

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014714.D
 Acq On : 27 Jan 2020 09:47
 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
 1/28/2020 11:18:15 AM

Quant Time: Jan 28 03:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	694649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	637221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	244372	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	5.48	113	201034	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
50) Toluene-d8	8.71	98	777521	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
62) 4-Bromofluorobenzene	11.13	95	272425	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	301148	47.820	ug/l	99
3) Chloromethane	1.32	50	301147	47.423	ug/l	99
4) Vinyl Chloride	1.40	62	346622	50.483	ug/l	99
5) Bromomethane	1.63	94	208217	44.646	ug/l	100
6) Chloroethane	1.71	64	188566	47.945	ug/l	97
7) Trichlorofluoromethane	1.92	101	374435	46.835	ug/l	98
8) Diethyl Ether	2.18	74	162099	46.452	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227991	48.578	ug/l	99
10) Methyl Iodide	2.50	142	306391	49.752	ug/l	98
11) Tert butyl alcohol	3.03	59	240154	195.140	ug/l	99
12) 1,1-Dichloroethene	2.36	96	217446	46.599	ug/l	94
13) Acrolein	2.28	56	480188	494.857	ug/l	99
14) Allyl chloride	2.72	41	409568	48.831	ug/l	99
15) Acrylonitrile	3.13	53	648451	227.727	ug/l	100
16) Acetone	2.43	43	830316	276.363	ug/l	99
17) Carbon Disulfide	2.56	76	604532	47.401	ug/l	99
18) Methyl Acetate	2.76	43	395141	46.078	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	732902	47.952	ug/l	98
20) Methylene Chloride	2.84	84	251409	45.225	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	237853	46.294	ug/l	98
22) Diisopropyl ether	3.84	45	822208	49.272	ug/l	95
23) Vinyl Acetate	3.80	43	3204312	251.901	ug/l	99
24) 1,1-Dichloroethane	3.69	63	434838	47.983	ug/l	99
25) 2-Butanone	4.65	43	1052259	244.463	ug/l	97
26) 2,2-Dichloropropane	4.57	77	358136	49.373	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	267527	46.524	ug/l	99
28) Bromochloromethane	5.00	49	180968	45.443	ug/l	100
29) Tetrahydrofuran	5.11	42	580491	227.223	ug/l	99
30) Chloroform	5.19	83	427161	47.582	ug/l	97
31) Cyclohexane	5.57	56	411416	48.268	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	361049	47.580	ug/l	99
36) 1,1-Dichloropropene	5.79	75	324291	50.241	ug/l	99
37) Ethyl Acetate	4.81	43	355769	48.124	ug/l	99
38) Carbon Tetrachloride	5.78	117	312097	50.628	ug/l	95

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	415192	51.346	ug/l	96
40) Benzene	6.13	78	984154	49.347	ug/l	98
41) Methacrylonitrile	5.03	41	202167	47.923	ug/l	98
42) 1,2-Dichloroethane	6.18	62	343966	49.944	ug/l	99
43) Isopropyl Acetate	6.43	43	575197	47.514	ug/l	99
44) Trichloroethene	7.20	130	271905	48.267	ug/l	93
45) 1,2-Dichloropropane	7.50	63	260604	50.722	ug/l	99
46) Dibromomethane	7.65	93	166271	49.967	ug/l	99
47) Bromodichloromethane	7.89	83	333377	51.080	ug/l	98
48) Methyl methacrylate	7.76	41	289570	50.062	ug/l	99
49) 1,4-Dioxane	7.73	88	106084	865.209	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1825272	238.888	ug/l	99
52) Toluene	8.78	92	625025	50.983	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	373674	53.173	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	413858	53.533	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	250036	49.815	ug/l	99
56) Ethyl methacrylate	9.17	69	394690	46.512	ug/l	100
57) 1,3-Dichloropropane	9.36	76	423664	49.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	663042	262.670	ug/l	99
59) 2-Hexanone	9.48	43	1484134	250.315	ug/l	99
60) Dibromochloromethane	9.57	129	270020	51.540	ug/l	100
61) 1,2-Dibromoethane	9.67	107	259479	48.895	ug/l	100
64) Tetrachloroethene	9.33	164	288782	45.783	ug/l	96
65) Chlorobenzene	10.14	112	667074	48.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	251664	50.079	ug/l	99
67) Ethyl Benzene	10.25	91	1184500	50.896	ug/l	99
68) m/p-Xylenes	10.35	106	914669	103.742	ug/l	100
69) o-Xylene	10.70	106	438020	51.461	ug/l	98
70) Styrene	10.71	104	765308	53.600	ug/l	100
71) Bromoform	10.85	173	207171	51.839	ug/l #	100
73) Isopropylbenzene	11.01	105	1160575	51.367	ug/l	100
74) N-amyl acetate	10.89	43	507573	51.265	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	373434	46.291	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	313156m	41.888	ug/l	
77) Bromobenzene	11.25	156	300438	49.497	ug/l	100
78) n-propylbenzene	11.35	91	1347440	52.539	ug/l	100
79) 2-Chlorotoluene	11.42	91	787503	50.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	990177	52.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133010	50.631	ug/l	98
82) 4-Chlorotoluene	11.51	91	920525	52.107	ug/l	100
83) tert-Butylbenzene	11.76	119	912945	51.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	987520	52.502	ug/l	99
85) sec-Butylbenzene	11.94	105	1151833	53.358	ug/l	100
86) p-Isopropyltoluene	12.06	119	1067866	53.529	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	540647	49.562	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	544206	49.804	ug/l	100
89) n-Butylbenzene	12.38	91	947061	54.507	ug/l	100
90) Hexachloroethane	12.59	117	191406	51.655	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	538784	49.730	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78981	45.569	ug/l	97

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ClientSampleId :
VSTDCCC050

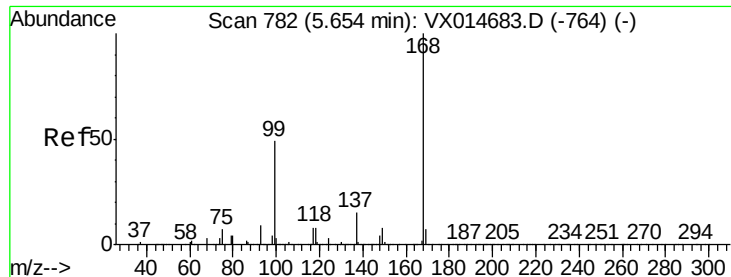
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373428	53.461	ug/l	98
94) Hexachlorobutadiene	13.77	225	184106	51.210	ug/l	97
95) Naphthalene	13.83	128	1082468	48.093	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	378281	53.559	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 469408

Ion Ratio Lower Upper

168 100

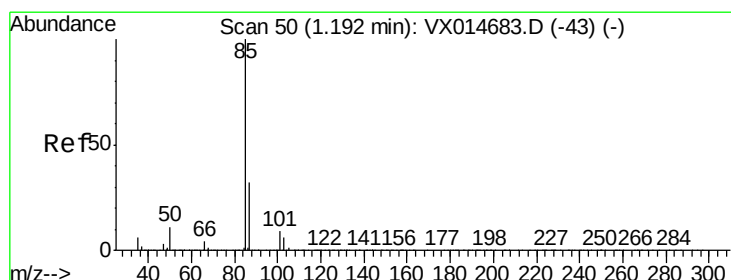
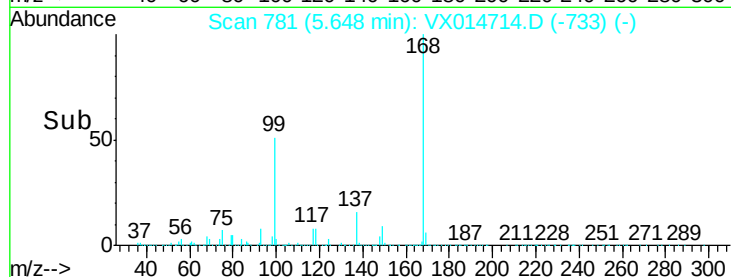
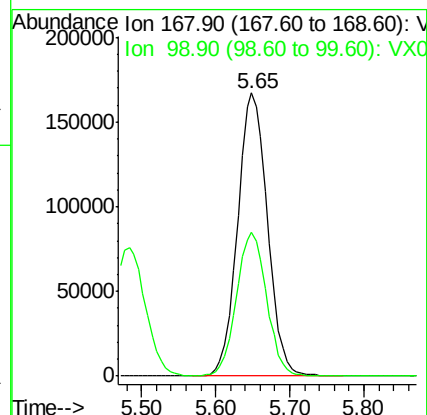
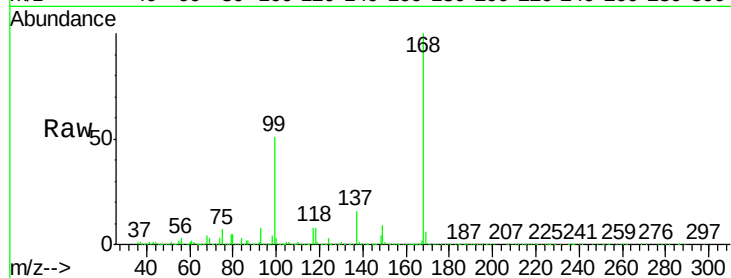
99 50.9 39.8 59.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.820 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014714.D

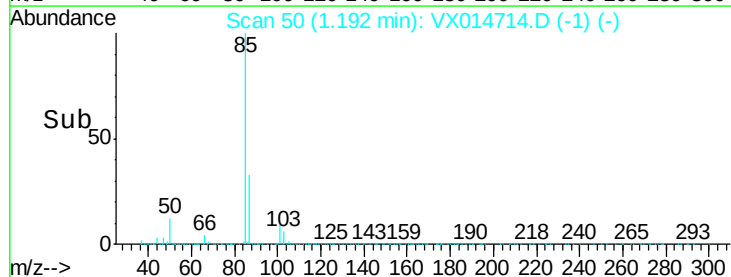
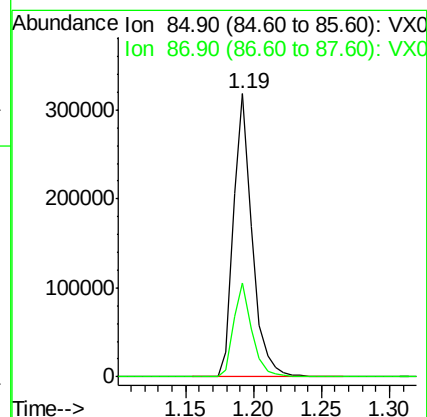
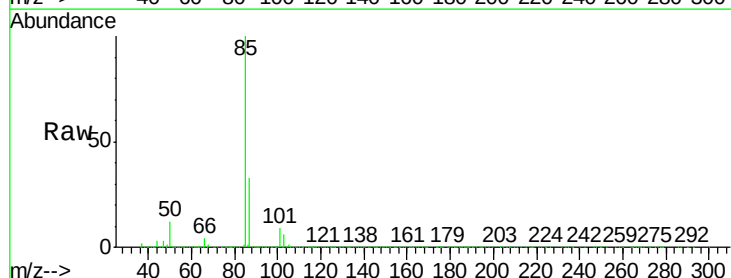
Acq: 27 Jan 2020 09:47

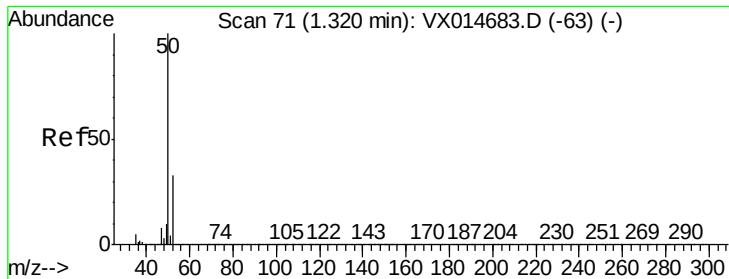
Tgt Ion: 85 Resp: 301148

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.5





#3

Chloromethane

Concen: 47.423 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 301147

Ion Ratio Lower Upper

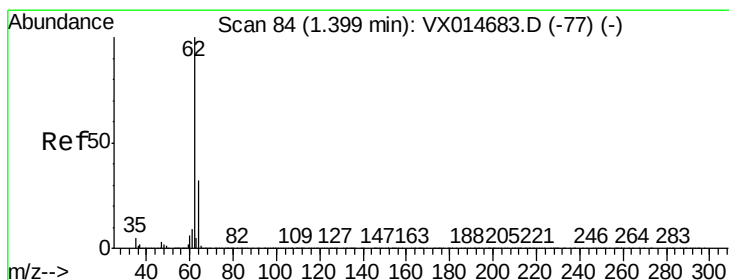
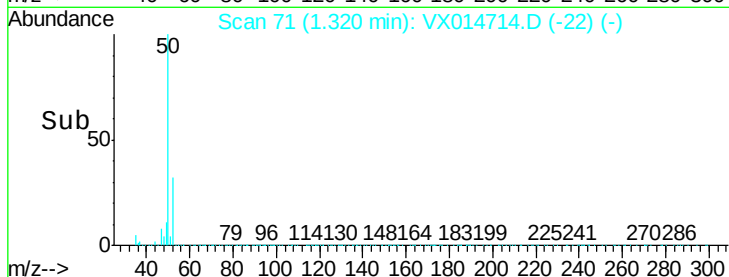
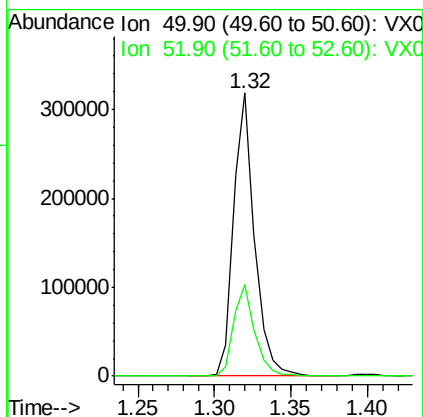
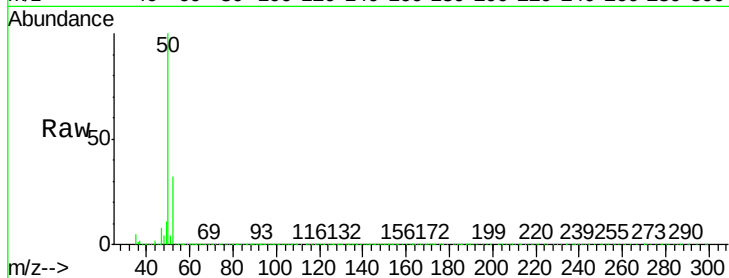
50 100

52 32.2 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.483 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014714.D

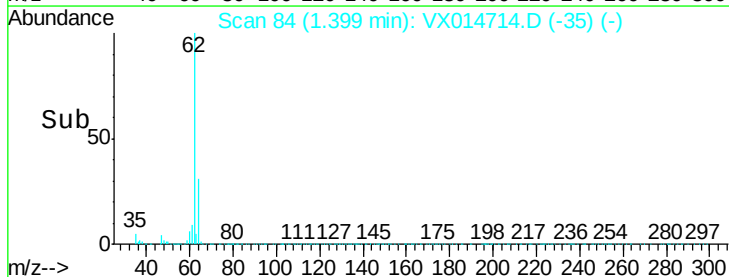
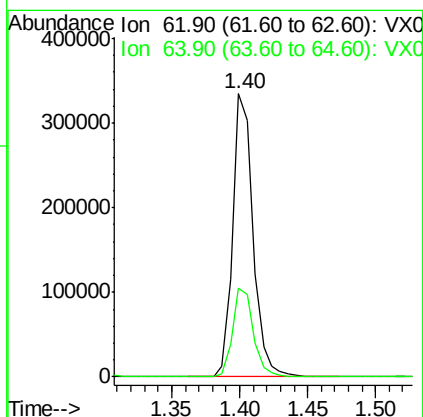
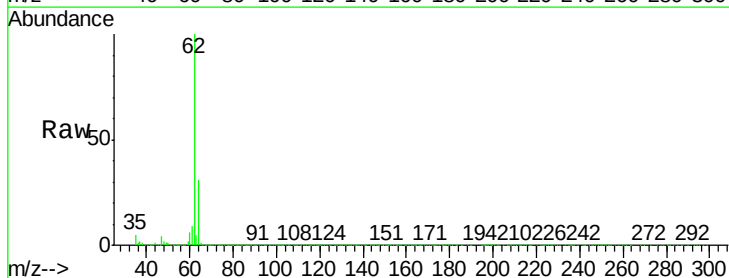
Acq: 27 Jan 2020 09:47

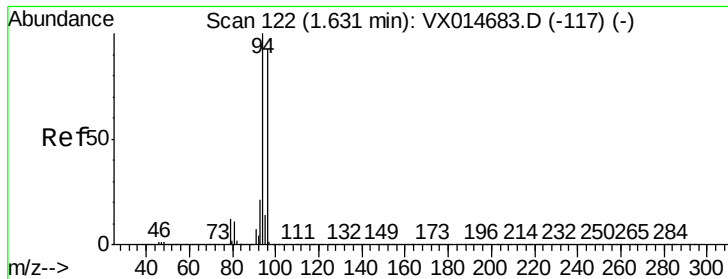
Tgt Ion: 62 Resp: 346622

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 44.646 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tot Ion: 94 Resp: 208217

Ion Ratio Lower Upper

94 100

96 93.1 74.7 112.1

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MSVOA_X

ClientSampleId :

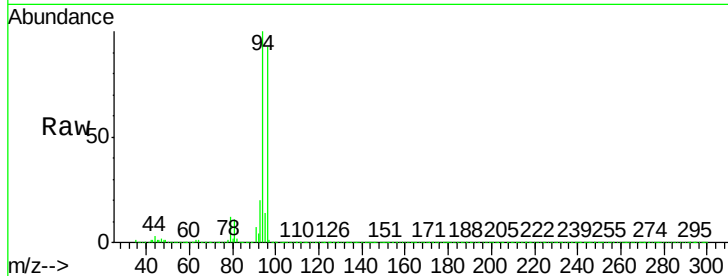
VSTDCCC050

Manual Integrations

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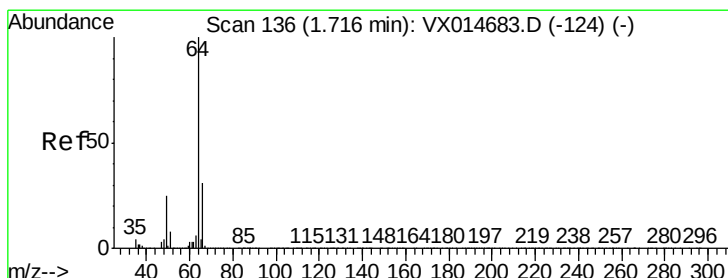
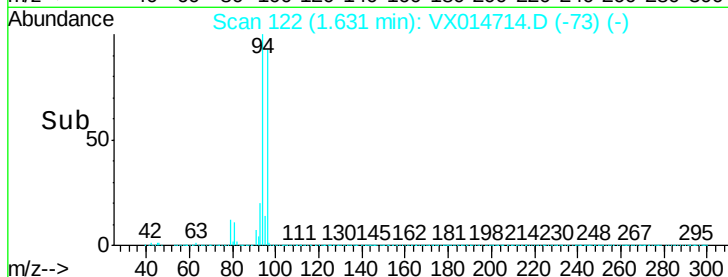
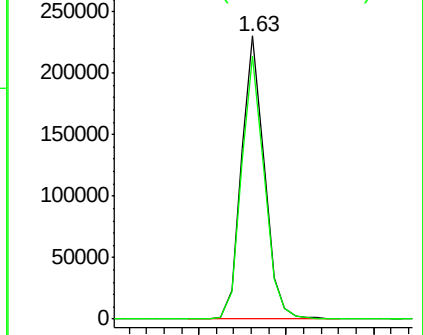
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.945 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014714.D

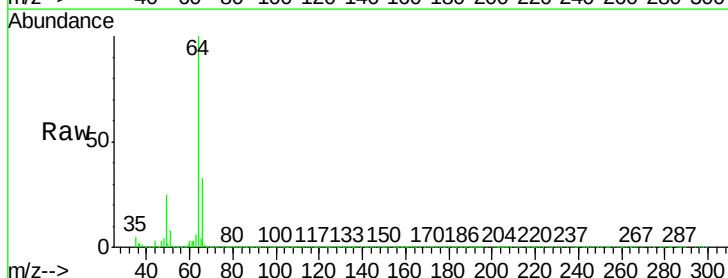
Acq: 27 Jan 2020 09:47

Tgt Ion: 64 Resp: 188566

Ion Ratio Lower Upper

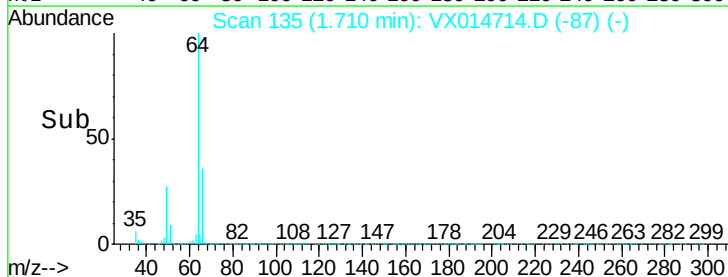
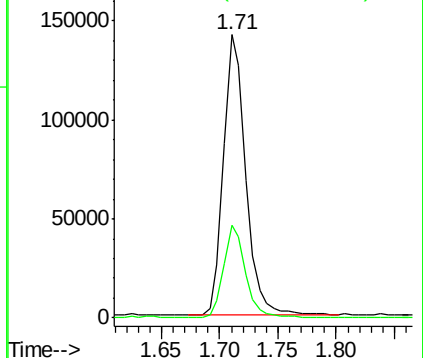
64 100

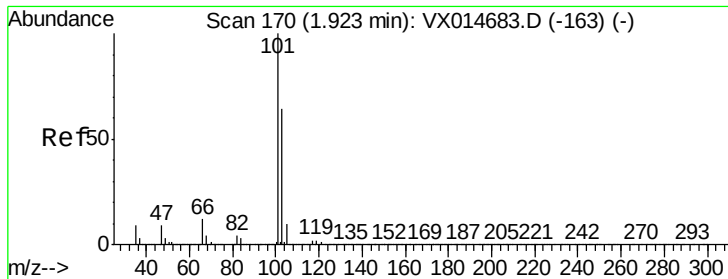
66 32.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

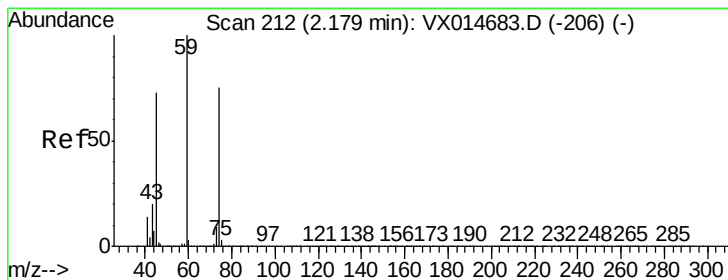
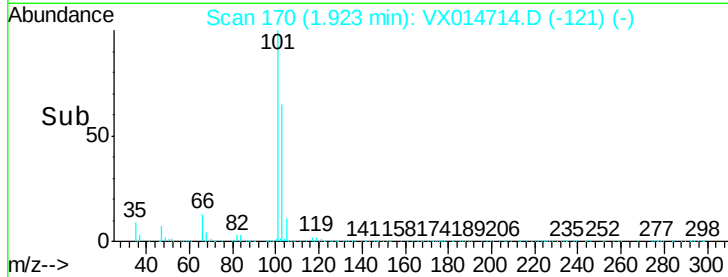
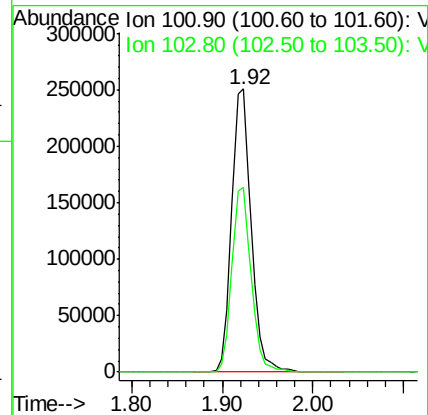
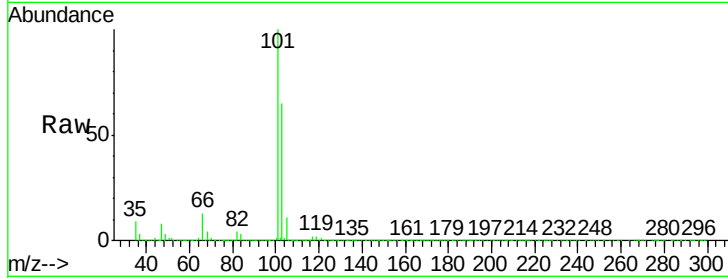
Trichlorofluoromethane
Concen: 46.835 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.0	76.6

Manual Integrations
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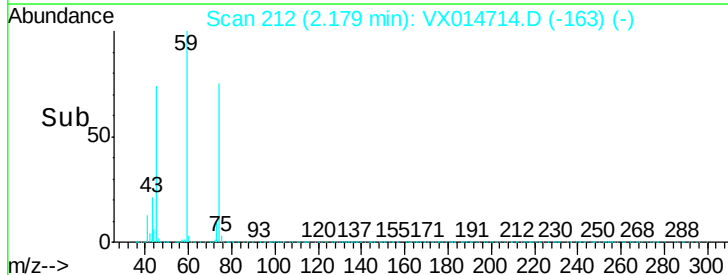
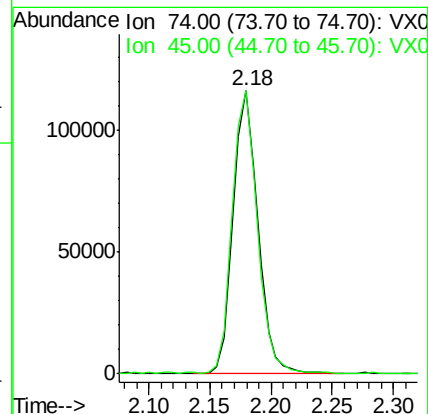
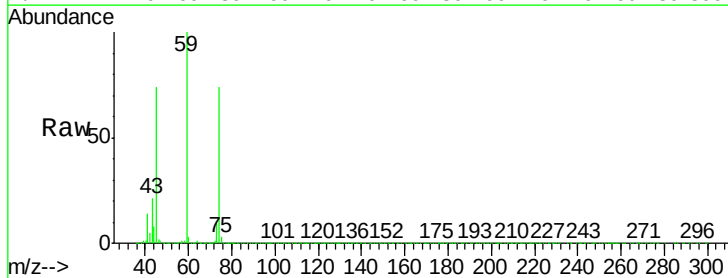
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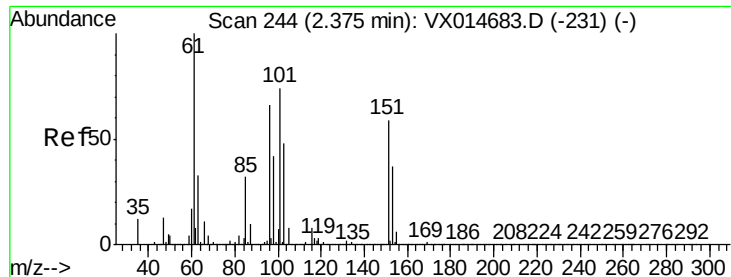


#8

Diethyl Ether
Concen: 46.452 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.578 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

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MSVOA_X

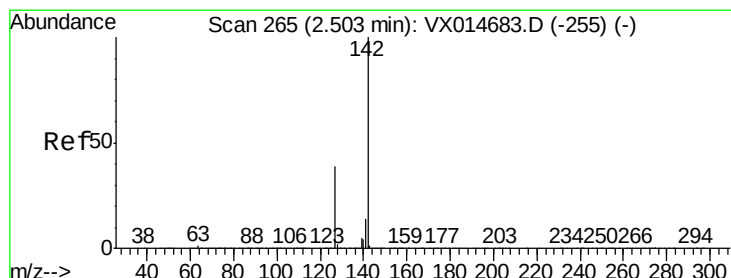
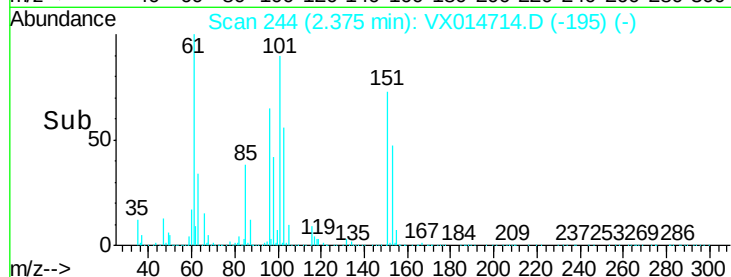
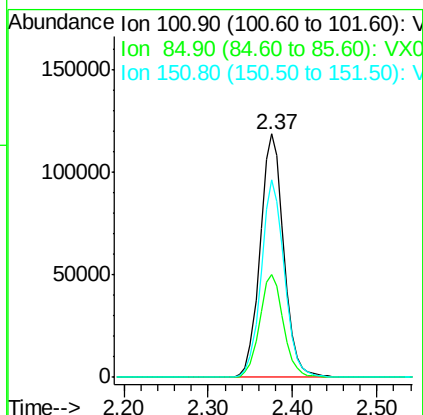
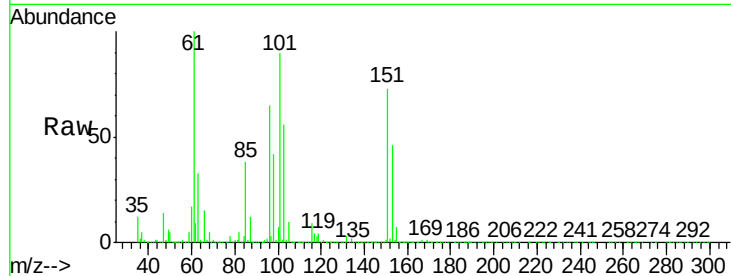
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	227991
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.7	52.1
151	80.2	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 49.752 ug/l

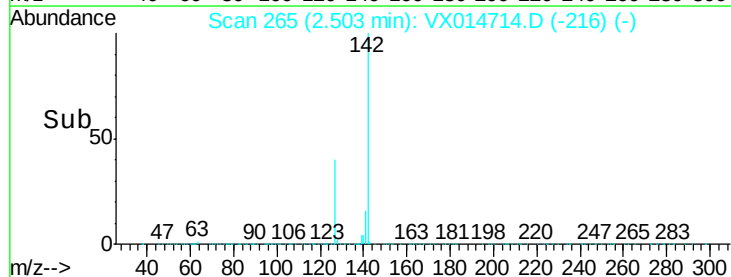
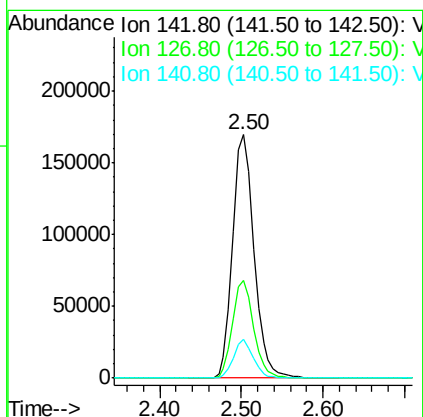
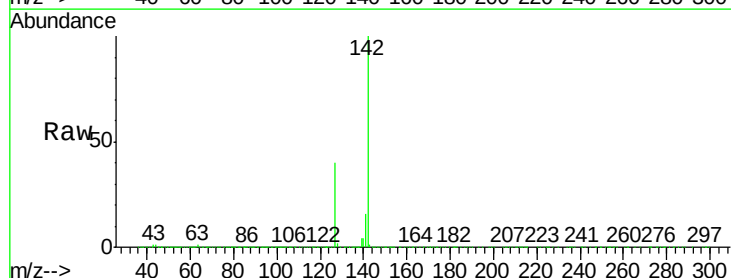
RT: 2.50 min Scan# 265

