

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012120\
 Data File : VX014673.D
 Acq On : 21 Jan 2020 09:35
 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
 1/22/2020 12:26:36 PM

Quant Time: Jan 22 04:29:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	594741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	255869	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.48	113	209992	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	8.71	98	804403	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.13	95	289196	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	267206	48.599	ug/l	99
3) Chloromethane	1.32	50	265585	47.040	ug/l	99
4) Vinyl Chloride	1.40	62	316382	50.289	ug/l	99
5) Bromomethane	1.63	94	191201	45.849	ug/l	99
6) Chloroethane	1.72	64	176003	51.375	ug/l	100
7) Trichlorofluoromethane	1.92	101	354730	49.705	ug/l	99
8) Diethyl Ether	2.18	74	153478	47.138	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213893	49.263	ug/l	99
10) Methyl Iodide	2.50	142	278378	53.544	ug/l	99
11) Tert butyl alcohol	3.03	59	223942	216.913	ug/l	99
12) 1,1-Dichloroethene	2.36	96	204483	46.744	ug/l	97
13) Acrolein	2.28	56	194667	235.248	ug/l	98
14) Allyl chloride	2.72	41	378135	49.235	ug/l	98
15) Acrylonitrile	3.13	53	625722	251.119	ug/l	98
16) Acetone	2.43	43	698032	282.094	ug/l	100
17) Carbon Disulfide	2.56	76	531313	43.529	ug/l	99
18) Methyl Acetate	2.76	43	379502	53.401	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	706164	50.287	ug/l	100
20) Methylene Chloride	2.85	84	236643	47.575	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	222799	46.652	ug/l	98
22) Diisopropyl ether	3.84	45	784954	52.886	ug/l	94
23) Vinyl Acetate	3.80	43	3012184	262.131	ug/l	100
24) 1,1-Dichloroethane	3.69	63	413008	51.152	ug/l	98
25) 2-Butanone	4.65	43	974478	263.841	ug/l	100
26) 2,2-Dichloropropane	4.57	77	342098	50.016	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	257365	48.207	ug/l	98
28) Bromochloromethane	5.00	49	167488	49.229	ug/l	96
29) Tetrahydrofuran	5.11	42	552594	253.055	ug/l	98
30) Chloroform	5.20	83	408390	51.762	ug/l	97
31) Cyclohexane	5.57	56	380428	50.338	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	345510	51.160	ug/l	99
36) 1,1-Dichloropropene	5.79	75	309366	50.639	ug/l	99
37) Ethyl Acetate	4.81	43	339095	51.100	ug/l	98
38) Carbon Tetrachloride	5.77	117	298404	53.078	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	386002	50.291	ug/l	96
40) Benzene	6.13	78	933127	51.462	ug/l	99
41) Methacrylonitrile	5.03	41	188018	53.131	ug/l	98
42) 1,2-Dichloroethane	6.18	62	322243	50.829	ug/l	100
43) Isopropyl Acetate	6.43	43	552817	51.569	ug/l	99
44) Trichloroethene	7.20	130	260008	49.898	ug/l	99
45) 1,2-Dichloropropane	7.50	63	247743	53.591	ug/l	99
46) Dibromomethane	7.65	93	158153	49.016	ug/l	98
47) Bromodichloromethane	7.89	83	322105	54.863	ug/l	99
48) Methyl methacrylate	7.76	41	274606	53.485	ug/l	99
49) 1,4-Dioxane	7.73	88	98200	902.659	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1763794	270.007	ug/l	98
52) Toluene	8.78	92	591020	50.918	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	355712	52.041	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	392333	53.136	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	242243	51.959	ug/l	99
56) Ethyl methacrylate	9.17	69	377708	52.881	ug/l	97
57) 1,3-Dichloropropane	9.36	76	408595	52.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	651640	268.145	ug/l	98
59) 2-Hexanone	9.48	43	1410409	272.874	ug/l	99
60) Dibromochloromethane	9.57	129	258531	55.171	ug/l	99
61) 1,2-Dibromoethane	9.67	107	252949	51.219	ug/l	98
64) Tetrachloroethene	9.33	164	287164	48.177	ug/l	99
65) Chlorobenzene	10.14	112	636758	49.335	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	238838	51.853	ug/l	99
67) Ethyl Benzene	10.25	91	1129810	51.357	ug/l	99
68) m/p-Xylenes	10.36	106	874964	103.093	ug/l	99
69) o-Xylene	10.70	106	418625	51.696	ug/l	100
70) Styrene	10.71	104	721599	51.636	ug/l	99
71) Bromoform	10.85	173	195622	51.909	ug/l #	98
73) Isopropylbenzene	11.01	105	1119198	52.222	ug/l	99
74) N-amyl acetate	10.89	43	482792	51.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	353603	51.448	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	307043m	48.624	ug/l	
77) Bromobenzene	11.25	156	289970	48.788	ug/l	99
78) n-propylbenzene	11.35	91	1304087	53.131	ug/l	99
79) 2-Chlorotoluene	11.42	91	754584	51.584	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	951458	53.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124879	52.284	ug/l	97
82) 4-Chlorotoluene	11.51	91	876464	51.043	ug/l	99
83) tert-Butylbenzene	11.76	119	882795	52.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	955299	53.133	ug/l	99
85) sec-Butylbenzene	11.94	105	1109885	53.104	ug/l	99
86) p-Isopropyltoluene	12.06	119	1019691	52.576	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	525906	49.304	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	525479	52.467	ug/l	99
89) n-Butylbenzene	12.39	91	913466	51.513	ug/l	99
90) Hexachloroethane	12.59	117	180396	52.953	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	520094	49.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75058	48.549	ug/l	99

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VSTDCCC050

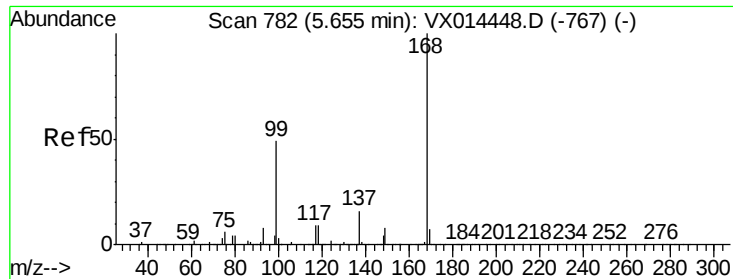
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	361700	49.313	ug/l	99
94) Hexachlorobutadiene	13.78	225	182442	53.106	ug/l	99
95) Naphthalene	13.83	128	1038629	45.623	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364960	50.705	ug/l	100

(#) = 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: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 168 Resp: 442921

Ion Ratio Lower Upper

168 100

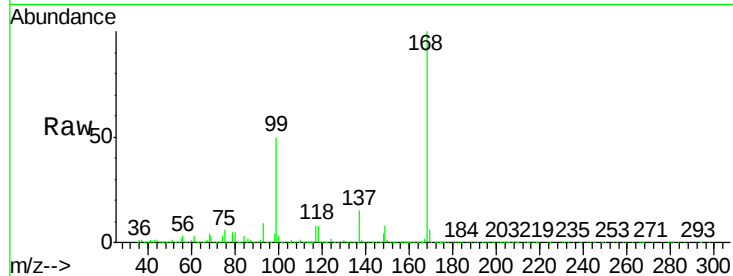
99 50.2 39.2 58.8

Manual Integrations

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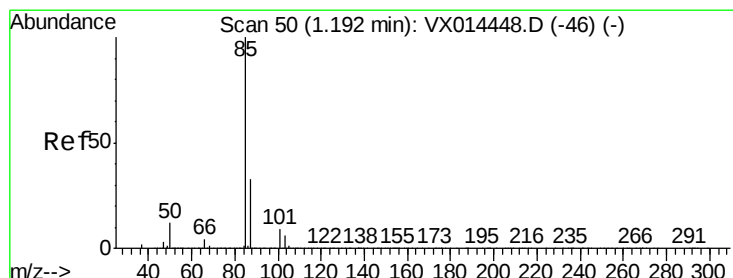
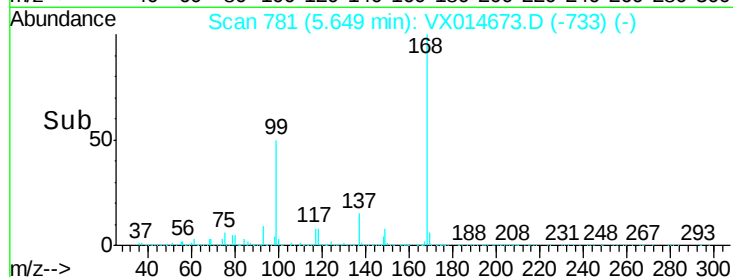
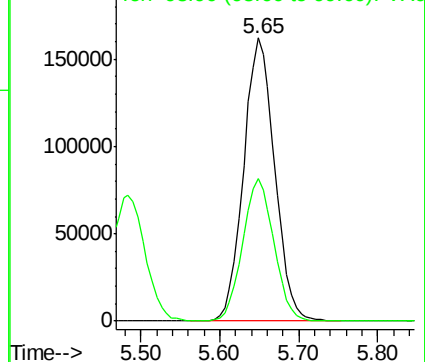
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.599 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014673.D

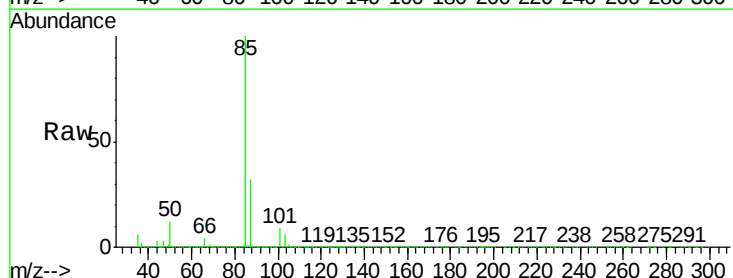
Acq: 21 Jan 2020 09:35

Tgt Ion: 85 Resp: 267206

Ion Ratio Lower Upper

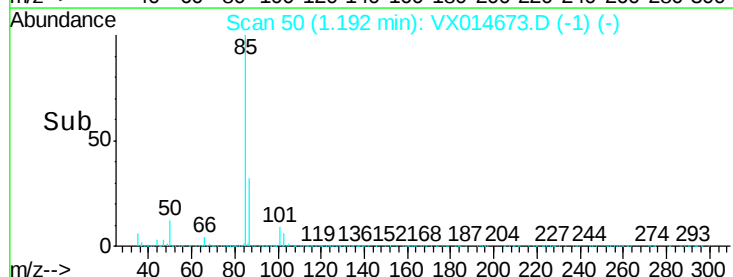
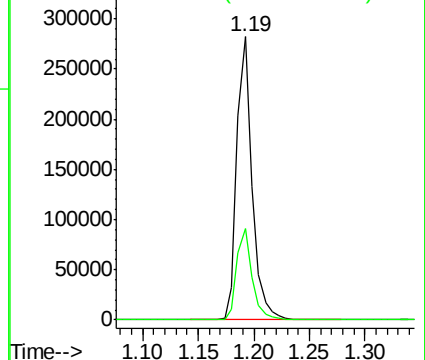
85 100

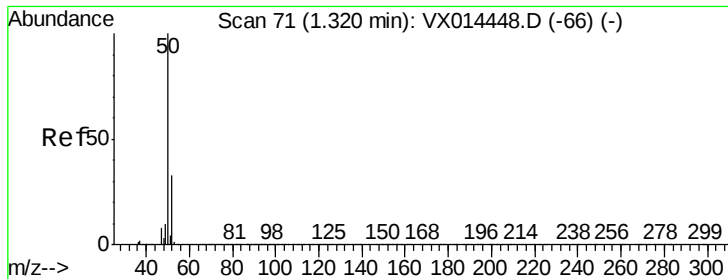
87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.040 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 265585

Ion Ratio Lower Upper

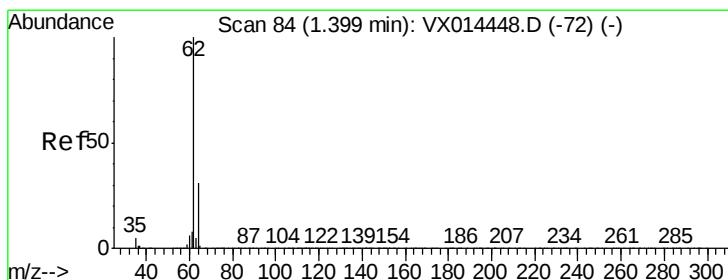
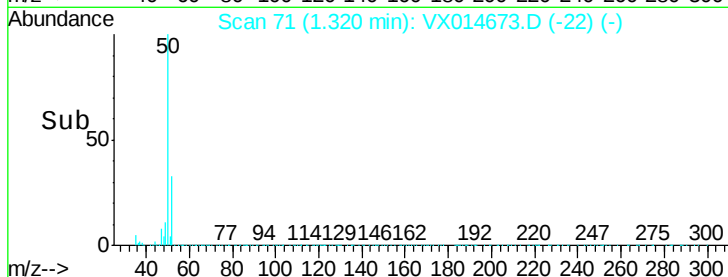
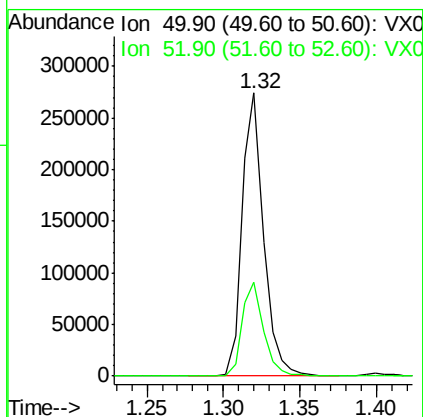
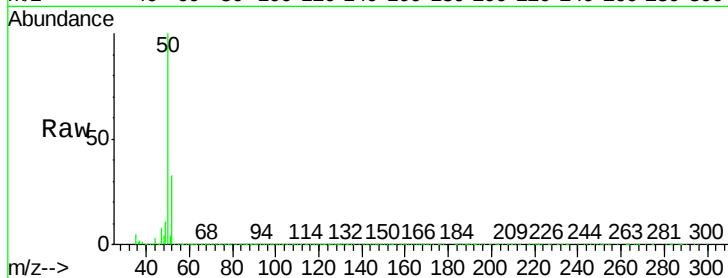
50 100

52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.289 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014673.D

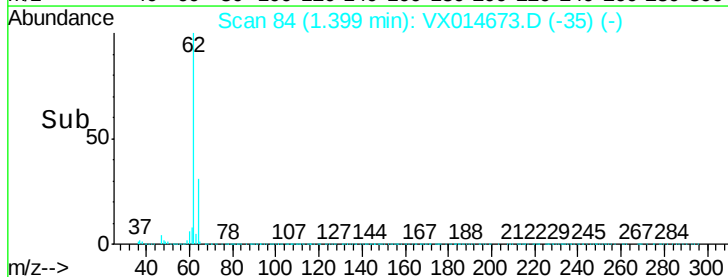
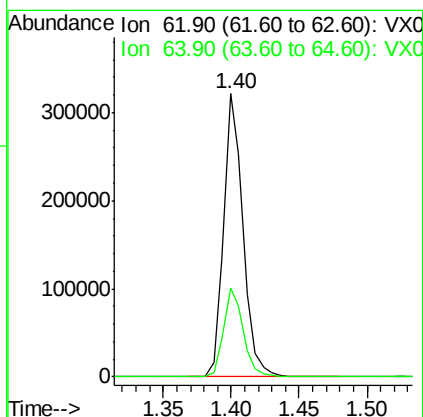
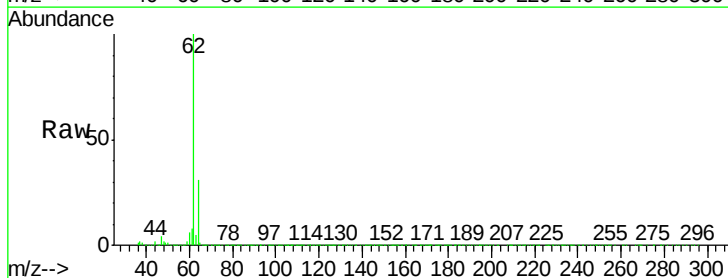
Acq: 21 Jan 2020 09:35

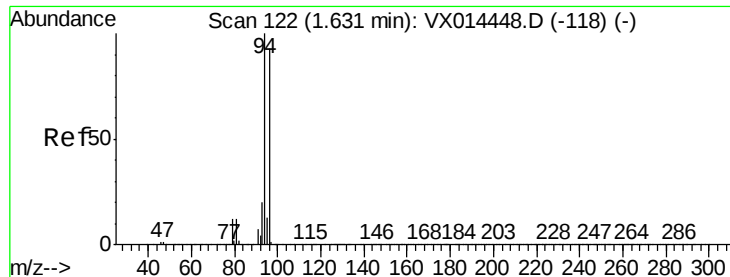
Tgt Ion: 62 Resp: 316382

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 45.849 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 191201

Ion Ratio Lower Upper

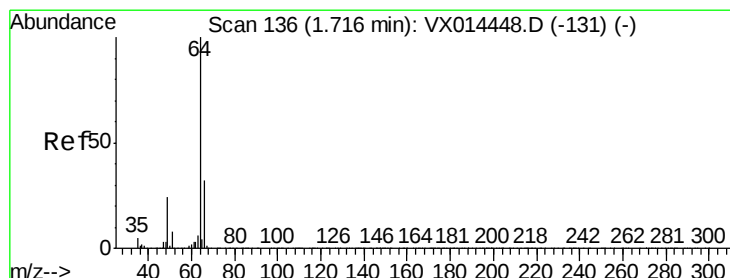
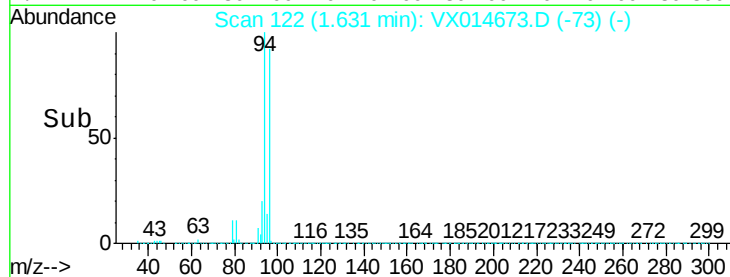
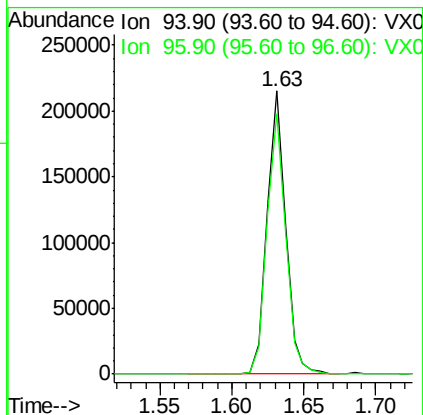
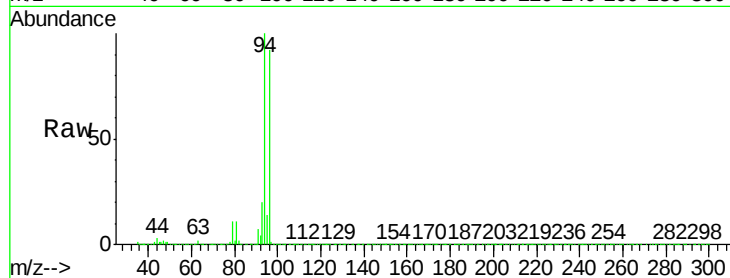
94 100

96 92.0 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 51.375 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014673.D

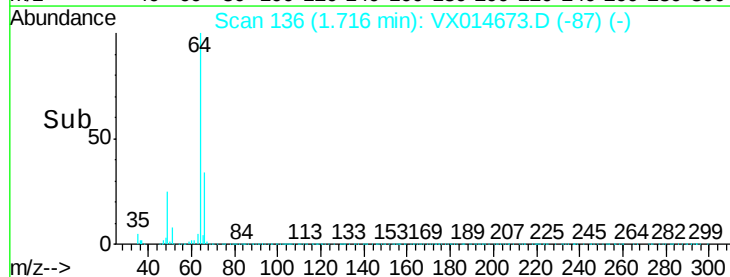
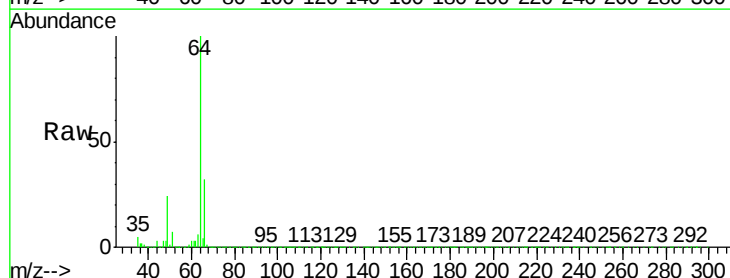
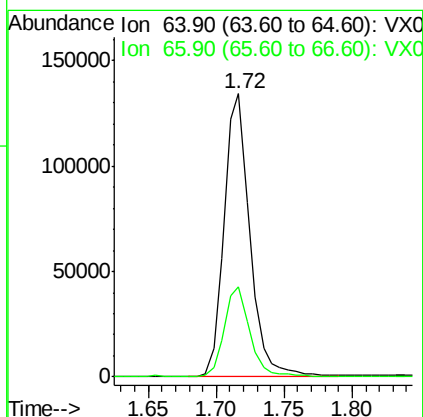
Acq: 21 Jan 2020 09:35

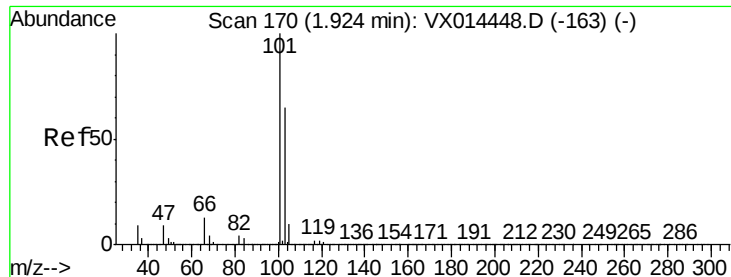
Tgt Ion: 64 Resp: 176003

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9





#7

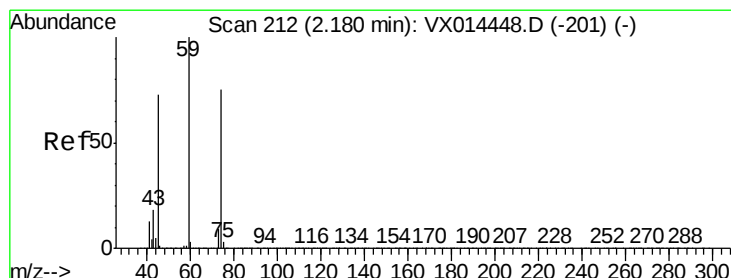
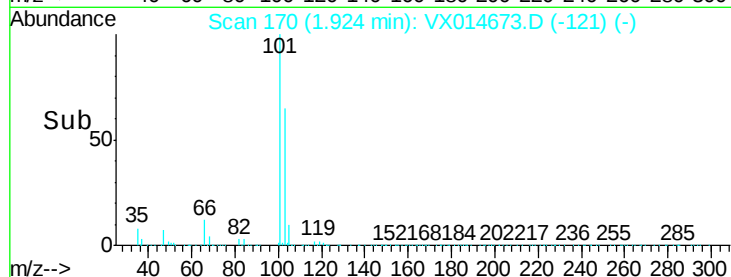
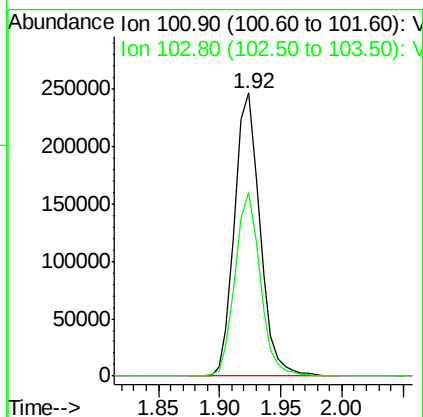
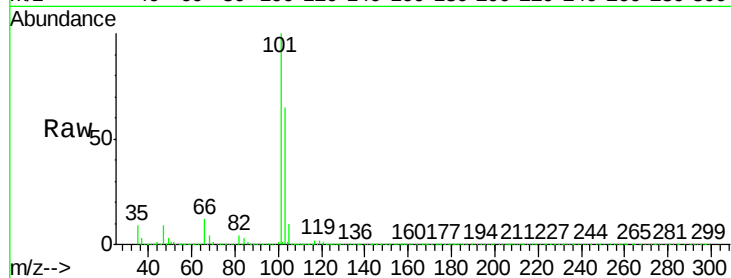
Trichlorofluoromethane
Concen: 49.705 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.4

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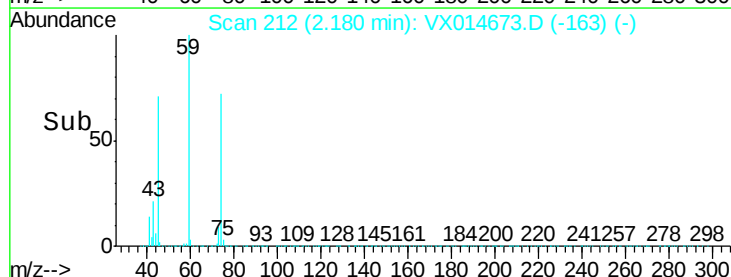
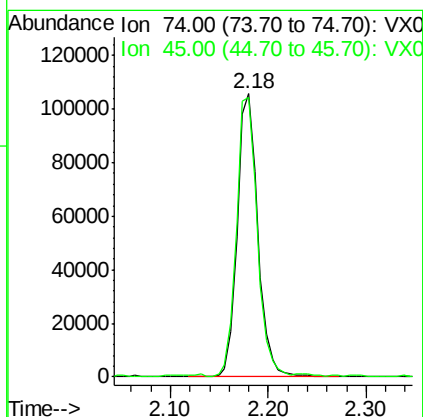
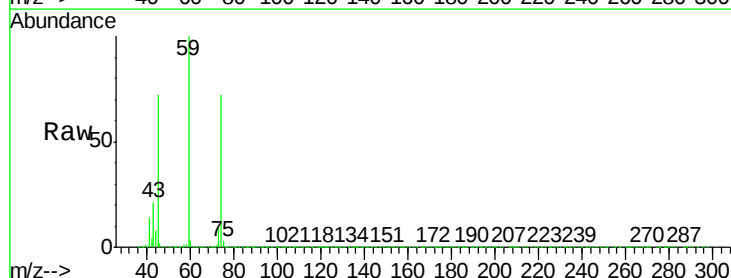
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1/22/2020 12:26:36 PM

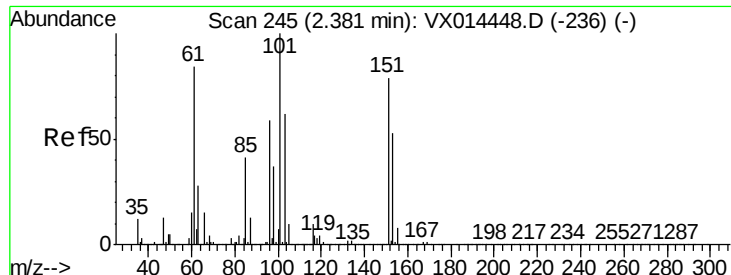


#8

Diethyl Ether
Concen: 47.138 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.263 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

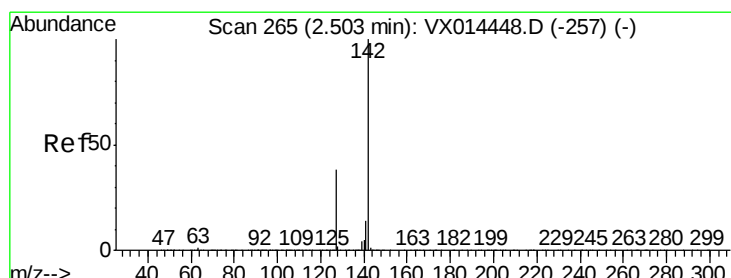
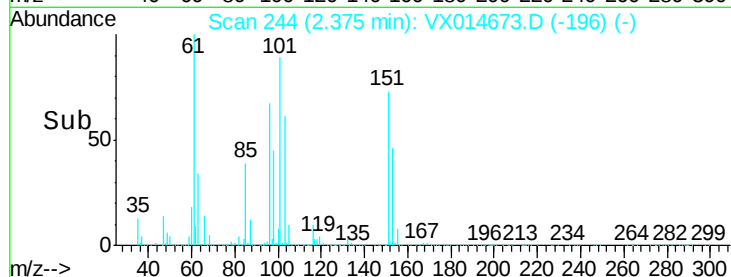
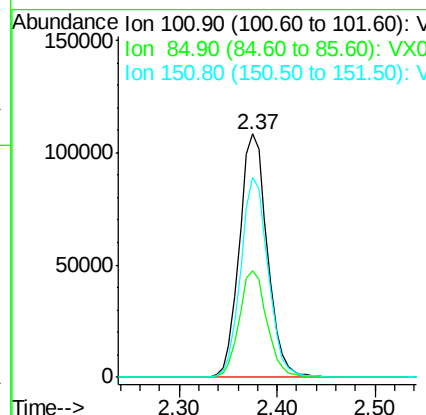
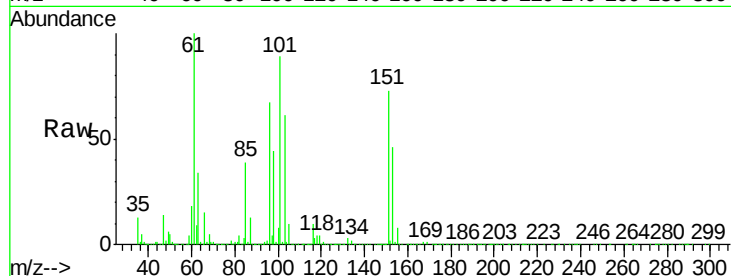
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	213893
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.8	50.8
151	80.9	65.3	97.9

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#10

Methyl Iodide

Concen: 53.544 ug/l

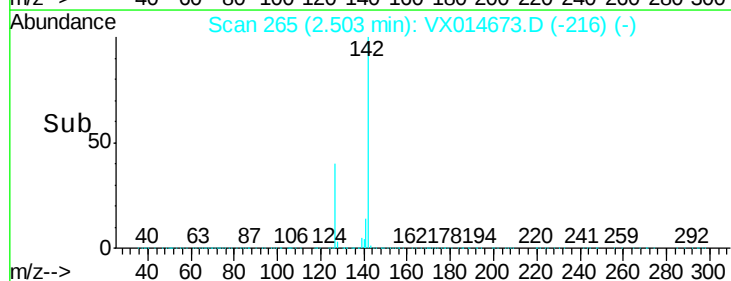
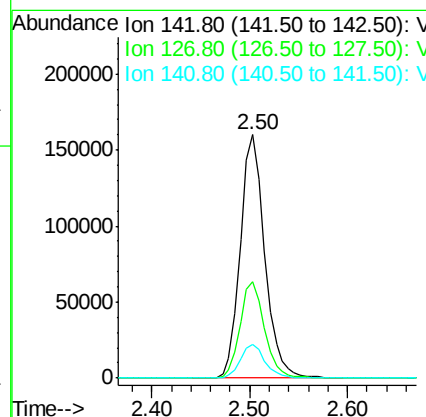
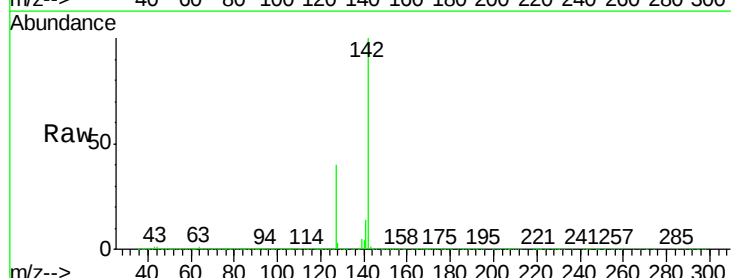
RT: 2.50 min Scan# 265

