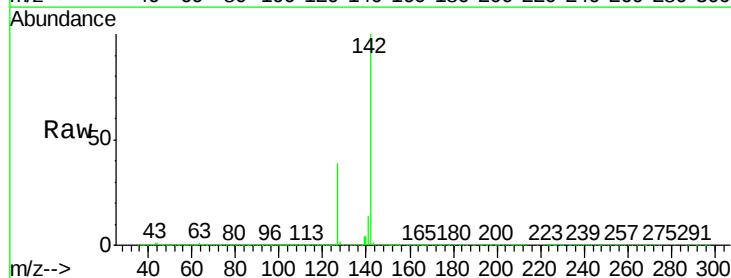
RT: 2.50 min Scan# 265

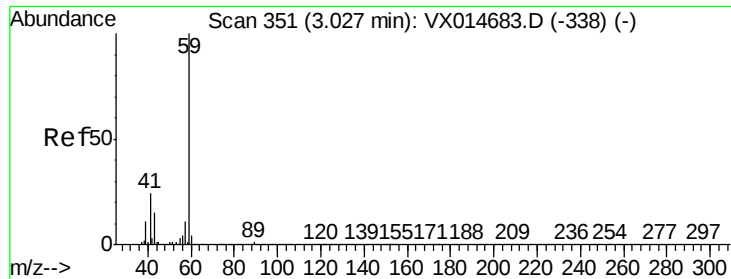
Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion:	142	Resp:	293205
Ion Ratio	Lower	Upper	
142	100		
127	40.2	31.1	46.7
141	14.4	11.3	16.9





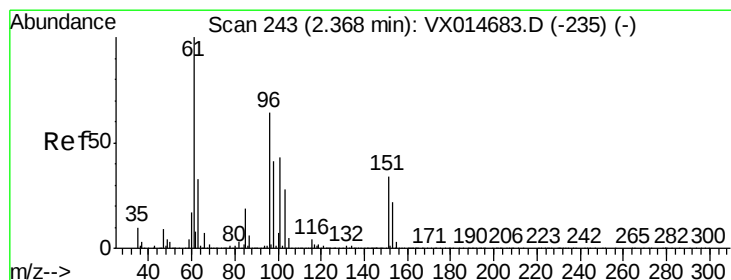
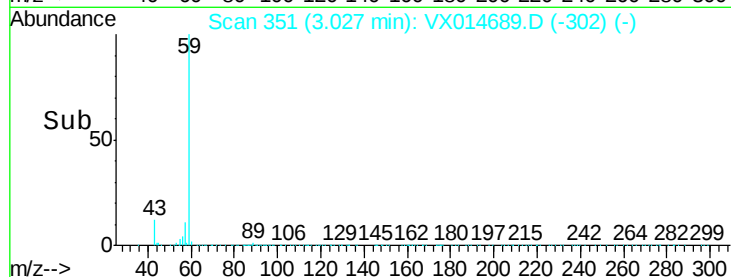
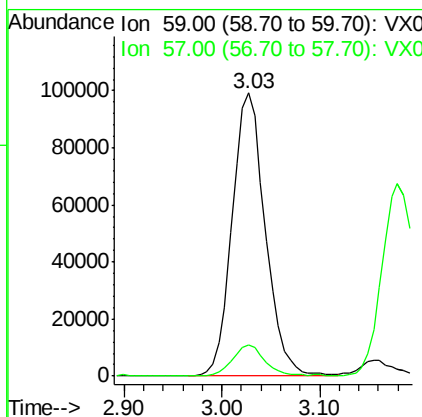
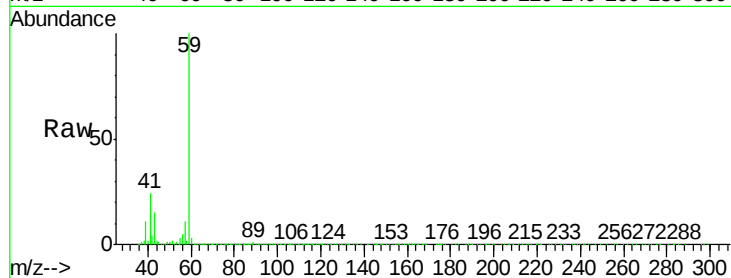
#11
Tert butyl alcohol
Concen: 198.055 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

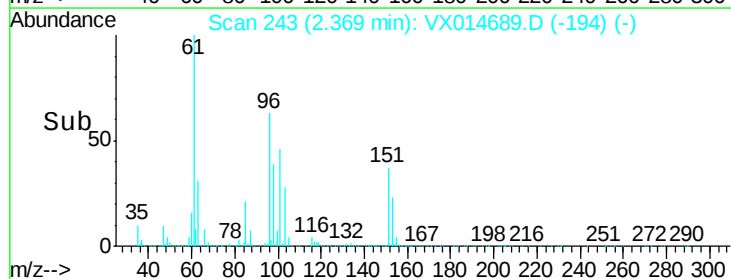
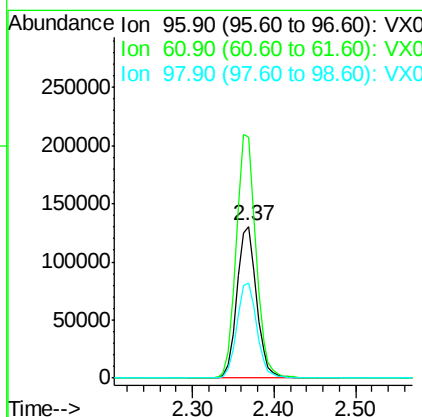
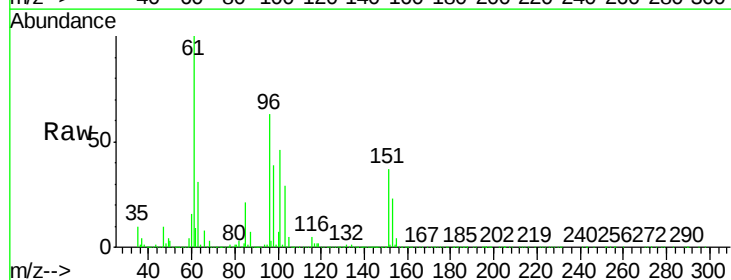
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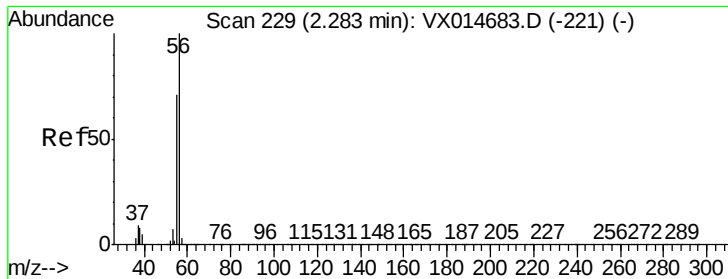
MMDadoda
1/27/2020 10:40:10 AM



#12
1,1-Dichloroethene
Concen: 48.178 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	125.8	188.8
98	62.7	51.5	77.3





#13

Acrolein

Concen: 211.044 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 194433

Ion Ratio Lower Upper

56 100

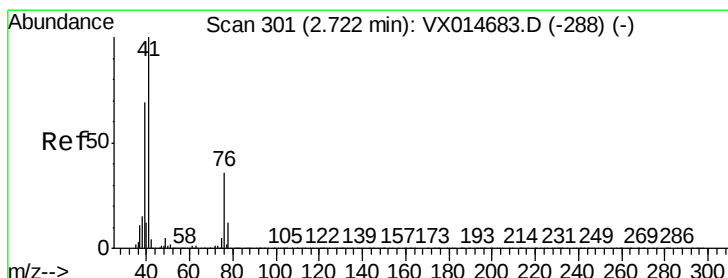
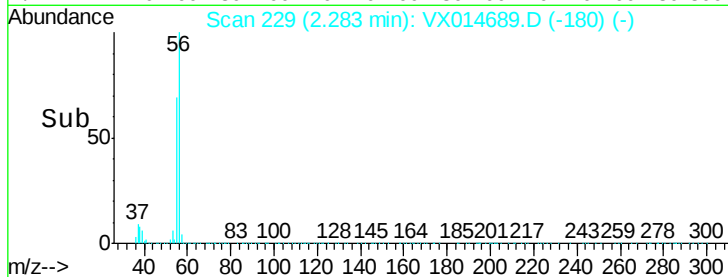
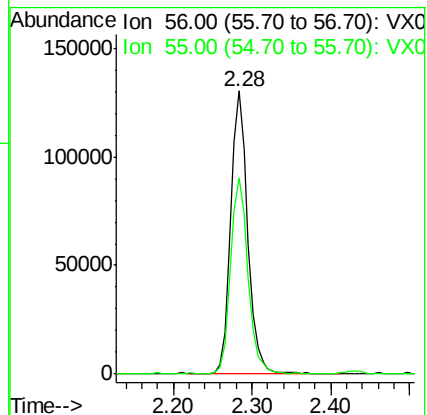
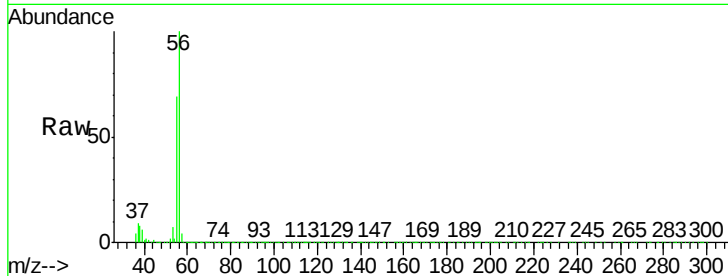
55 70.3 56.6 84.8

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#14

Allyl chloride

Concen: 48.683 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

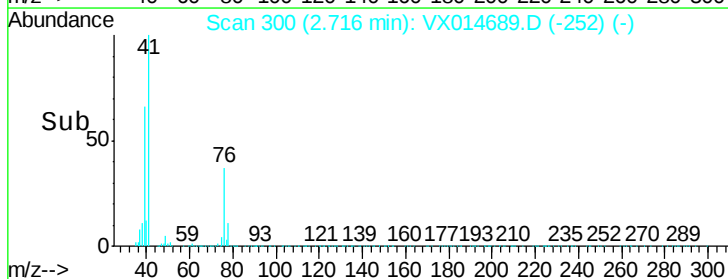
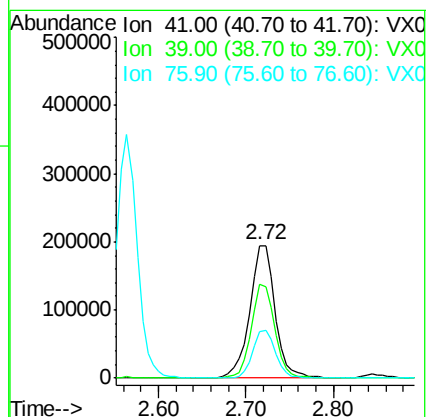
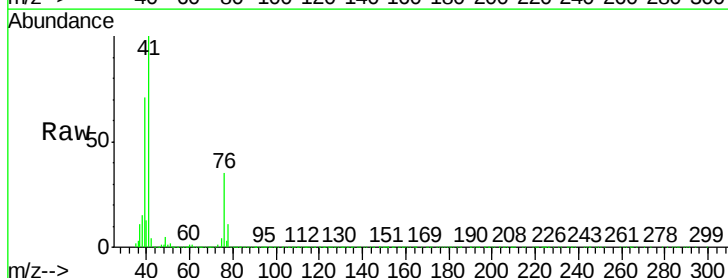
Tgt Ion: 41 Resp: 387682

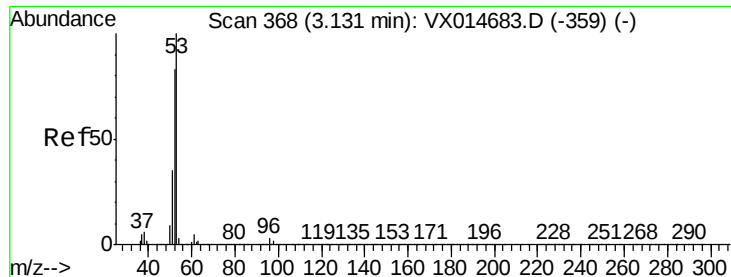
Ion Ratio Lower Upper

41 100

39 65.7 52.0 78.0

76 32.3 26.0 39.0





#15

Acrylonitrile

Concen: 229.321 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

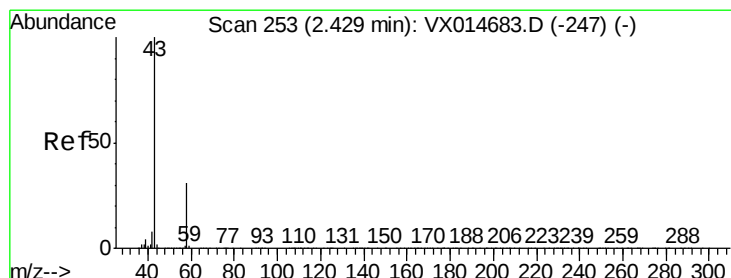
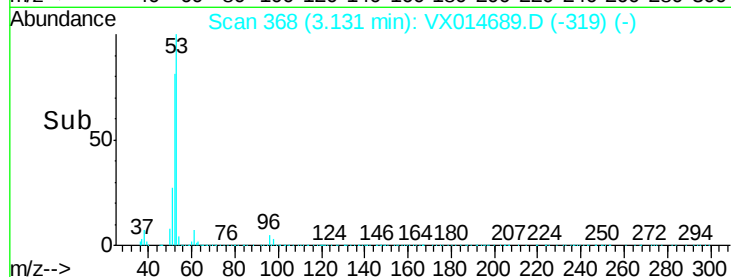
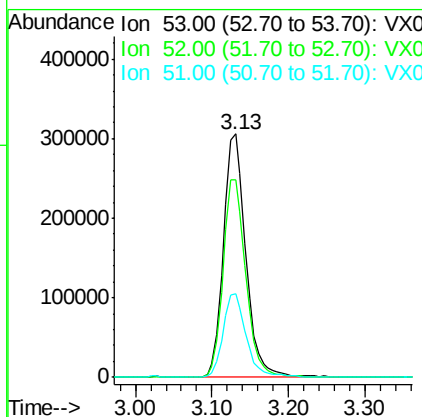
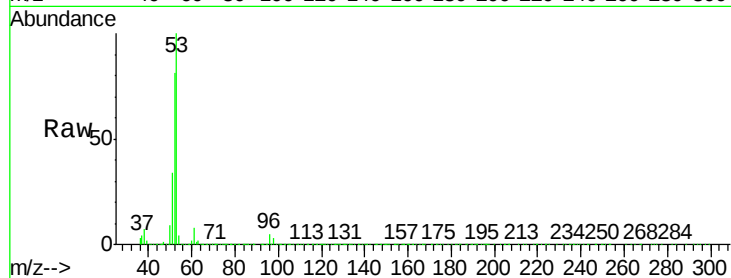
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	619971
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.4	99.6
51	35.6	28.7	43.1

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#16

Acetone

Concen: 229.623 ug/l

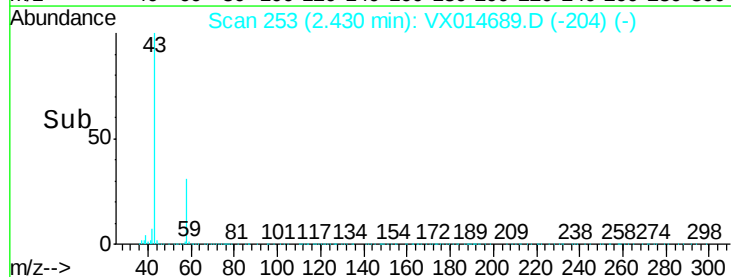
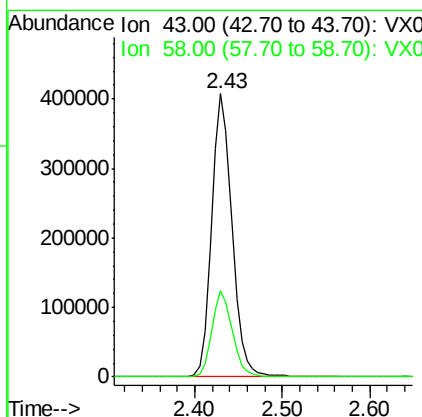
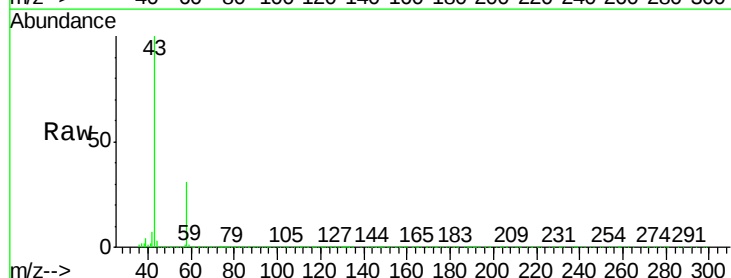
RT: 2.43 min Scan# 253

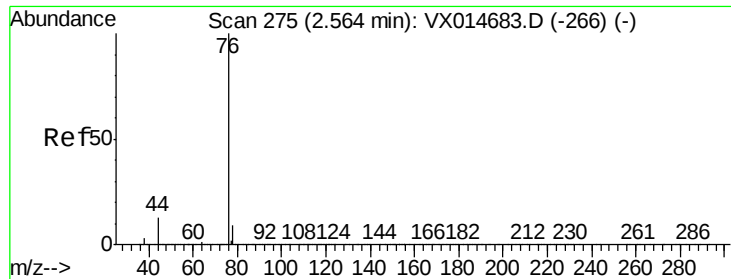
Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion:	43	Resp:	654932
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.5	36.7





#17

Carbon Disulfide

Concen: 48.247 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 584211

Ion Ratio Lower Upper

76 100

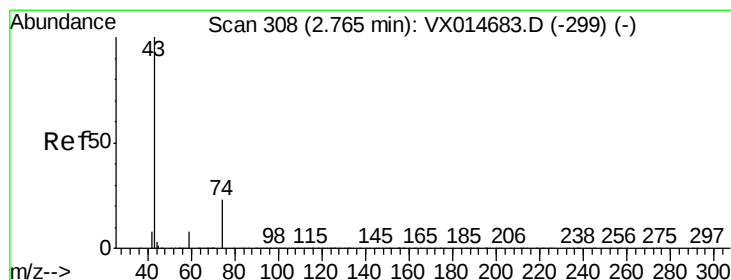
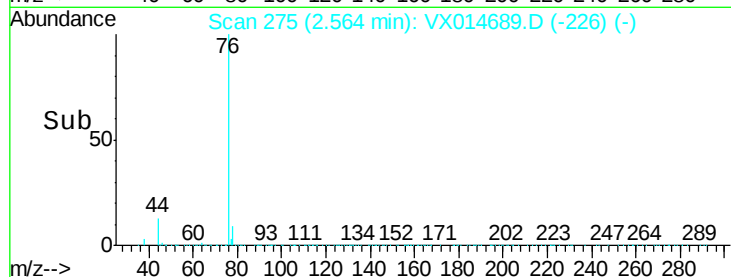
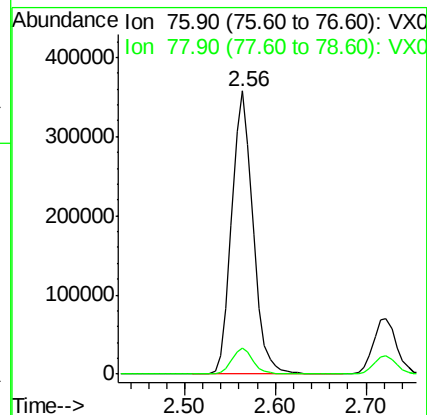
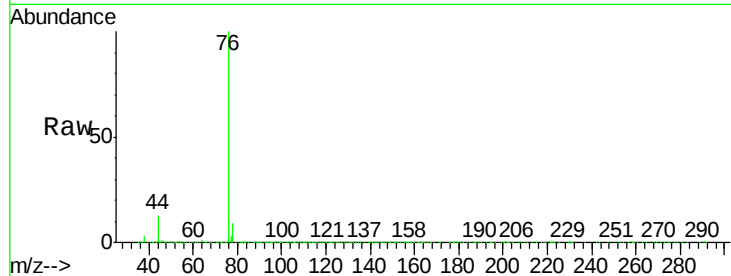
78 9.0 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 45.701 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014689.D

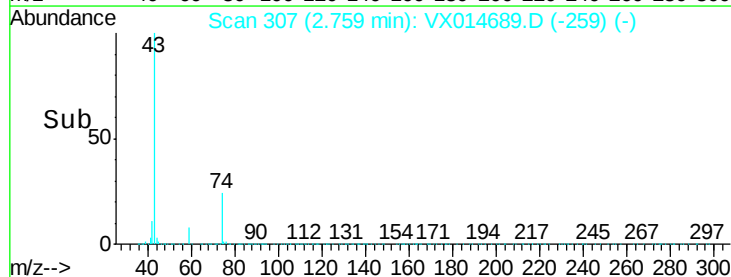
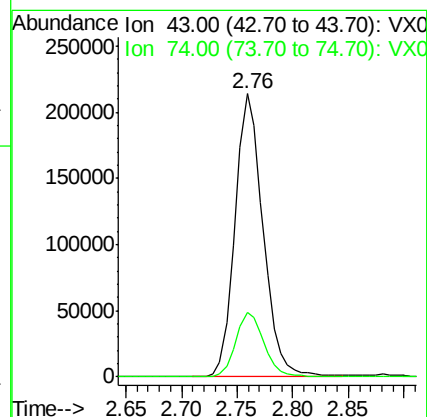
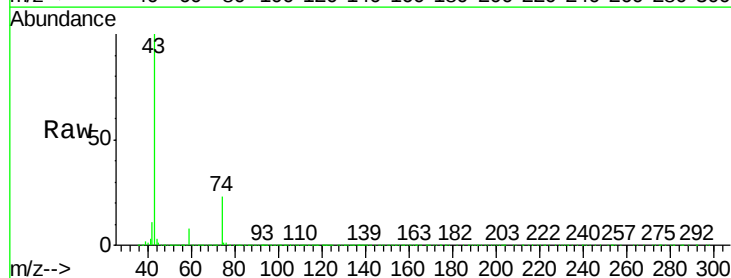
Acq: 24 Jan 2020 10:15

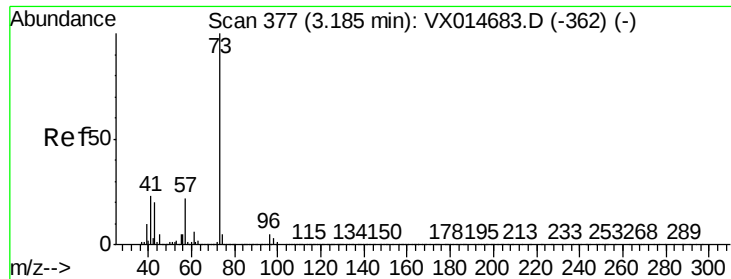
Tgt Ion: 43 Resp: 372091

Ion Ratio Lower Upper

43 100

74 22.9 18.5 27.7





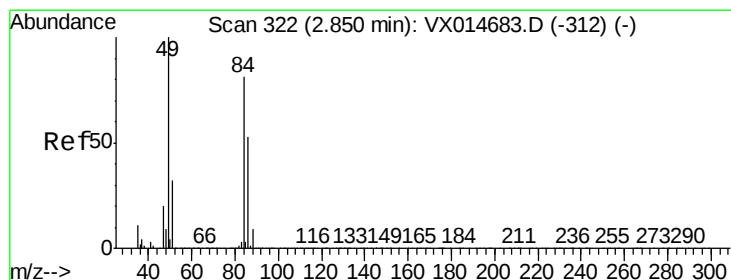
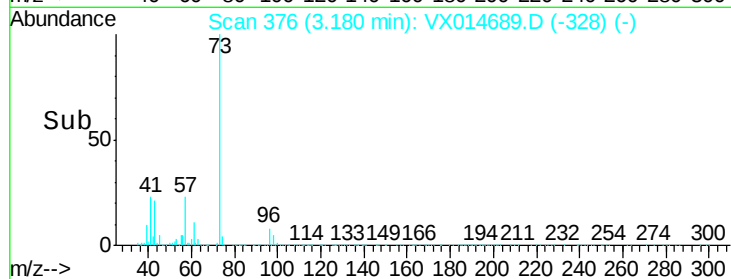
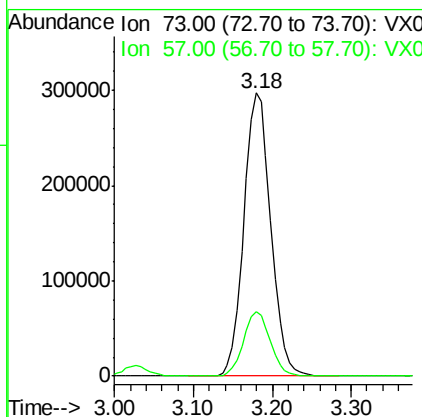
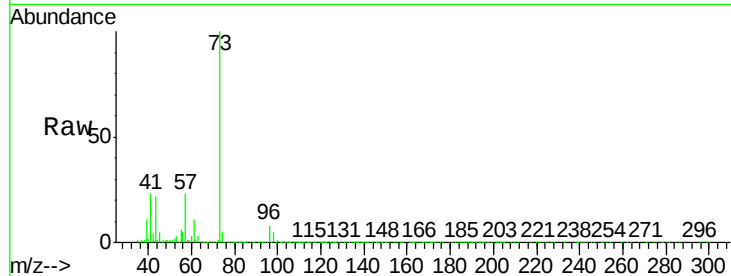
#19
Methvl tert-butvl Ether
Concen: 48.352 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.0	27.0

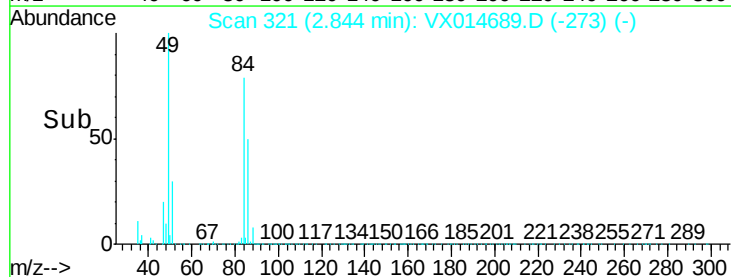
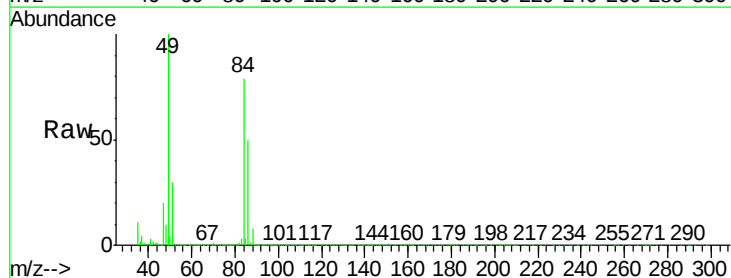
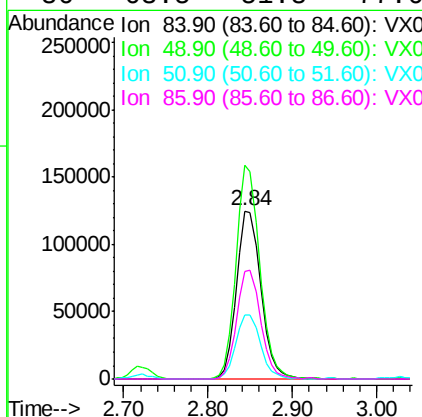
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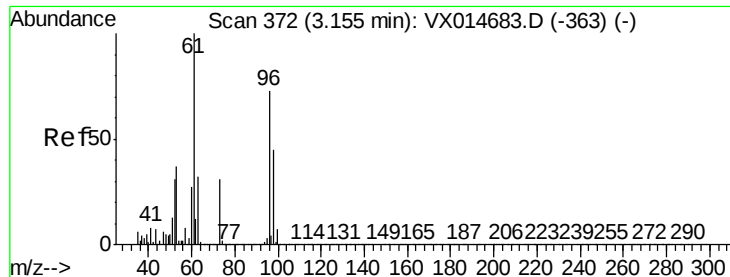
MMDadoda
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#20
Methylene Chloride
Concen: 45.886 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	98.2	147.4
51	37.6	31.3	46.9
86	63.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 46.899 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