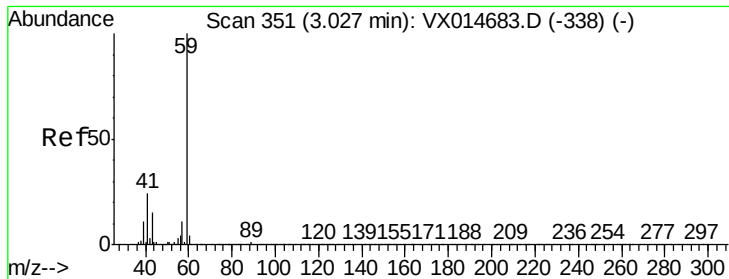
Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	142	Resp:	306391
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.1	46.7
141	15.0	11.3	16.9





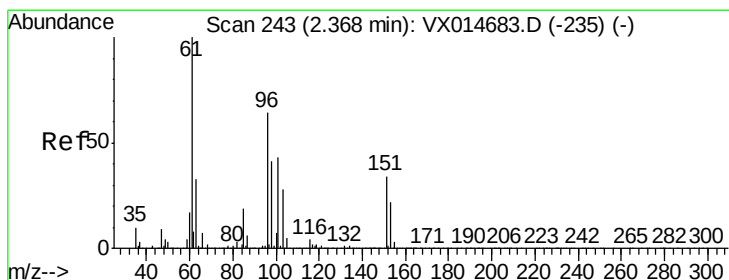
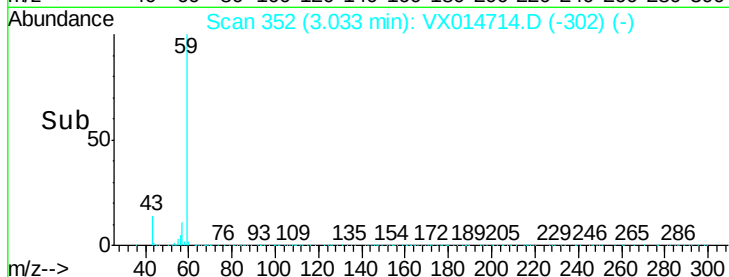
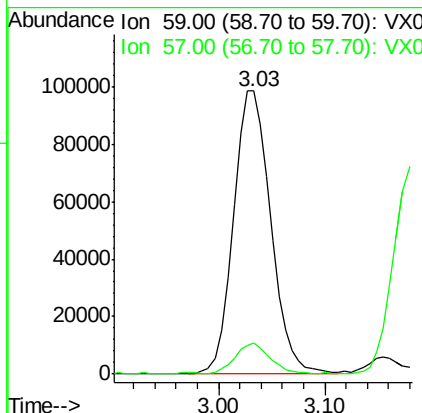
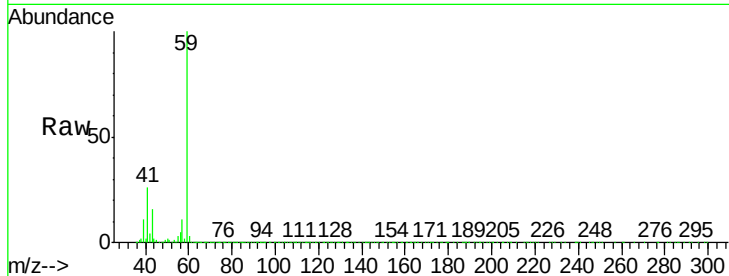
#11
Tert butyl alcohol
Concen: 195.140 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

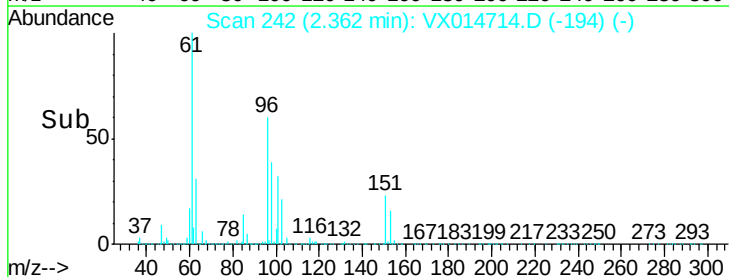
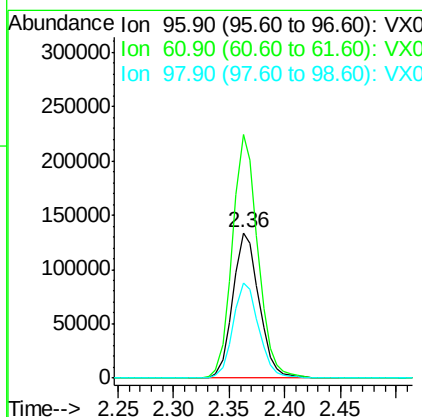
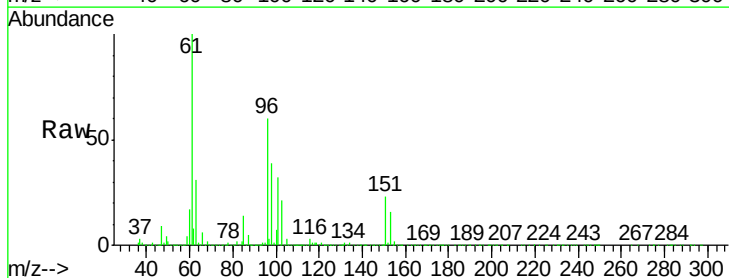
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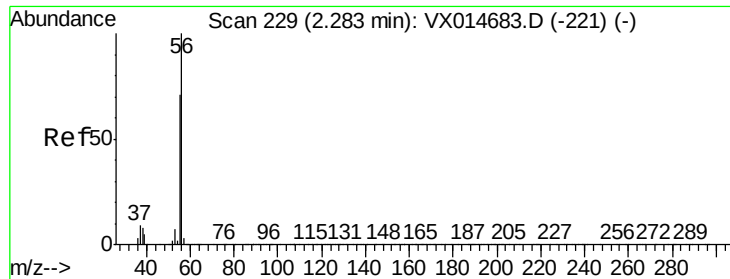
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#12
1,1-Dichloroethene
Concen: 46.599 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	125.8	188.8
98	65.5	51.5	77.3





#13

Acrolein

Concen: 494.857 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 480188

Ion Ratio Lower Upper

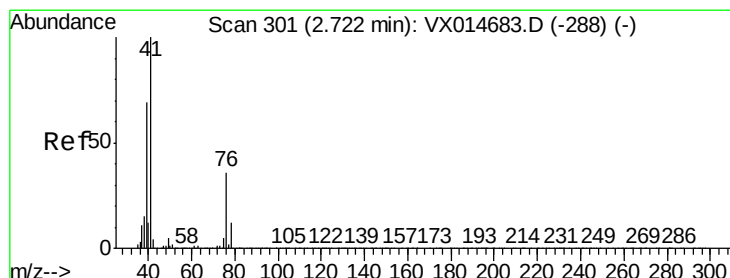
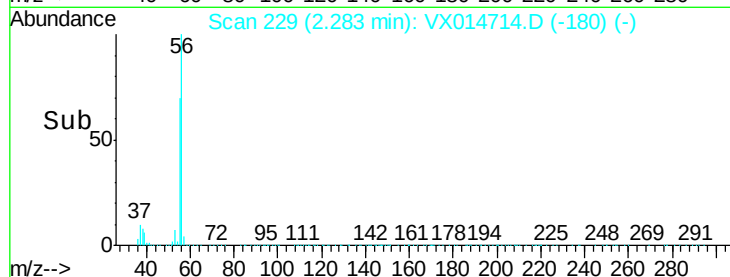
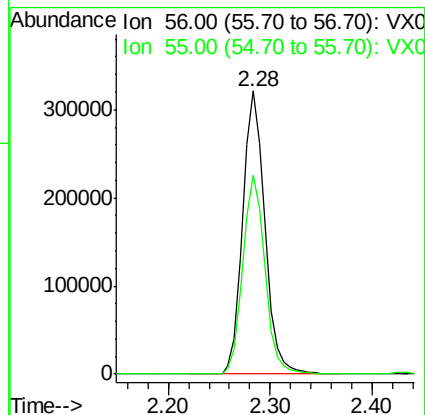
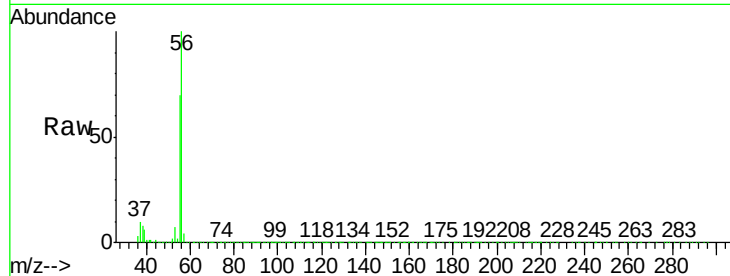
56 100

55 69.9 56.6 84.8

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#14

Allyl chloride

Concen: 48.831 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

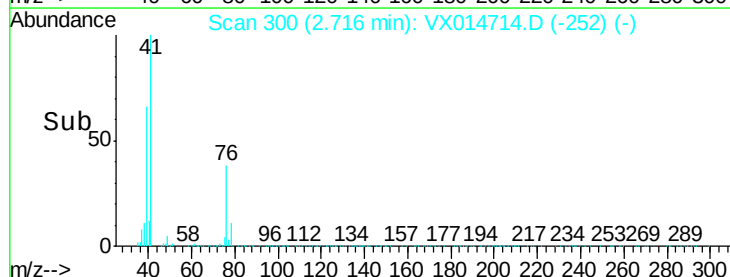
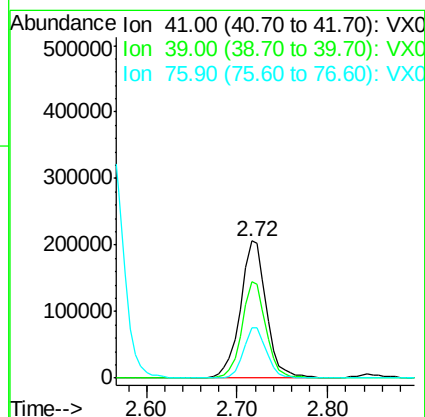
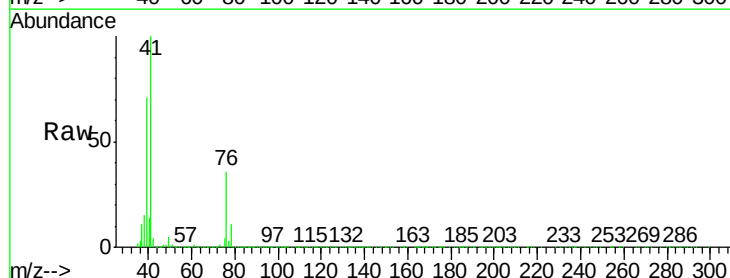
Tgt Ion: 41 Resp: 409568

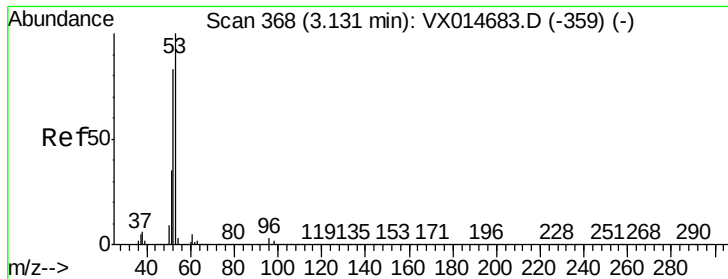
Ion Ratio Lower Upper

41 100

39 64.3 52.0 78.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 227.727 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

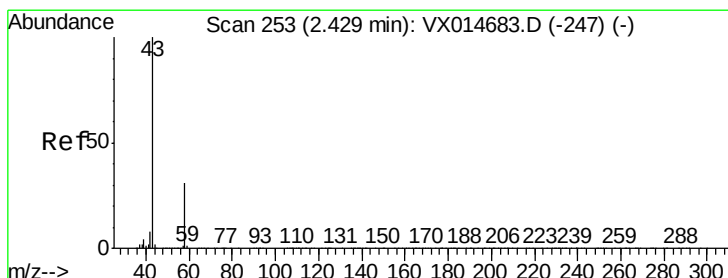
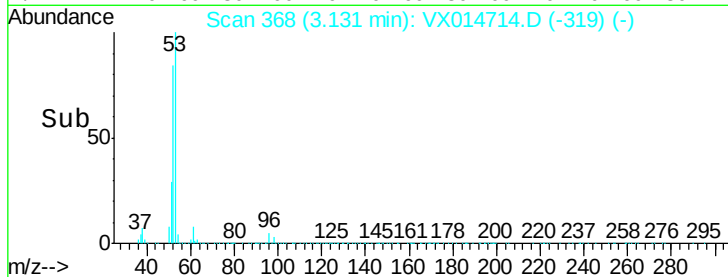
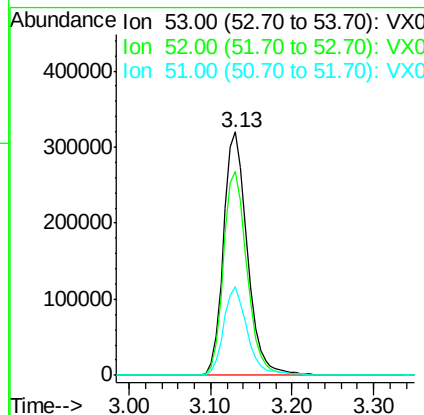
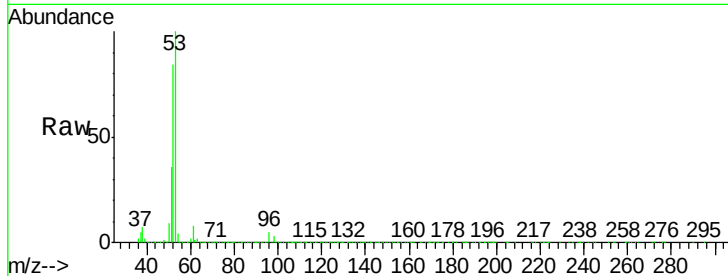
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	648451
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.4	99.6
51	36.0	28.7	43.1

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#16

Acetone

Concen: 276.363 ug/l

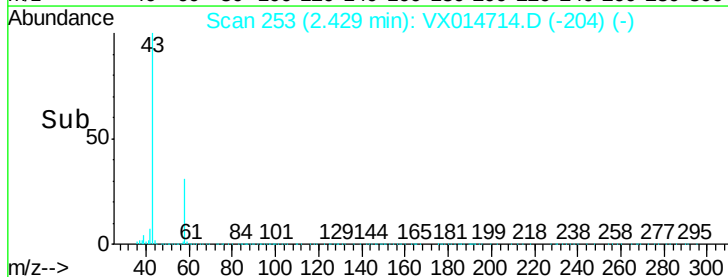
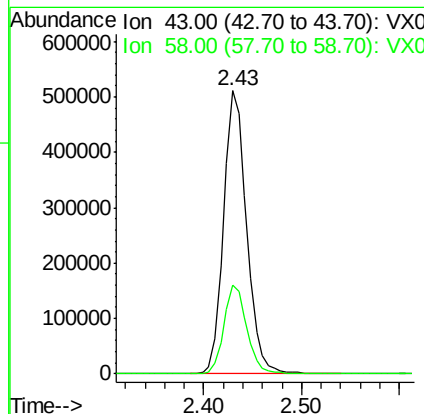
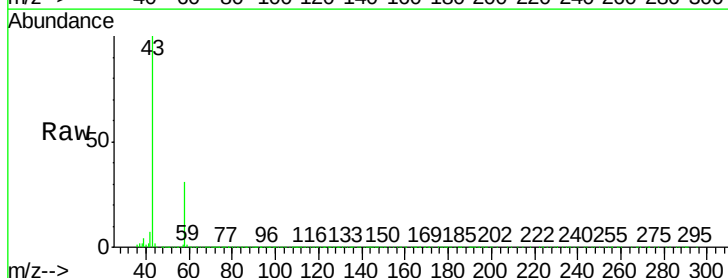
RT: 2.43 min Scan# 253

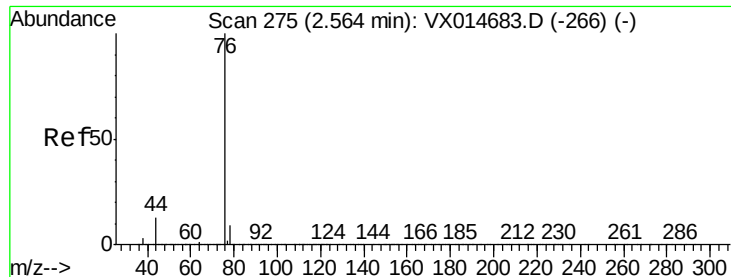
Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	43	Resp:	830316
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.5	36.7





#17

Carbon Disulfide

Concen: 47.401 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 604532

Ion Ratio Lower Upper

76 100

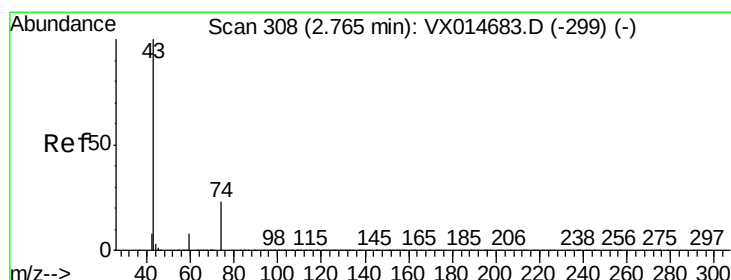
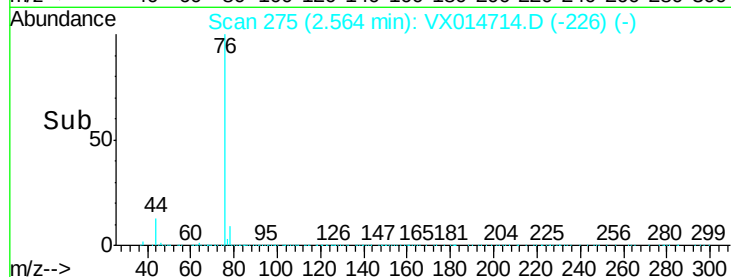
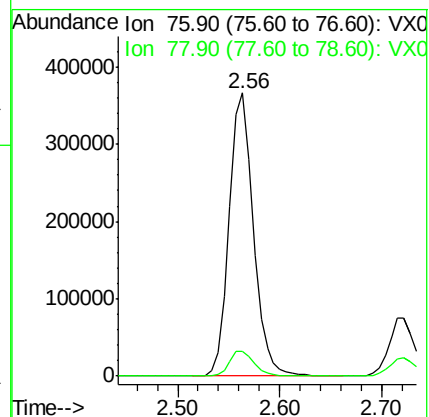
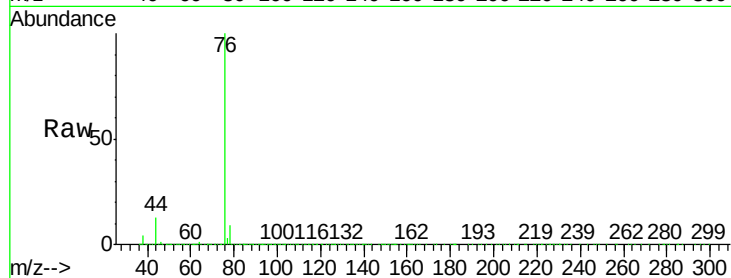
78 8.6 7.2 10.8

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#18

Methyl Acetate

Concen: 46.078 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014714.D

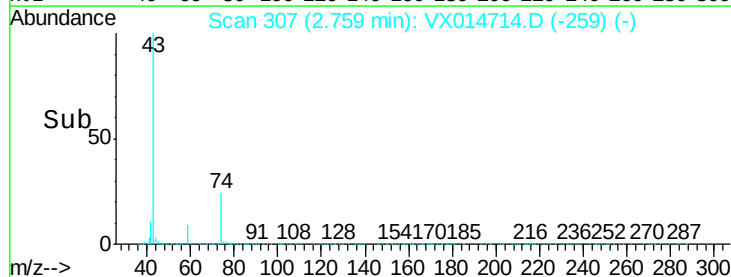
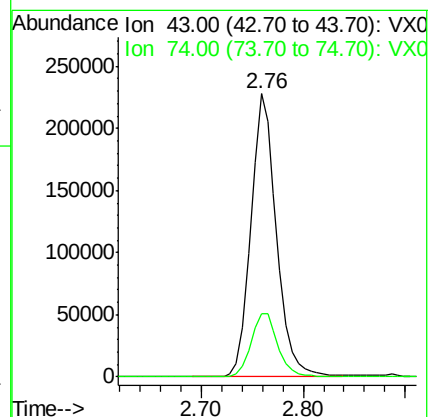
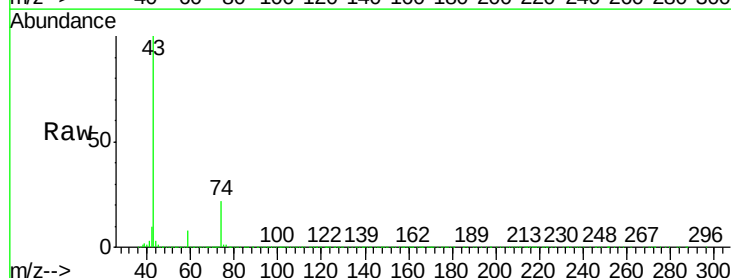
Acq: 27 Jan 2020 09:47

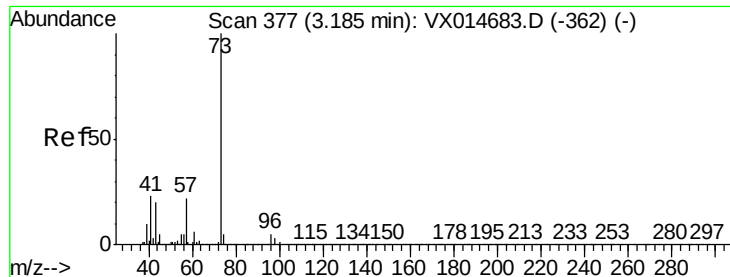
Tgt Ion: 43 Resp: 395141

Ion Ratio Lower Upper

43 100

74 23.7 18.5 27.7





#19

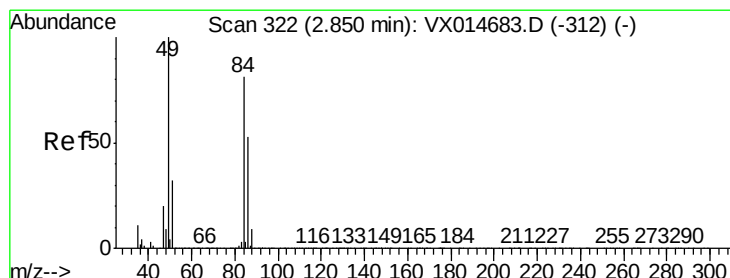
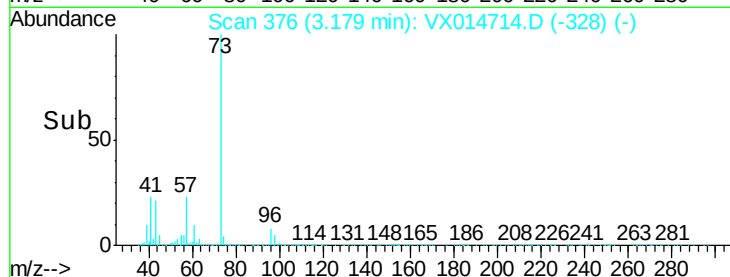
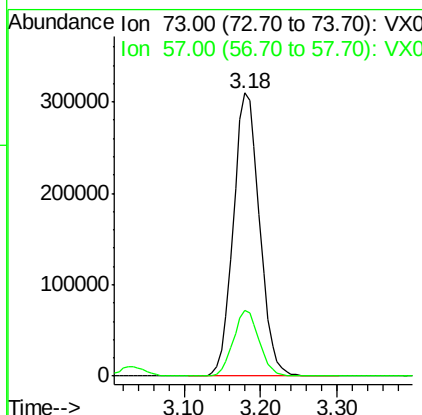
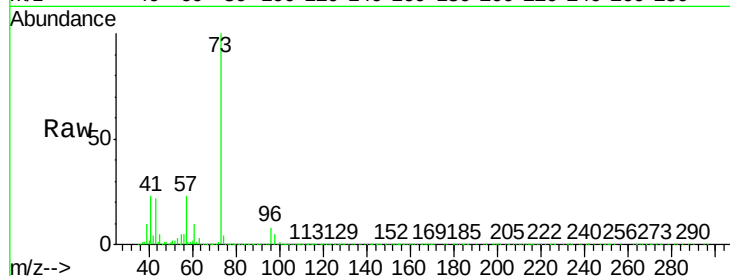
Methyl tert-butyl Ether
 Concen: 47.952 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.0	27.0

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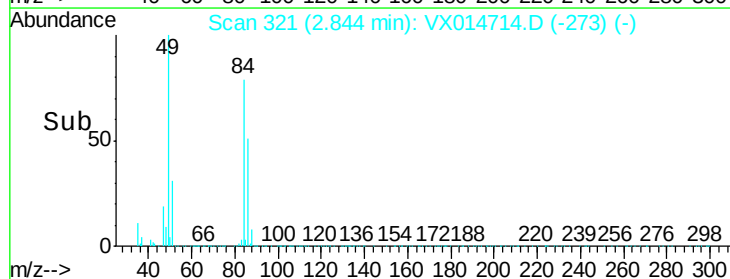
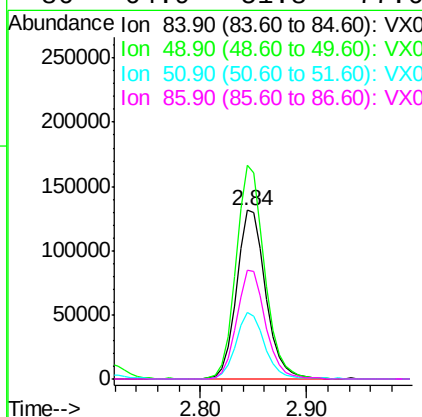
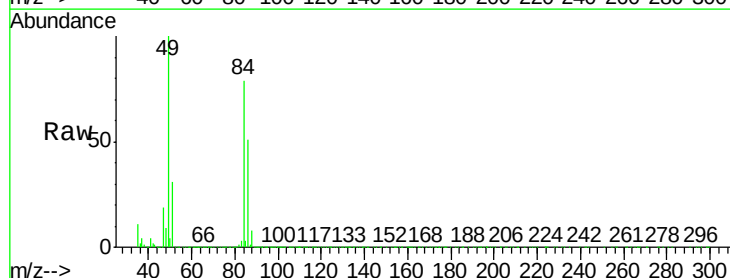
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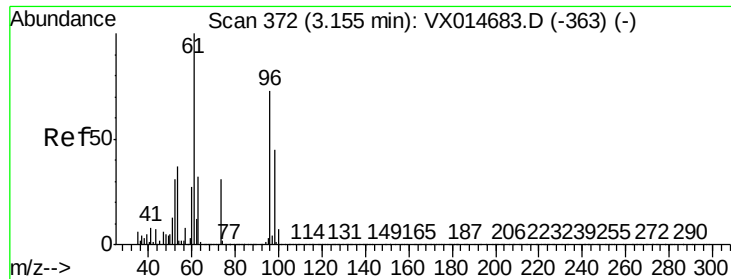


#20

Methylene Chloride
 Concen: 45.225 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.9	98.2	147.4
51	39.7	31.3	46.9
86	64.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 46.294 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

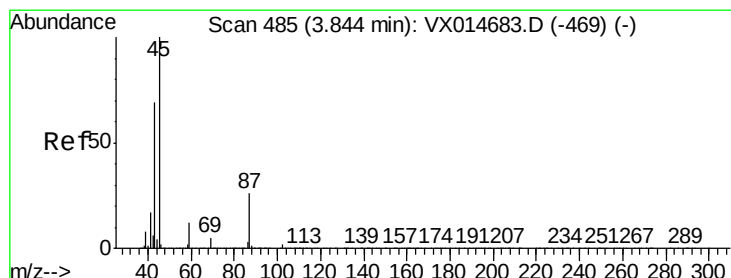
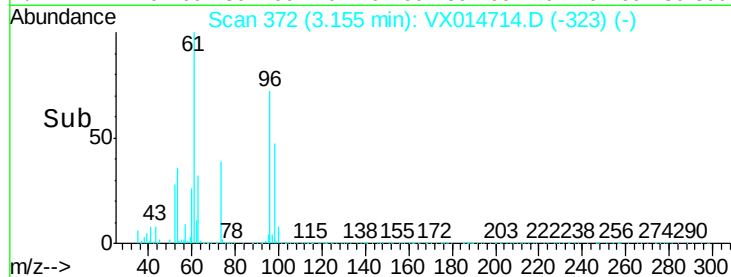
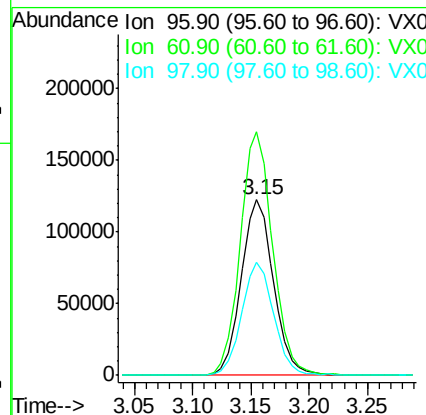
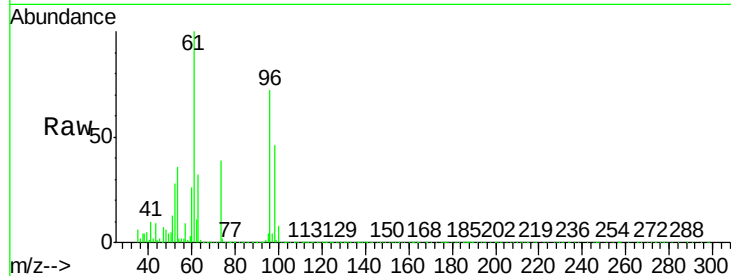
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	237853
Ion	Ratio	Lower	Upper
96	100		
61	138.5	109.8	164.6
98	64.3	49.6	74.4

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#22

Diisopropyl ether

Concen: 49.272 ug/l

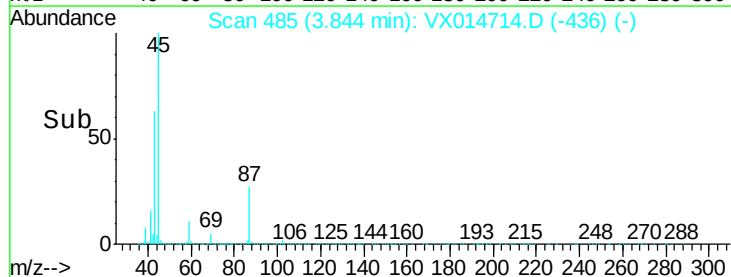
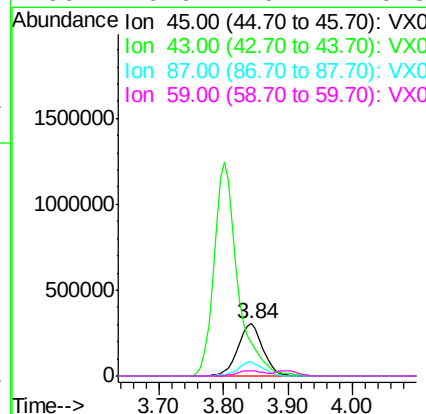
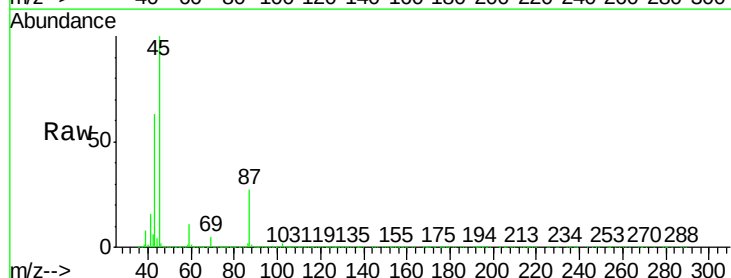
RT: 3.84 min Scan# 485