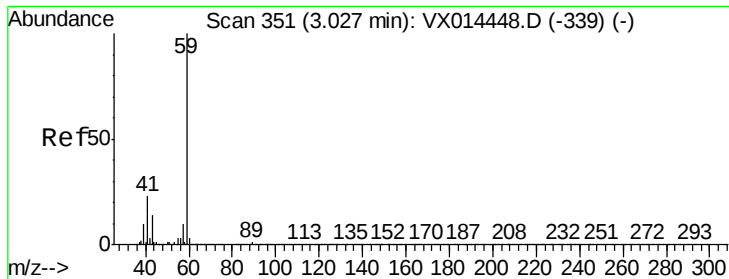
Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	142	Resp:	278378
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.2	46.8
141	13.8	11.4	17.2





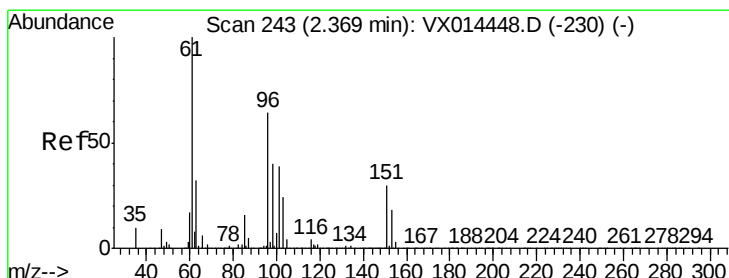
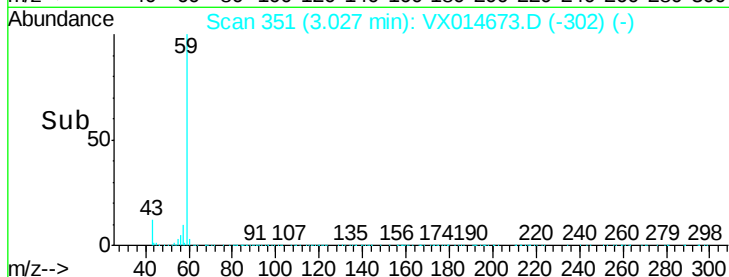
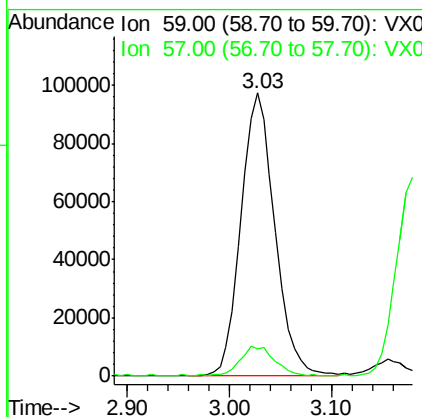
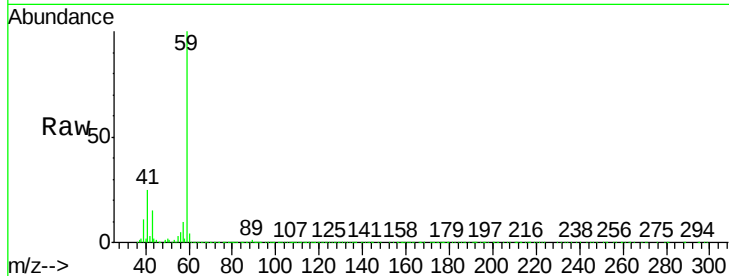
#11
Tert butyl alcohol
Concen: 216.913 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 223942
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

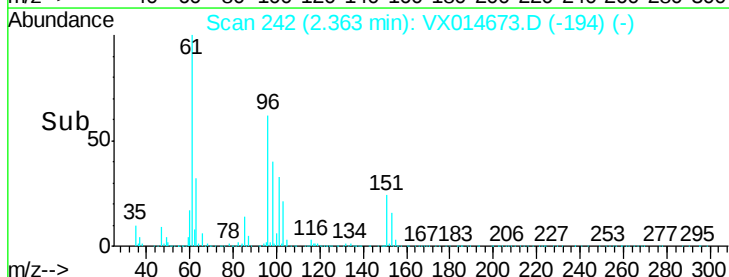
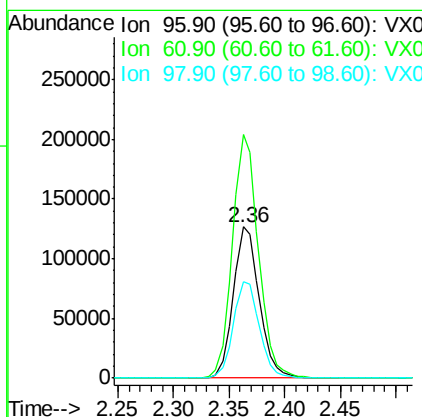
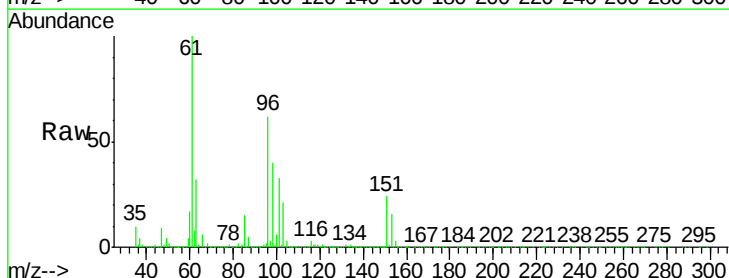
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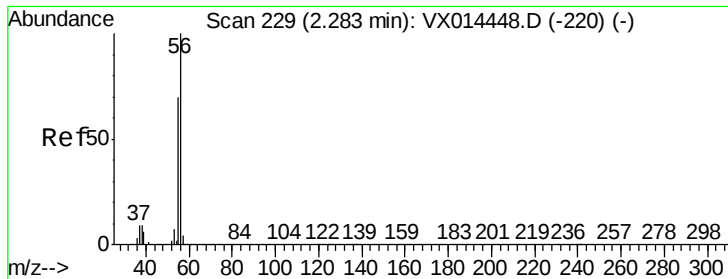
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.744 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 96 Resp: 204483
Ion Ratio Lower Upper
96 100
61 161.2 125.0 187.6
98 64.2 50.2 75.2





#13

Acrolein

Concen: 235.248 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 194667

Ion Ratio Lower Upper

56 100

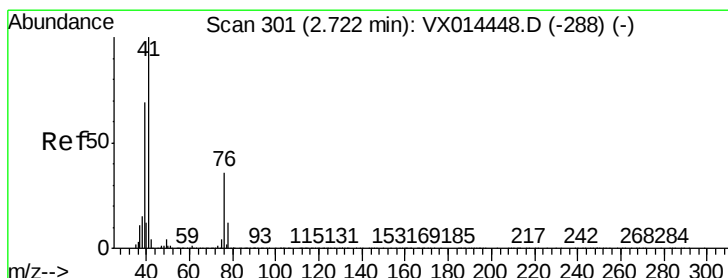
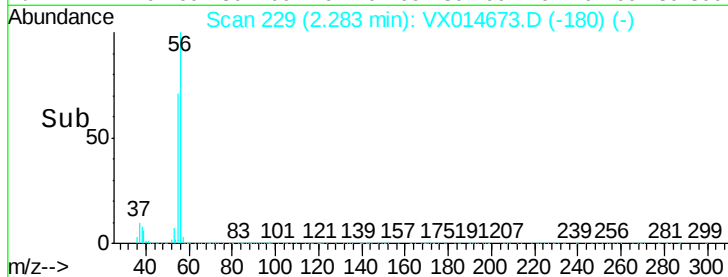
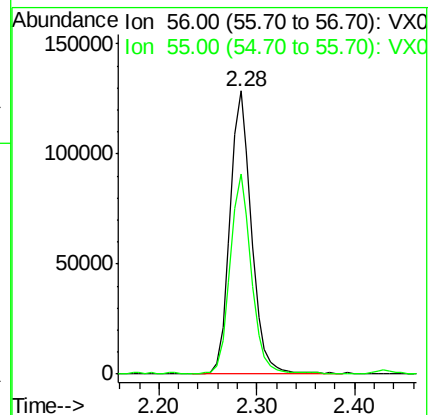
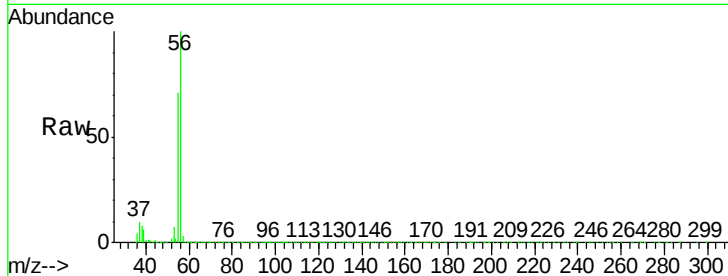
55 70.1 55.0 82.6

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#14

Allyl chloride

Concen: 49.235 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

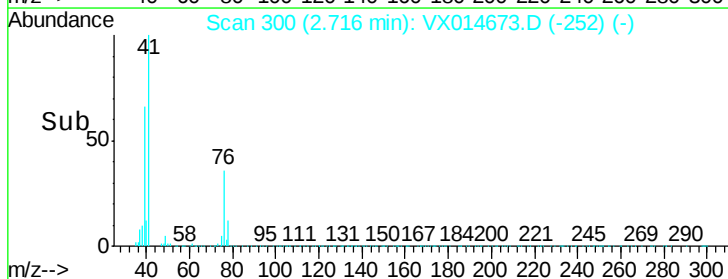
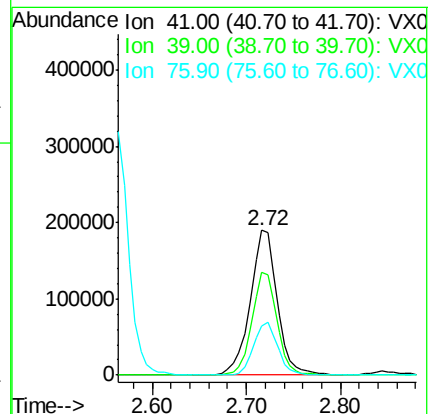
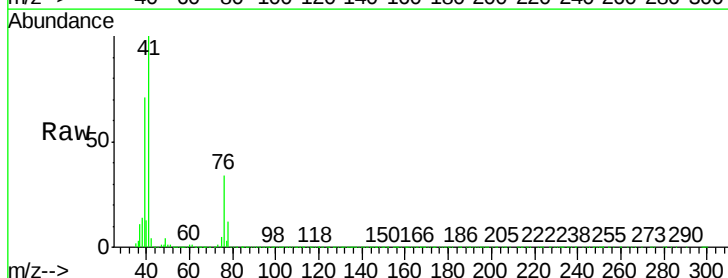
Tgt Ion: 41 Resp: 378135

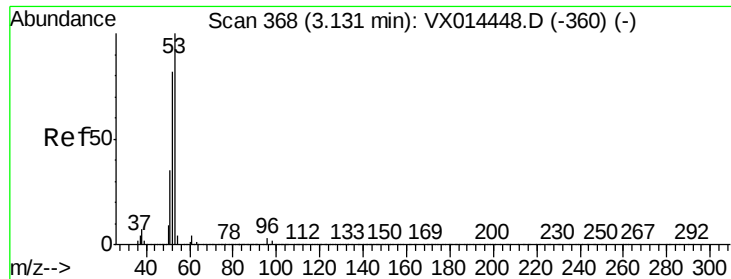
Ion Ratio Lower Upper

41 100

39 66.3 51.7 77.5

76 32.3 26.8 40.2





#15

Acrylonitrile

Concen: 251.119 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

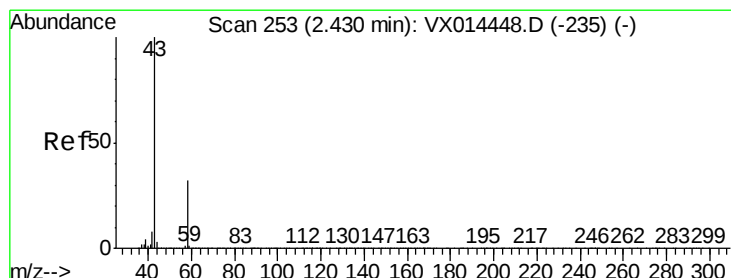
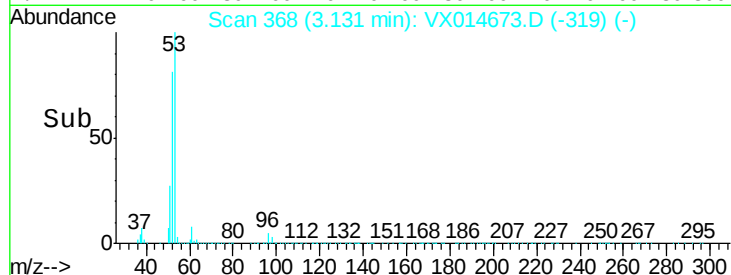
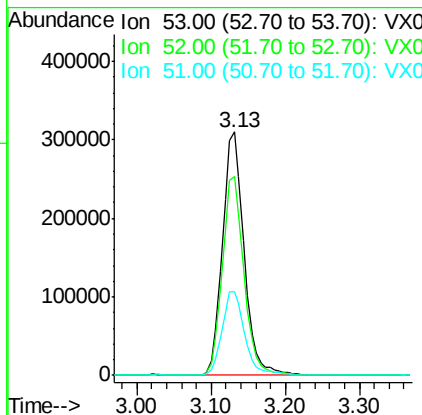
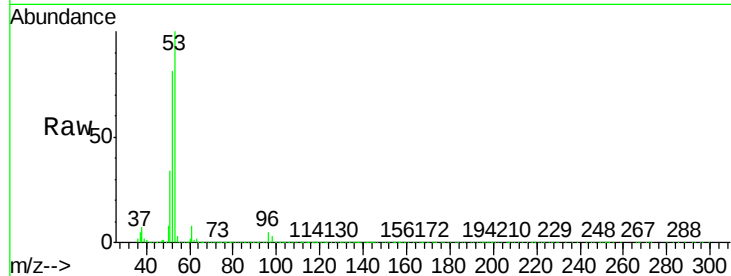
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	625722
Ion Ratio		Lower	Upper
53	100		
52	81.8	67.0	100.4
51	36.2	28.5	42.7

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#16

Acetone

Concen: 282.094 ug/l

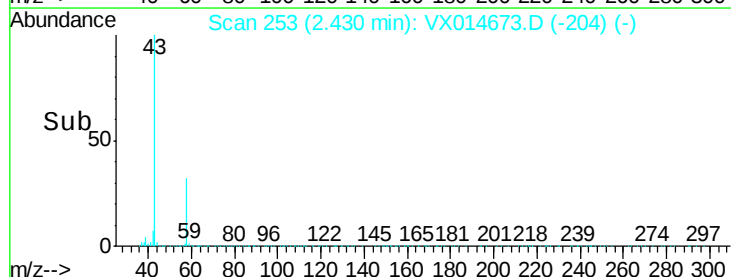
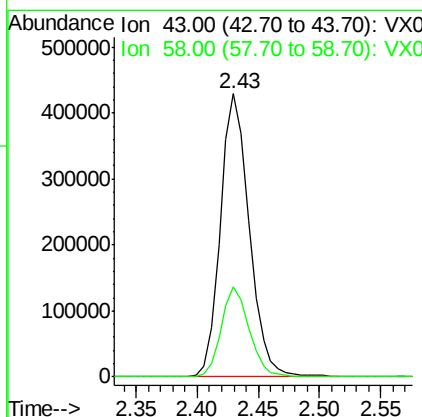
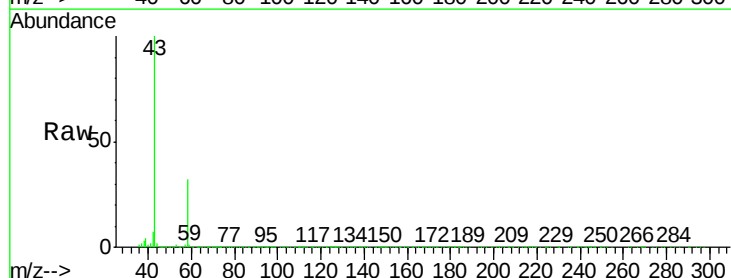
RT: 2.43 min Scan# 253

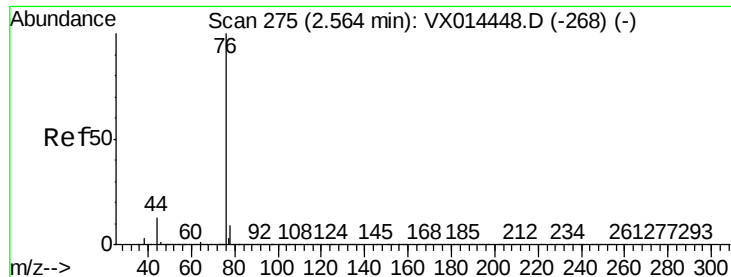
Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	43	Resp:	698032
Ion Ratio		Lower	Upper
43	100		
58	32.0	25.4	38.0





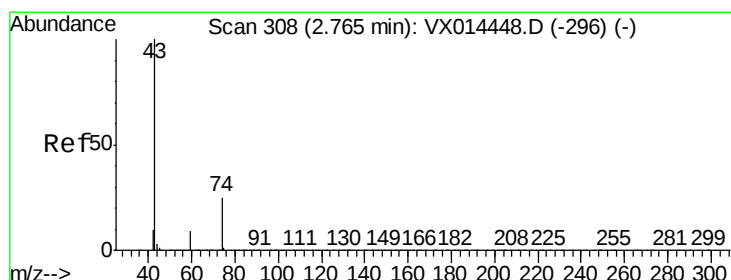
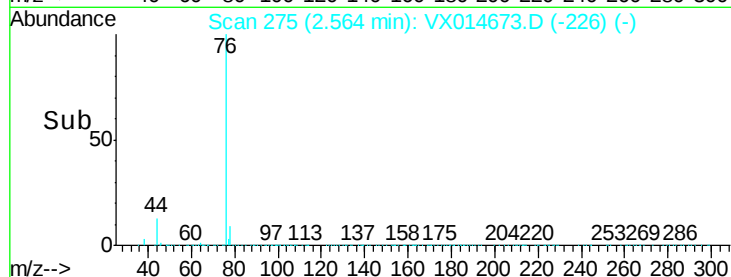
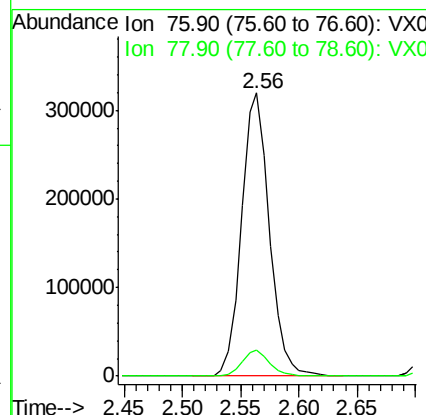
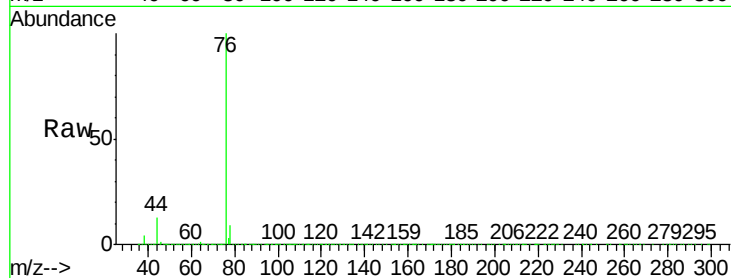
#17
Carbon Disulfide
Concen: 43.529 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

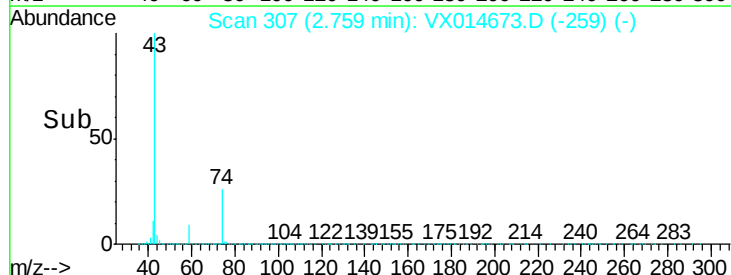
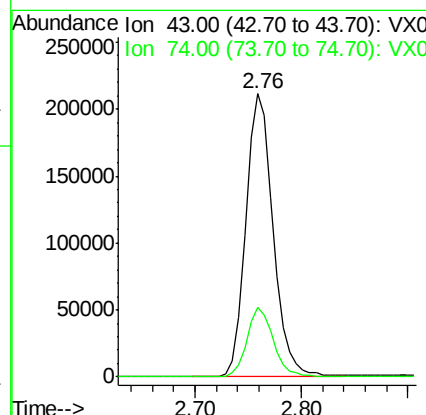
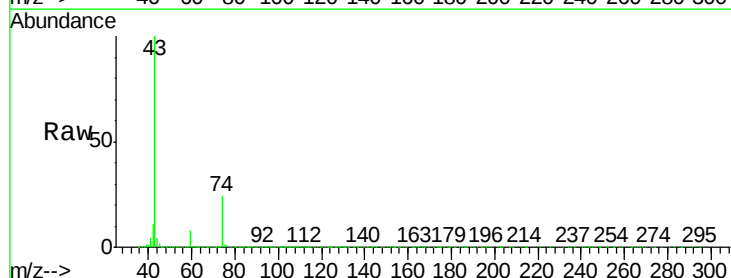
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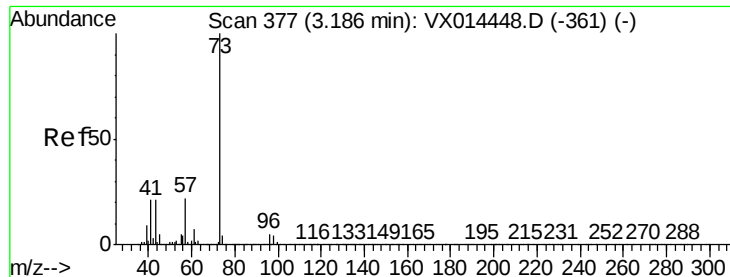
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#18
Methyl Acetate
Concen: 53.401 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.2





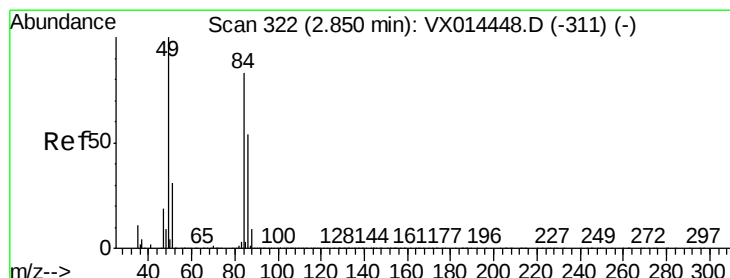
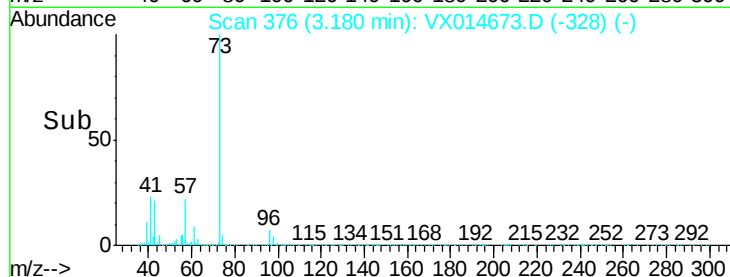
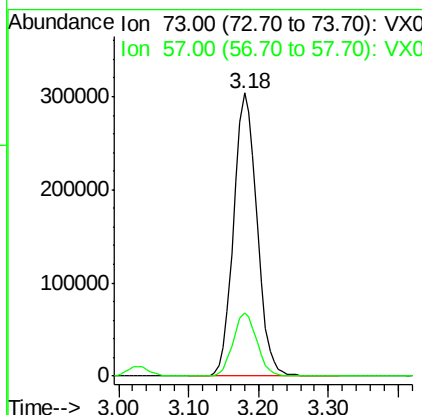
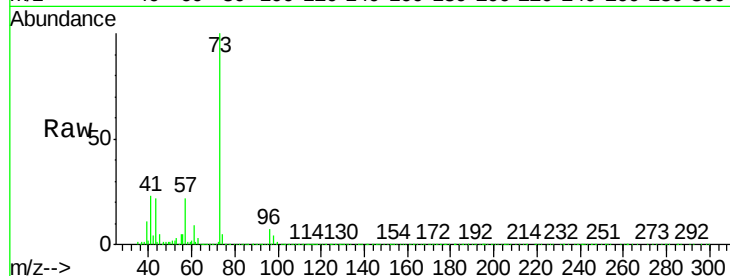
#19
Methyl tert-butyl Ether
Concen: 50.287 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.8

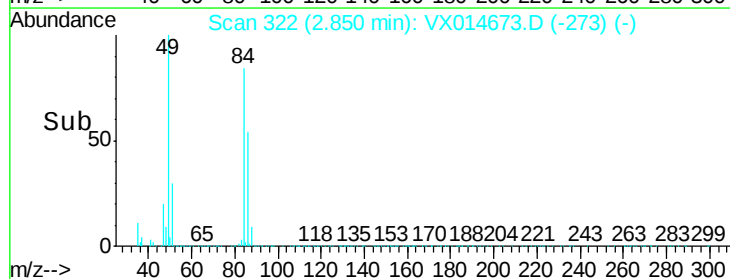
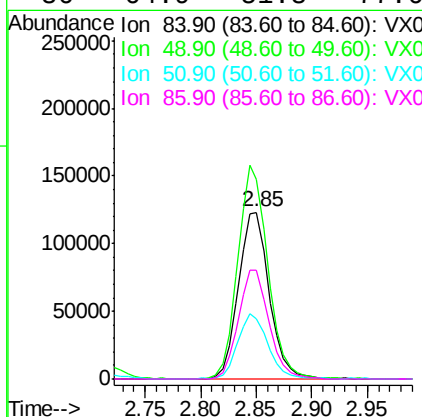
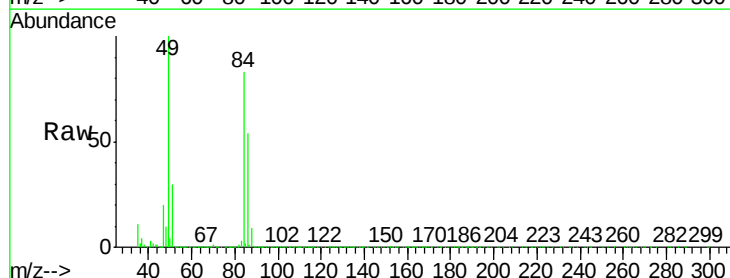
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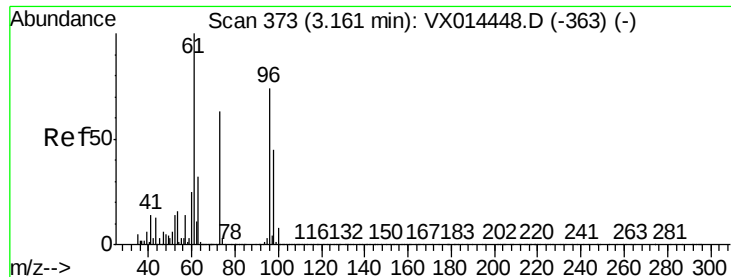
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#20
Methylene Chloride
Concen: 47.575 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.8	143.8
51	35.9	30.2	45.4
86	64.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 46.652 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

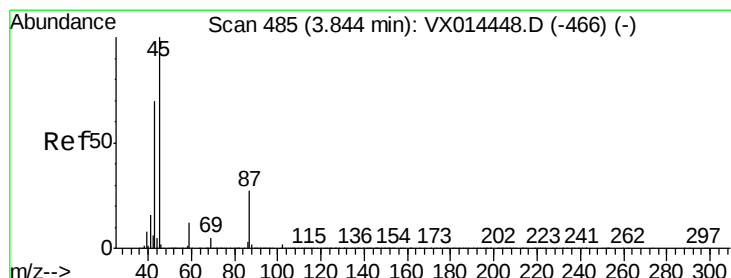
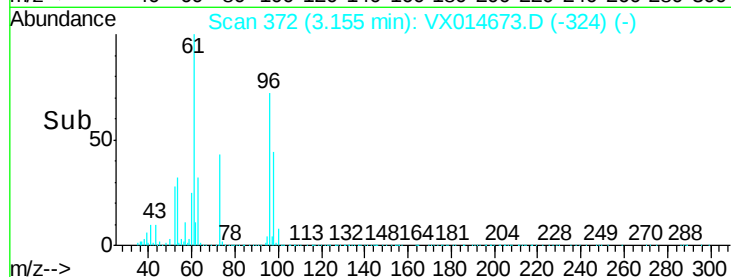
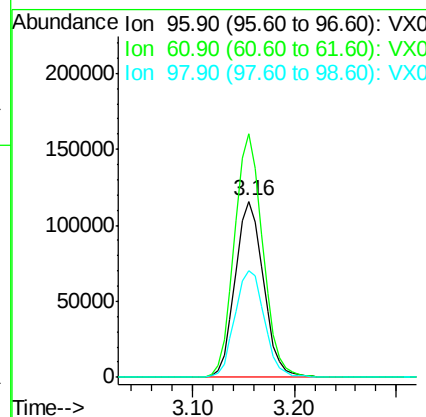
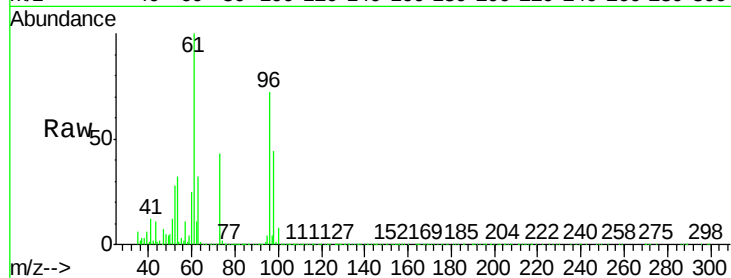
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	222799
Ion	Ratio	Lower	Upper
96	100		
61	138.4	108.2	162.4
98	60.5	48.8	73.2