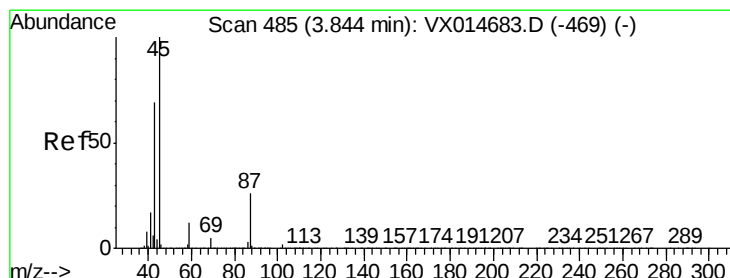
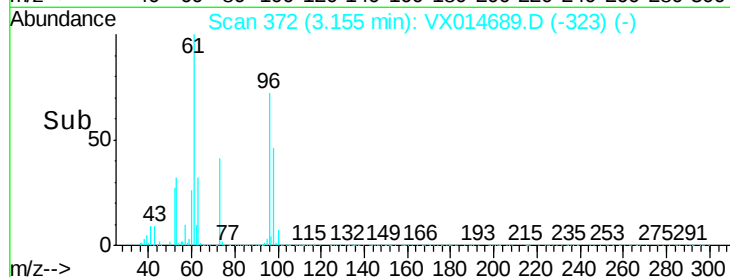
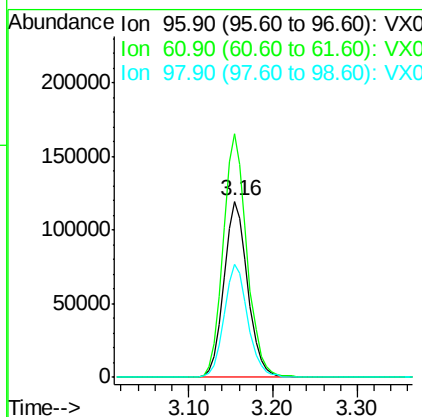
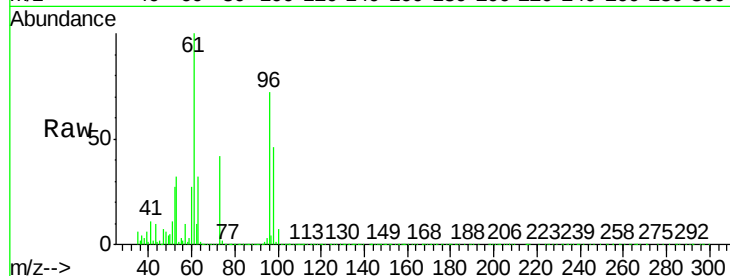
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	228779
Ion	Ratio	Lower	Upper
96	100		
61	138.3	109.8	164.6
98	64.0	49.6	74.4

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#22

Diisopropyl ether

Concen: 49.673 ug/l

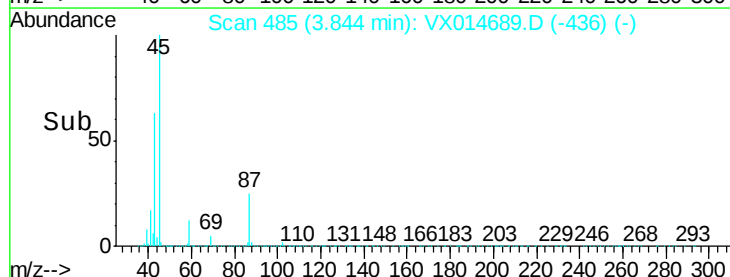
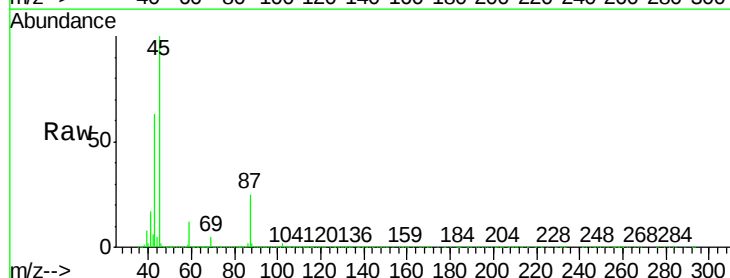
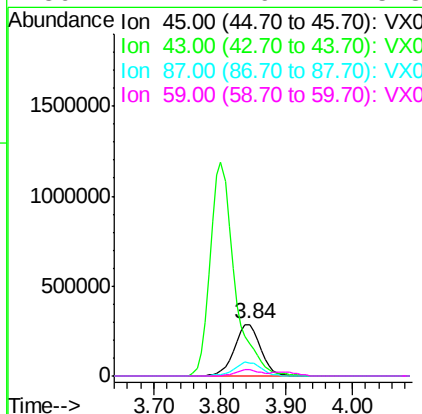
RT: 3.84 min Scan# 485

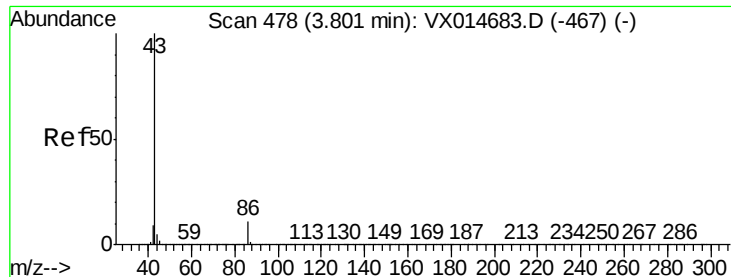
Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion:	45	Resp:	786991
Ion	Ratio	Lower	Upper
45	100		
43	62.3	55.1	82.7
87	24.8	20.7	31.1
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 252.839 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3053618

Ion Ratio Lower Upper

43 100

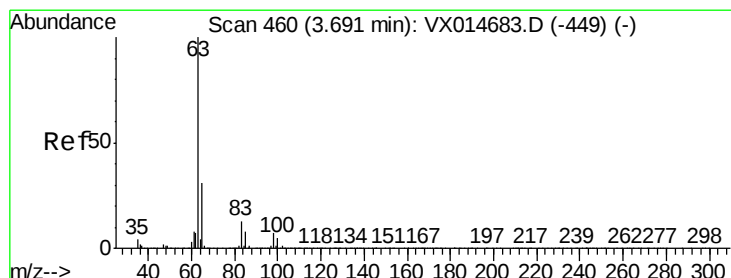
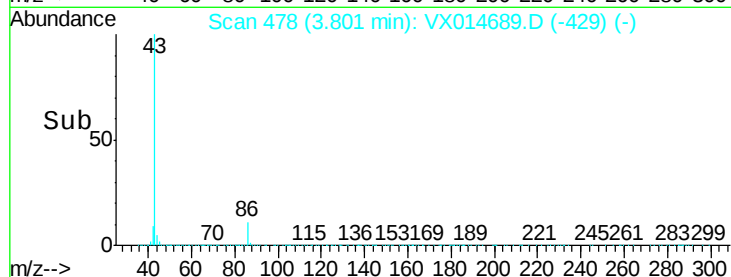
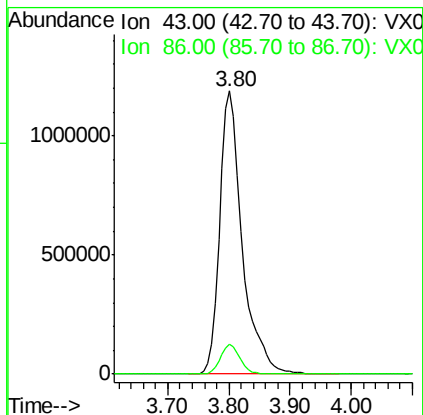
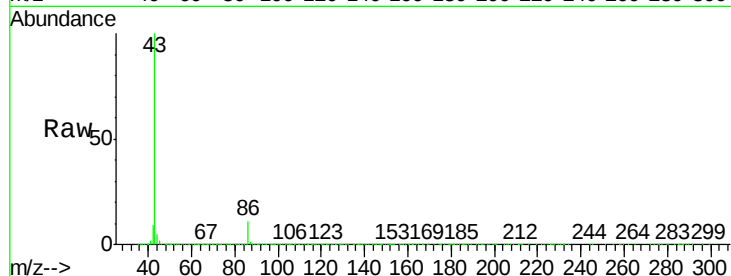
86 10.6 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.178 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

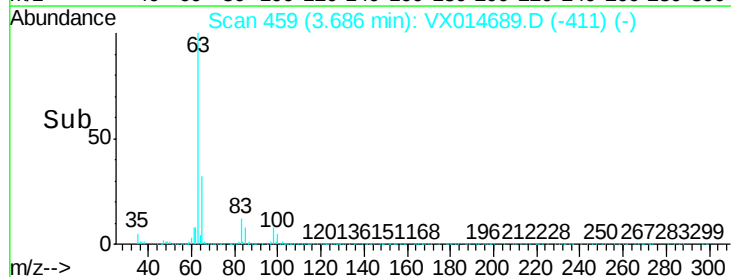
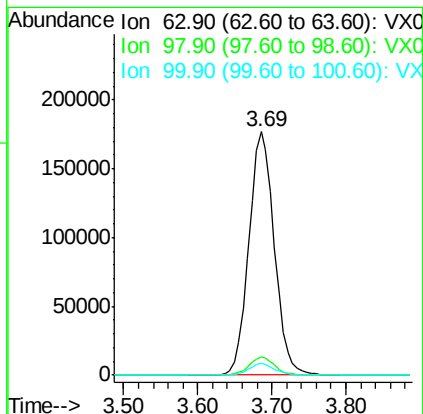
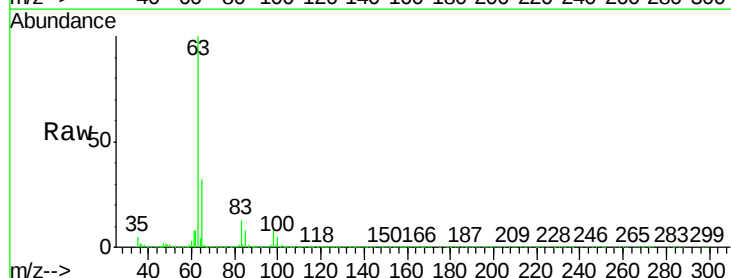
Tgt Ion: 63 Resp: 423137

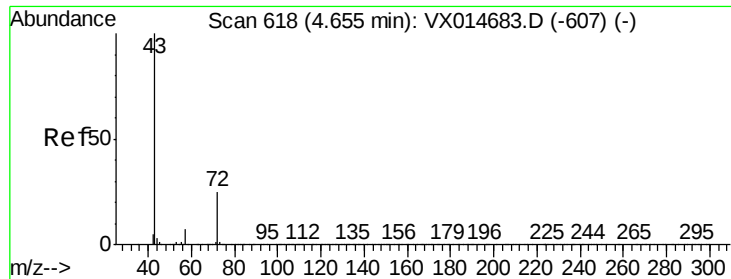
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 227.413 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 929372

Ion Ratio Lower Upper

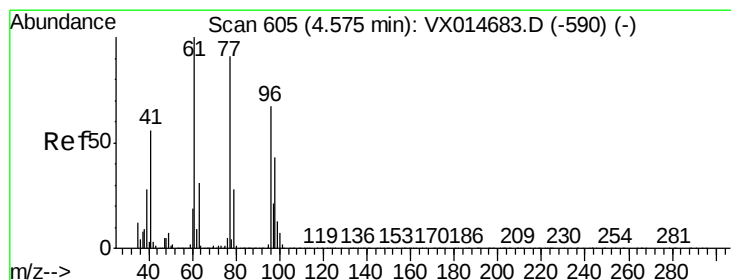
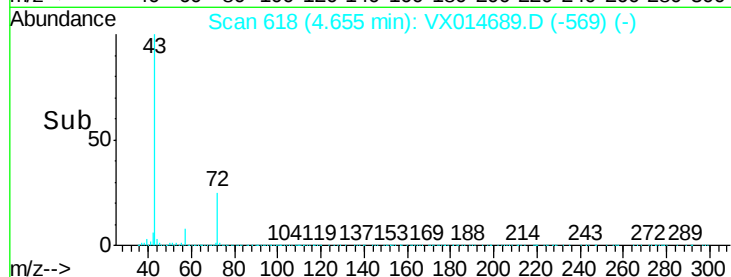
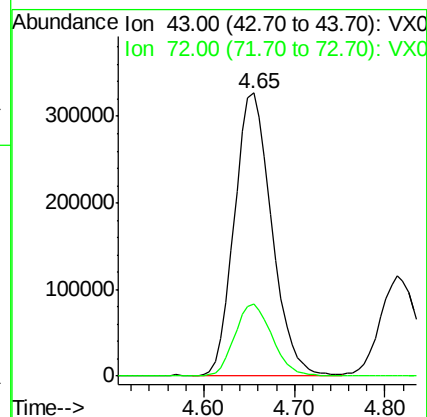
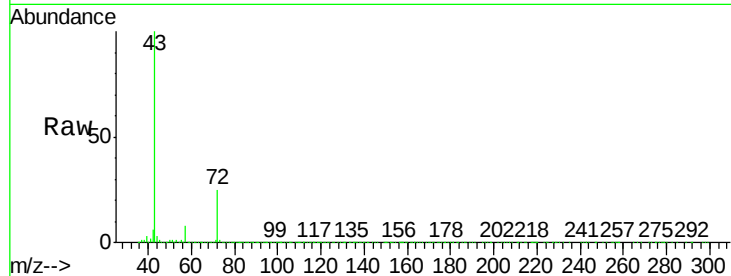
43 100

72 25.3 19.9 29.9

Manual Integrations
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MMDadoda

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#26

2,2-Dichloropropane

Concen: 48.843 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014689.D

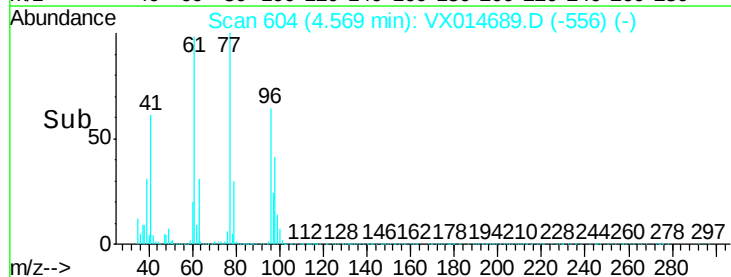
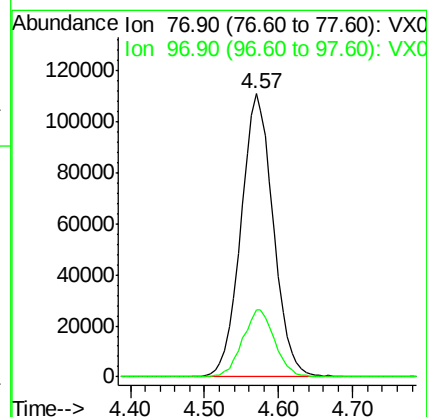
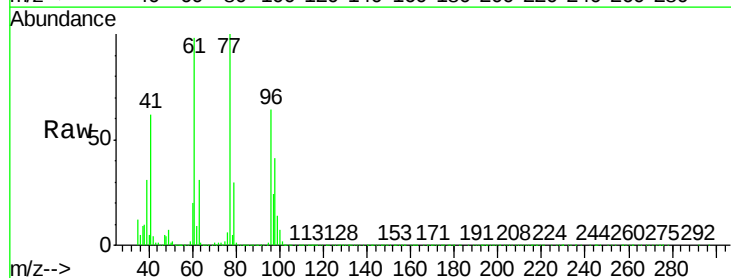
Acq: 24 Jan 2020 10:15

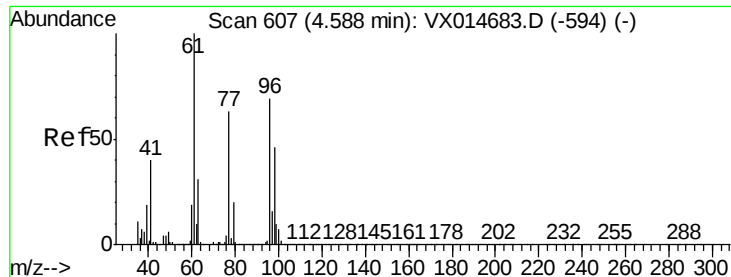
Tgt Ion: 77 Resp: 336379

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

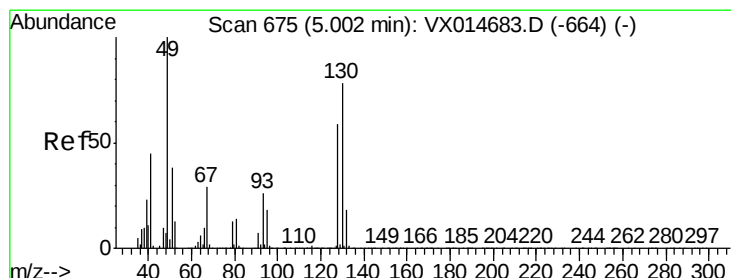
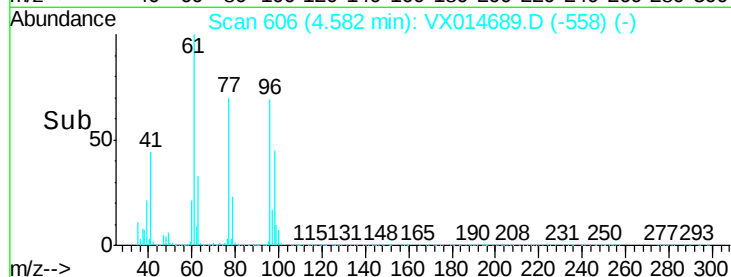
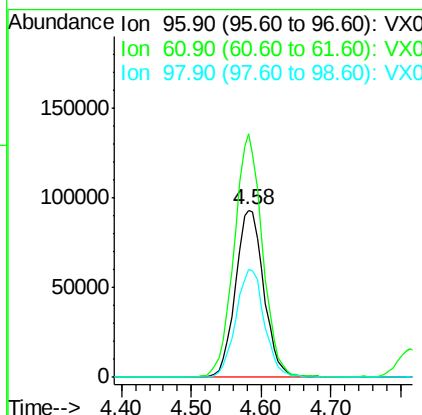
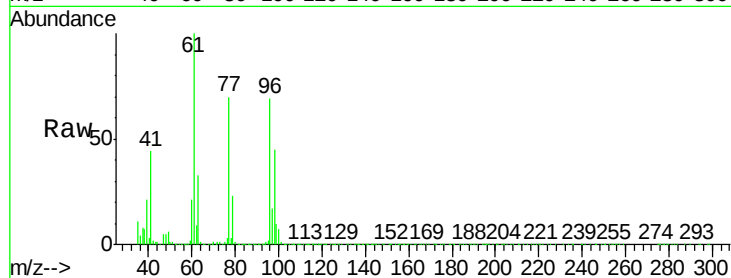
cis-1,2-Dichloroethene
Concen: 47.917 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	261607		
61	144.7	0.0	291.0	
98	65.2	0.0	129.8	

Manual Integrations
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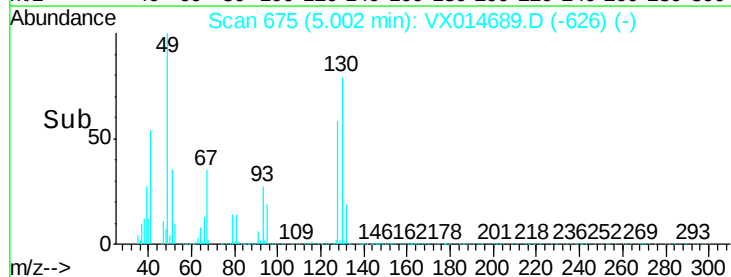
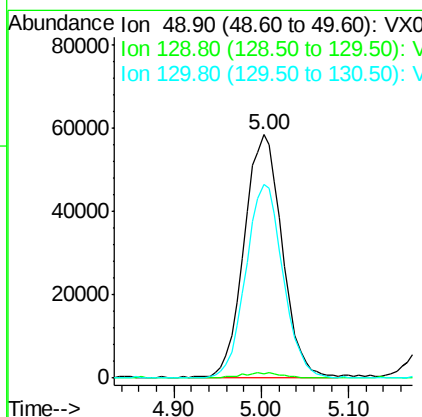
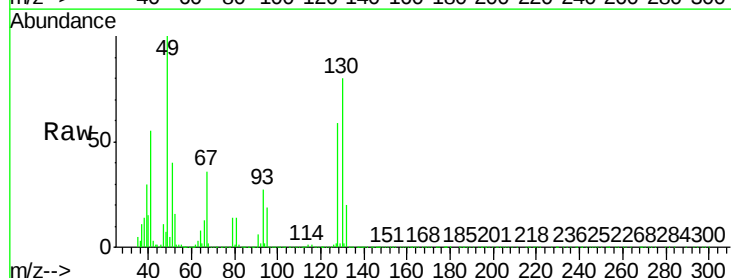
MMDadoda
1/27/2020 10:40:10 AM

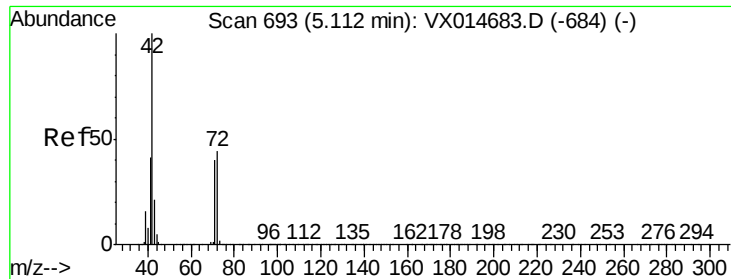


#28

Bromochloromethane
Concen: 46.356 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	175271		
129	2.4	0.0	4.8	
130	78.7	62.4	93.6	





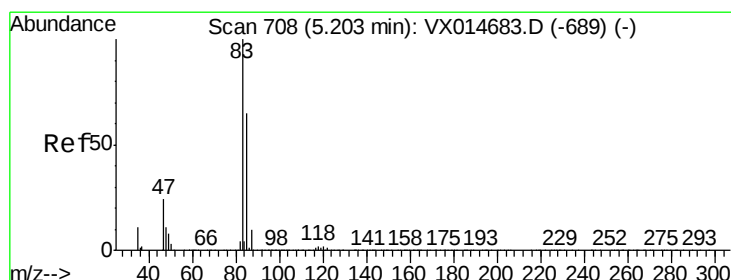
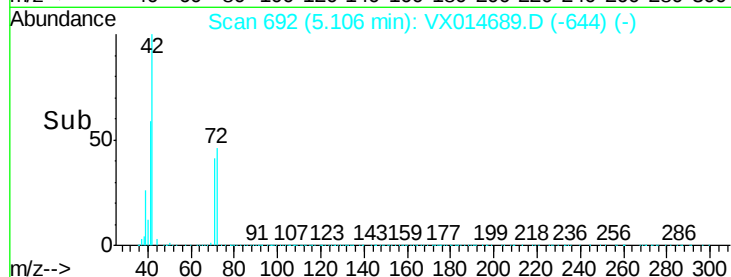
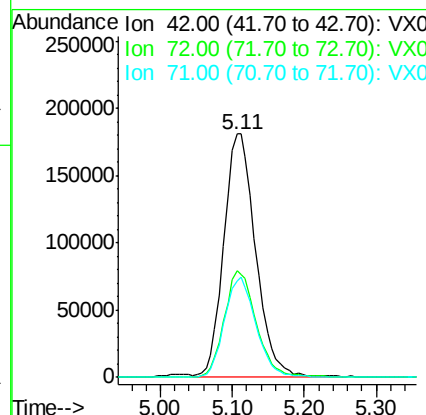
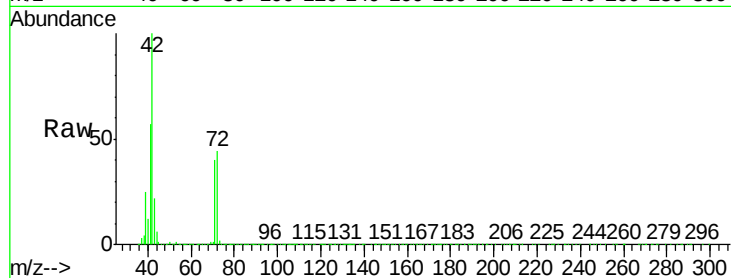
#29
Tetrahydrofuran
Concen: 227.363 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.3	52.9
71	40.8	33.1	49.7

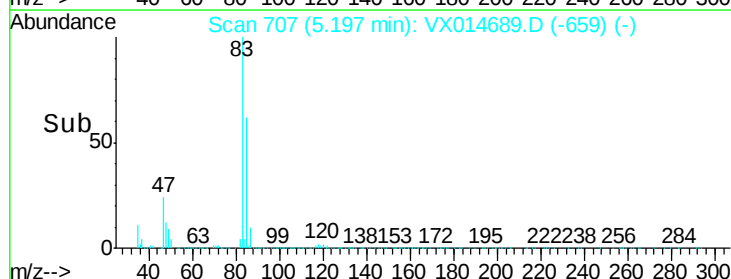
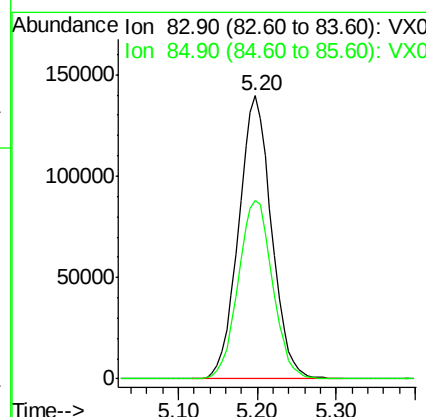
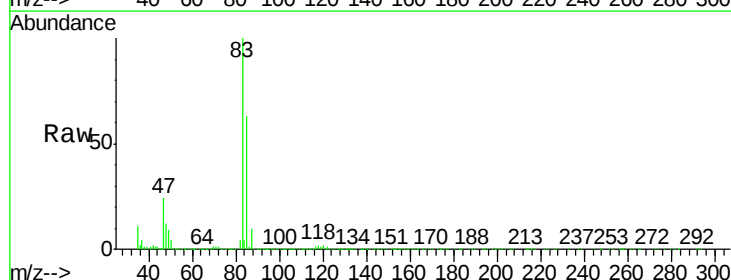
Manual Integrations
APPROVED

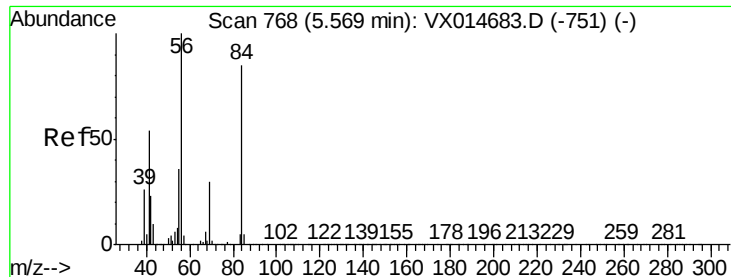
MMDadoda
1/27/2020 10:40:10 AM



#30
Chloroform
Concen: 47.291 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.7	77.5