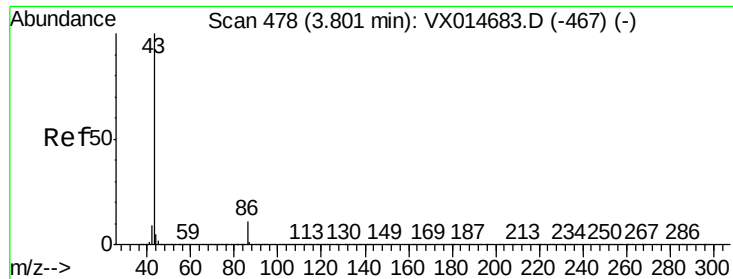
Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	45	Resp:	822208
Ion	Ratio	Lower	Upper
45	100		
43	63.1	55.1	82.7
87	26.9	20.7	31.1
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 251.901 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tot Ion: 43 Resp: 3204312

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6

Instrument :

MSVOA_X

ClientSampleId :

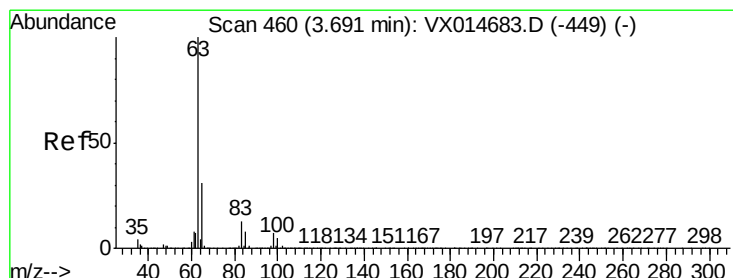
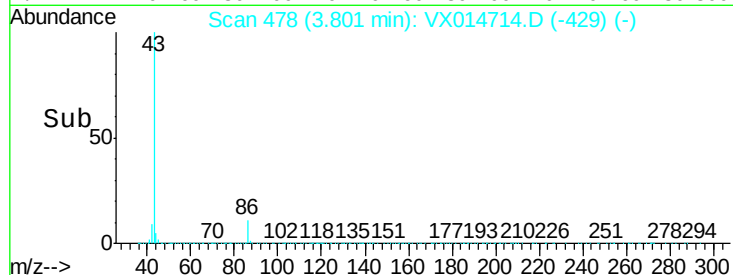
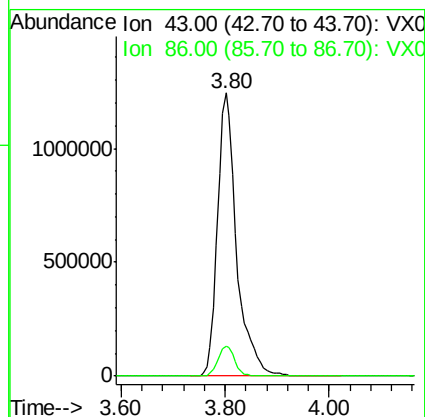
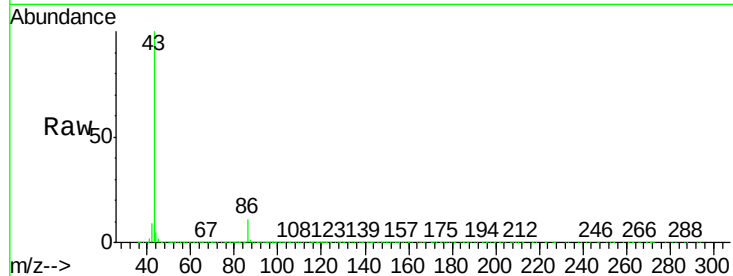
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 47.983 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

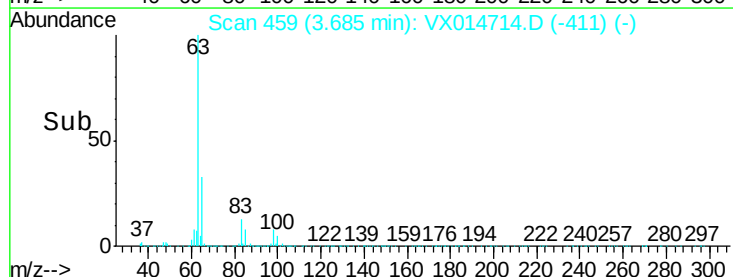
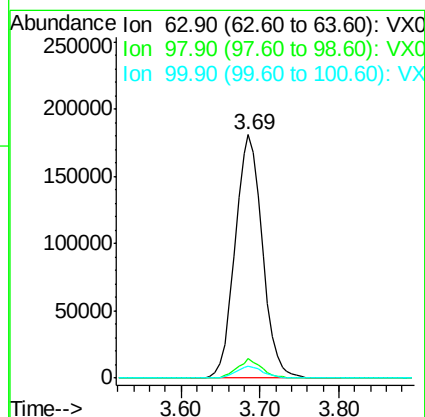
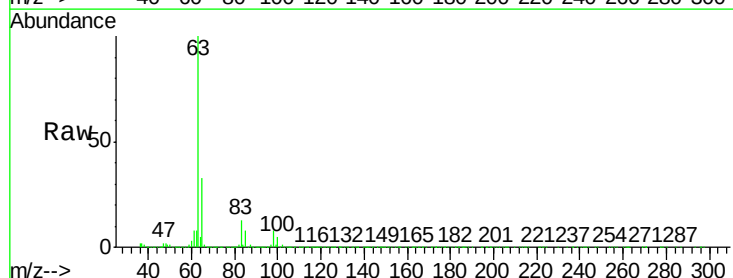
Tgt Ion: 63 Resp: 434838

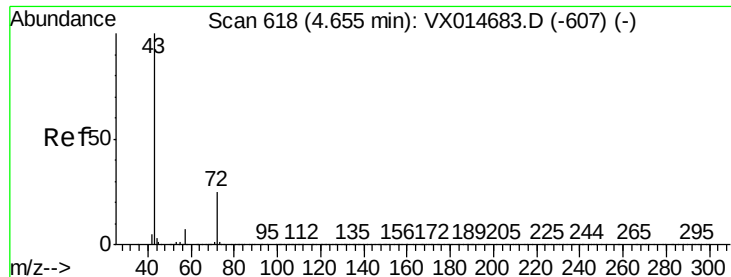
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 244.463 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1052259

Ion Ratio Lower Upper

43 100

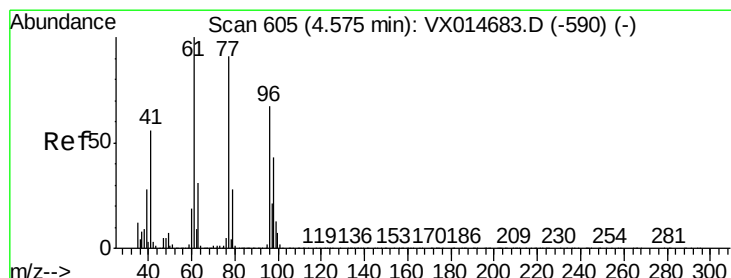
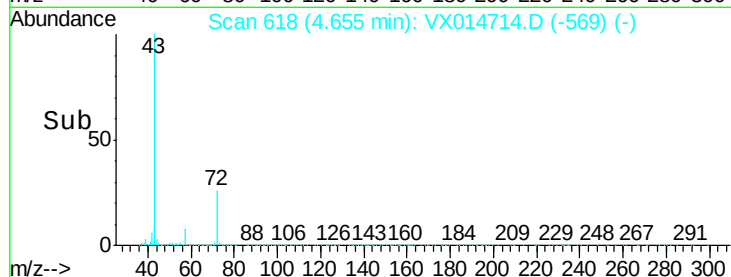
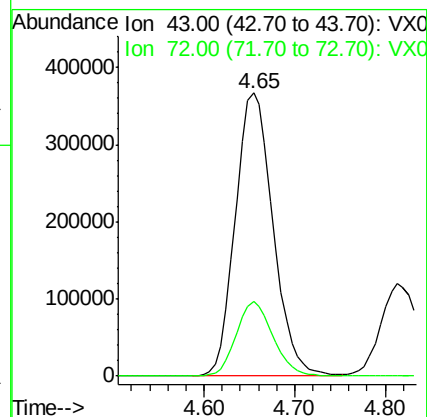
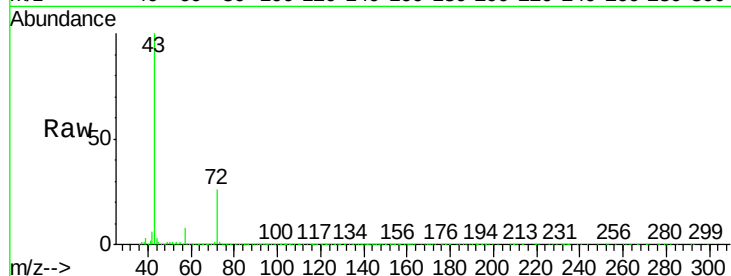
72 26.3 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 49.373 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014714.D

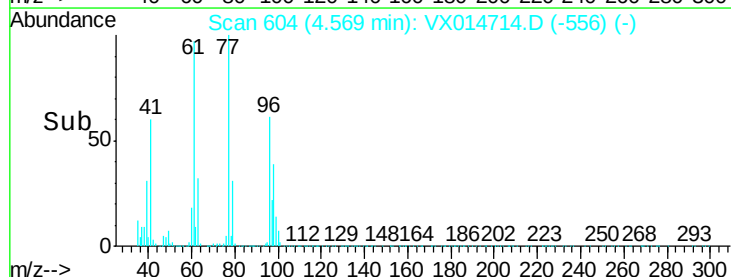
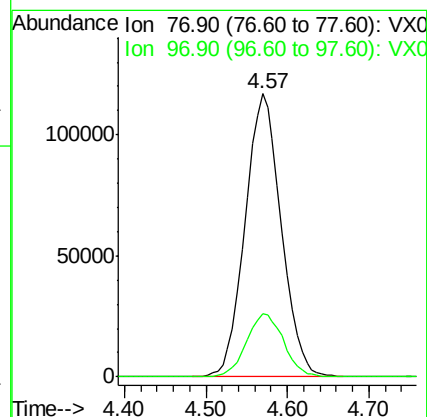
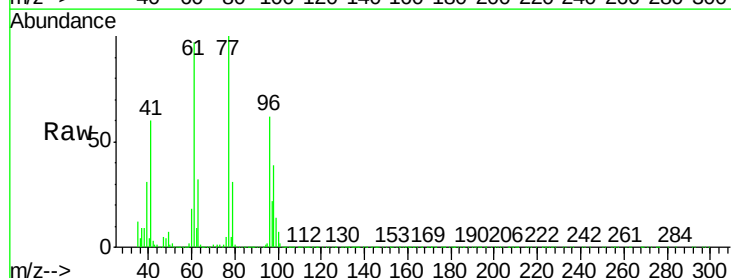
Acq: 27 Jan 2020 09:47

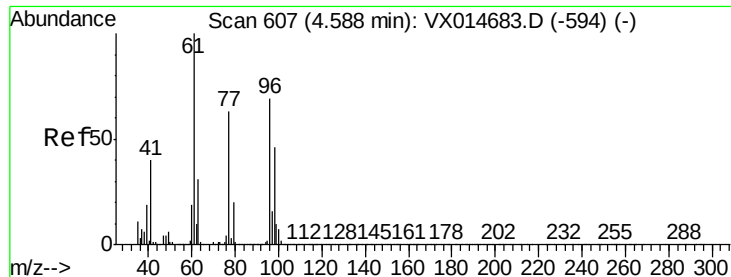
Tgt Ion: 77 Resp: 358136

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3





#27

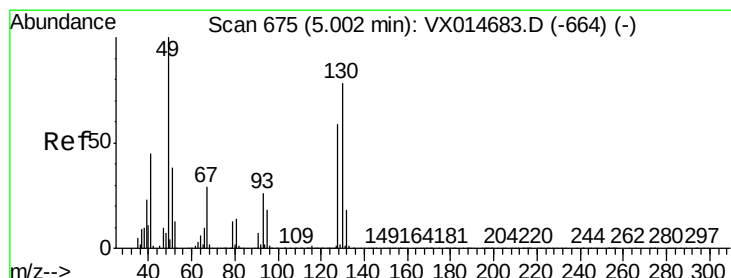
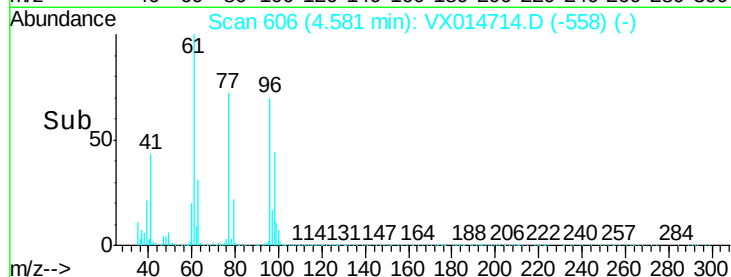
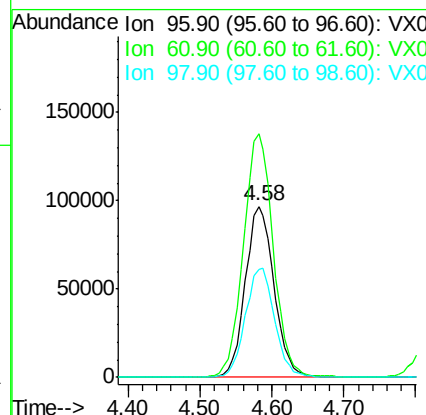
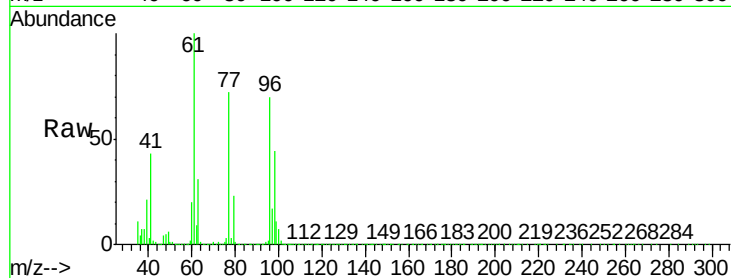
cis-1,2-Dichloroethene
Concen: 46.524 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	267527		
61	147.5	0.0	291.0	
98	64.9	0.0	129.8	

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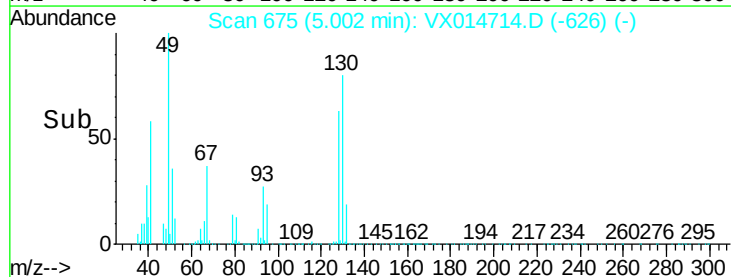
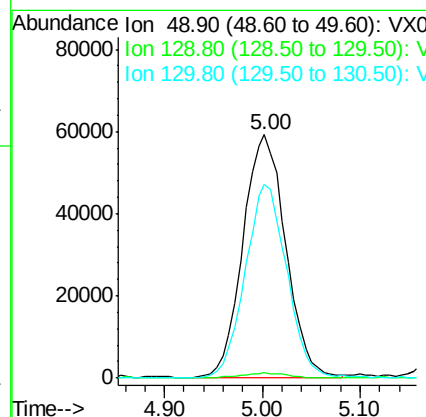
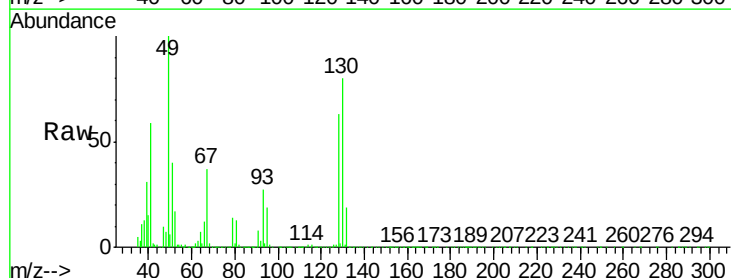
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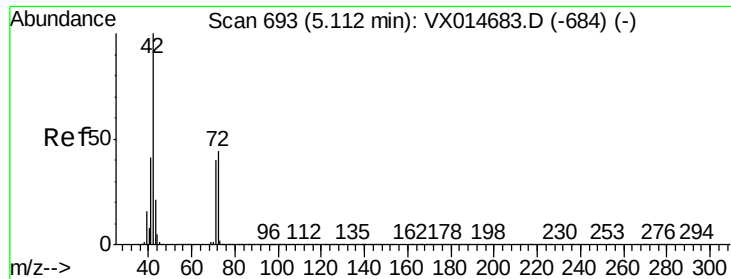


#28

Bromochloromethane
Concen: 45.443 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	180968		
129	2.3	0.0	4.8	
130	77.6	62.4	93.6	





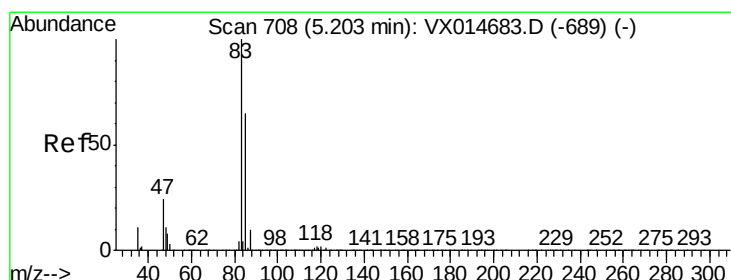
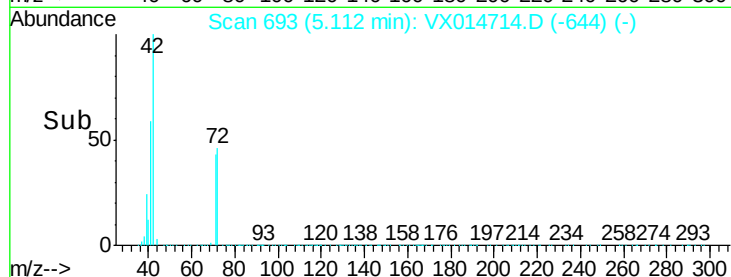
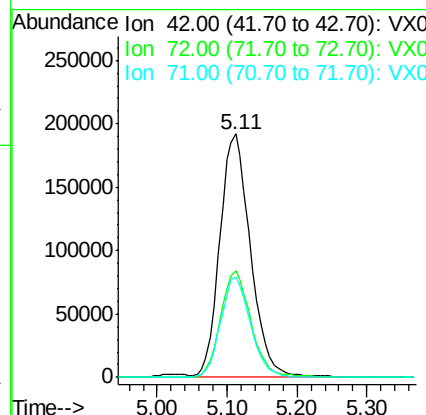
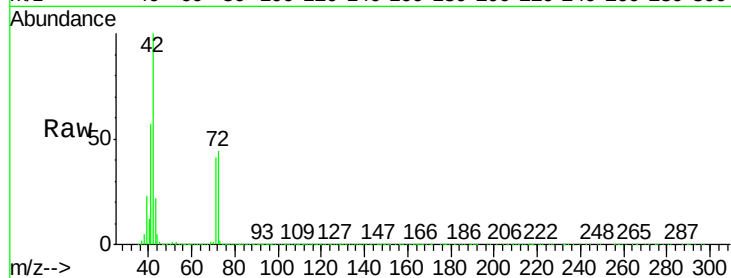
#29
Tetrahydrofuran
Concen: 227.223 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.3	52.9
71	40.5	33.1	49.7

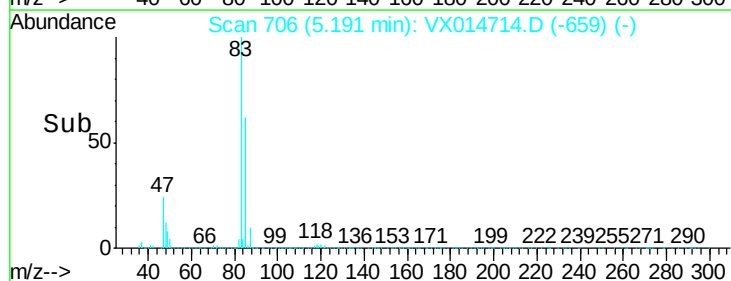
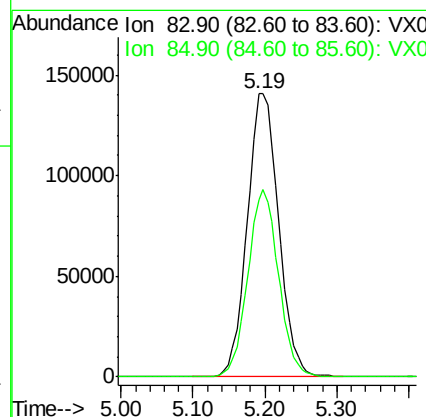
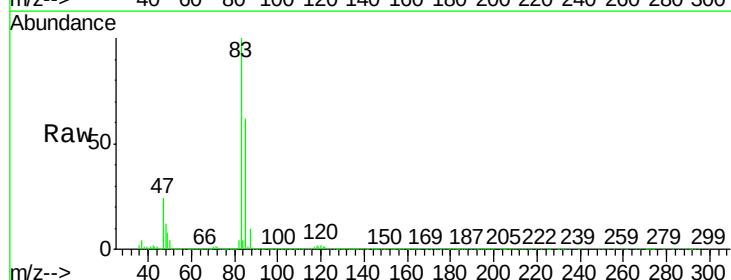
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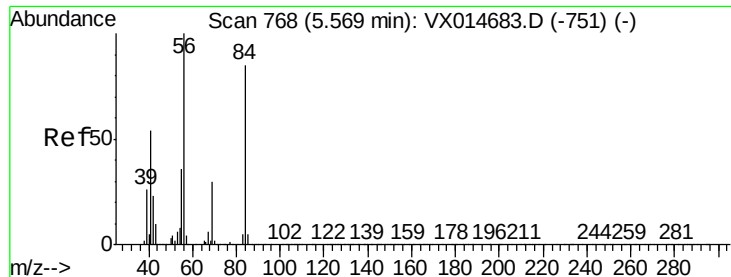
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#30
Chloroform
Concen: 47.582 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.7	77.5





#31

Cyclohexane

Concen: 48.268 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

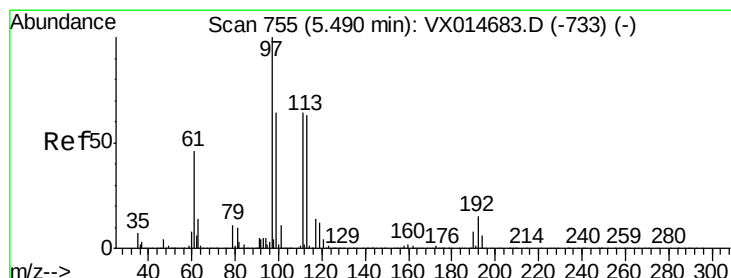
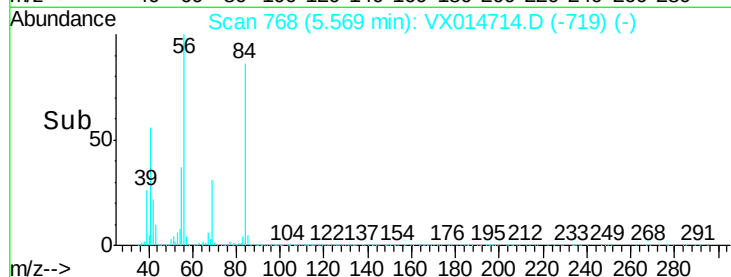
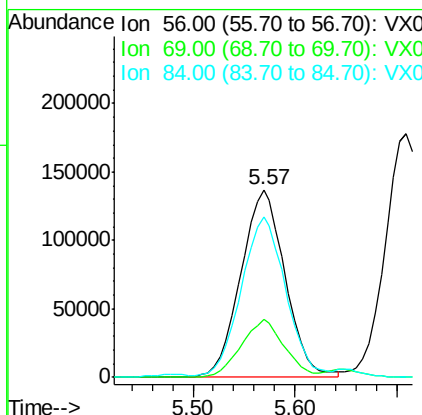
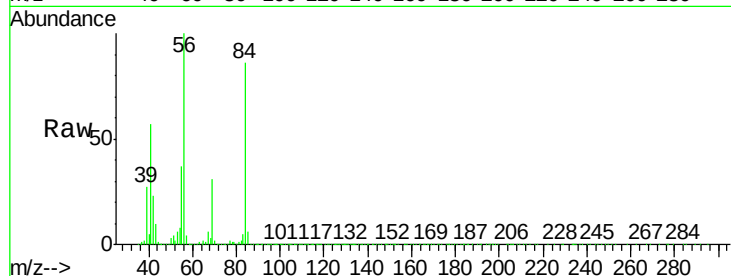
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	411416
Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.4	35.2
84	84.8	68.4	102.6

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#32

1,1,1-Trichloroethane

Concen: 47.580 ug/l

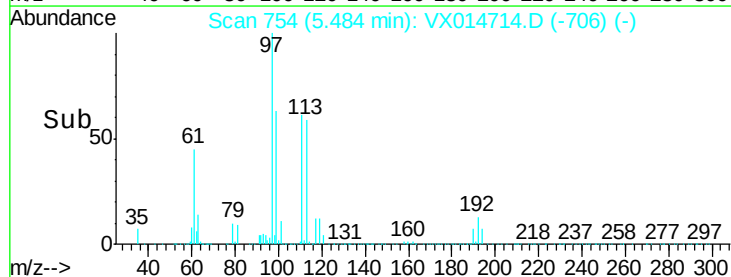
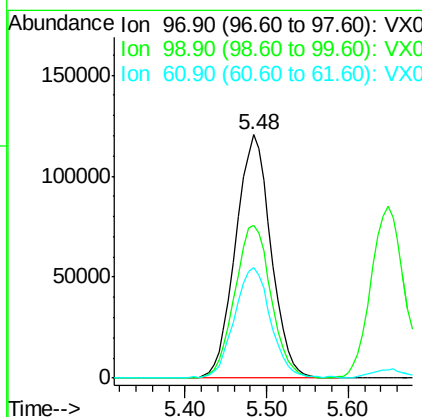
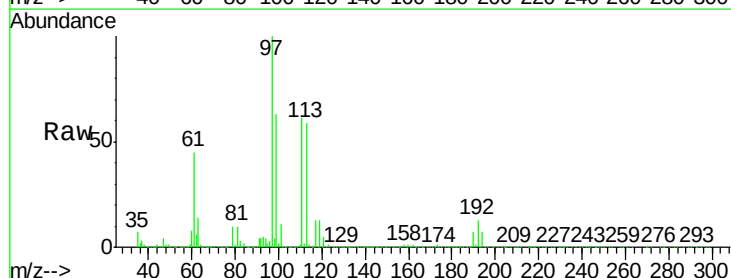
RT: 5.48 min Scan# 754

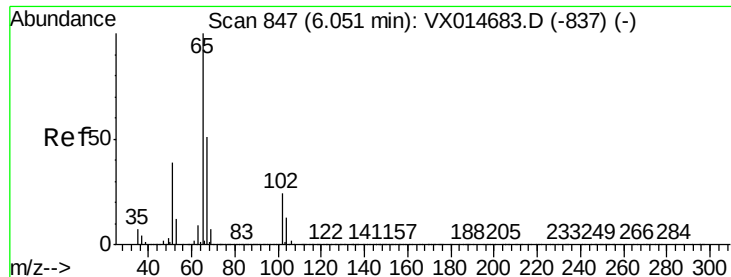
Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	97	Resp:	361049
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.3	78.5
61	46.3	37.2	55.8





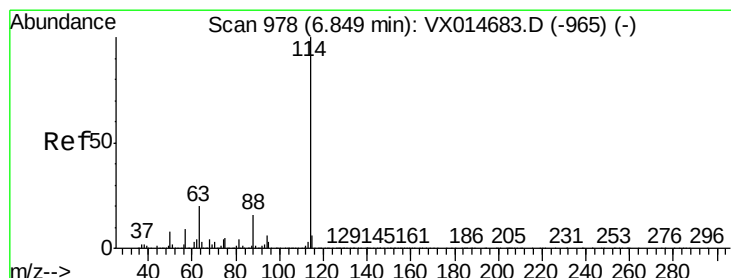
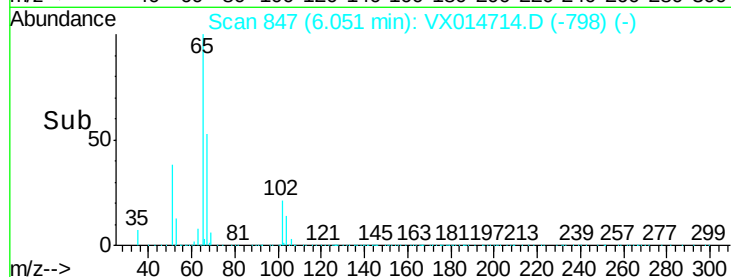
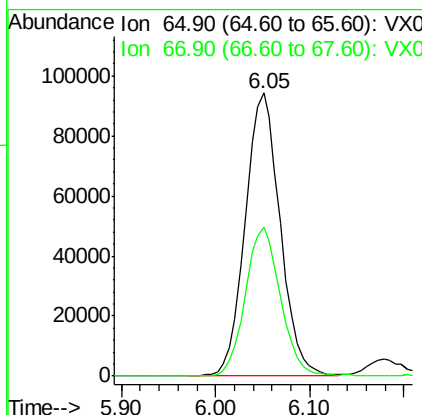
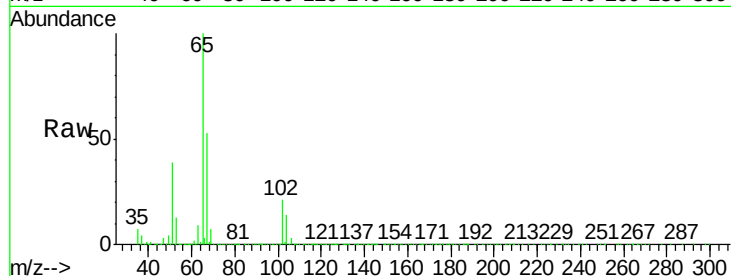
#33
 1,2-Dichloroethane-d4
 Concen: 44.581 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.4

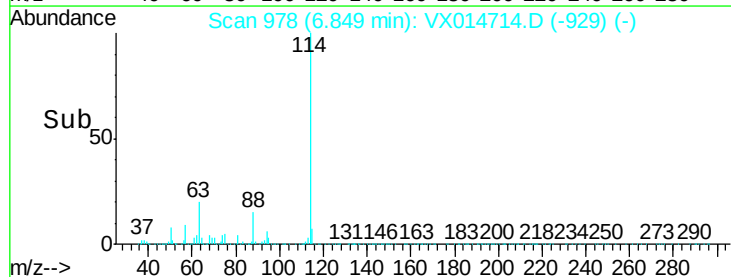
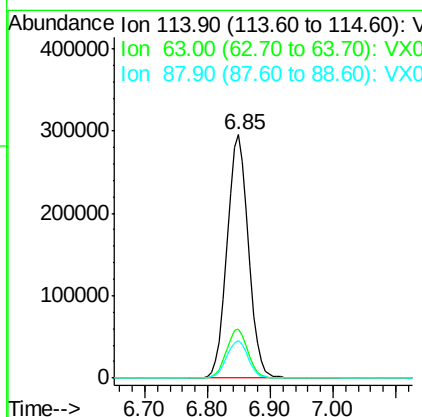
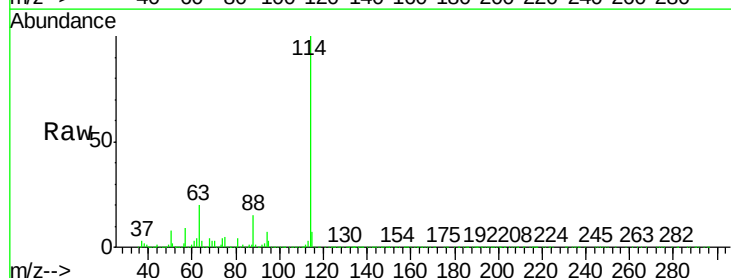
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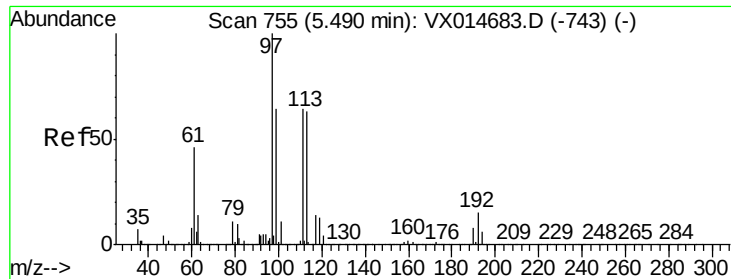
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	15.4	0.0	31.2