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#22

Diisopropyl ether

Concen: 52.886 ug/l

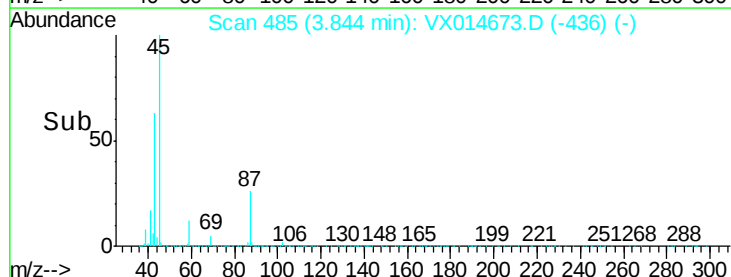
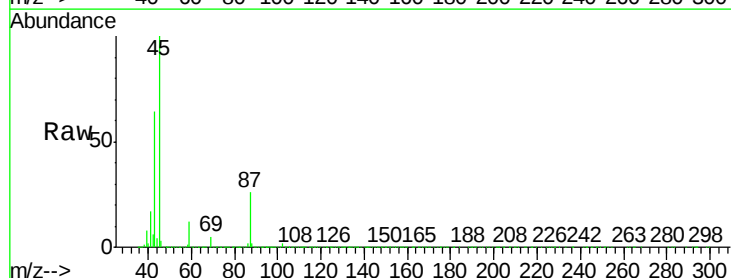
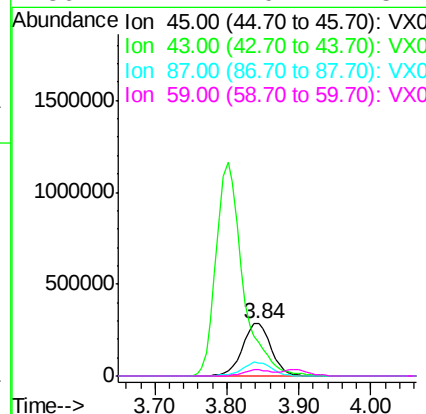
RT: 3.84 min Scan# 485

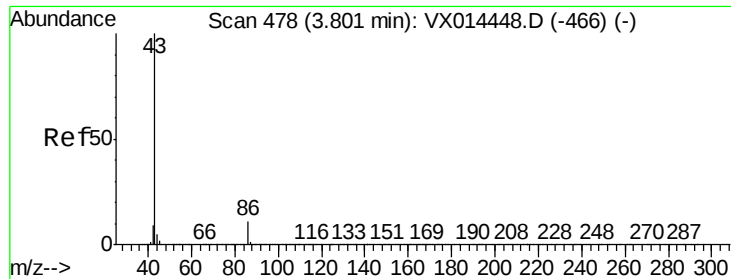
Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	45	Resp:	784954
Ion	Ratio	Lower	Upper
45	100		
43	62.8	55.8	83.6
87	25.6	21.8	32.8
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 262.131 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3012184

Ion Ratio Lower Upper

43 100

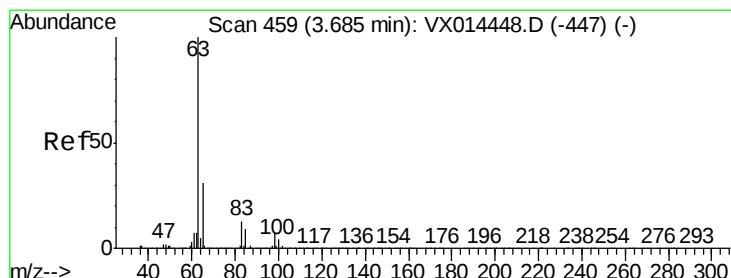
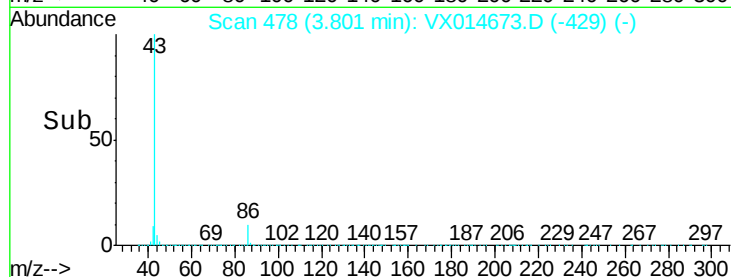
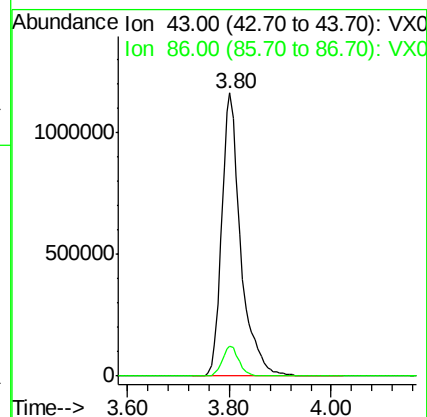
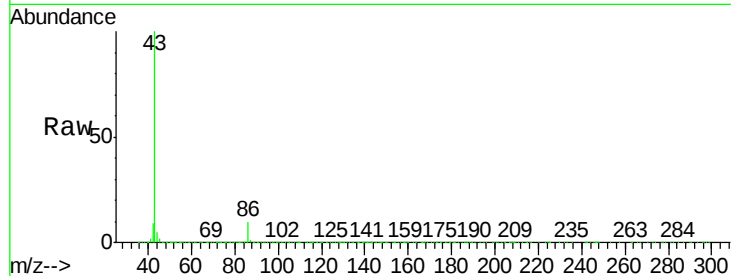
86 10.4 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 51.152 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

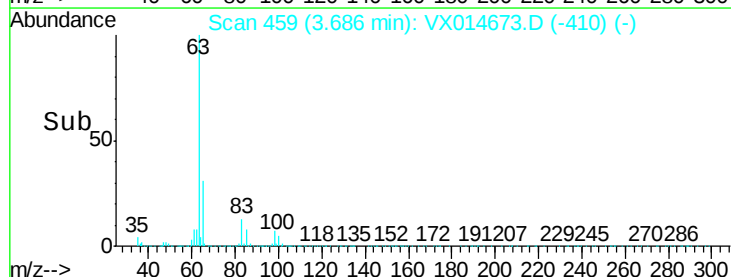
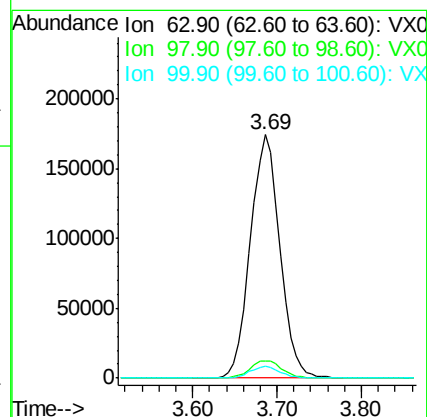
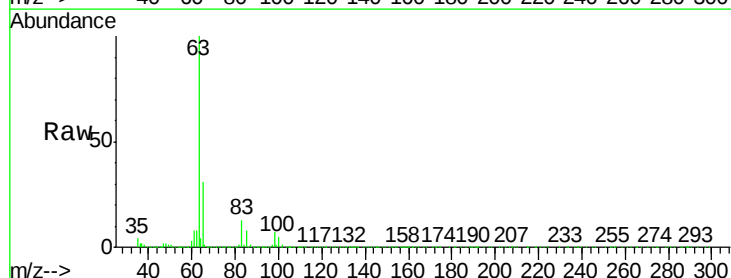
Tgt Ion: 63 Resp: 413008

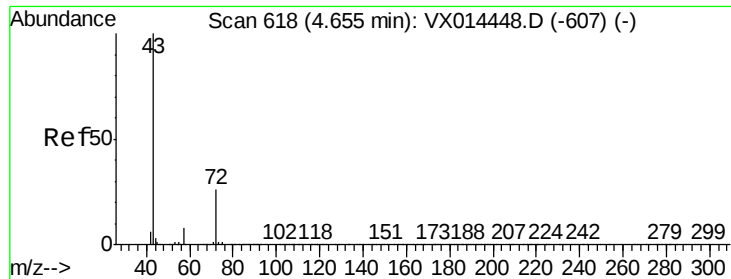
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

100 5.1 2.3 6.8





#25

2-Butanone

Concen: 263.841 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tot Ion: 43 Resp: 974478

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0

Instrument :

MSVOA_X

ClientSampleId :

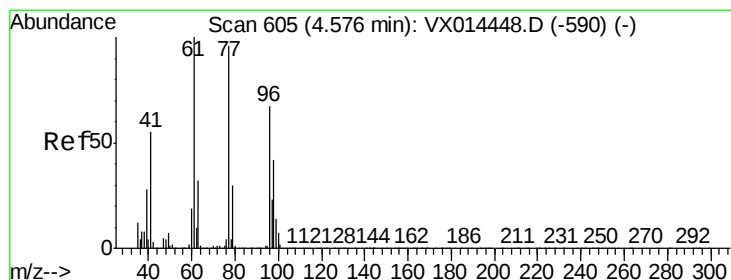
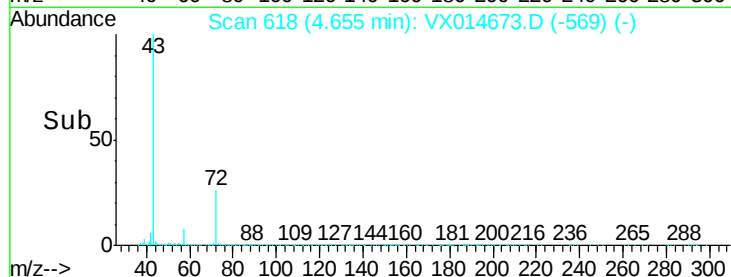
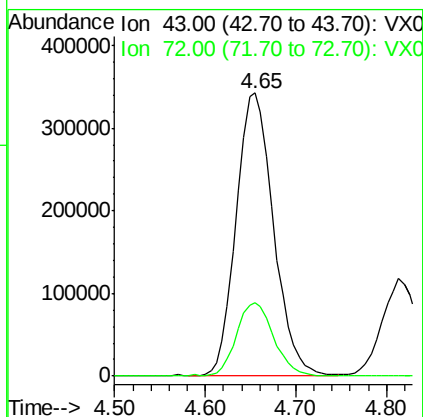
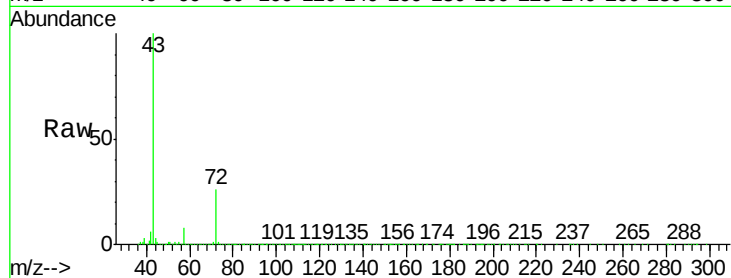
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 50.016 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014673.D

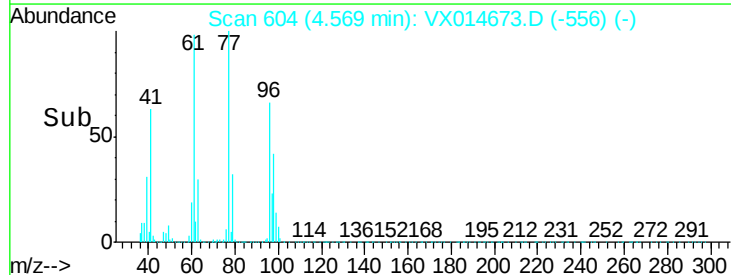
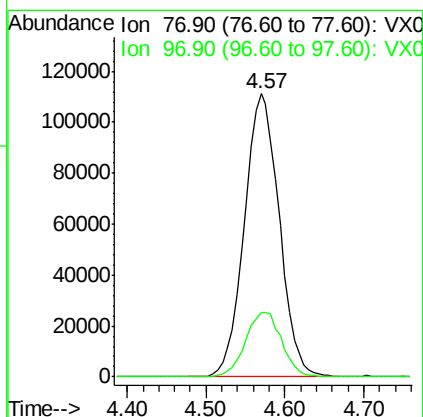
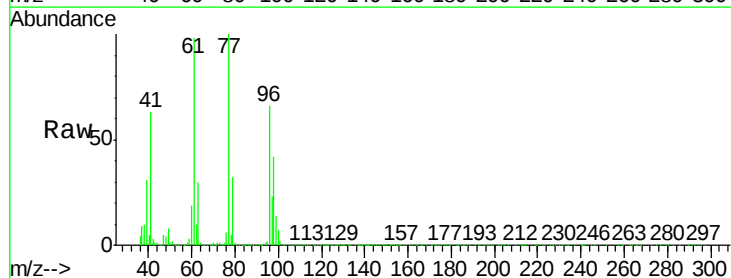
Acq: 21 Jan 2020 09:35

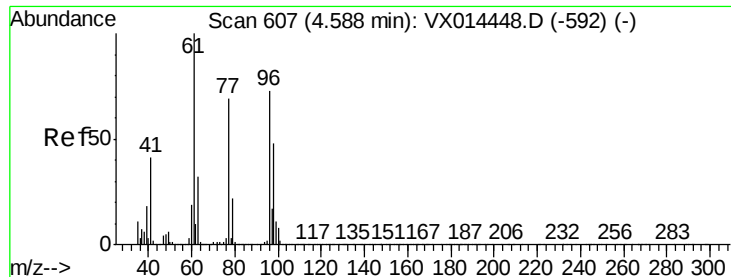
Tgt Ion: 77 Resp: 342098

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1





#27

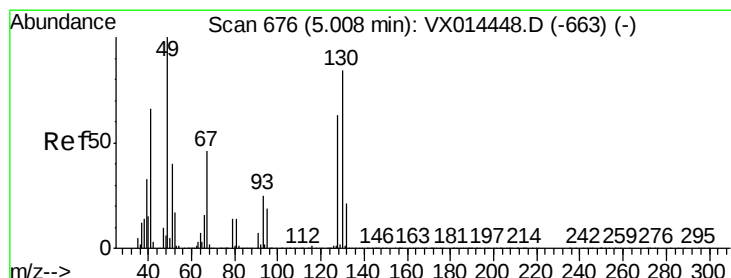
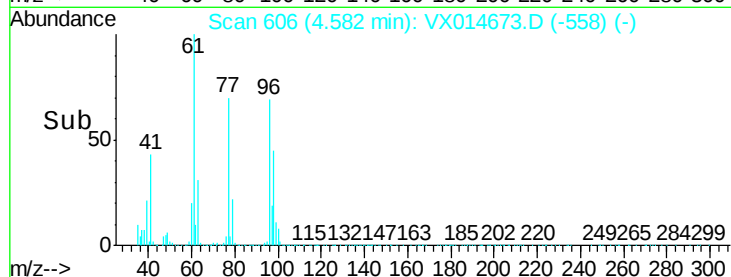
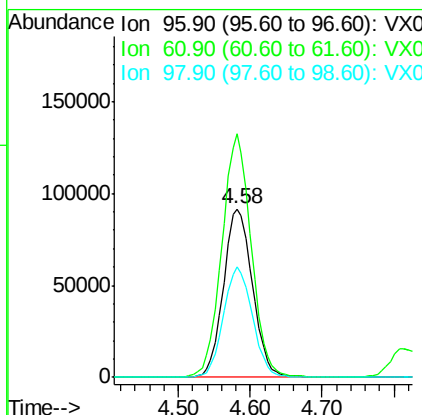
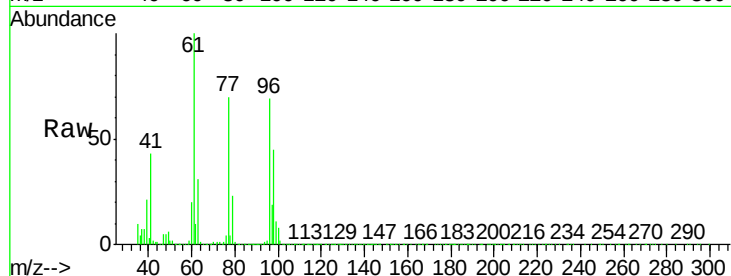
cis-1,2-Dichloroethene
Concen: 48.207 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	257365		
61	145.6	0.0	285.4	
98	65.3	0.0	130.6	

Manual Integrations
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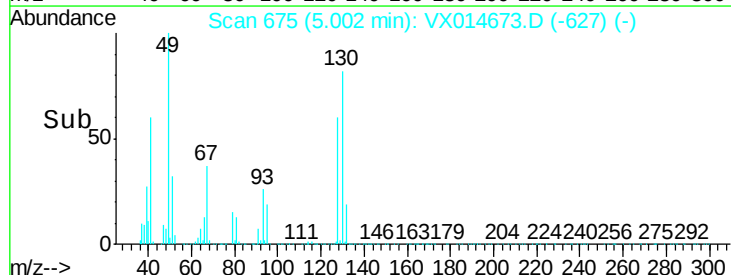
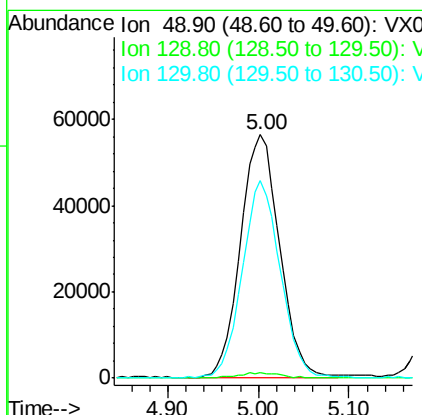
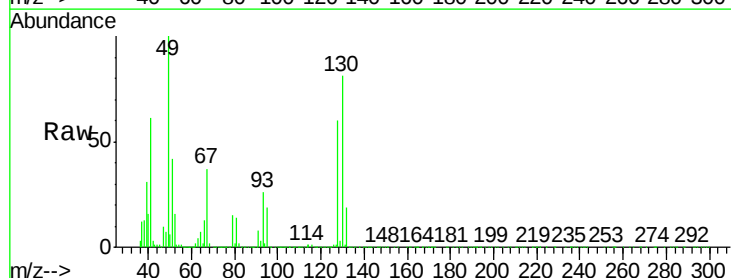
MMDadoda
1/22/2020 12:26:36 PM



#28

Bromochloromethane
Concen: 49.229 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167488		
129	2.4	0.0	4.4	
130	79.7	67.0	100.4	





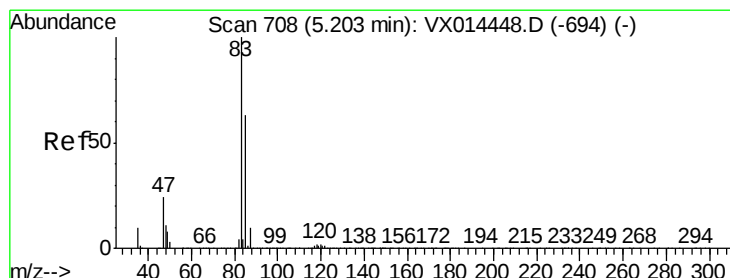
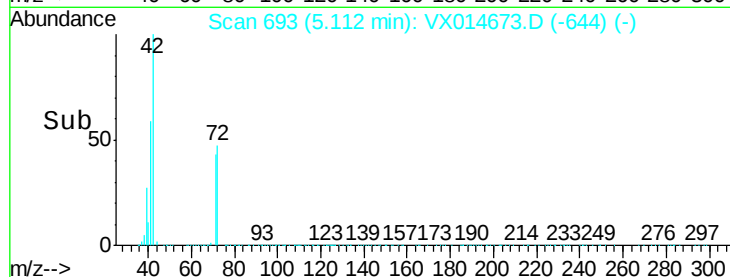
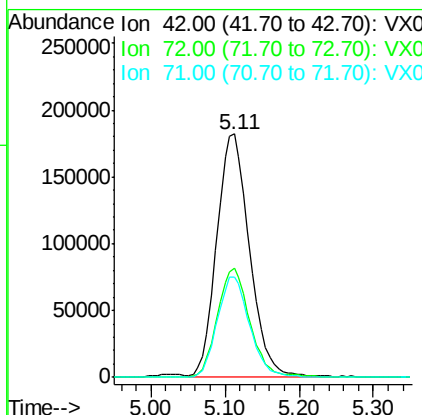
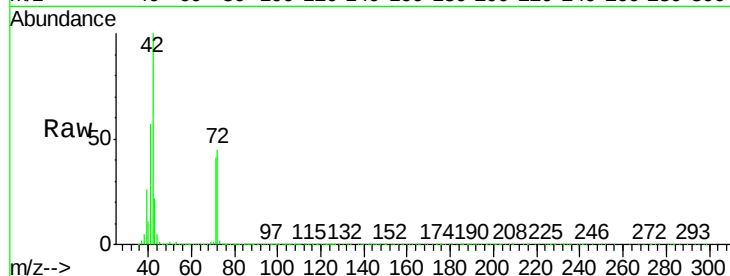
#29
Tetrahydrofuran
Concen: 253.055 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	44.8	36.2	54.4
71	40.9	34.1	51.1

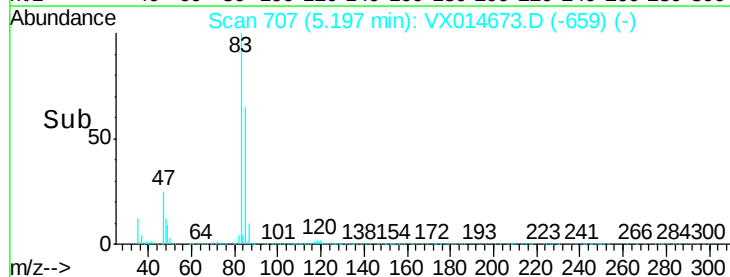
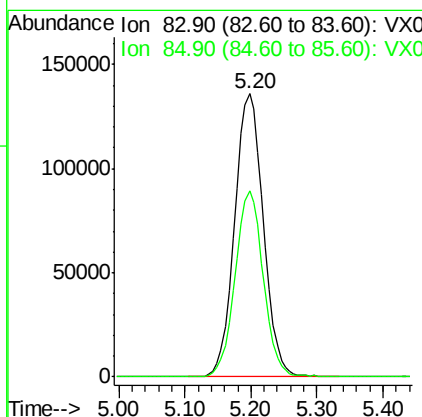
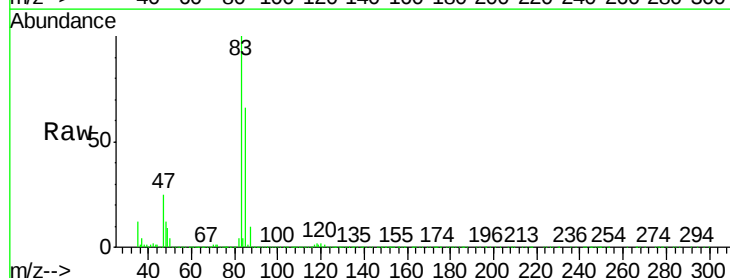
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#30
Chloroform
Concen: 51.762 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	65.6	50.6	75.8





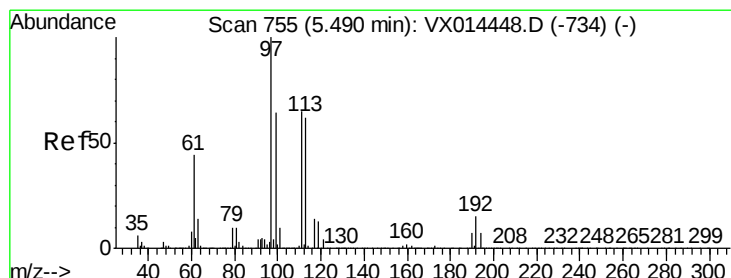
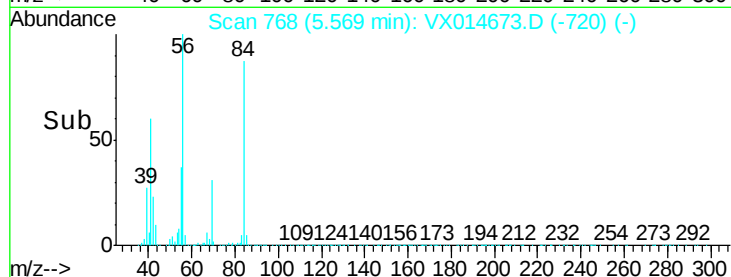
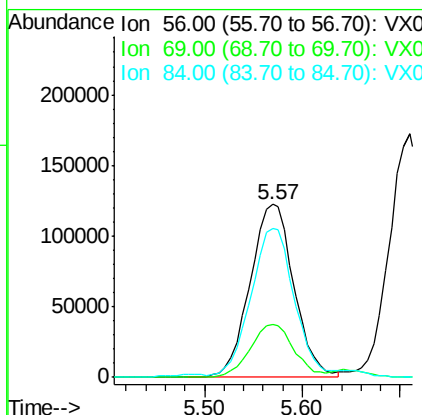
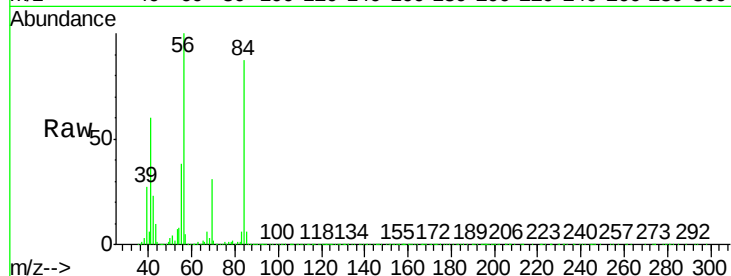
#31
Cyclohexane
Concen: 50.338 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.4	36.6
84	85.2	70.6	106.0

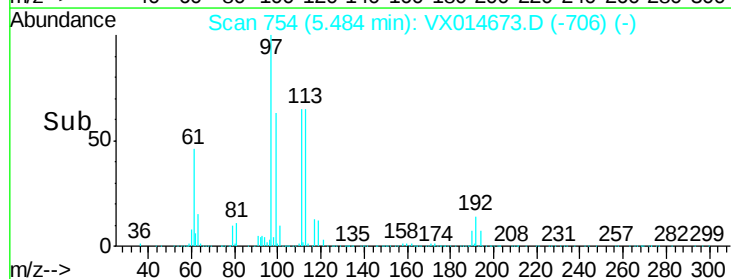
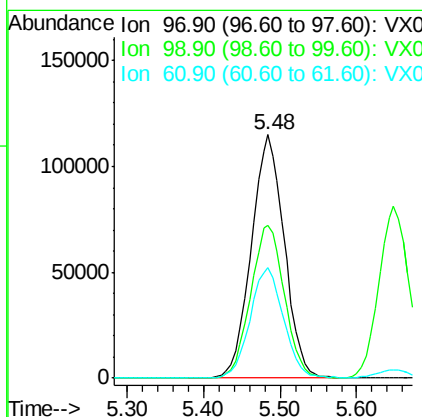
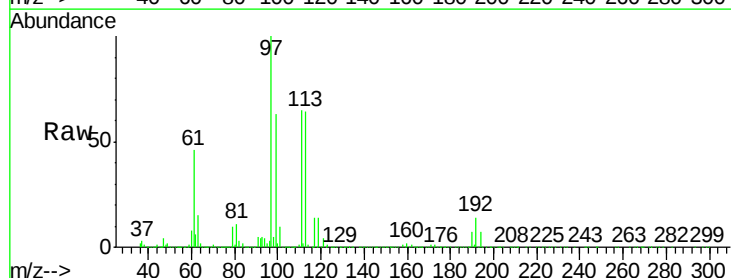
Manual Integrations
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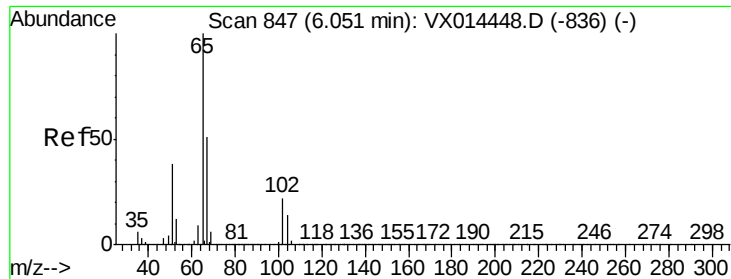
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1/22/2020 12:26:36 PM



#32
1,1,1-Trichloroethane
Concen: 51.160 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	45.8	35.9	53.9





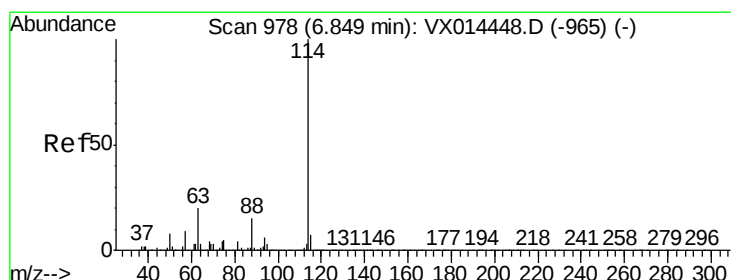
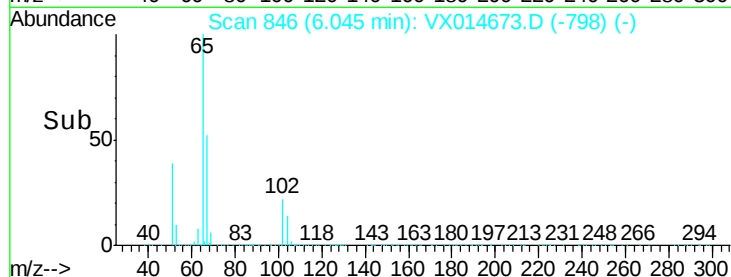
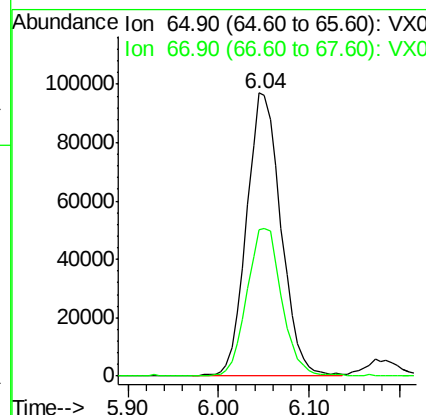
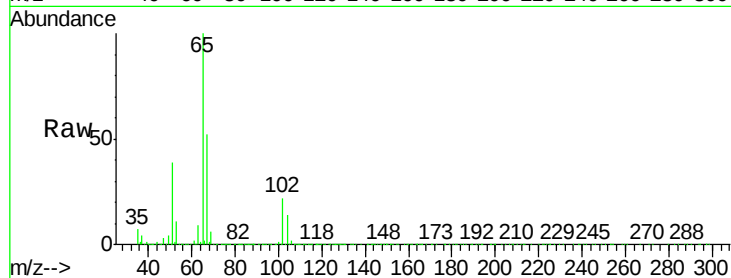
#33
 1,2-Dichloroethane-d4
 Concen: 51.748 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	106.2	

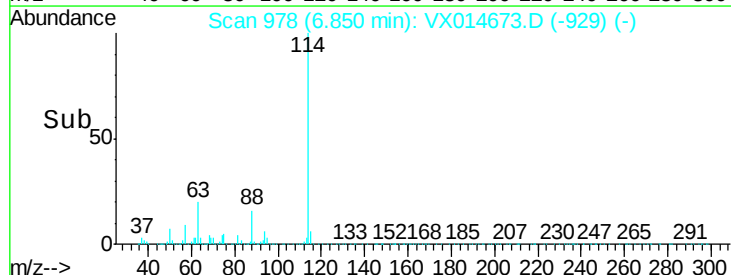
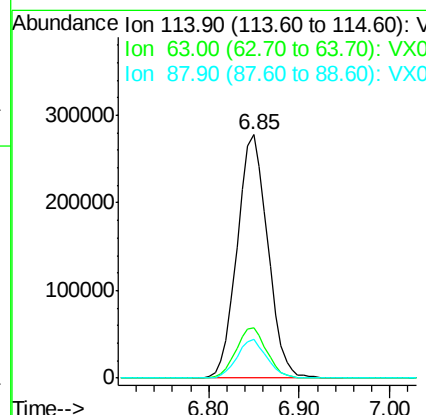
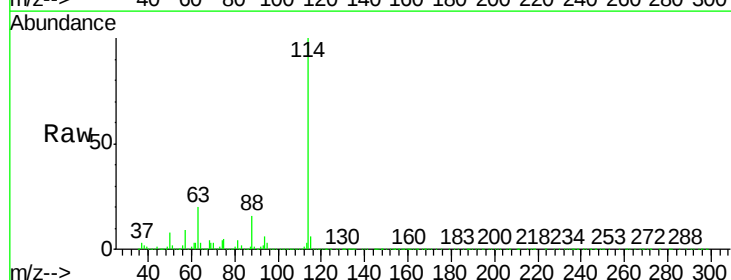
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	39.6	
88	16.1	0.0	30.8	