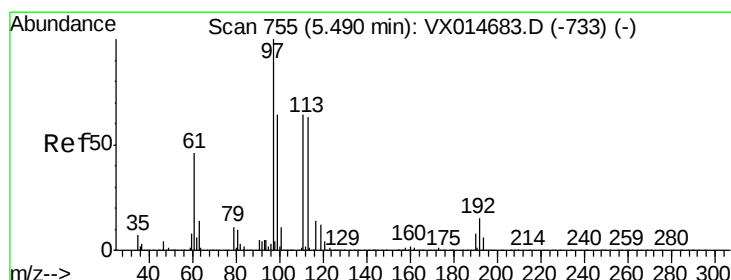
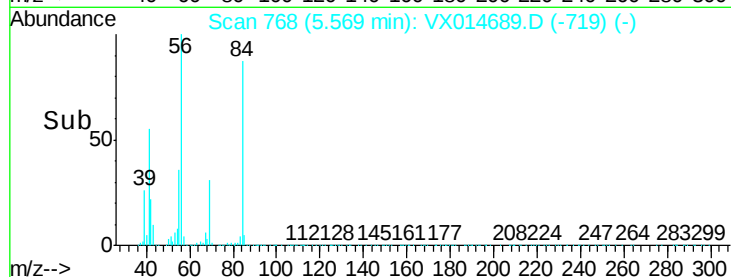
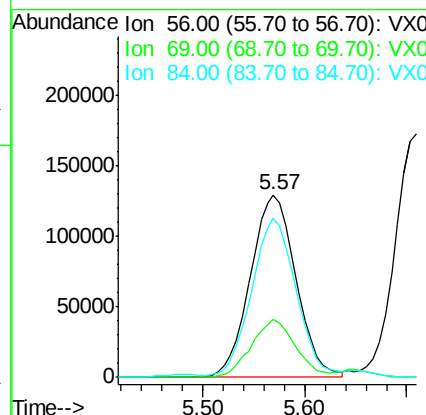
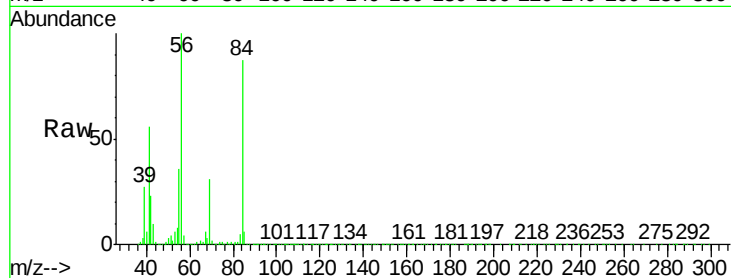
#31
Cyclohexane
Concen: 49.418 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.4	35.2
84	86.1	68.4	102.6

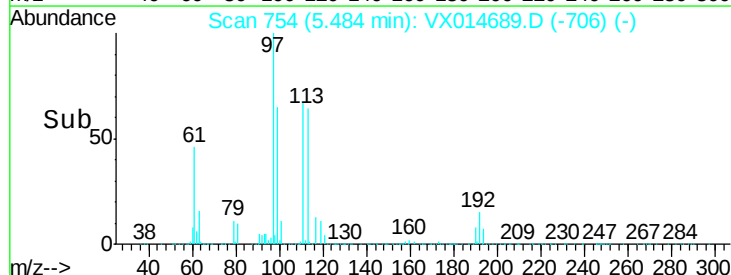
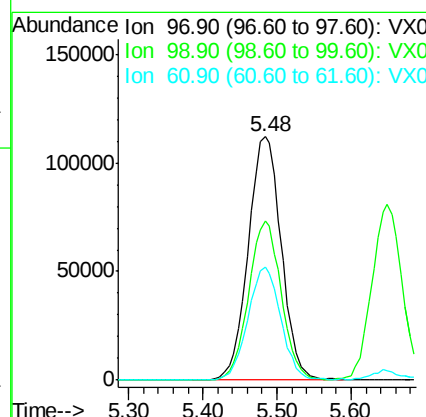
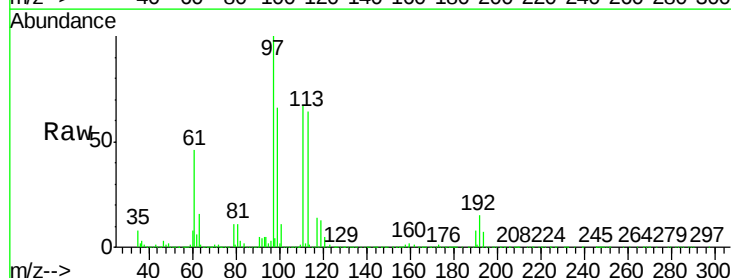
Manual Integrations
APPROVED

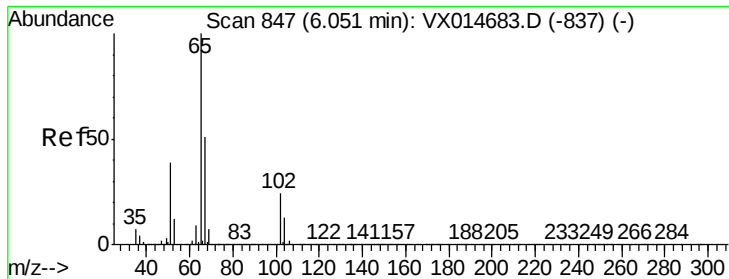
MMDadoda
1/27/2020 10:40:10 AM



#32
1,1,1-Trichloroethane
Concen: 48.359 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	45.8	37.2	55.8





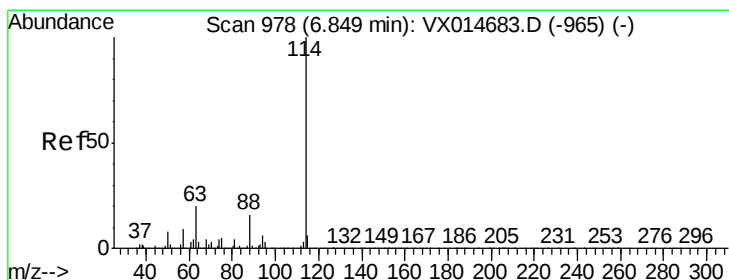
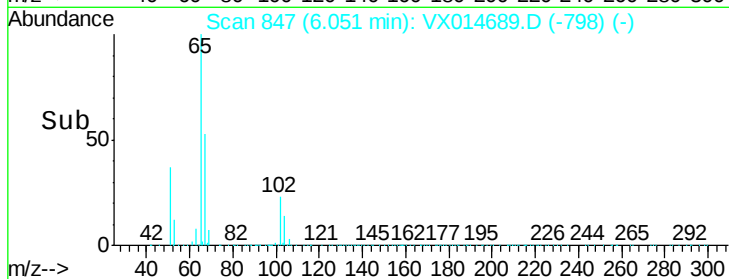
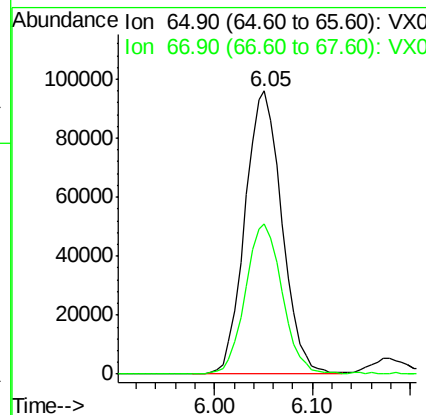
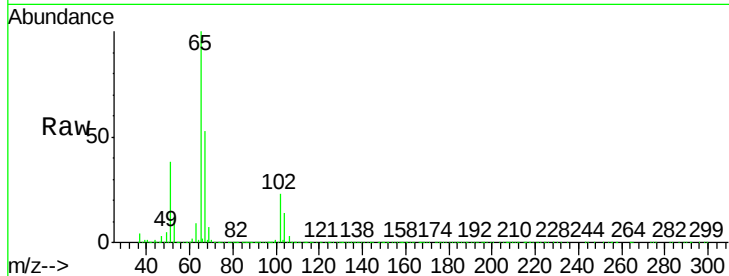
#33
 1,2-Dichloroethane-d4
 Concen: 48.300 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.4

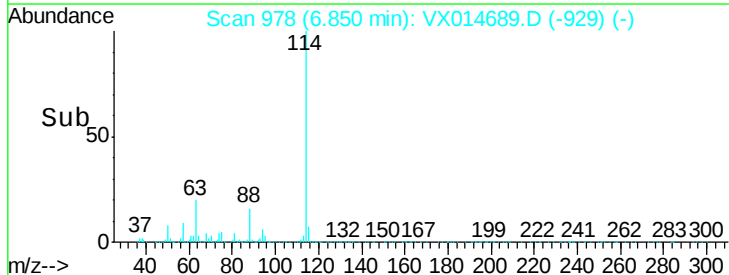
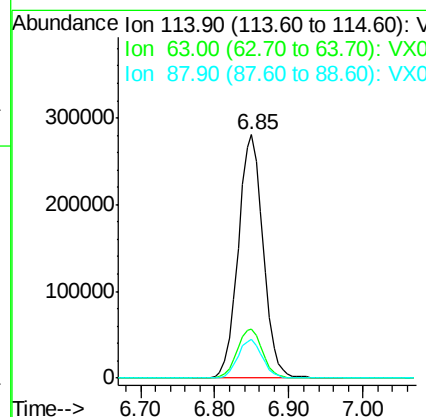
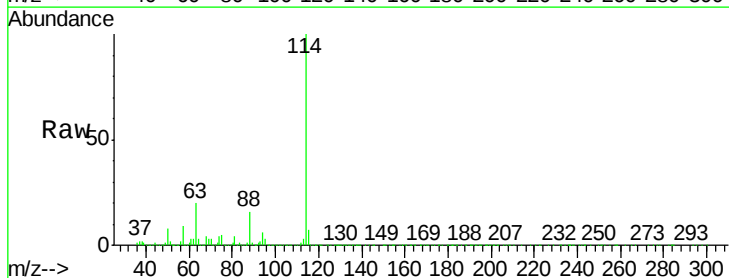
Manual Integrations
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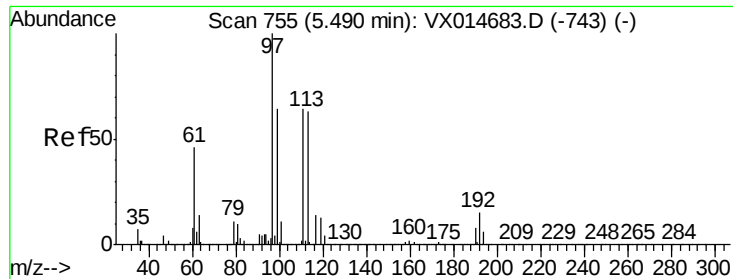
MMDadoda
 1/27/2020 10:40:10 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	15.7	0.0	31.2





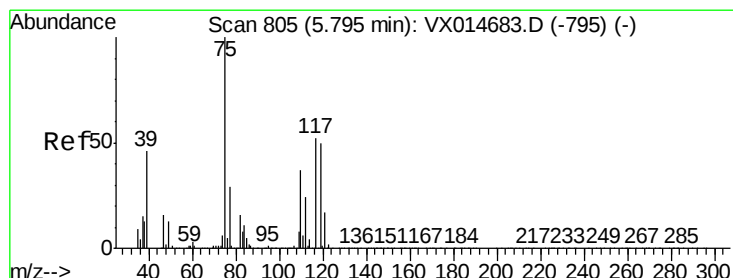
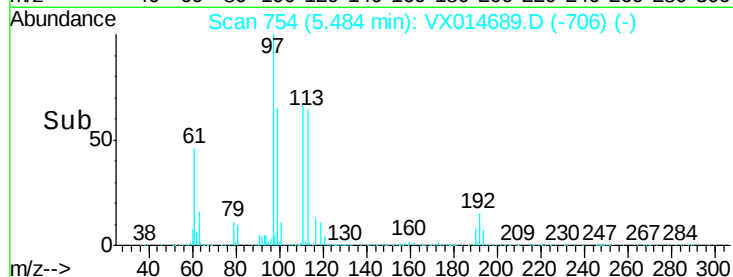
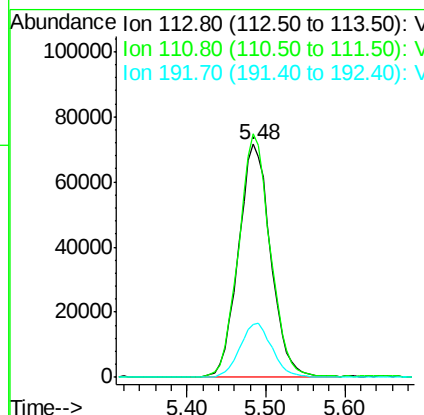
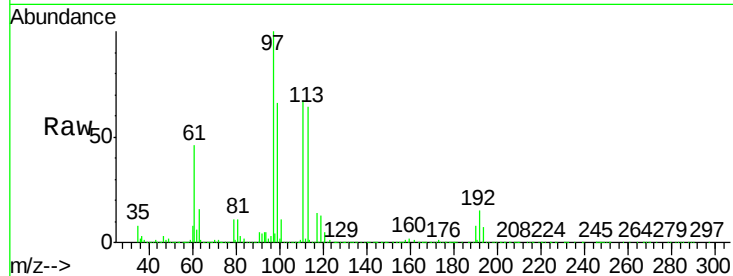
#35
 Dibromofluoromethane
 Concen: 48.988 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	23.3	18.5	27.7

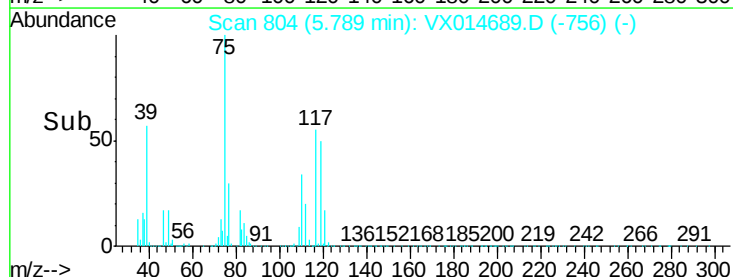
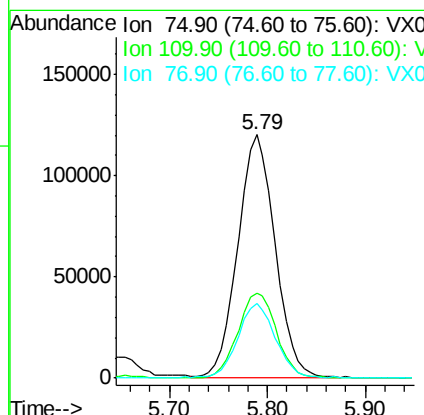
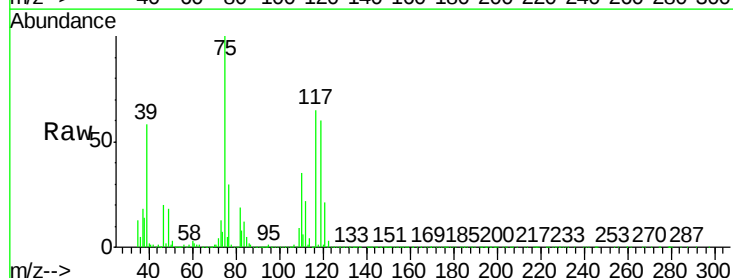
Manual Integrations
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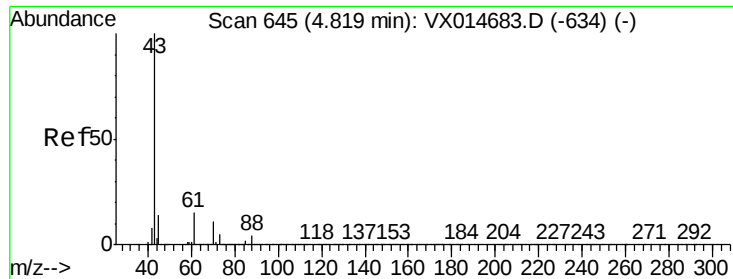
MMDadoda
 1/27/2020 10:40:10 AM



#36
 1,1-Dichloropropene
 Concen: 51.871 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	30.4	24.1	36.1





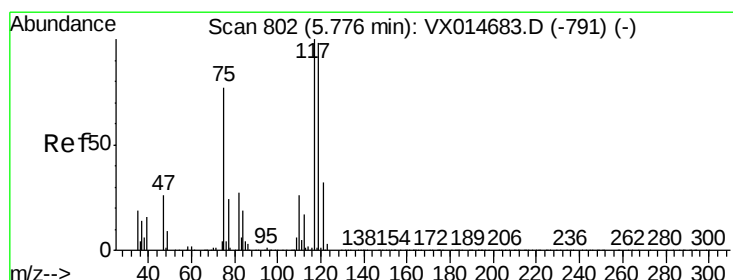
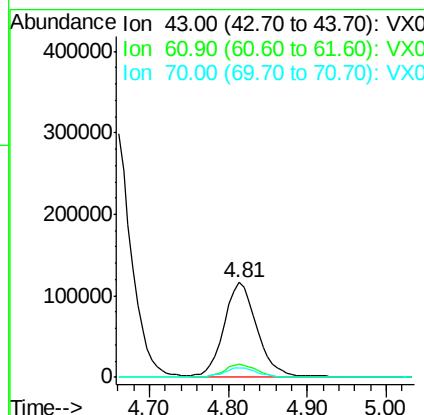
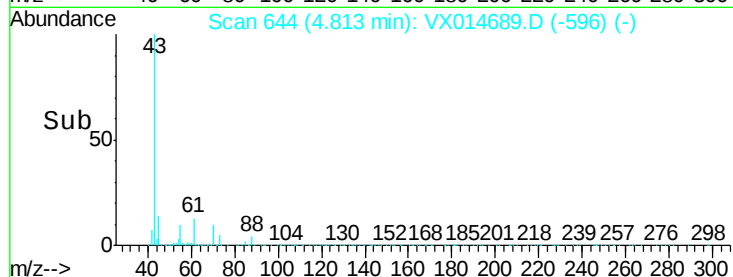
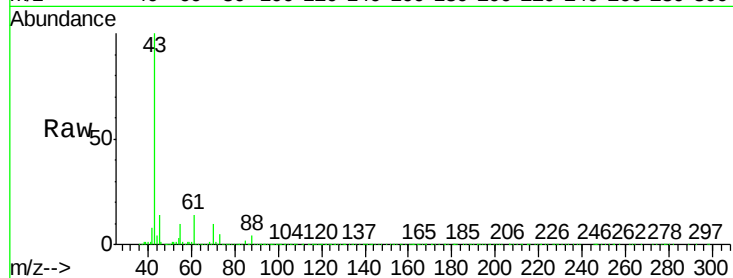
#37
Ethyl Acetate
Concen: 48.345 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	337402
Ion Ratio	Lower	Upper	
43	100		
61	13.2	11.0	16.4
70	10.6	8.5	12.7

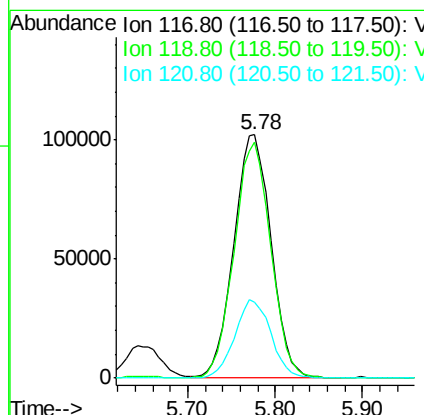
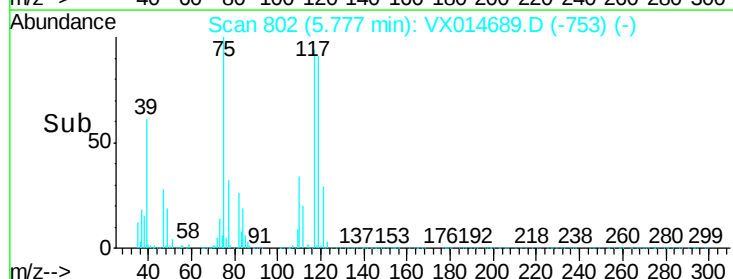
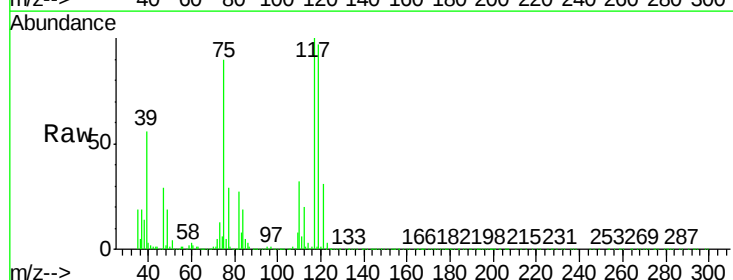
Manual Integrations
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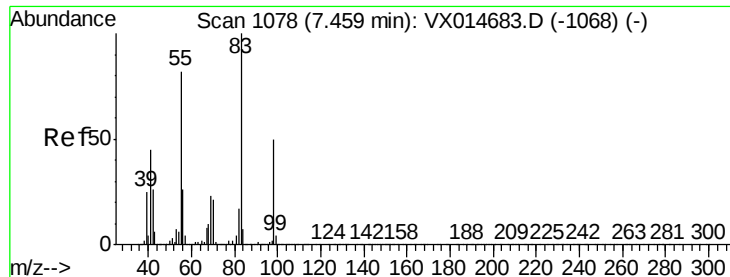
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.702 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion:	117	Resp:	300885
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.9	116.9
121	30.9	25.4	38.2





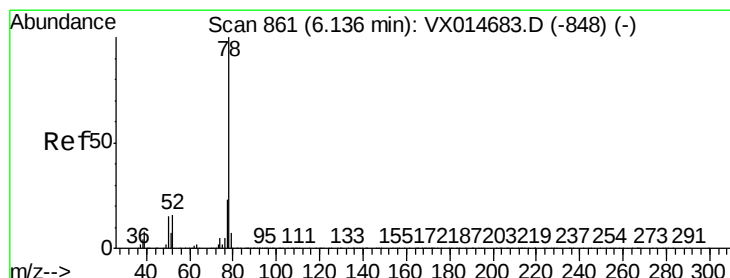
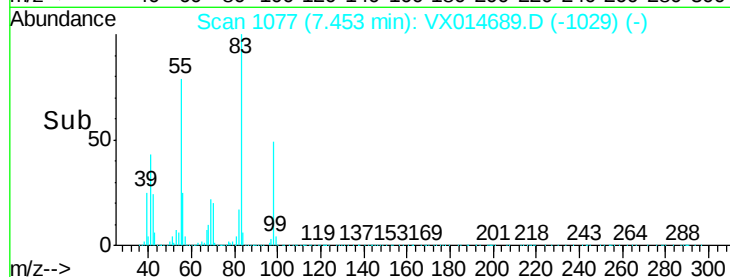
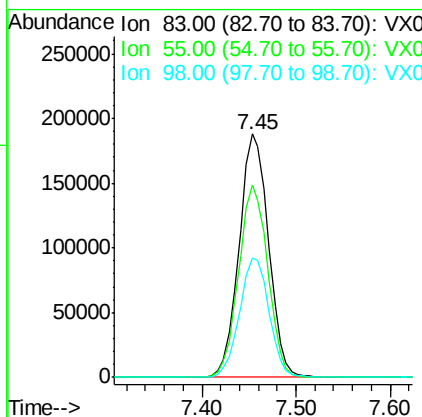
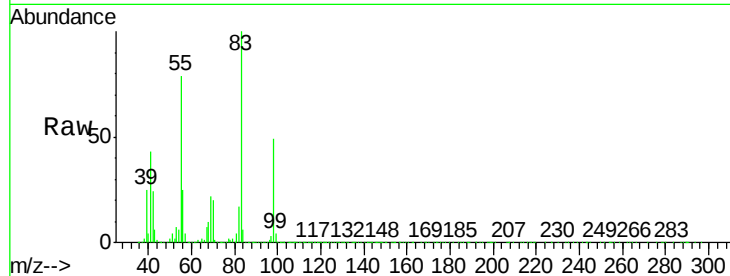
#39
Methvlcvclohexane
Concen: 53.233 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	65.6	98.4
98	49.1	40.2	60.4

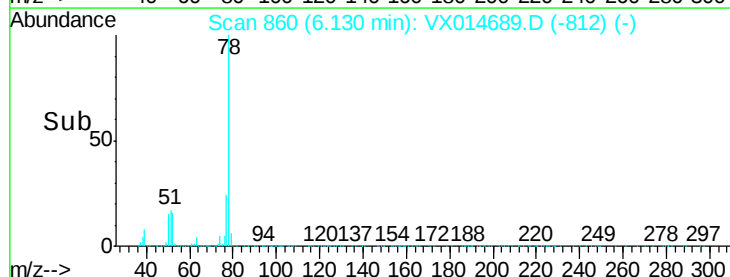
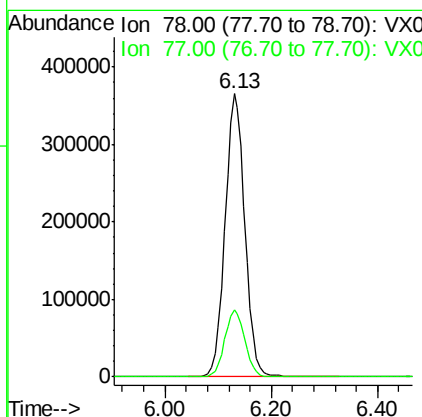
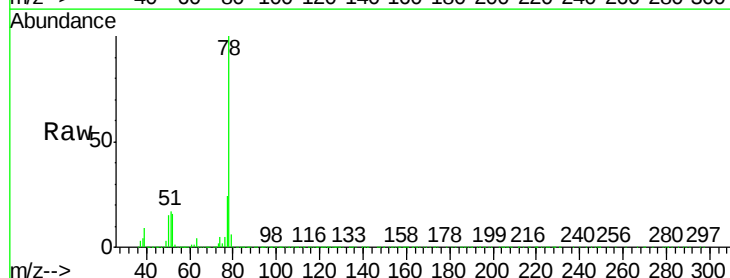
Manual Integrations
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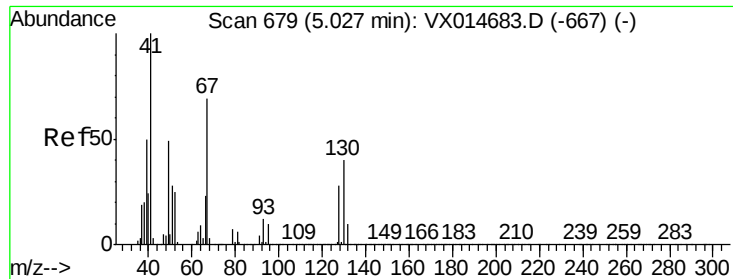
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#40
Benzene
Concen: 50.222 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





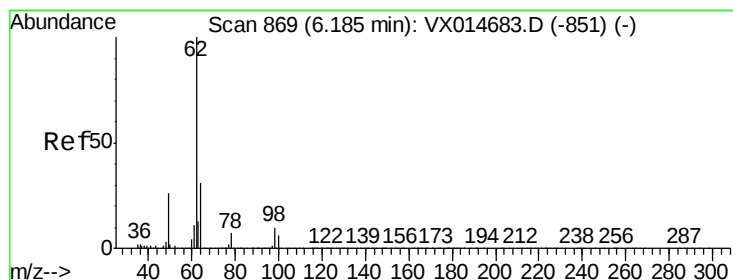
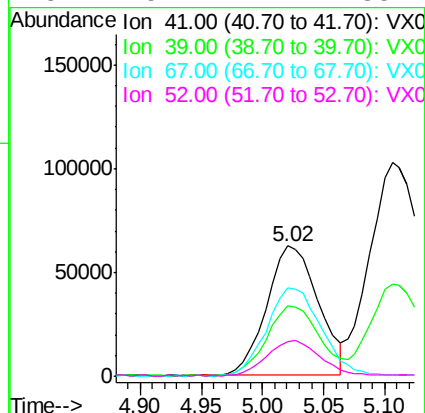
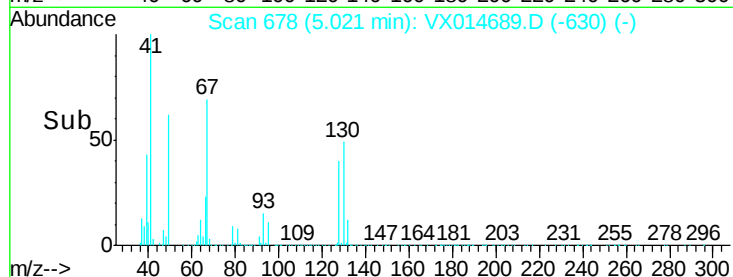
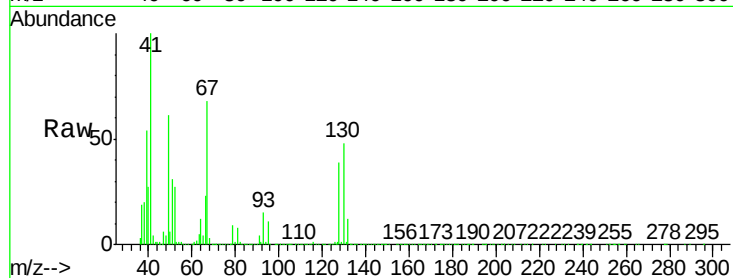
#41
Methacrylonitrile
Concen: 46.294 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	42.2	63.2		
67	71.5	55.4	83.0		
52	28.1	22.1	33.1		