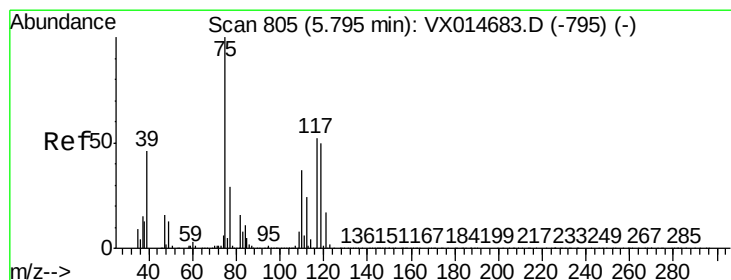
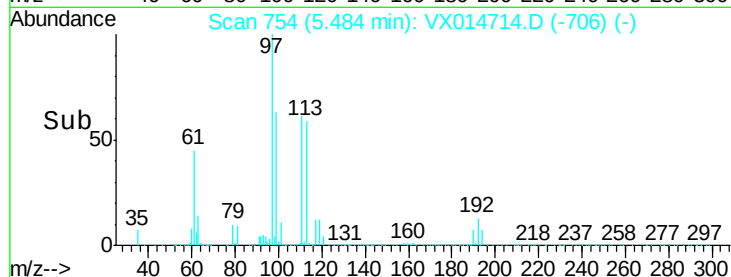
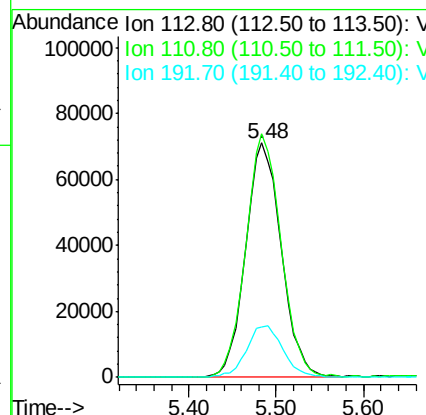
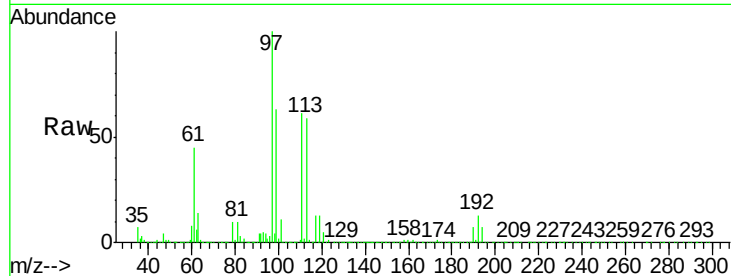
#35
Dibromofluoromethane
Concen: 45.865 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	22.5	18.5	27.7

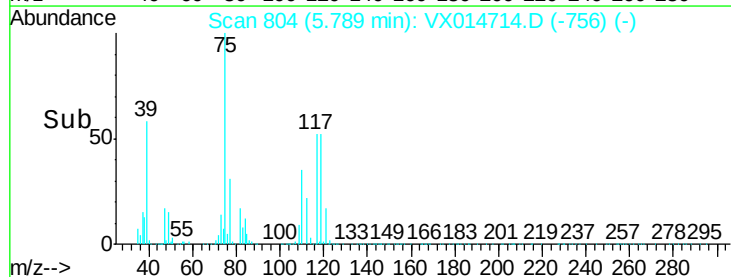
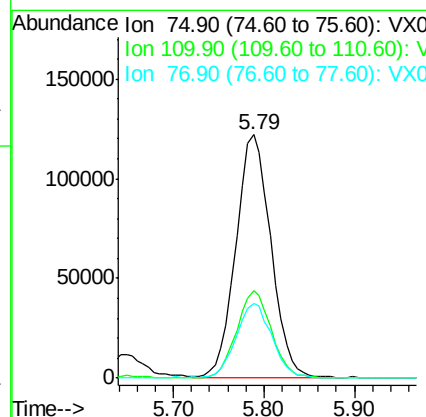
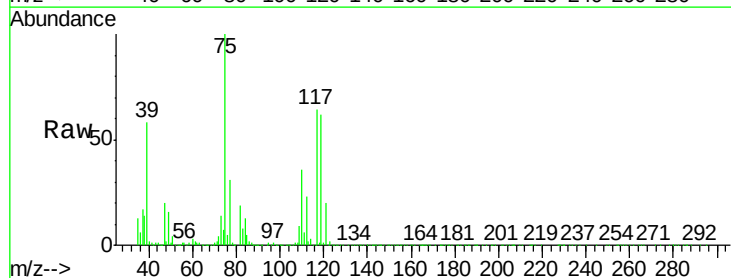
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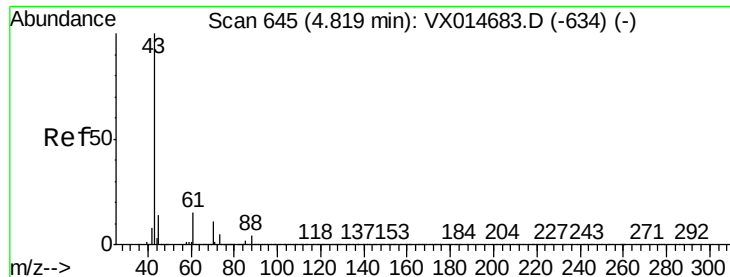
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#36
1,1-Dichloropropene
Concen: 50.241 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.7
77	30.7	24.1	36.1





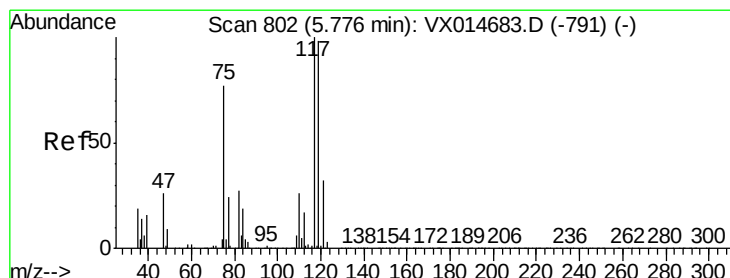
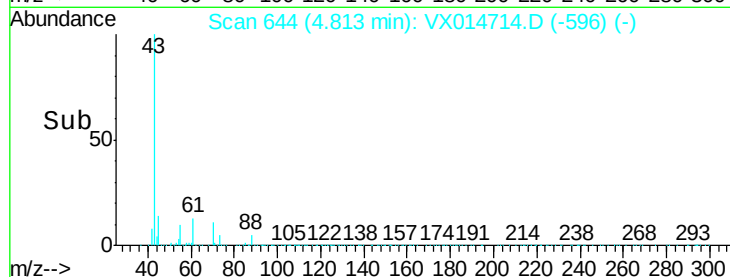
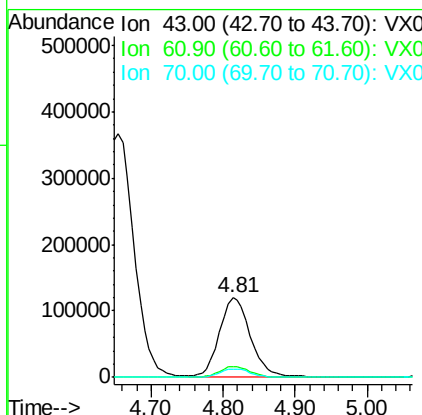
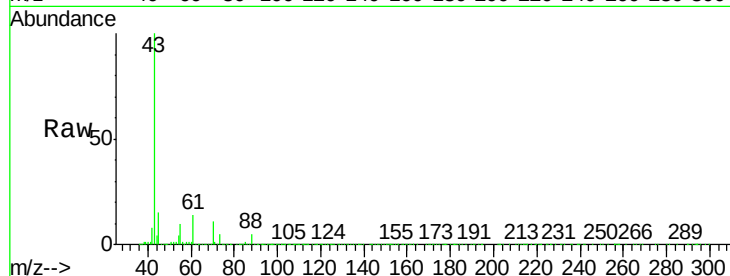
#37
Ethyl Acetate
Concen: 48.124 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.2	8.5	12.7

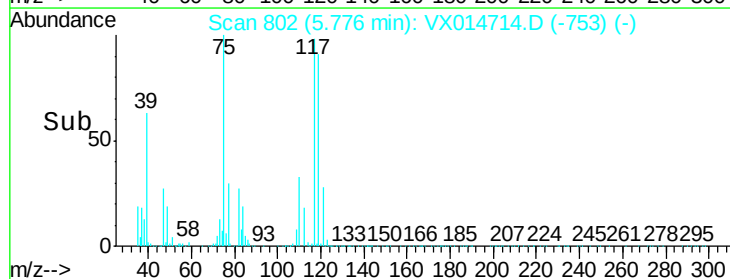
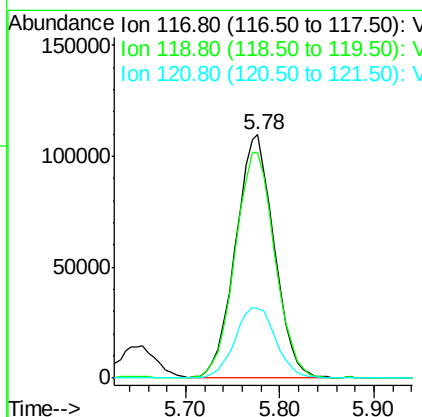
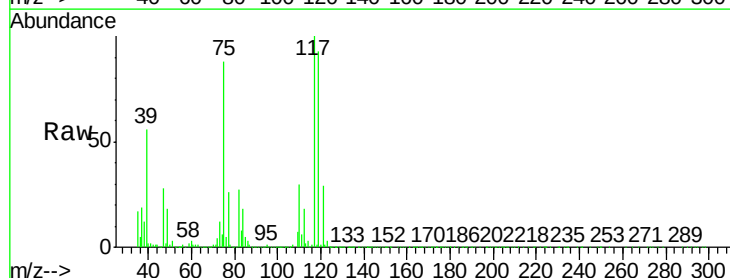
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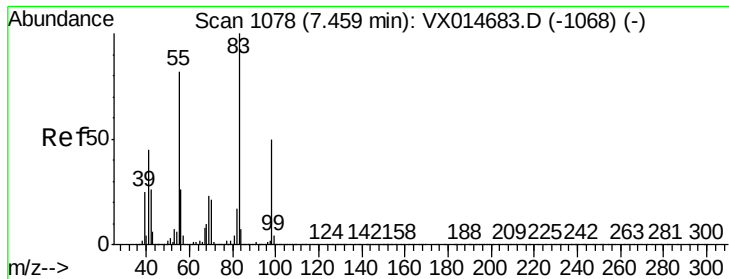
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#38
Carbon Tetrachloride
Concen: 50.628 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.9	116.9
121	28.6	25.4	38.2





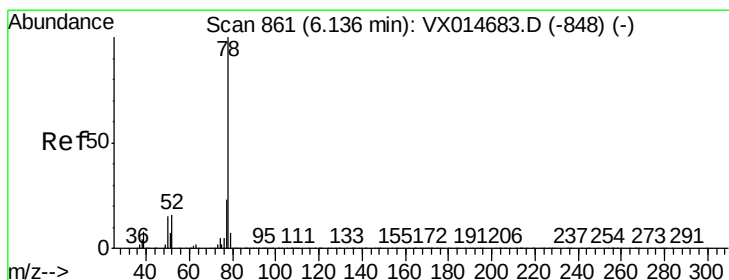
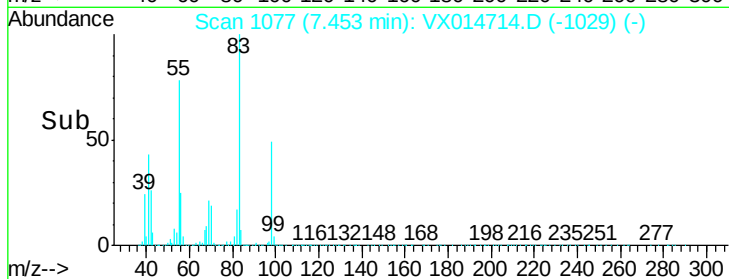
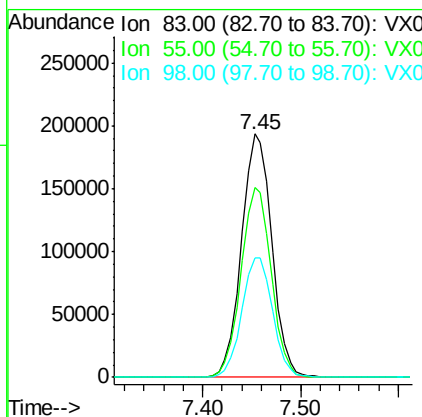
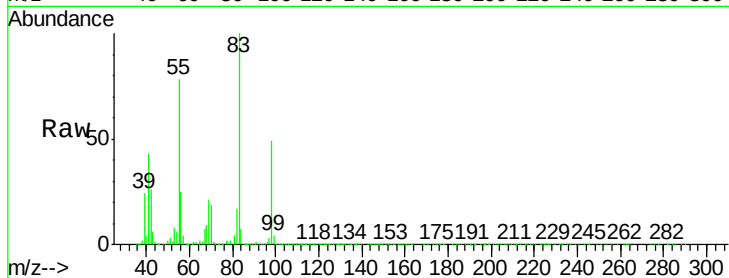
#39
Methylvlcyclohexane
Concen: 51.346 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	65.6	98.4
98	48.9	40.2	60.4

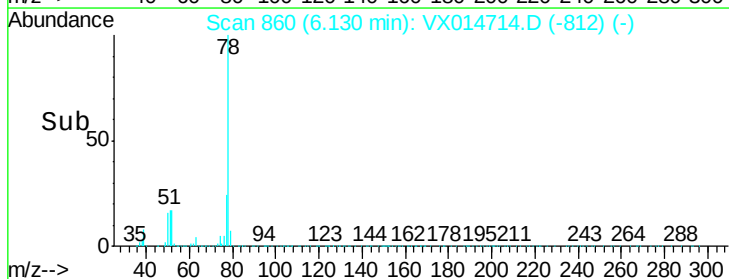
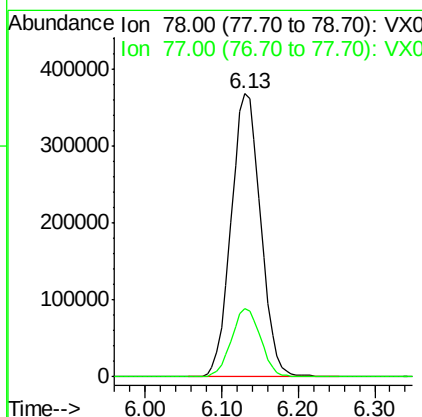
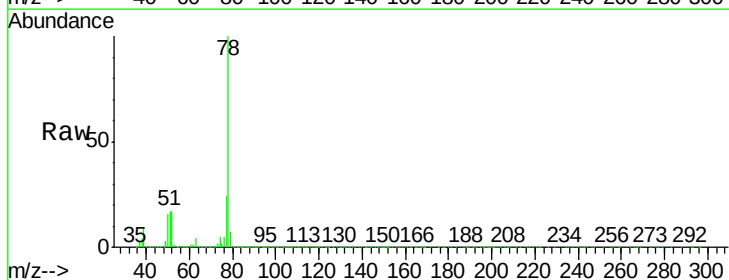
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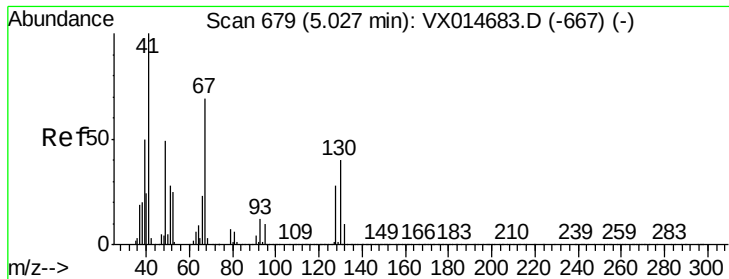
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#40
Benzene
Concen: 49.347 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1





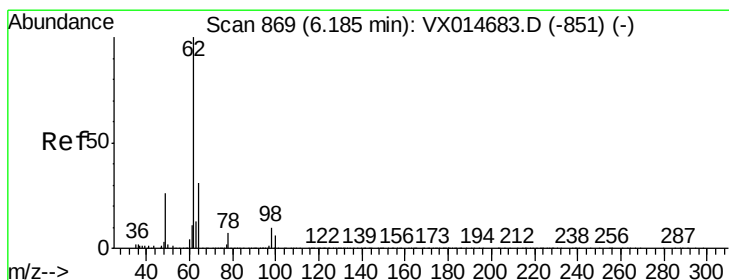
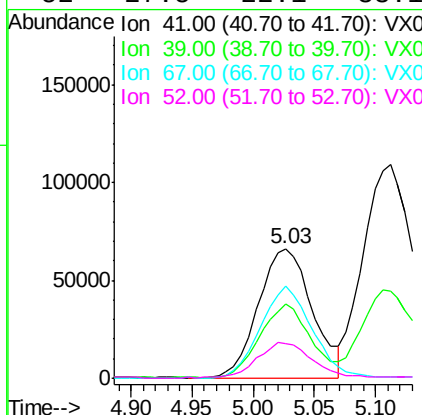
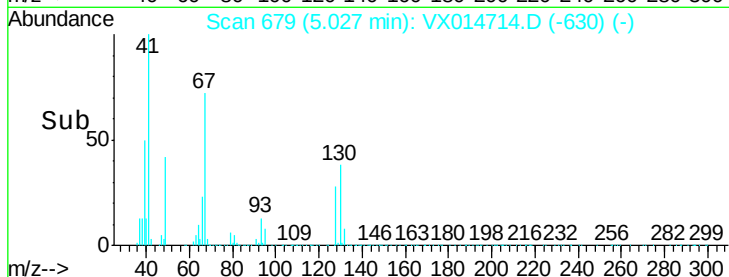
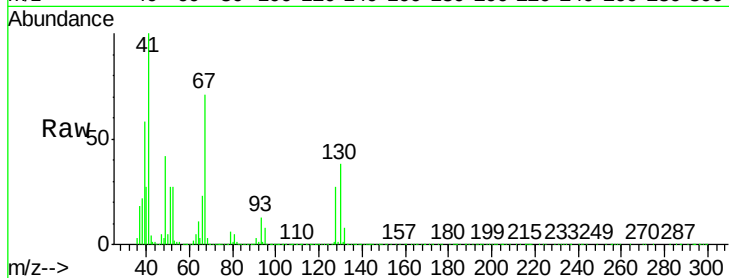
#41
Methacrylonitrile
Concen: 47.923 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	42.2	63.2	
67	67.9	55.4	83.0	
52	27.5	22.1	33.1	

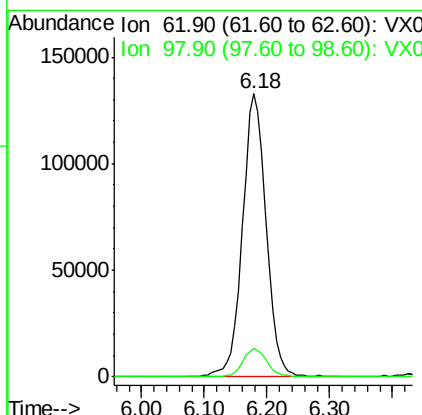
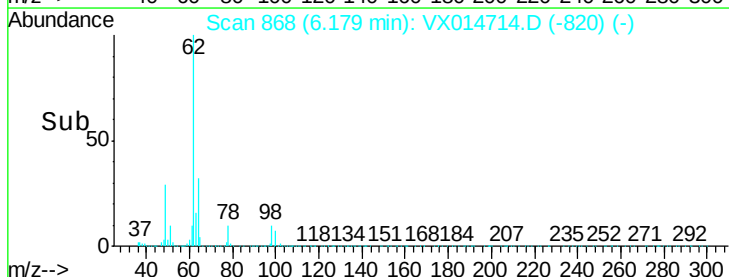
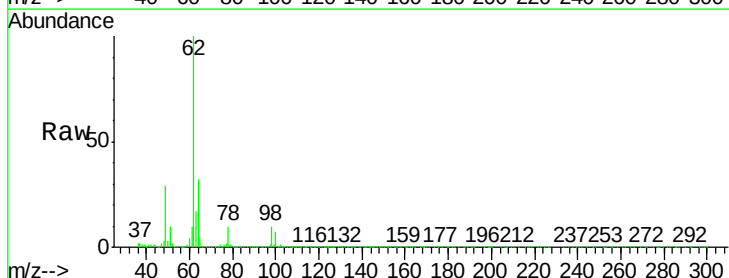
Manual Integrations
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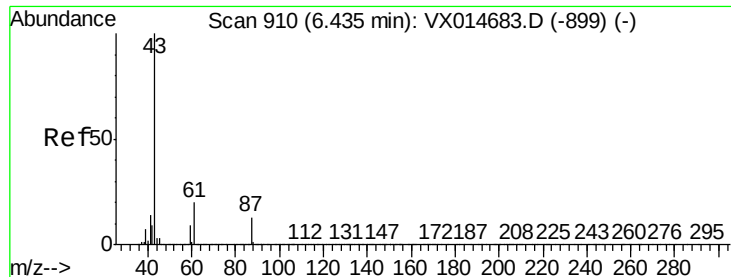
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#42
1,2-Dichloroethane
Concen: 49.944 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.0	





#43

Isopropyl Acetate

Concen: 47.514 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

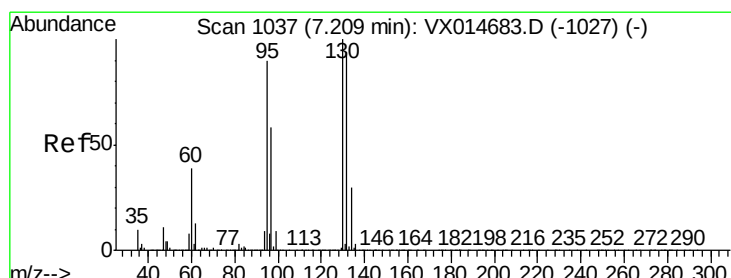
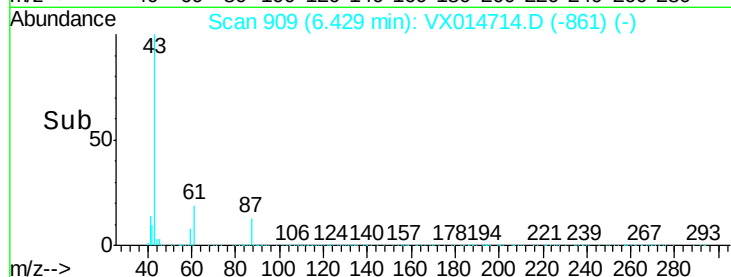
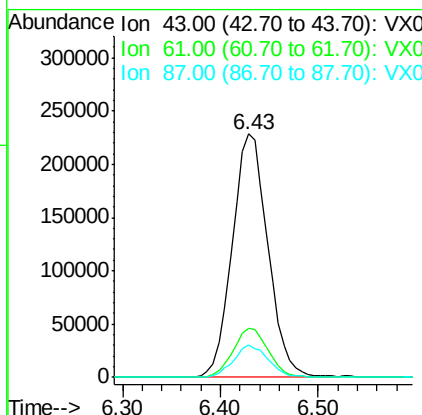
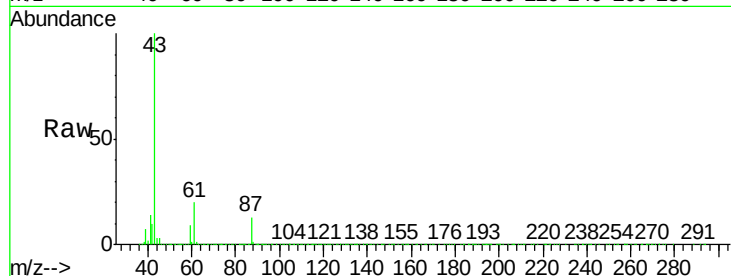
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	575197
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.4
87	12.8	10.5	15.7

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#44

Trichloroethene

Concen: 48.267 ug/l

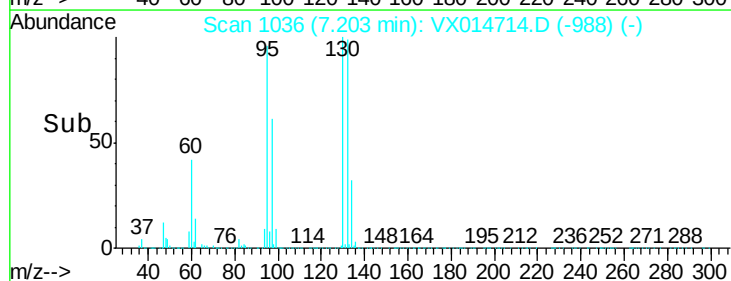
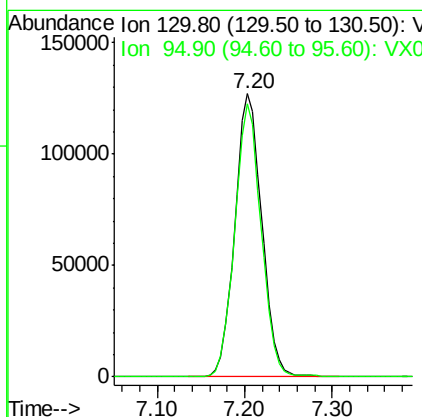
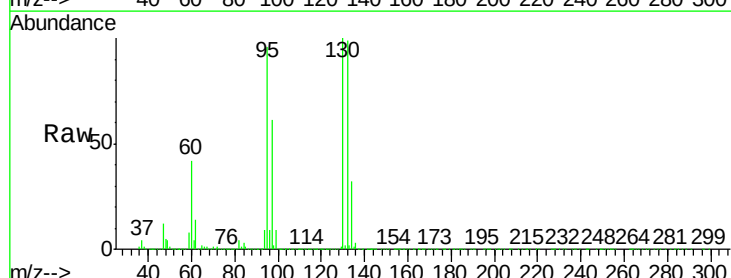
RT: 7.20 min Scan# 1036

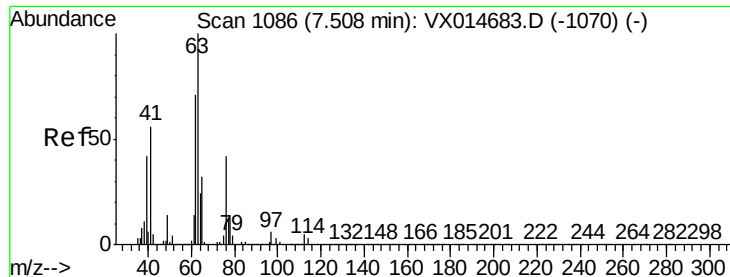
Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	130	Resp:	271905
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	179.8





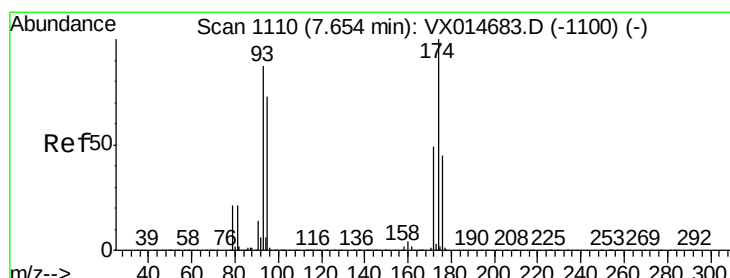
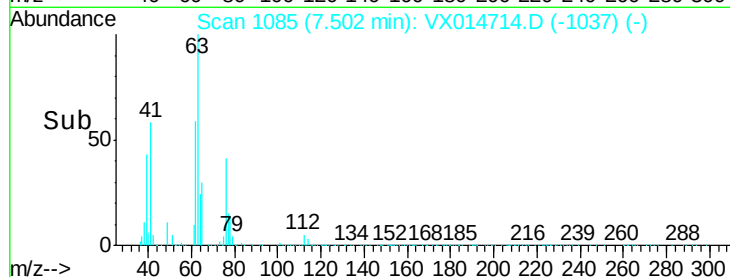
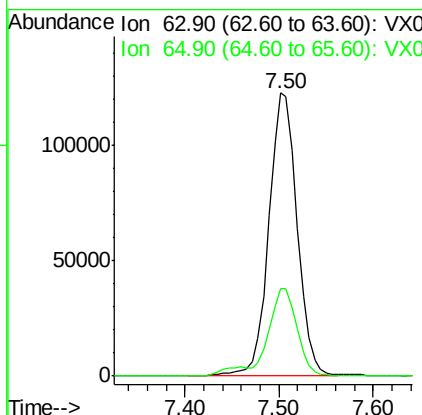
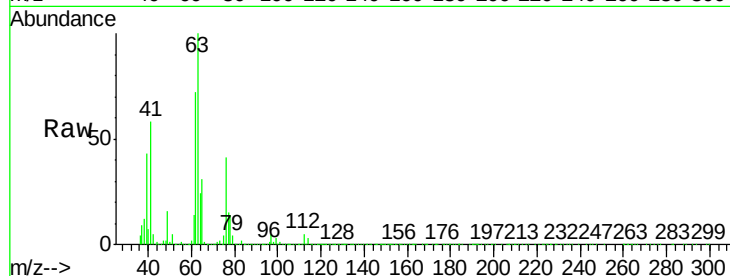
#45
 1,2-Dichloropropane
 Concen: 50.722 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.2	37.8

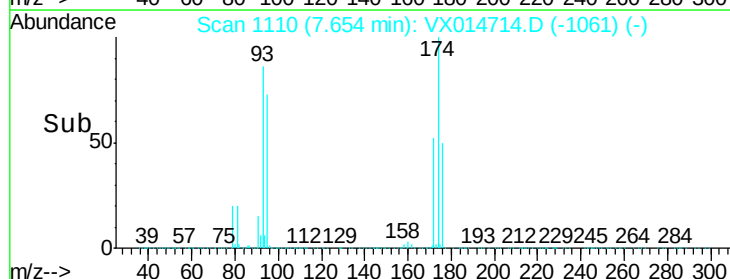
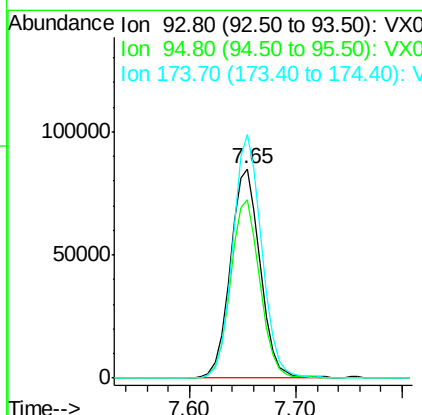
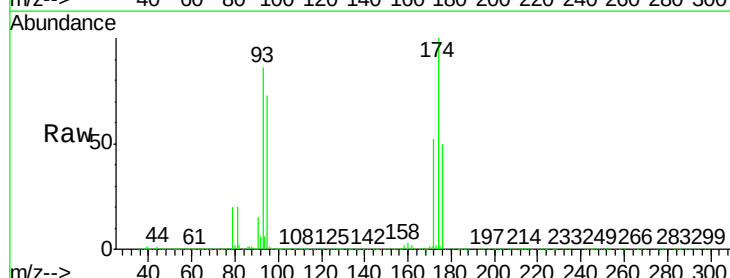
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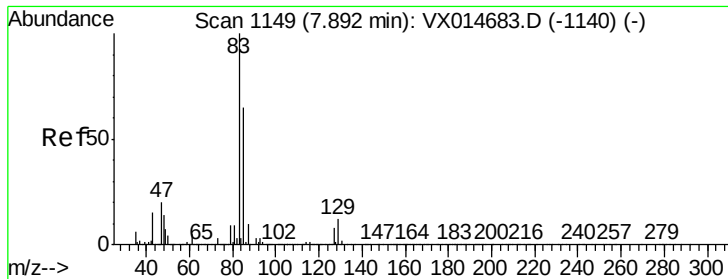
MMDadoda
 1/28/2020 11:18:15 AM