#35

Dibromofluoromethane

Concen: 53.398 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

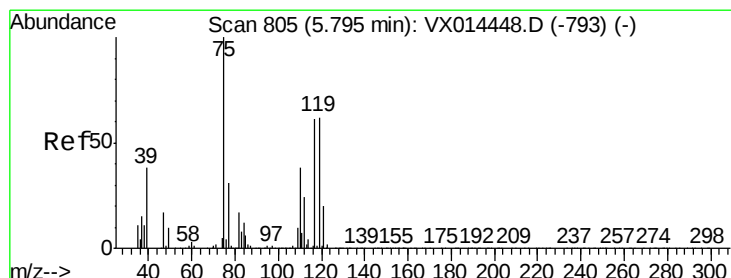
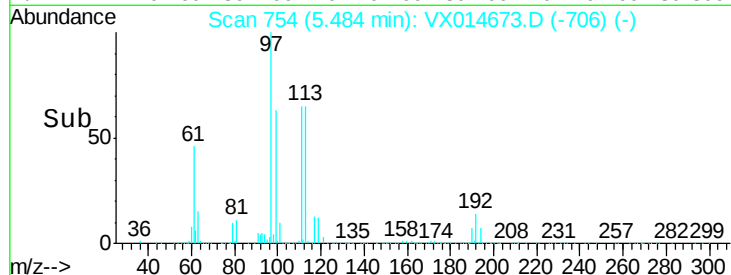
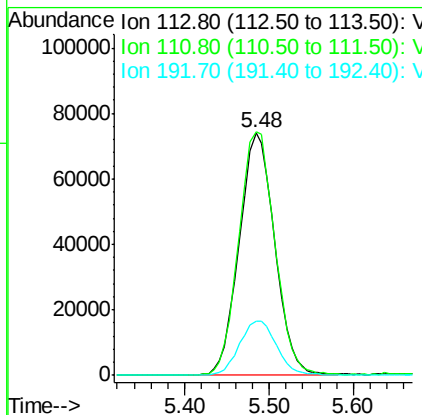
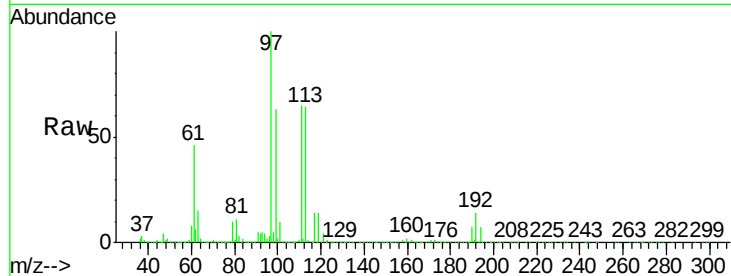
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	209992
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.5	122.3
192	23.6	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.639 ug/l

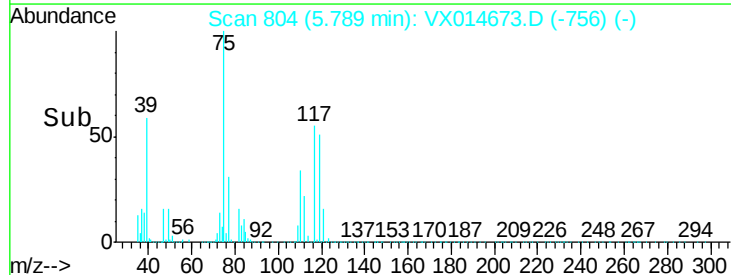
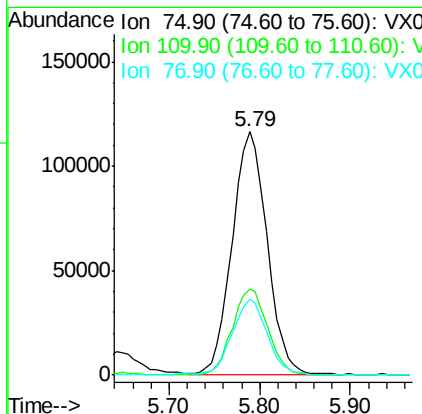
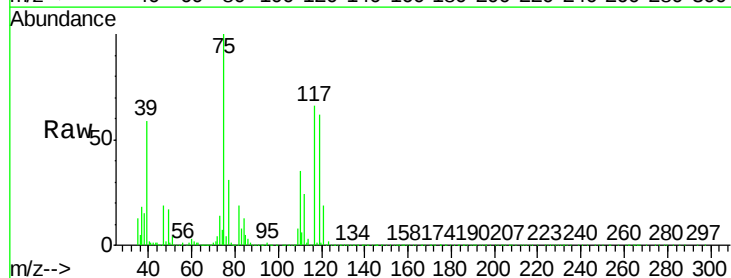
RT: 5.79 min Scan# 804

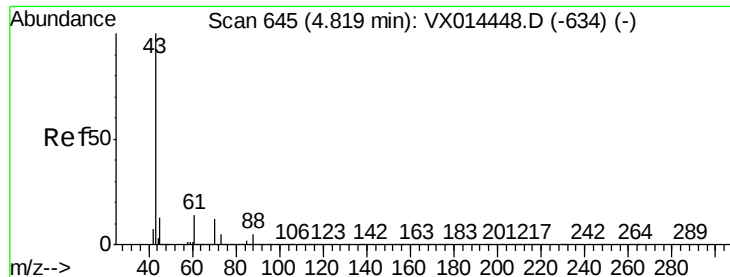
Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	75	Resp:	309366
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.6	55.8
77	30.8	24.5	36.7





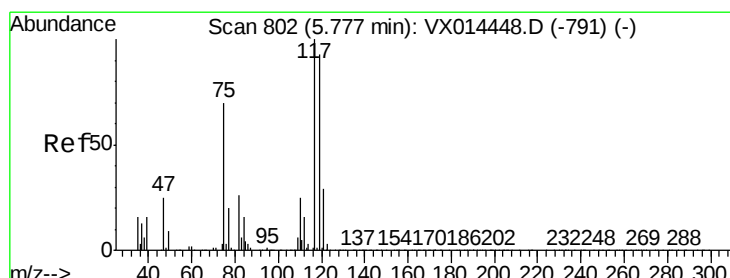
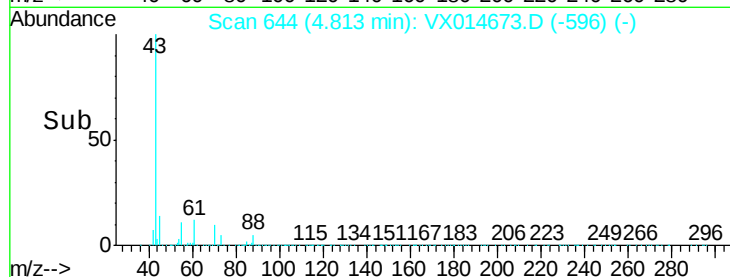
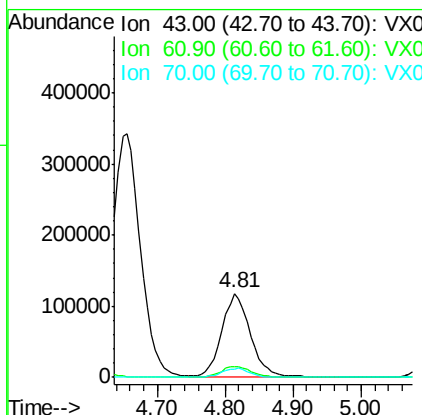
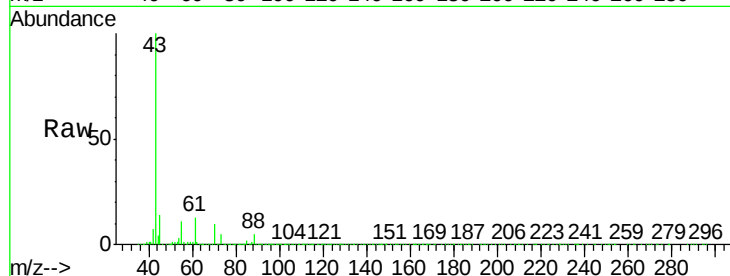
#37
Ethyl Acetate
Concen: 51.100 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	10.1	8.9	13.3

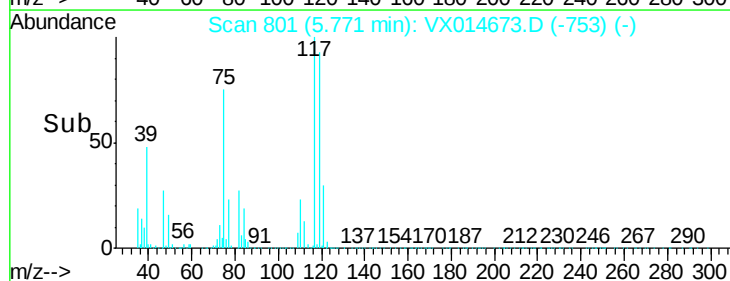
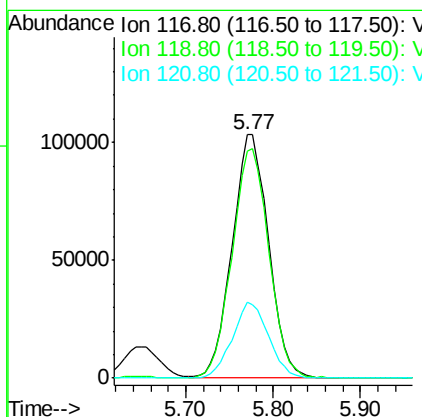
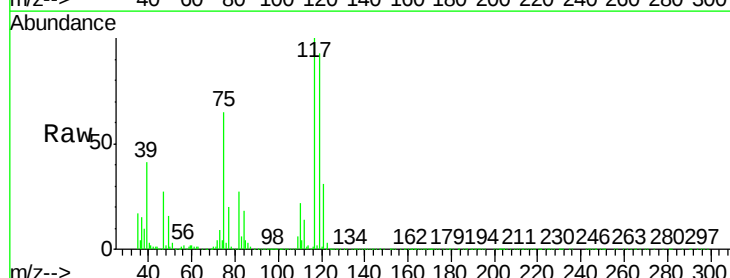
Manual Integrations
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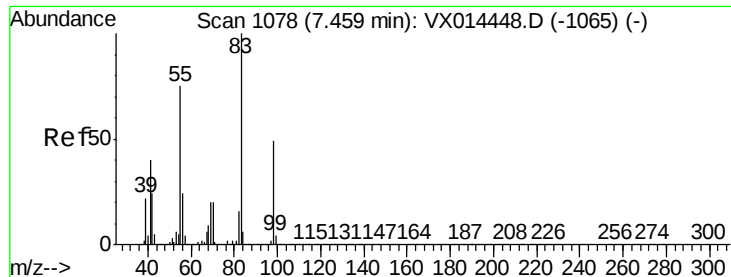
MMDadoda
1/22/2020 12:26:36 PM



#38
Carbon Tetrachloride
Concen: 53.078 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	73.8	110.8
121	31.3	23.4	35.0





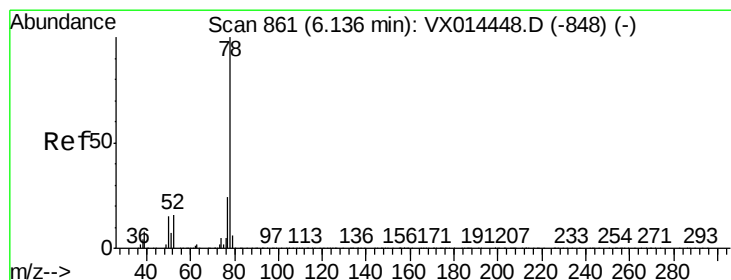
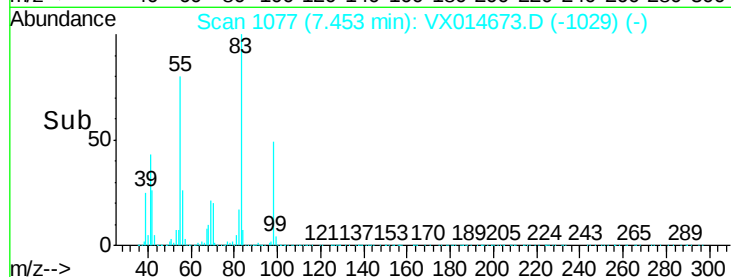
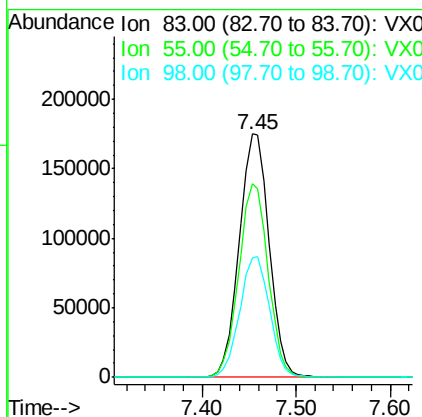
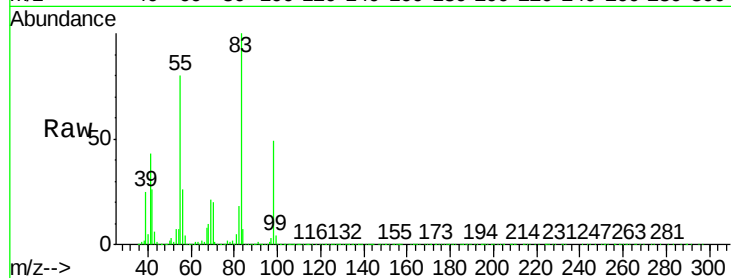
#39
Methvlcvclohexane
Concen: 50.291 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	59.7	89.5
98	49.0	39.1	58.7

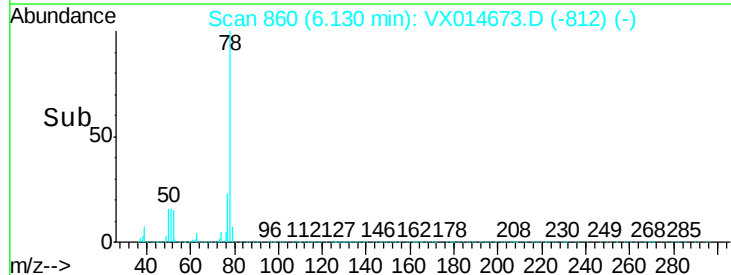
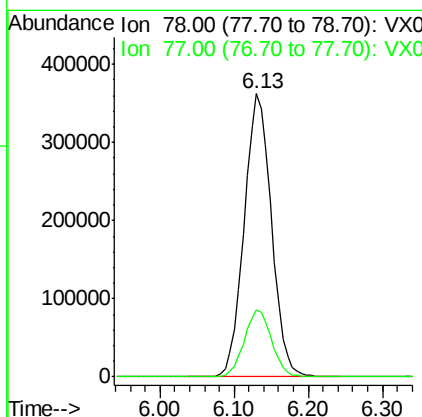
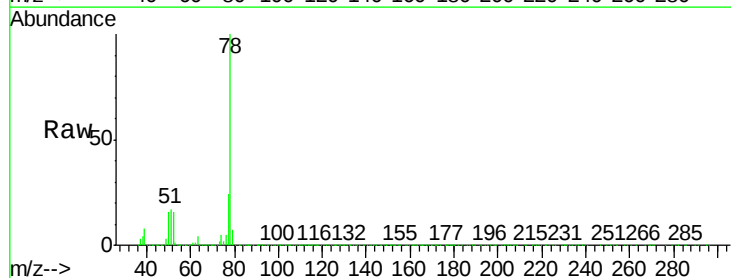
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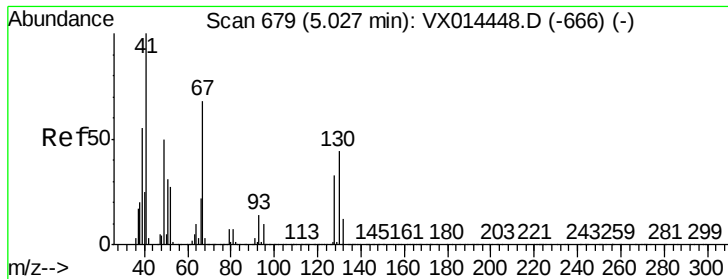
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#40
Benzene
Concen: 51.462 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





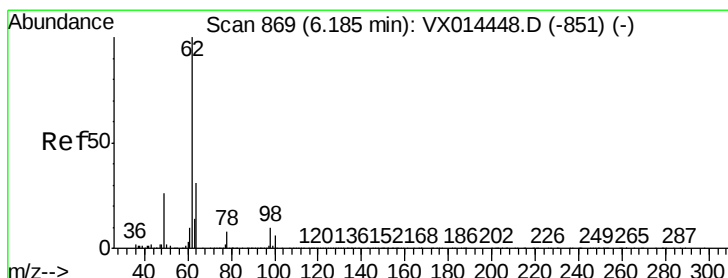
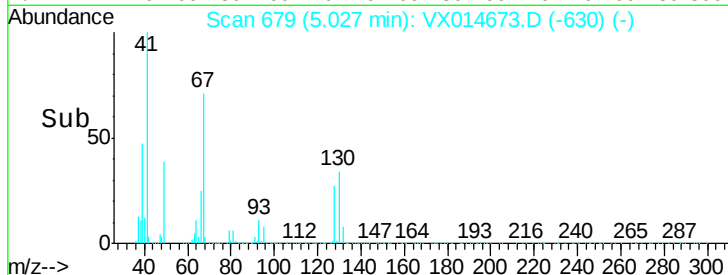
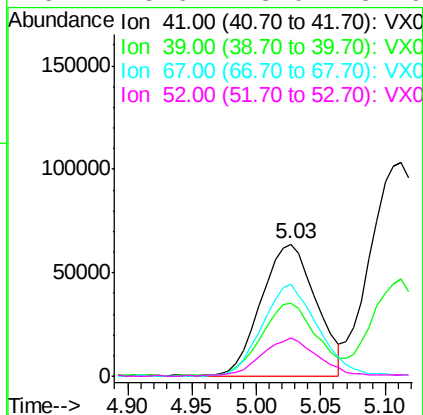
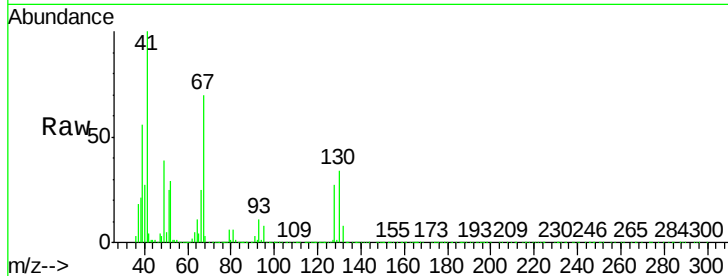
#41
Methacrylonitrile
Concen: 53.131 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		188018		
39	56.6	43.6	65.4		
67	70.5	57.9	86.9		
52	28.6	23.0	34.6		

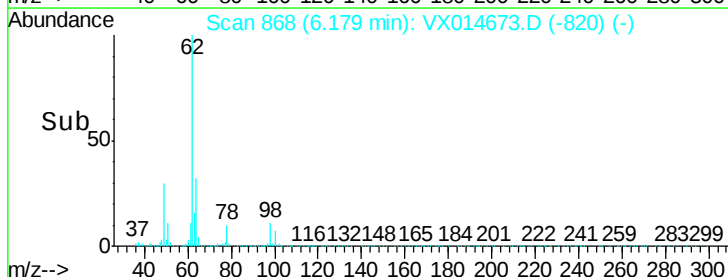
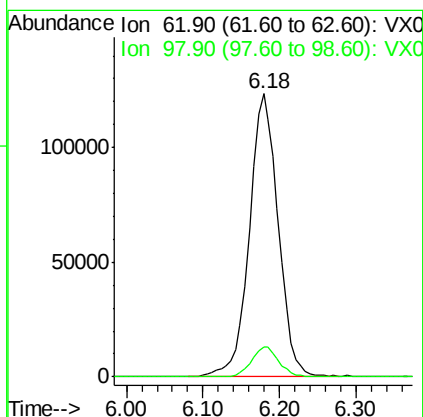
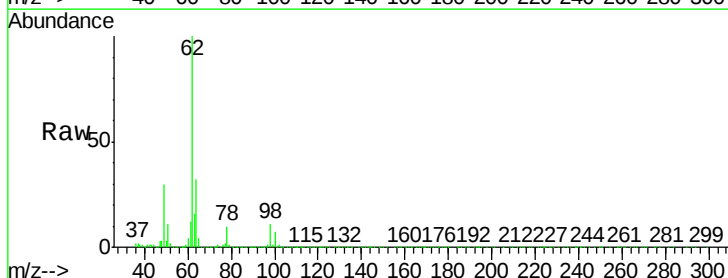
Manual Integrations
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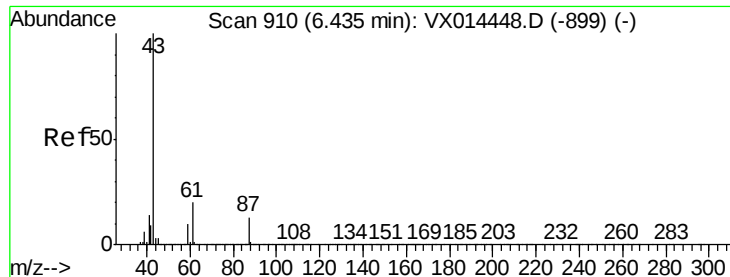
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.829 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		322243		
98	10.0	0.0	20.4		





#43

Isopropyl Acetate

Concen: 51.569 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

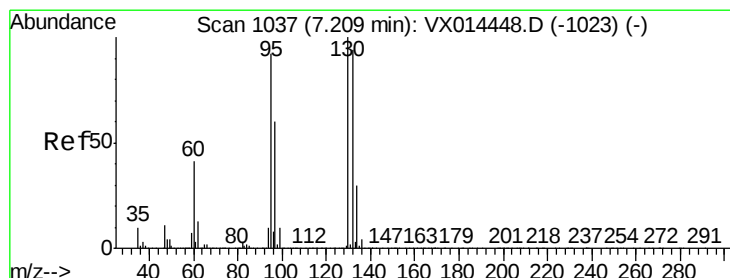
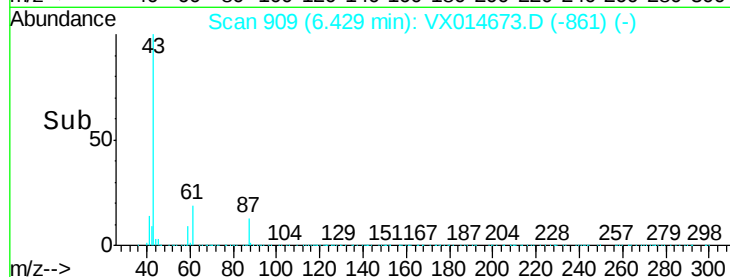
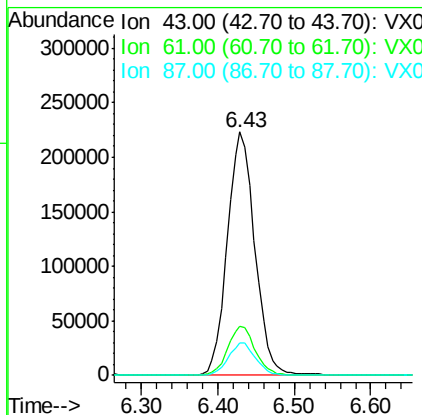
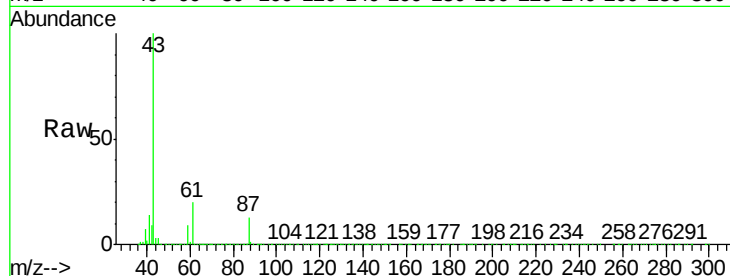
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	552817
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.3	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.898 ug/l

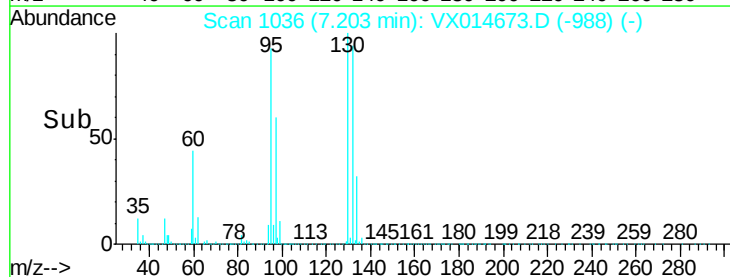
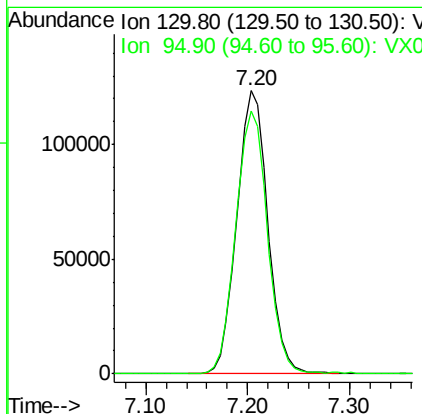
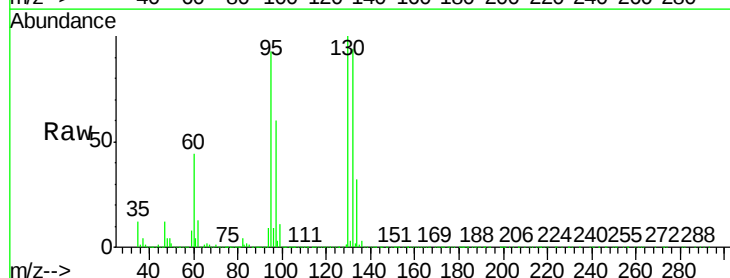
RT: 7.20 min Scan# 1036

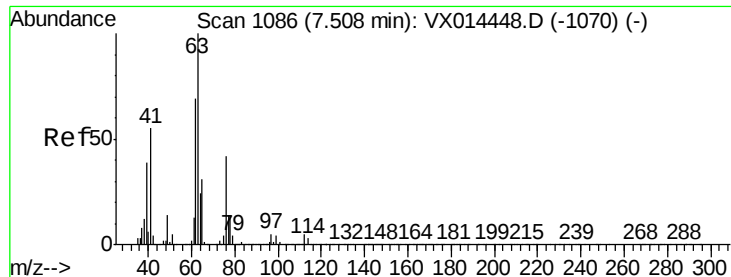
Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	130	Resp:	260008
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	184.2





#45

1,2-Dichloropropane

Concen: 53.591 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 247743

Ion Ratio Lower Upper

63 100

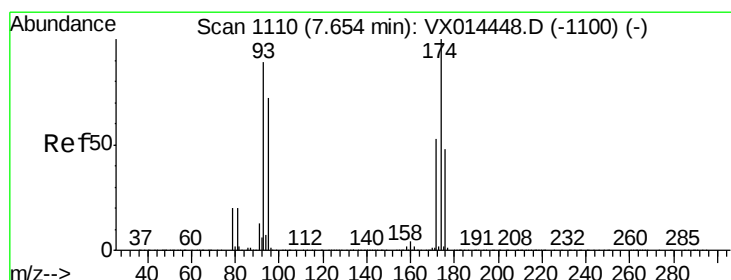
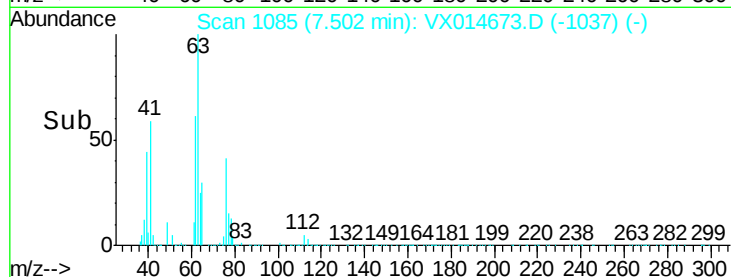
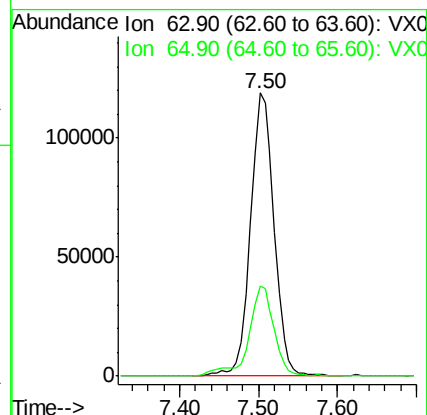
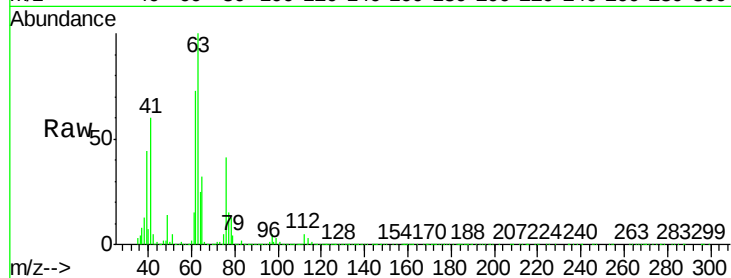
65 31.5 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 49.016 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

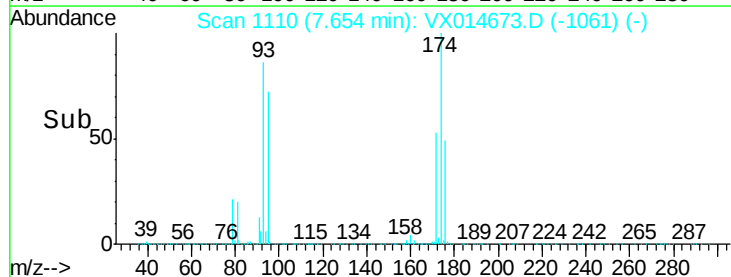
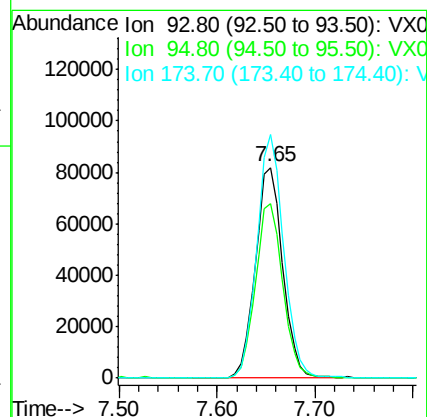
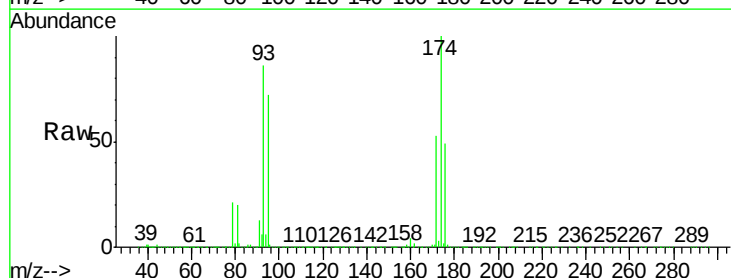
Tgt Ion: 93 Resp: 158153