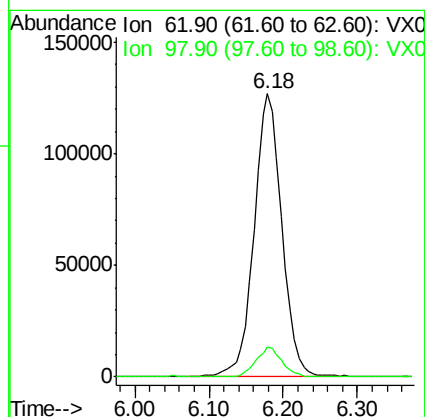
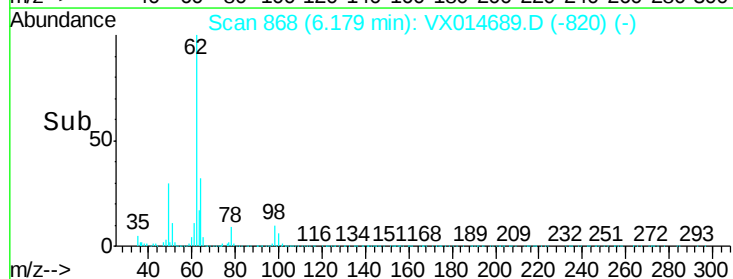
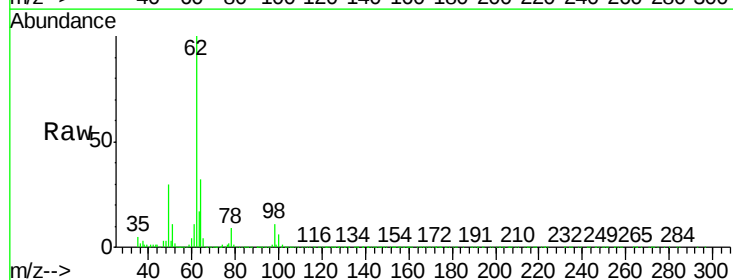
Manual Integrations
APPROVED

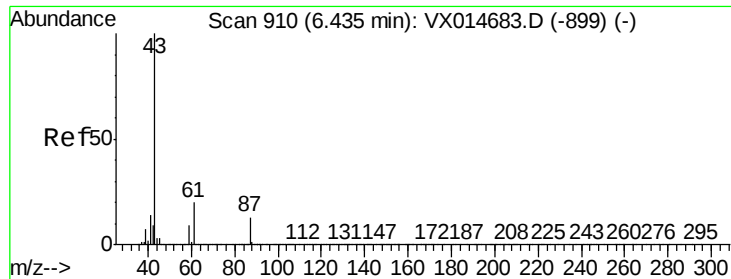
MMDadoda
1/27/2020 10:40:10 AM



#42
1,2-Dichloroethane
Concen: 50.752 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.7	0.0	20.0		





#43

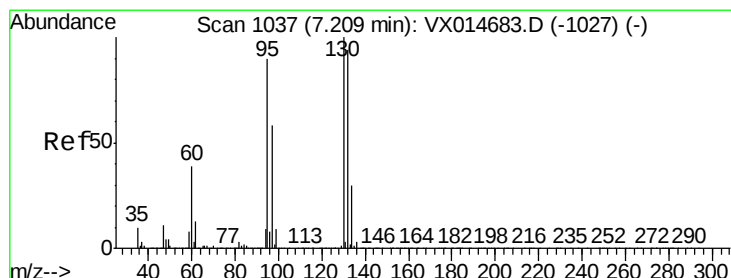
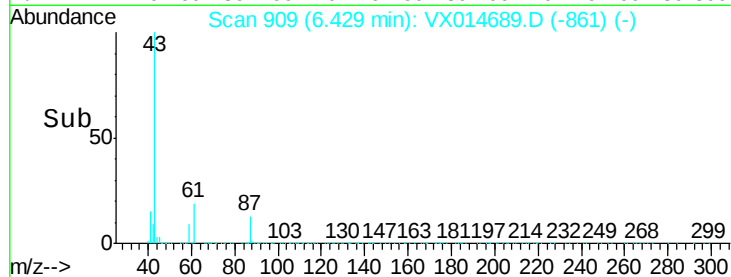
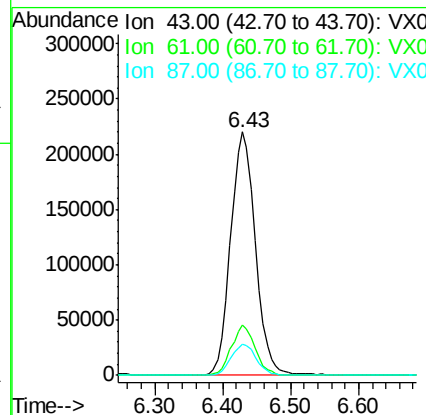
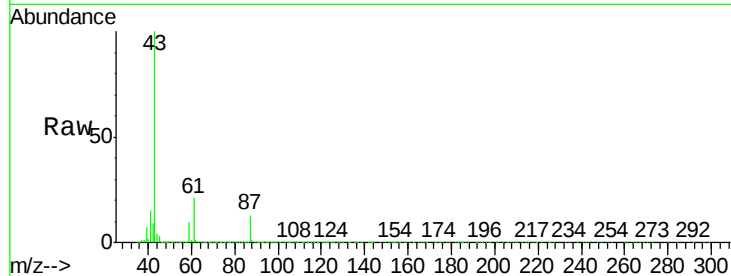
Isopropyl Acetate
 Concen: 48.455 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.2	24.4
87	12.6	10.5	15.7

Manual Integrations
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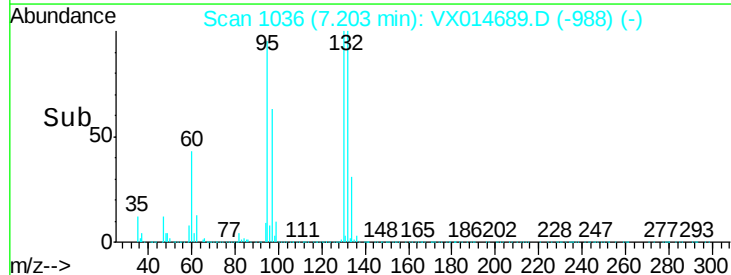
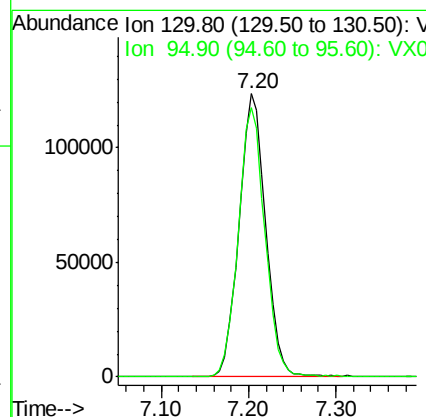
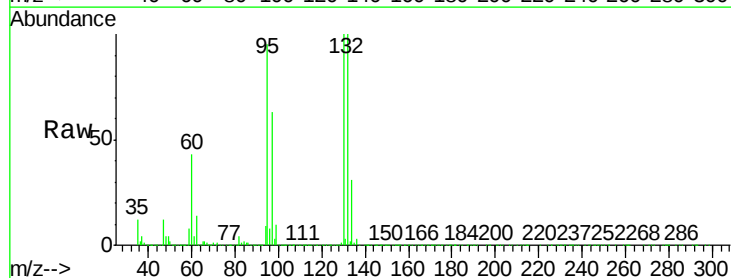
MMDadoda
 1/27/2020 10:40:10 AM

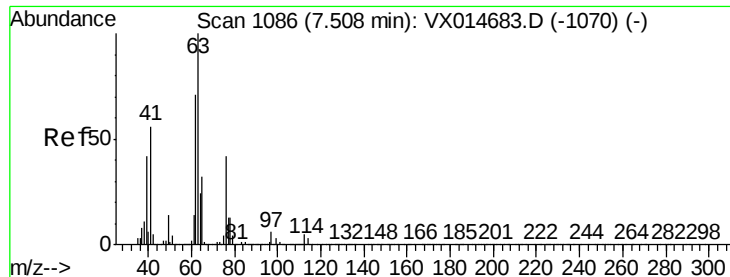


#44

Trichloroethene
 Concen: 49.085 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	179.8





#45

1,2-Dichloropropane

Concen: 51.607 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 250319

Ion Ratio Lower Upper

63 100

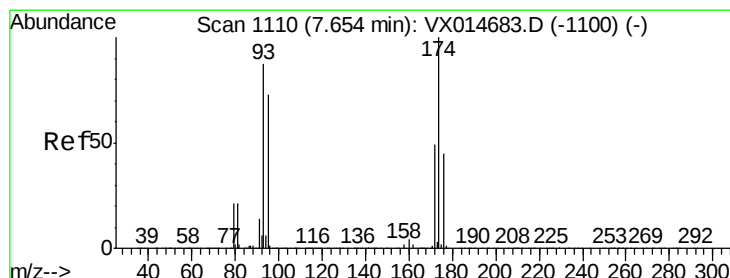
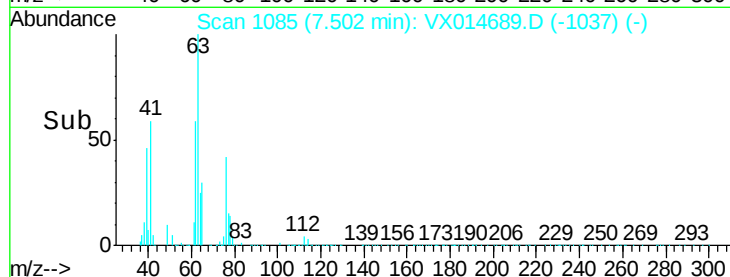
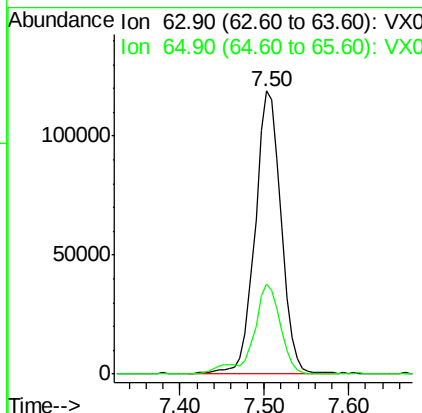
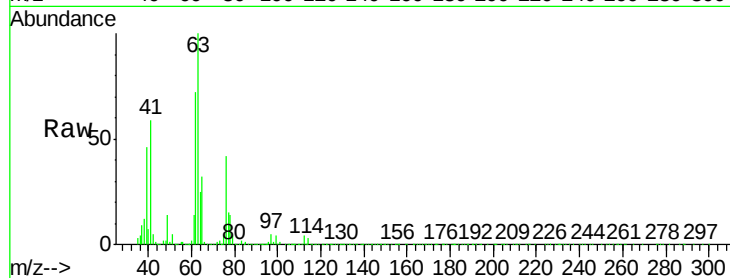
65 31.5 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 50.391 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

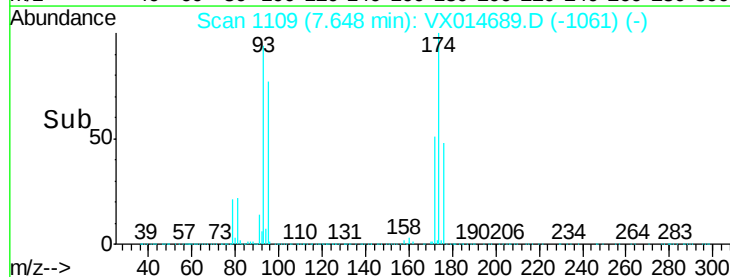
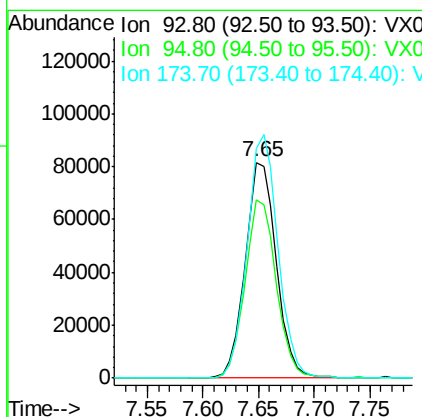
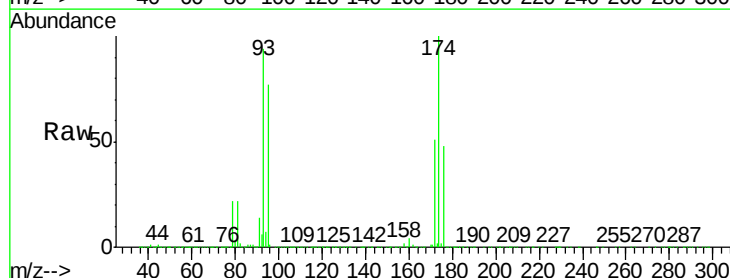
Tgt Ion: 93 Resp: 158299

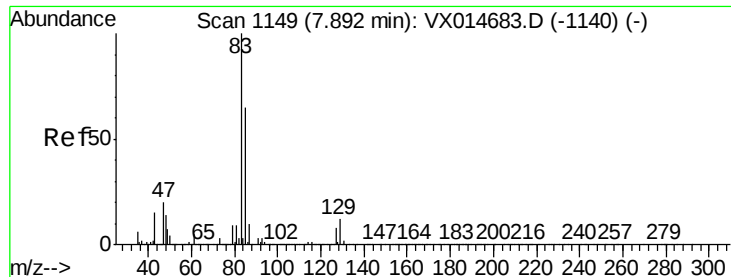
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.4

174 113.1 90.2 135.2





#47

Bromodichloromethane

Concen: 52.113 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

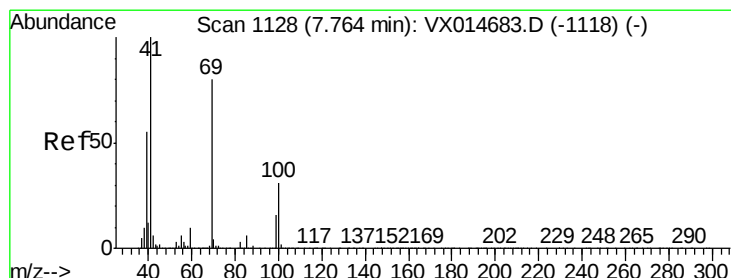
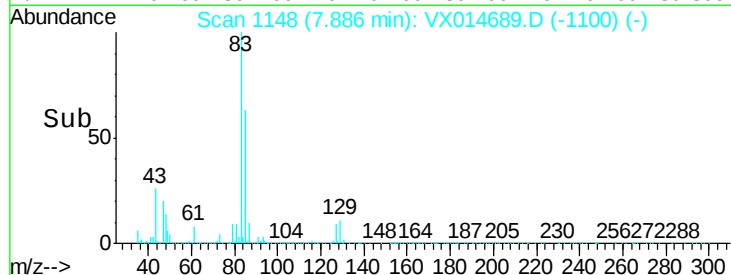
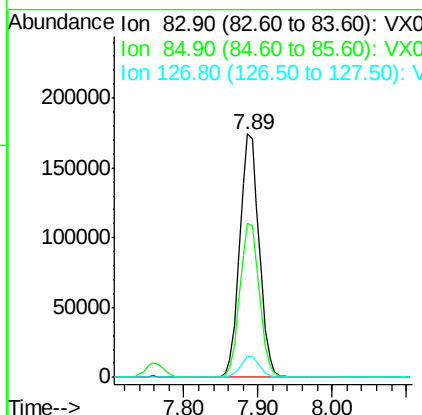
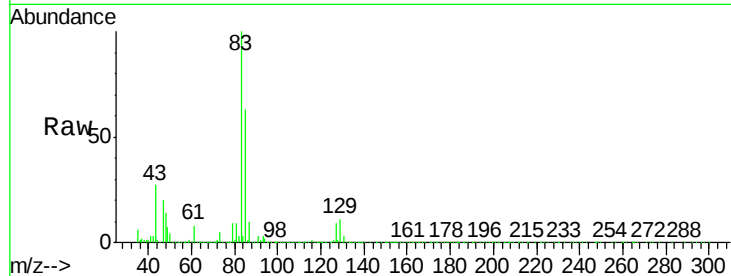
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	321089
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.2	78.2
127	8.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.081 ug/l

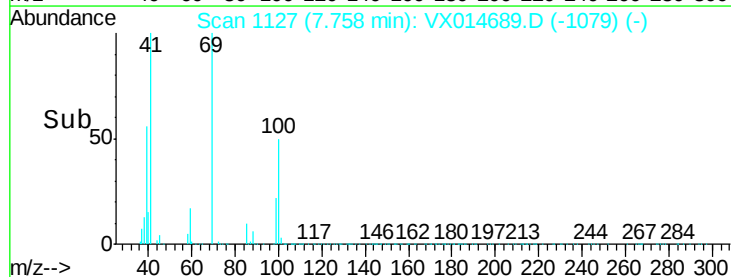
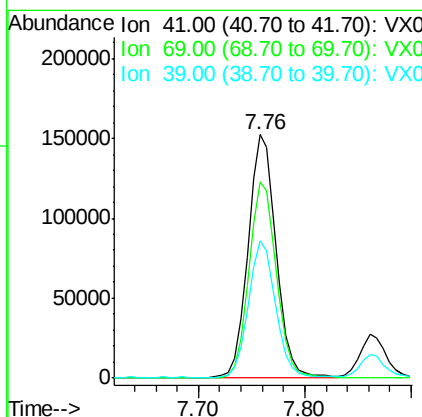
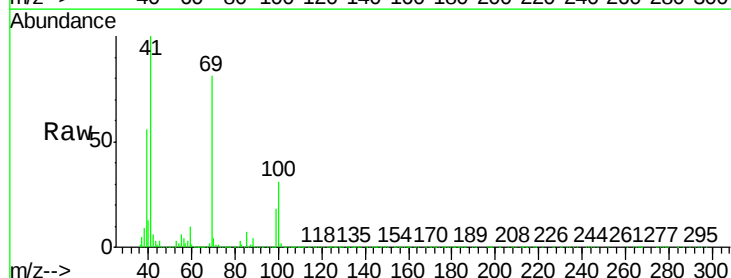
RT: 7.76 min Scan# 1127

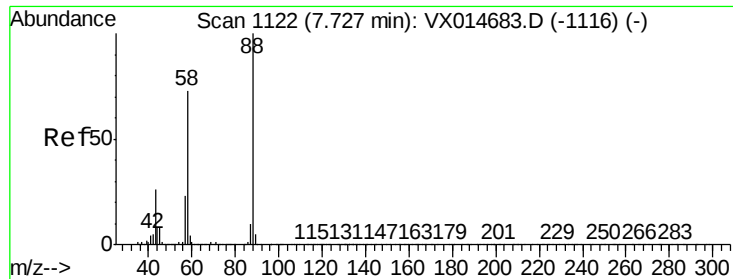
Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion:	41	Resp:	278932
Ion Ratio	Lower	Upper	
41	100		
69	79.8	63.5	95.3
39	54.8	43.7	65.5





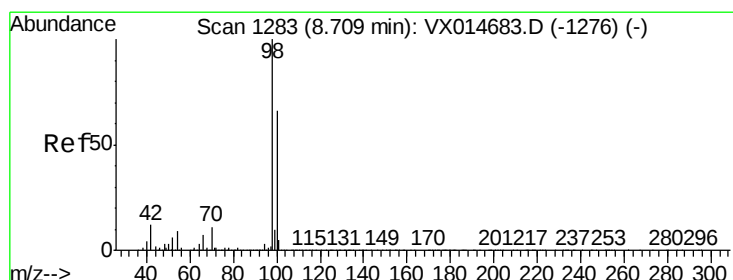
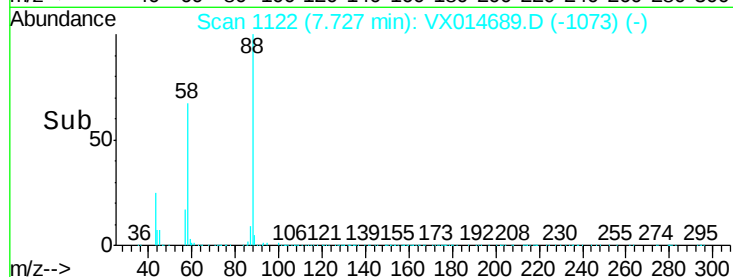
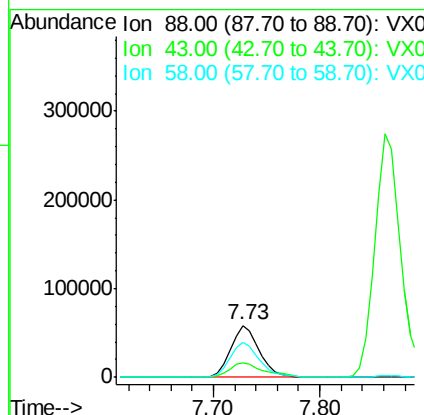
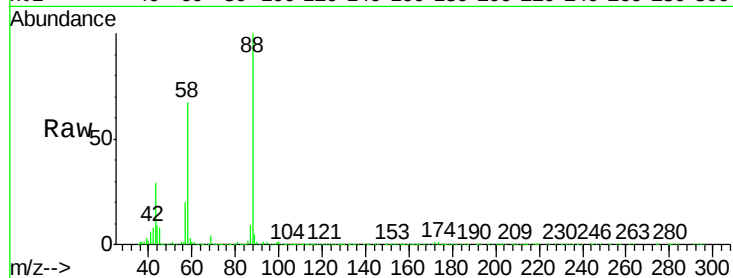
#49
1,4-Dioxane
Concen: 929.819 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.2	39.2
58	70.7	56.6	85.0

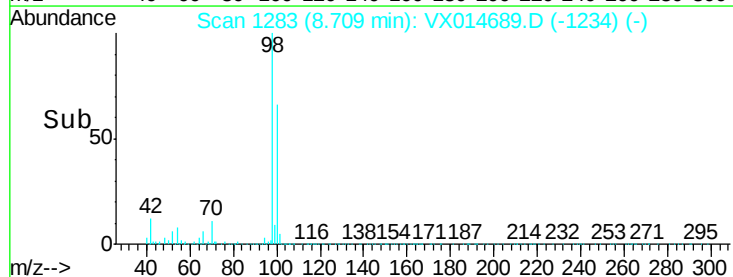
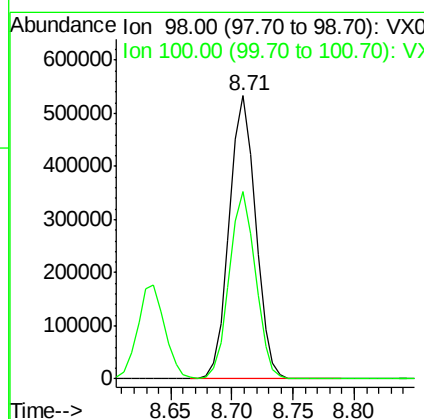
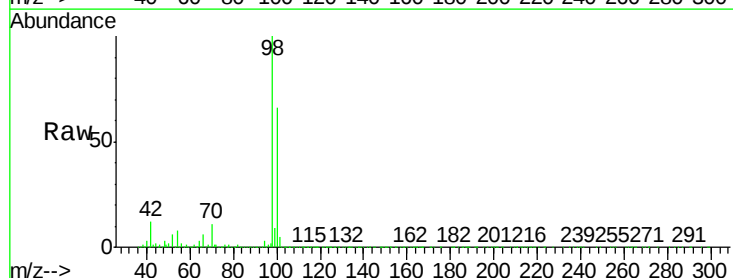
Manual Integrations
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1/27/2020 10:40:10 AM



#50
Toluene-d8
Concen: 49.958 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 241.239 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1740098

Ion Ratio Lower Upper

43 100

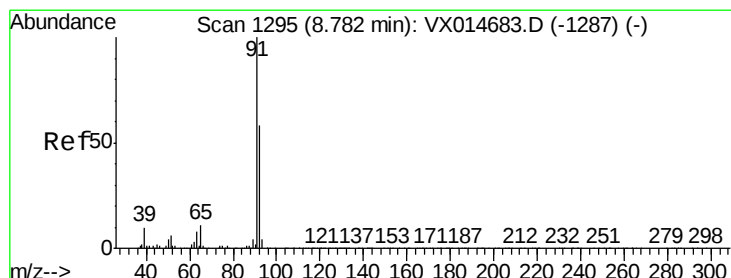
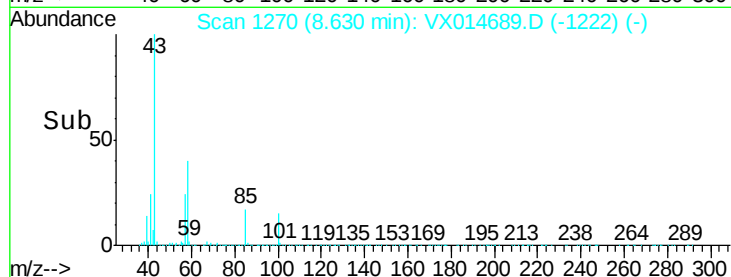
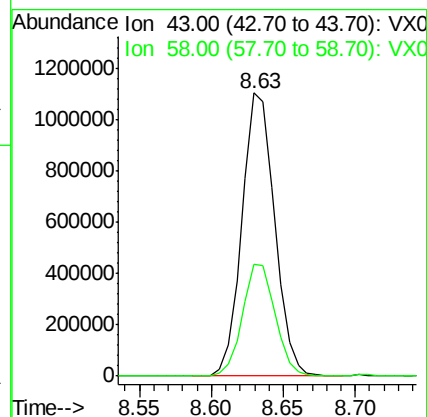
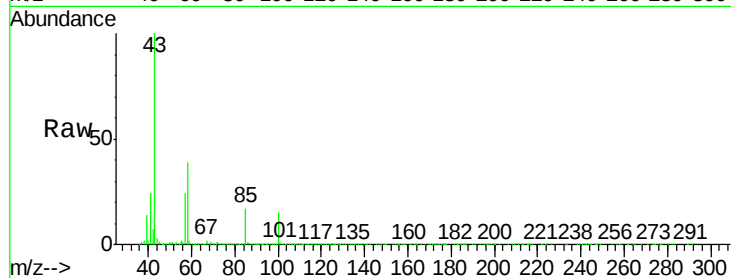
58 39.4 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 51.836 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014689.D

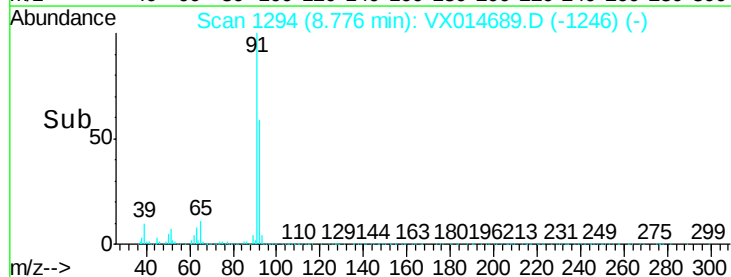
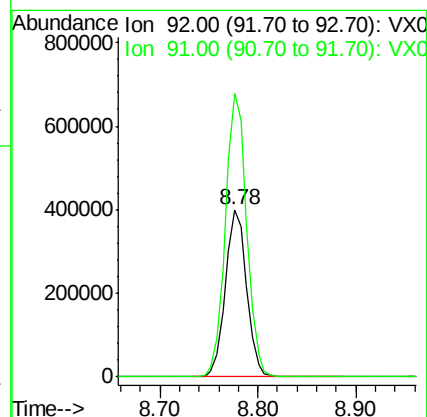
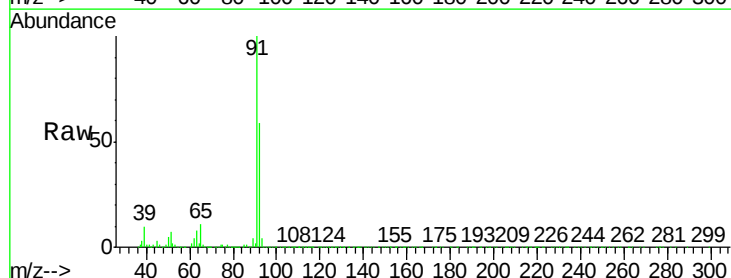
Acq: 24 Jan 2020 10:15