#46
 Dibromomethane
 Concen: 49.967 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.0	100.4
174	114.1	90.2	135.2





#47

Bromodichloromethane

Concen: 51.080 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

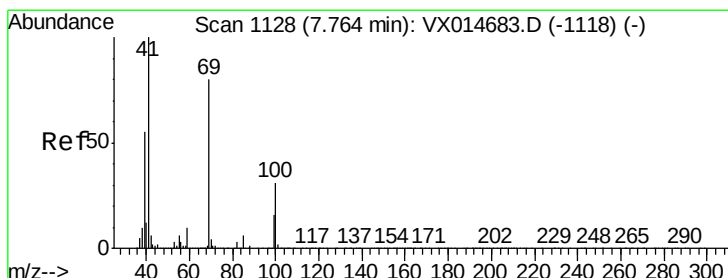
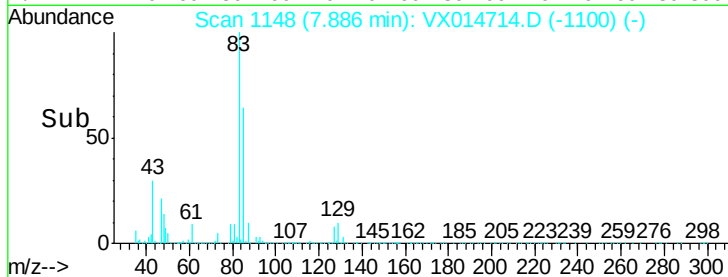
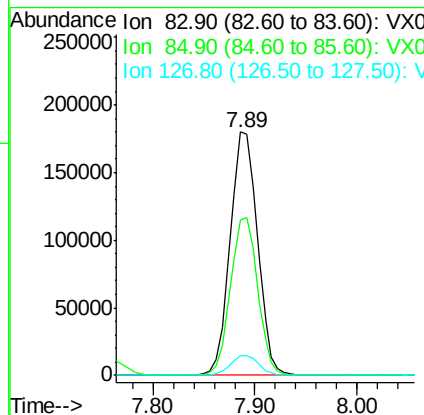
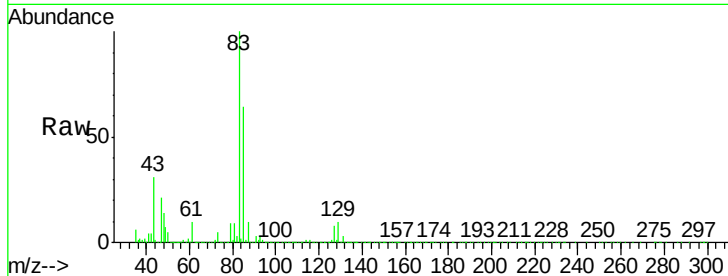
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	333377
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.2	78.2
127	8.1	6.4	9.6

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#48

Methyl methacrylate

Concen: 50.062 ug/l

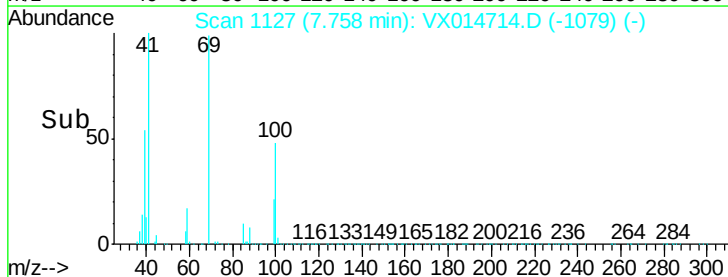
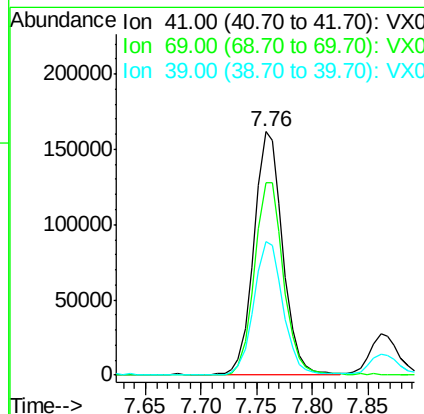
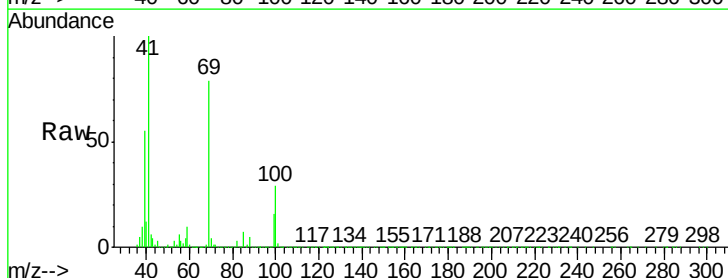
RT: 7.76 min Scan# 1127

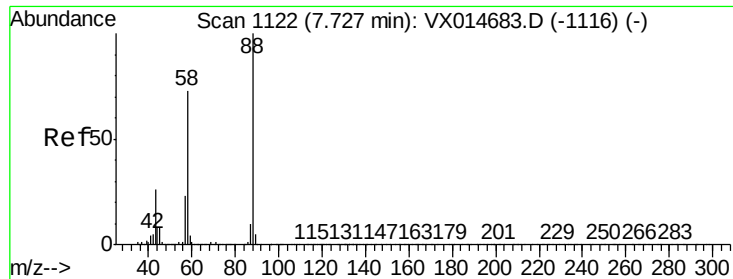
Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	41	Resp:	289570
Ion Ratio	Lower	Upper	
41	100		
69	80.3	63.5	95.3
39	55.8	43.7	65.5





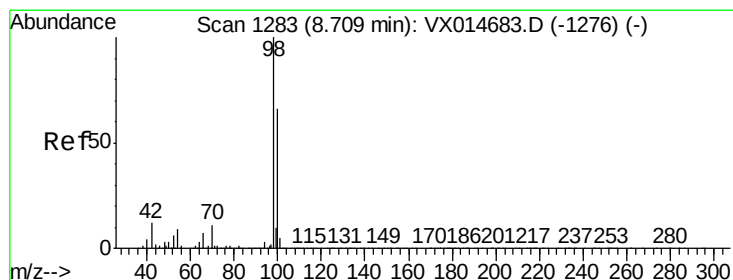
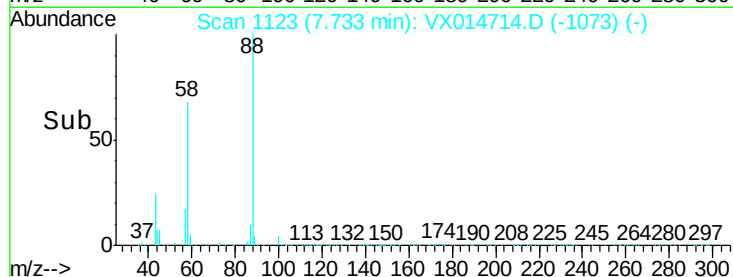
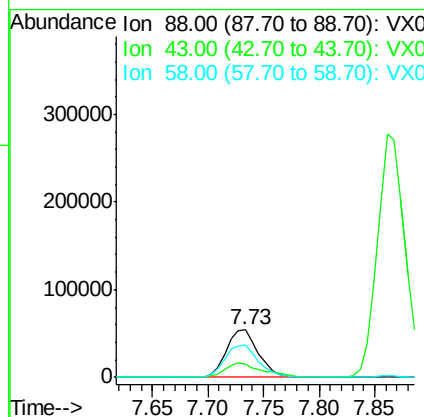
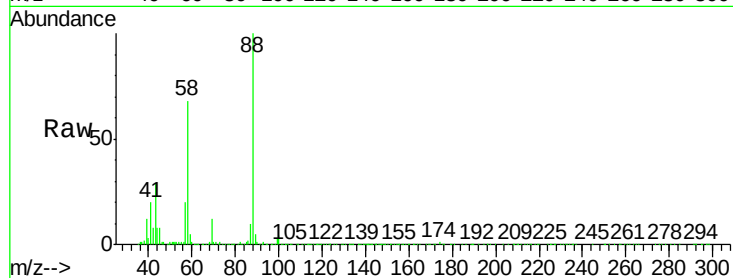
#49
1,4-Dioxane
Concen: 865.209 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.2	39.2
58	71.7	56.6	85.0

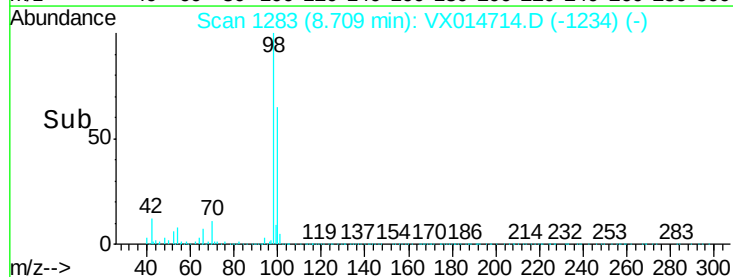
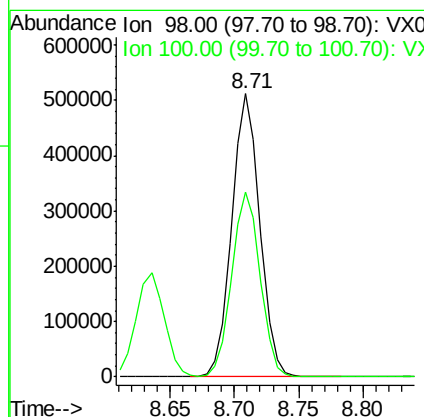
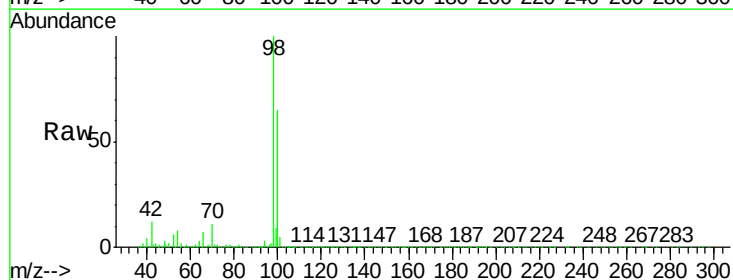
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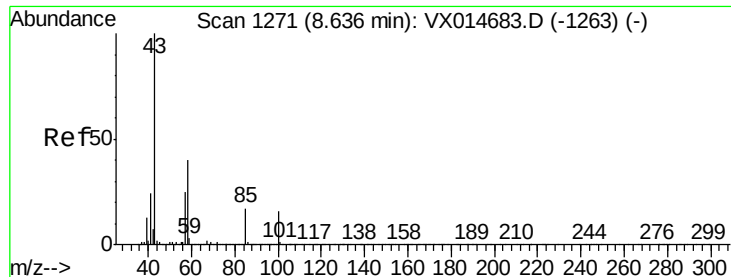
MMDadoda
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#50
Toluene-d8
Concen: 46.142 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 238.888 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1825272

Ion Ratio Lower Upper

43 100

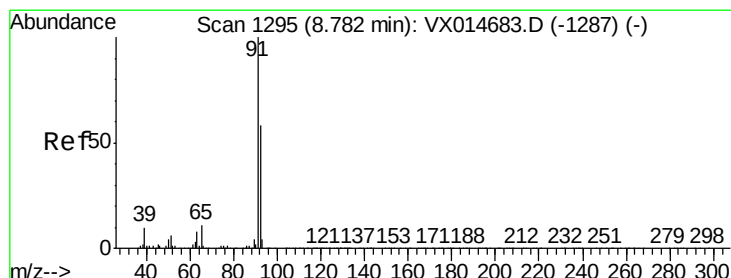
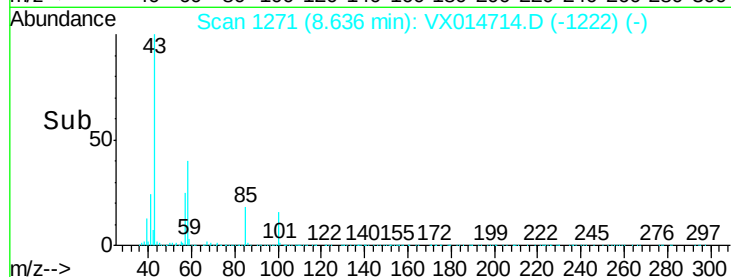
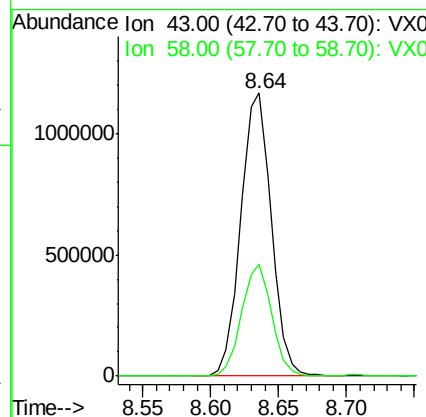
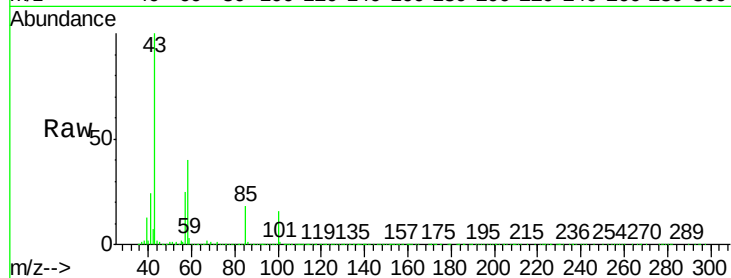
58 38.9 31.6 47.4

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#52

Toluene

Concen: 50.983 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014714.D

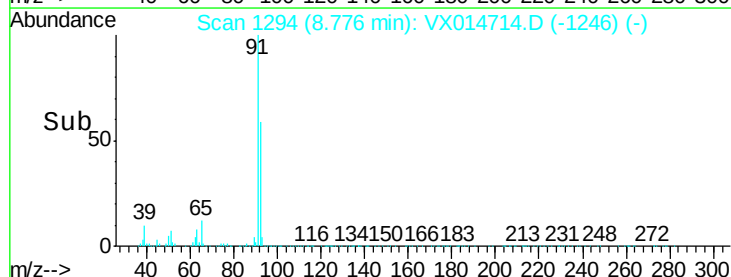
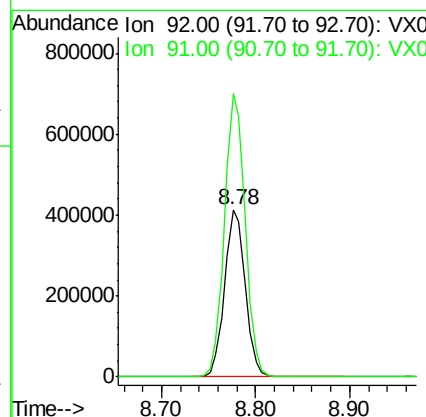
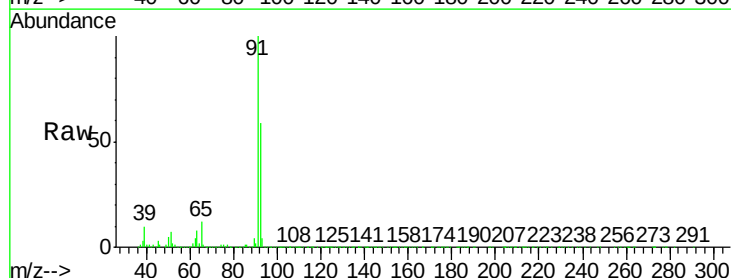
Acq: 27 Jan 2020 09:47

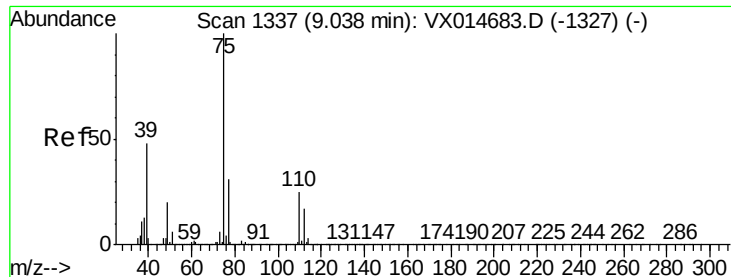
Tgt Ion: 92 Resp: 625025

Ion Ratio Lower Upper

92 100

91 169.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 53.173 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 373674

Ion Ratio Lower Upper

75 100

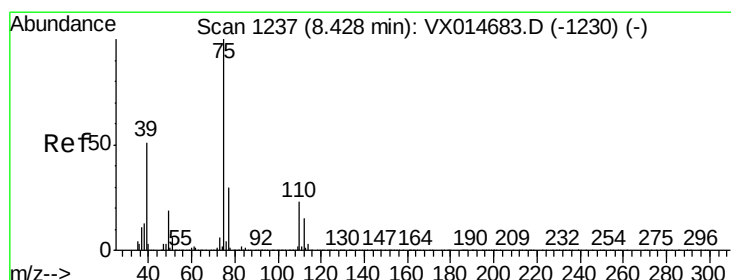
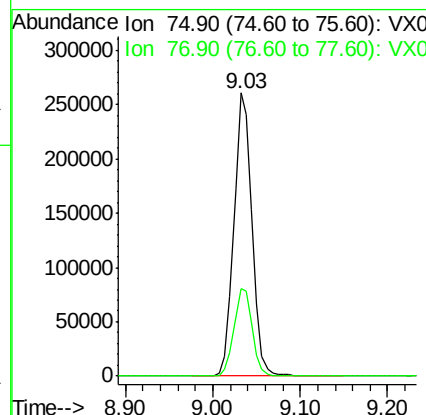
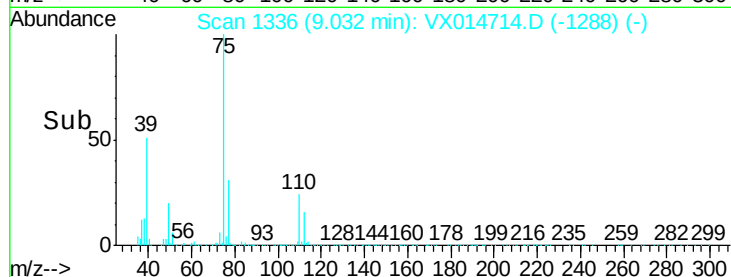
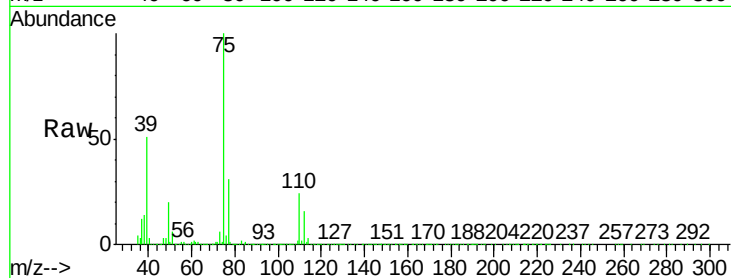
77 31.0 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 53.533 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

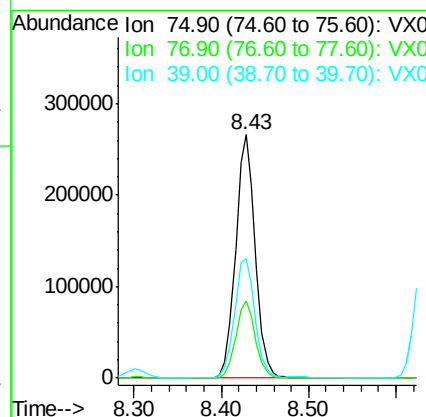
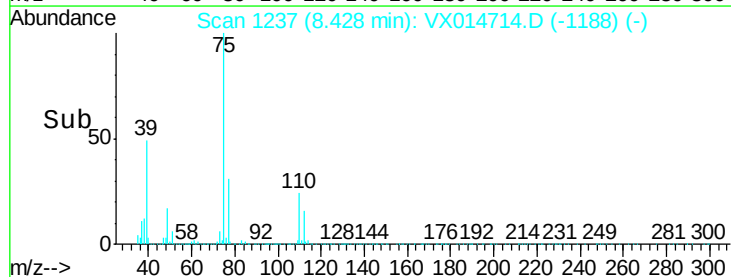
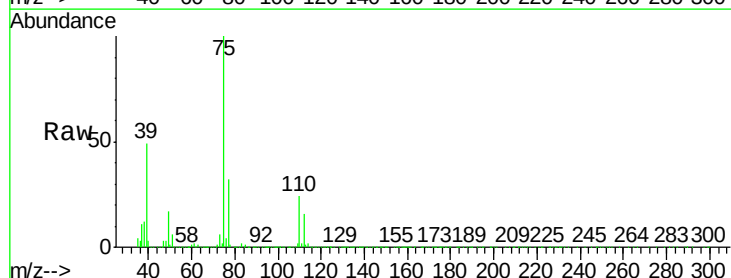
Tgt Ion: 75 Resp: 413858

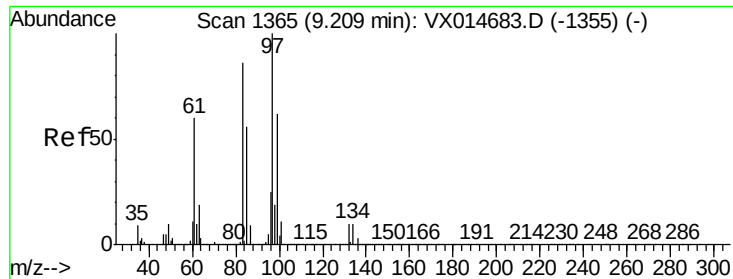
Ion Ratio Lower Upper

75 100

77 31.4 23.9 35.9

39 49.1 40.9 61.3





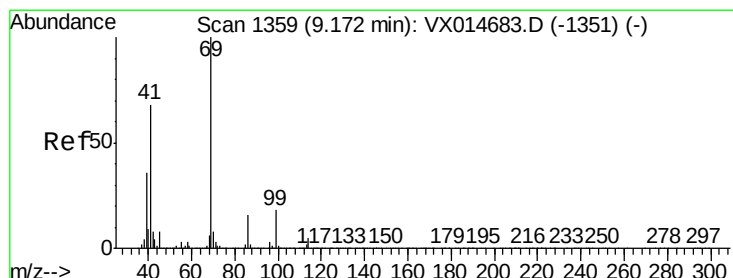
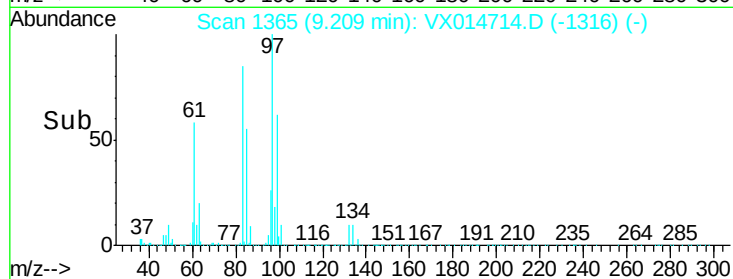
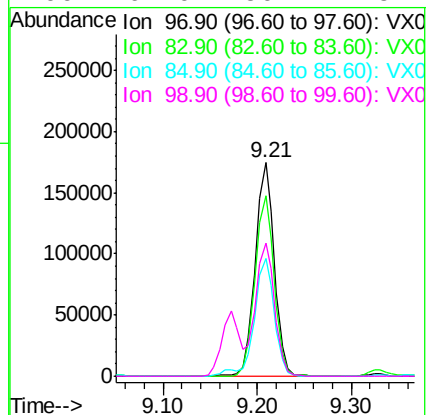
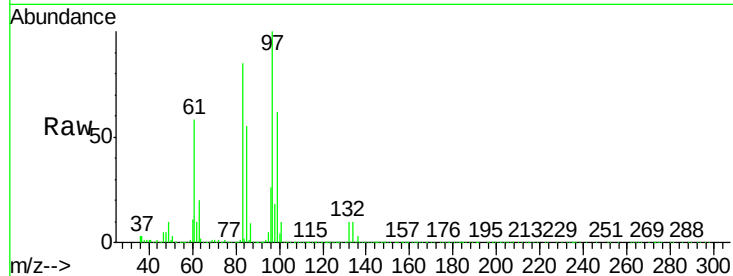
#55
 1,1,2-Trichloroethane
 Concen: 49.815 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		250036		
83	84.5	69.2	103.8		
85	54.9	44.6	67.0		
99	62.0	50.1	75.1		

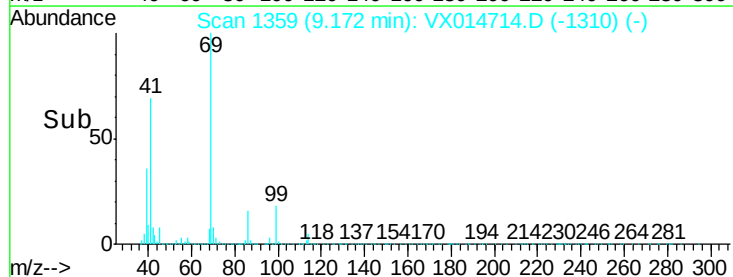
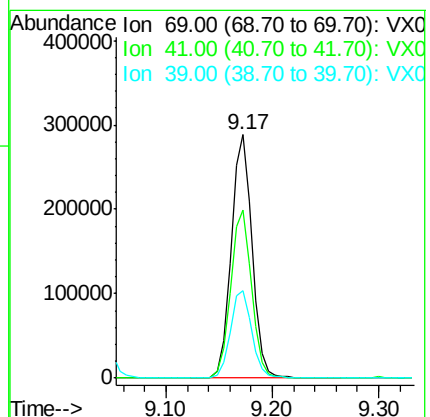
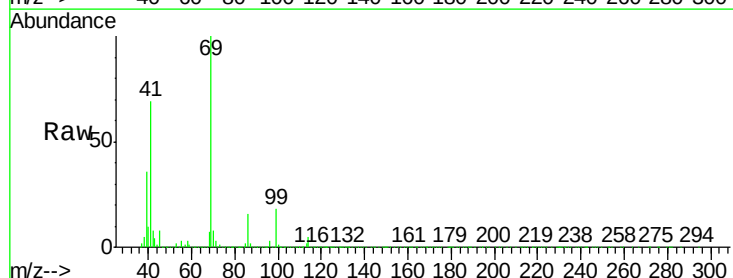
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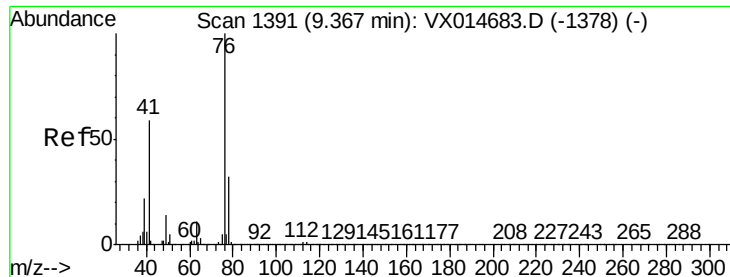
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#56
 Ethyl methacrylate
 Concen: 46.512 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		394690		
41	69.0	54.9	82.3		
39	36.8	29.3	43.9		





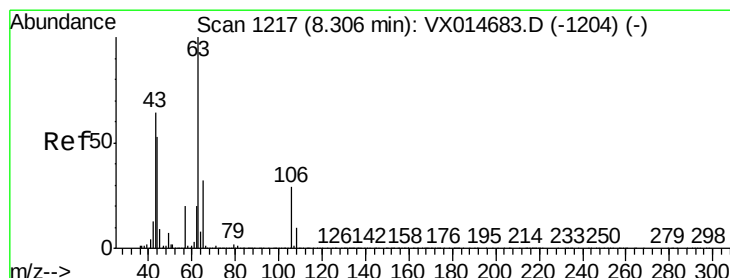
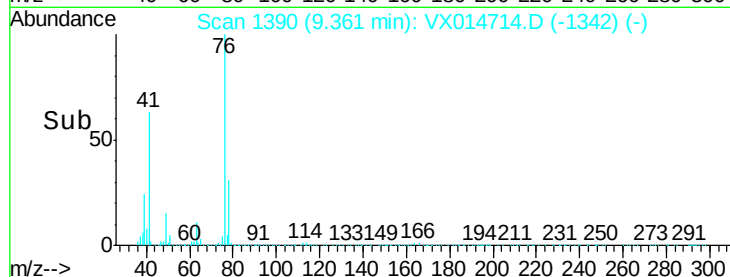
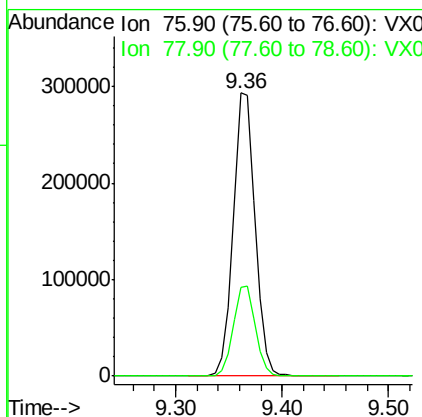
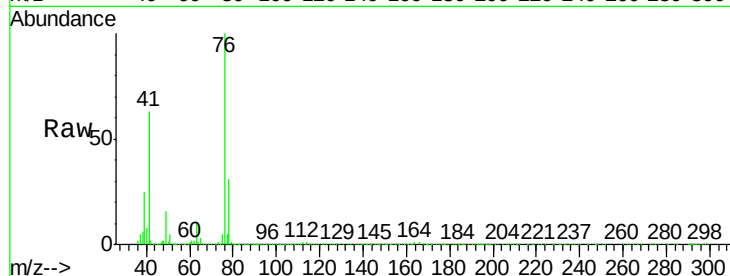
#57
 1,3-Dichloropropane
 Concen: 49.376 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

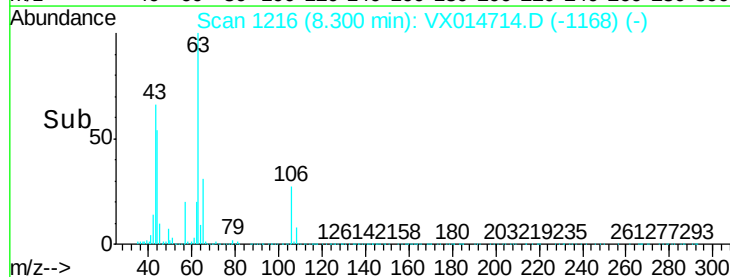
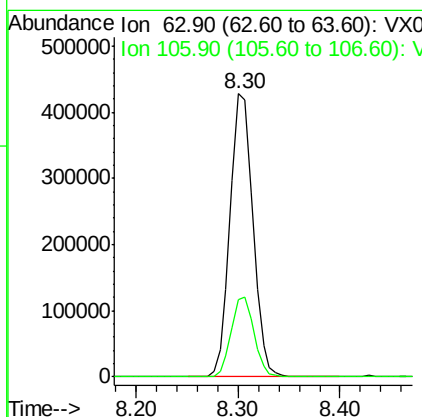
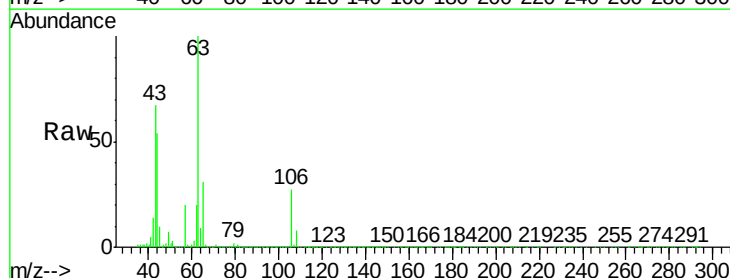
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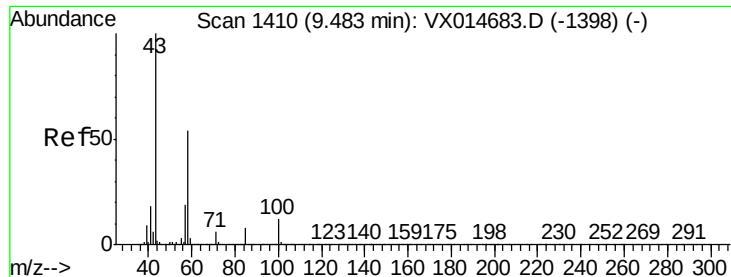
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.670 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.7	34.1