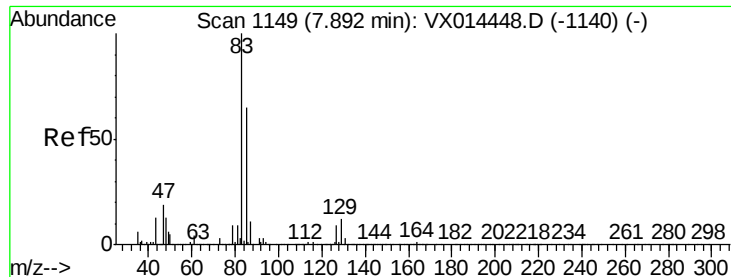
Ion Ratio Lower Upper

93 100

95 82.8 65.4 98.2

174 114.2 93.0 139.4





#47

Bromodichloromethane

Concen: 54.863 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

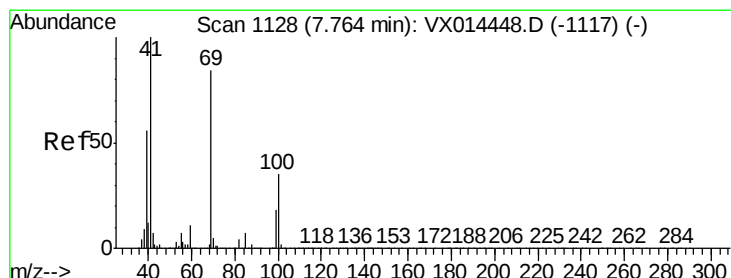
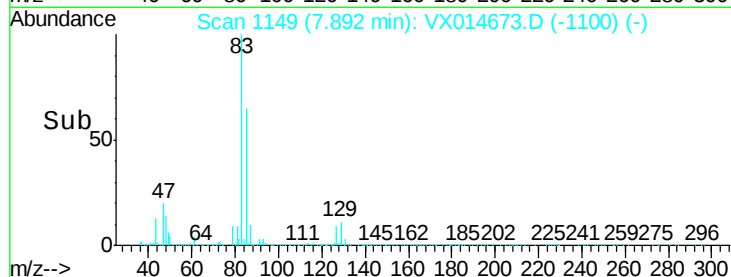
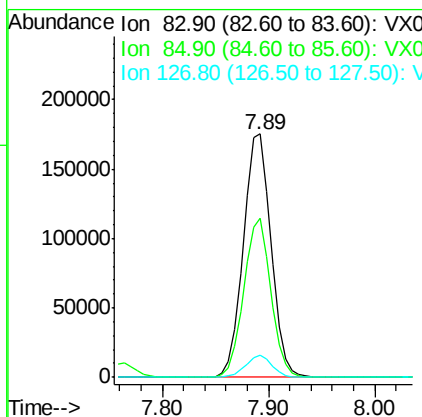
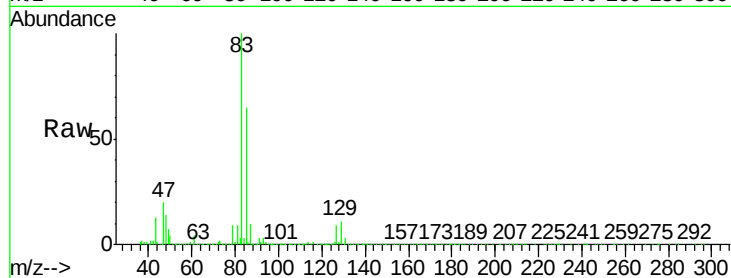
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	322105
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.7	77.5
127	9.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.485 ug/l

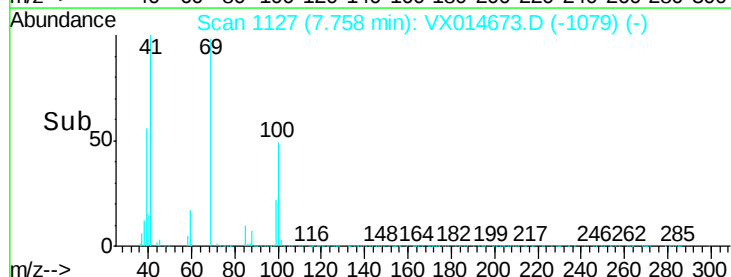
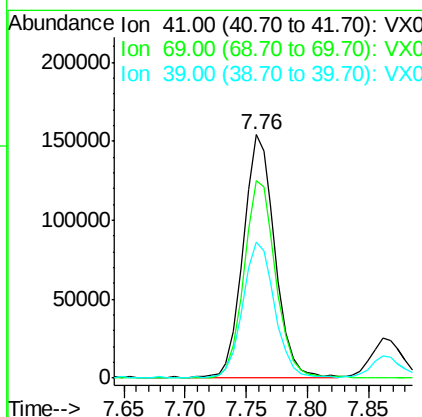
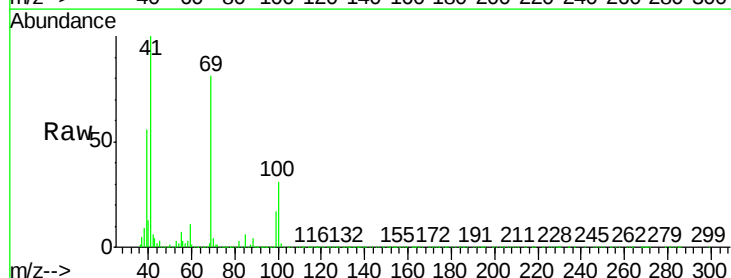
RT: 7.76 min Scan# 1127

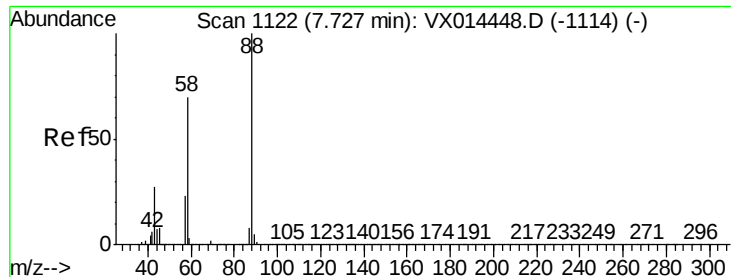
Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	41	Resp:	274606
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.5	98.3
39	56.4	43.9	65.9





#49

1,4-Dioxane

Concen: 902.659 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

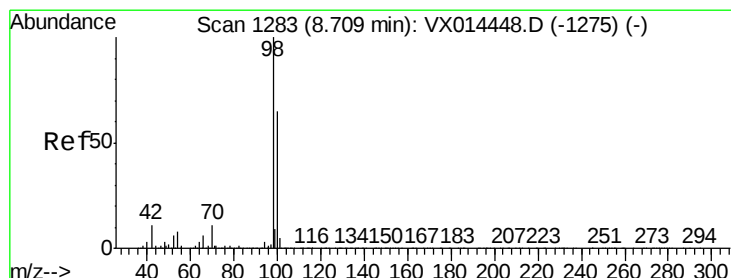
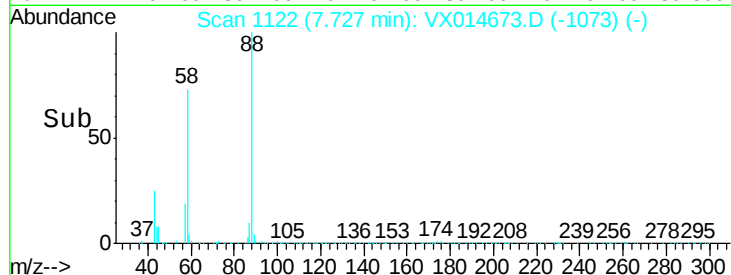
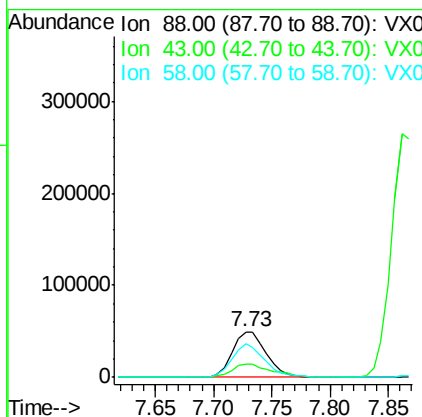
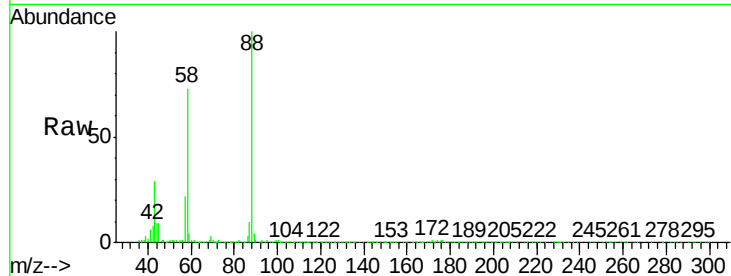
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	98200
Ion Ratio	Lower	Upper	
88	100		
43	34.1	27.4	41.0
58	71.8	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 52.710 ug/l

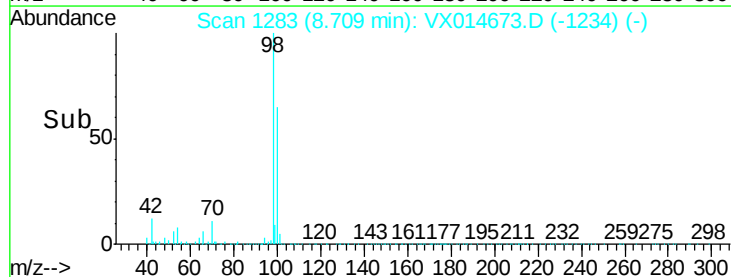
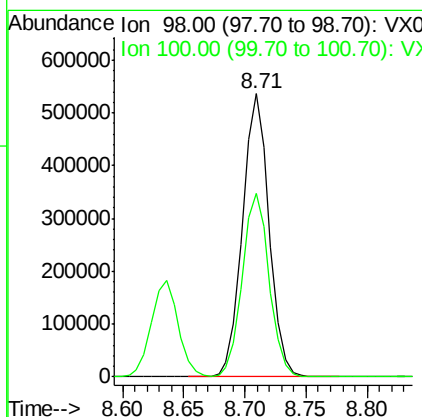
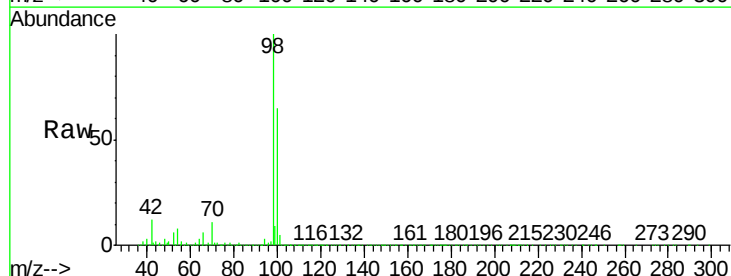
RT: 8.71 min Scan# 1283

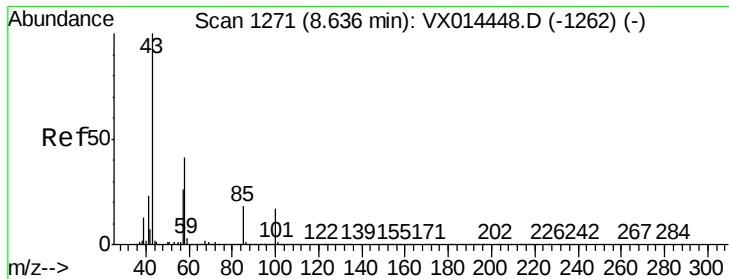
Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	98	Resp:	804403
Ion Ratio	Lower	Upper	
98	100		
100	65.8	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 270.007 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1763794

Ion Ratio Lower Upper

43 100

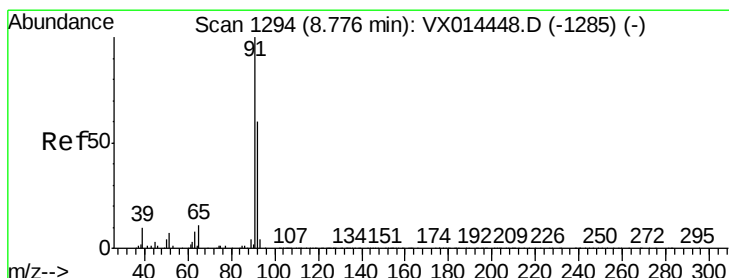
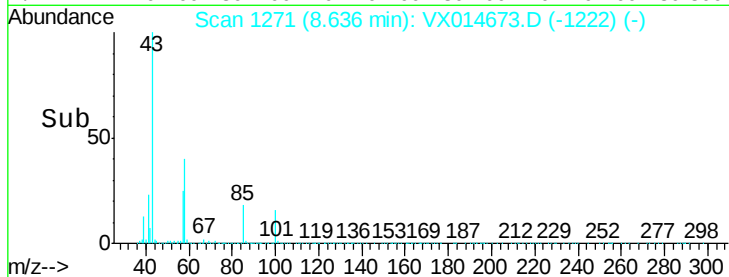
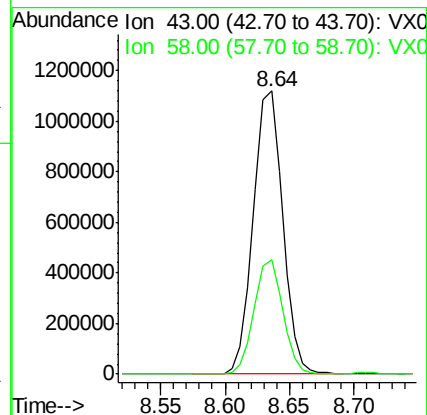
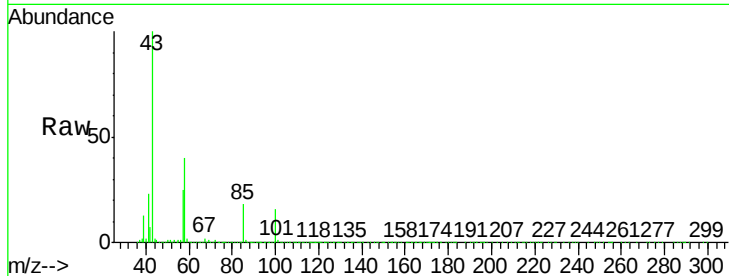
58 39.6 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 50.918 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014673.D

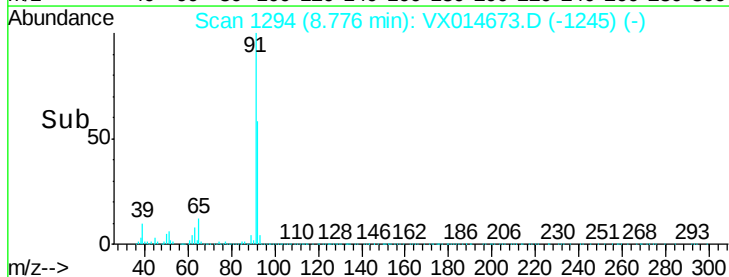
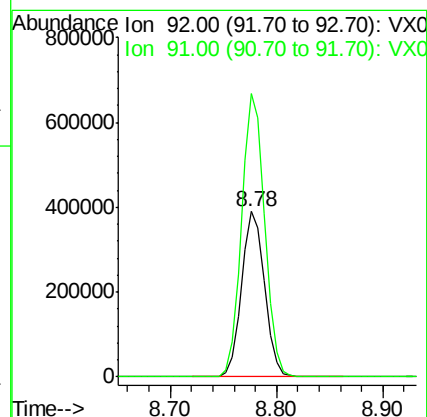
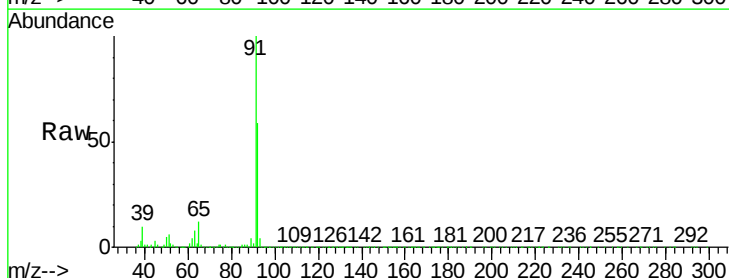
Acq: 21 Jan 2020 09:35

Tgt Ion: 92 Resp: 591020

Ion Ratio Lower Upper

92 100

91 171.9 135.7 203.5





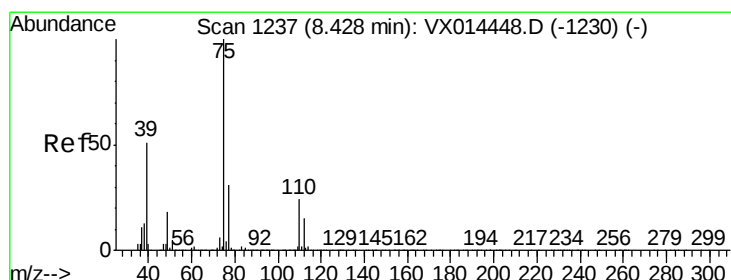
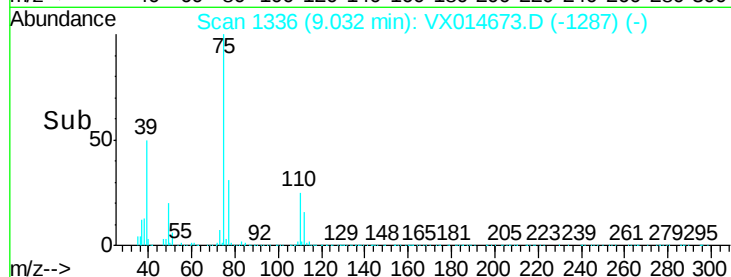
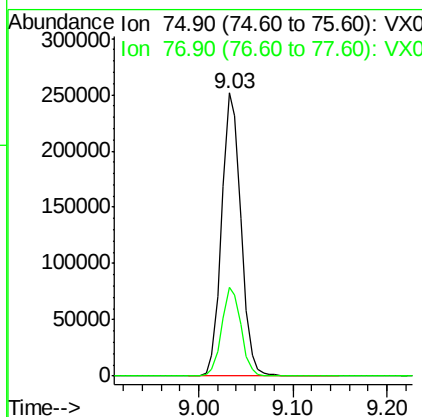
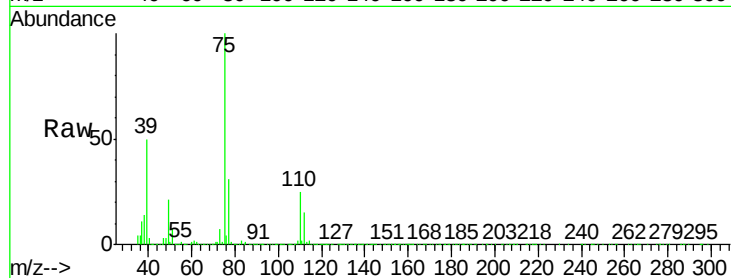
#53
t-1,3-Dichloropropene
Concen: 52.041 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2

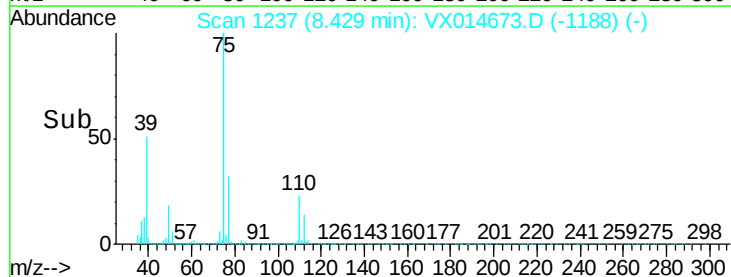
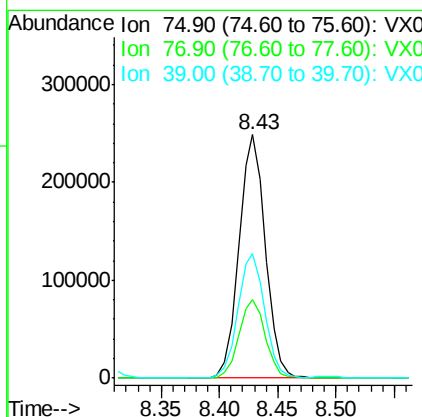
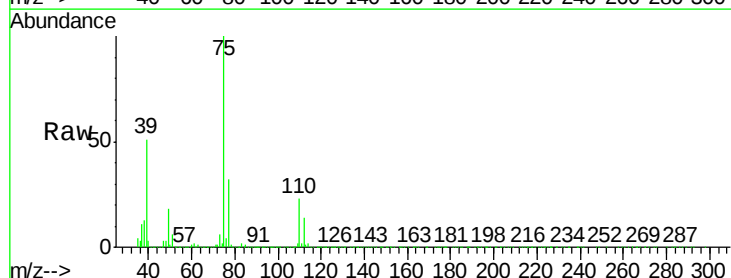
Manual Integrations
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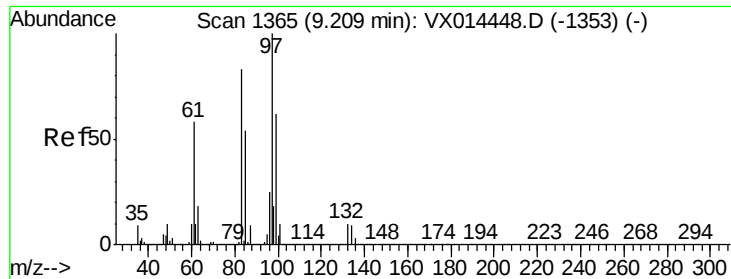
MMDadoda
1/22/2020 12:26:36 PM



#54
cis-1,3-Dichloropropene
Concen: 53.136 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4
39	51.0	40.7	61.1





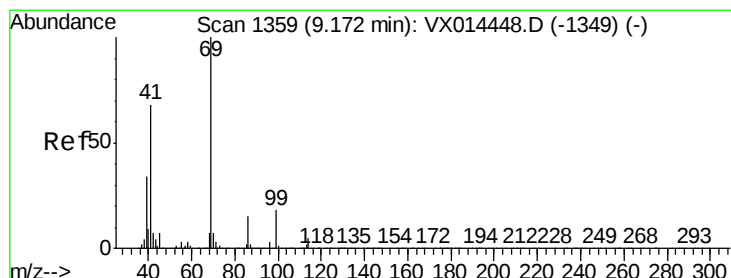
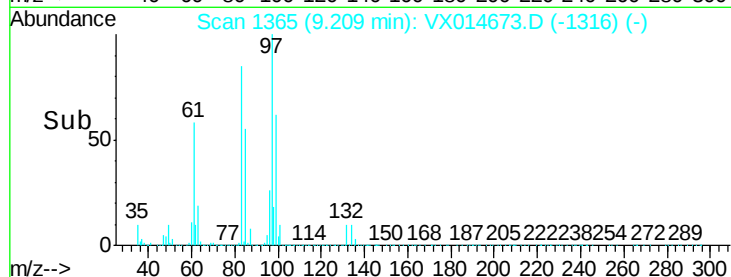
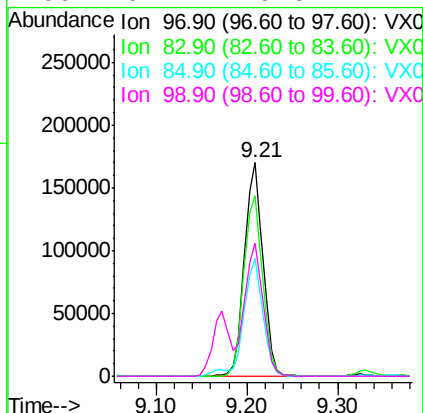
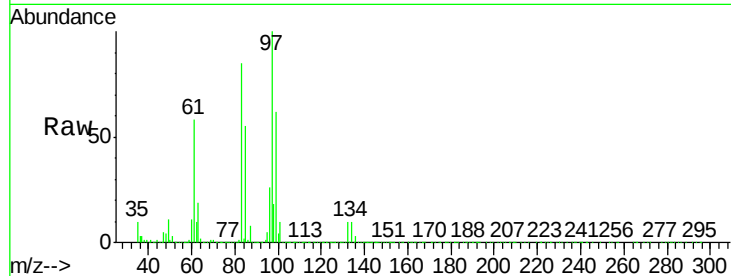
#55
 1,1,2-Trichloroethane
 Concen: 51.959 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		242243		
83	84.7	66.4	99.6		
85	54.9	43.4	65.2		
99	62.1	49.6	74.4		

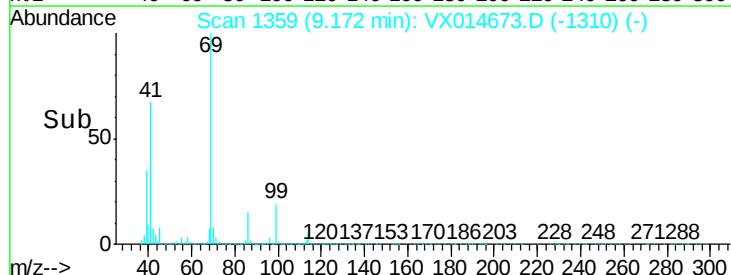
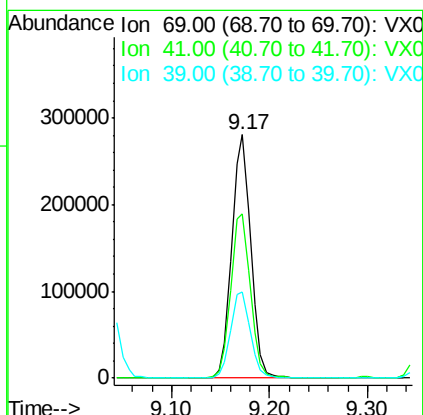
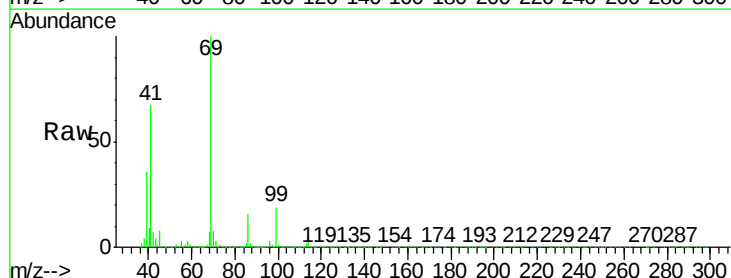
Manual Integrations
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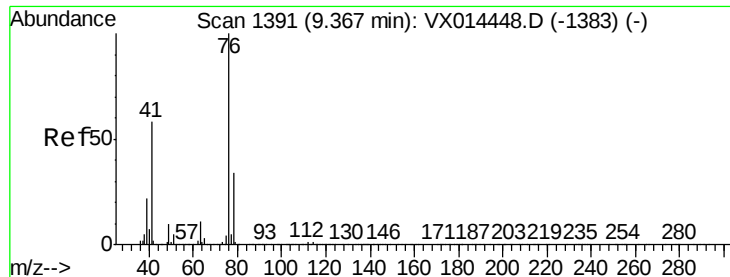
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#56
 Ethyl methacrylate
 Concen: 52.881 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		377708		
41	69.7	54.2	81.2		
39	36.8	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 52.416 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 408595

Ion Ratio Lower Upper

76 100

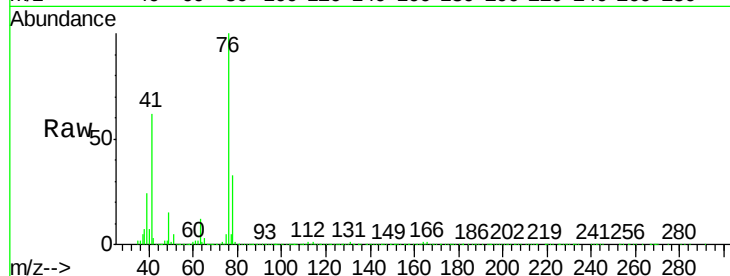
78 32.8 26.4 39.6

Manual Integrations

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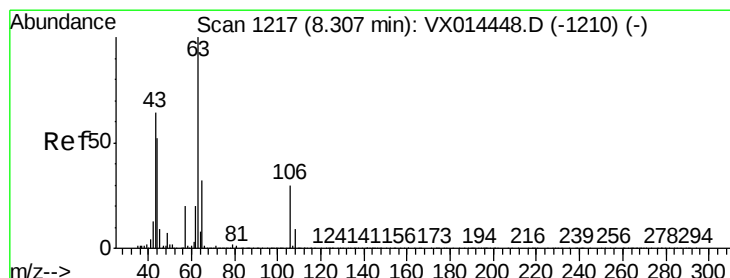
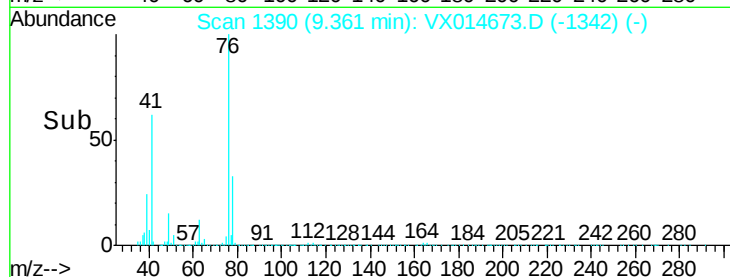
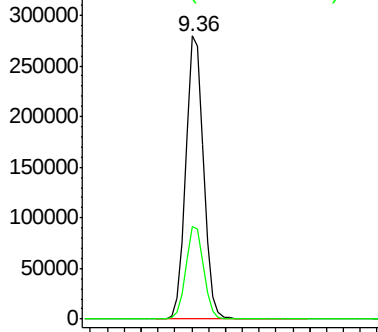
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 268.145 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014673.D

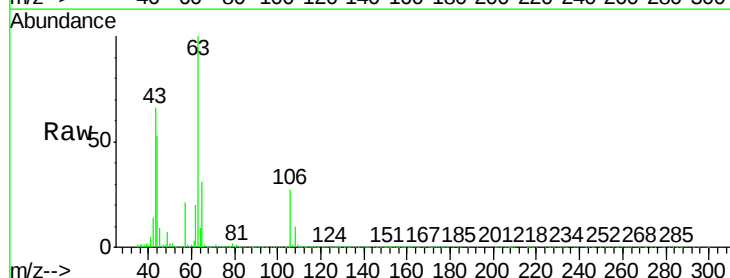
Acq: 21 Jan 2020 09:35

Tgt Ion: 63 Resp: 651640

Ion Ratio Lower Upper

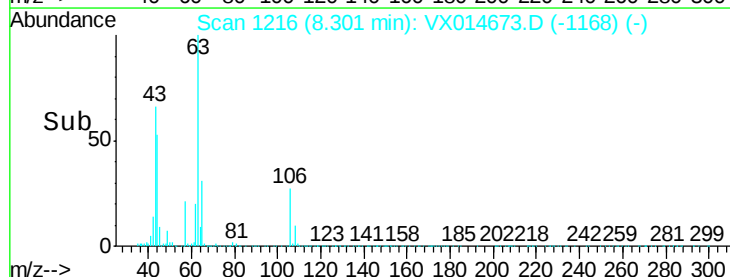
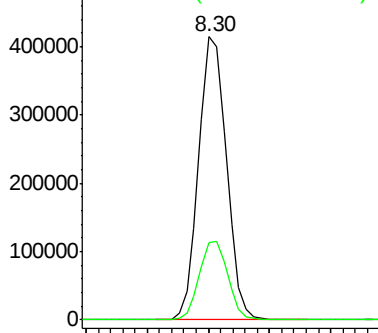
63 100