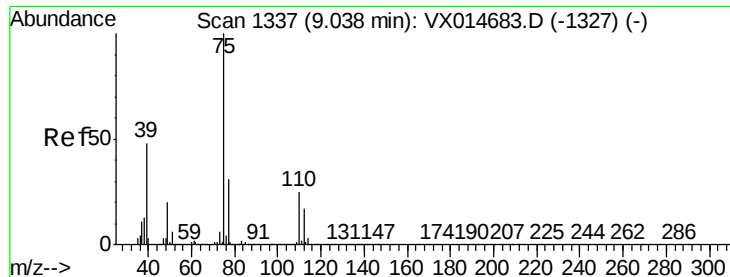
Tgt Ion: 92 Resp: 599922

Ion Ratio Lower Upper

92 100

91 170.6 135.9 203.9





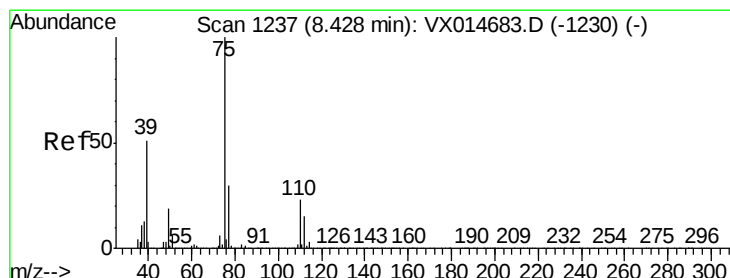
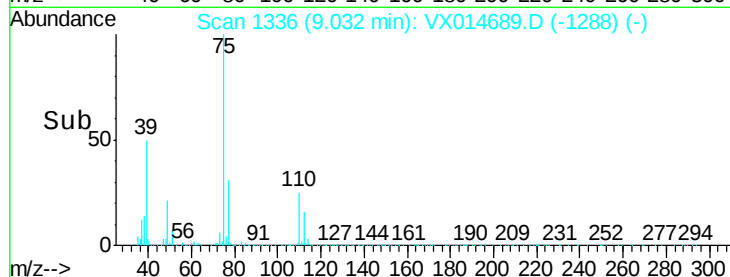
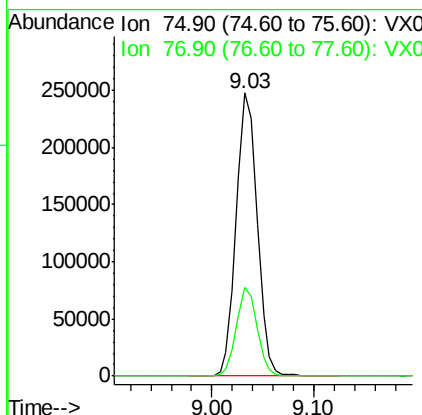
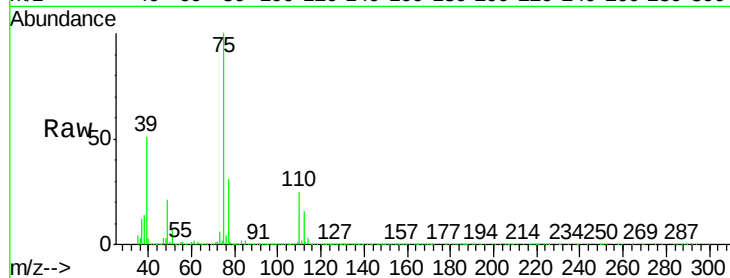
#53
t-1,3-Dichloropropene
Concen: 53.054 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 351976
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3

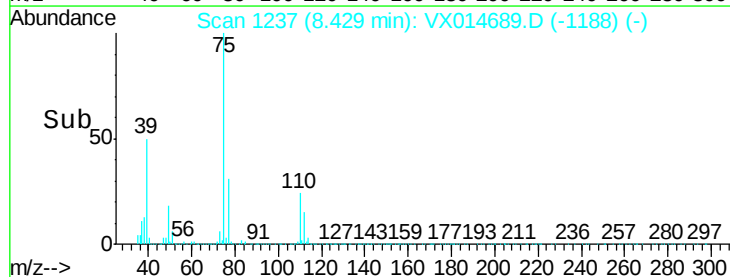
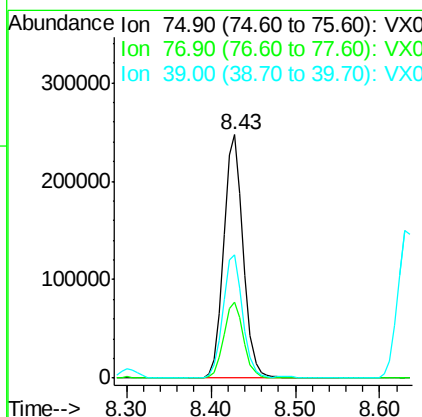
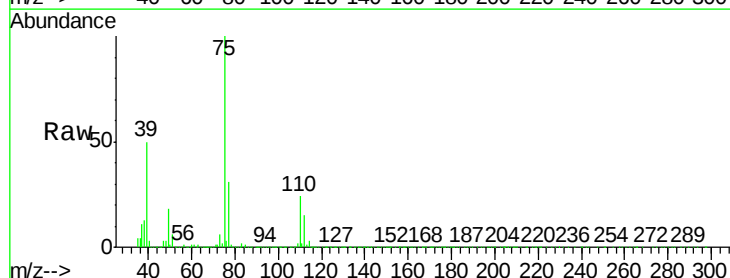
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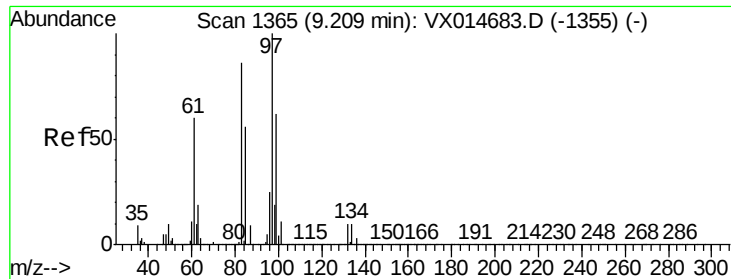
MMDadoda
1/27/2020 10:40:10 AM



#54
cis-1,3-Dichloropropene
Concen: 53.856 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 75 Resp: 393060
Ion Ratio Lower Upper
75 100
77 31.2 23.9 35.9
39 50.4 40.9 61.3





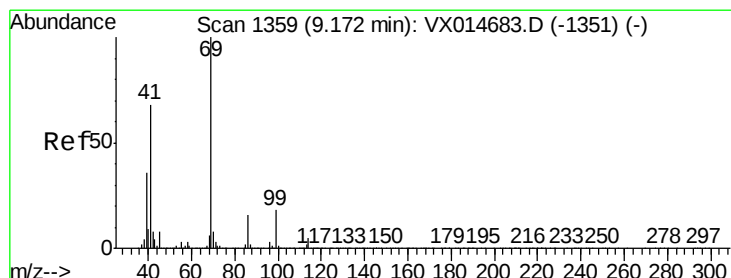
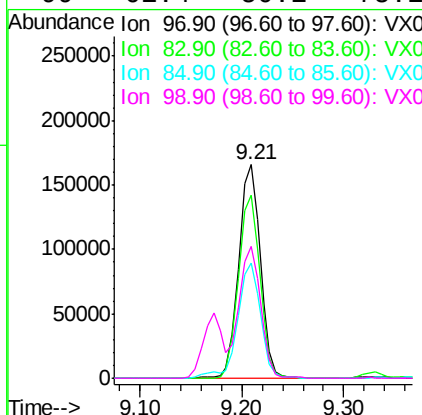
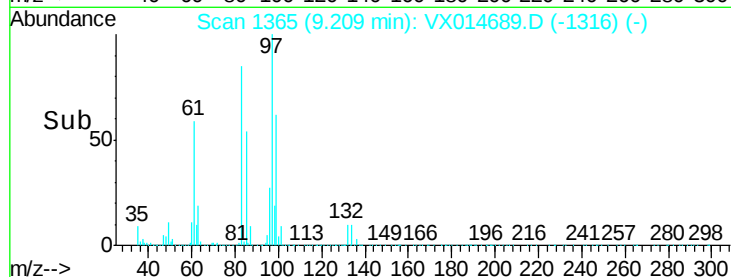
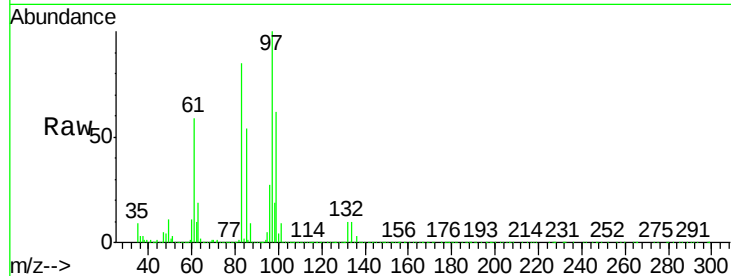
#55
 1,1,2-Trichloroethane
 Concen: 51.026 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		241785		
83	85.4	69.2	103.8		
85	54.0	44.6	67.0		
99	61.4	50.1	75.1		

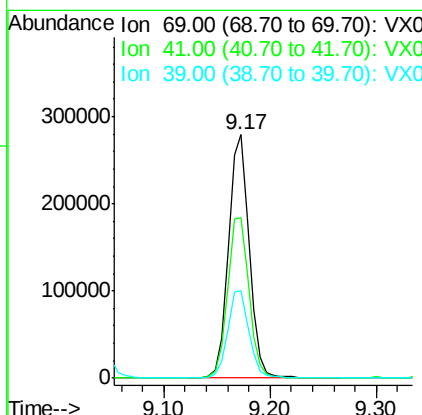
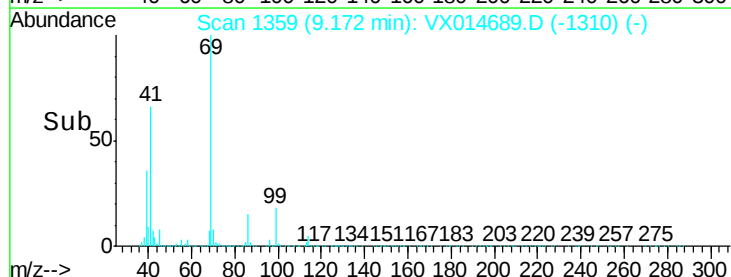
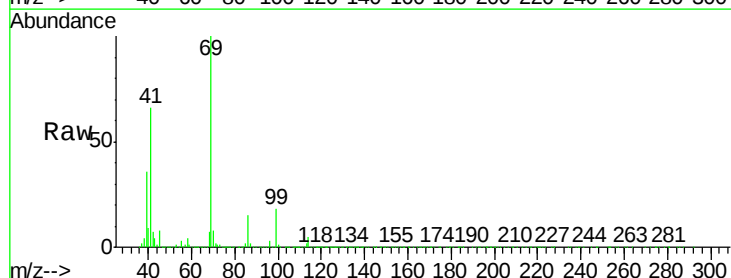
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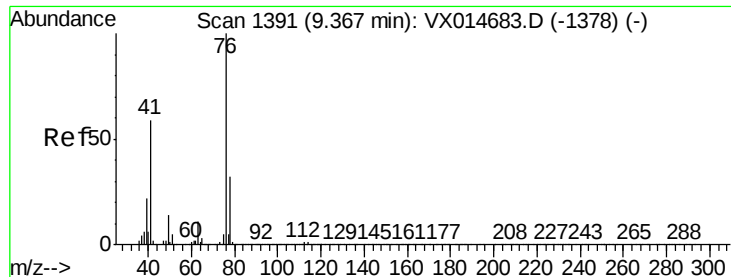
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#56
 Ethyl methacrylate
 Concen: 47.500 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		380836		
41	68.0	54.9	82.3		
39	36.9	29.3	43.9		





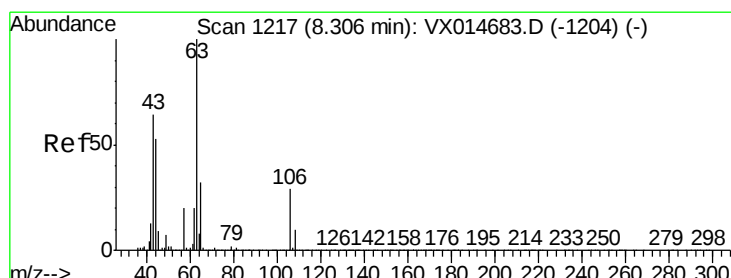
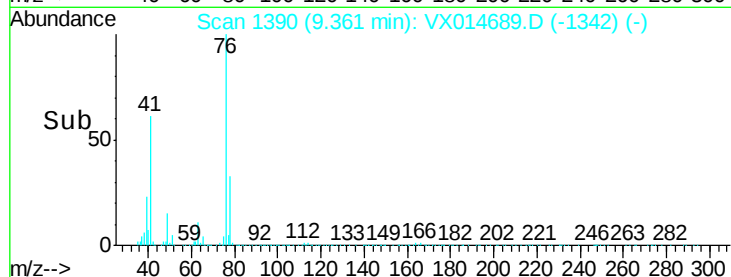
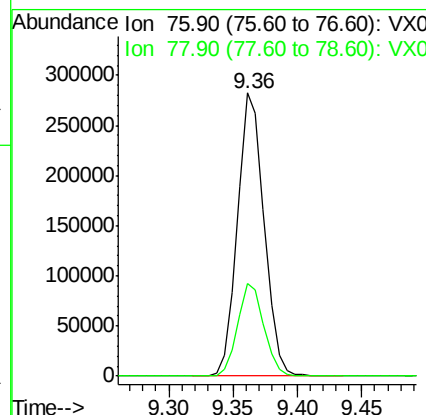
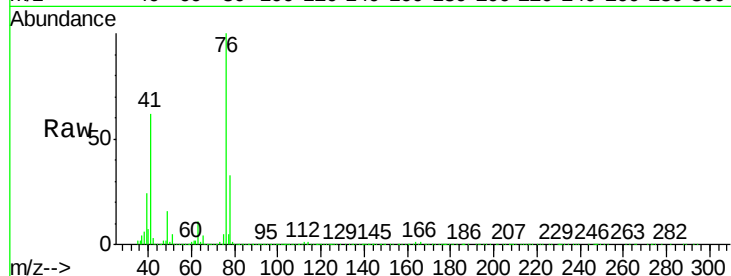
#57
 1,3-Dichloropropane
 Concen: 50.166 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0

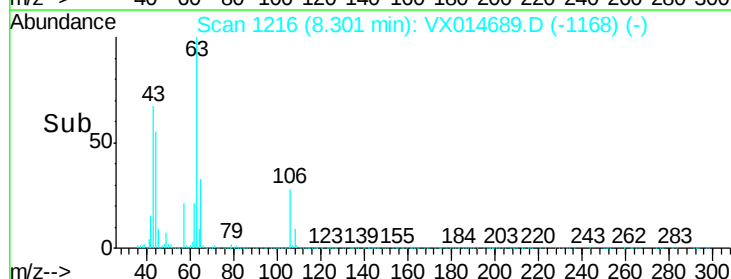
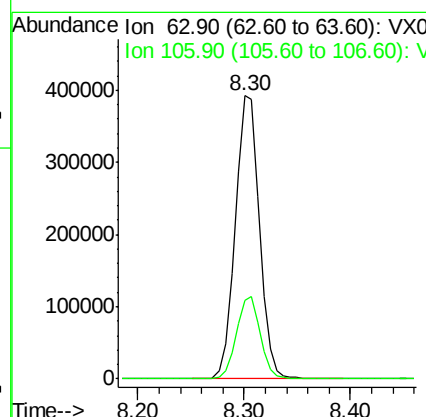
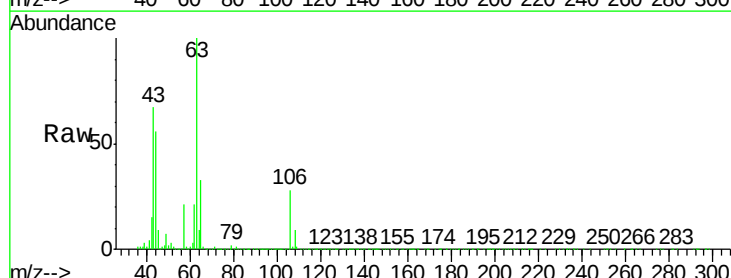
Manual Integrations
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 1/27/2020 10:40:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.541 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.7	34.1





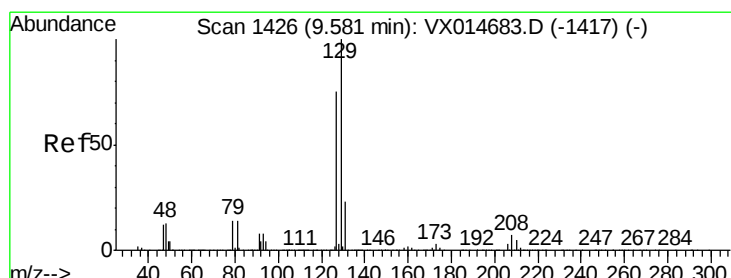
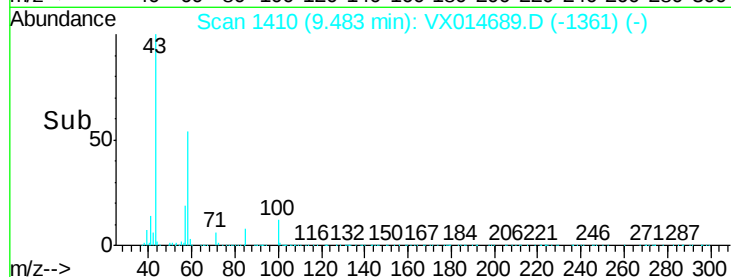
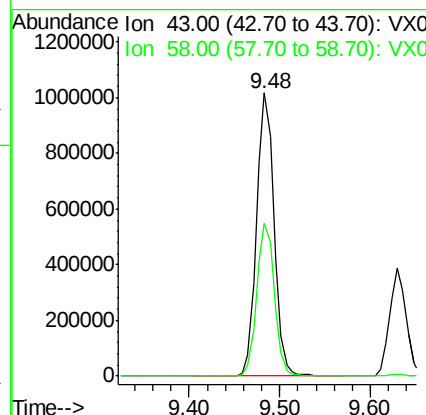
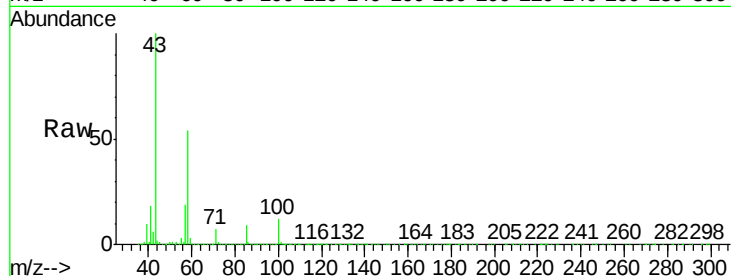
#59
2-Hexanone
Concen: 242.666 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1358282
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5

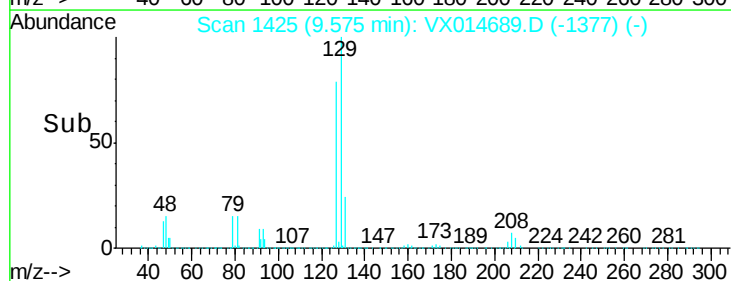
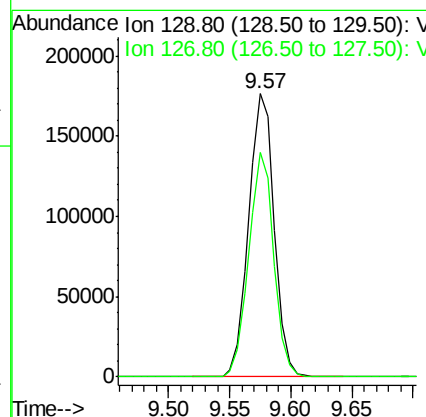
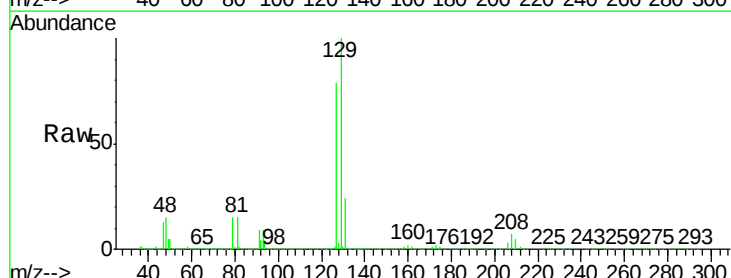
Manual Integrations
APPROVED

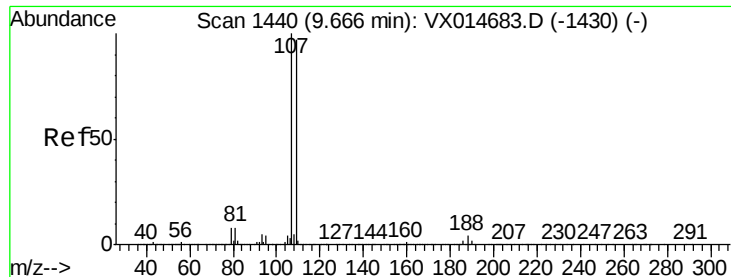
MMDadoda
1/27/2020 10:40:10 AM



#60
Dibromochloromethane
Concen: 51.849 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 129 Resp: 256444
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





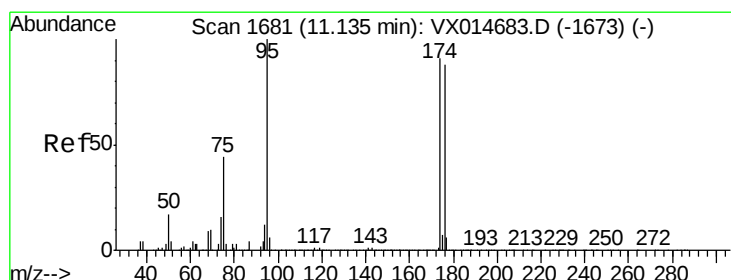
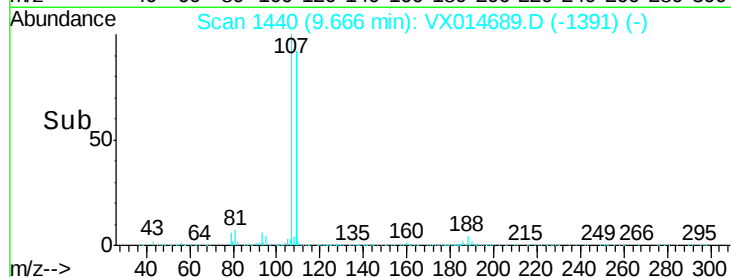
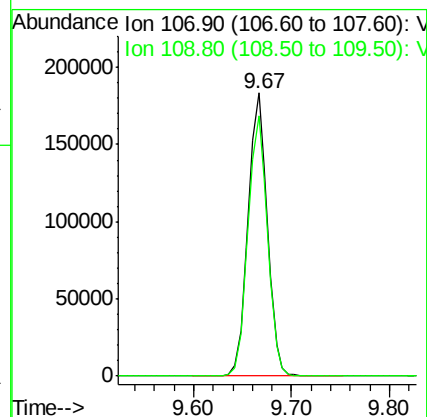
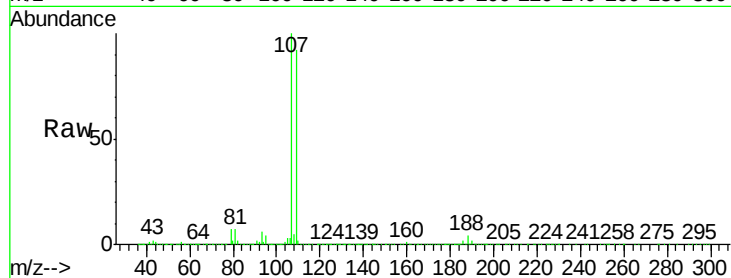
#61
 1,2-Dibromoethane
 Concen: 50.027 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.2	114.2

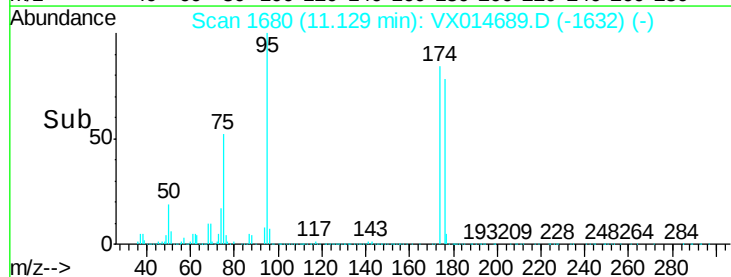
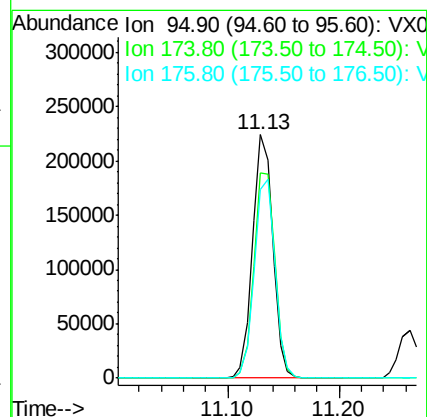
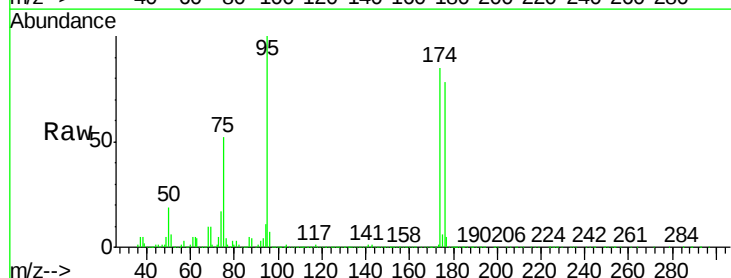
Manual Integrations
 APPROVED

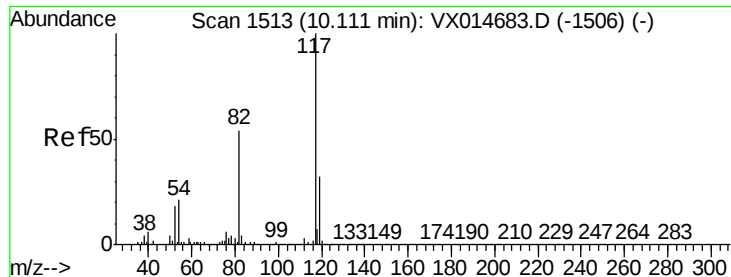
MMDadoda
 1/27/2020 10:40:10 AM



#62
 4-Bromofluorobenzene
 Concen: 49.999 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	176.0
176	84.1	0.0	172.2