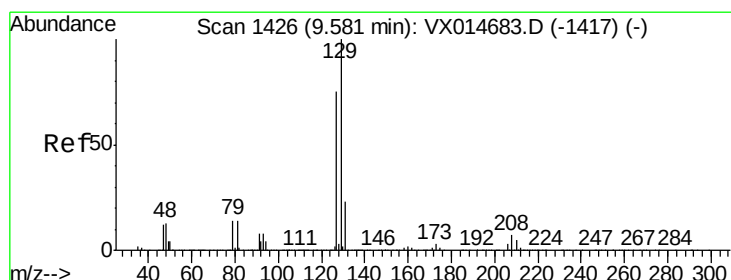
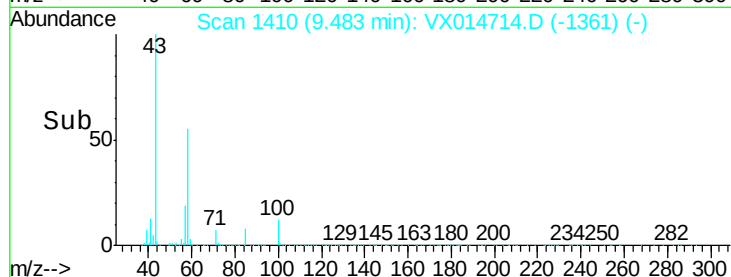
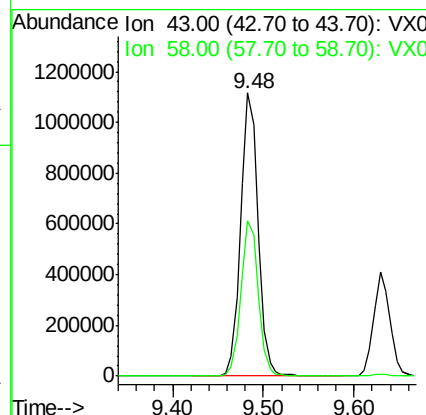
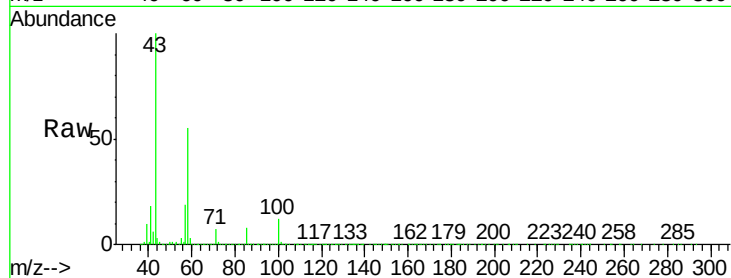
#59
2-Hexanone
Concen: 250.315 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1484134
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

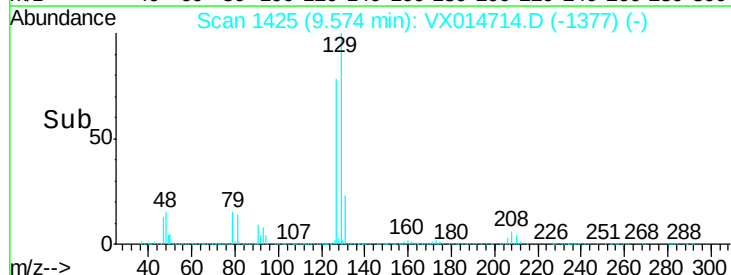
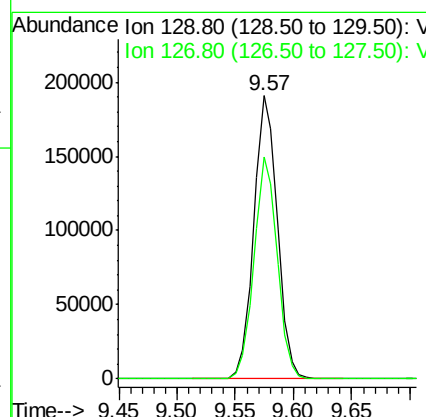
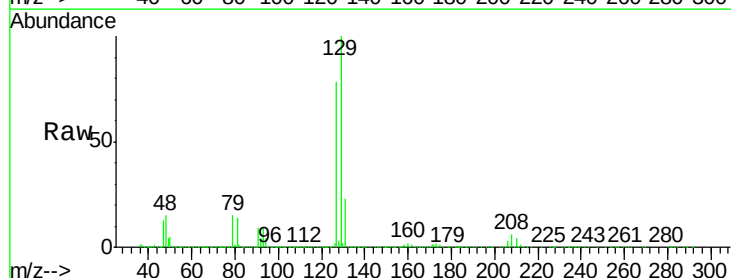
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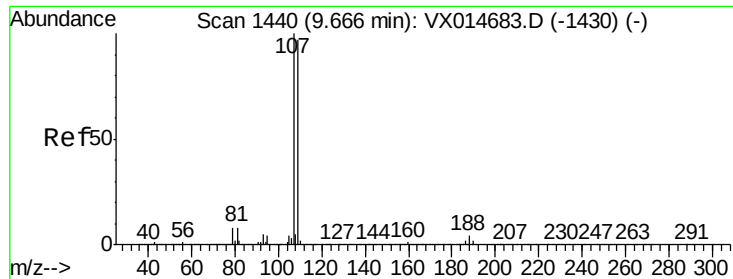
MMDadoda
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#60
Dibromochloromethane
Concen: 51.540 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 129 Resp: 270020
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.895 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 259479

Ion Ratio Lower Upper

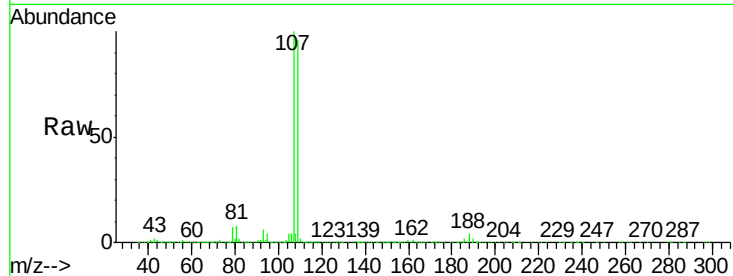
107 100

109 95.5 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

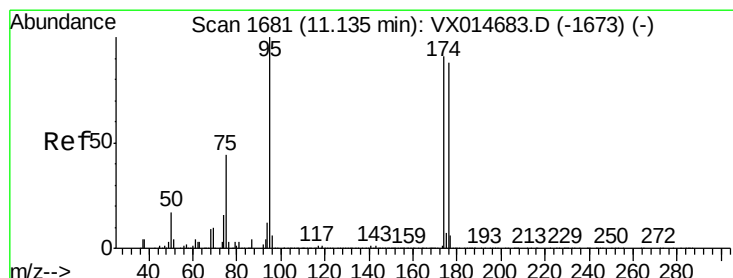
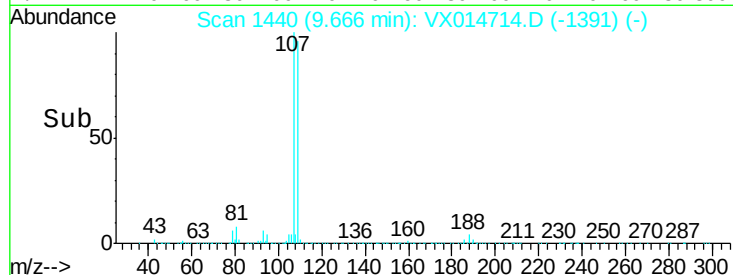
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.384 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

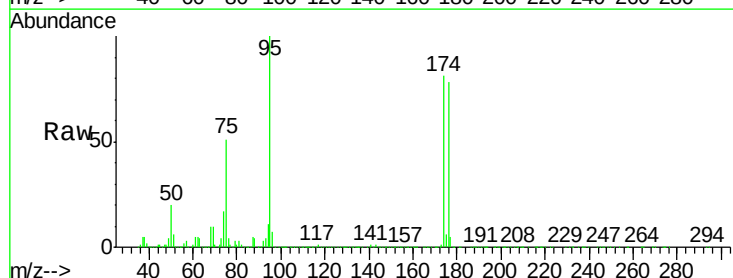
Tgt Ion: 95 Resp: 272425

Ion Ratio Lower Upper

95 100

174 89.2 0.0 176.0

176 86.8 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

250000

200000

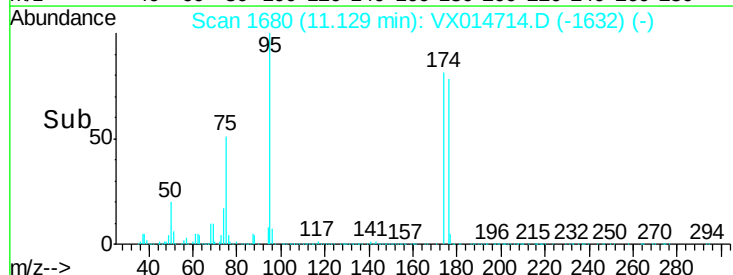
150000

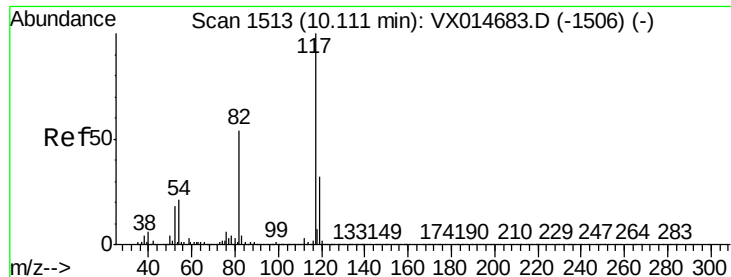
100000

50000

0

Time-->





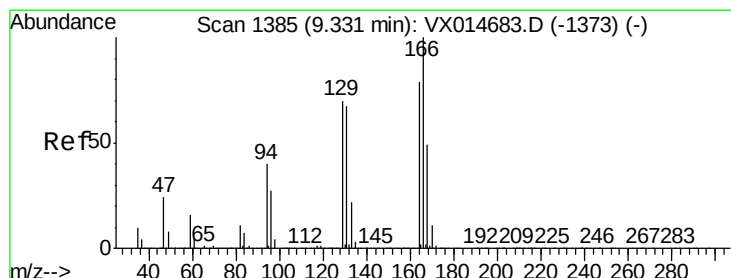
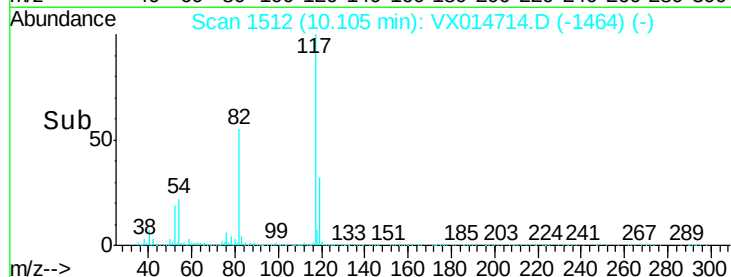
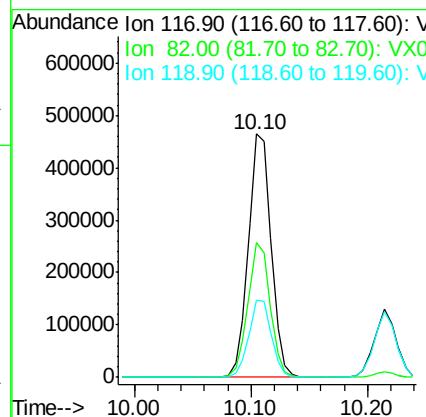
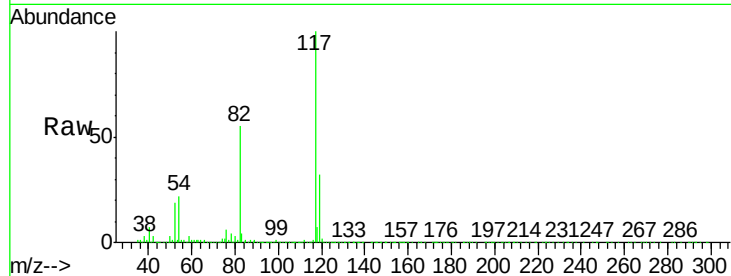
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.2	64.8
119	31.8	25.8	38.6

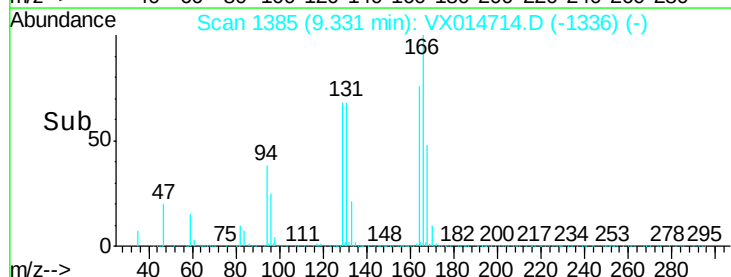
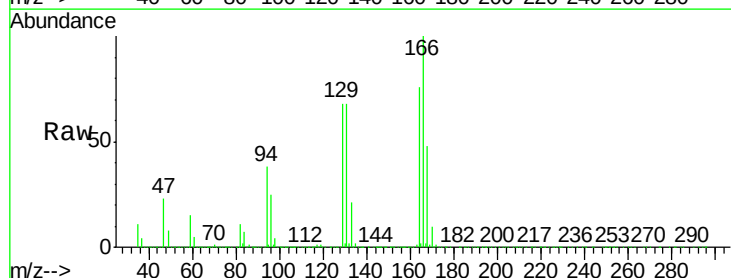
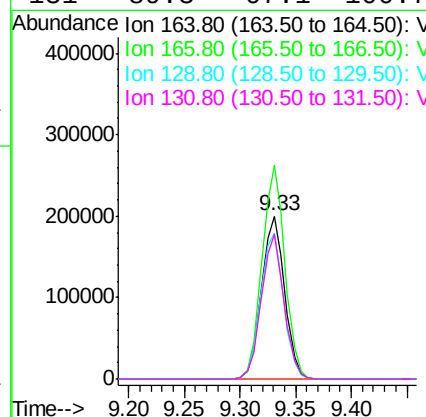
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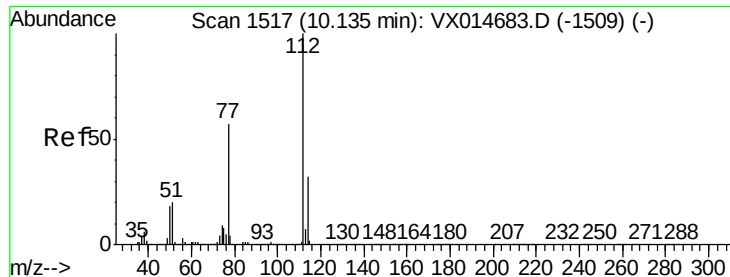
MMDadoda
1/28/2020 11:18:15 AM



#64
Tetrachloroethene
Concen: 45.783 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	100.9	151.3
129	89.8	71.0	106.6
131	89.3	67.1	100.7





#65

Chlorobenzene

Concen: 48.942 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 667074

Ion Ratio Lower Upper

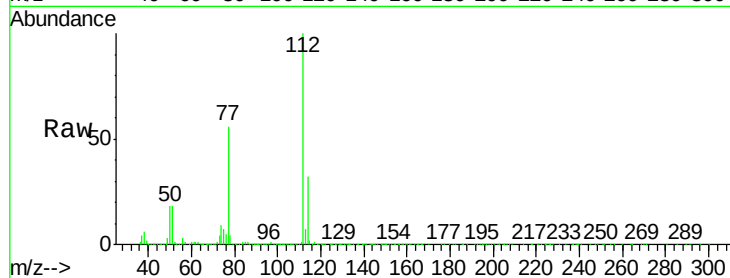
112 100

114 32.1 25.8 38.8

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

500000

400000

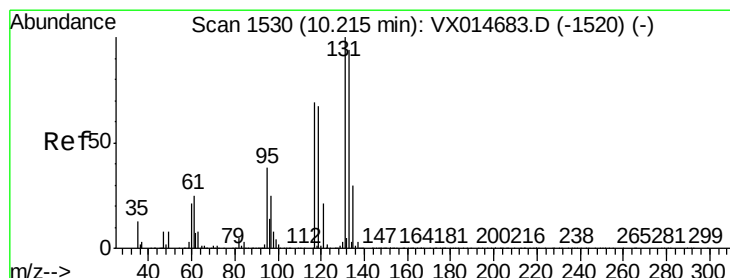
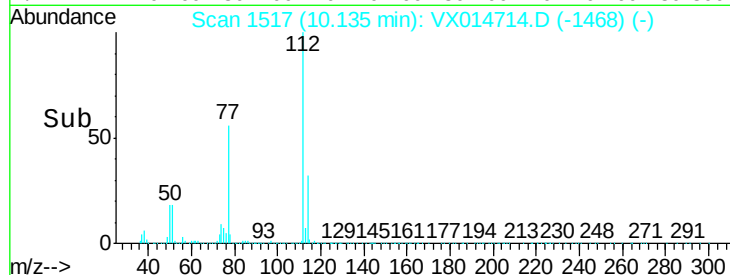
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.079 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

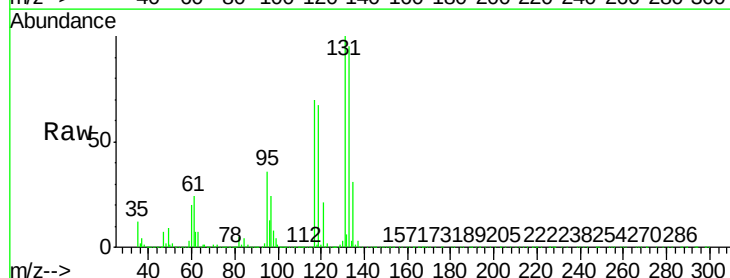
Tgt Ion:131 Resp: 251664

Ion Ratio Lower Upper

131 100

133 95.1 47.4 142.3

119 65.6 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

250000

200000

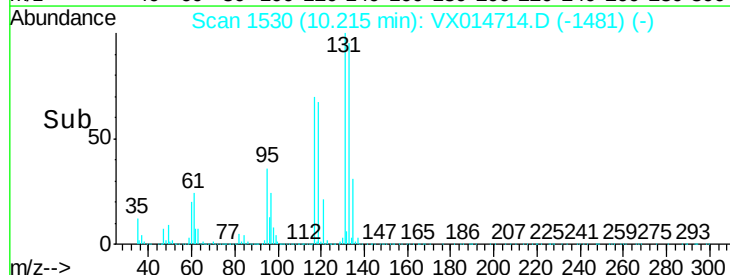
150000

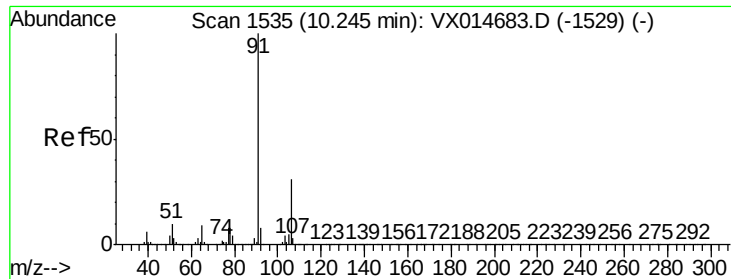
100000

50000

0

Time-->





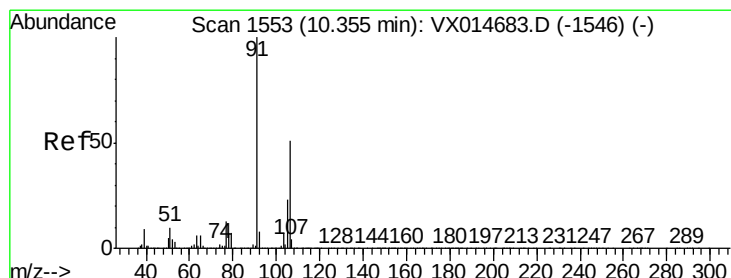
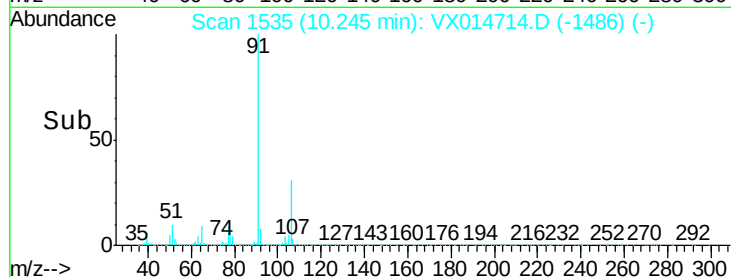
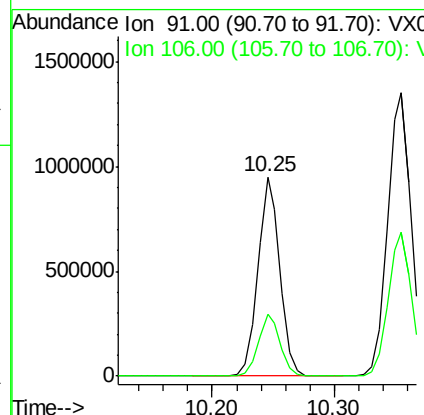
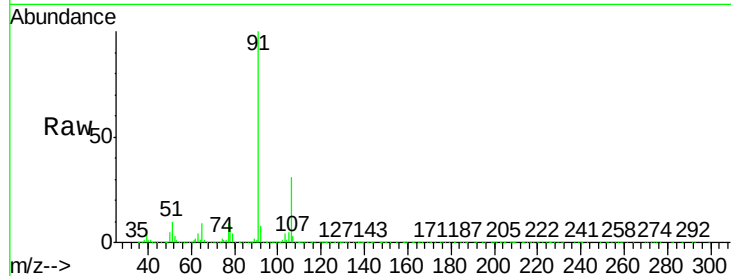
#67
Ethyl Benzene
Concen: 50.896 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1184500
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

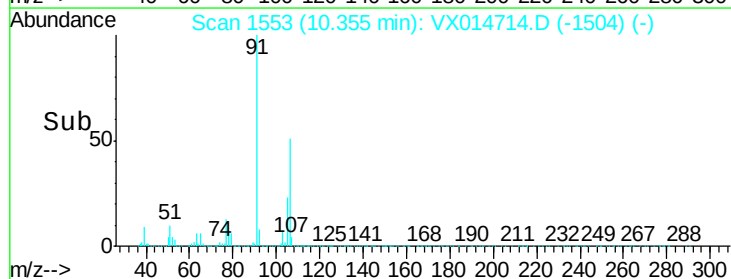
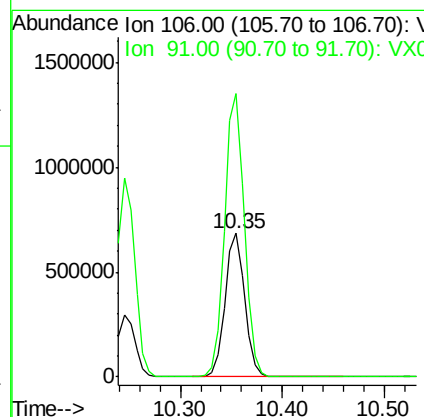
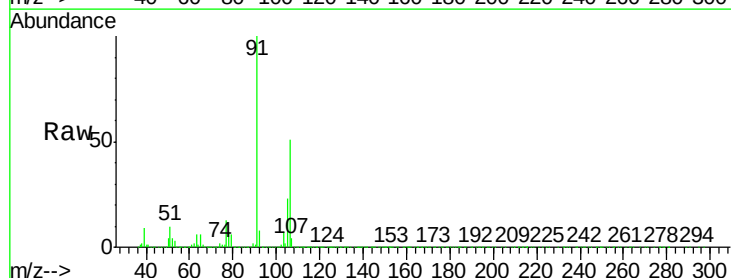
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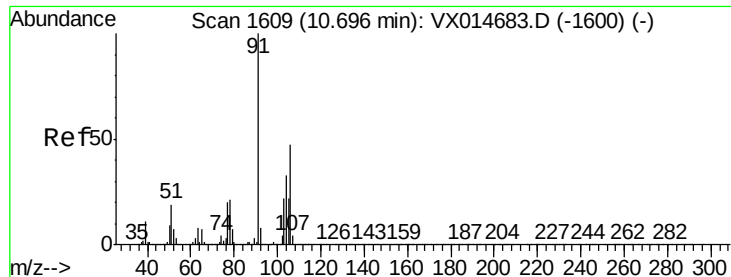
MMDadoda
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#68
m/p-Xylenes
Concen: 103.742 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion: 106 Resp: 914669
Ion Ratio Lower Upper
106 100
91 199.4 159.4 239.2





#69

o-Xylene

Concen: 51.461 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 438020

Ion Ratio Lower Upper

106 100

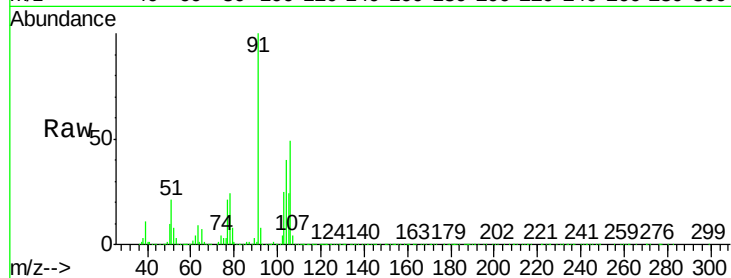
91 209.1 106.2 318.6

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

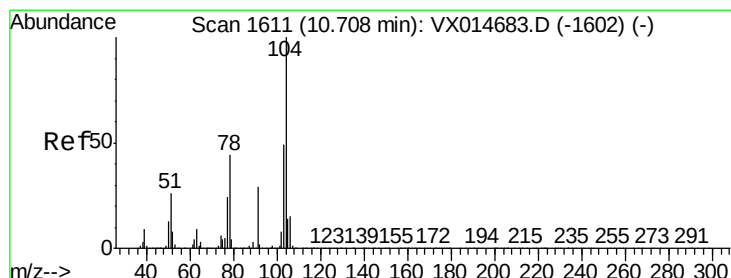
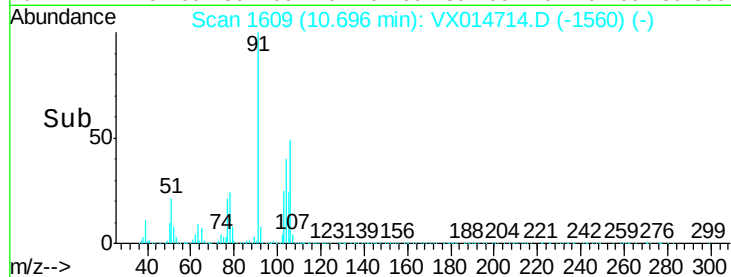
200000

0

10.60

10.70

Time-->



#70

Styrene

Concen: 53.600 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

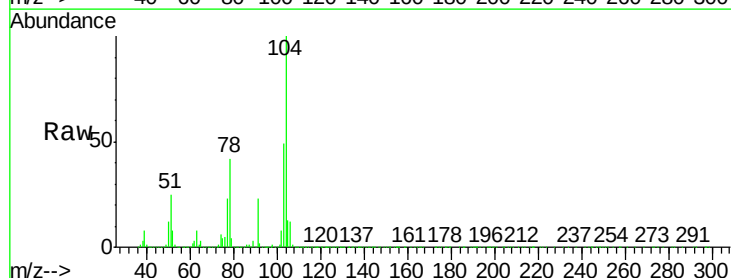
Tgt Ion:104 Resp: 765308

Ion Ratio Lower Upper

104 100

78 49.1 39.3 58.9

103 53.9 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

800000

600000

400000

200000

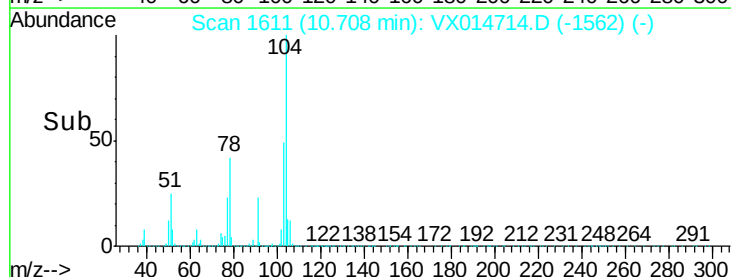
0

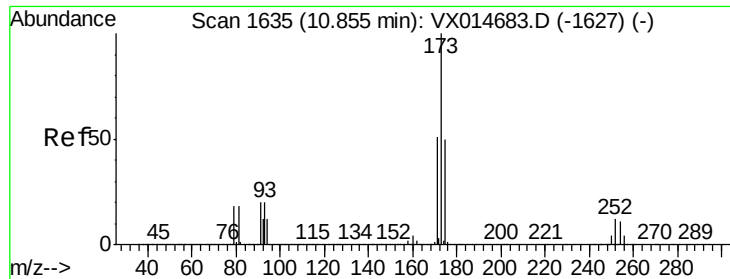
10.60

10.70

10.80

Time-->





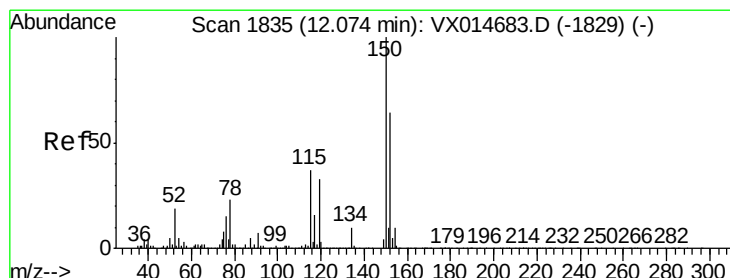
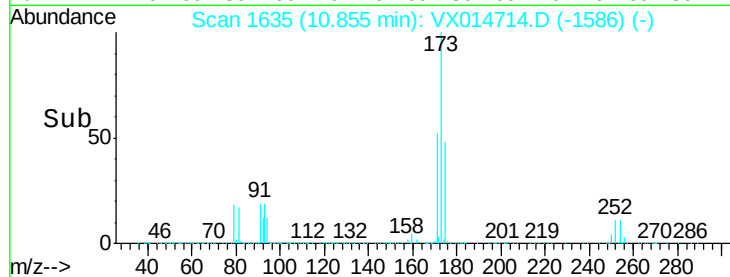
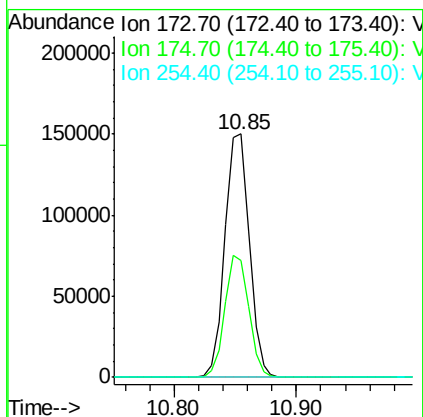
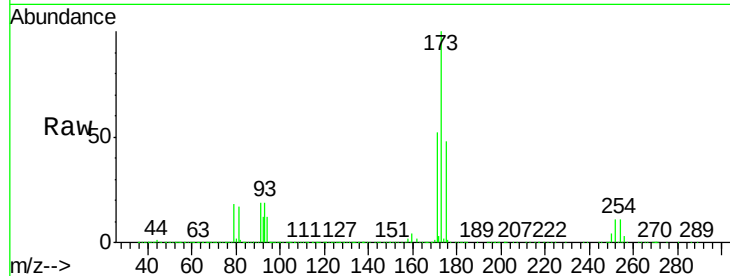
#71
Bromoform
Concen: 51.839 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.6
254	0.3	0.1	0.1#