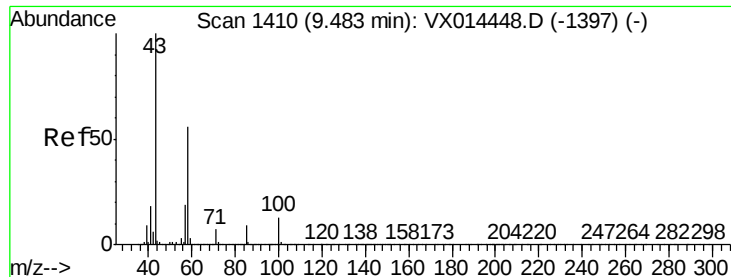
106 28.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





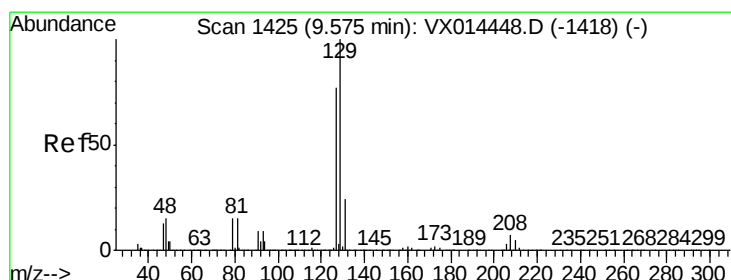
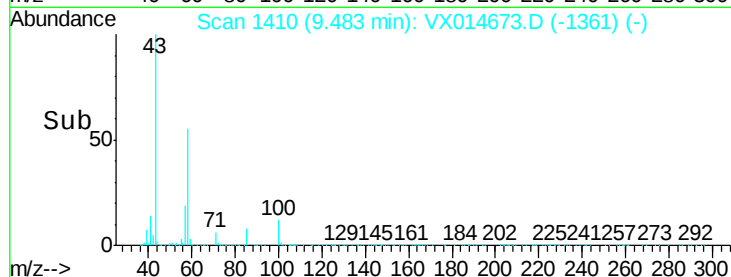
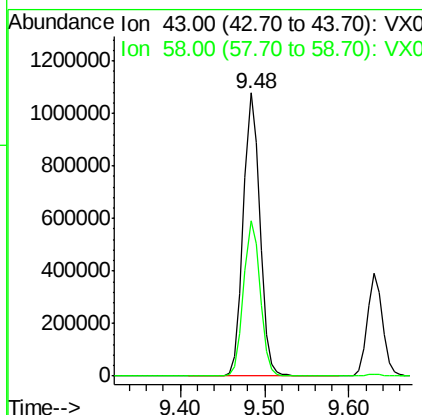
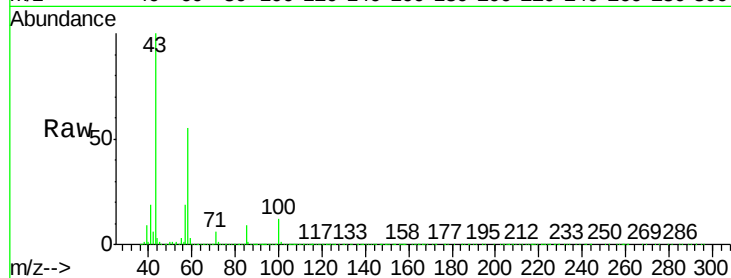
#59
2-Hexanone
Concen: 272.874 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1410409
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.7

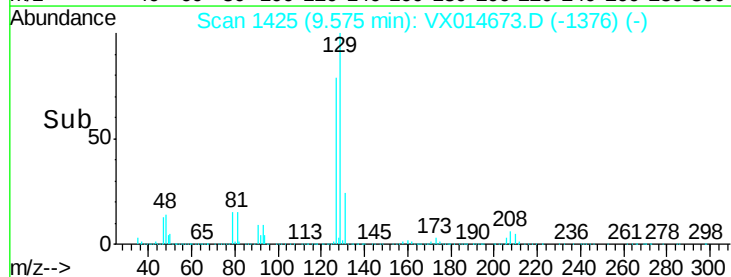
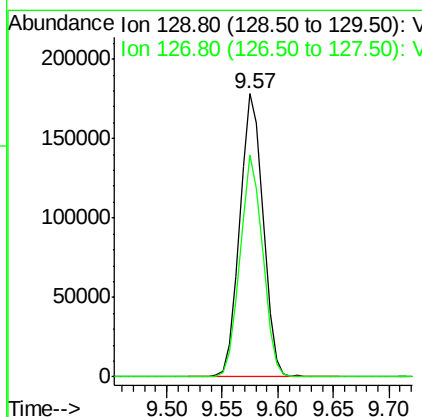
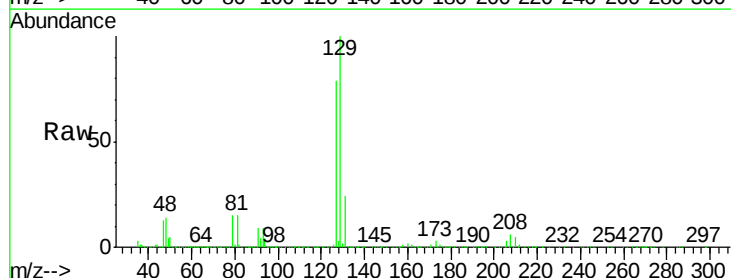
Manual Integrations
APPROVED

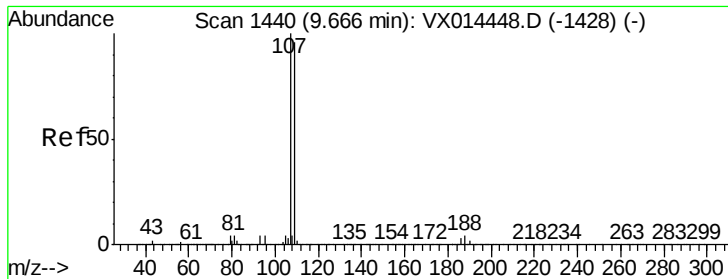
MMDadoda
1/22/2020 12:26:36 PM



#60
Dibromochloromethane
Concen: 55.171 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion: 129 Resp: 258531
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





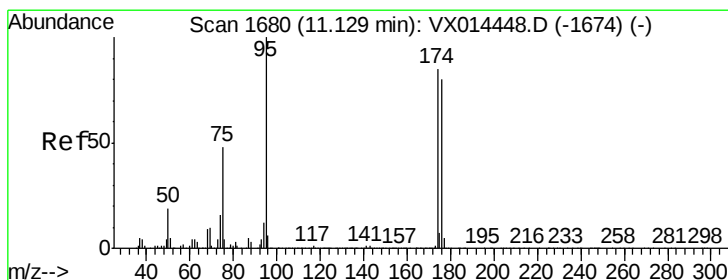
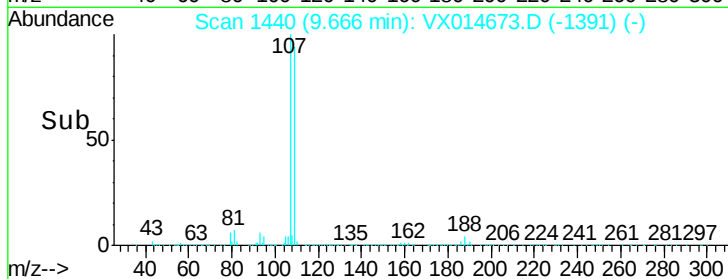
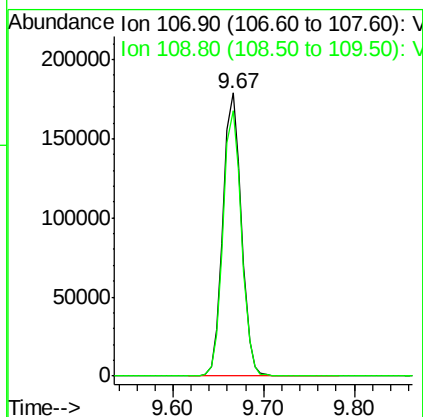
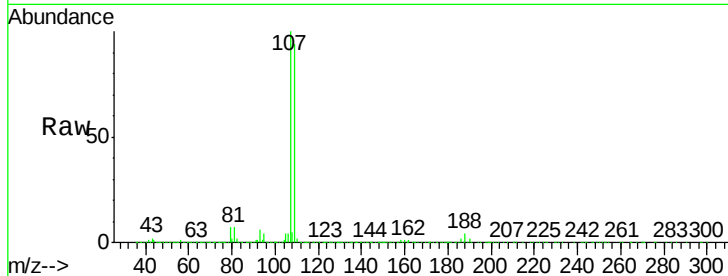
#61
 1,2-Dibromoethane
 Concen: 51.219 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	252949		
109	93.9	76.5	114.7	

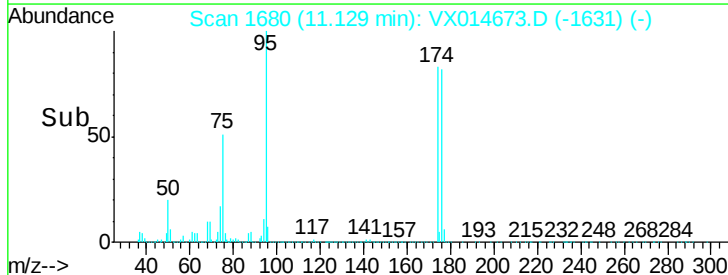
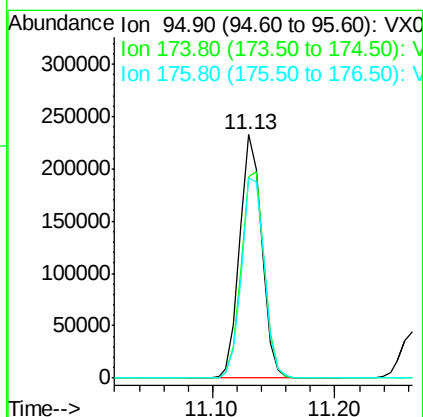
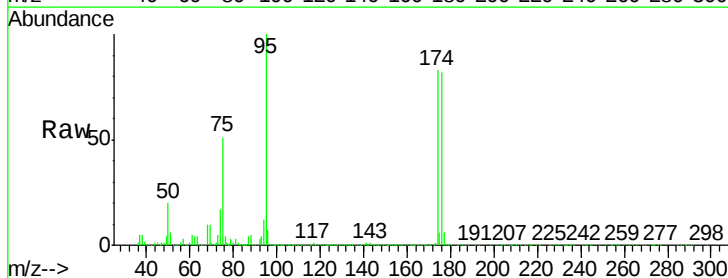
Manual Integrations
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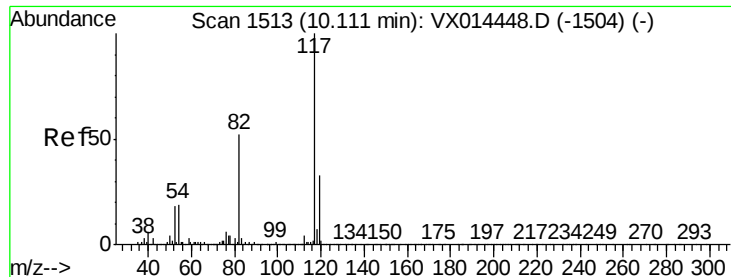
MMDadoda
 1/22/2020 12:26:36 PM



#62
 4-Bromofluorobenzene
 Concen: 51.619 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	289196		
174	88.6	0.0	180.8	
176	85.2	0.0	172.8	





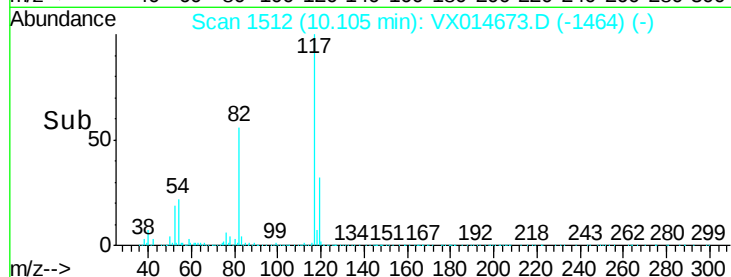
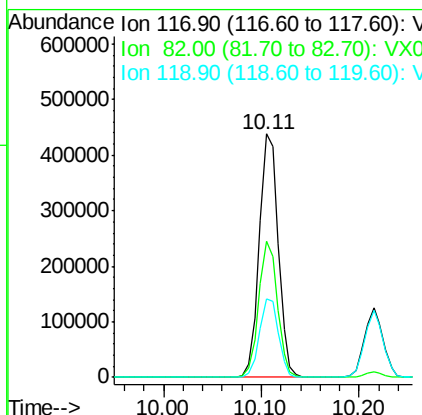
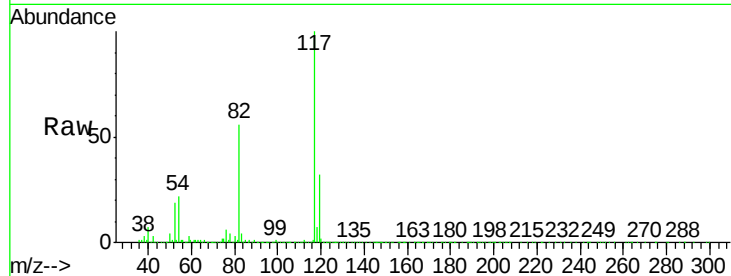
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	594741		
82	55.9		41.8	62.6
119	32.4		26.2	39.4

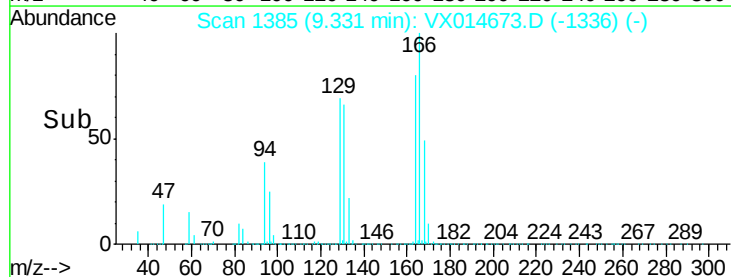
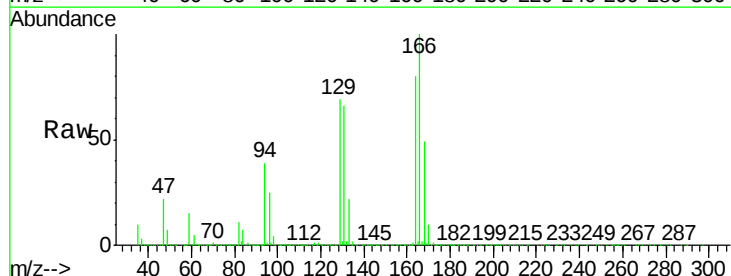
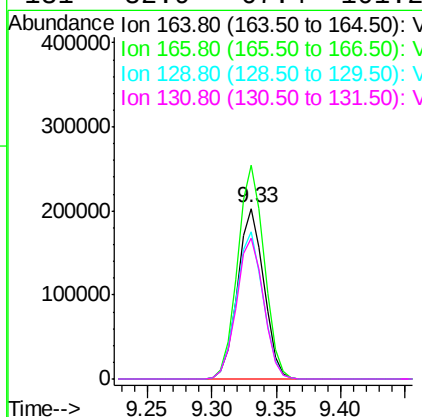
Manual Integrations
APPROVED

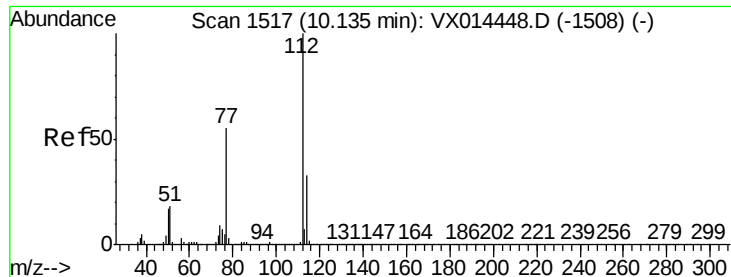
MMDadoda
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#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	287164		
166	125.3		101.2	151.8
129	86.4		68.3	102.5
131	82.9		67.4	101.2





#65

Chlorobenzene

Concen: 49.335 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 636758

Ion Ratio Lower Upper

112 100

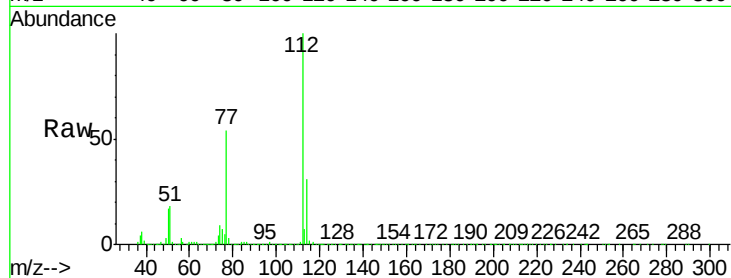
114 31.4 26.2 39.4

Manual Integrations

APPROVED

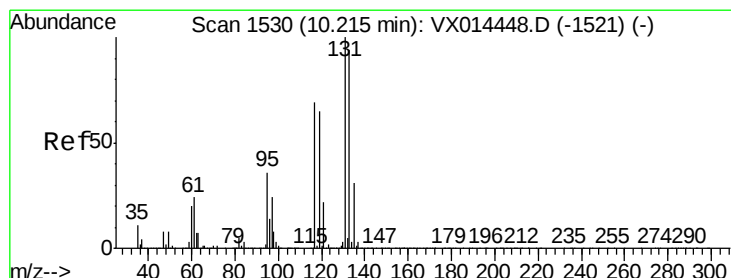
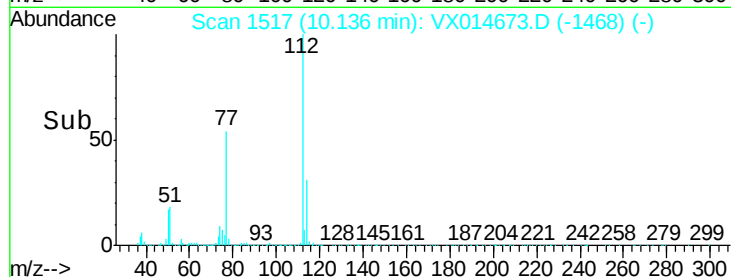
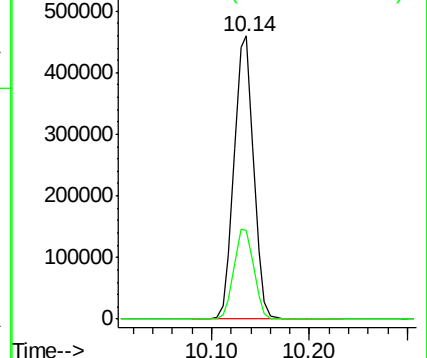
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.853 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

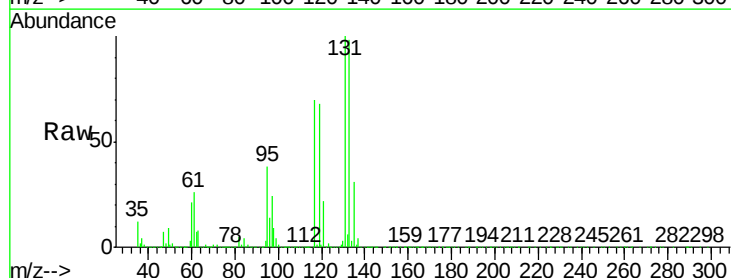
Tgt Ion:131 Resp: 238838

Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

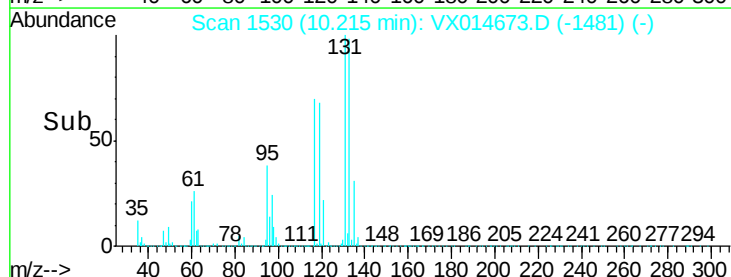
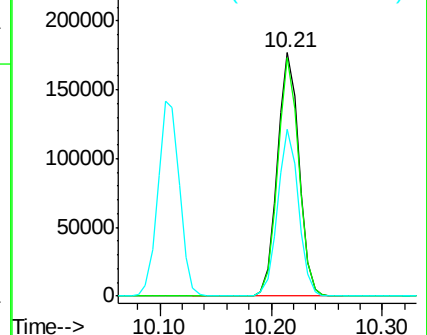
119 66.0 32.8 98.4



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: 51.357 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1129810

Ion Ratio Lower Upper

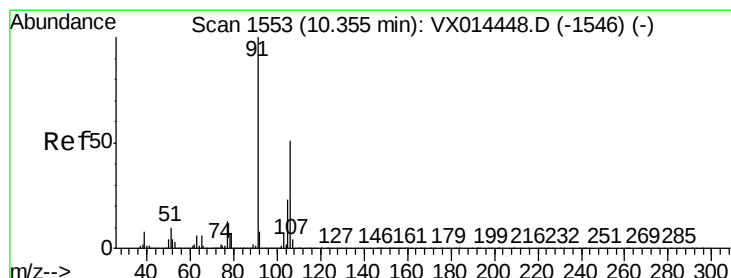
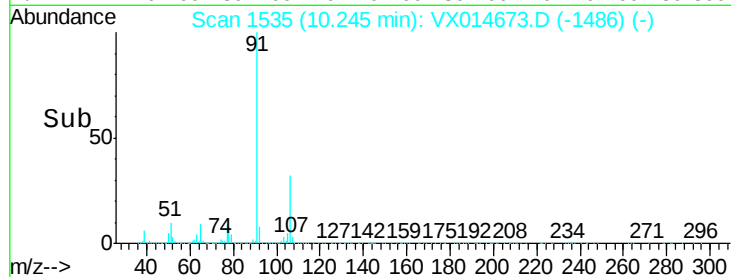
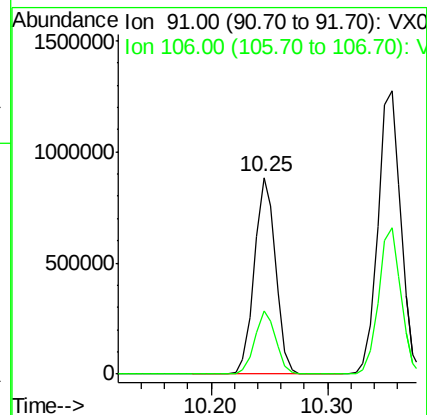
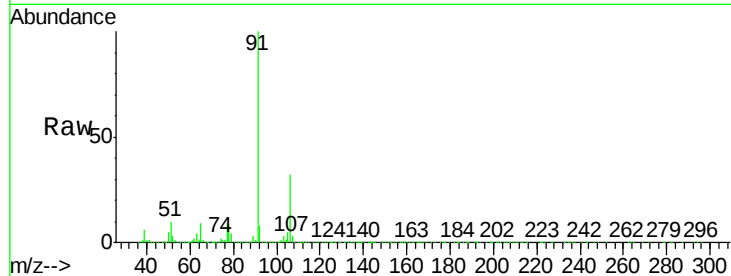
91 100

106 32.3 25.6 38.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 103.093 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014673.D

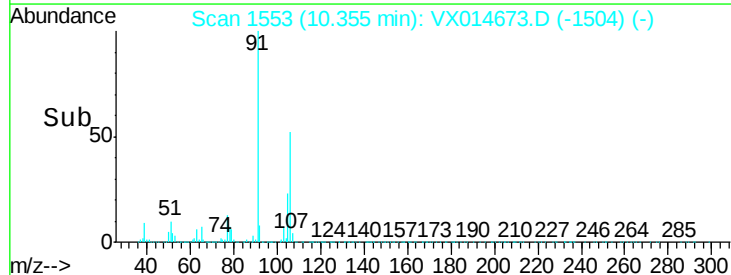
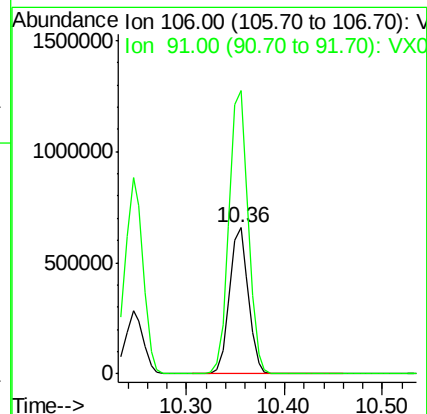
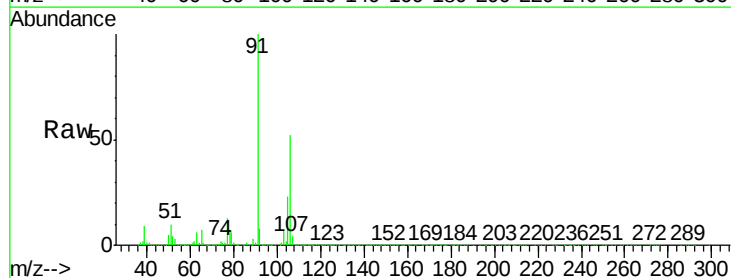
Acq: 21 Jan 2020 09:35

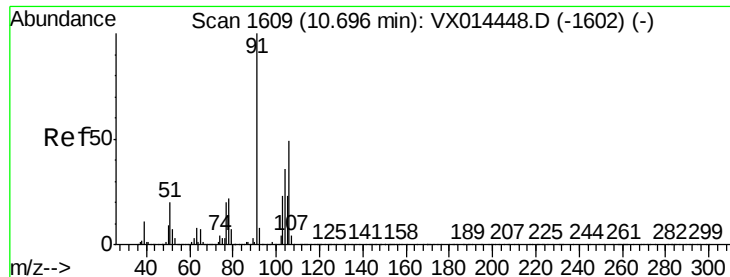
Tgt Ion: 106 Resp: 874964

Ion Ratio Lower Upper

106 100

91 198.6 157.4 236.0





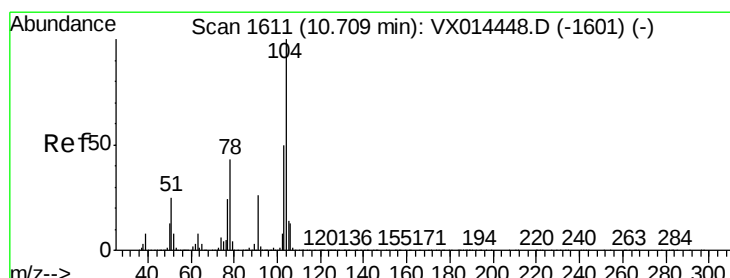
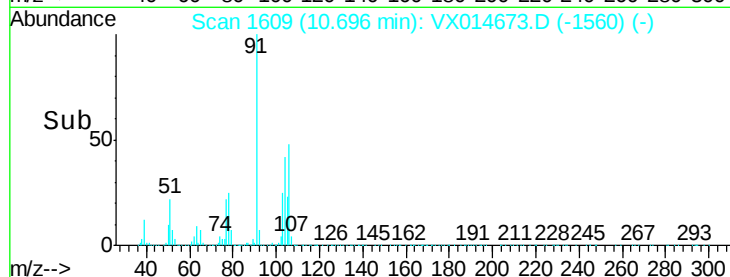
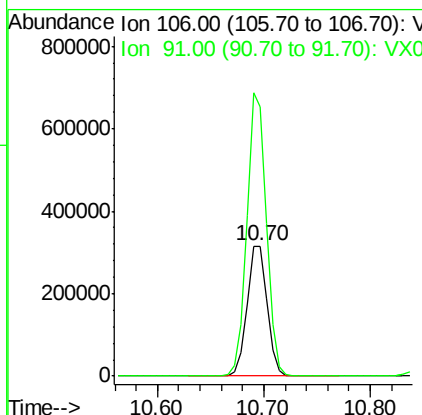
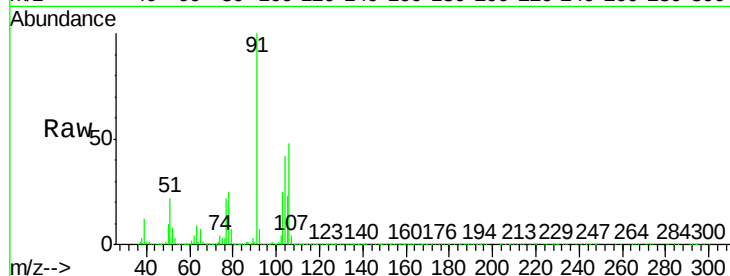
#69
o-Xylene
Concen: 51.696 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	105.1	315.1

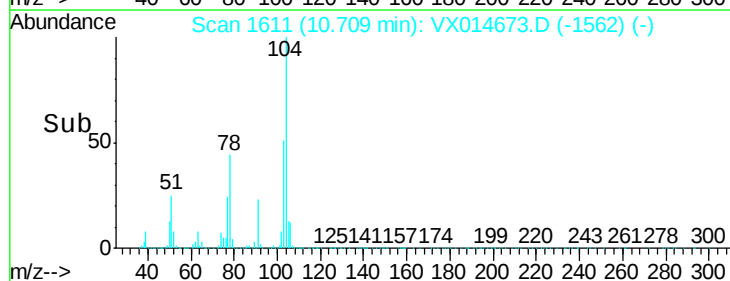
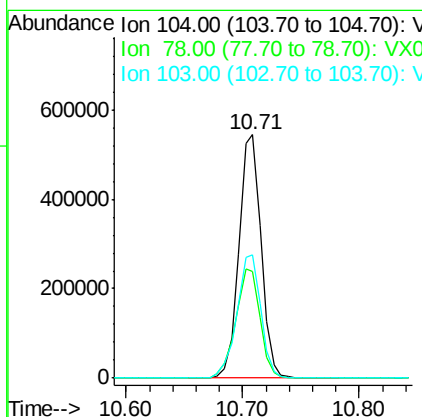
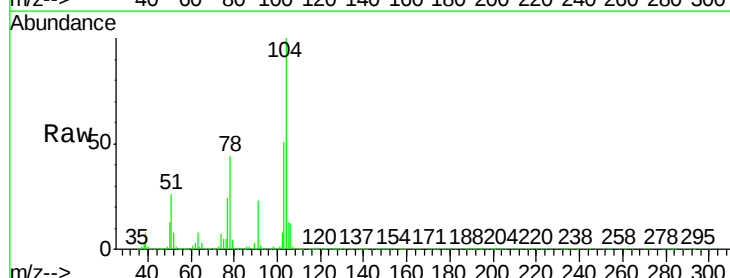
Manual Integrations
APPROVED

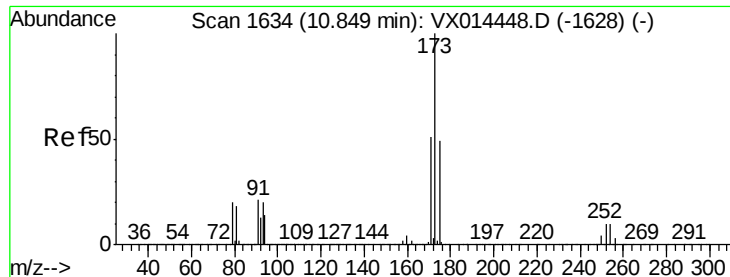
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#70
Styrene
Concen: 51.636 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	38.6	58.0
103	54.8	43.7	65.5