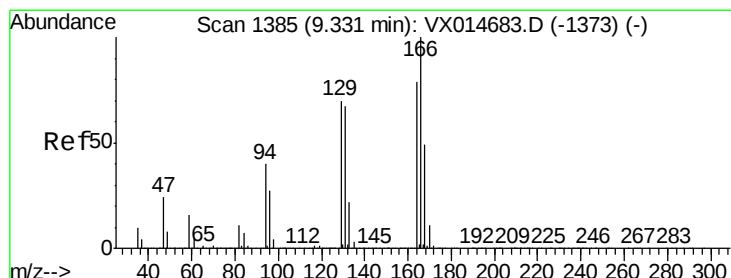
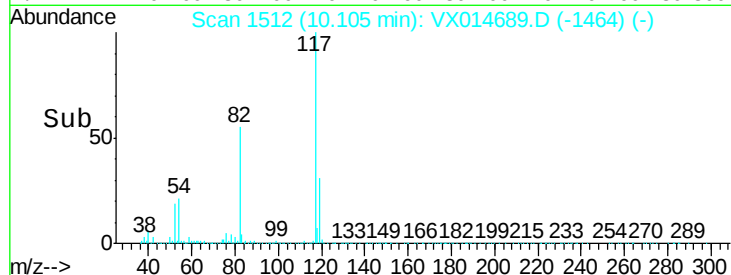
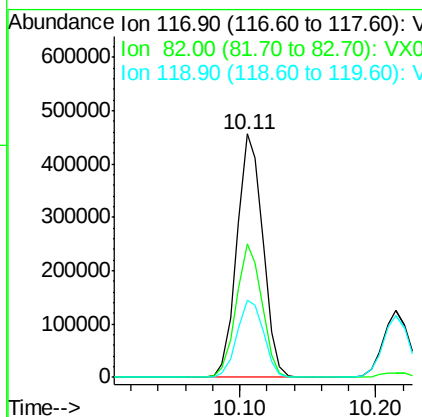
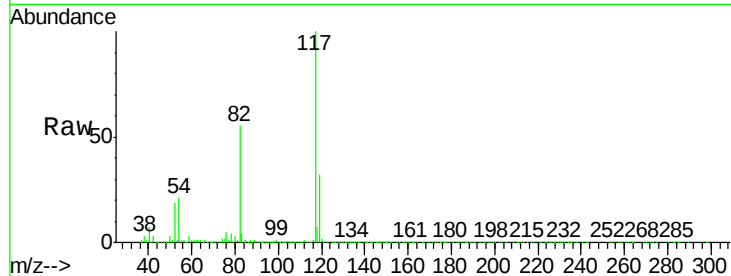
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	604636		
82	54.7	43.2	64.8	
119	31.5	25.8	38.6	

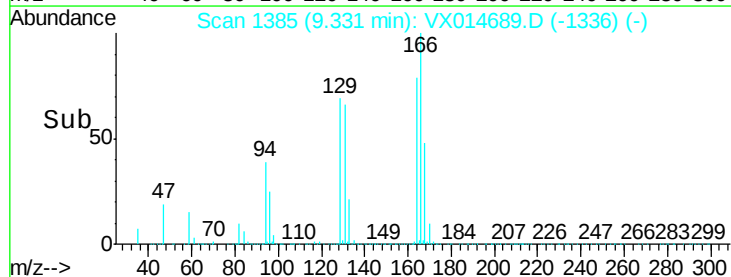
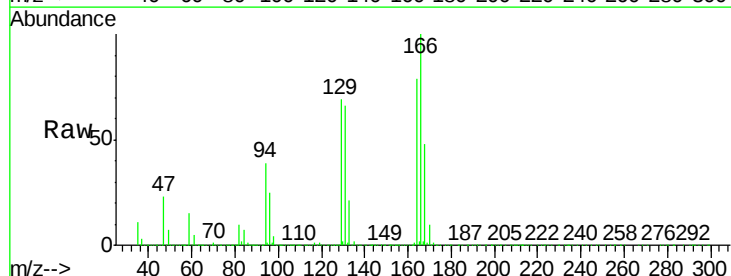
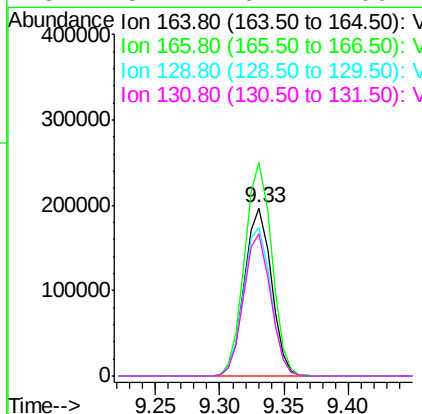
Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:40:10 AM



#64
Tetrachloroethene
Concen: 47.533 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284492		
166	127.1	100.9	151.3	
129	88.2	71.0	106.6	
131	84.4	67.1	100.7	





#65

Chlorobenzene

Concen: 49.365 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 638422

Ion Ratio Lower Upper

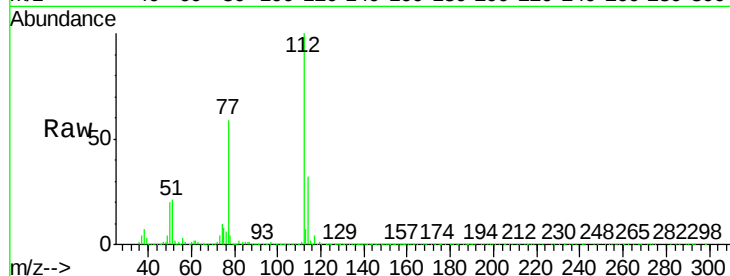
112 100

114 31.5 25.8 38.8

Manual Integrations
APPROVED

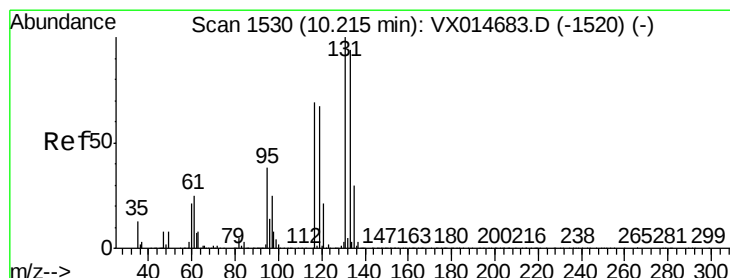
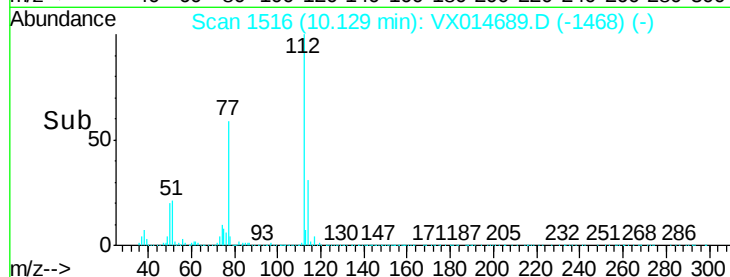
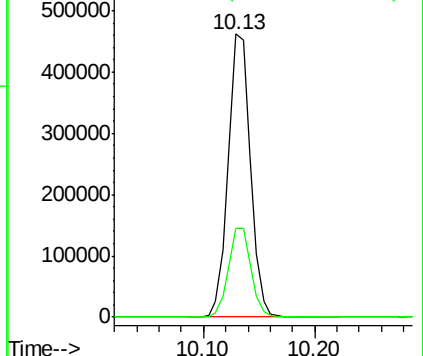
MMDadoda

1/27/2020 10:40:10 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.743 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

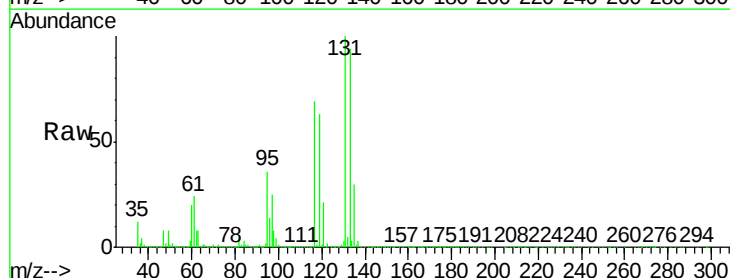
Tgt Ion:131 Resp: 237195

Ion Ratio Lower Upper

131 100

133 96.5 47.4 142.3

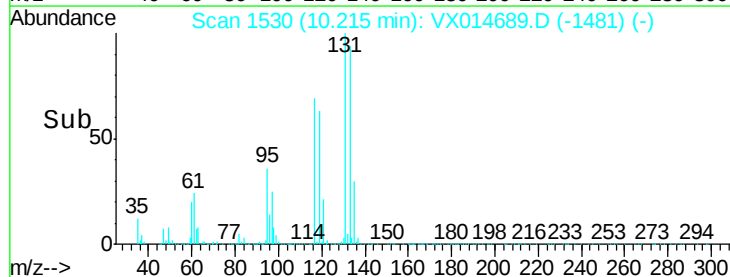
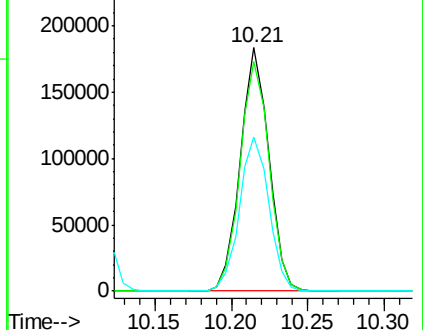
119 65.1 33.3 99.8

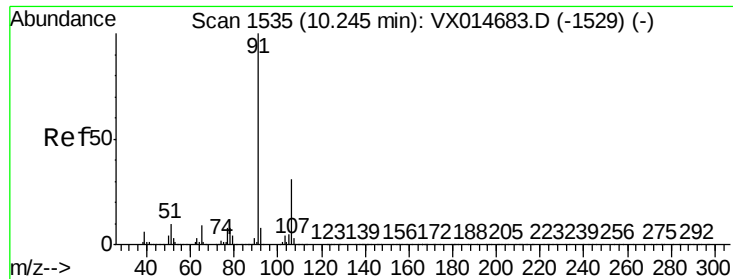


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





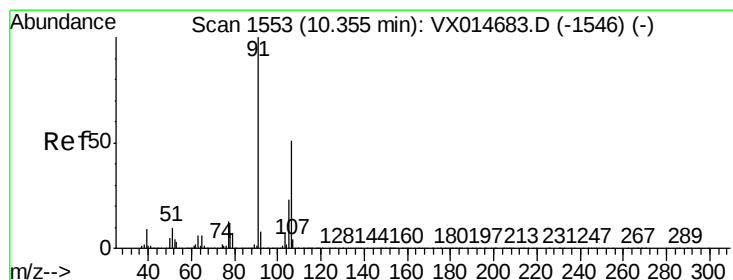
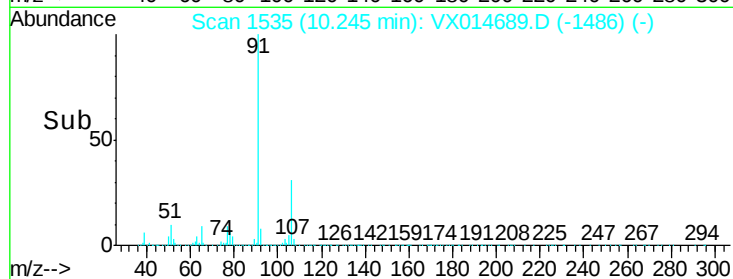
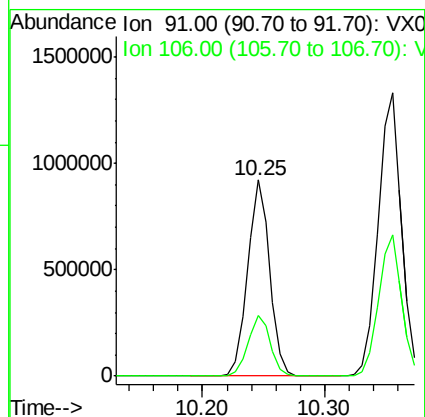
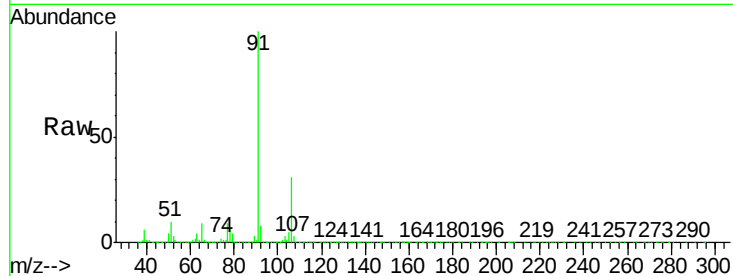
#67
Ethyl Benzene
Concen: 51.986 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1148001
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

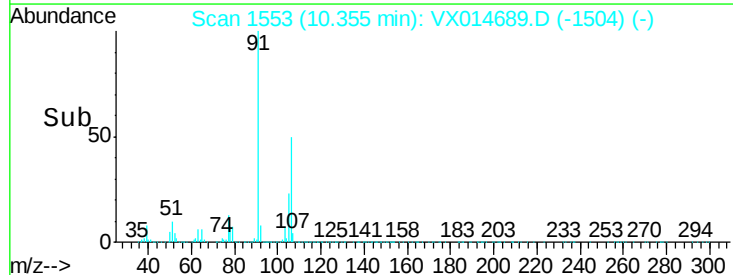
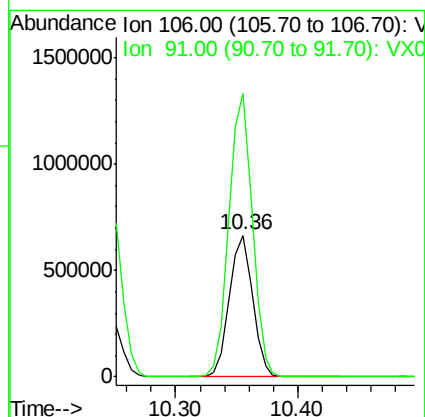
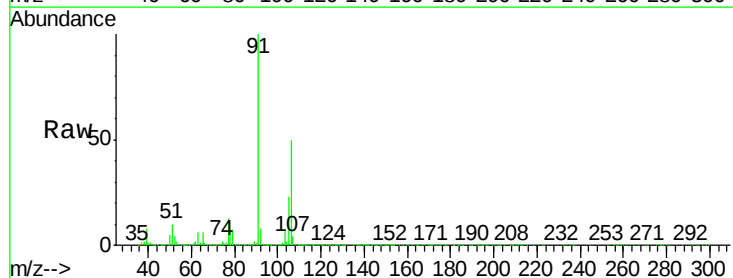
Manual Integrations
APPROVED

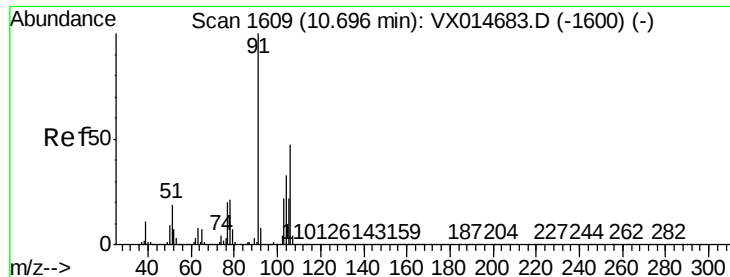
MMDadoda
1/27/2020 10:40:10 AM



#68
m/p-Xylenes
Concen: 104.448 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 106 Resp: 873801
Ion Ratio Lower Upper
106 100
91 201.1 159.4 239.2





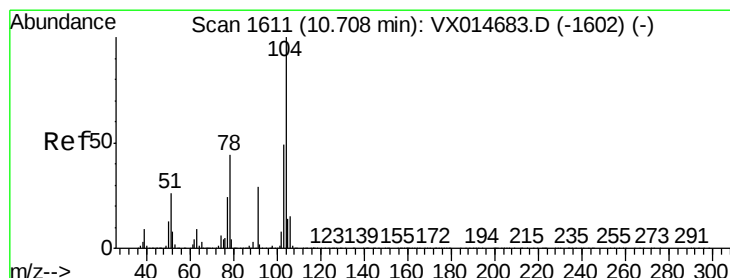
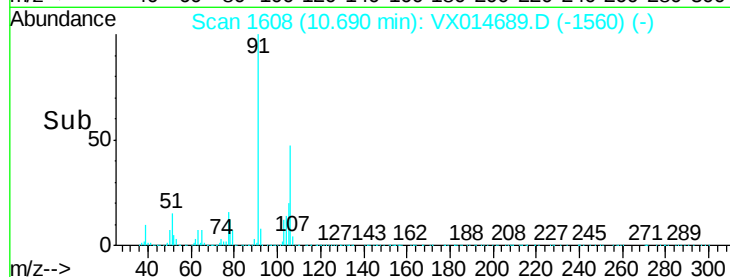
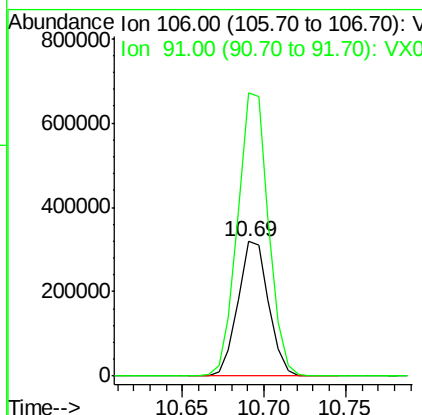
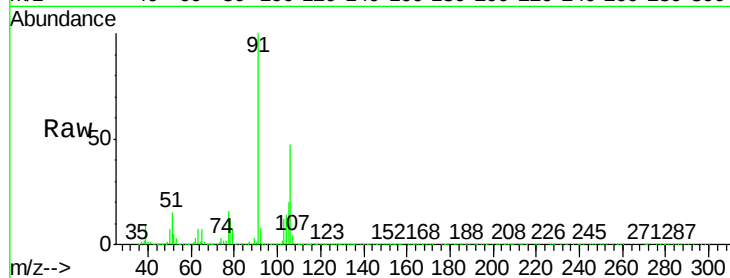
#69
o-Xylene
Concen: 51.689 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.5	106.2	318.6

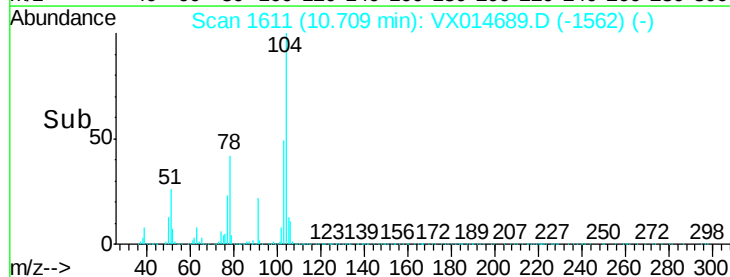
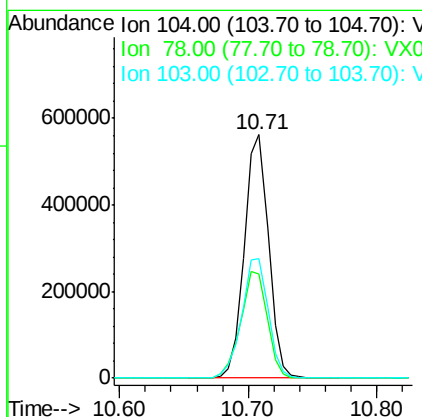
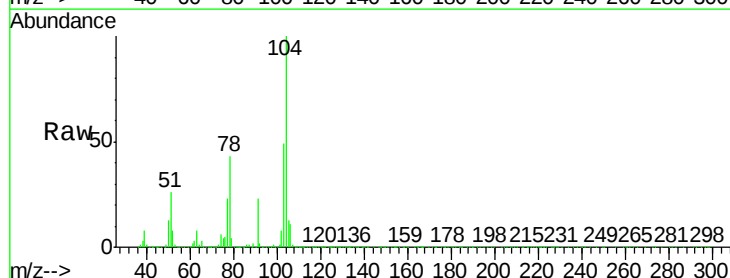
Manual Integrations
APPROVED

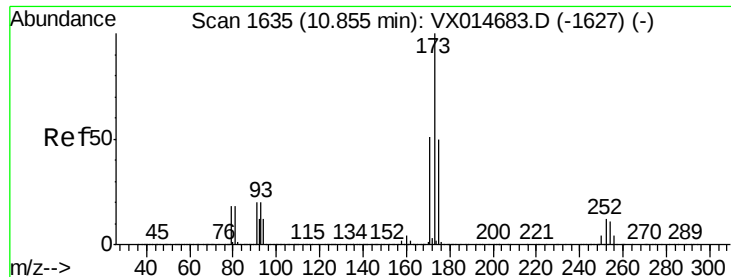
MMDadoda
1/27/2020 10:40:10 AM



#70
Styrene
Concen: 53.749 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.3	58.9
103	53.9	43.5	65.3





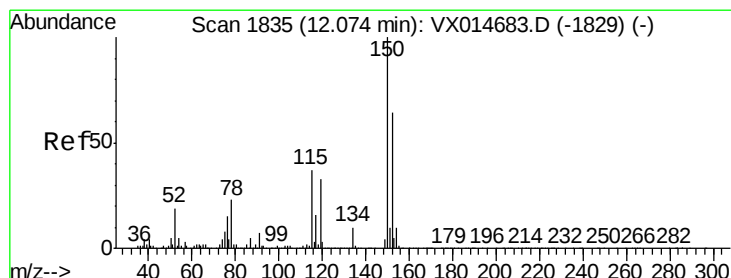
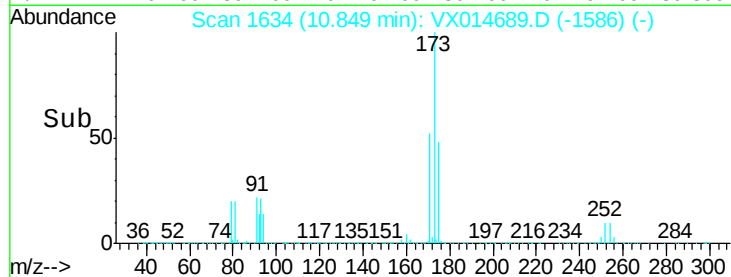
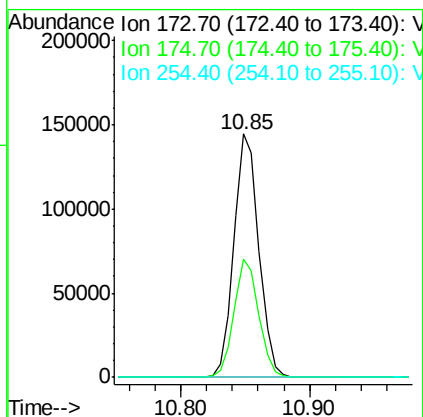
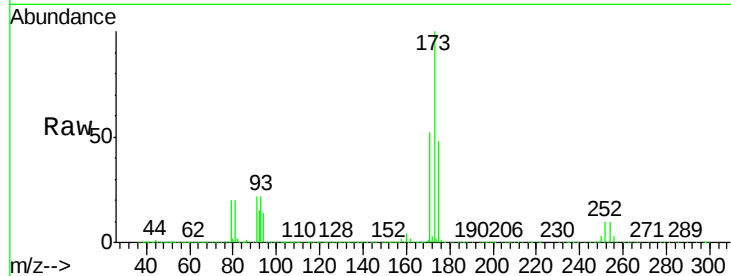
#71
Bromoform
Concen: 51.331 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	73.6
254	0.1	0.1	0.1#

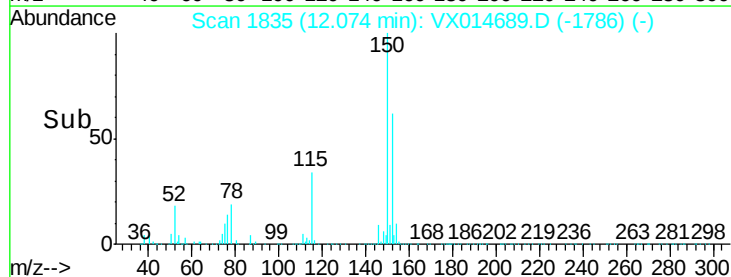
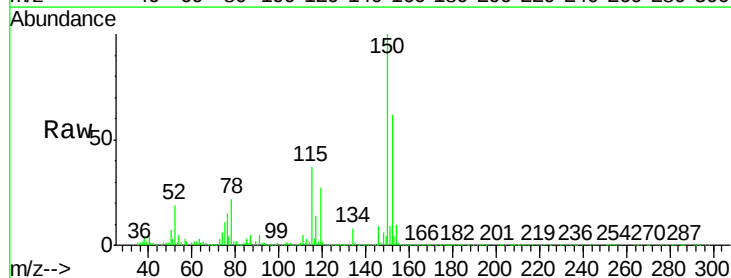
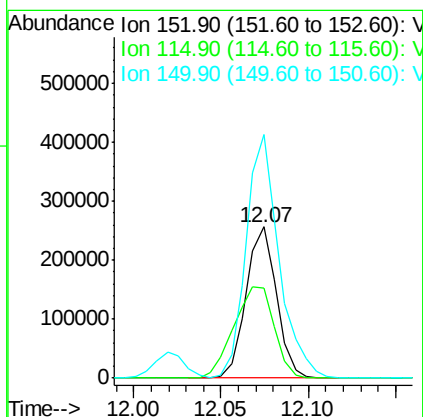
Manual Integrations
APPROVED

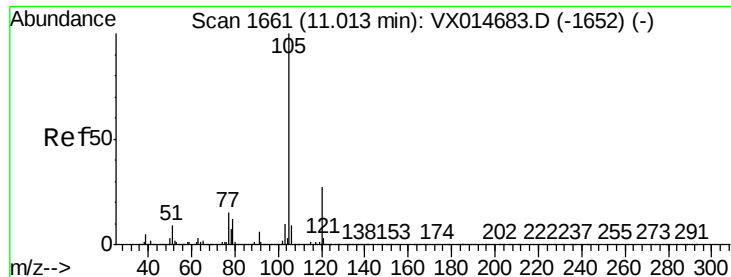
MMDadoda
1/27/2020 10:40:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.1	39.4	118.1
150	175.3	0.0	351.2





#73

Isopropylbenzene

Concen: 52.114 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1129917

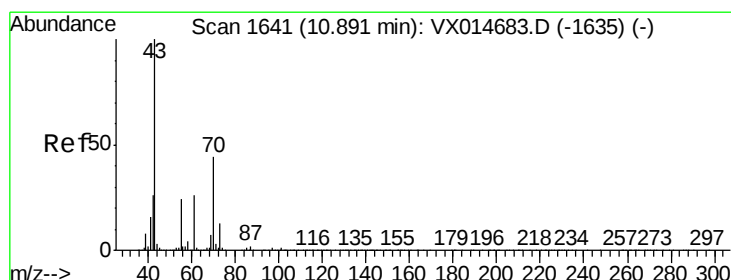
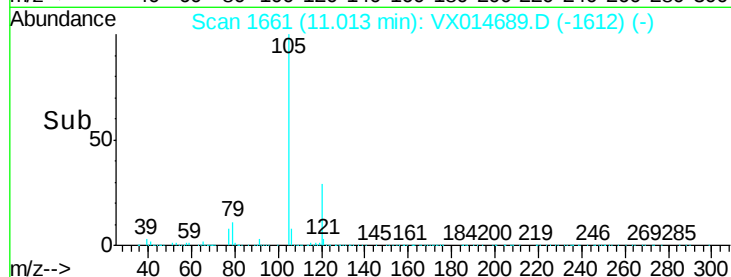
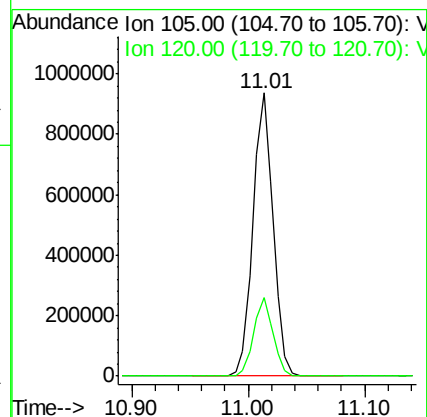
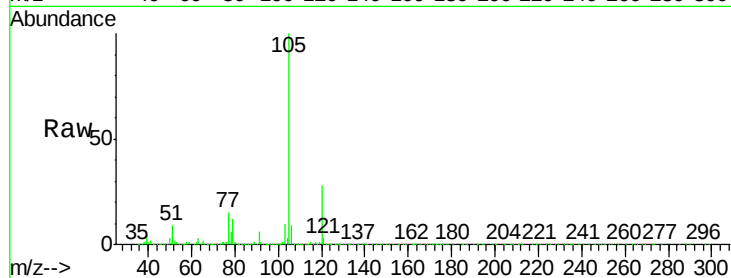
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:40:10 AM



#74

N-ethyl acetate

Concen: 50.894 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion: 43 Resp: 483552