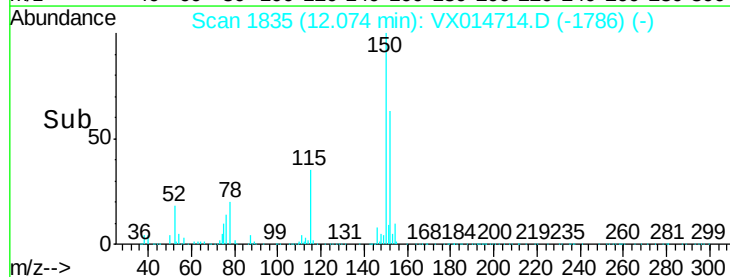
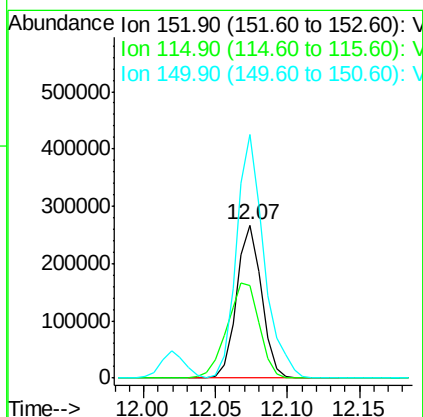
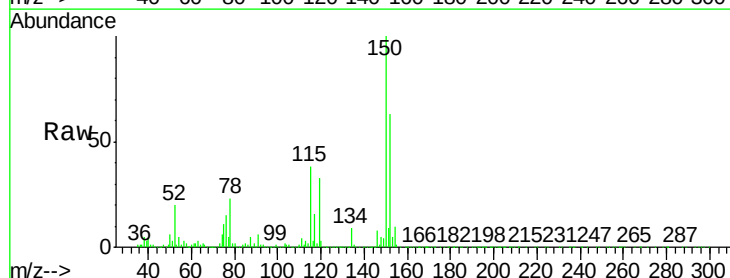
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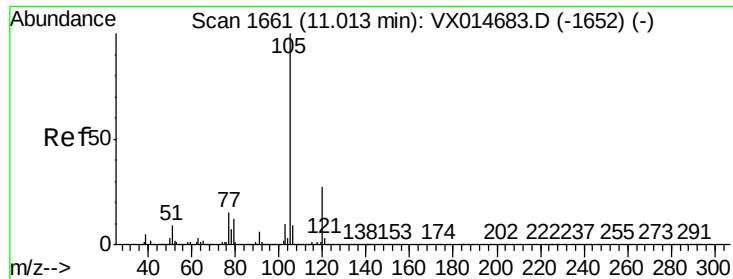
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.9	39.4	118.1
150	175.9	0.0	351.2





#73

Isopropylbenzene

Concen: 51.367 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1160575

Ion Ratio Lower Upper

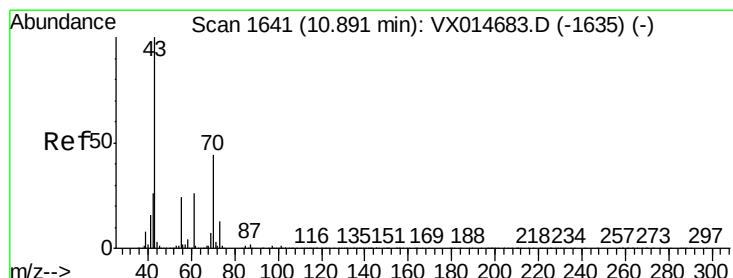
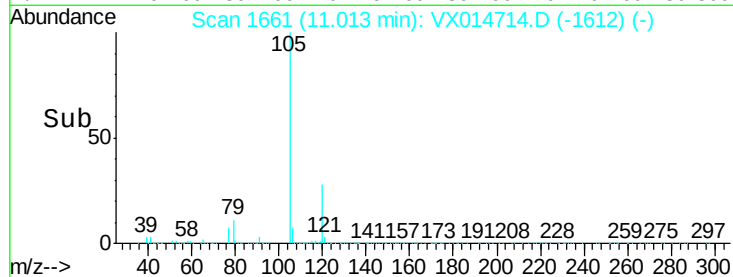
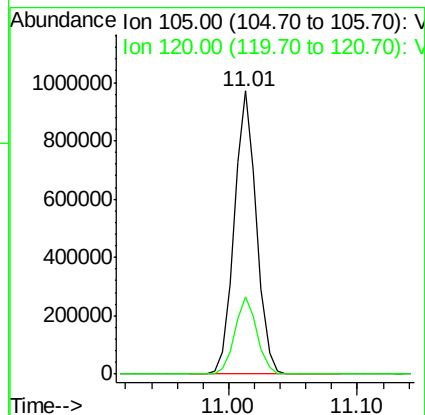
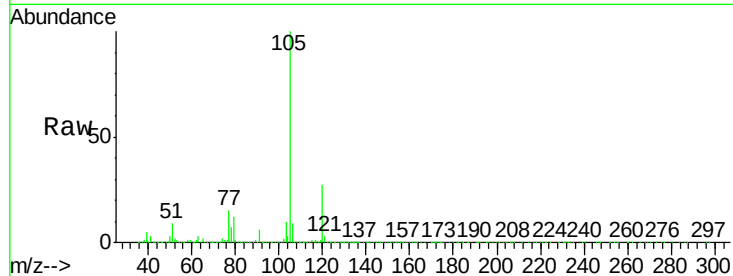
105 100

120 27.2 13.5 40.5

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#74

N-ethyl acetate

Concen: 51.265 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion: 43 Resp: 507573

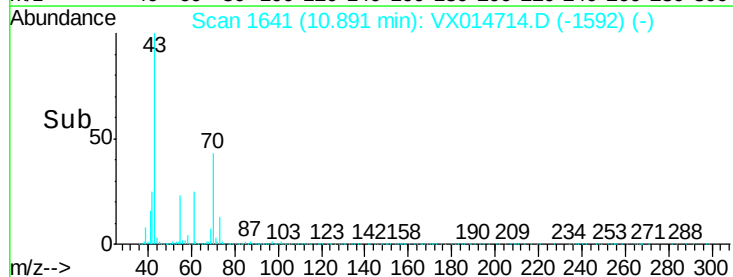
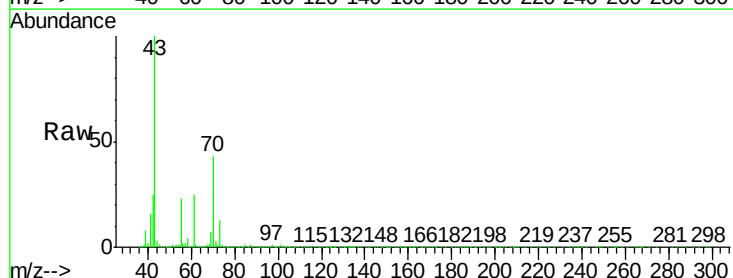
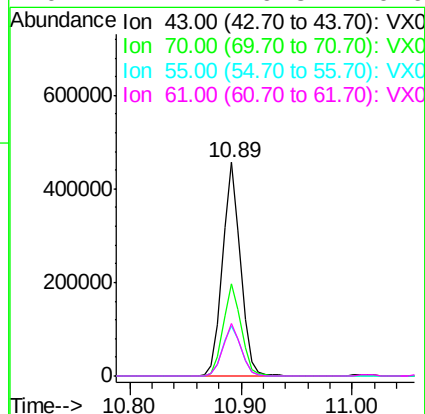
Ion Ratio Lower Upper

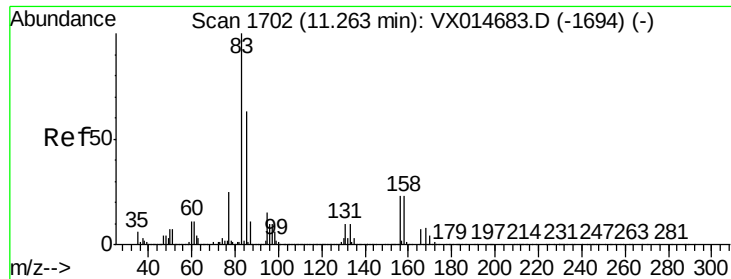
43 100

70 43.4 34.6 52.0

55 24.3 19.4 29.2

61 24.4 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.291 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

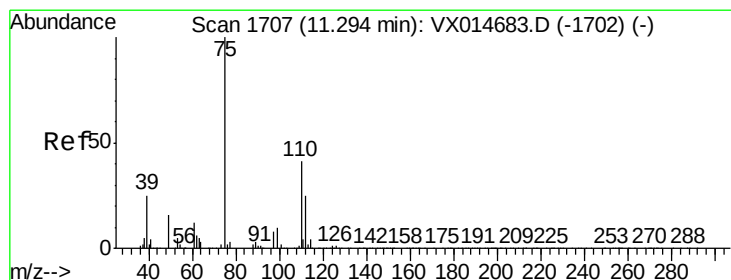
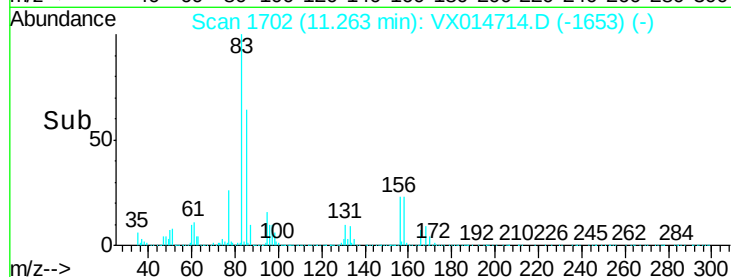
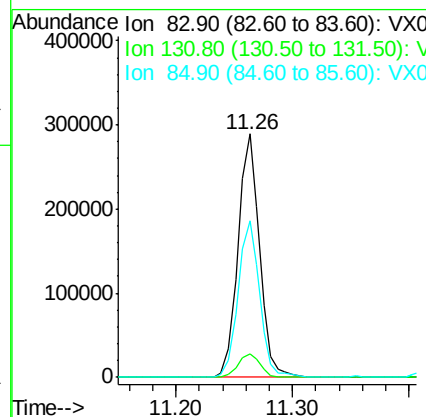
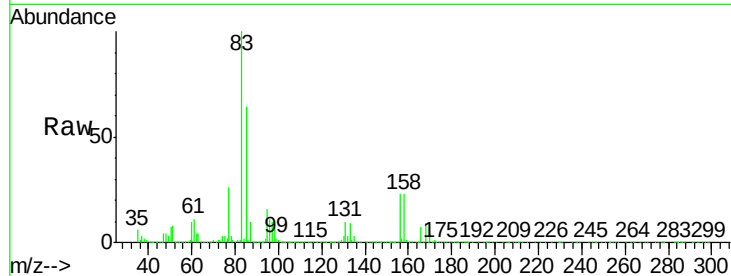
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	373434
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.4	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 41.888 ug/l m

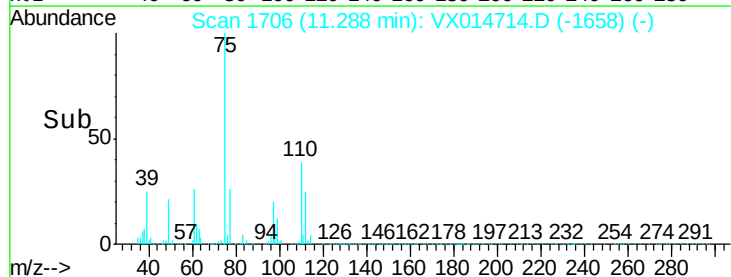
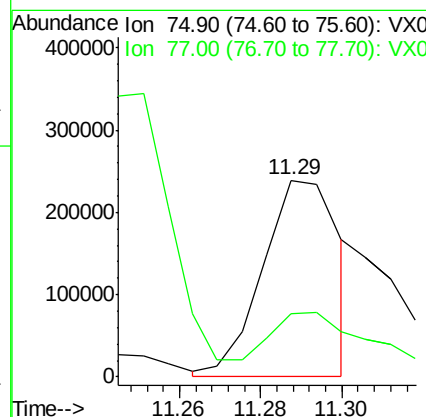
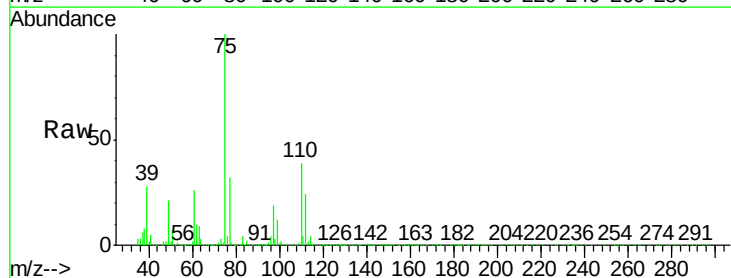
RT: 11.29 min Scan# 1706

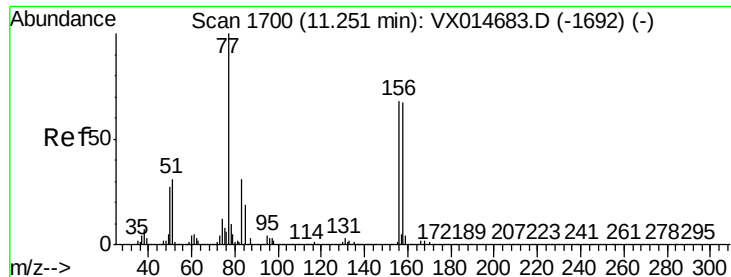
Delta R.T. -0.01 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	75	Resp:	313156
Ion Ratio	Lower	Upper	
75	100		
77	43.4	18.7	56.1





#77

Bromobenzene

Concen: 49.497 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

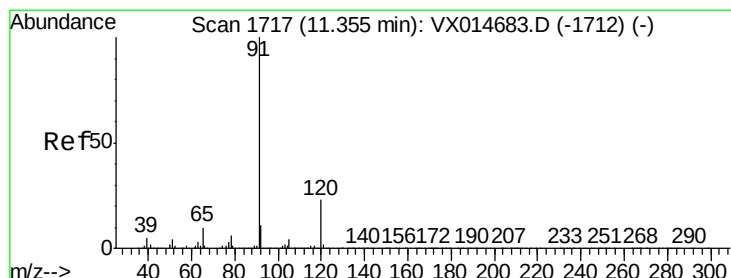
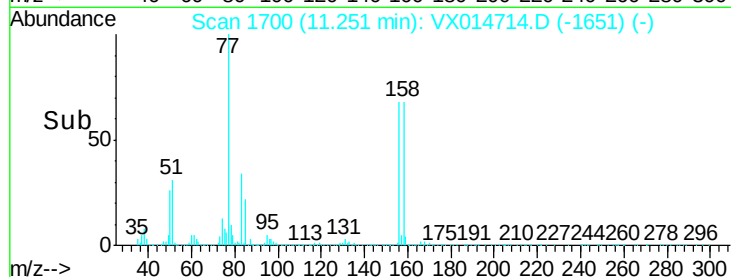
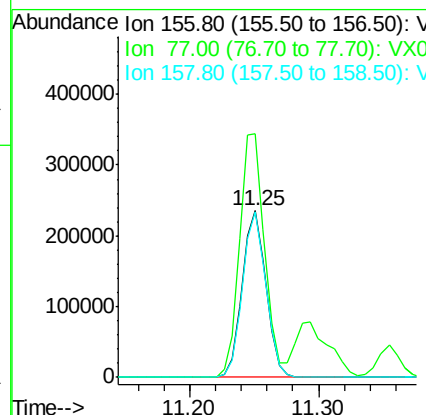
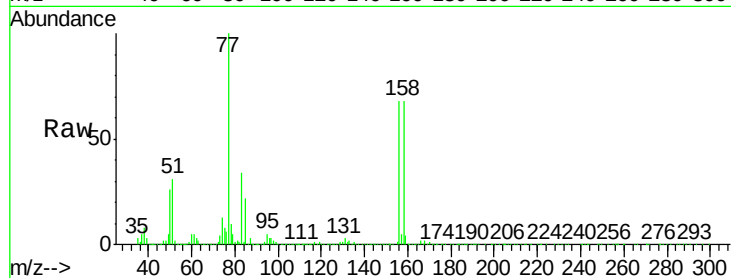
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	300438
Ion Ratio	Lower	Upper	
156	100		
77	155.4	77.5	232.5
158	98.4	49.1	147.3

Manual Integrations
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1/28/2020 11:18:15 AM



#78

n-propylbenzene

Concen: 52.539 ug/l

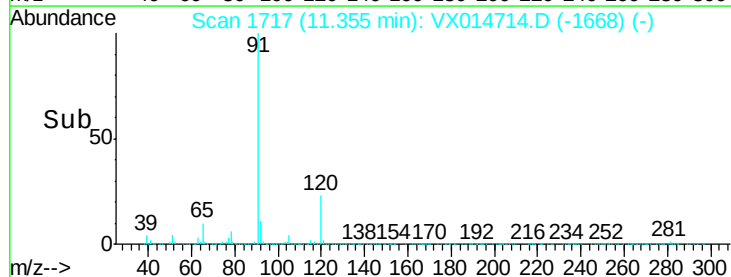
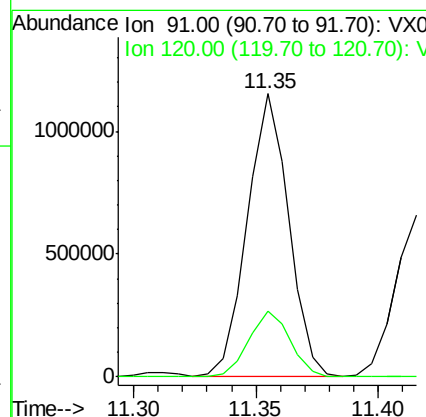
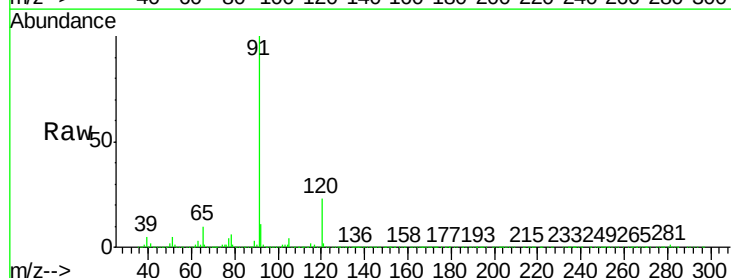
RT: 11.35 min Scan# 1717

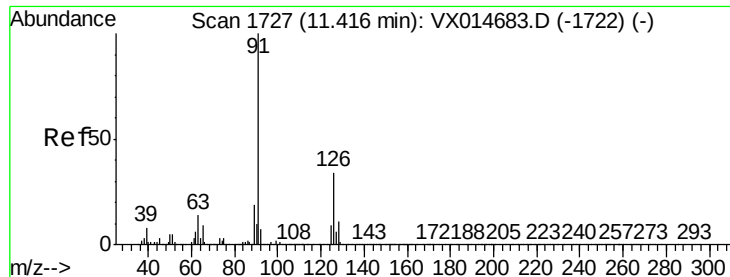
Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion:	91	Resp:	1347440
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 50.749 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 787503

Ion Ratio Lower Upper

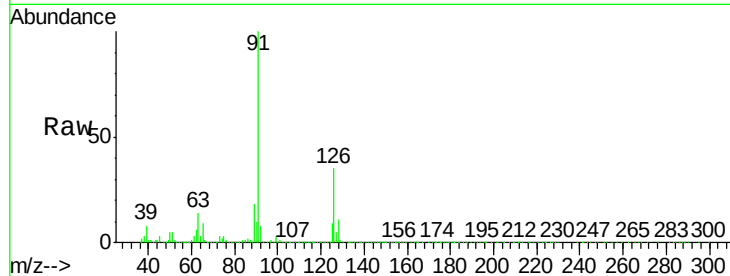
91 100

126 34.7 17.3 51.9

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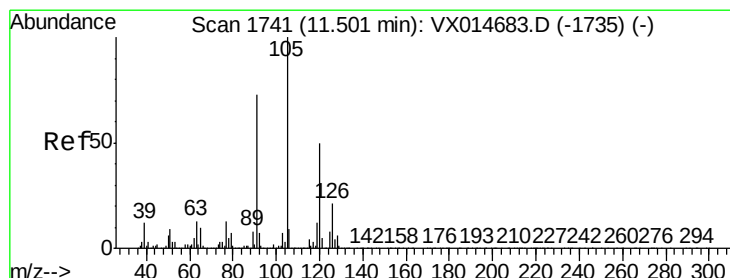
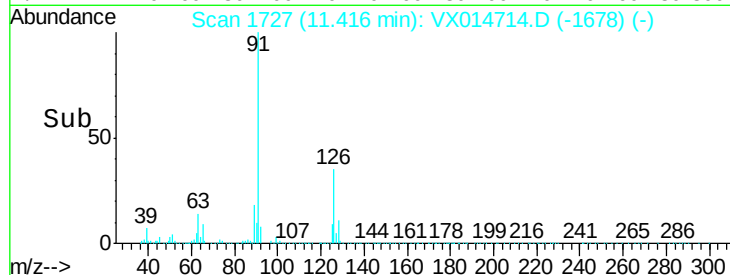
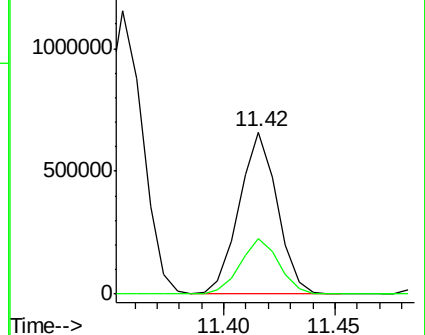
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX014683.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014683.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014714.D

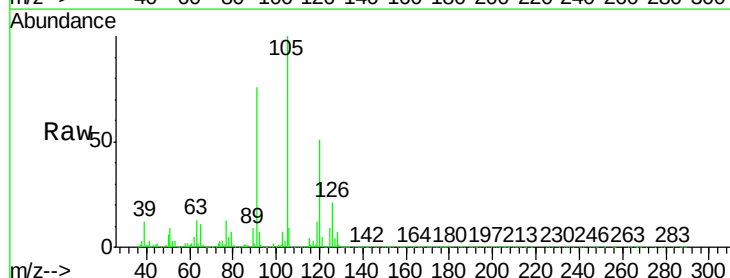
Acq: 27 Jan 2020 09:47

Tgt Ion: 105 Resp: 990177

Ion Ratio Lower Upper

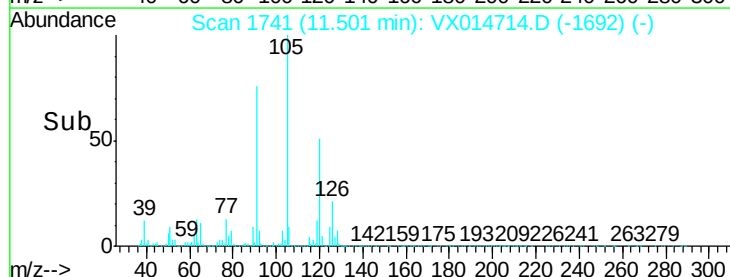
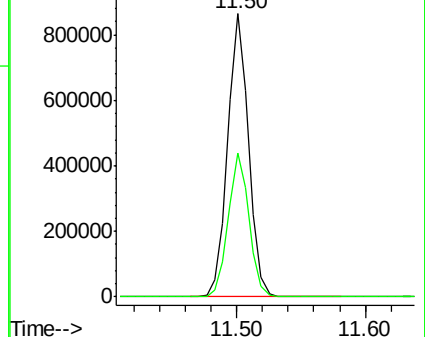
105 100

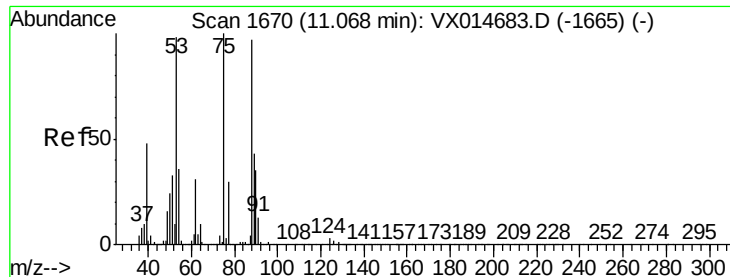
120 50.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX014683.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014683.D (-1735) (-)





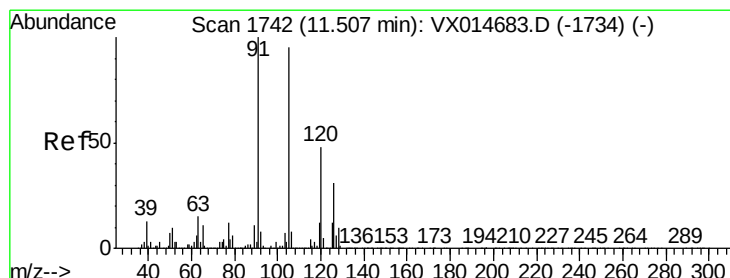
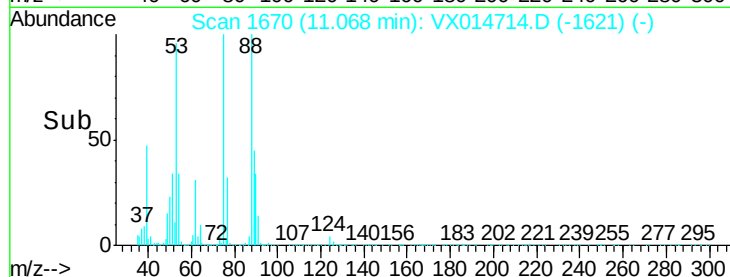
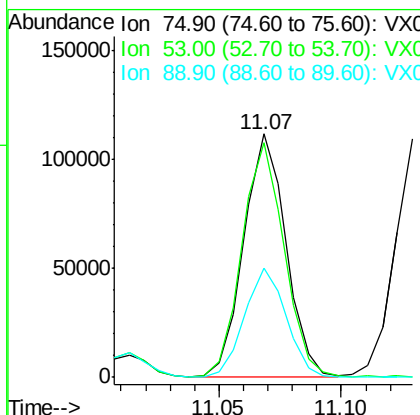
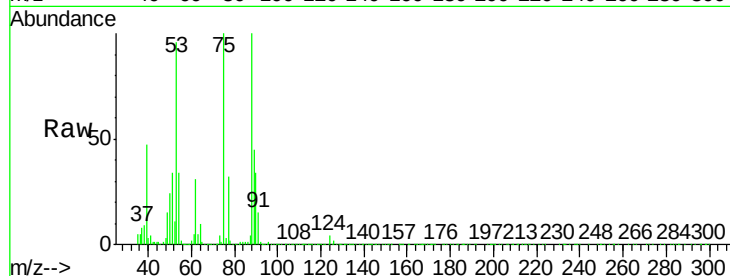
#81
trans-1,4-Dichloro-2-butene
Concen: 50.631 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	78.8	118.2
89	45.2	35.4	53.0

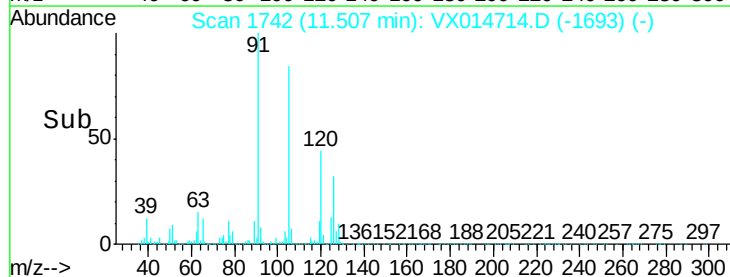
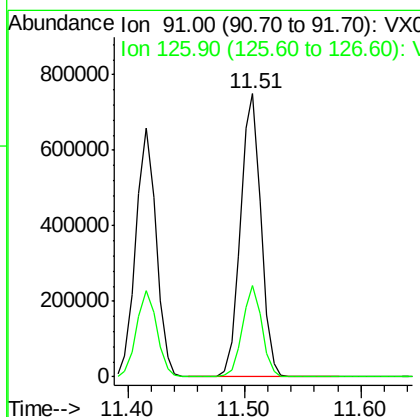
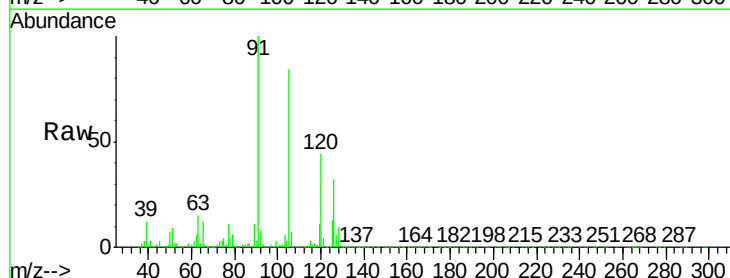
Manual Integrations
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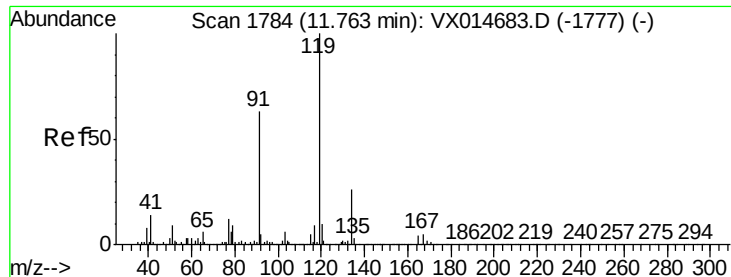
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#82
4-Chlorotoluene
Concen: 52.107 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





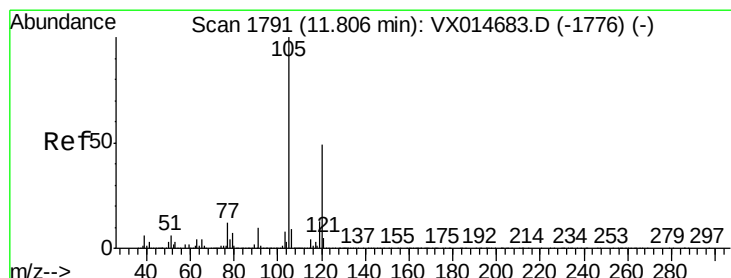
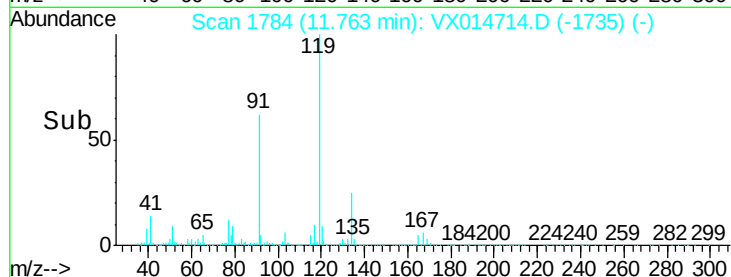
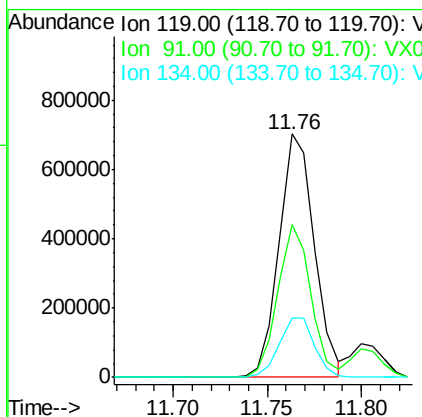
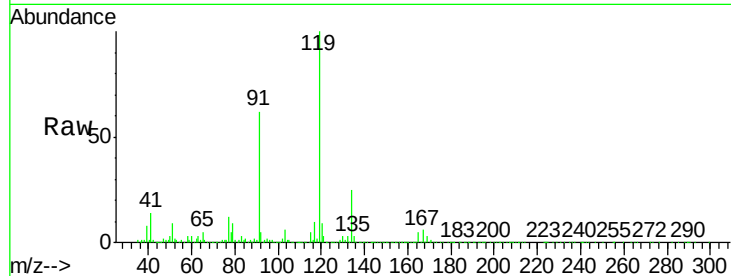
#83
 tert-Butylbenzene
 Concen: 51.810 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	912945		
91	58.8	30.0	90.0	
134	24.6	12.7	38.0	