#71

Bromoform

Concen: 51.909 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 195622

Ion Ratio Lower Upper

173 100

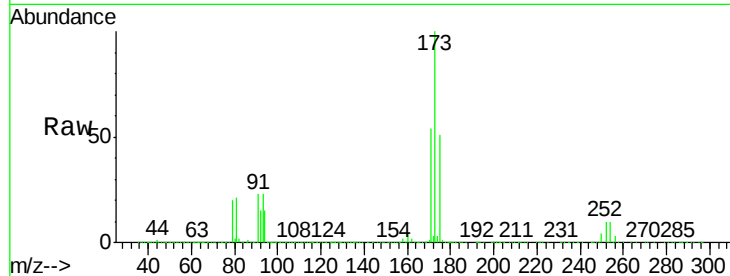
175 50.1 24.3 72.8

254 0.3 0.2 0.2#

Manual Integrations
APPROVED

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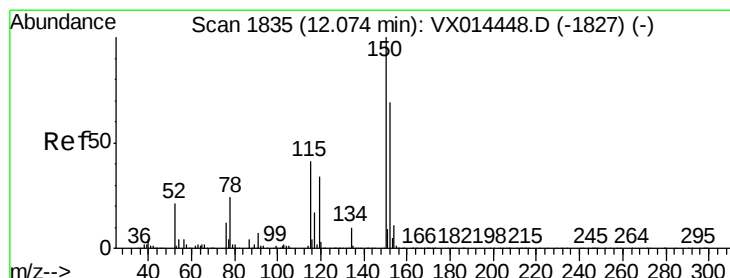
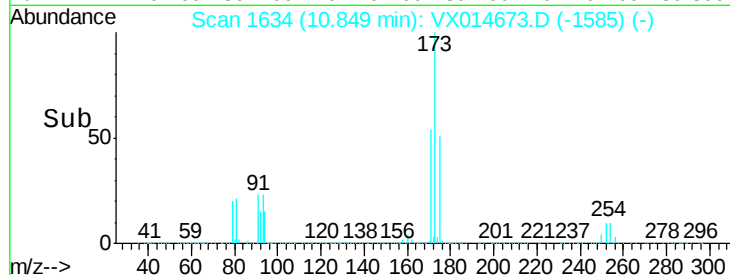
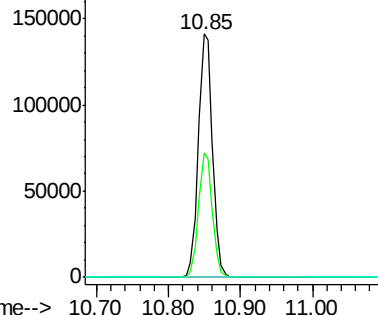
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

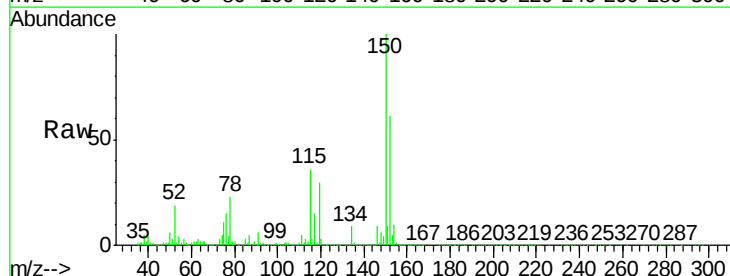
Tgt Ion:152 Resp: 305201

Ion Ratio Lower Upper

152 100

115 80.0 39.5 118.3

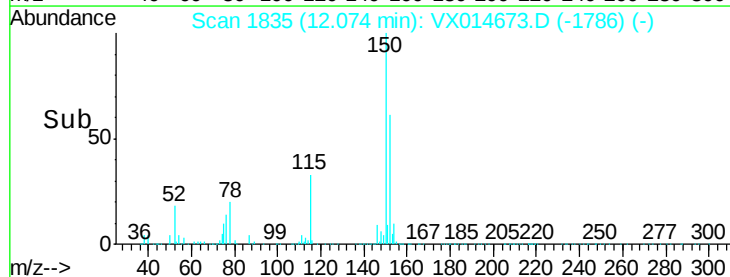
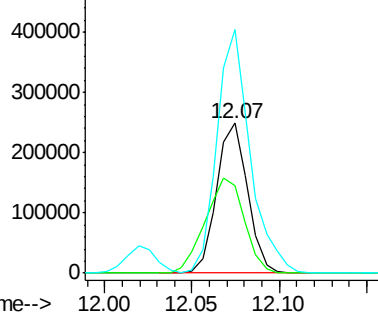
150 174.7 0.0 350.2

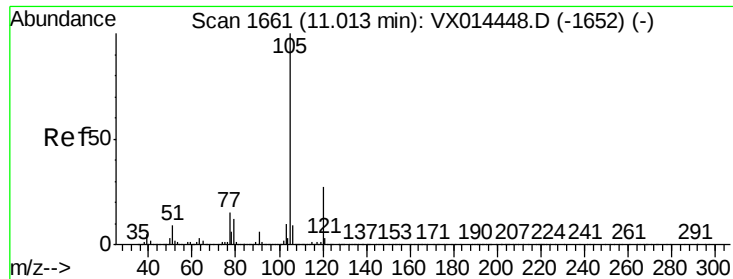


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.222 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1119198

Ion Ratio Lower Upper

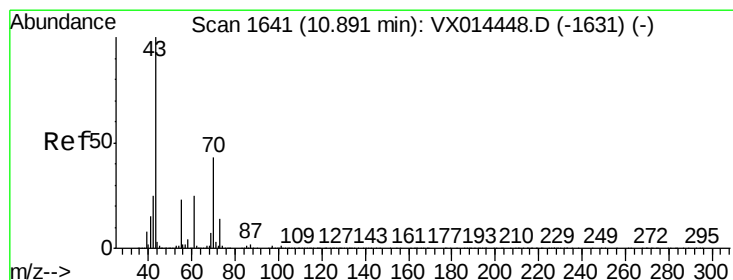
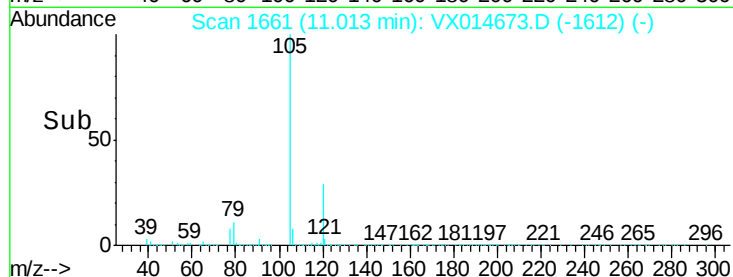
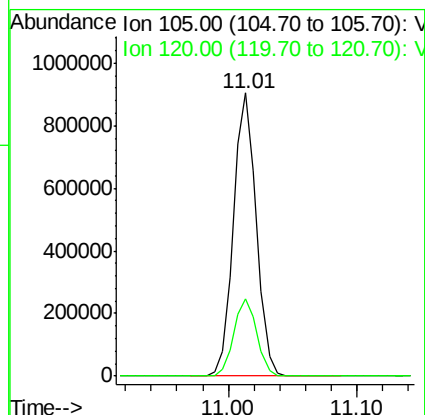
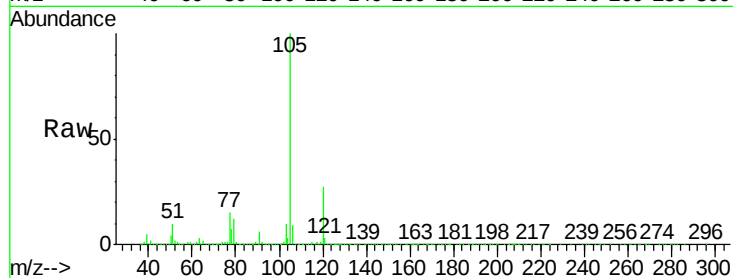
105 100

120 27.5 13.4 40.2

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#74

N-ethyl acetate

Concen: 51.060 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion: 43 Resp: 482792

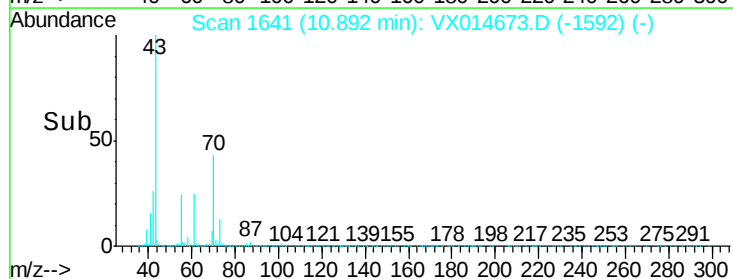
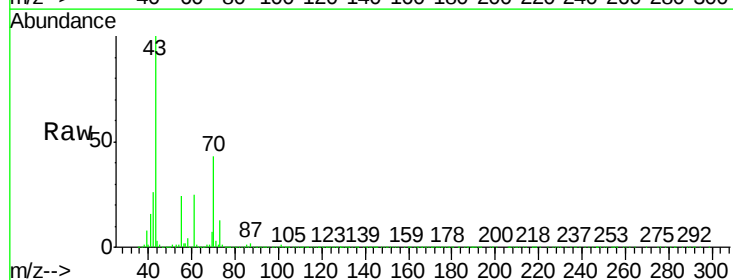
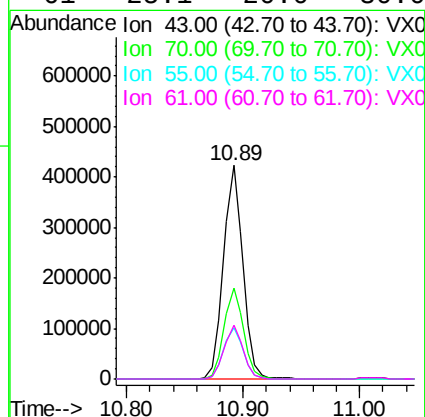
Ion Ratio Lower Upper

43 100

70 43.1 35.1 52.7

55 24.6 19.3 28.9

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.448 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

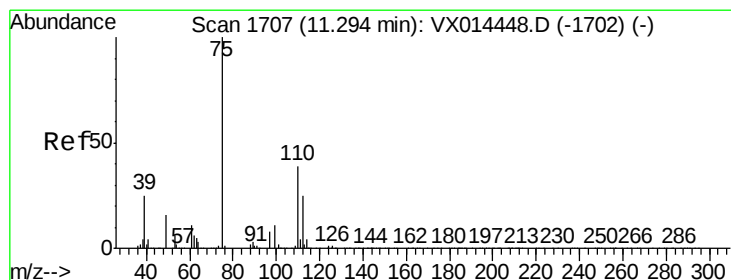
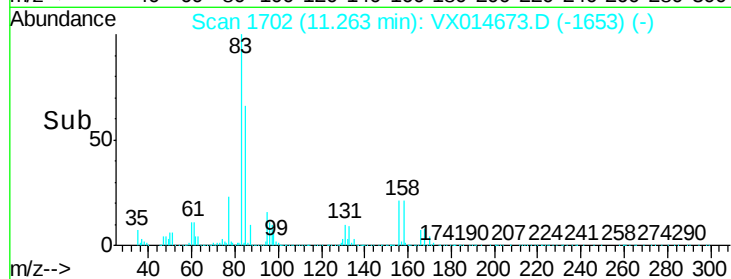
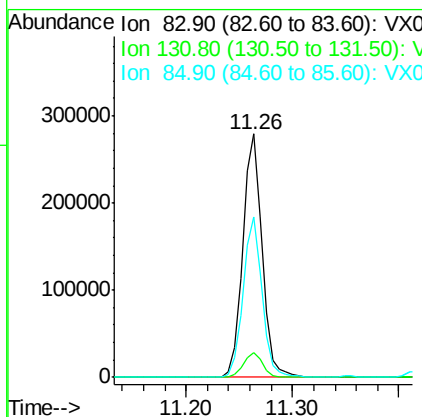
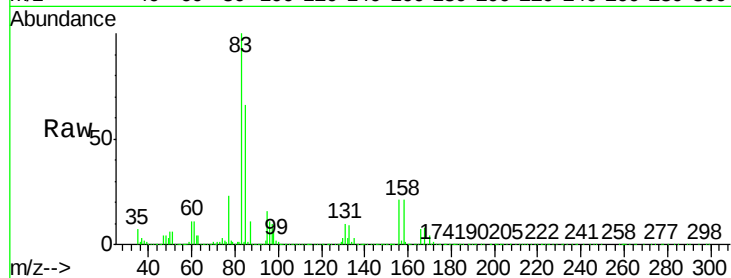
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	353603
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	65.1	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.624 ug/l m

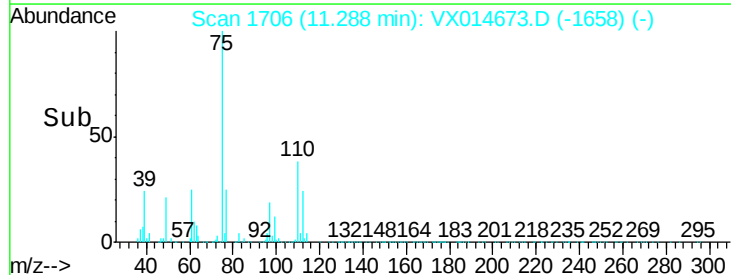
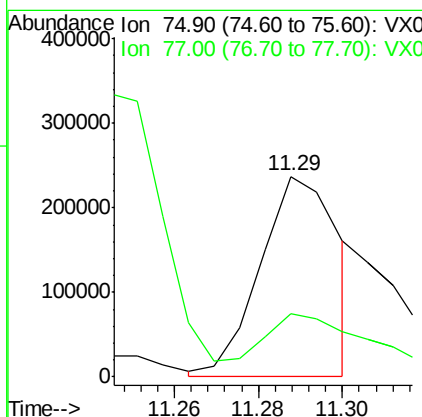
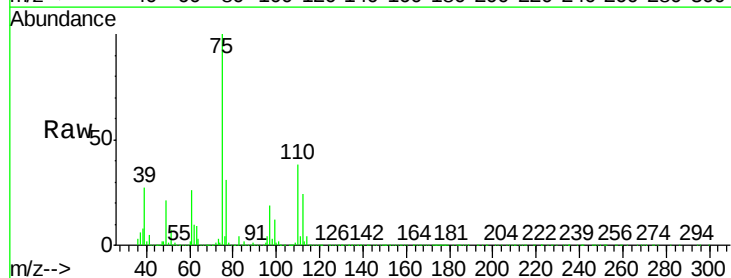
RT: 11.29 min Scan# 1706

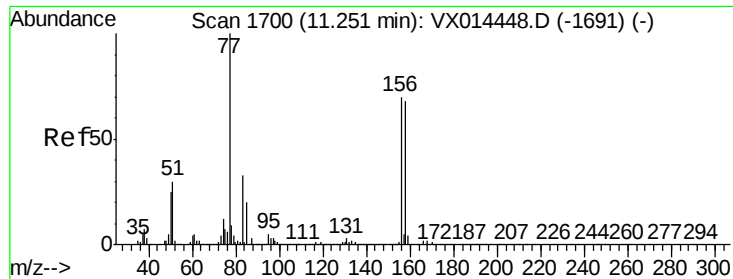
Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	75	Resp:	307043
Ion Ratio	Lower	Upper	
75	100		
77	44.2	21.9	65.7





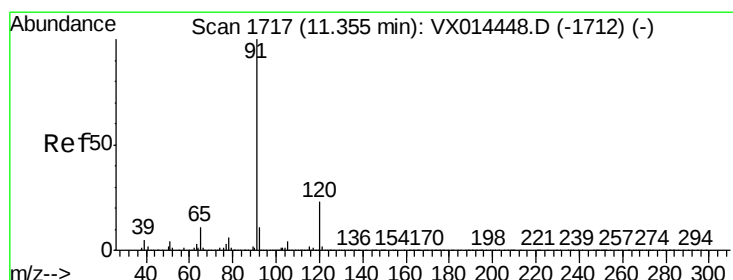
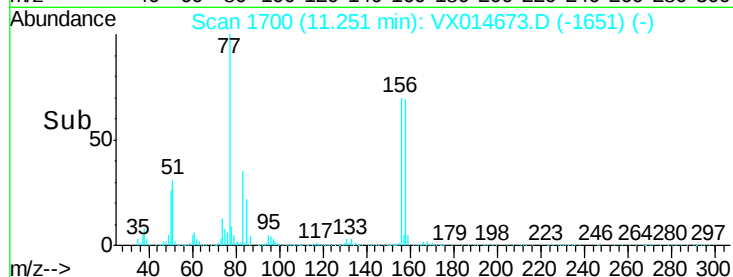
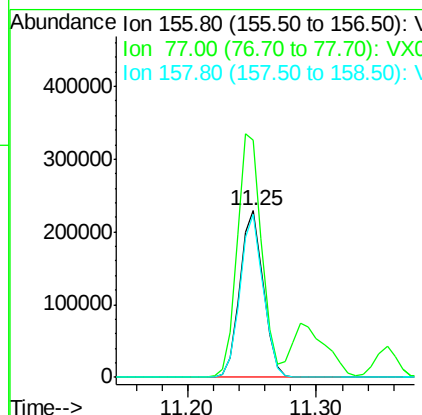
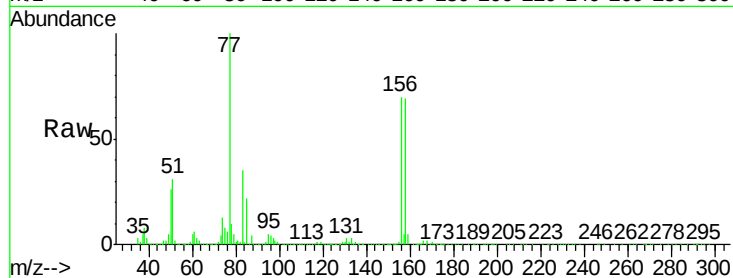
#77
Bromobenzene
Concen: 48.788 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	289970		
77	151.9	75.4	226.3	
158	96.9	48.8	146.3	

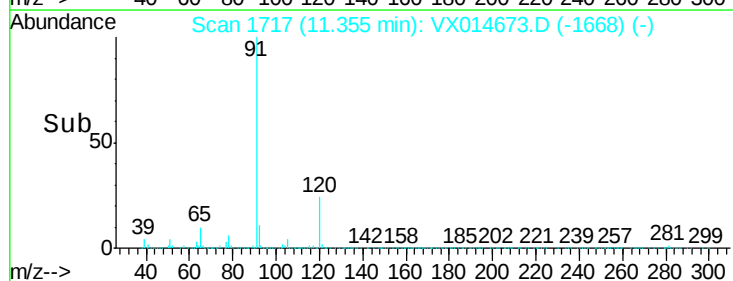
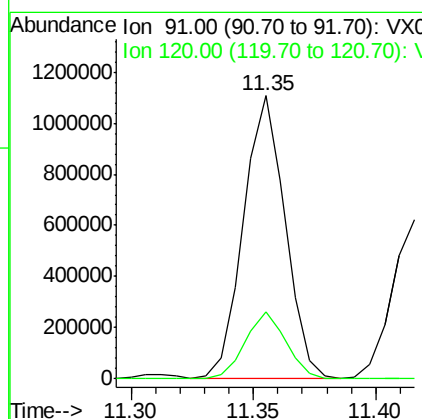
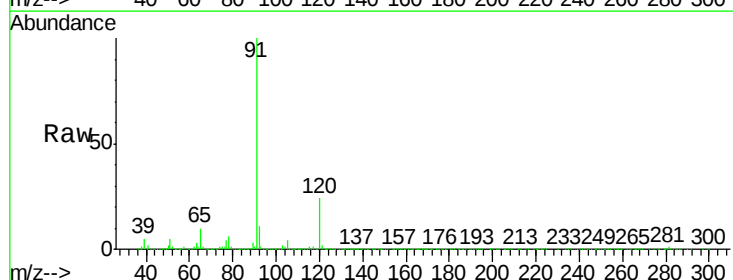
Manual Integrations
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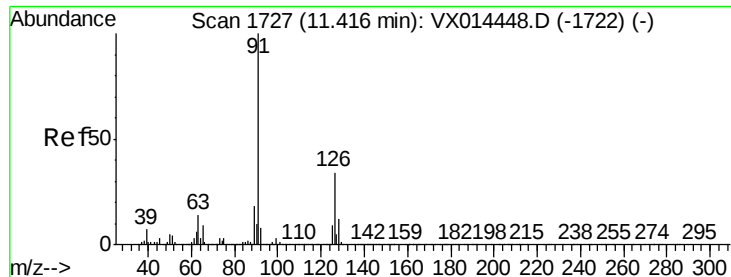
MMDadoda
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#78
n-propylbenzene
Concen: 53.131 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1304087		
120	23.4	11.9	35.5	





#79

2-Chlorotoluene

Concen: 51.584 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 754584

Ion Ratio Lower Upper

91 100

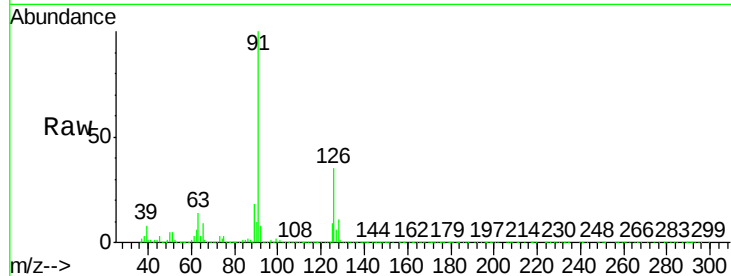
126 35.1 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX014448.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014448.D (-1722) (-)

1200000

1000000

800000

600000

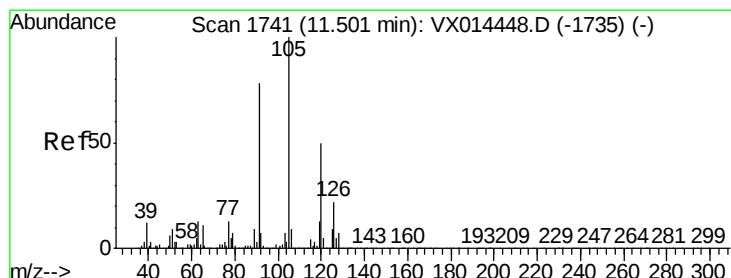
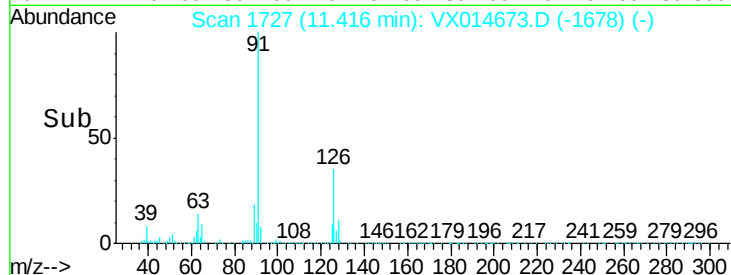
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.473 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014673.D

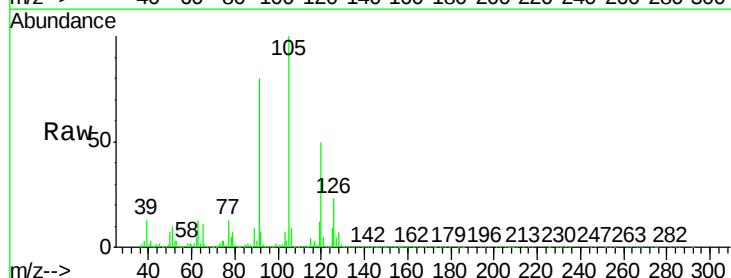
Acq: 21 Jan 2020 09:35

Tgt Ion: 105 Resp: 951458

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX014448.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014448.D (-1735) (-)

800000

600000

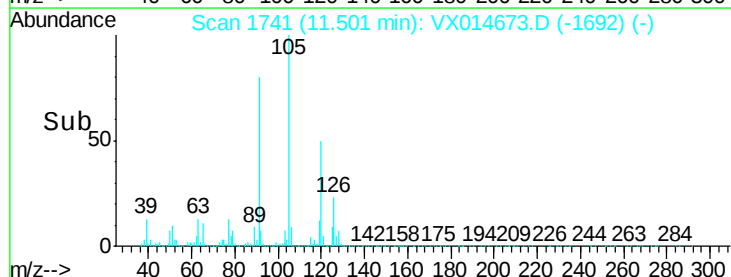
400000

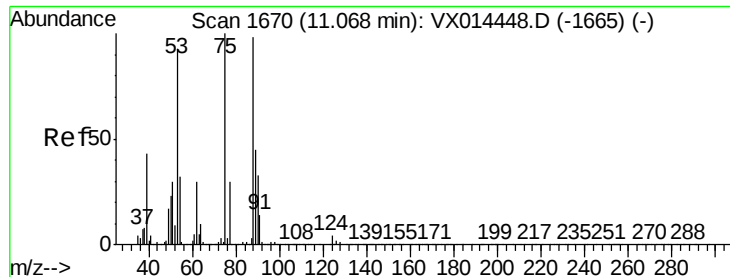
200000

0

11.50 11.60

Time-->





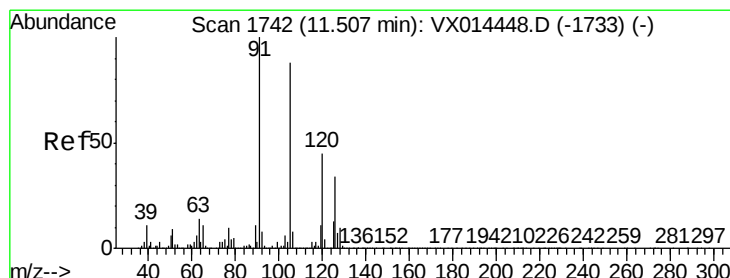
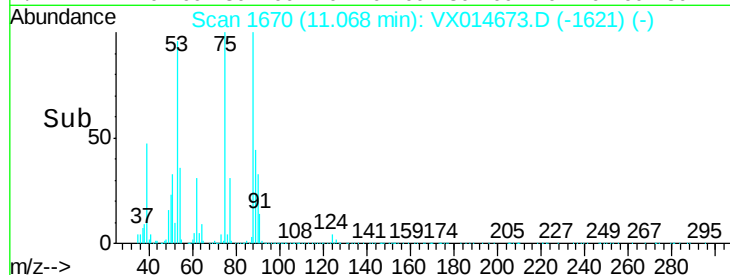
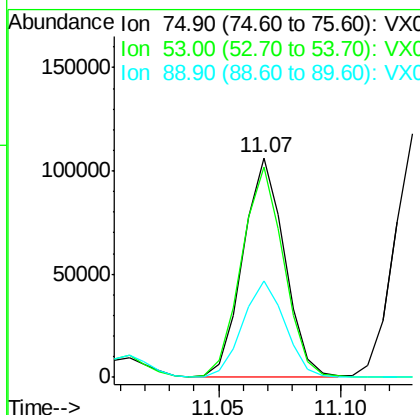
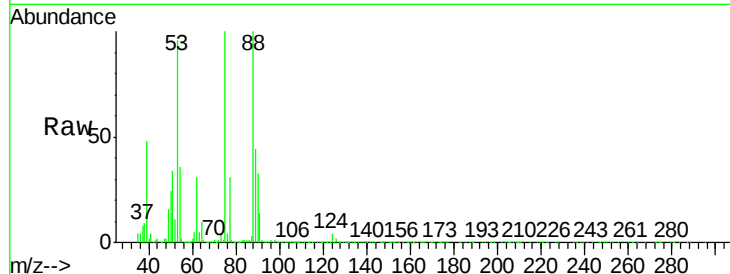
#81
trans-1,4-Dichloro-2-butene
Concen: 52.284 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	74.8	112.2
89	45.2	36.3	54.5

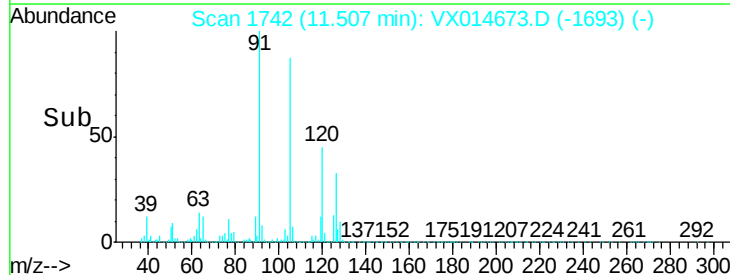
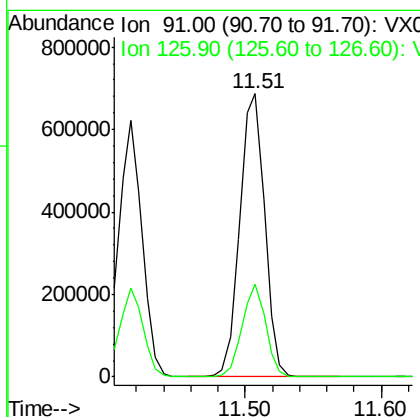
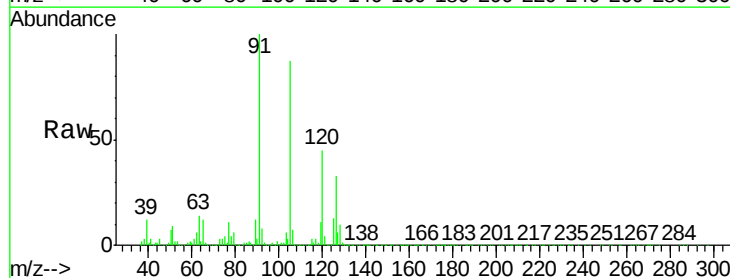
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#82
4-Chlorotoluene
Concen: 51.043 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





#83

tert-Butylbenzene

Concen: 52.509 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

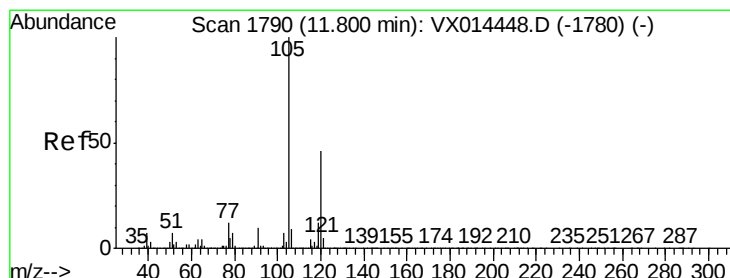
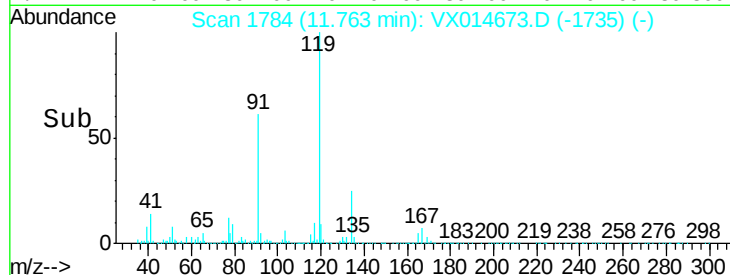
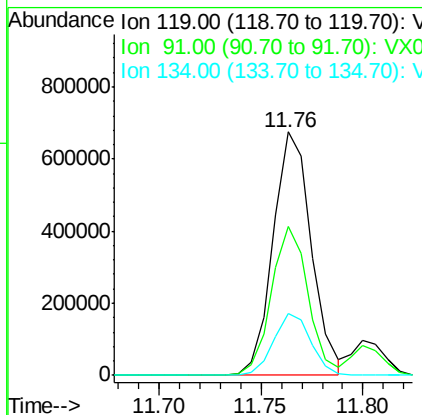
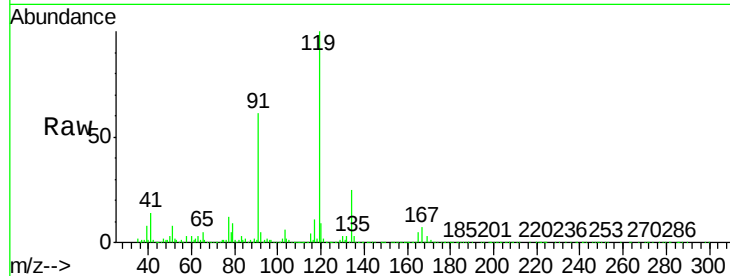
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	882795
Ion Ratio	Lower	Upper	
119	100		
91	58.6	29.3	88.0
134	24.7	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 53.133 ug/l