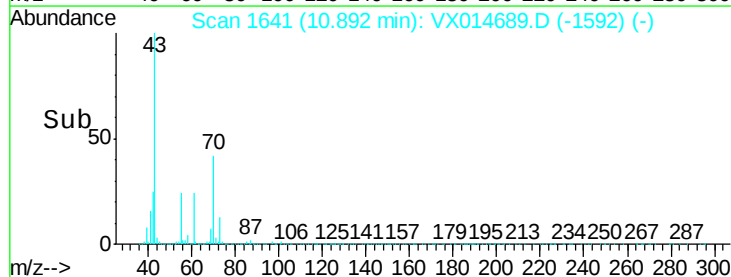
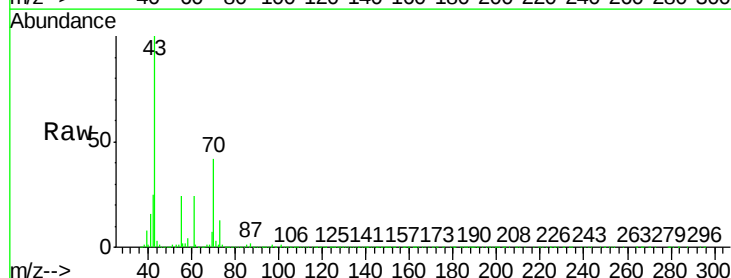
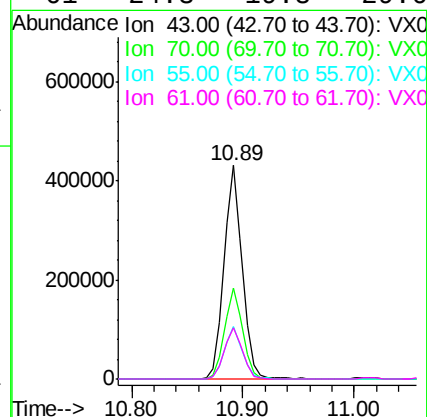
Ion Ratio Lower Upper

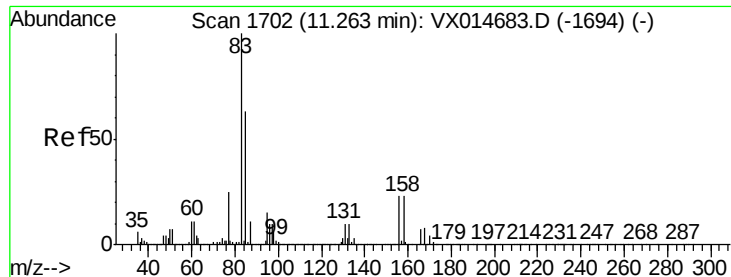
43 100

70 42.2 34.6 52.0

55 24.5 19.4 29.2

61 24.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.752 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

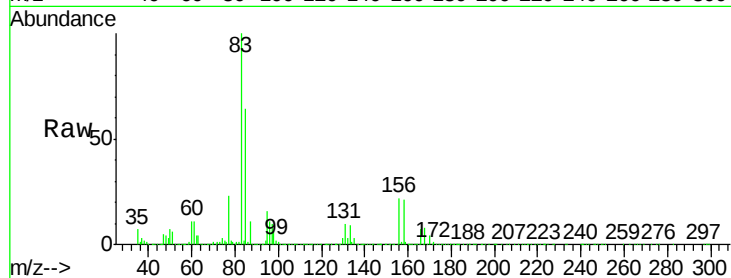
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	354181
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	64.3	31.7	95.1

Manual Integrations
APPROVED

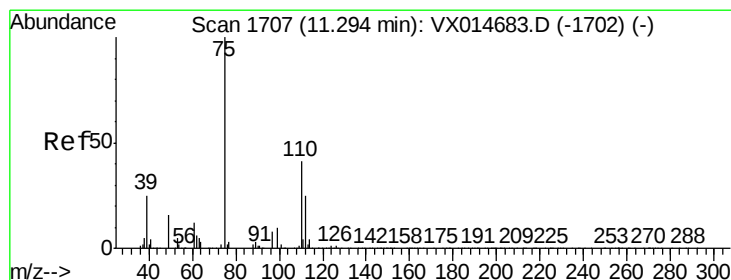
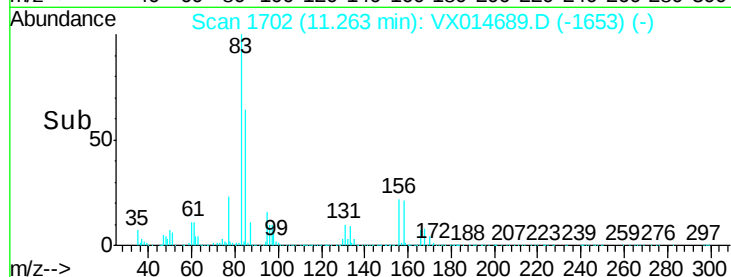
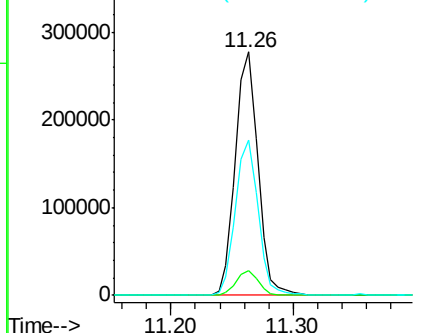
MMDadoda
1/27/2020 10:40:10 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 42.126 ug/l m

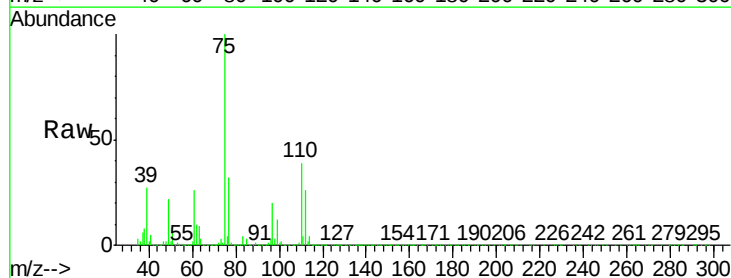
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014689.D

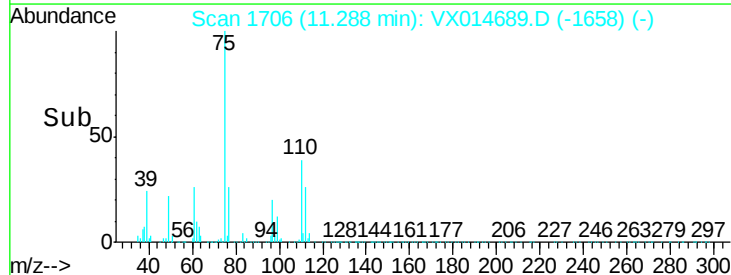
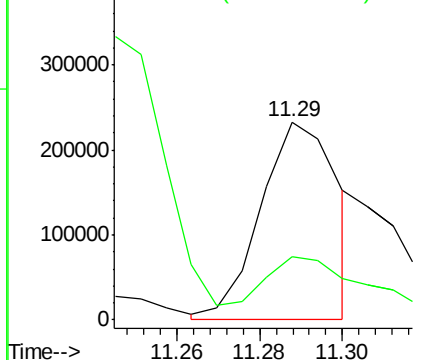
Acq: 24 Jan 2020 10:15

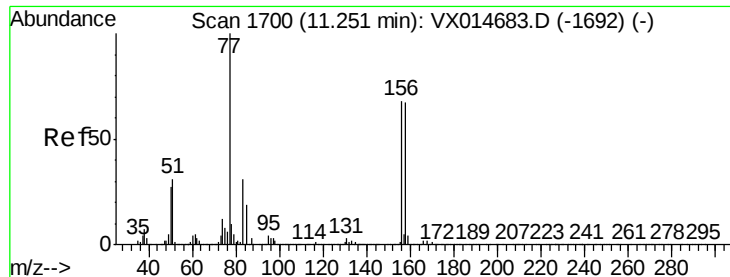
Tgt Ion:	75	Resp:	302215
Ion Ratio	Lower	Upper	
75	100		
77	44.1	18.7	56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.959 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

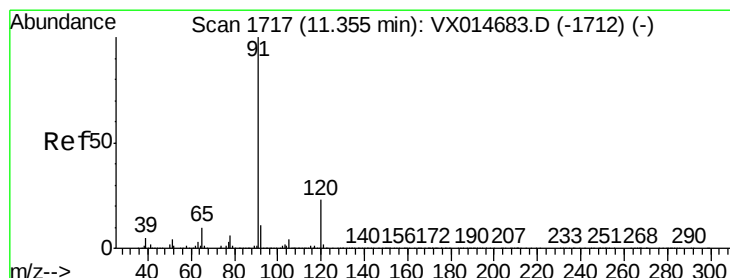
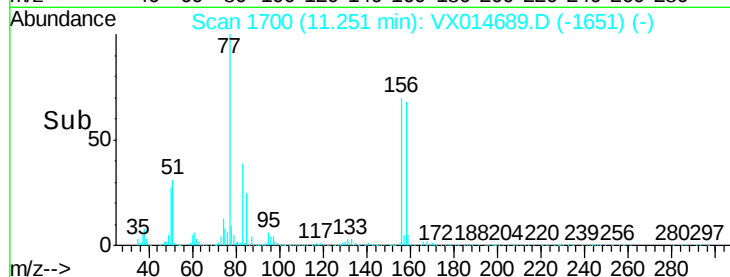
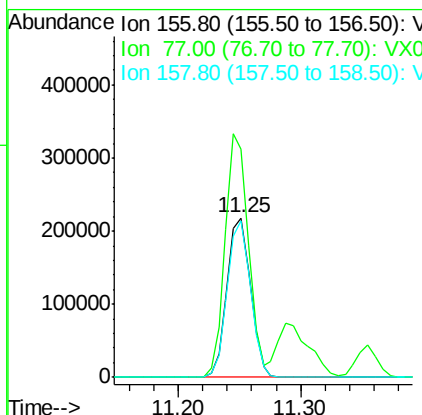
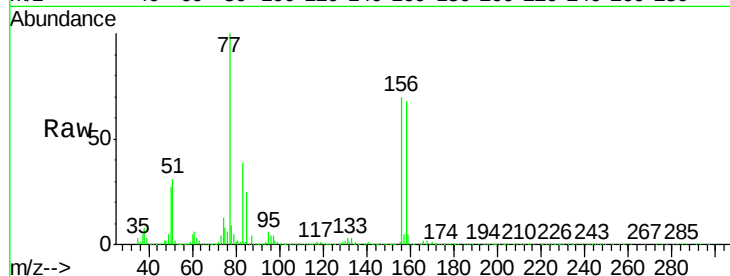
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.0	77.5	232.5
158	96.7	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 53.045 ug/l

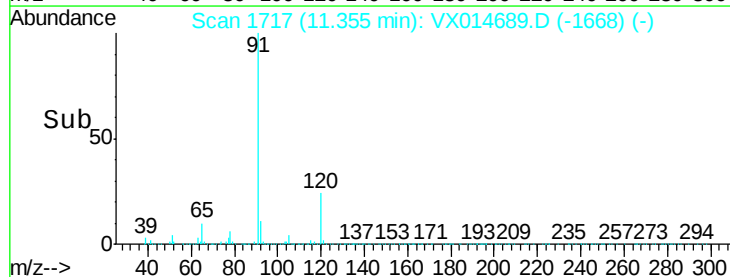
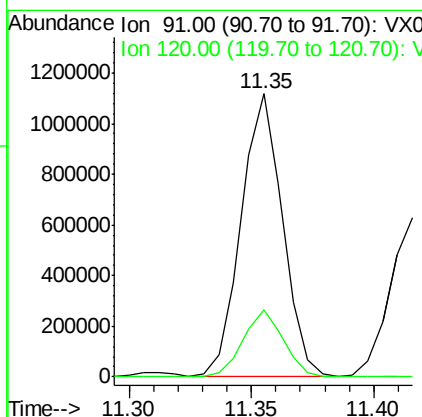
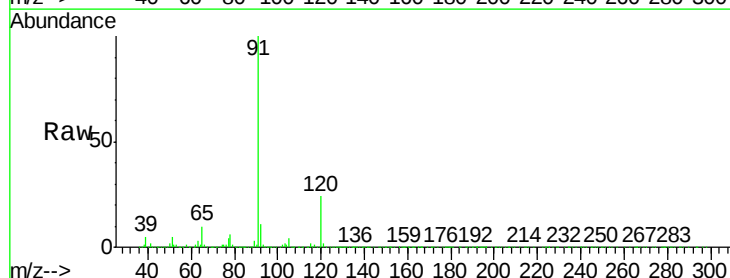
RT: 11.35 min Scan# 1717

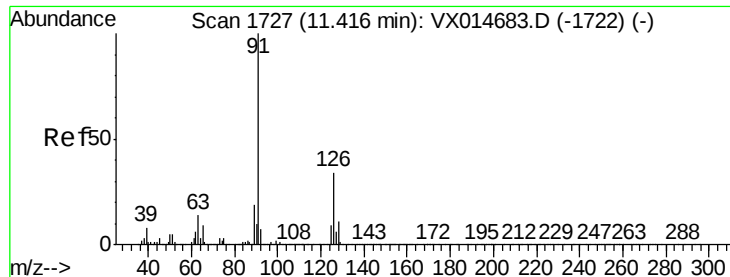
Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.0





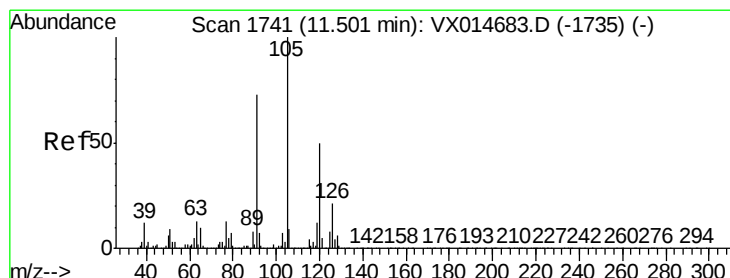
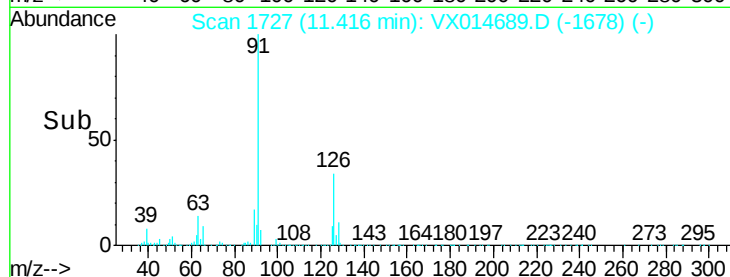
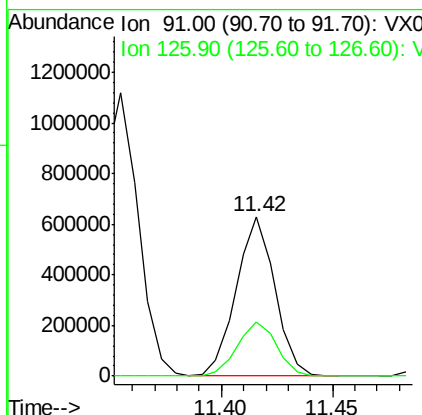
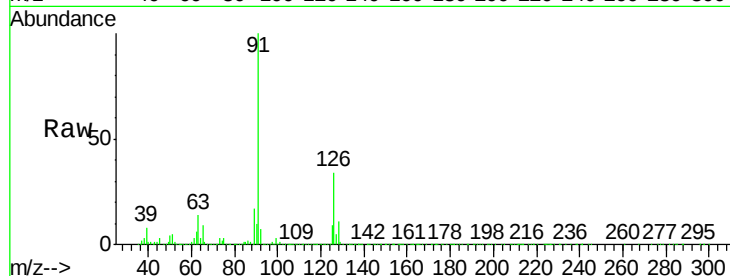
#79
2-Chlorotoluene
Concen: 51.043 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 760078
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

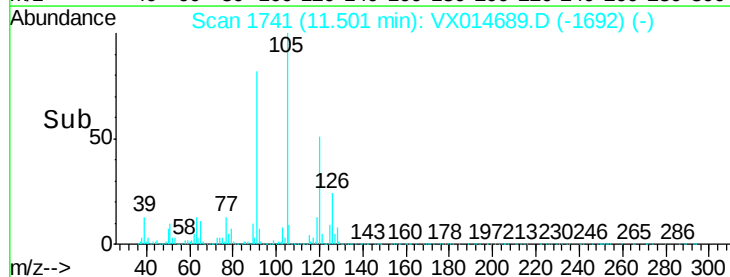
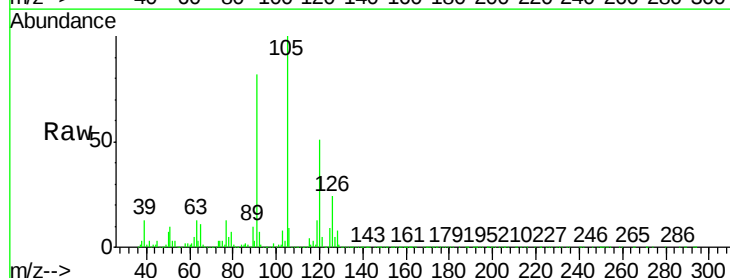
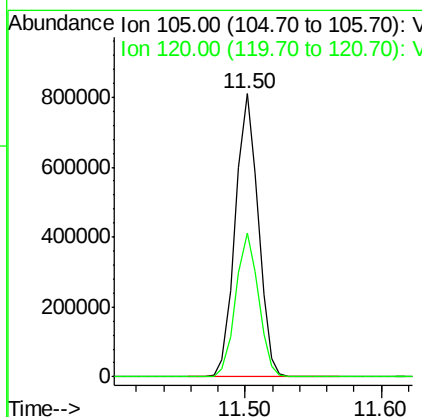
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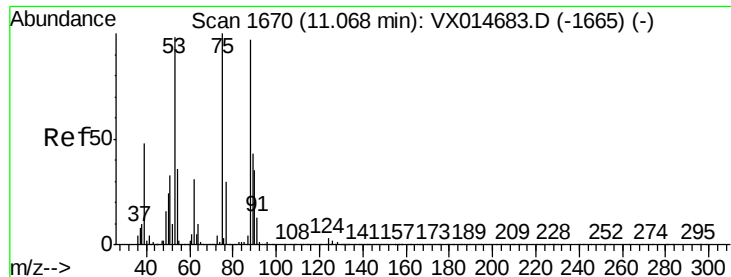
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 52.715 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion: 105 Resp: 948596
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.289 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Instrument :

MSVOA_X

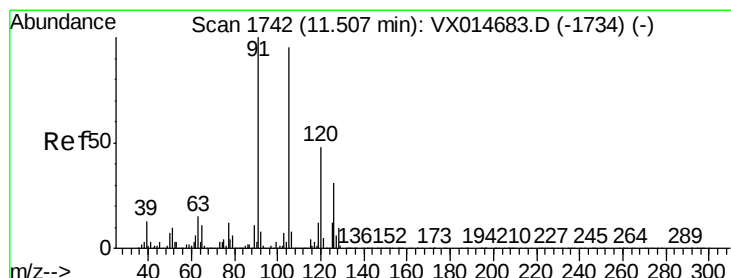
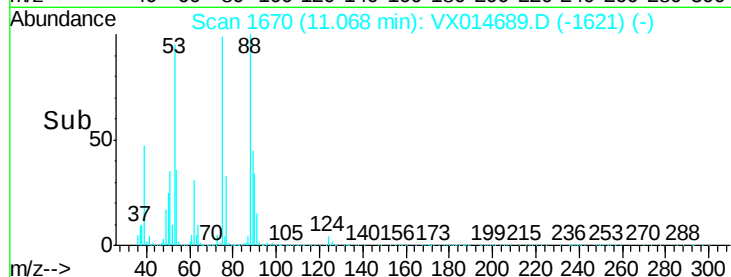
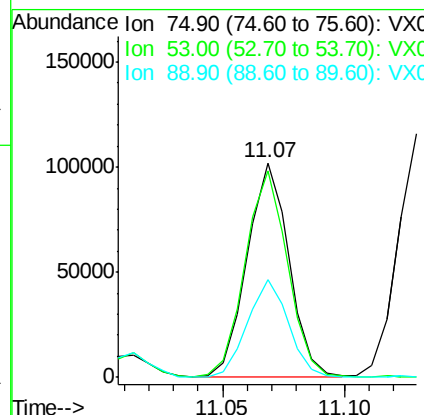
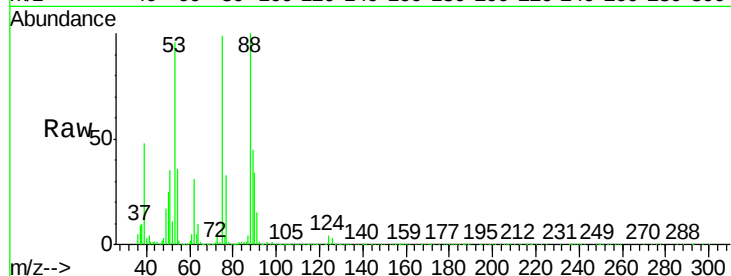
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	121732
Ion Ratio	Lower	Upper	
75	100		
53	96.9	78.8	118.2
89	44.3	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.243 ug/l

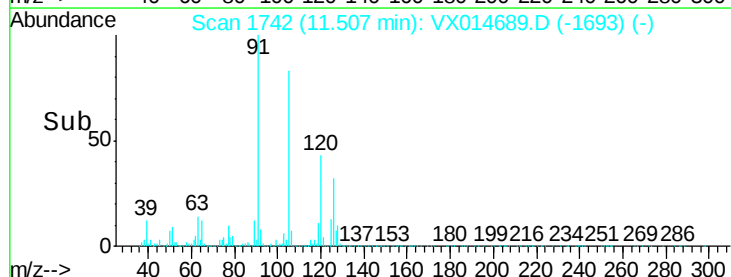
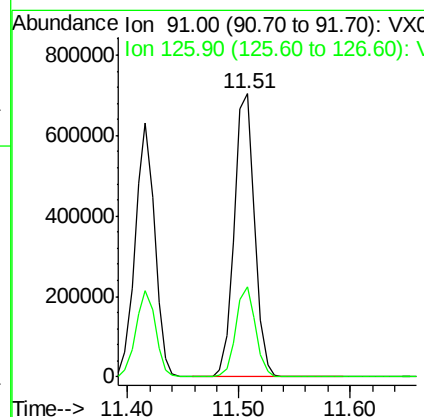
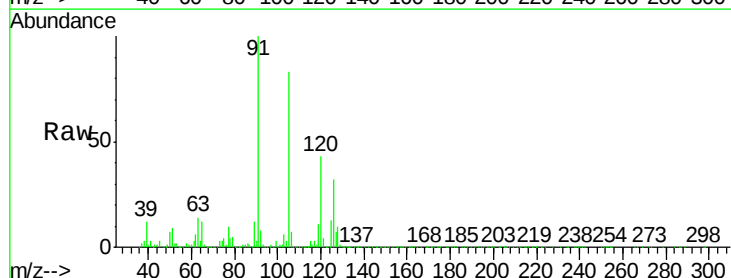
RT: 11.51 min Scan# 1742

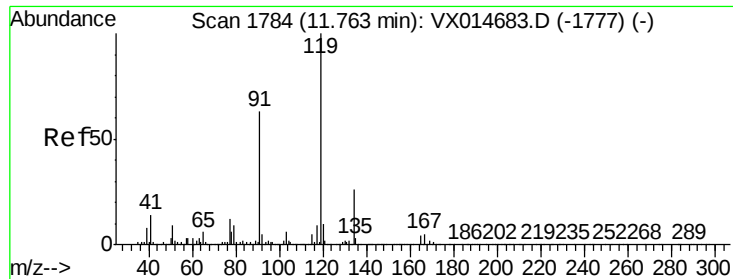
Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion:	91	Resp:	885648
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.4	46.4





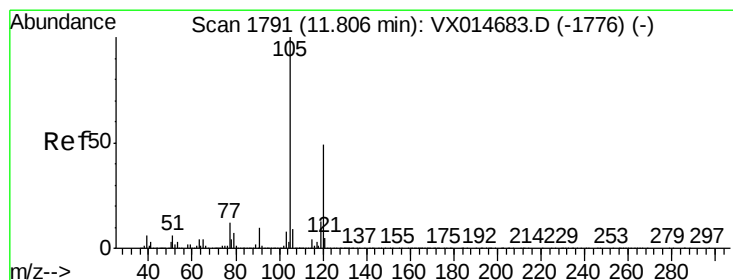
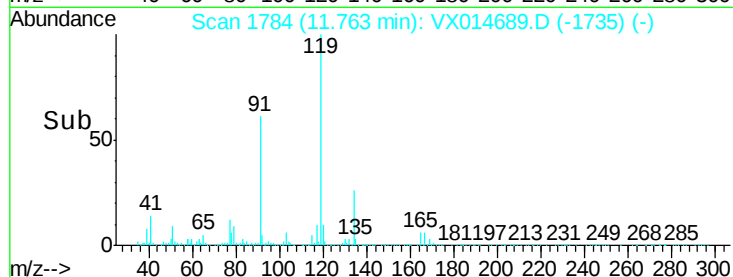
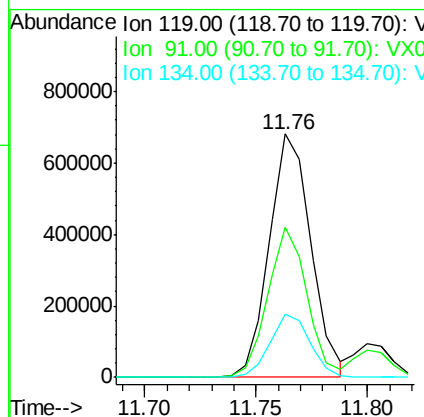
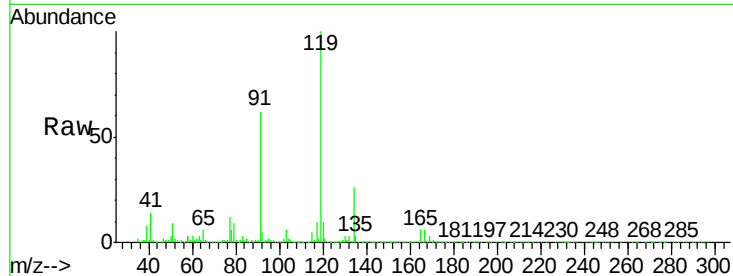
#83
tert-Butylbenzene
Concen: 52.320 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	30.0	90.0
134	25.0	12.7	38.0

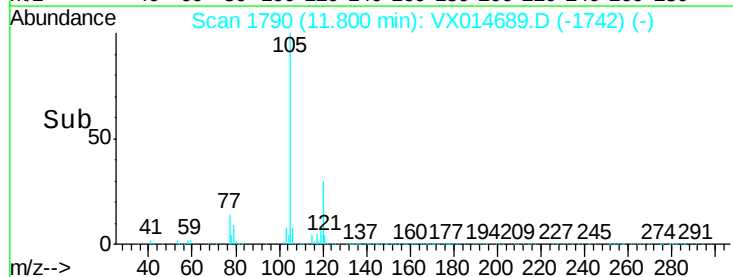
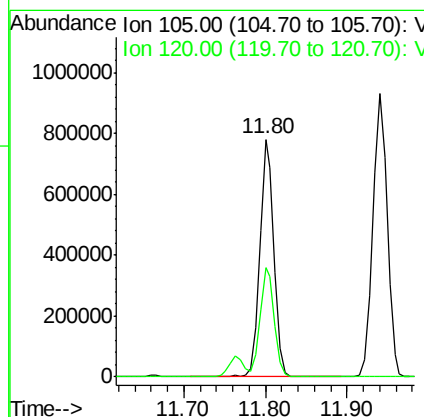
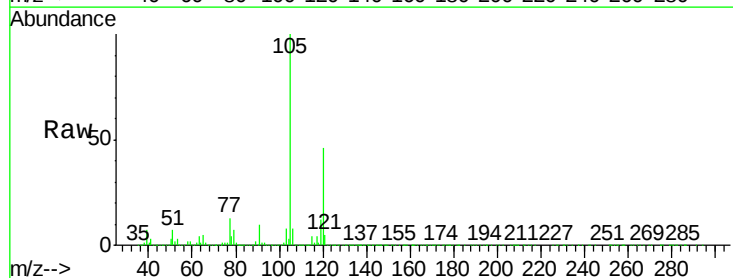
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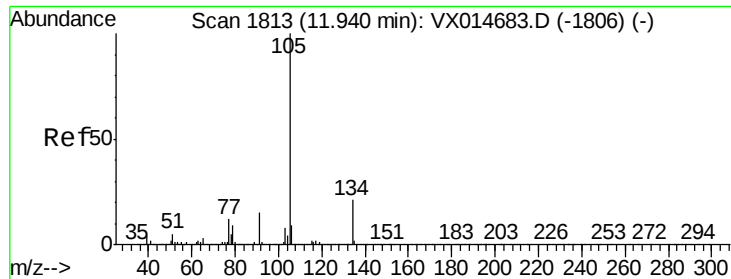
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.932 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.0