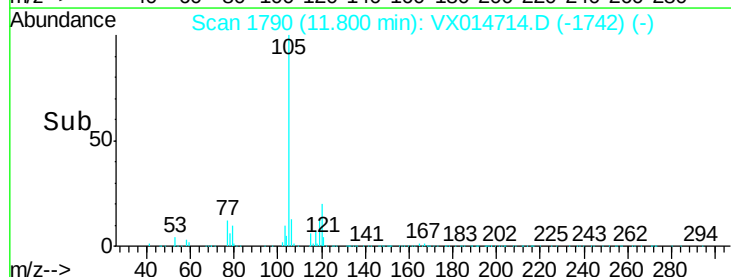
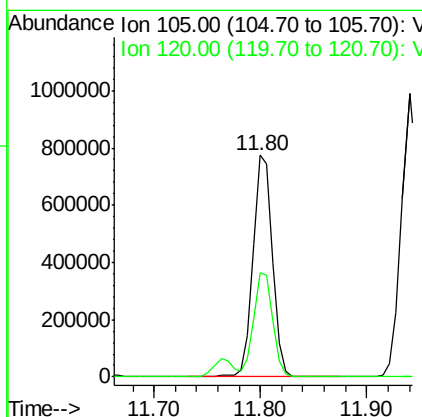
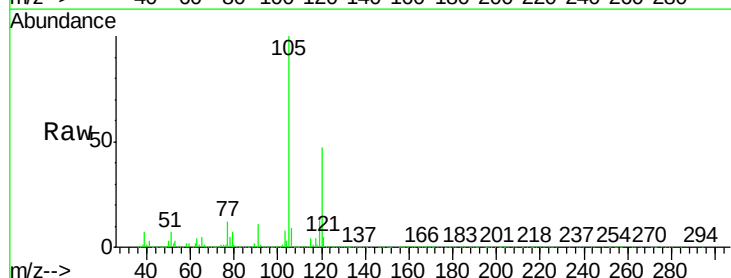
Manual Integrations
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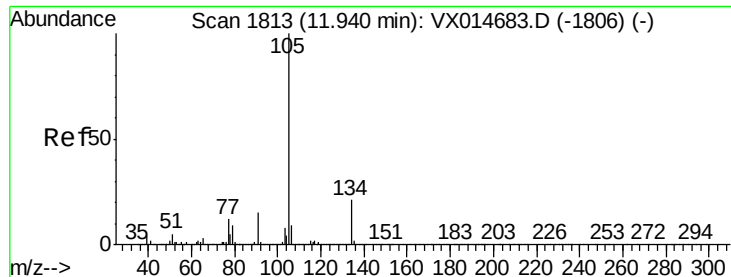
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.502 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	987520		
120	46.1	23.4	70.0	





#85

sec-Butylbenzene

Concen: 53.358 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1151833

Ion Ratio Lower Upper

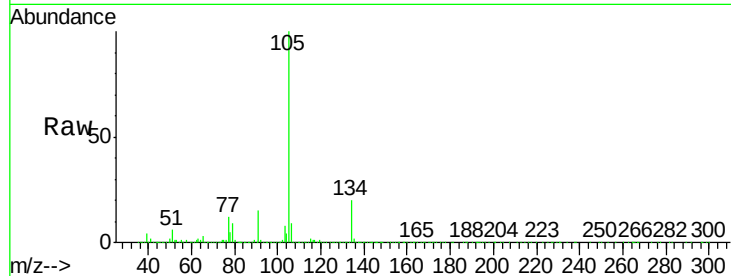
105 100

134 20.5 10.3 30.8

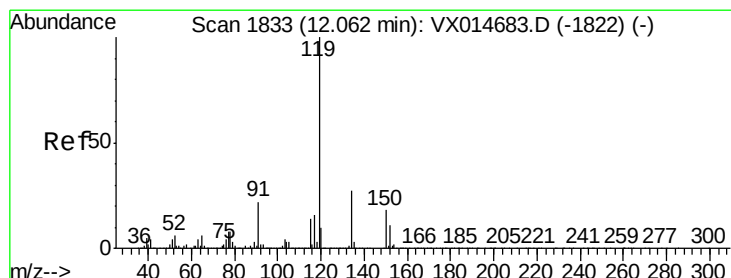
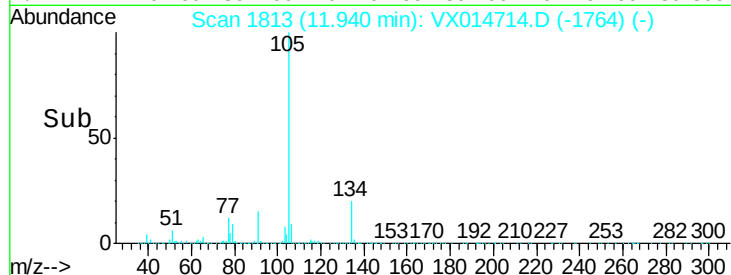
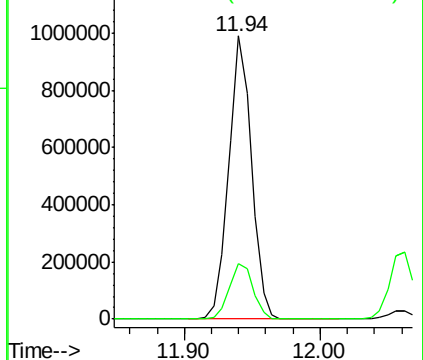
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.529 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

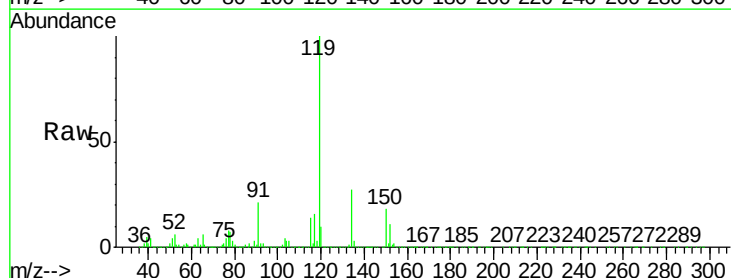
Tgt Ion:119 Resp: 1067866

Ion Ratio Lower Upper

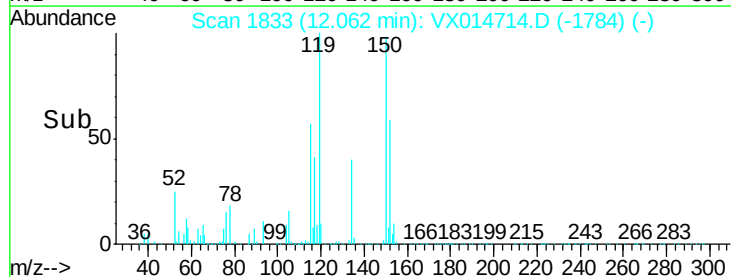
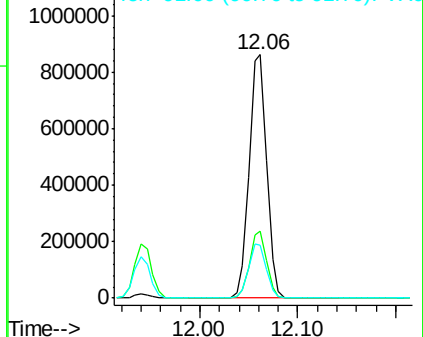
119 100

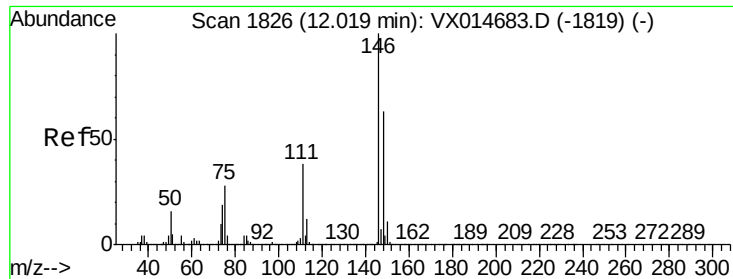
134 26.7 13.5 40.4

91 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.562 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

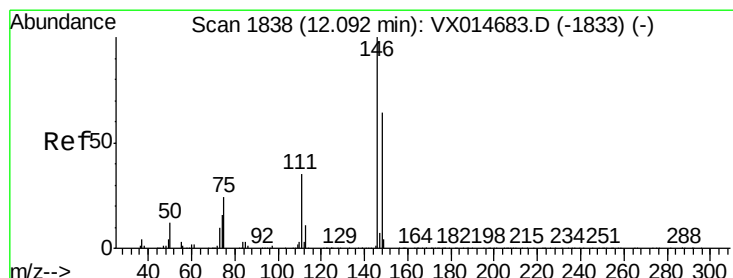
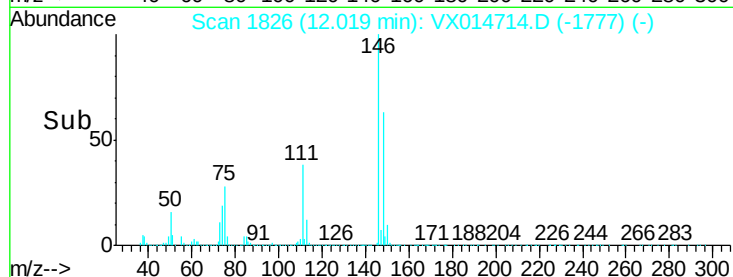
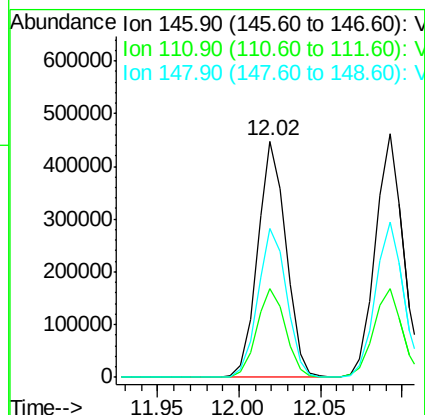
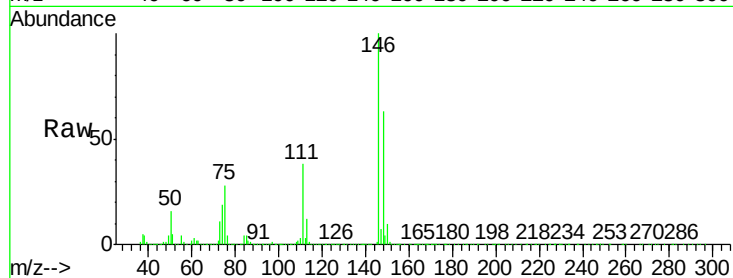
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.2	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.804 ug/l

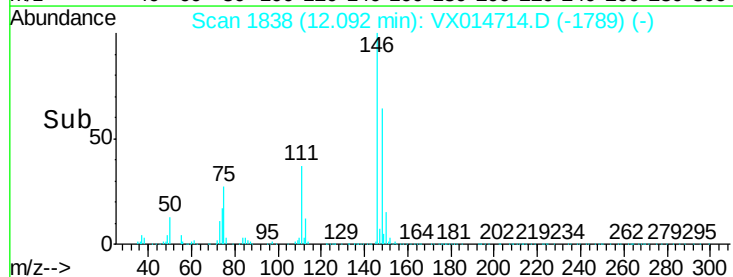
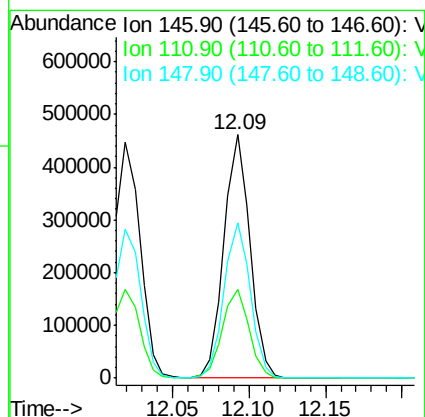
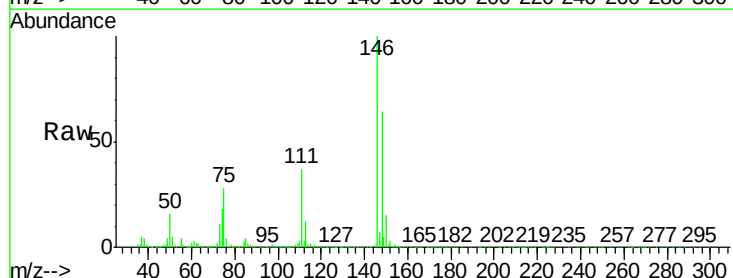
RT: 12.09 min Scan# 1838

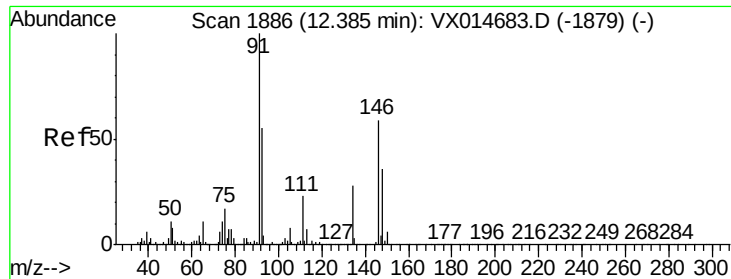
Delta R.T. 0.00 min

Lab File: VX014714.D

Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.3	32.0	96.2





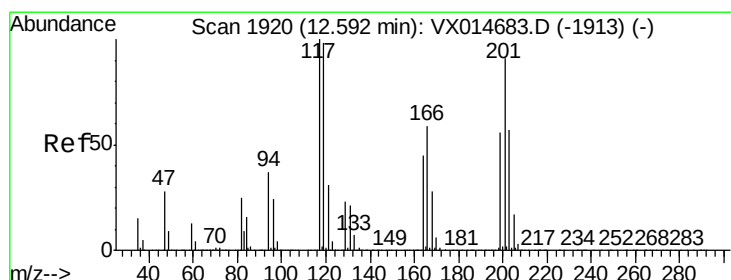
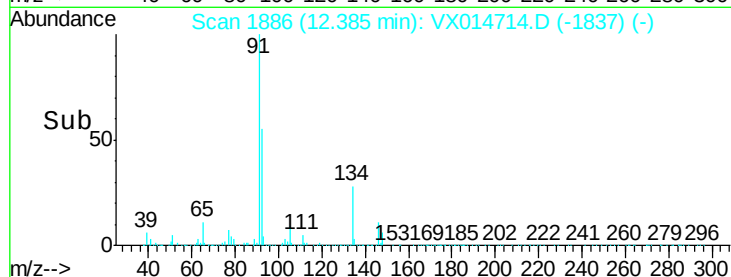
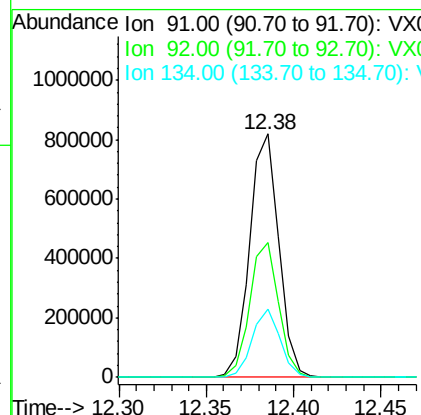
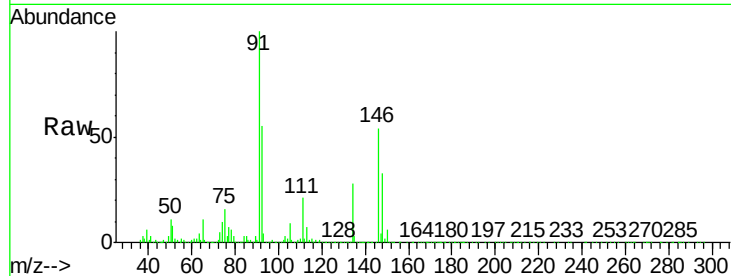
#89
n-Butylbenzene
Concen: 54.507 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.6	82.7
134	26.9	13.3	39.8

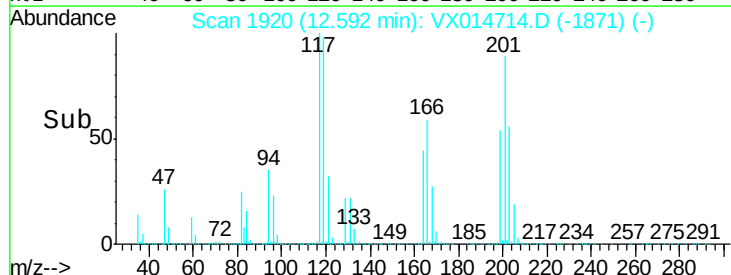
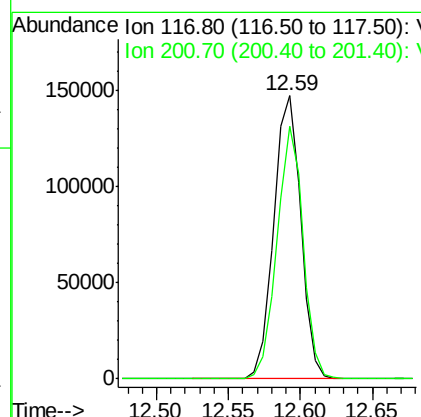
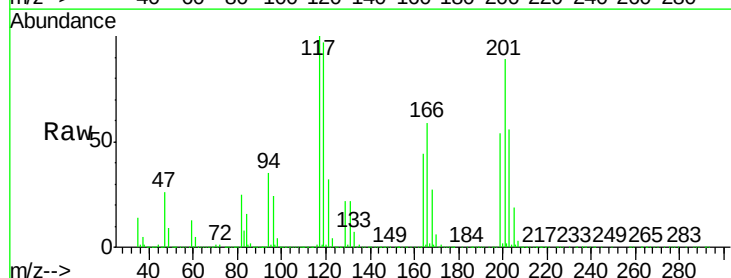
Manual Integrations
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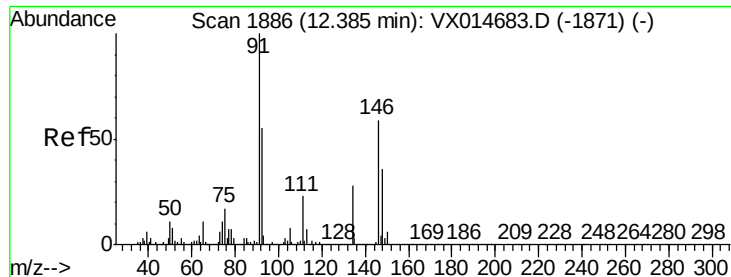
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#90
Hexachloroethane
Concen: 51.655 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	44.4	133.1





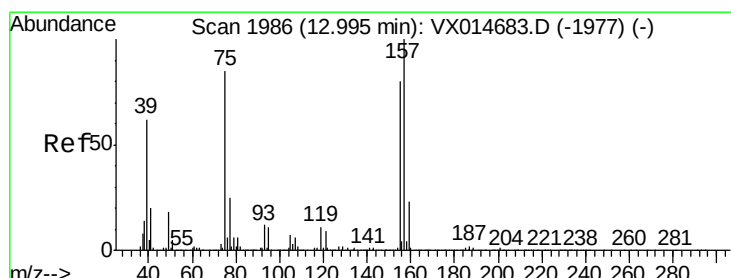
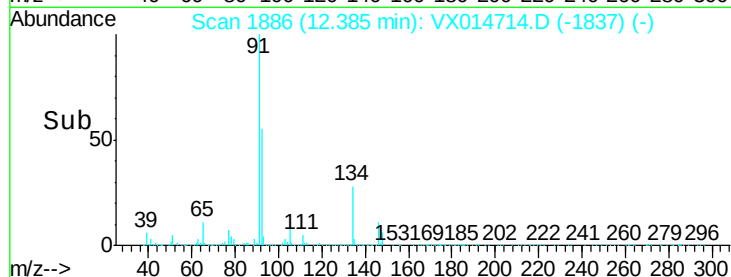
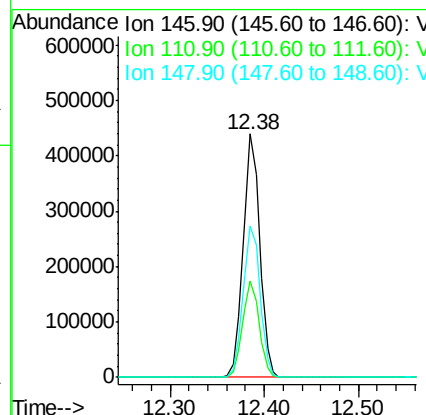
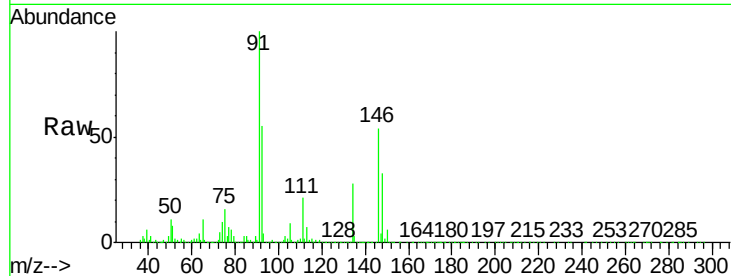
#91
 1,2-Dichlorobenzene
 Concen: 49.730 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	63.8	31.9	95.9

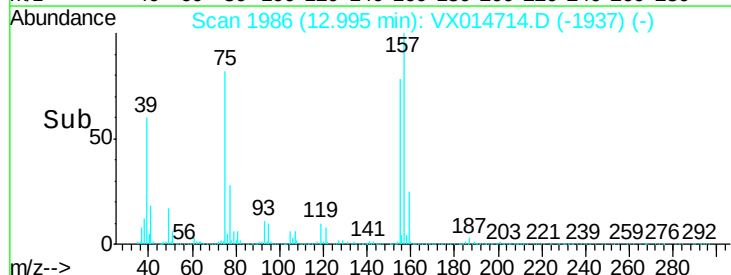
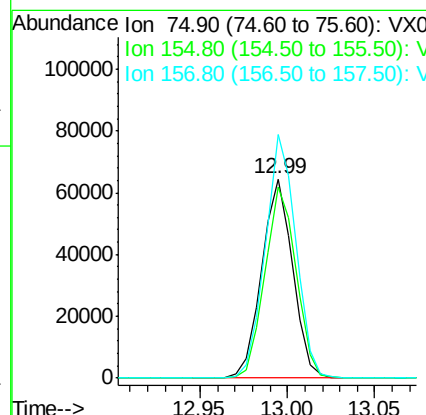
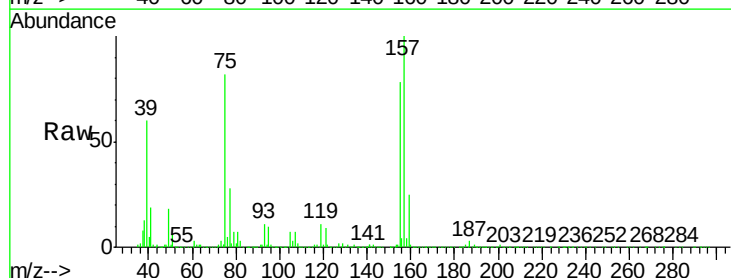
Manual Integrations
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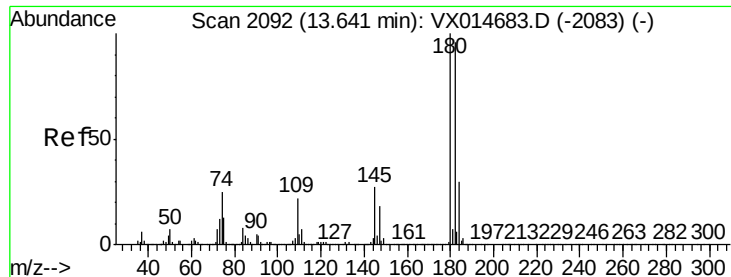
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.569 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014714.D
 Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	45.6	136.9
157	121.3	60.3	180.9





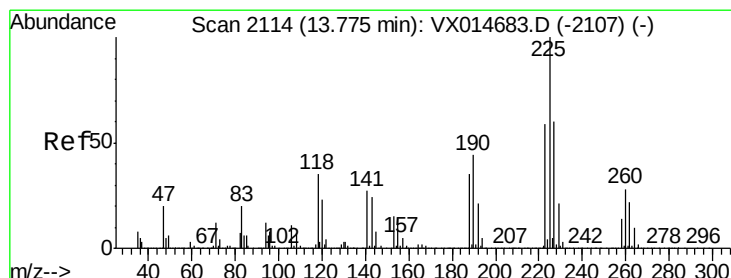
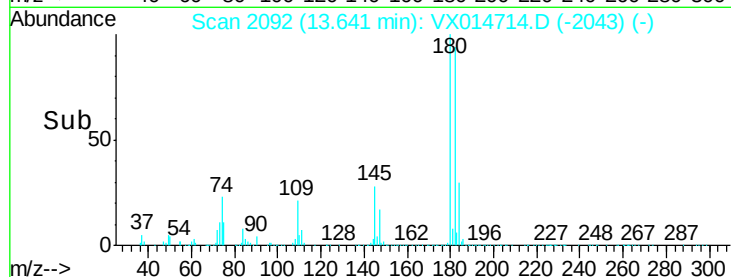
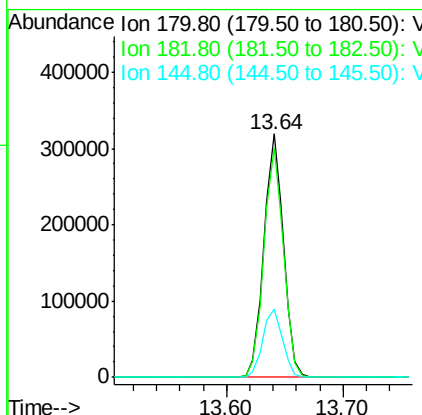
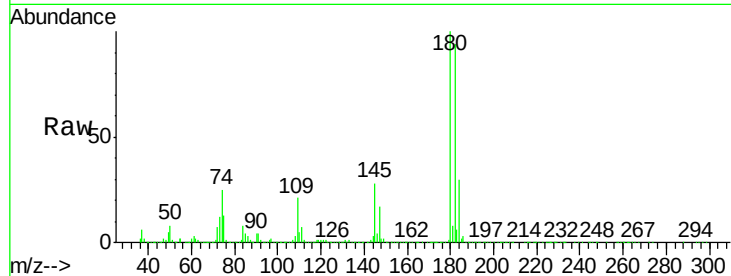
#93
1,2,4-Trichlorobenzene
Concen: 53.461 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	373428		
182	95.1	48.5	145.6	
145	28.8	14.0	41.9	

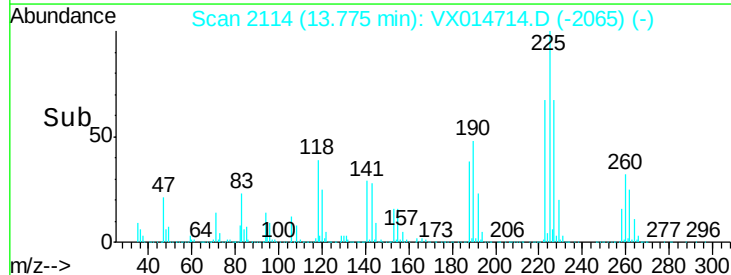
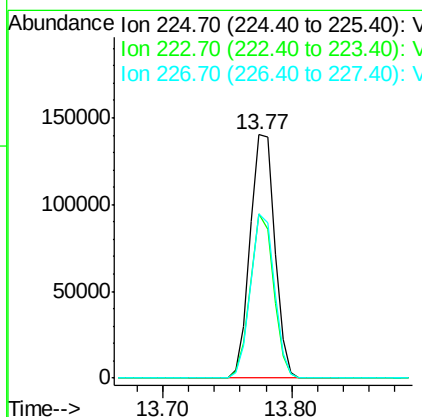
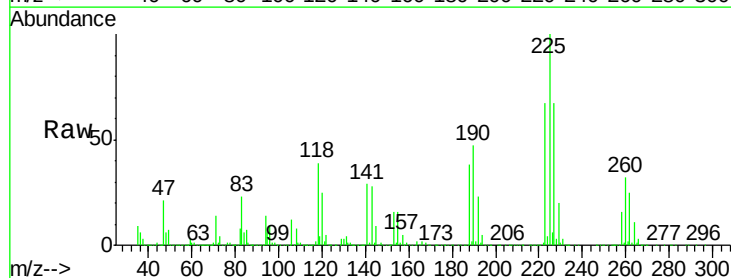
Manual Integrations
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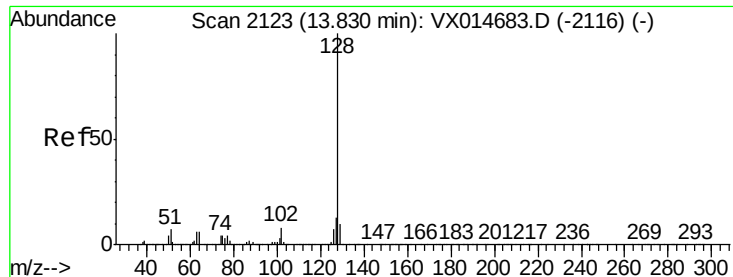
MMDadoda
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#94
Hexachlorobutadiene
Concen: 51.210 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184106		
223	63.6	30.6	91.8	
227	65.1	31.4	94.0	





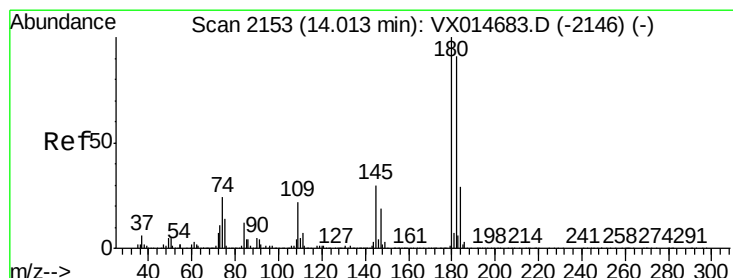
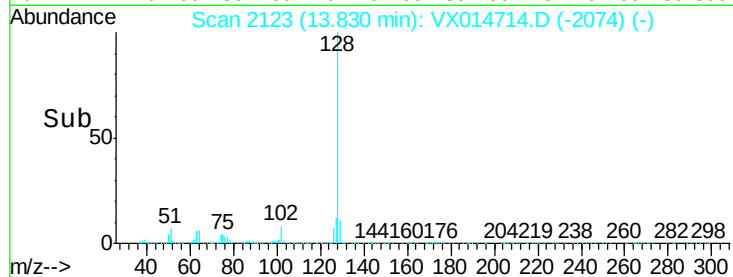
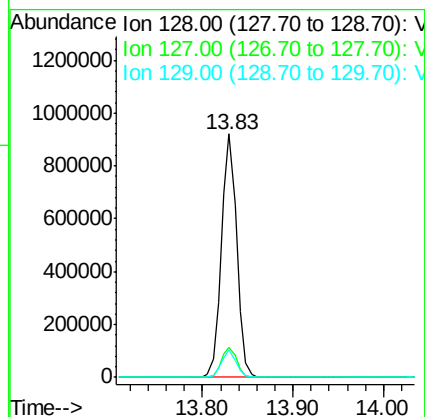
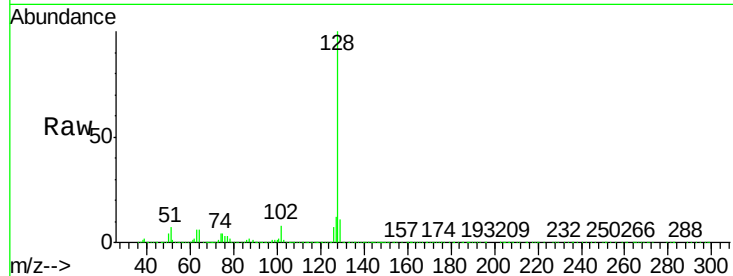
#95
Naphthalene
Concen: 48.093 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
1/28/2020 11:18:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.559 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014714.D
Acq: 27 Jan 2020 09:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.6	139.7
145	29.4	14.7	44.1