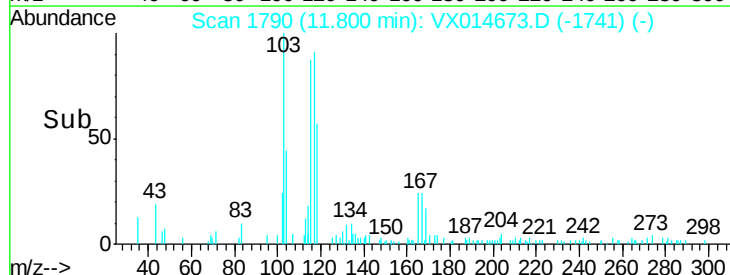
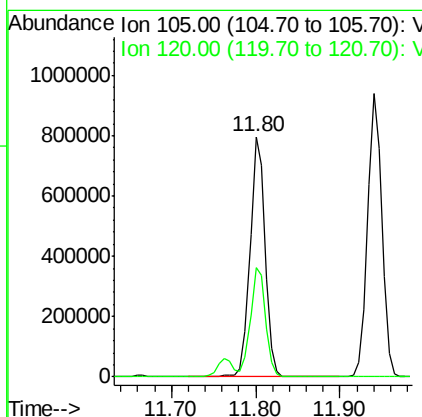
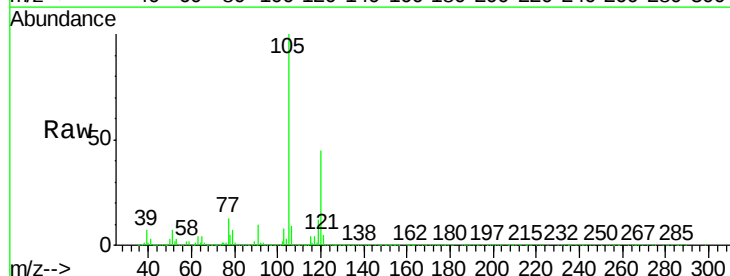
RT: 11.80 min Scan# 1790

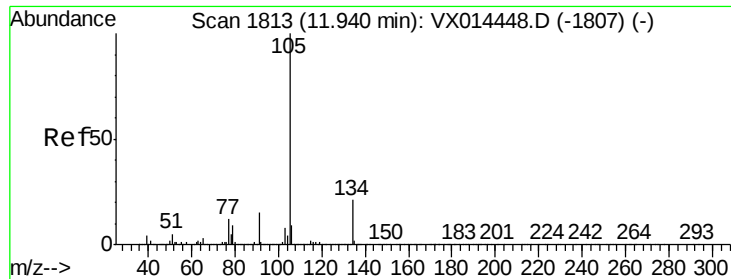
Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion:	105	Resp:	955299
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 53.104 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1109885

Ion Ratio Lower Upper

105 100

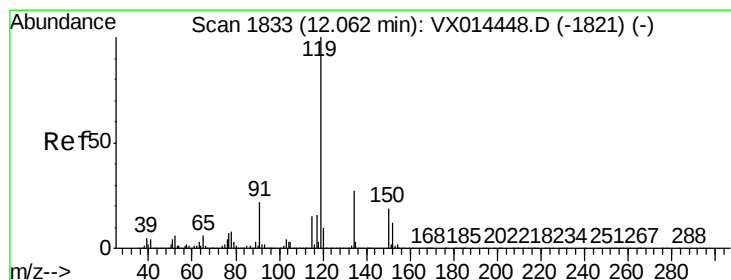
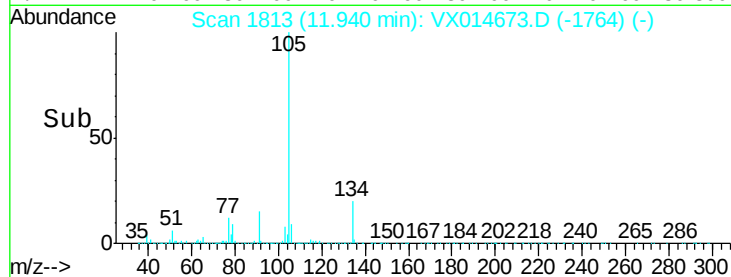
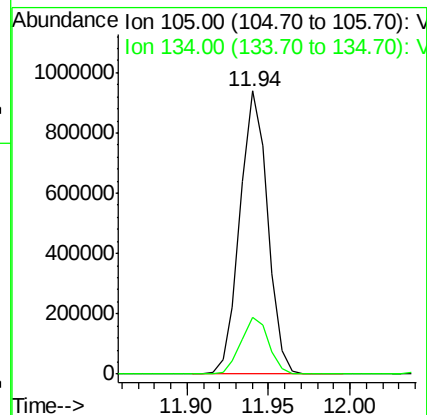
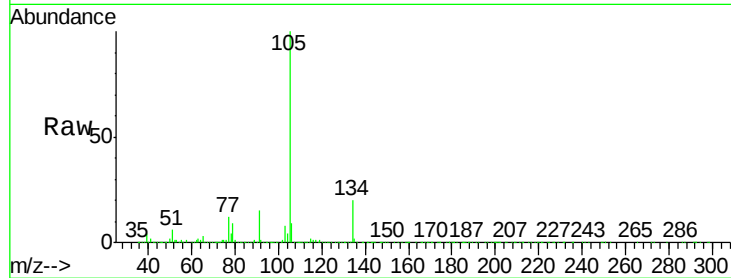
134 20.4 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 52.576 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

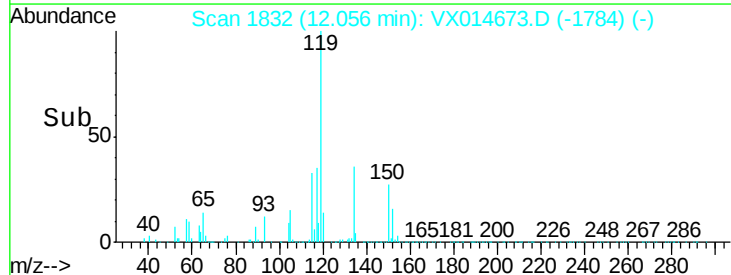
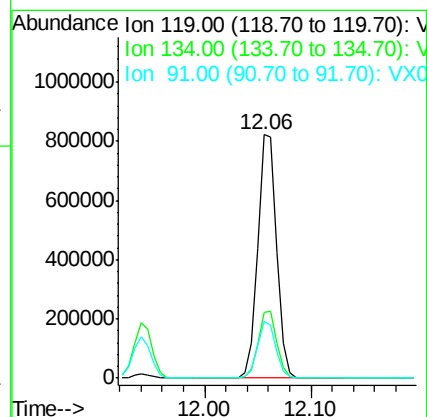
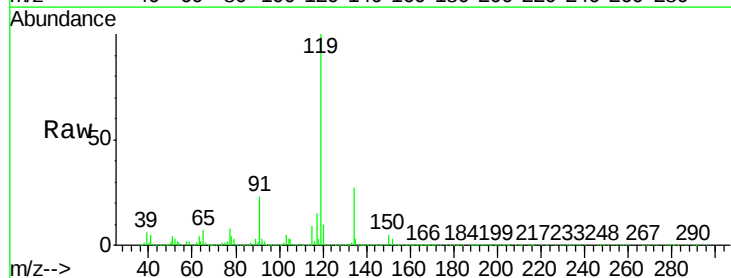
Tgt Ion:119 Resp: 1019691

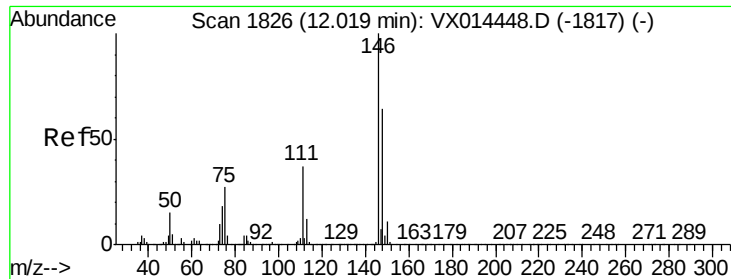
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.7 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 49.304 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

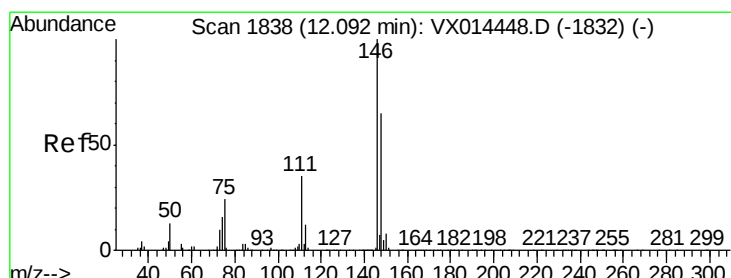
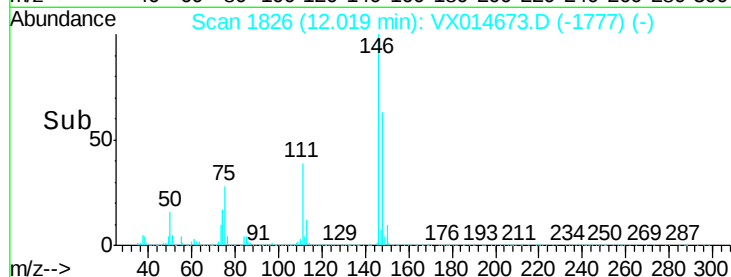
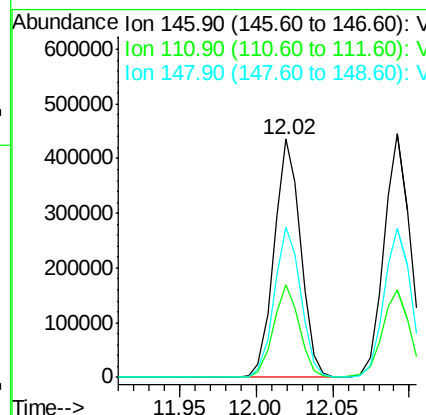
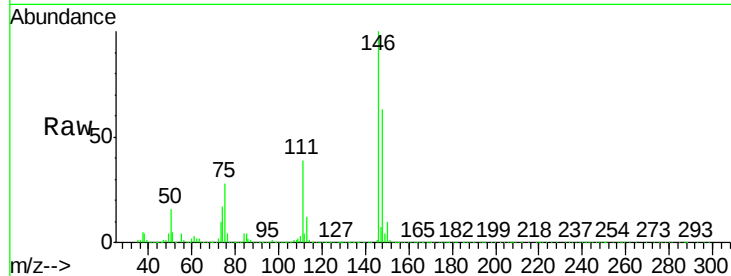
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	63.2	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.467 ug/l

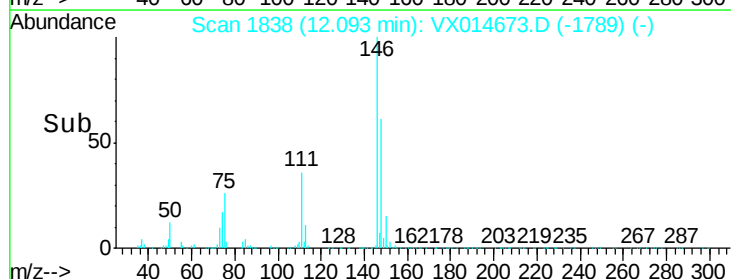
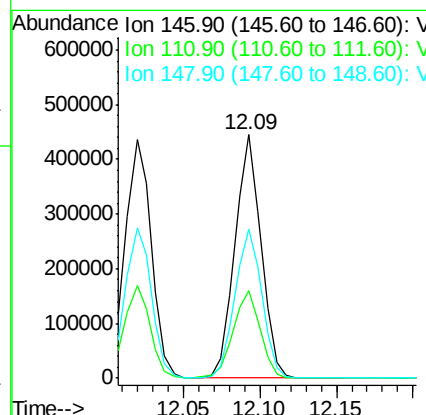
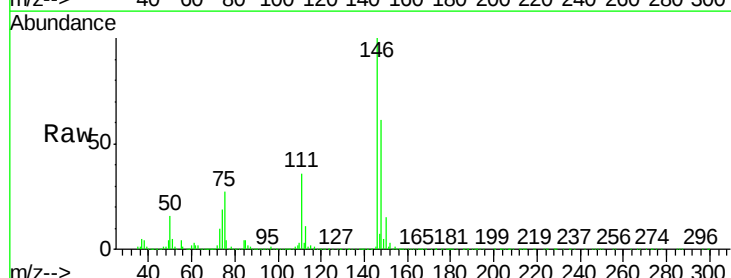
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014673.D

Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	63.3	32.1	96.3





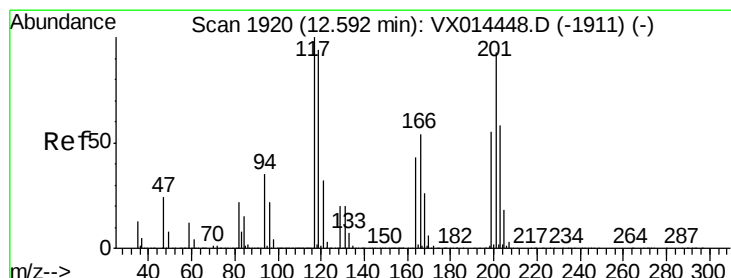
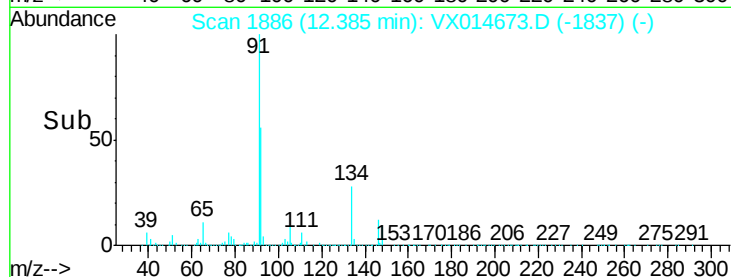
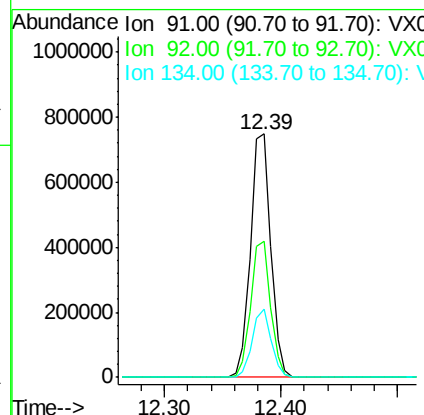
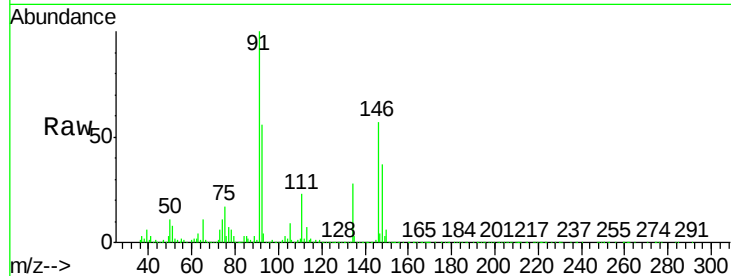
#89
n-Butylbenzene
Concen: 51.513 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.2
134	26.4	13.9	41.7

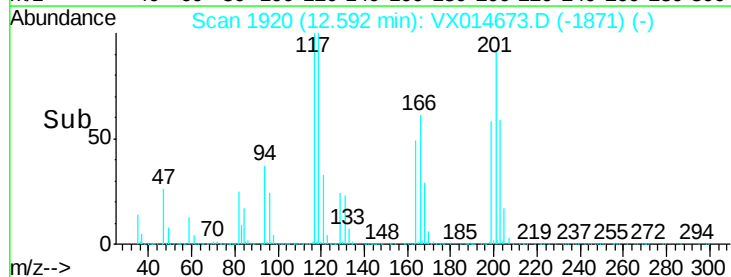
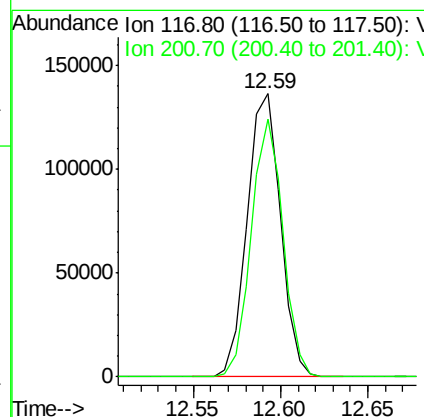
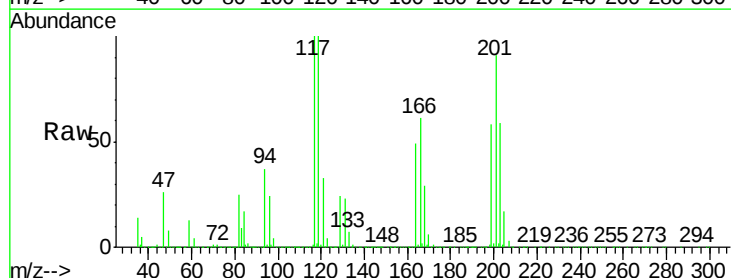
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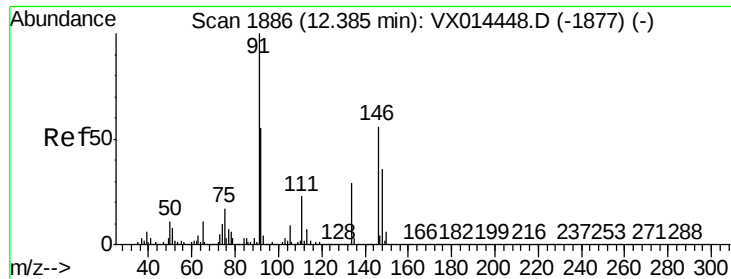
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#90
Hexachloroethane
Concen: 52.953 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	44.8	134.3





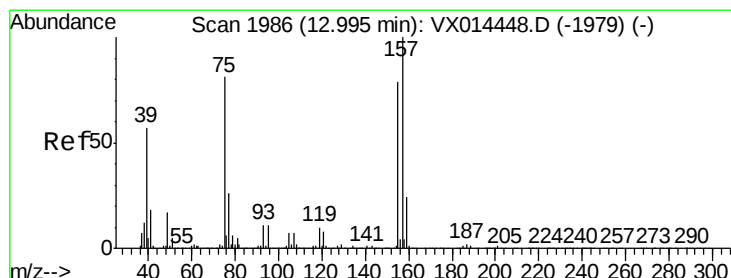
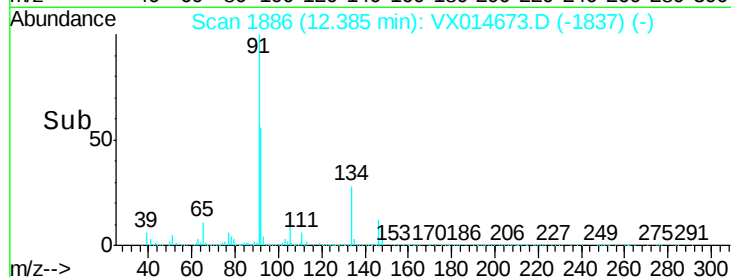
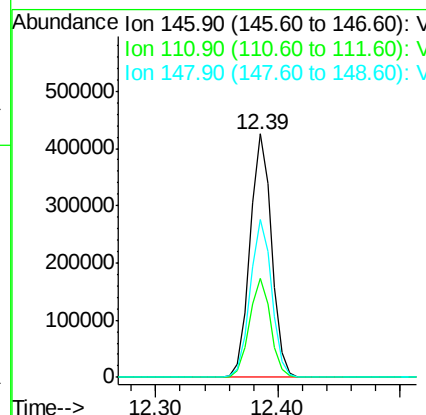
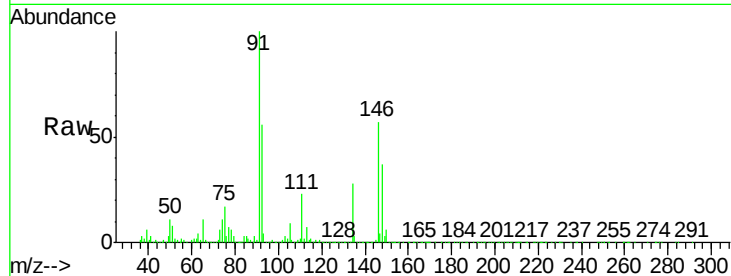
#91
 1,2-Dichlorobenzene
 Concen: 49.768 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	64.6	32.3	96.8

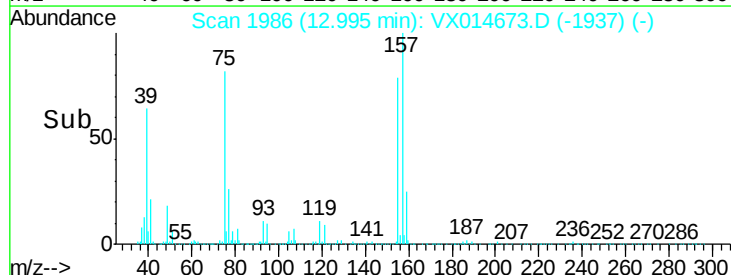
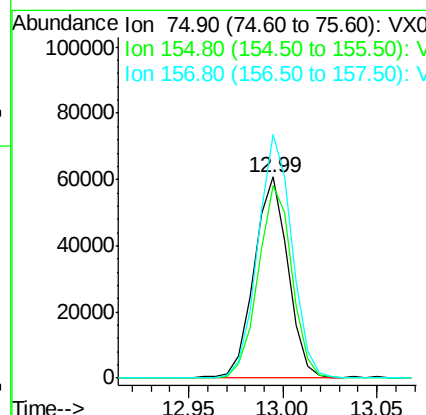
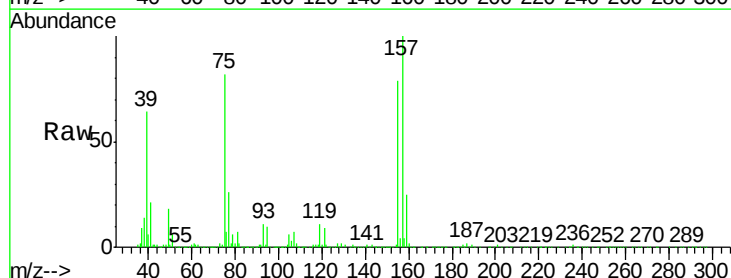
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.549 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	48.7	146.1
157	123.1	62.0	185.9





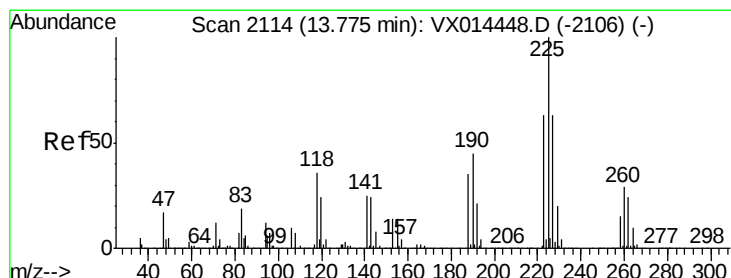
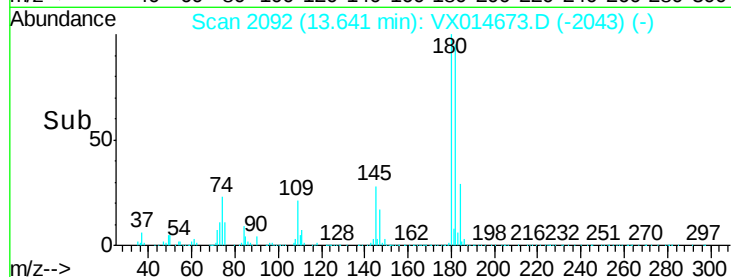
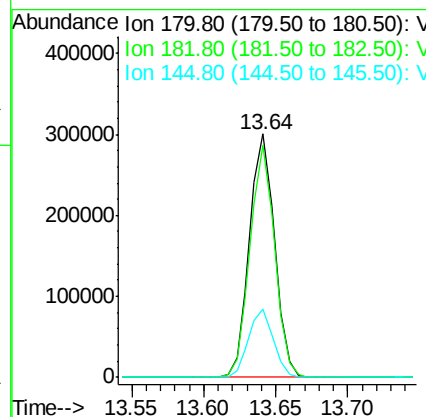
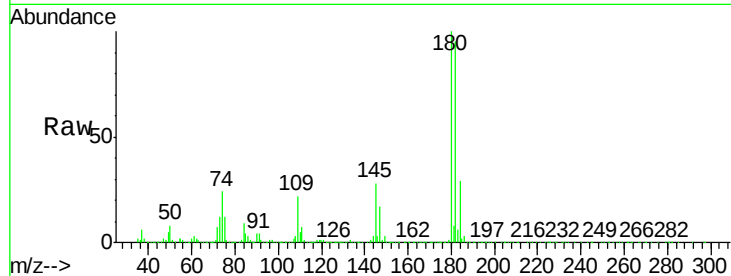
#93
 1,2,4-Trichlorobenzene
 Concen: 49.313 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	361700		
182	93.6	47.5	142.5	
145	27.7	13.9	41.6	

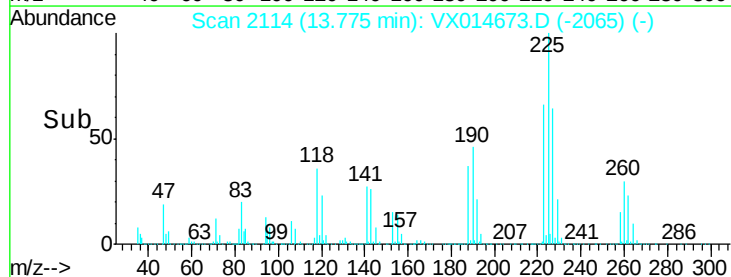
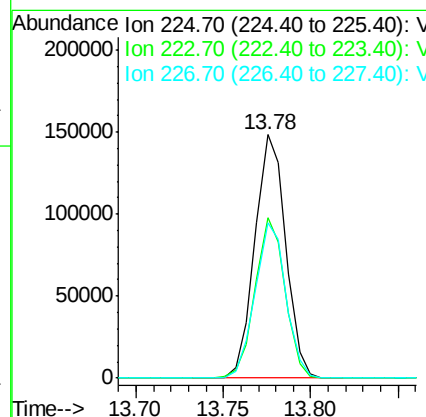
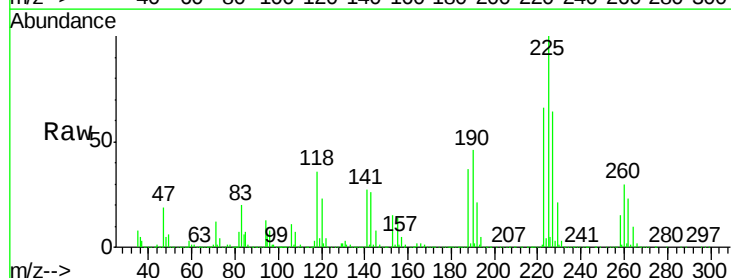
Manual Integrations
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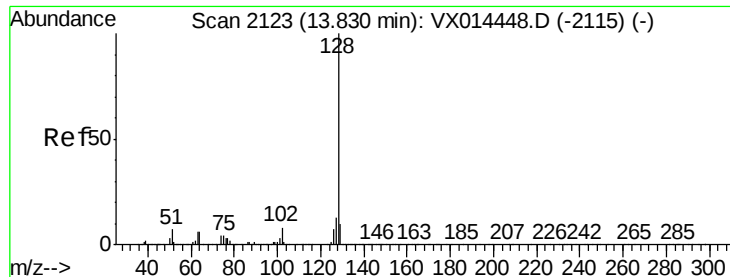
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#94
 Hexachlorobutadiene
 Concen: 53.106 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014673.D
 Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	182442		
223	63.7	31.1	93.2	
227	63.5	31.4	94.2	





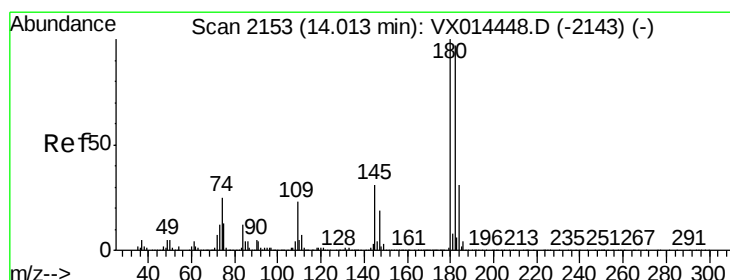
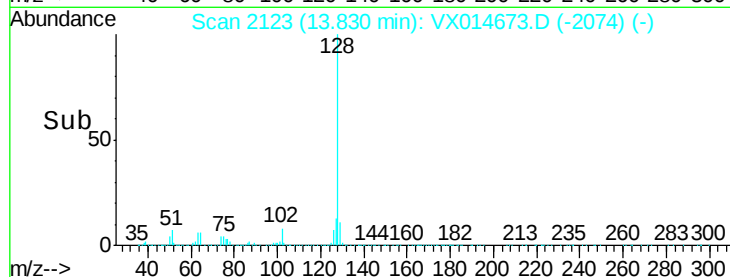
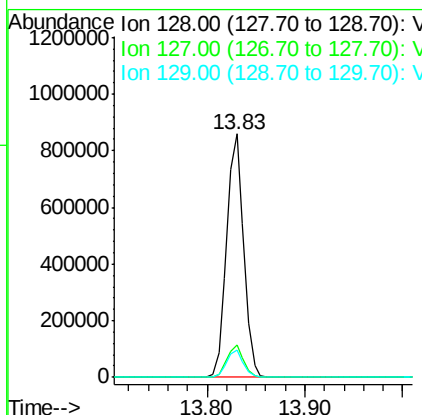
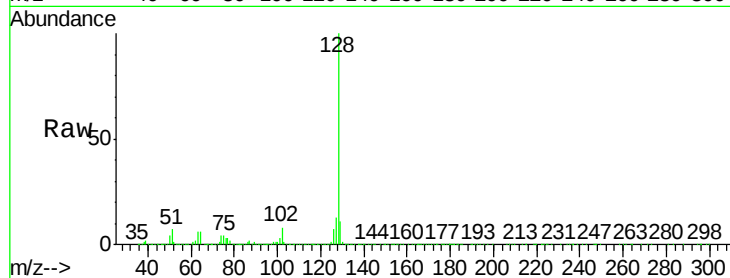
#95
Naphthalene
Concen: 45.623 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/22/2020 12:26:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.705 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014673.D
Acq: 21 Jan 2020 09:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	29.4	14.8	44.3