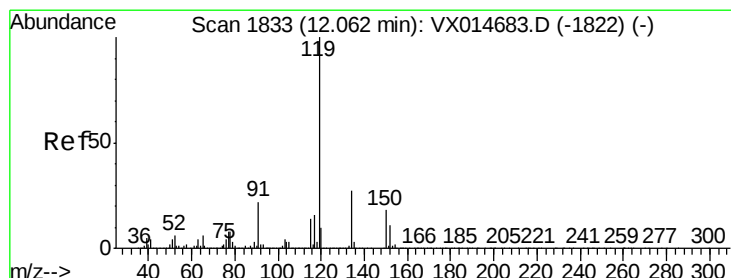
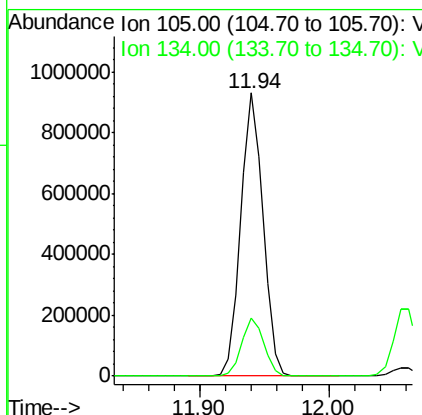
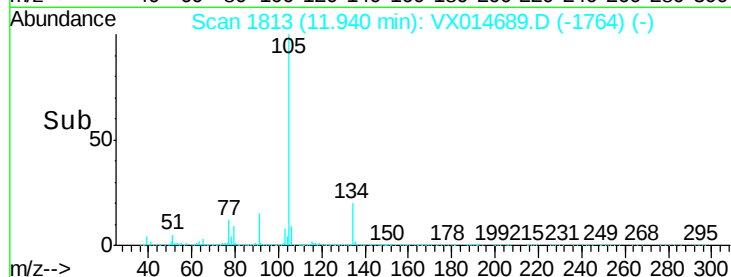
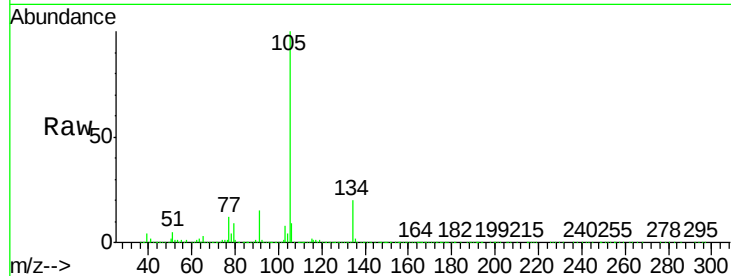
#85
 sec-Butylbenzene
 Concen: 53.758 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1113583
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8

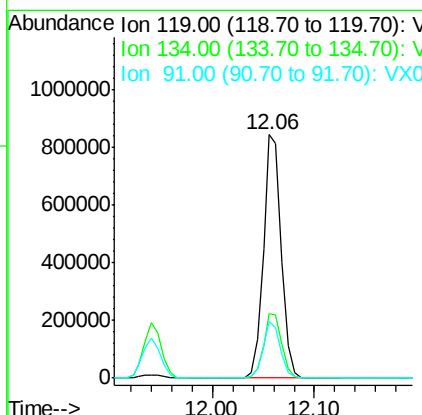
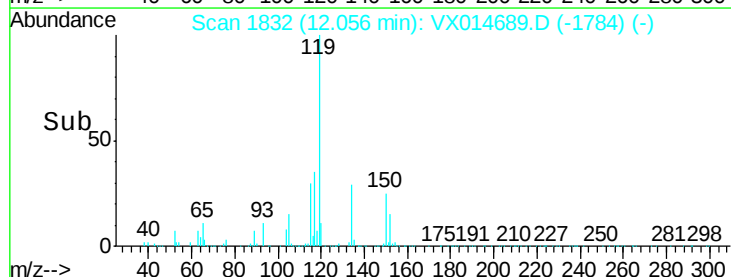
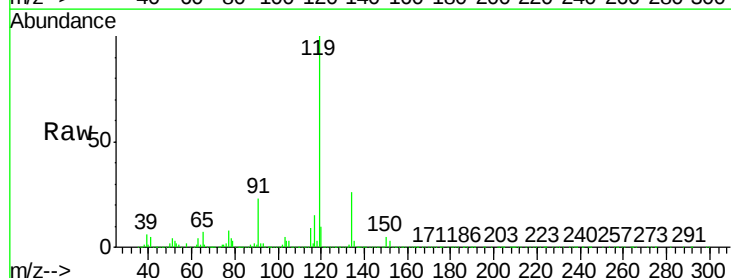
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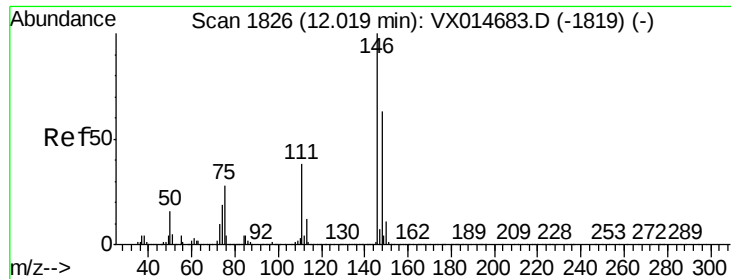
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 53.611 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion:119 Resp: 1026311
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.686 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

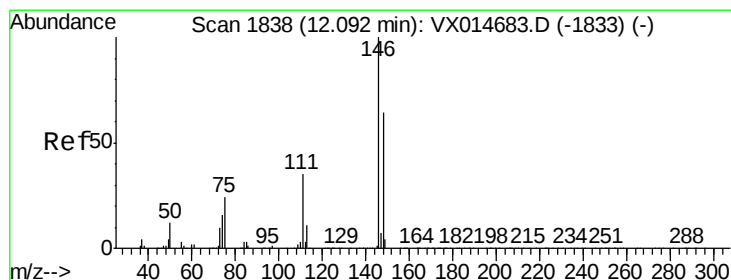
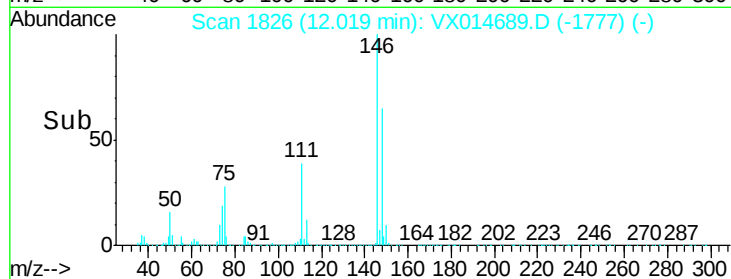
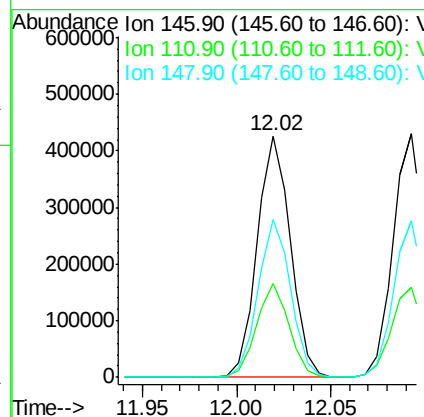
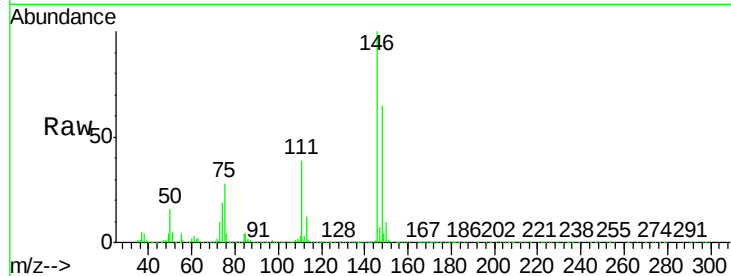
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.1	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.545 ug/l

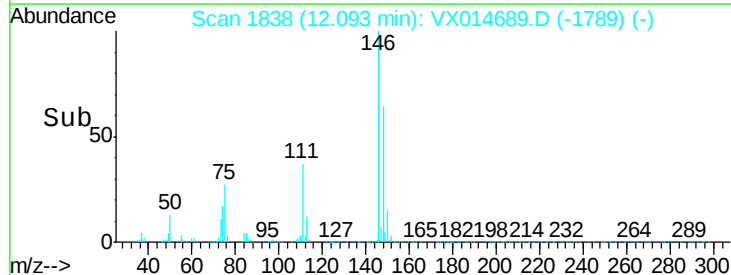
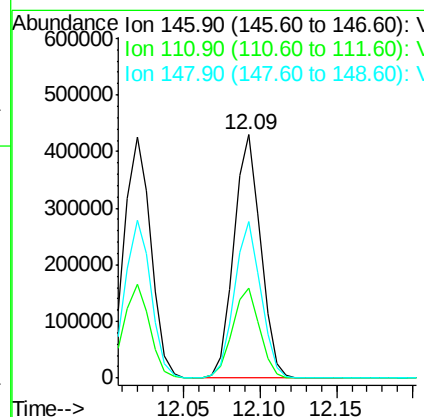
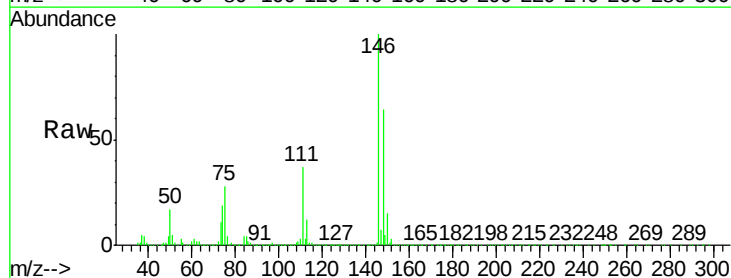
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014689.D

Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.2	32.0	96.2





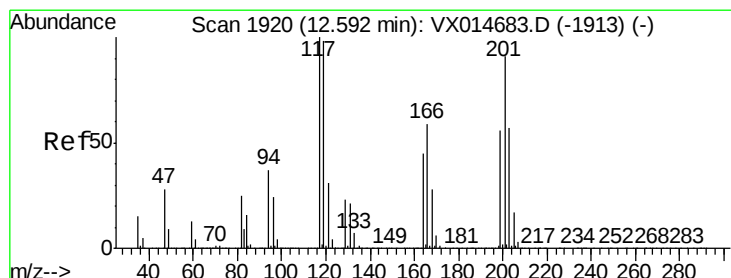
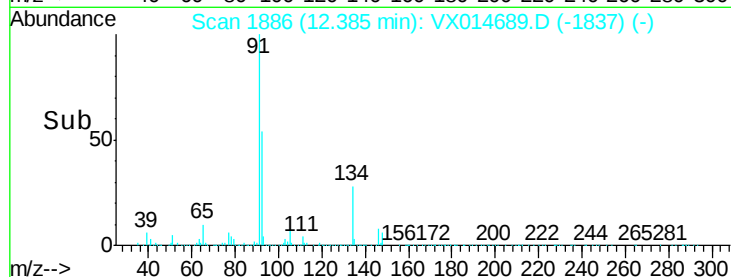
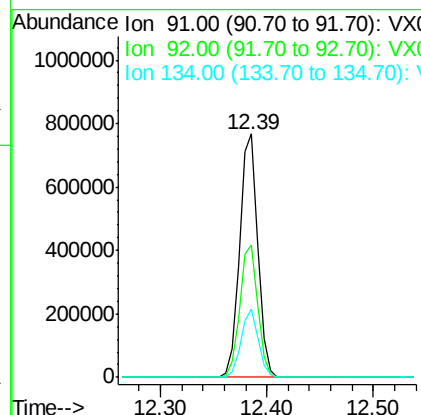
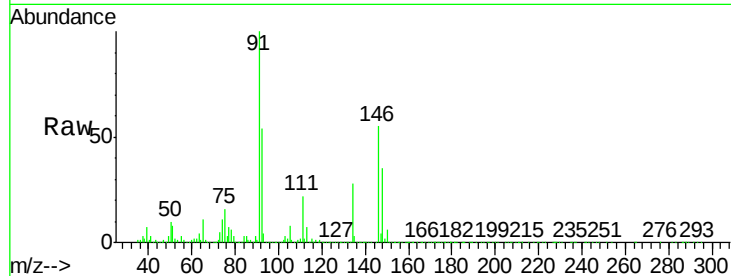
#89
n-Butylbenzene
Concen: 54.722 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	26.7	13.3	39.8

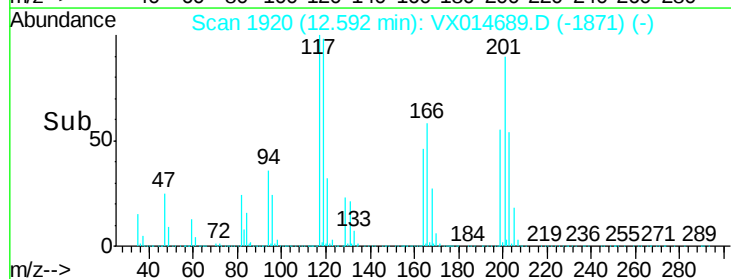
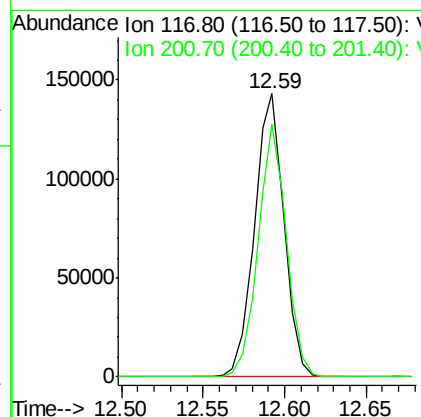
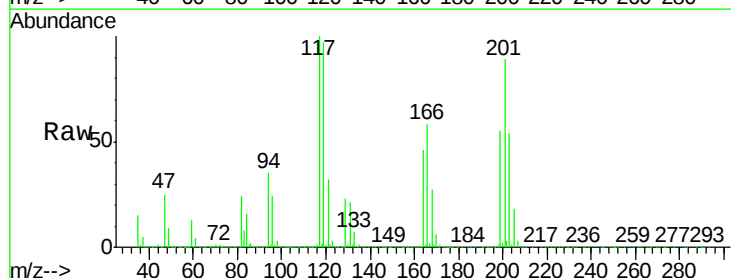
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#90
Hexachloroethane
Concen: 50.351 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.4	133.1





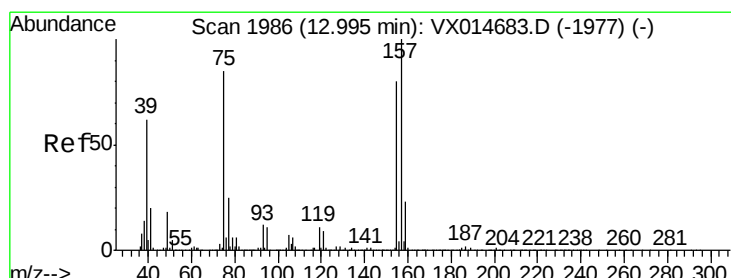
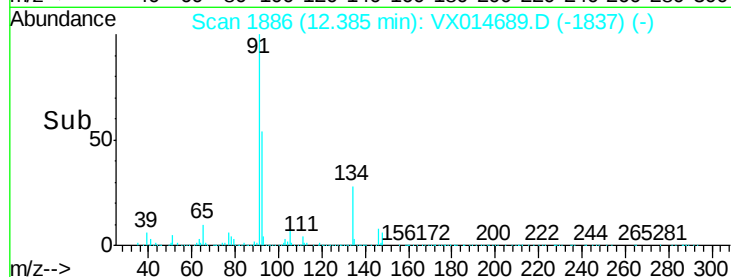
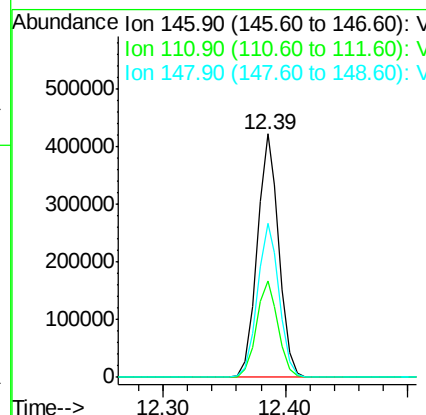
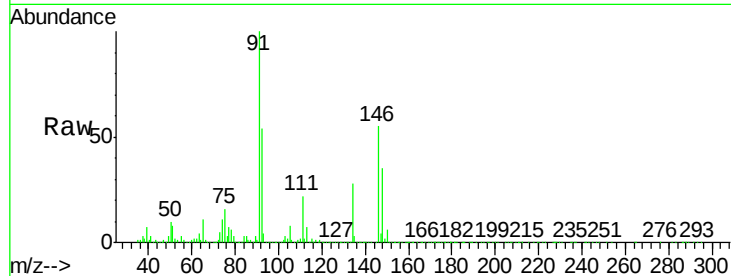
#91
 1,2-Dichlorobenzene
 Concen: 49.973 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	63.8	31.9	95.9

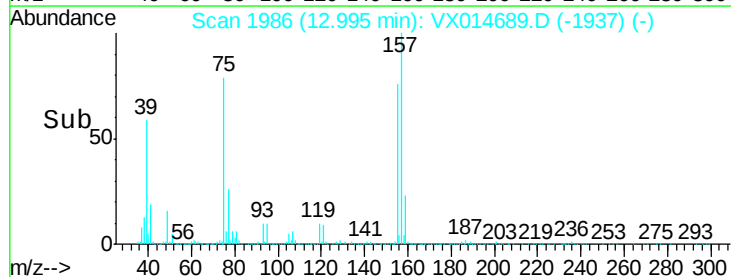
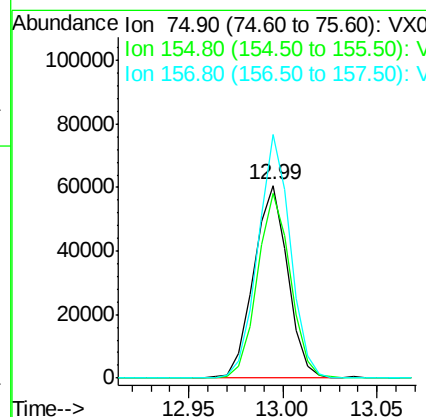
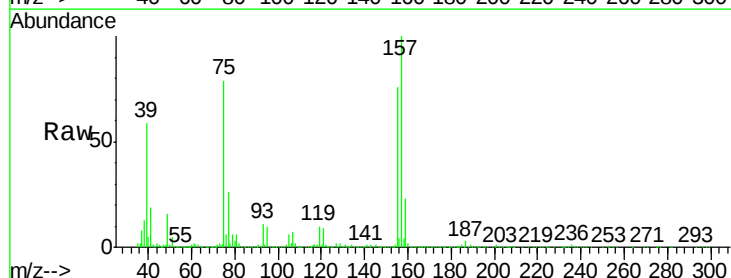
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.829 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014689.D
 Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	45.6	136.9
157	122.6	60.3	180.9





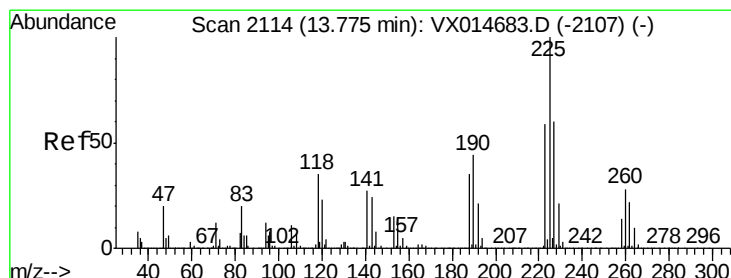
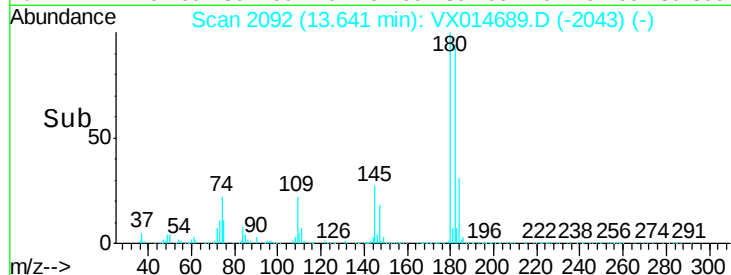
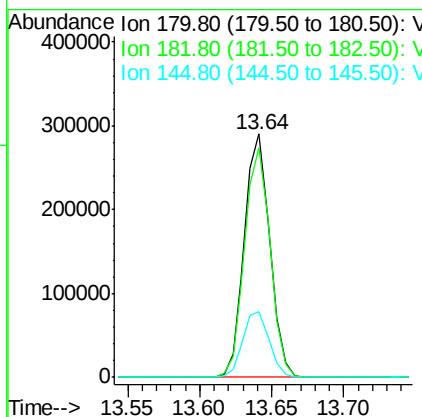
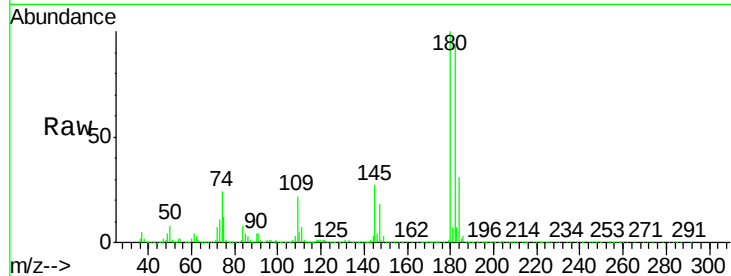
#93
1,2,4-Trichlorobenzene
Concen: 53.088 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	355845		
182	94.7	48.5	145.6	
145	28.0	14.0	41.9	

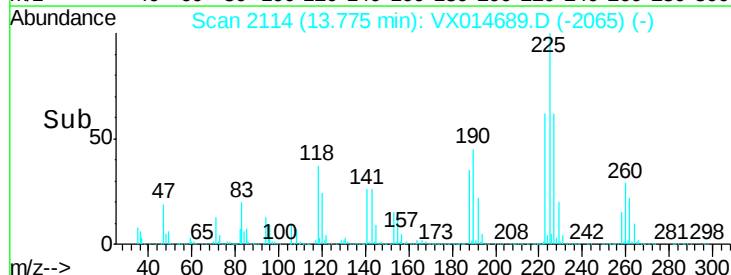
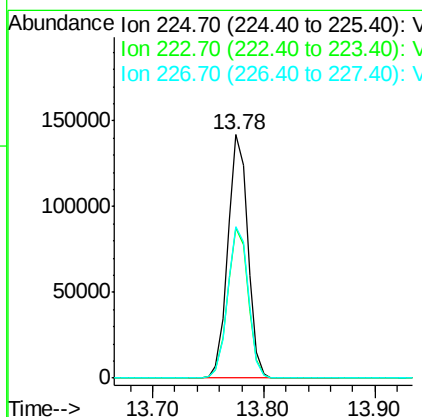
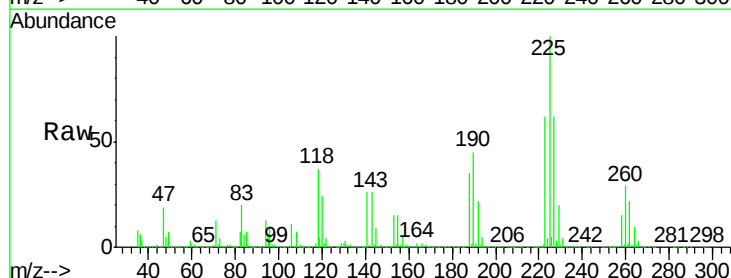
Manual Integrations
APPROVED

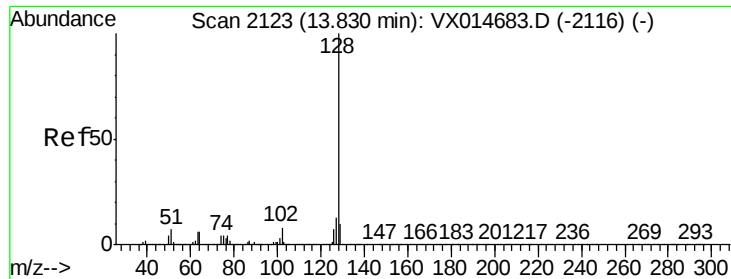
MMDadoda
1/27/2020 10:40:10 AM



#94
Hexachlorobutadiene
Concen: 50.945 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175758		
223	63.5	30.6	91.8	
227	64.2	31.4	94.0	





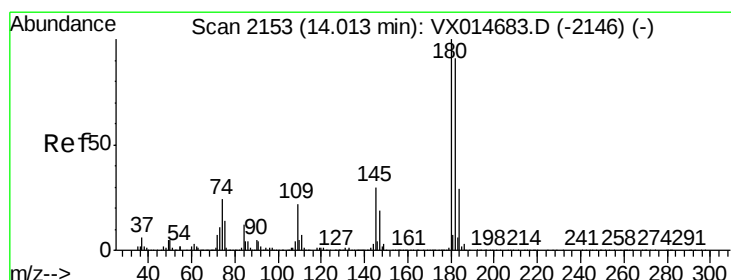
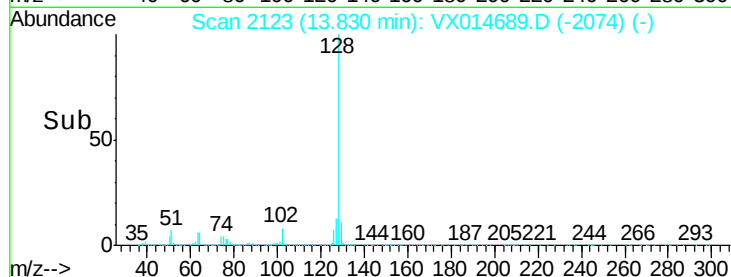
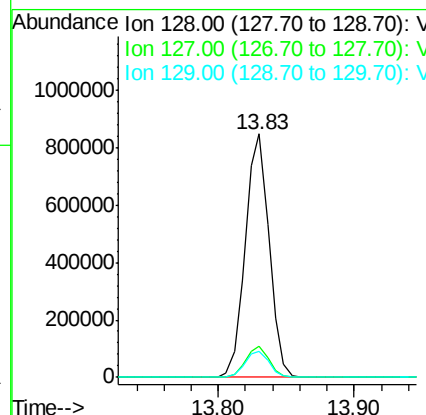
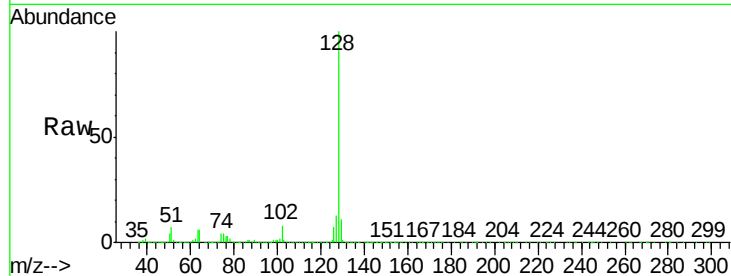
#95
Naphthalene
Concen: 47.961 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:40:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.450 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014689.D
Acq: 24 Jan 2020 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.6	139.7
145	30.3	14.7	44.1

